

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066296.D
 Acq On : 19 Aug 2020 01:46
 Operator : VA/SY
 Sample : VD0818SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:23:34 PM

Quant Time: Aug 19 08:20:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	225888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	340029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	316435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	165502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	125568	62.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.62%	
35) Dibromofluoromethane	7.91	113	123088	57.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.28%	
50) Toluene-d8	10.34	98	437337	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.63	95	158582	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40567	20.384	ug/l	90
3) Chloromethane	2.21	50	30173	19.490	ug/l	99
4) Vinyl Chloride	2.35	62	29101	21.232	ug/l	99
5) Bromomethane	2.76	94	20815	22.890	ug/l	93
6) Chloroethane	2.91	64	18660	22.179	ug/l	99
7) Trichlorofluoromethane	3.26	101	73652	20.612	ug/l	97
8) Diethyl Ether	3.71	74	20902	20.731	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	41208	19.432	ug/l	98
10) Methyl Iodide	4.30	142	40003	24.650	ug/l	95
11) Tert butyl alcohol	5.23	59	22027	127.809	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	38799	19.395	ug/l	90
13) Acrolein	3.92	56	8480	52.864	ug/l	98
14) Allyl chloride	4.70	41	56917	18.780	ug/l	95
15) Acrylonitrile	5.42	53	45459	106.996	ug/l	98
16) Acetone	4.16	43	36573	95.645	ug/l #	87
17) Carbon Disulfide	4.40	76	113205	17.798	ug/l	100
18) Methyl Acetate	4.72	43	21156	21.782	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	99926	21.793	ug/l	96
20) Methylene Chloride	4.96	84	64746	27.373	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	46183	20.096	ug/l	92
22) Diisopropyl ether	6.36	45	119474	19.935	ug/l	92
23) Vinyl Acetate	6.30	43	345751	98.474	ug/l	99
24) 1,1-Dichloroethane	6.26	63	77490	20.892	ug/l	97
25) 2-Butanone	7.21	43	54349	96.636	ug/l	90
26) 2,2-Dichloropropane	7.20	77	63790	19.189	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	50744	21.052	ug/l	98
28) Bromochloromethane	7.54	49	27840	21.371	ug/l	95
29) Tetrahydrofuran	7.56	42	34724	99.653	ug/l	96
30) Chloroform	7.71	83	85431	21.936	ug/l	95
31) Cyclohexane	7.97	56	61156	17.322	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	79361	21.733	ug/l	99
36) 1,1-Dichloropropene	8.11	75	63636	19.916	ug/l	98
37) Ethyl Acetate	7.28	43	26795	21.165	ug/l	97
38) Carbon Tetrachloride	8.08	117	72555	20.362	ug/l	91

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	66326	17.172	ug/l	97
40) Benzene	8.34	78	174081	19.639	ug/l	98
41) Methacrylonitrile	7.52	41	12809	17.208	ug/l #	86
42) 1,2-Dichloroethane	8.42	62	56457	21.681	ug/l	99
43) Isopropyl Acetate	8.44	43	49258	19.748	ug/l	96
44) Trichloroethene	9.10	130	53701	20.105	ug/l	91
45) 1,2-Dichloropropane	9.38	63	42973	19.823	ug/l	89
46) Dibromomethane	9.47	93	24271	20.326	ug/l	95
47) Bromodichloromethane	9.66	83	67471	21.378	ug/l	95
48) Methyl methacrylate	9.46	41	23876	18.746	ug/l #	81
49) 1,4-Dioxane	9.46	88	6480	422.387	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	129262	100.886	ug/l	99
52) Toluene	10.40	92	118729	20.356	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61044	20.381	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	68953	19.649	ug/l #	91
55) 1,1,2-Trichloroethane	10.80	97	35024	20.369	ug/l	97
56) Ethyl methacrylate	10.66	69	40141	19.433	ug/l #	91
57) 1,3-Dichloropropane	10.94	76	59711	20.918	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	104128	112.071	ug/l	96
59) 2-Hexanone	10.98	43	88022	97.888	ug/l	98
60) Dibromochloromethane	11.14	129	49588	20.889	ug/l	96
61) 1,2-Dibromoethane	11.24	107	35323	21.361	ug/l	99
64) Tetrachloroethene	10.87	164	47952	19.734	ug/l	92
65) Chlorobenzene	11.67	112	130066	20.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	52162	20.753	ug/l	96
67) Ethyl Benzene	11.74	91	222448	19.983	ug/l	100
68) m/p-Xylenes	11.85	106	174096	40.366	ug/l	98
69) o-Xylene	12.18	106	77456	19.743	ug/l	93
70) Styrene	12.19	104	142758	20.763	ug/l	99
71) Bromoform	12.36	173	31360	21.059	ug/l #	97
73) Isopropylbenzene	12.48	105	214127	19.382	ug/l	98
74) N-amyl acetate	12.29	43	47985	19.724	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	37991	20.167	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	30089m	21.801	ug/l	
77) Bromobenzene	12.76	156	56503	19.868	ug/l	99
78) n-propylbenzene	12.82	91	250533	19.509	ug/l	100
79) 2-Chlorotoluene	12.91	91	147016	20.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	187103	20.251	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	12037	19.279	ug/l	95
82) 4-Chlorotoluene	13.01	91	155655	20.075	ug/l	99
83) tert-Butylbenzene	13.23	119	161000	19.815	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	188264	20.361	ug/l	97
85) sec-Butylbenzene	13.40	105	214117	19.518	ug/l	100
86) p-Isopropyltoluene	13.52	119	201281	19.563	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	108129	20.230	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	107506	20.168	ug/l	99
89) n-Butylbenzene	13.85	91	173617	18.833	ug/l	99
90) Hexachloroethane	14.11	117	41626	20.285	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	95195	20.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7204	22.250	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65724	18.867	ug/l	99
94) Hexachlorobutadiene	15.27	225	40012	19.506	ug/l	95
95) Naphthalene	15.41	128	111512	19.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	58619	19.062	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

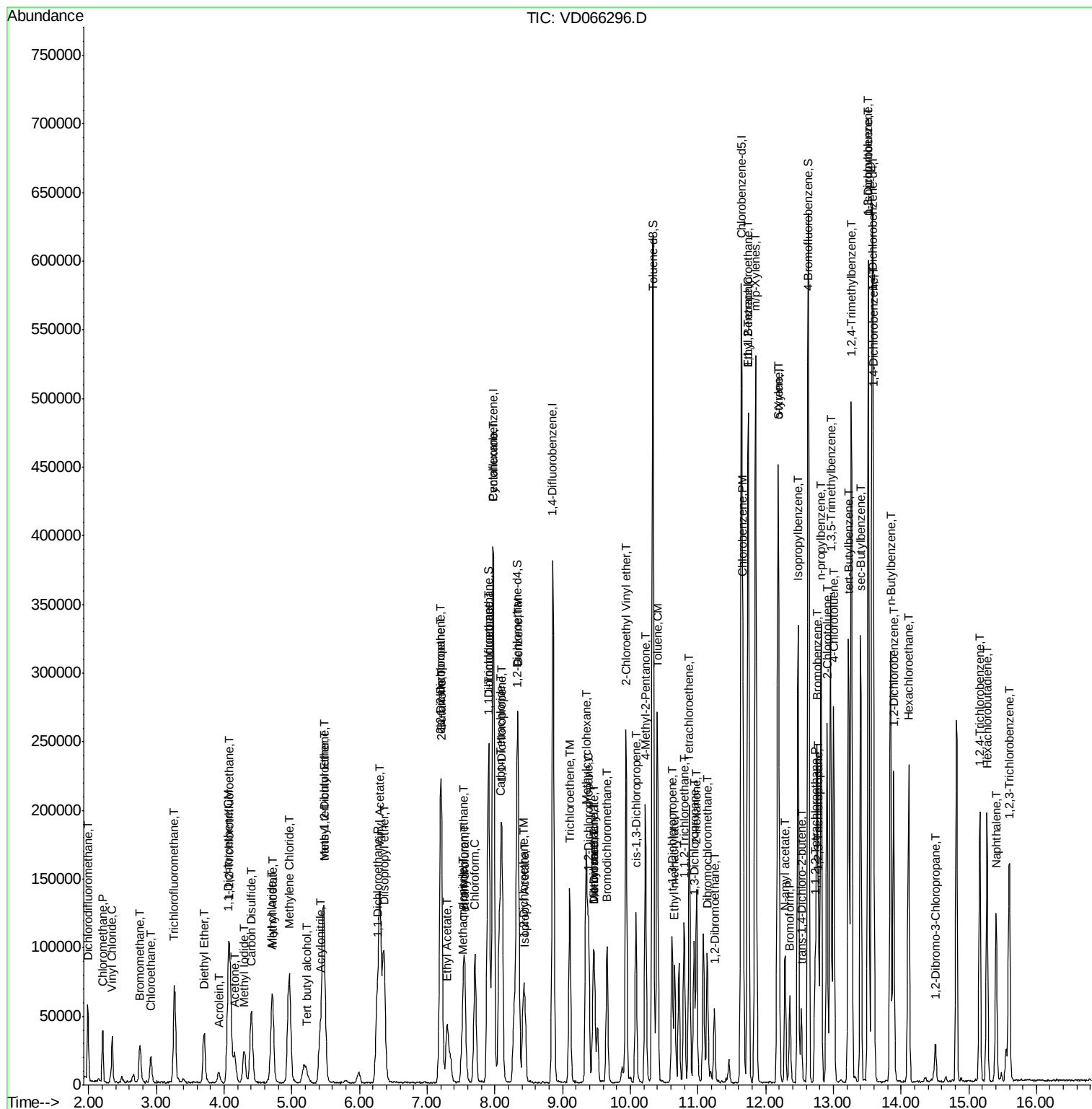
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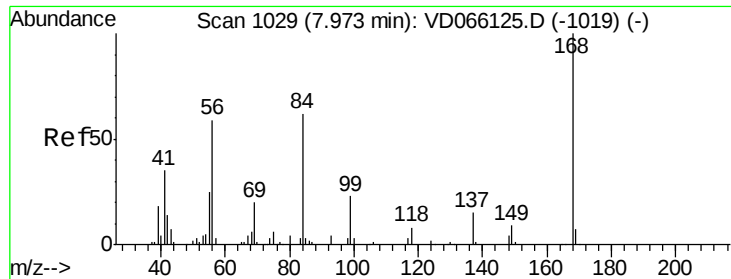
Instrument :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion:168 Resp: 225888

Ion Ratio Lower Upper

168 100

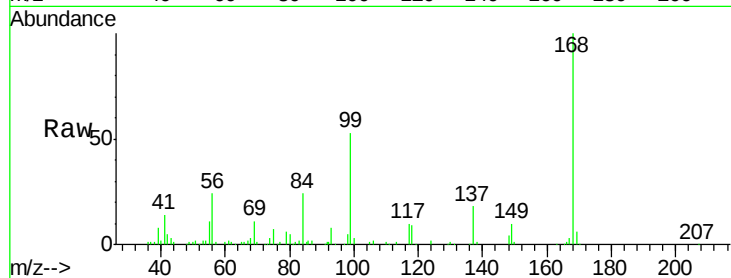
99 52.2 42.2 63.4

Manual Integrations

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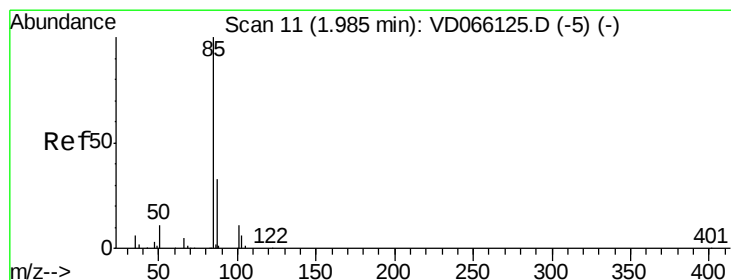
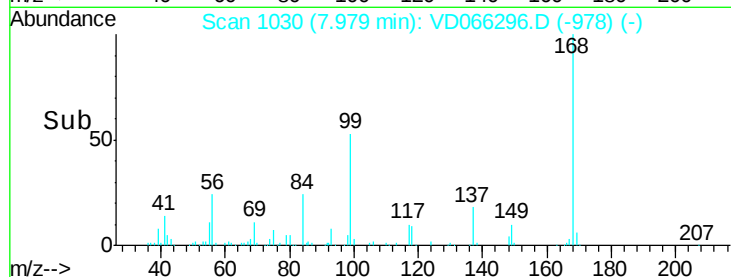
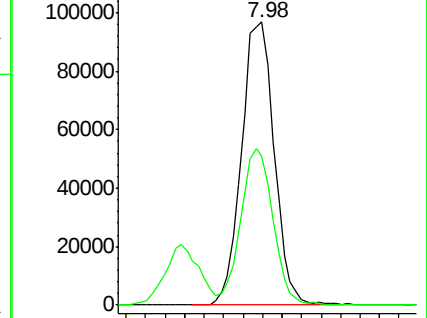
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.384 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066296.D

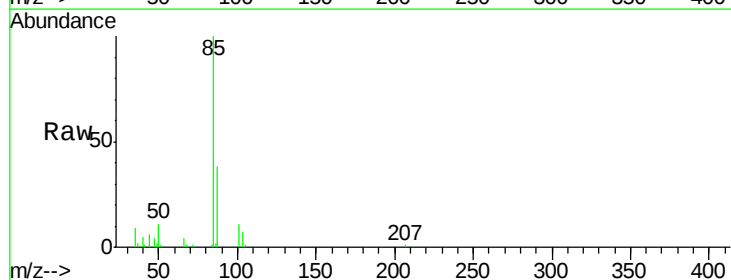
Acq: 19 Aug 2020 01:46

Tgt Ion: 85 Resp: 40567

Ion Ratio Lower Upper

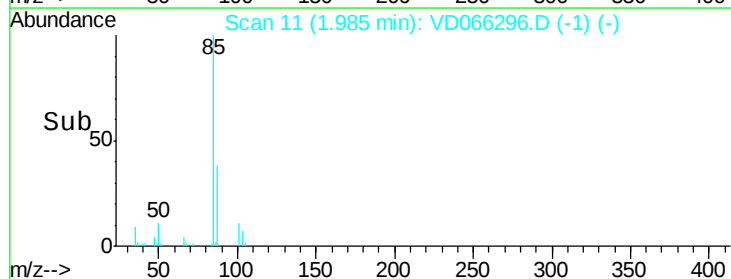
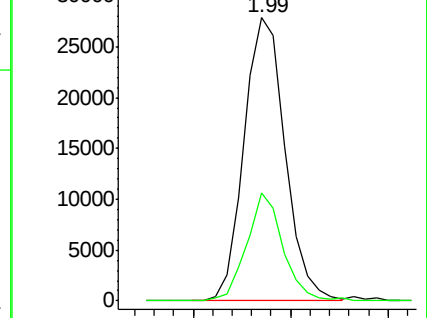
85 100

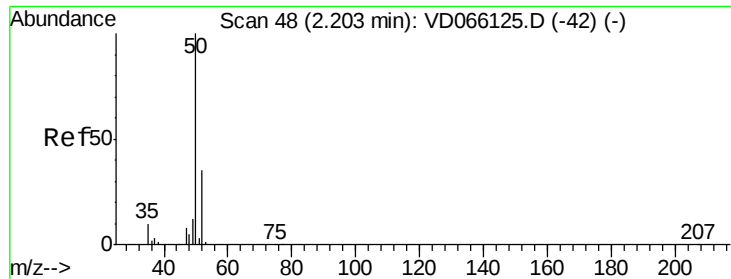
87 38.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.490 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion: 50 Resp: 30173

Ion Ratio Lower Upper

50 100

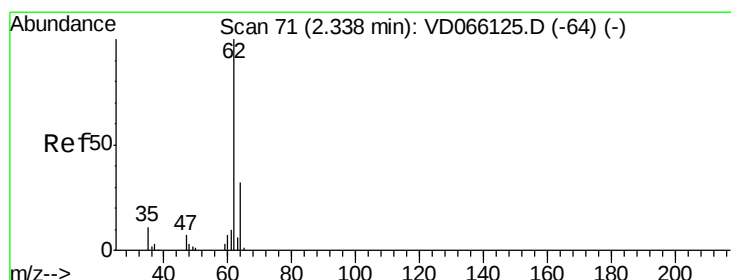
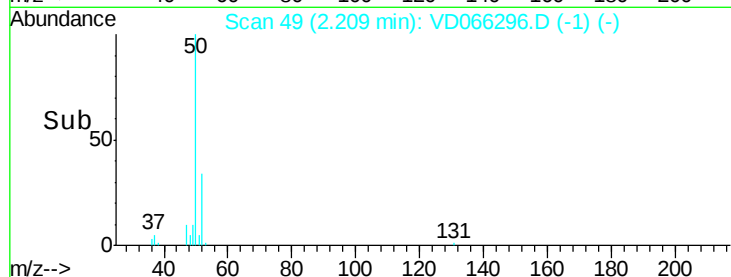
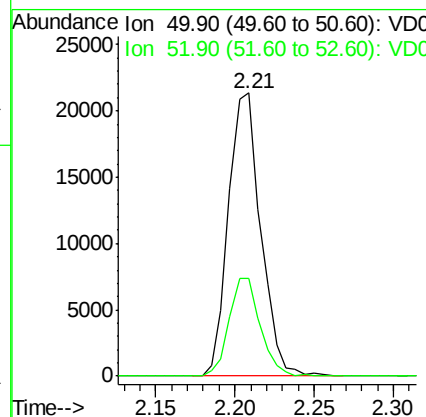
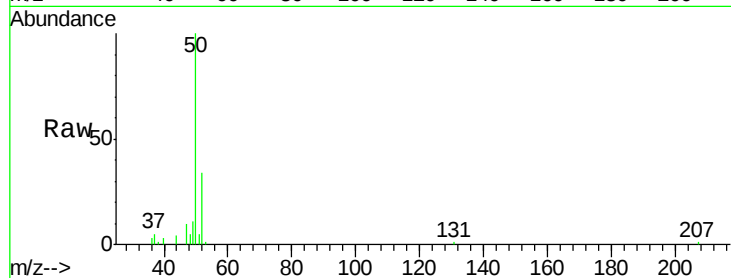
52 34.5 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.232 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066296.D

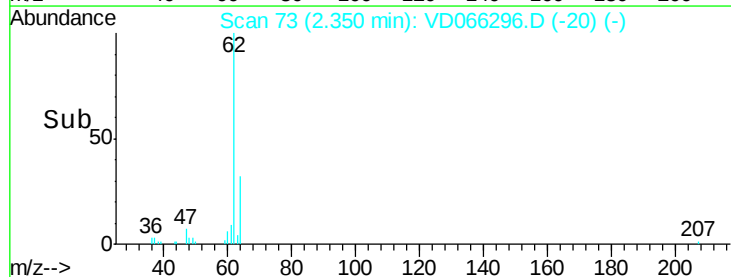
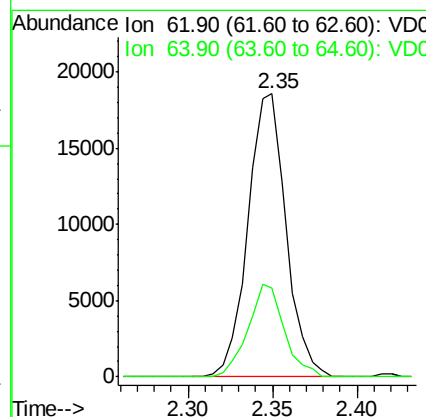
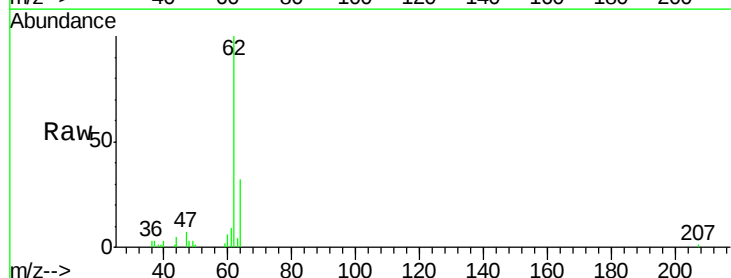
Acq: 19 Aug 2020 01:46

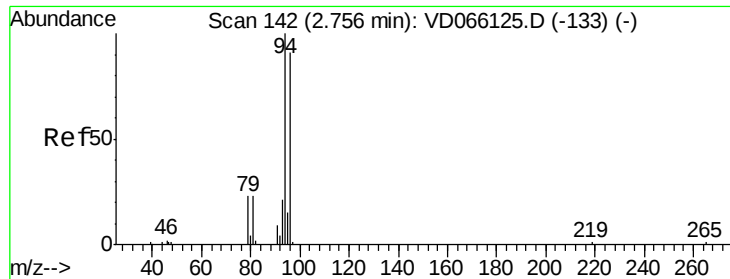
Tgt Ion: 62 Resp: 29101

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 22.890 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 20815

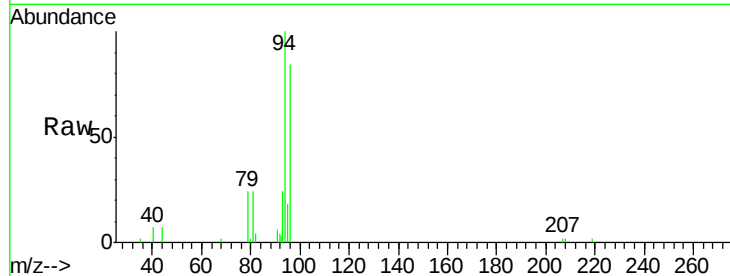
Ion Ratio Lower Upper

94 100

96 84.1 72.6 109.0

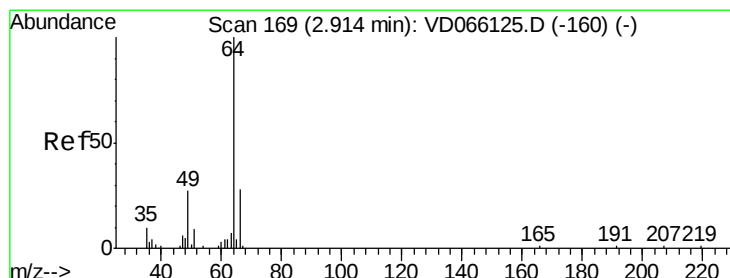
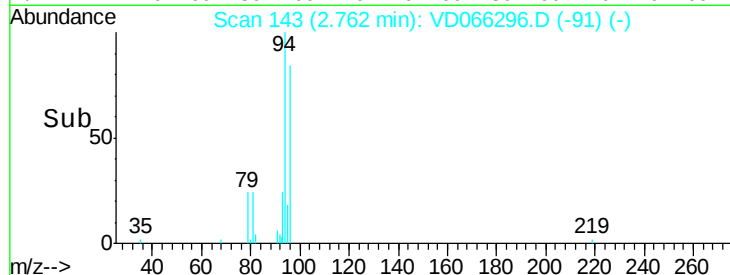
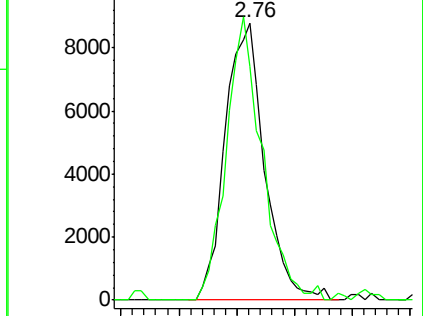
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.179 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066296.D

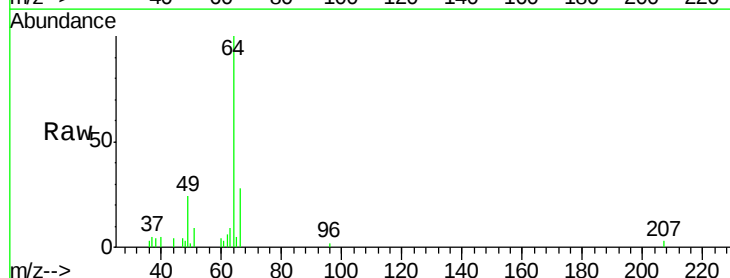
Acq: 19 Aug 2020 01:46

Tgt Ion: 64 Resp: 18660

Ion Ratio Lower Upper

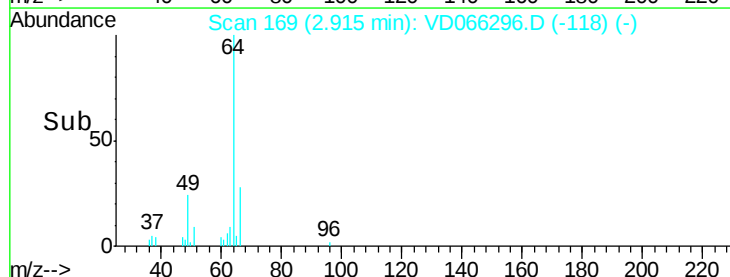
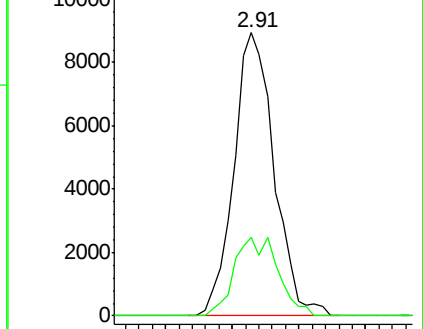
64 100

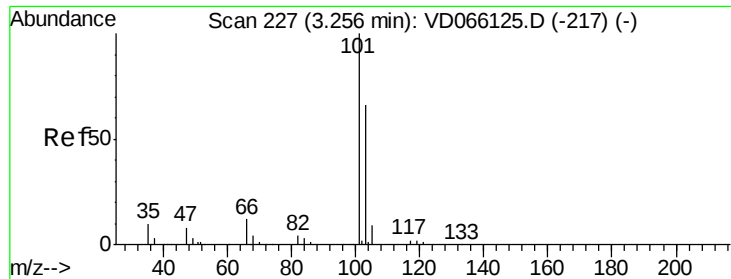
66 27.9 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

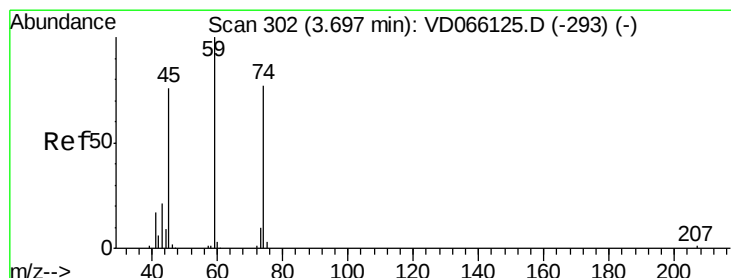
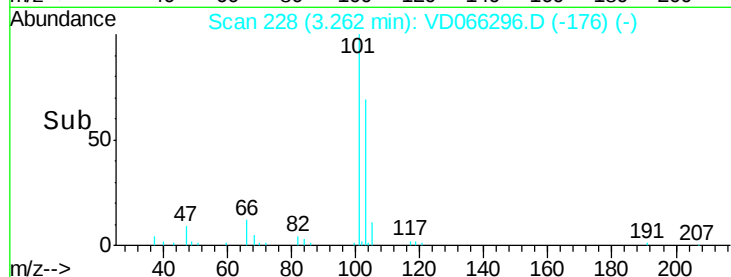
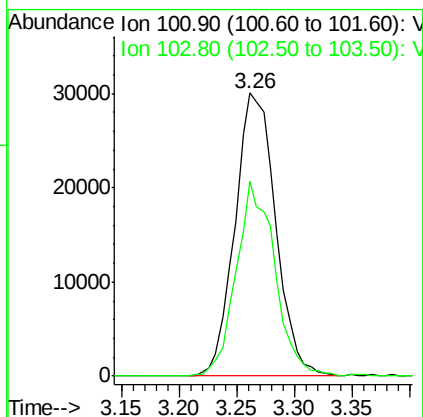
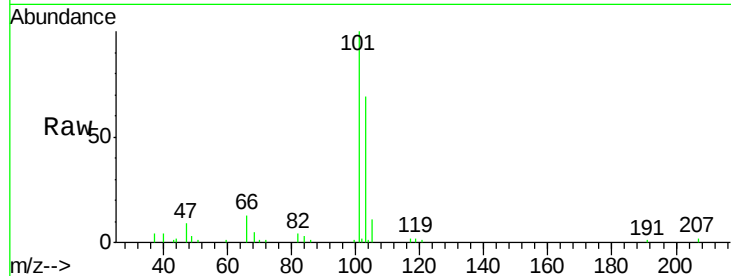
Trichlorofluoromethane
 Concen: 20.612 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	53.0	79.6

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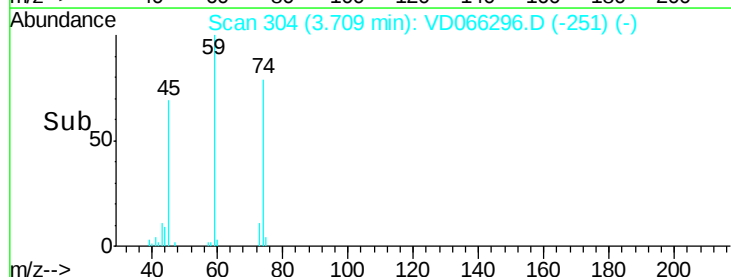
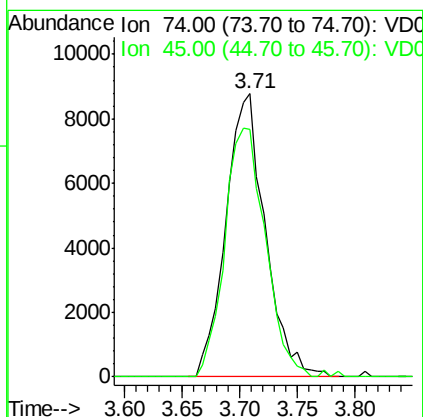
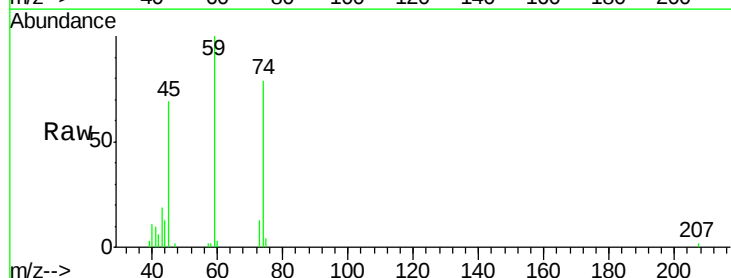
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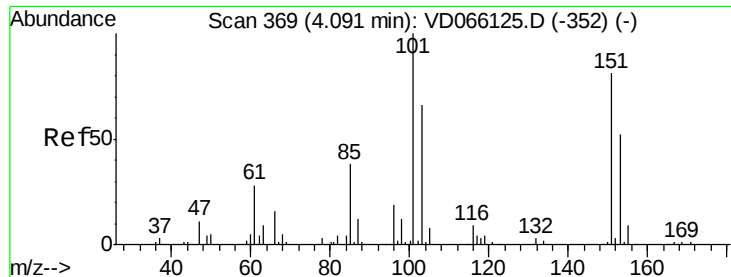


#8

Diethyl Ether
 Concen: 20.731 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.432 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion:101 Resp: 41208

Ion Ratio Lower Upper

101 100

85 44.9 33.5 50.3

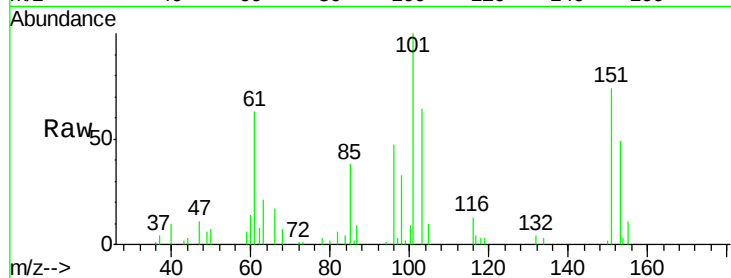
151 84.9 67.8 101.8

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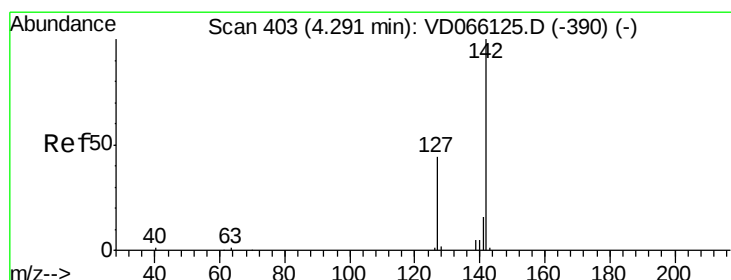
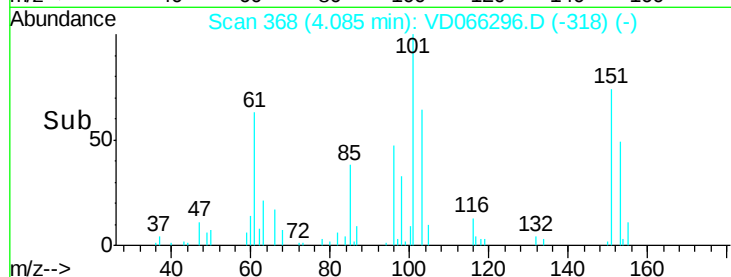
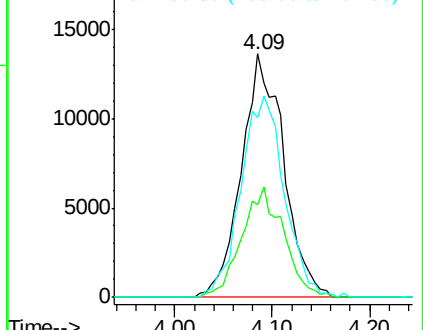
8/19/2020 5:23:34 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.650 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

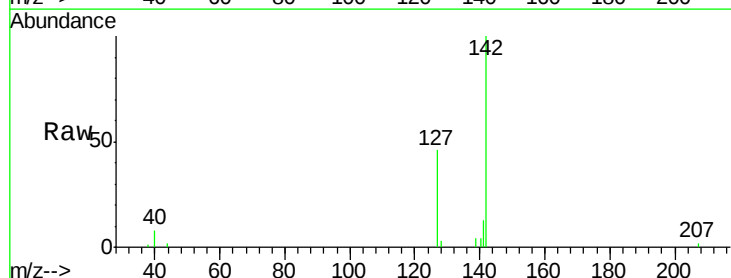
Tgt Ion:142 Resp: 40003

Ion Ratio Lower Upper

142 100

127 49.6 36.2 54.4

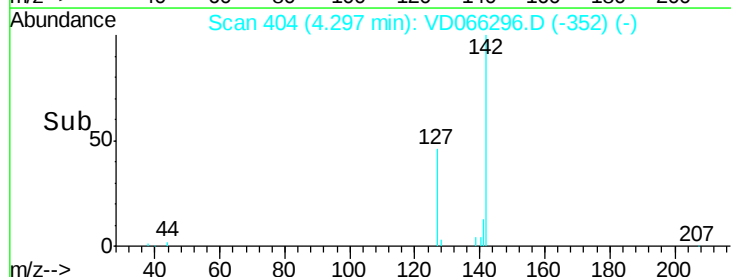
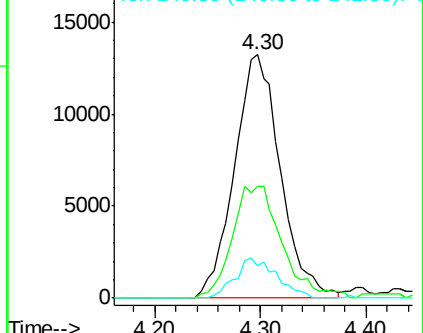
141 14.8 12.6 18.8

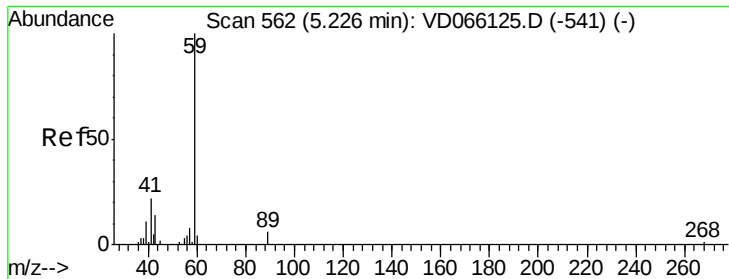


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

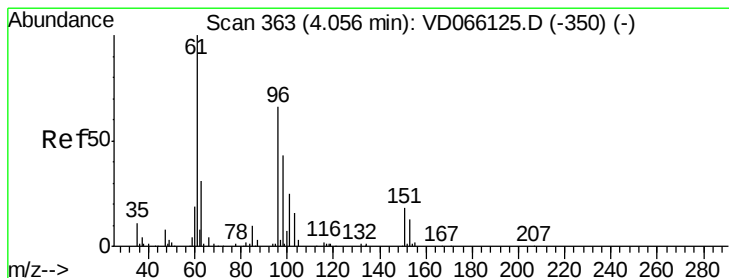
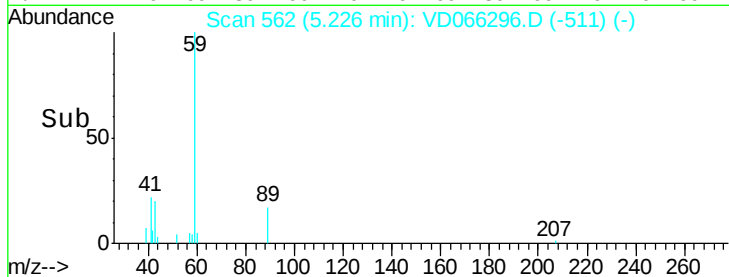
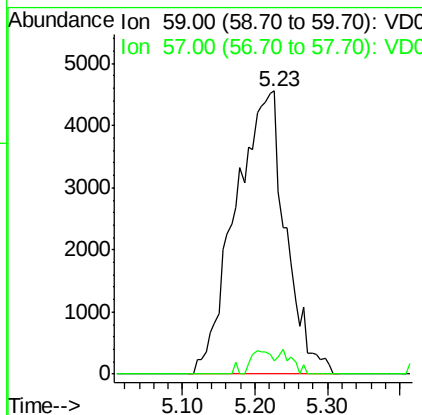
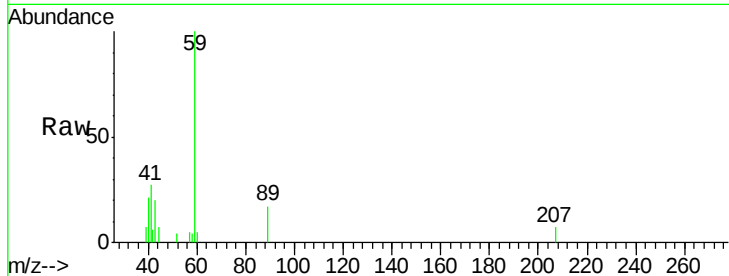
Tert butyl alcohol
Concen: 127.809 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#

Manual Integrations
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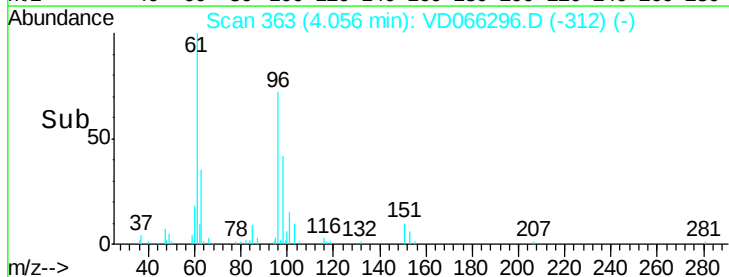
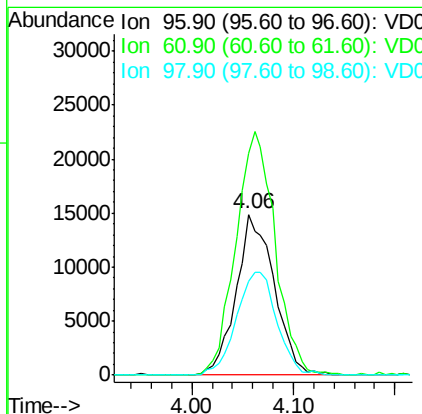
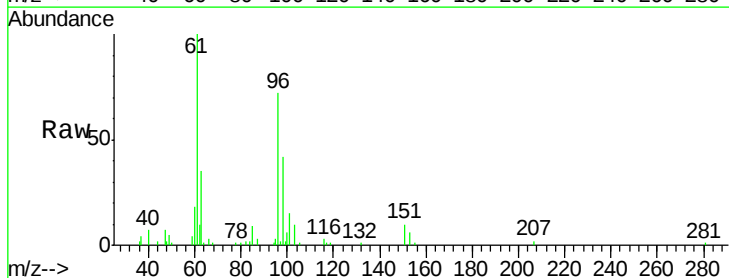
MMDadoda
8/19/2020 5:23:34 PM

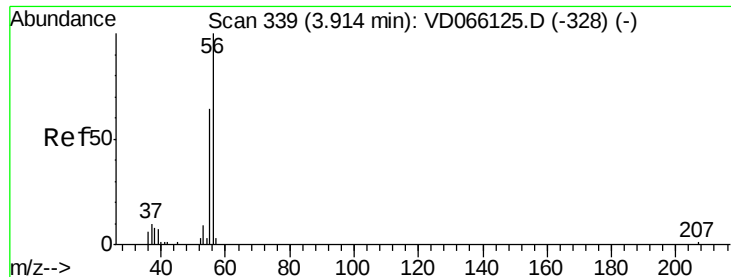


#12

1,1-Dichloroethene
Concen: 19.395 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.3	121.6	182.4
98	58.3	52.0	78.0





#13

Acrolein

Concen: 52.864 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion: 56 Resp: 8480

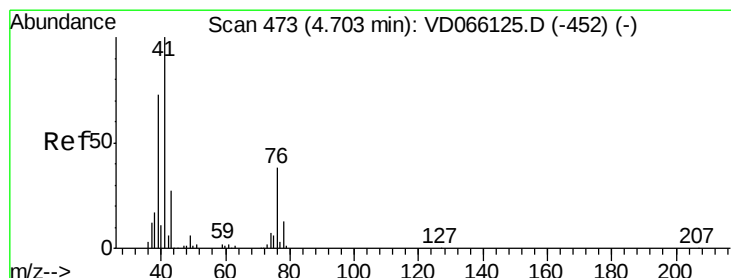
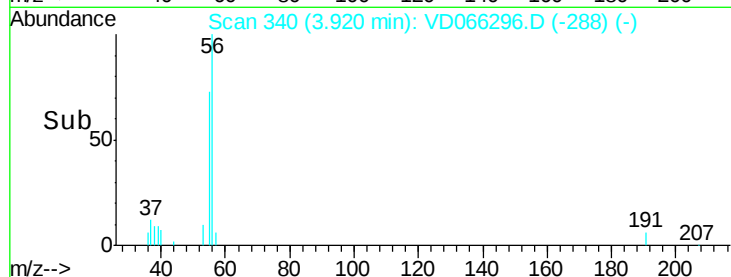
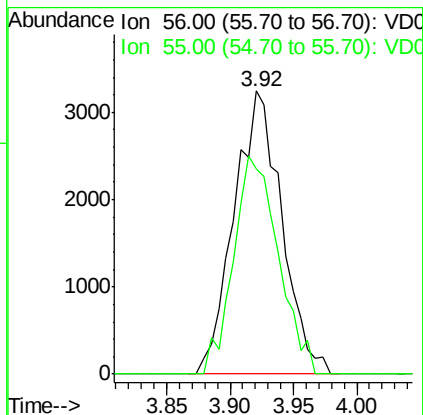
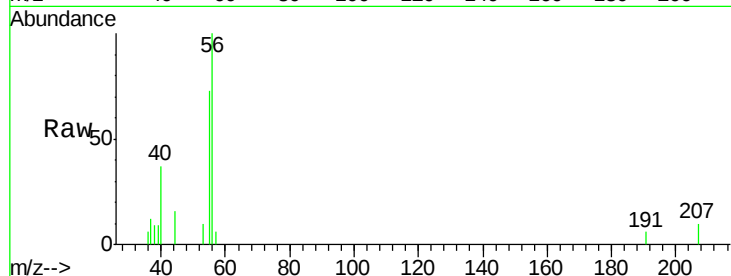
Ion Ratio Lower Upper

56 100

55 72.4 56.7 85.1

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 18.780 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

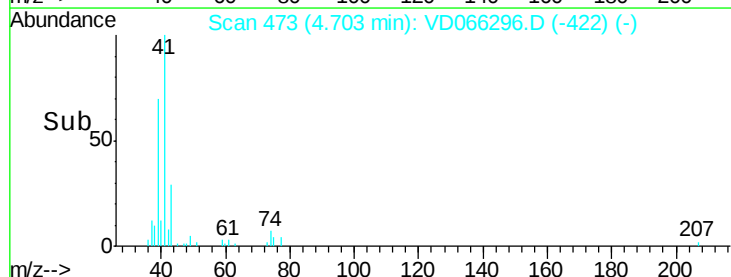
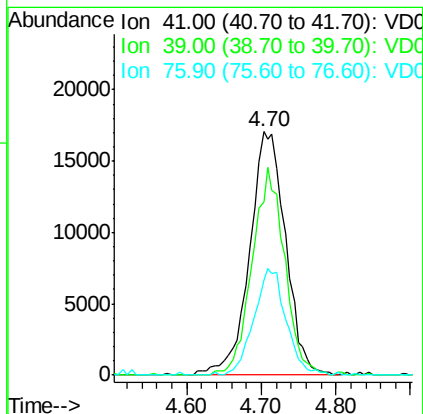
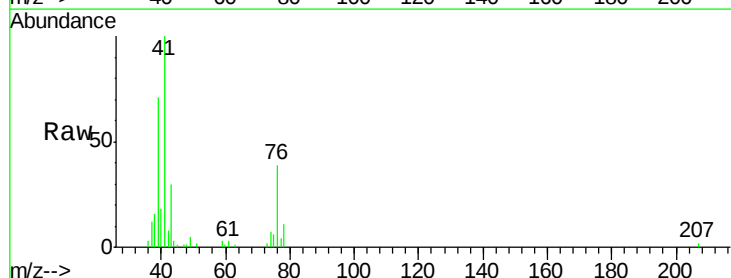
Tgt Ion: 41 Resp: 56917

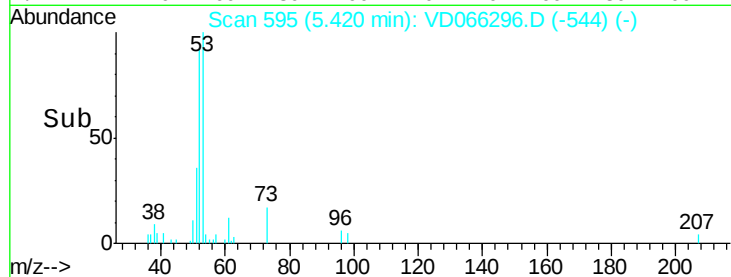
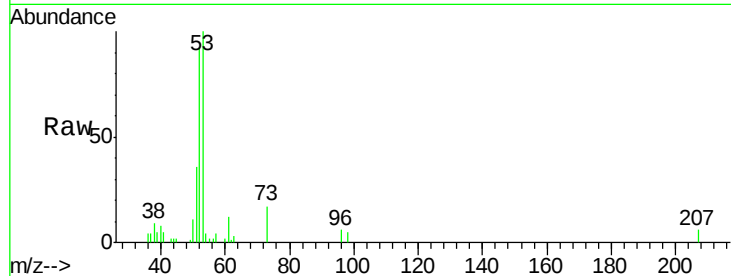
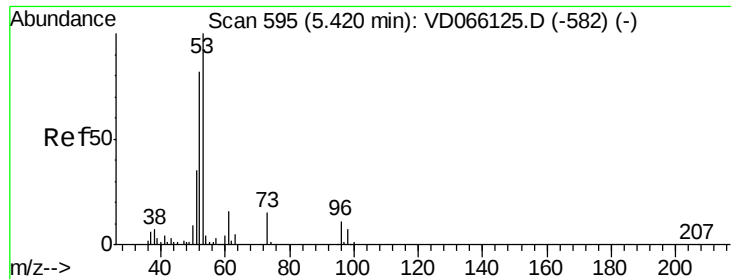
Ion Ratio Lower Upper

41 100

39 76.9 57.4 86.0

76 39.2 30.1 45.1





#15

Acrylonitrile

Concen: 106.996 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066296.D

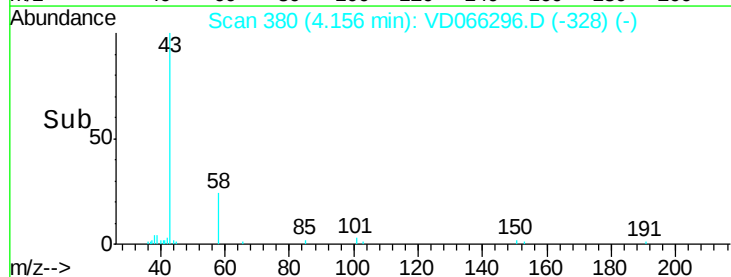
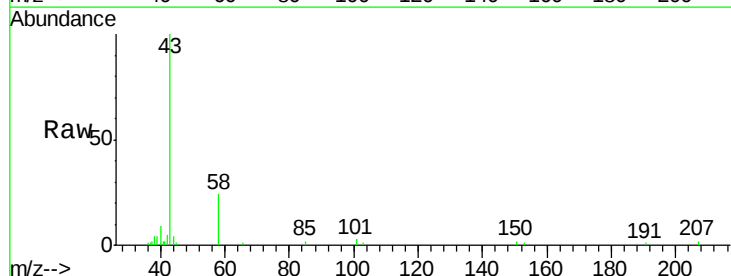
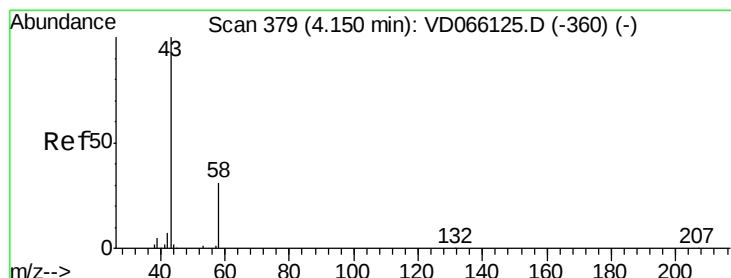
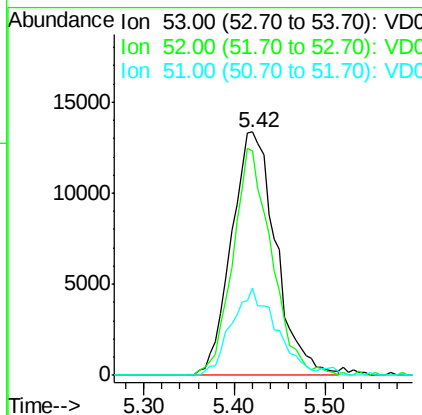
Acq: 19 Aug 2020 01:46

Tot Ion:	53	Resp:	45459
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.1	99.1
51	36.1	30.8	46.2

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Manual Integrations
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#16

Acetone

Concen: 95.645 ug/l

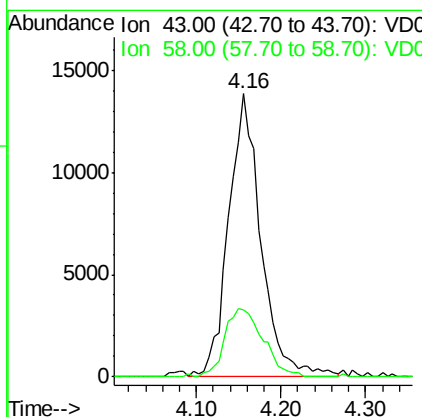
RT: 4.16 min Scan# 380

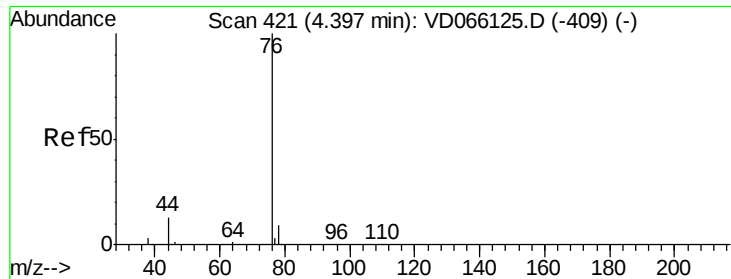
Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion:	43	Resp:	36573
Ion Ratio	Lower	Upper	
43	100		
58	23.7	24.7	37.1#





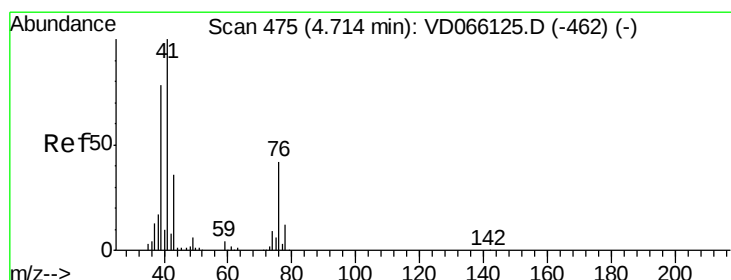
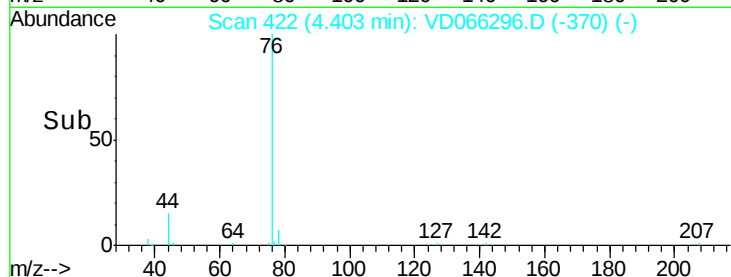
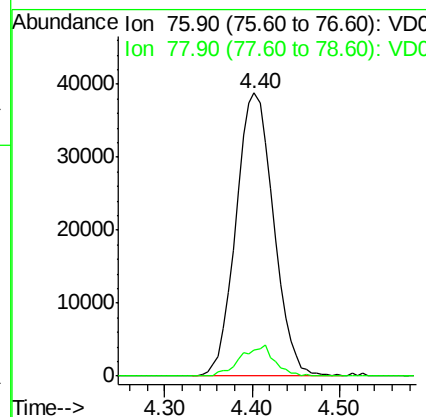
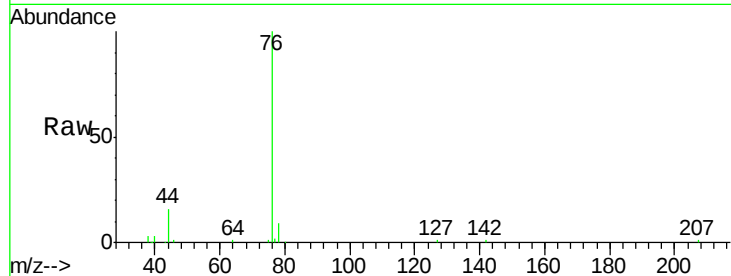
#17
Carbon Disulfide
Concen: 17.798 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

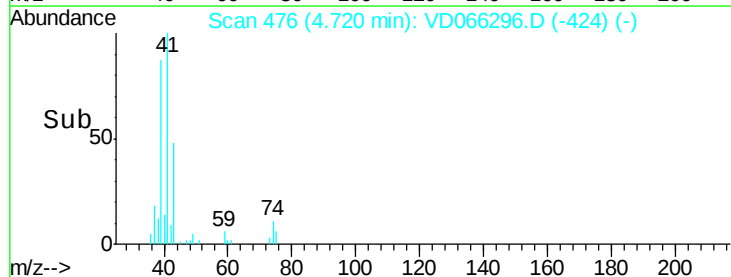
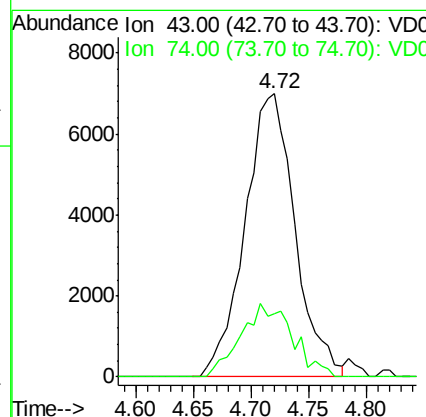
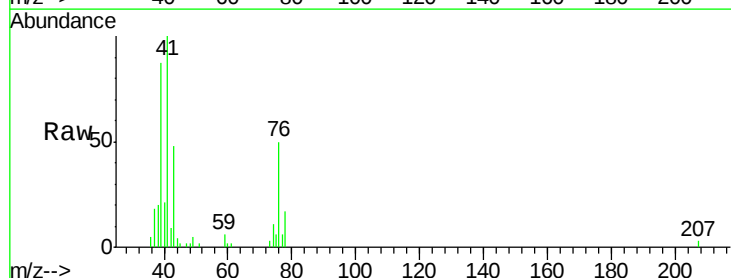
Manual Integrations
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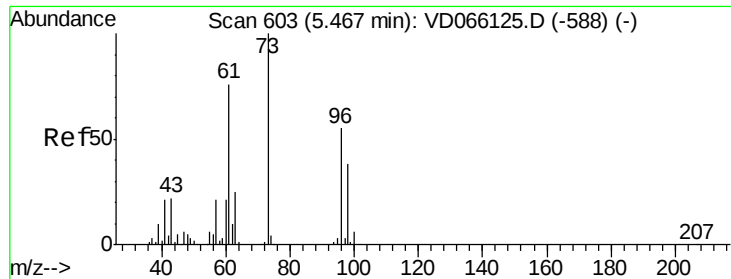
MMDadoda
8/19/2020 5:23:34 PM



#18
Methyl Acetate
Concen: 21.782 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.2	31.8





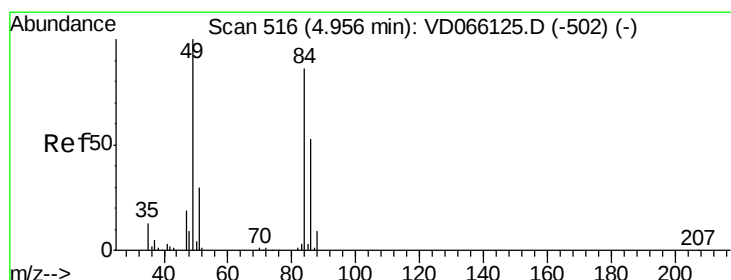
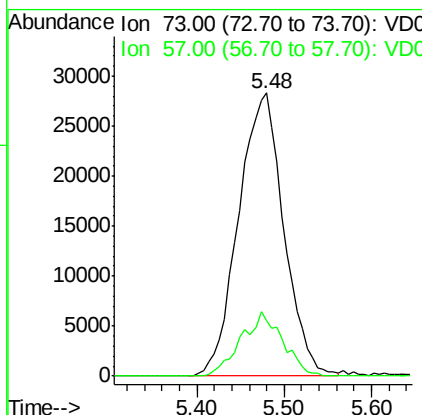
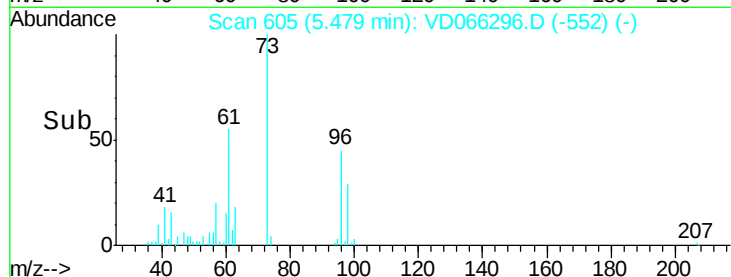
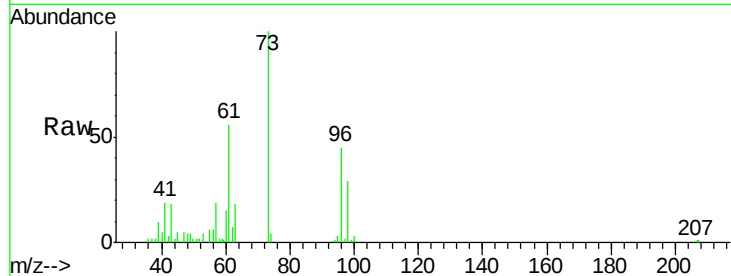
#19
Methvl tert-butvl Ether
Concen: 21.793 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion: 73 Resp: 99926
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7

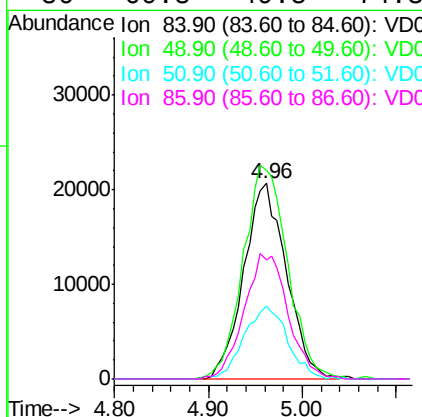
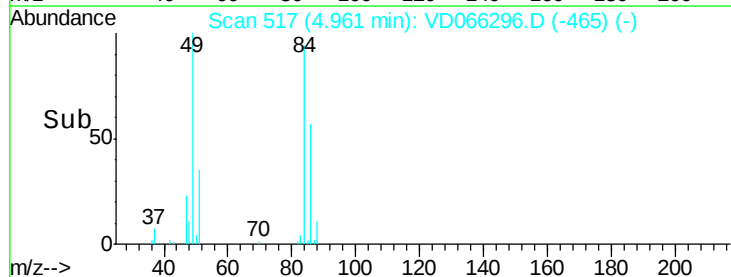
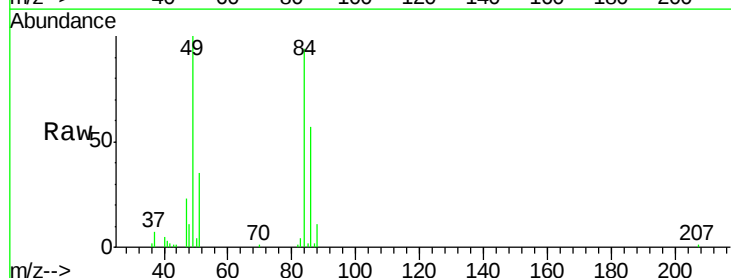
Manual Integrations
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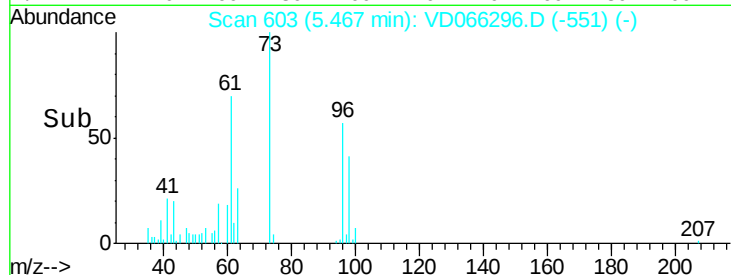
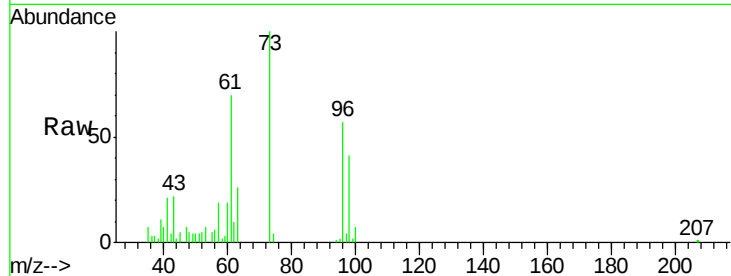
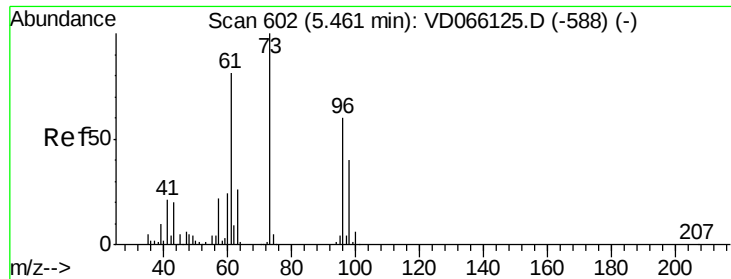
MMDadoda
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#20
Methylene Chloride
Concen: 27.373 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion: 84 Resp: 64746
Ion Ratio Lower Upper
84 100
49 106.9 93.5 140.3
51 37.4 28.2 42.4
86 60.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 20.096 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tot Ion:	96	Resp:	46183
Ion	Ratio	Lower	Upper
96	100		
61	123.8	106.9	160.3
98	72.1	53.4	80.0

Instrument :

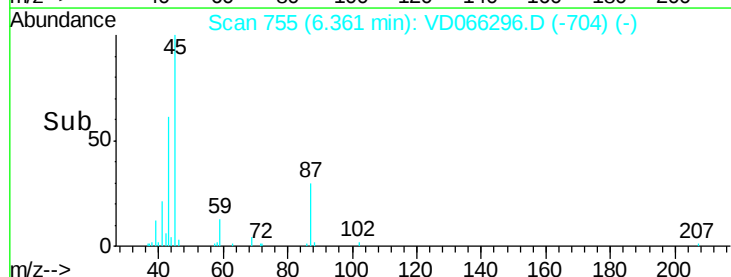
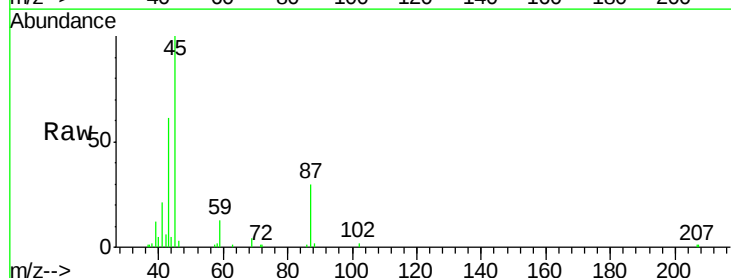
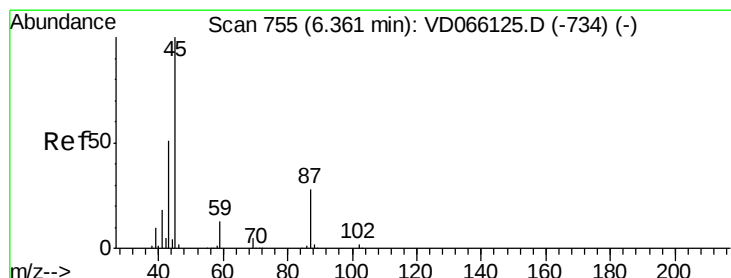
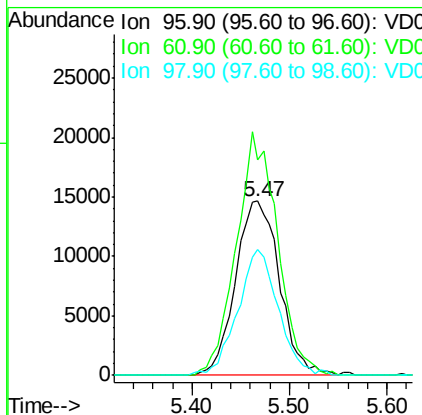
MSVOA_D

ClientSampleId :

VD0818SBS02

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.935 ug/l

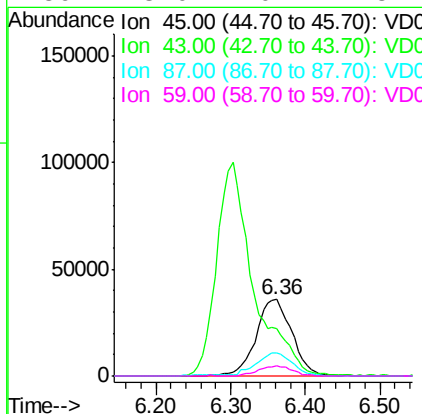
RT: 6.36 min Scan# 755

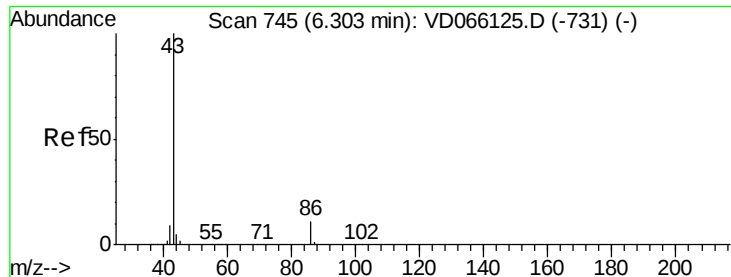
Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion:	45	Resp:	119474
Ion	Ratio	Lower	Upper
45	100		
43	60.1	41.2	61.8
87	30.3	22.8	34.2
59	13.0	10.2	15.2





#23

Vinyl Acetate

Concen: 98.474 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion: 43 Resp: 345751

Ion Ratio Lower Upper

43 100

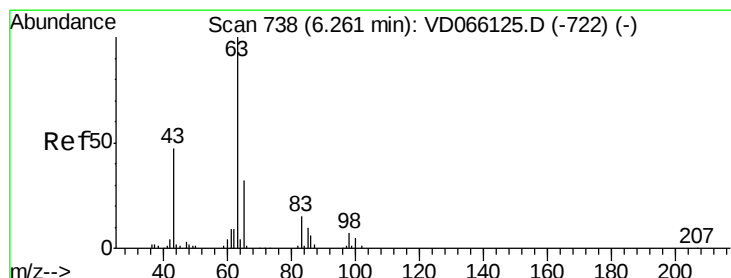
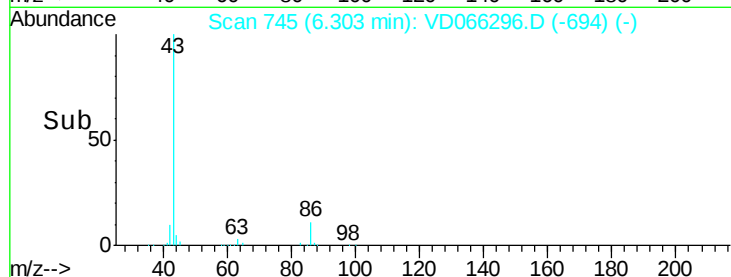
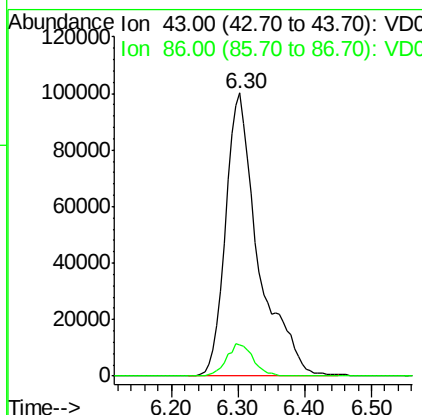
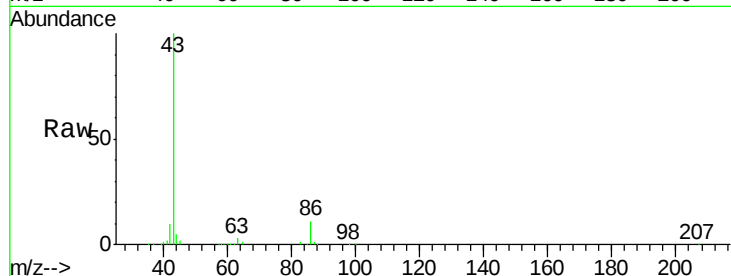
86 10.9 9.1 13.7

Manual Integrations

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MMDadoda

8/19/2020 5:23:34 PM



#24

1,1-Dichloroethane

Concen: 20.892 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

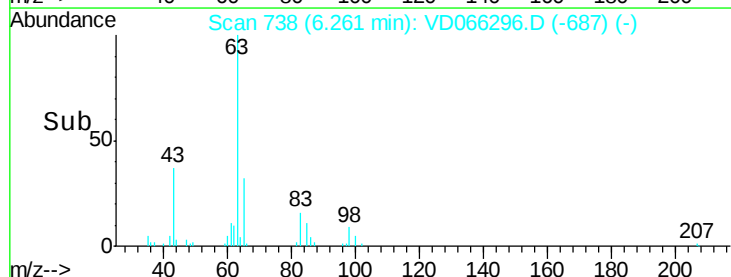
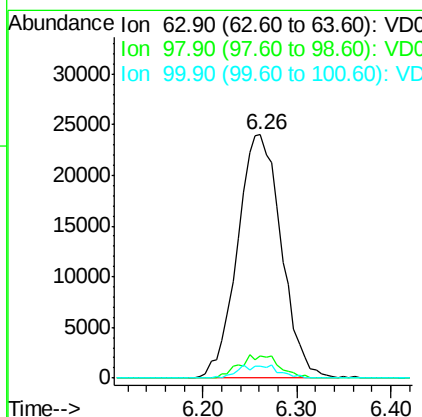
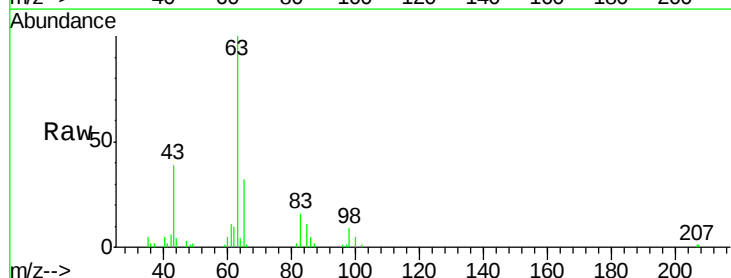
Tgt Ion: 63 Resp: 77490

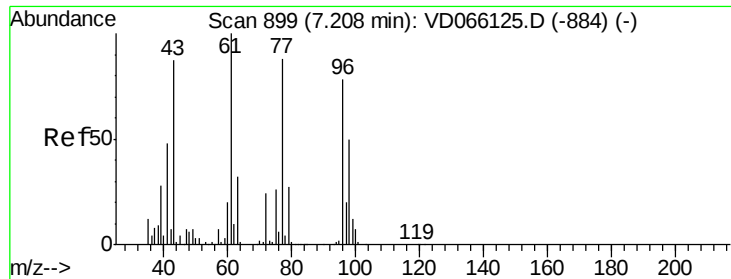
Ion Ratio Lower Upper

63 100

98 9.0 3.5 10.5

100 4.7 2.4 7.2





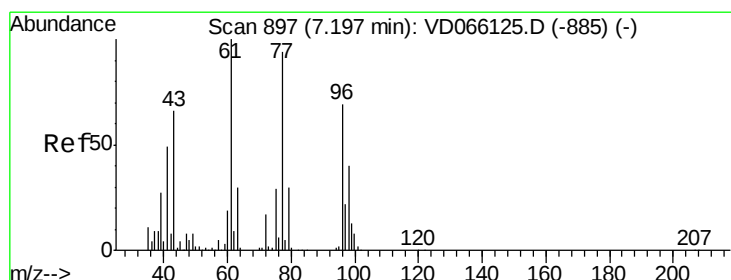
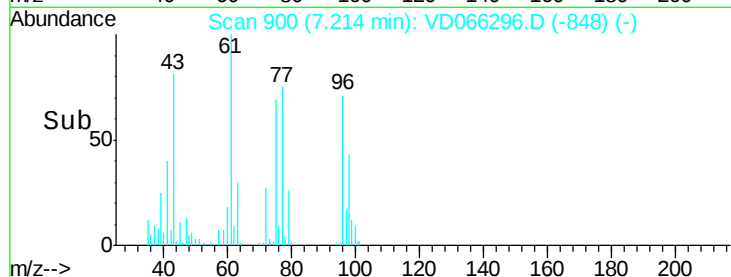
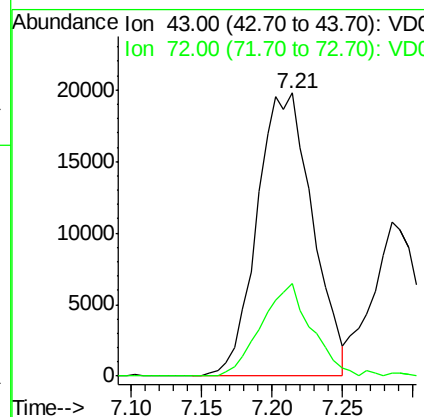
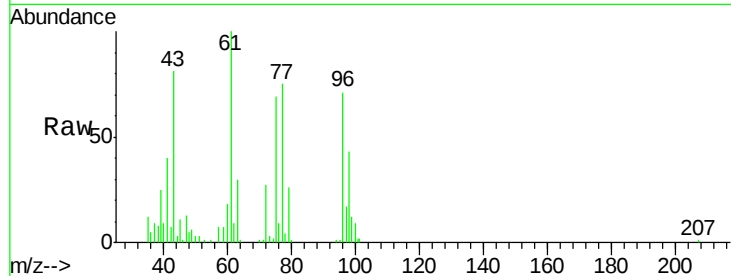
#25
2-Butanone
Concen: 96.636 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion: 43 Resp: 54349
Ion Ratio Lower Upper
43 100
72 32.8 22.2 33.2

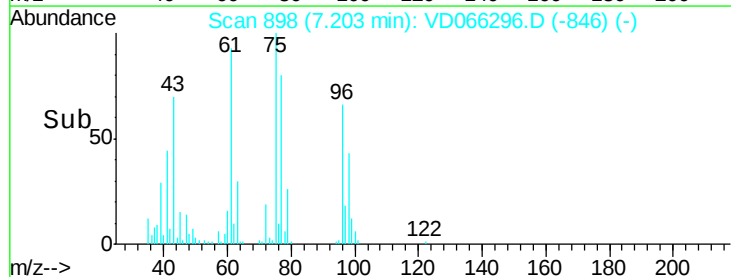
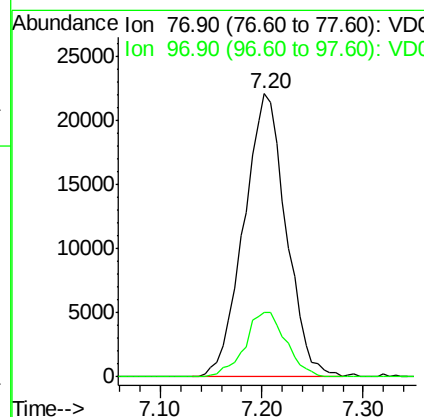
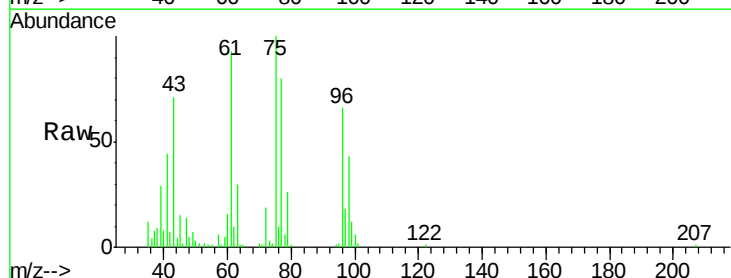
Manual Integrations
APPROVED

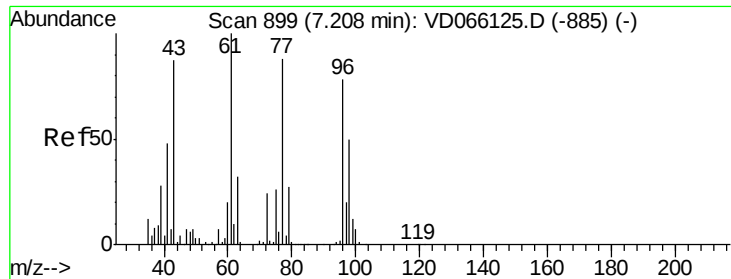
MMDadoda
8/19/2020 5:23:34 PM



#26
2,2-Dichloropropane
Concen: 19.189 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion: 77 Resp: 63790
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.3





#27

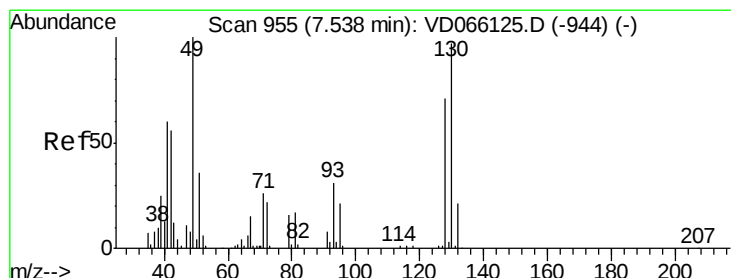
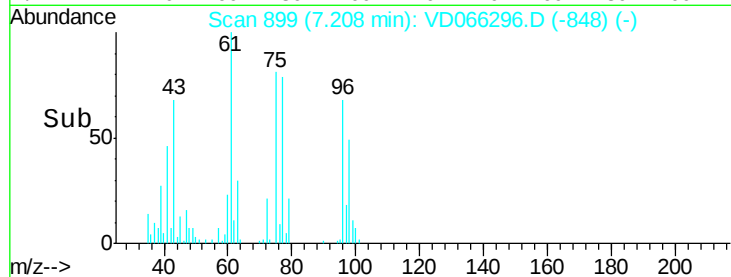
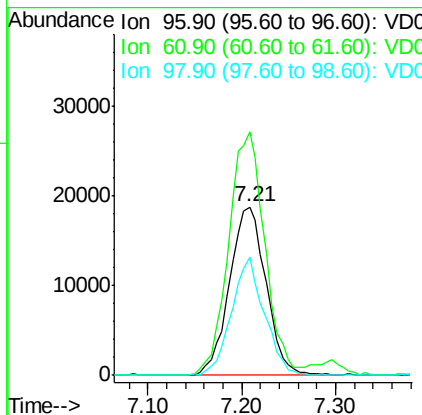
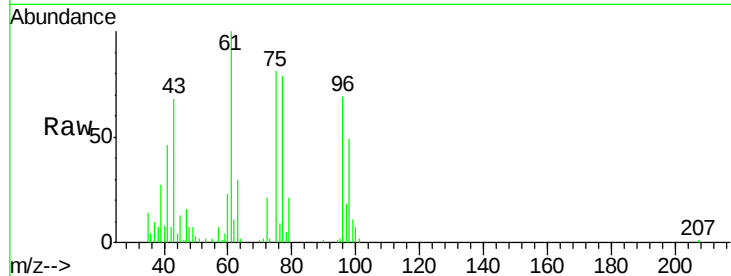
cis-1,2-Dichloroethene
 Concen: 21.052 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	281.6
98	62.6	0.0	130.8

Manual Integrations
 APPROVED

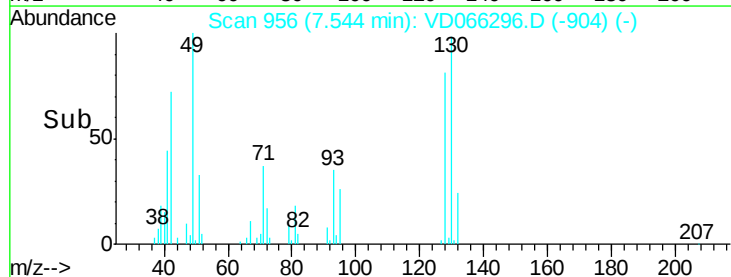
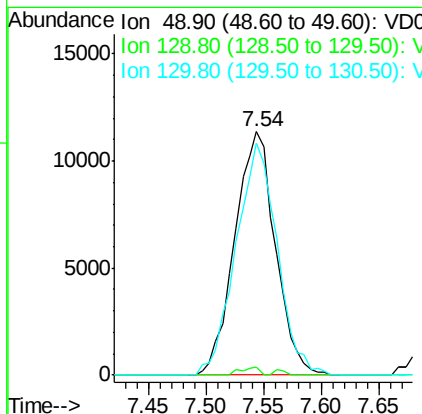
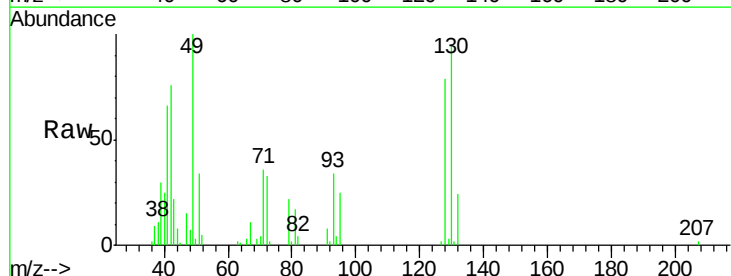
MMDadoda
 8/19/2020 5:23:34 PM

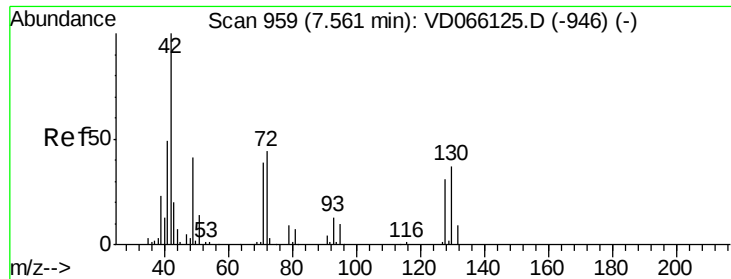


#28

Bromochloromethane
 Concen: 21.371 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	6.0
130	96.6	73.8	110.6





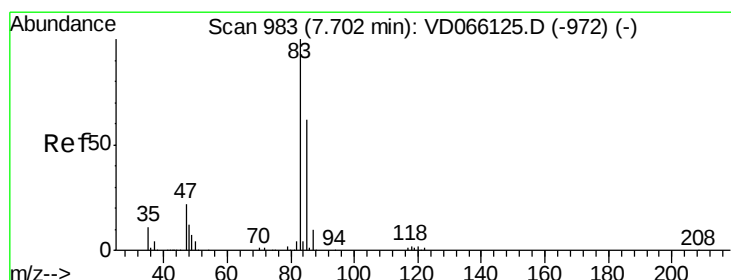
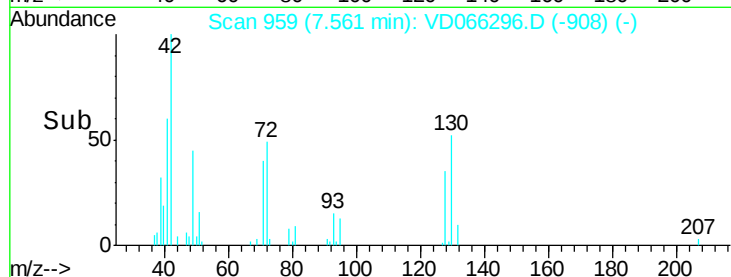
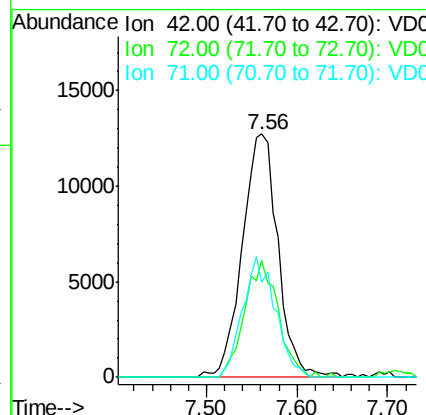
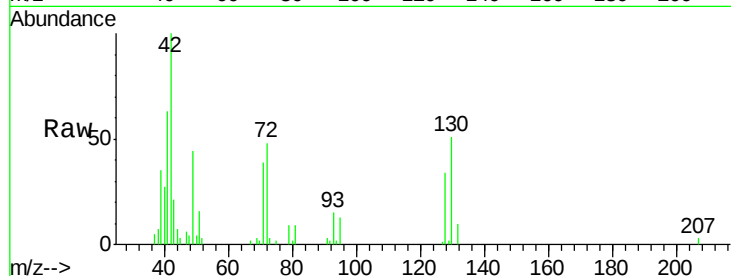
#29
Tetrahydrofuran
Concen: 99.653 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.8	52.2
71	45.3	33.5	50.3

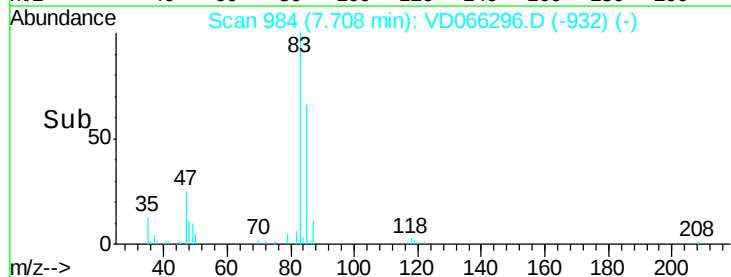
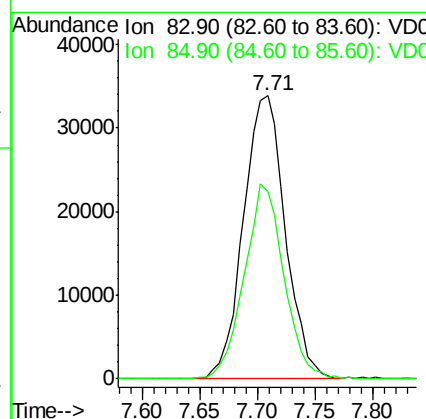
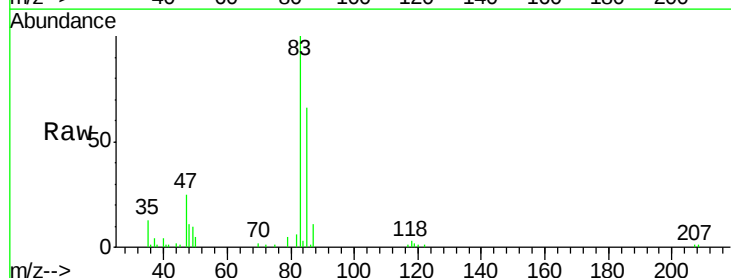
Manual Integrations
APPROVED

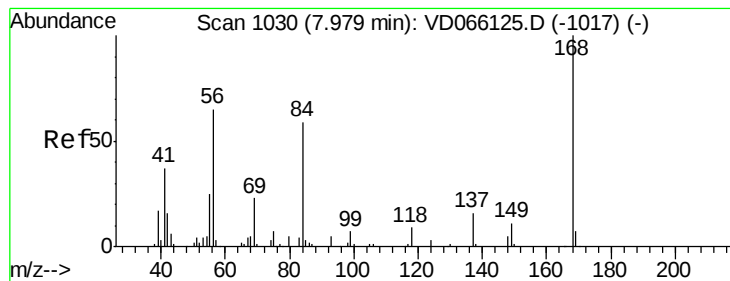
MMDadoda
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#30
Chloroform
Concen: 21.936 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.5	74.3





#31

Cyclohexane

Concen: 17.322 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

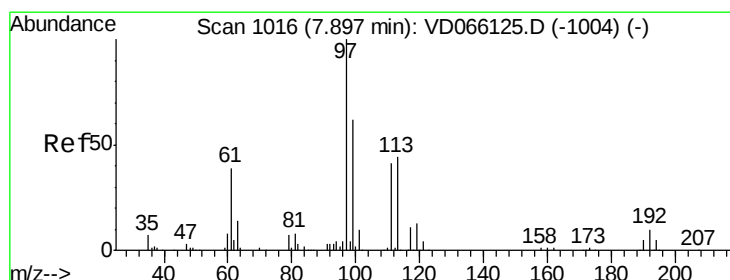
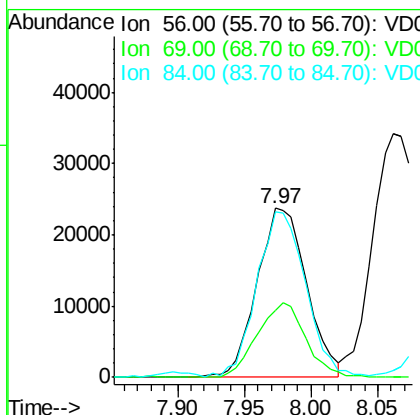
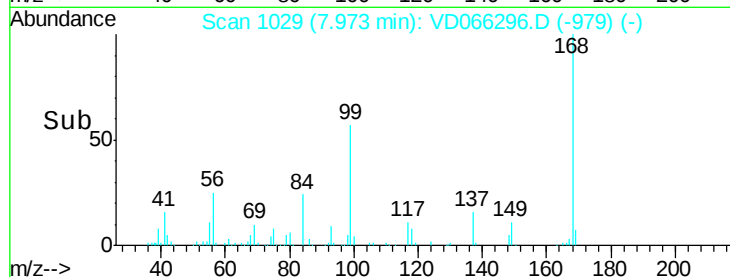
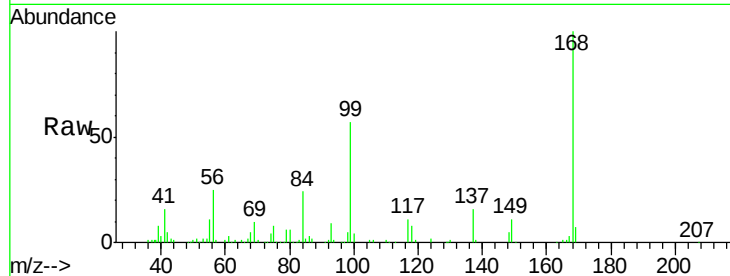
ClientSampleId :

VD0818SBS02

Tot Ion:	56	Resp:	61156
Ion Ratio	Lower	Upper	
56	100		
69	39.3	28.8	43.2
84	95.4	73.0	109.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.733 ug/l

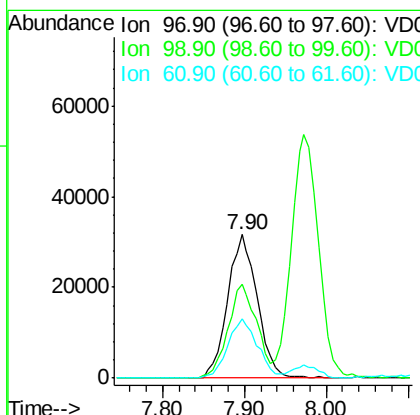
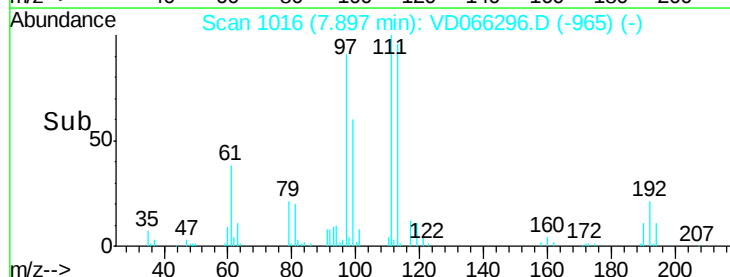
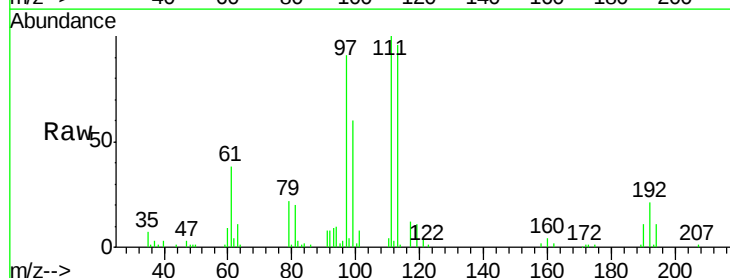
RT: 7.90 min Scan# 1016

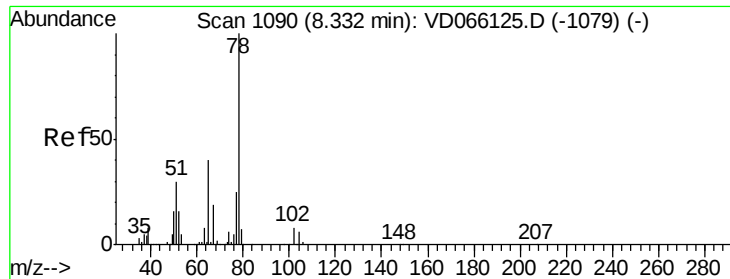
Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion:	97	Resp:	79361
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.1	76.7
61	41.8	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 62.308 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion: 65 Resp: 125568

Ion Ratio Lower Upper

65 100

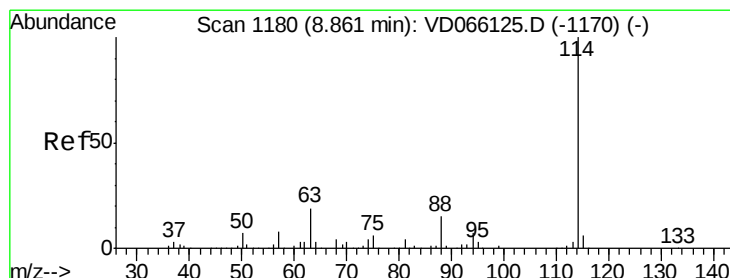
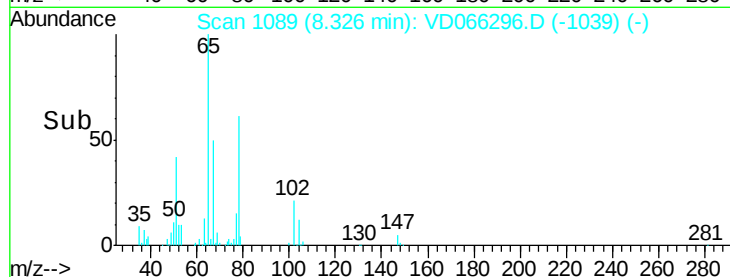
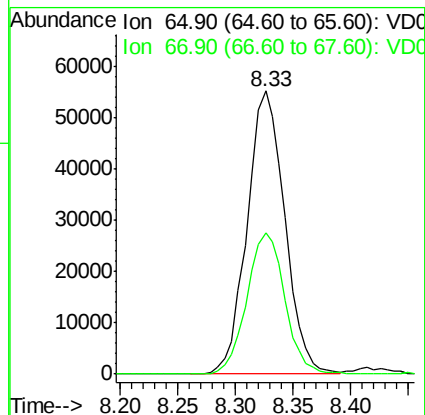
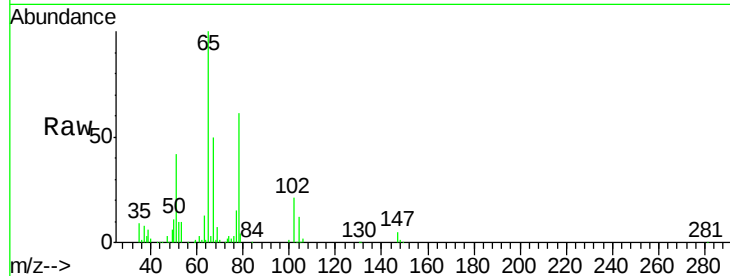
67 50.1 0.0 104.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

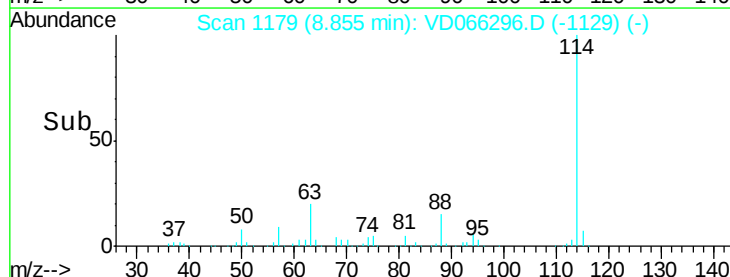
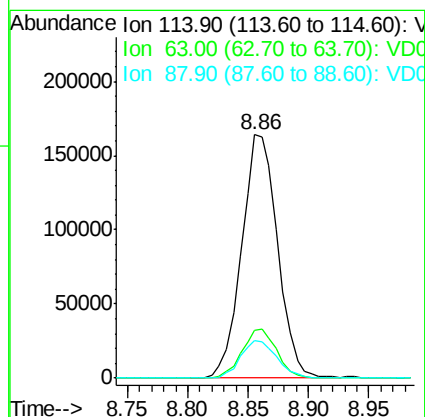
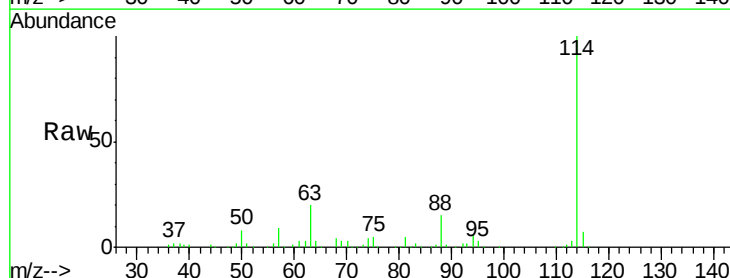
Tgt Ion: 114 Resp: 340029

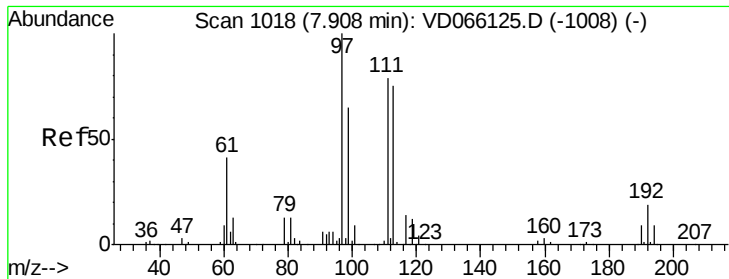
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.3 0.0 30.0





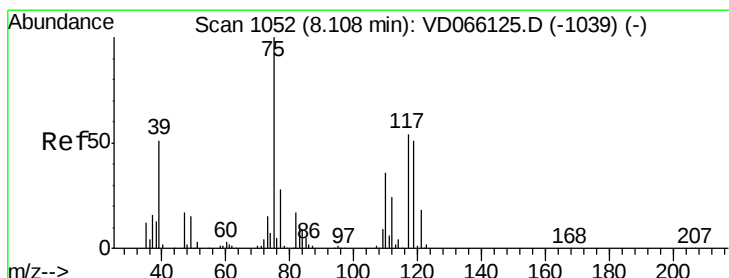
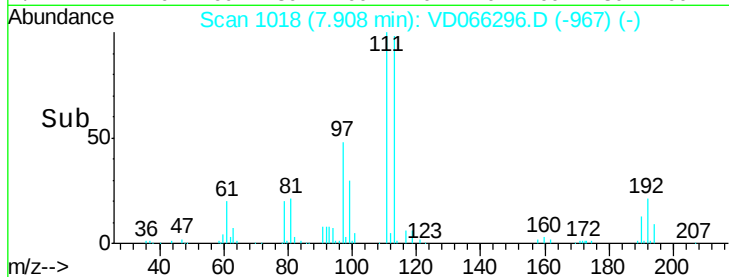
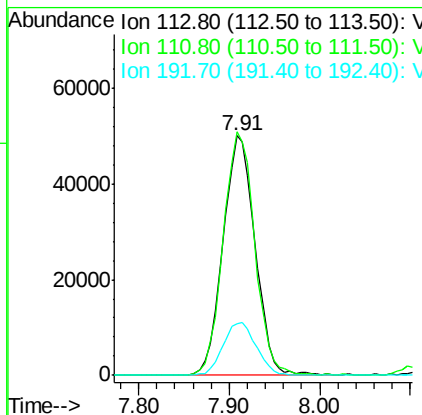
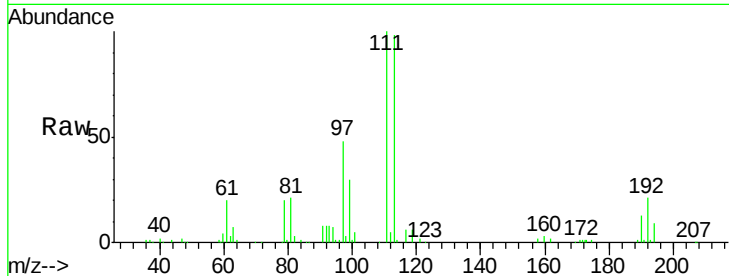
#35
Dibromofluoromethane
Concen: 57.143 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123088		
111	100.0	80.7	121.1	
192	22.8	18.4	27.6	

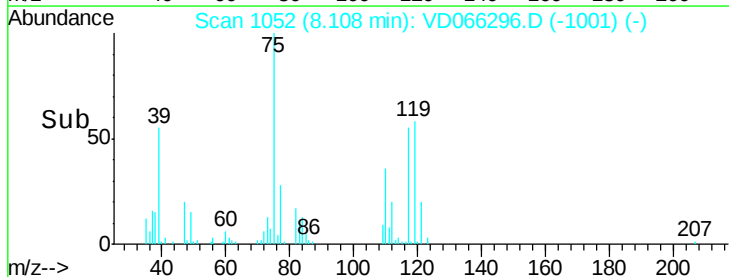
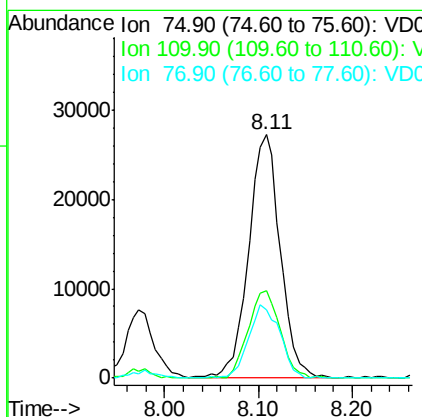
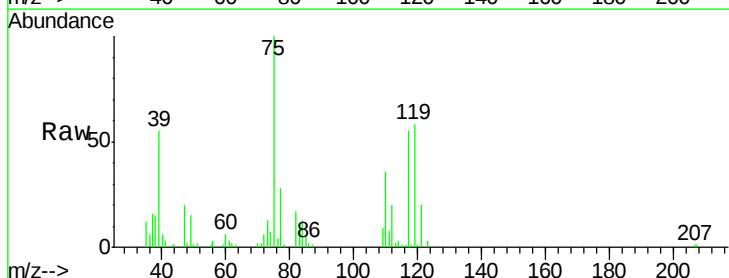
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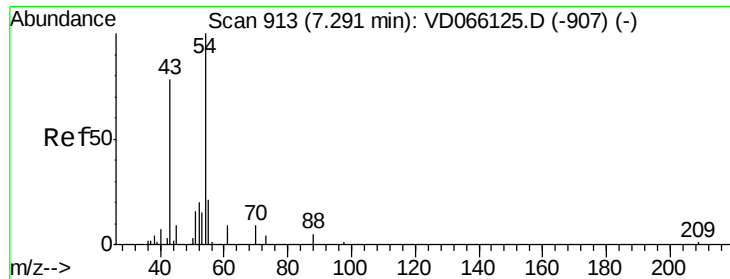
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.916 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63636		
110	36.2	18.8	56.3	
77	29.6	24.2	36.2	





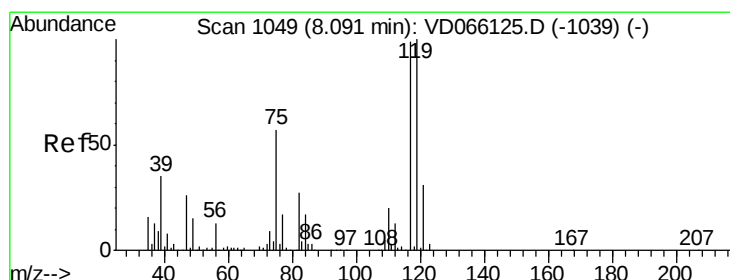
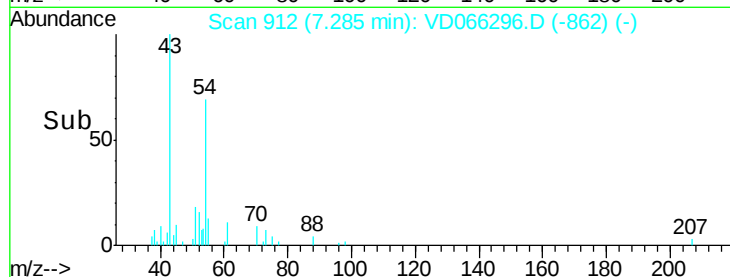
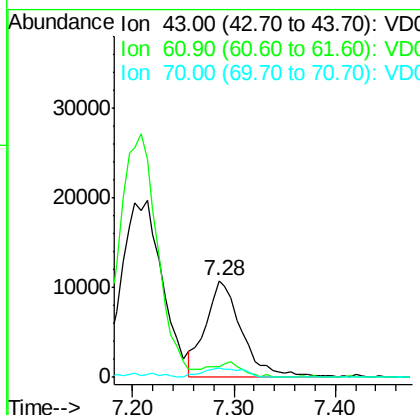
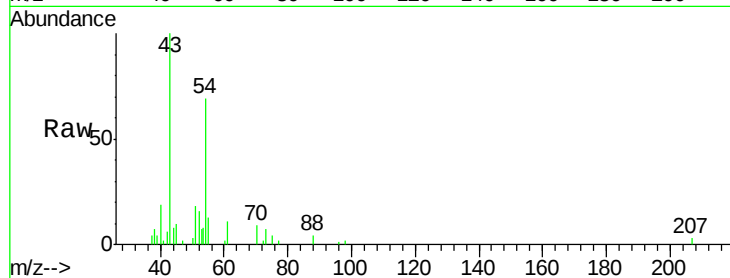
#37
Ethyl Acetate
Concen: 21.165 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	10.6	9.7	14.5

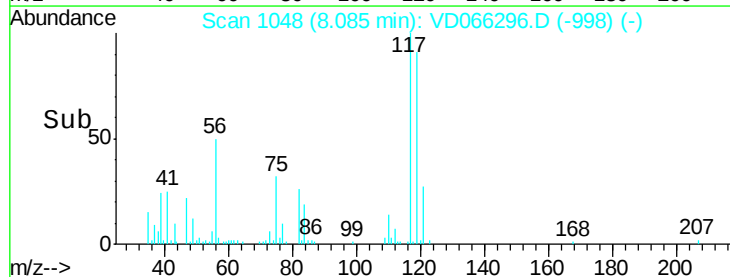
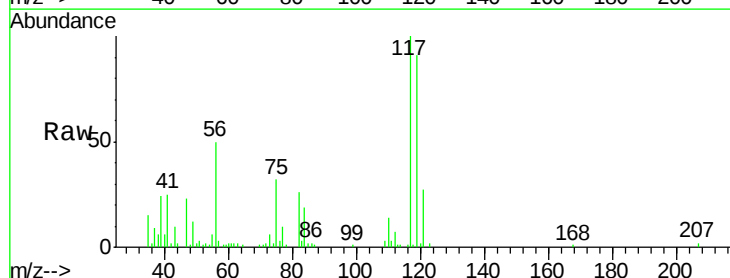
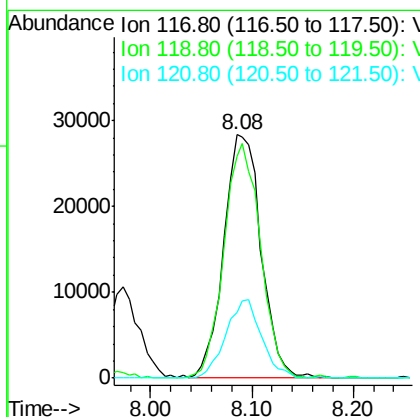
Manual Integrations
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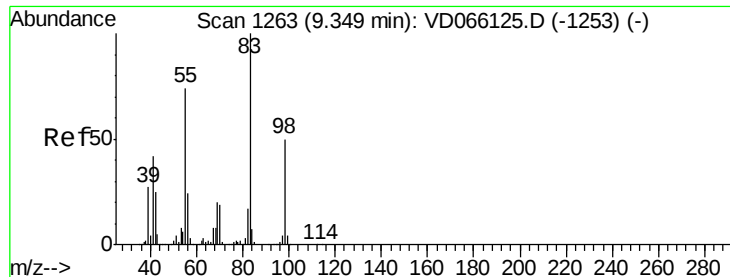
MMDadoda
8/19/2020 5:23:34 PM



#38
Carbon Tetrachloride
Concen: 20.362 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	81.0	121.4
121	27.2	24.8	37.2





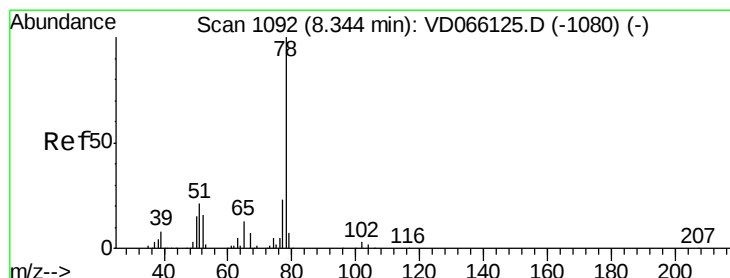
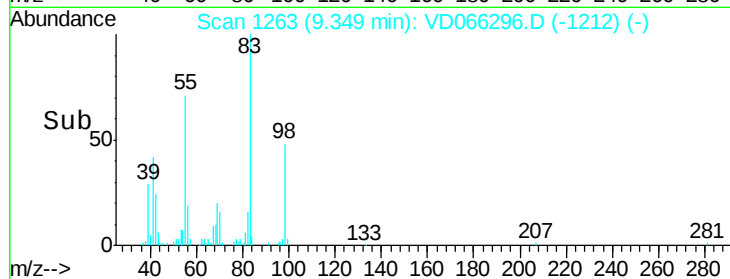
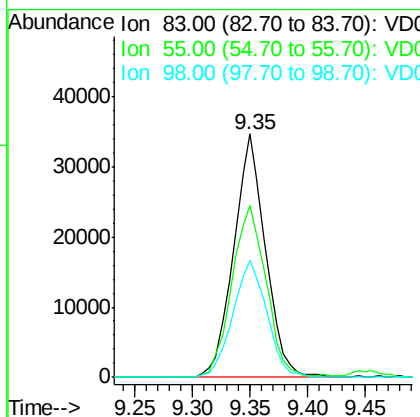
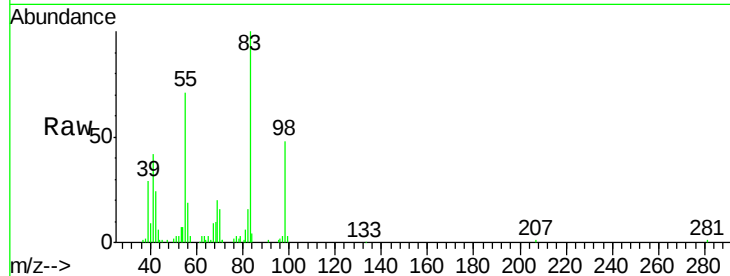
#39
Methvlcvclohexane
Concen: 17.172 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	59.2	88.8
98	48.1	39.8	59.6

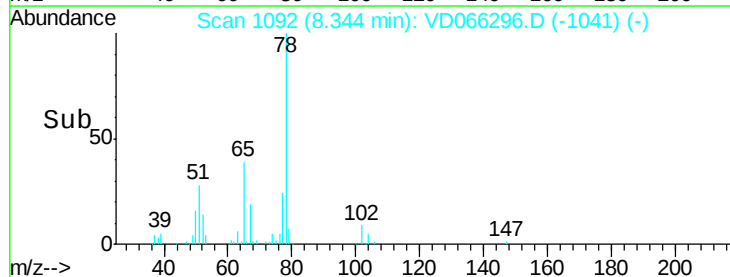
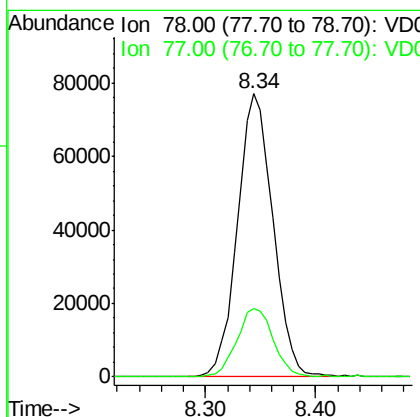
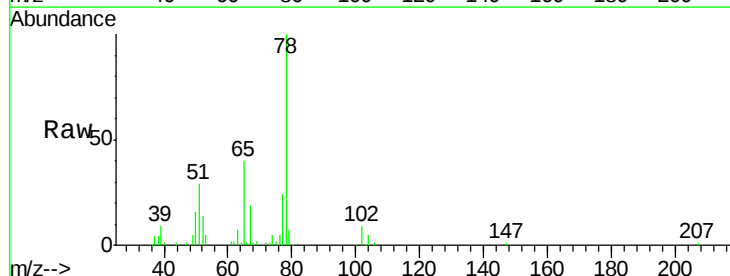
Manual Integrations
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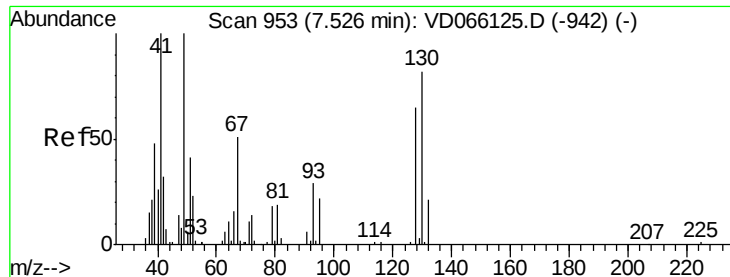
MMDadoda
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#40
Benzene
Concen: 19.639 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





#41

Methacrylonitrile

Concen: 17.208 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion: 41 Resp: 12809

Ion Ratio Lower Upper

41 100

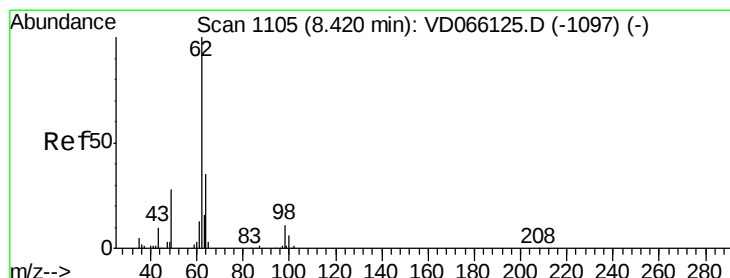
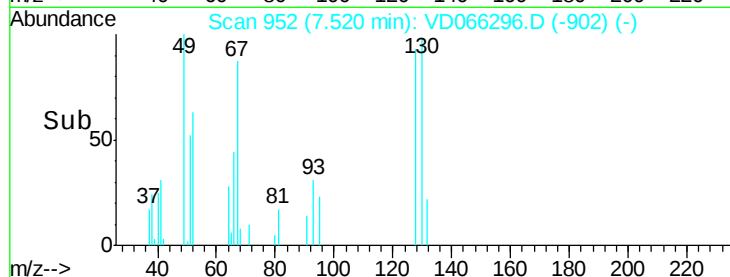
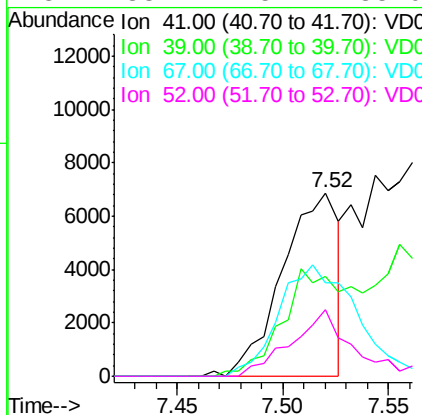
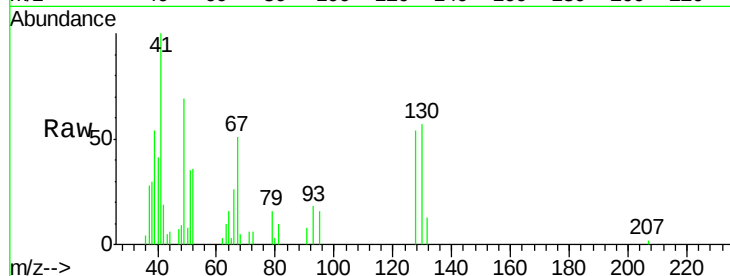
39 73.4 47.5 71.3#

67 82.5 59.1 88.7

52 38.4 25.4 38.0#

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#42

1,2-Dichloroethane

Concen: 21.681 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066296.D

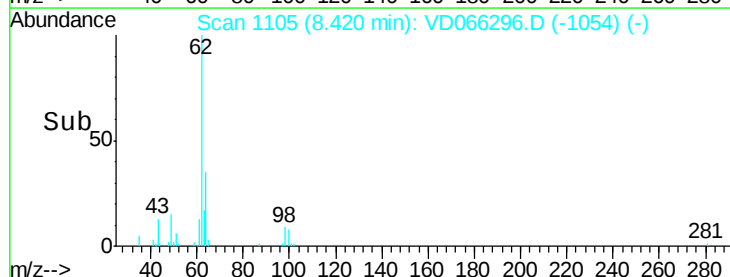
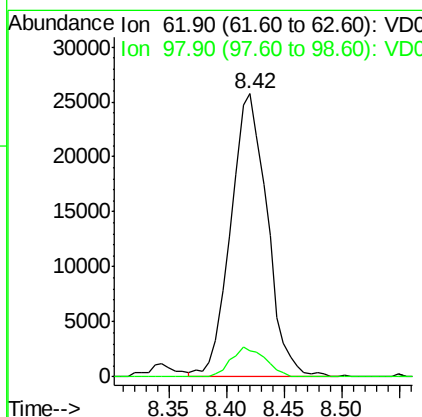
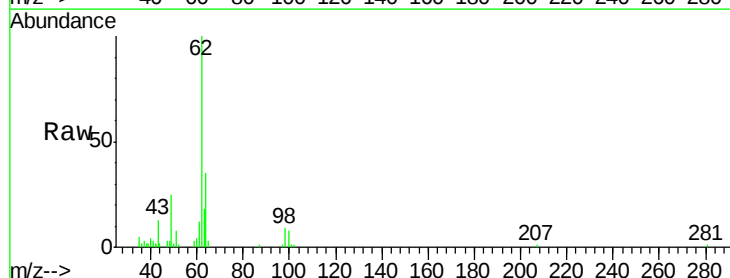
Acq: 19 Aug 2020 01:46

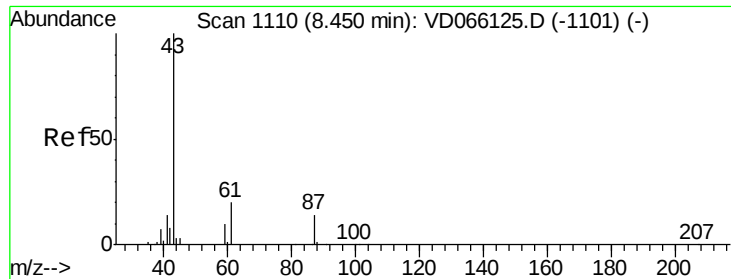
Tgt Ion: 62 Resp: 56457

Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 19.748 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

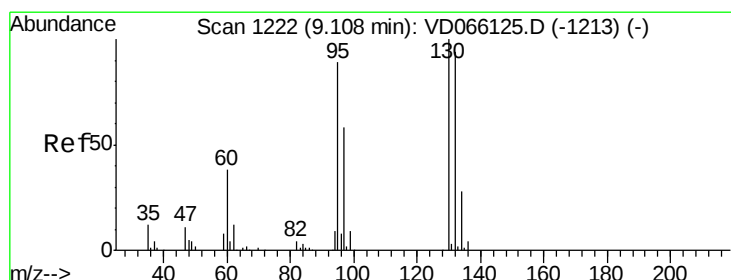
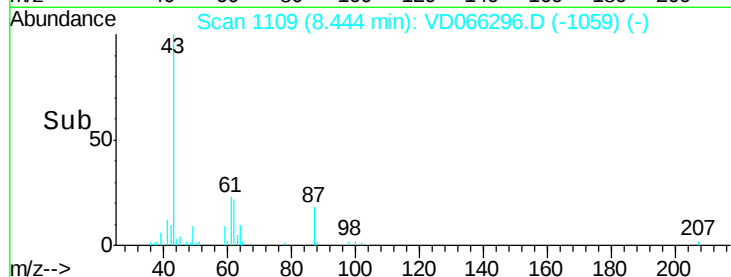
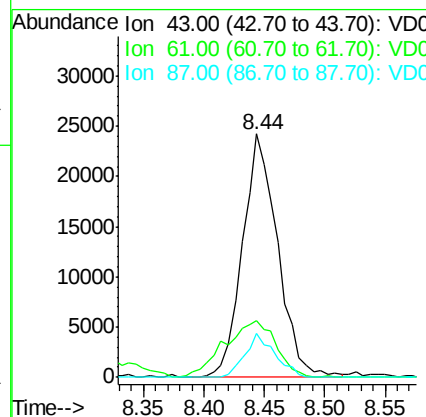
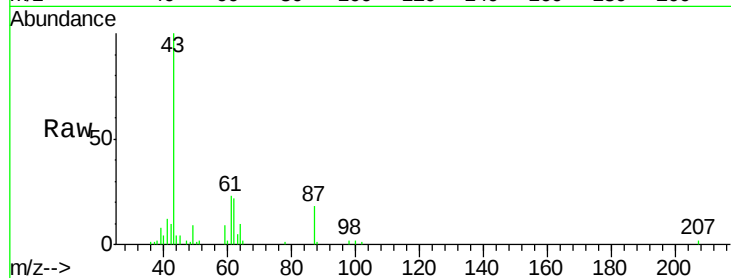
ClientSampleId :

VD0818SBS02

Tot Ion:	43	Resp:	49258
Ion	Ratio	Lower	Upper
43	100		
61	33.9	25.5	38.3
87	15.4	11.2	16.8

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#44

Trichloroethene

Concen: 20.105 ug/l

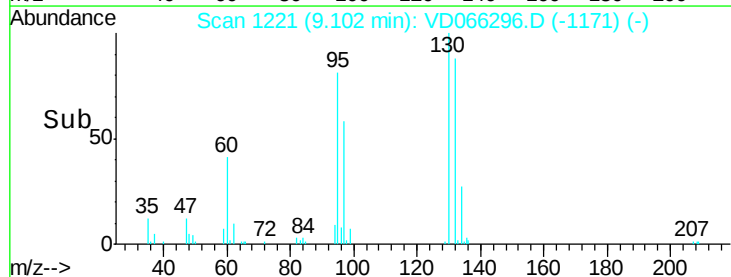
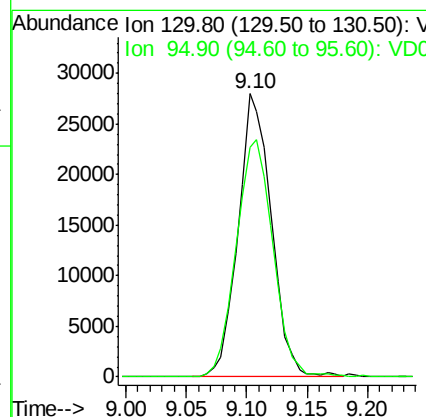
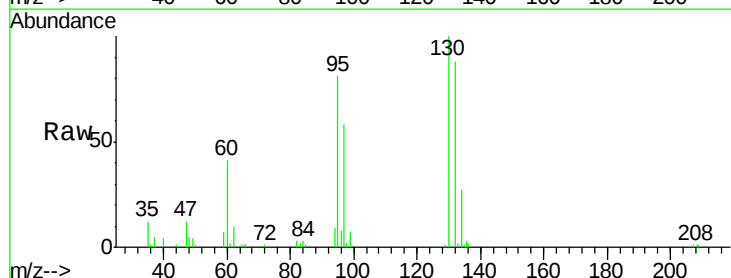
RT: 9.10 min Scan# 1221

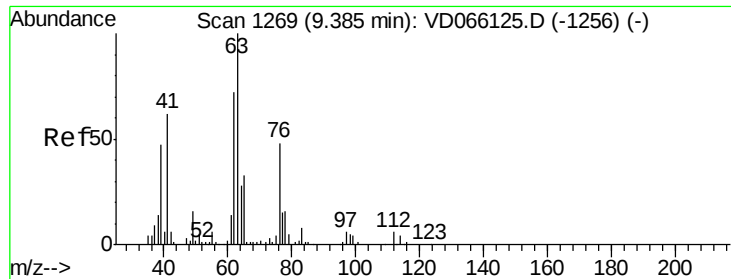
Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion:	130	Resp:	53701
Ion	Ratio	Lower	Upper
130	100		
95	81.2	0.0	178.4





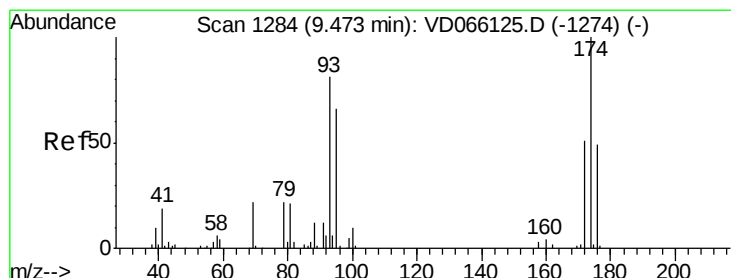
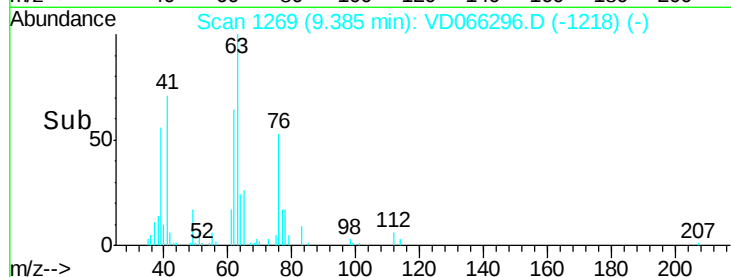
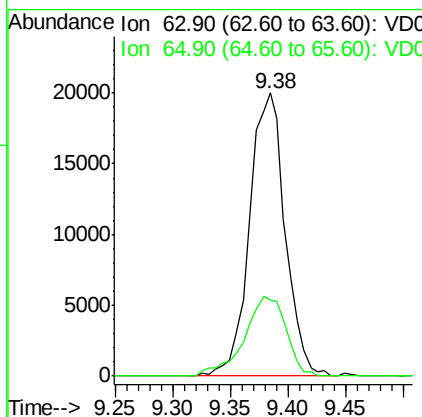
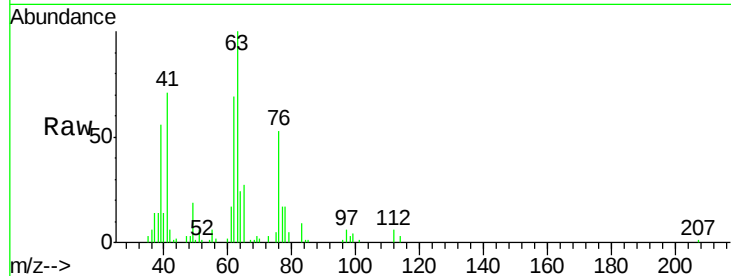
#45
 1,2-Dichloropropane
 Concen: 19.823 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	26.6	26.5	39.7

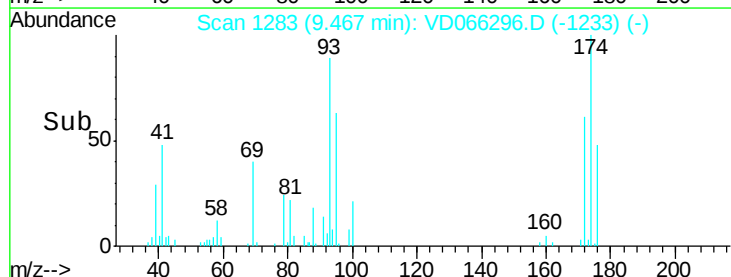
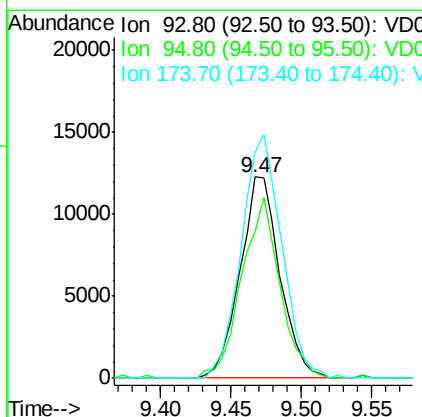
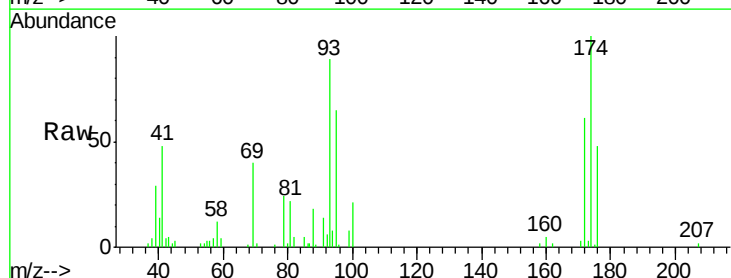
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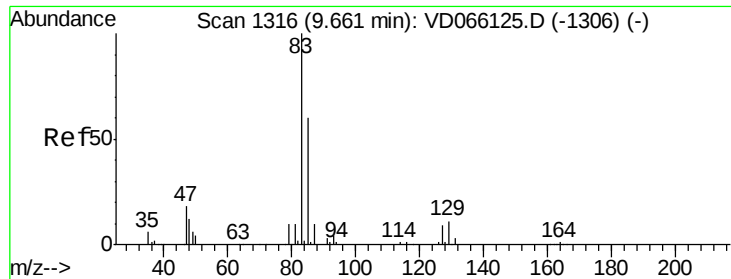
MMDadoda
 8/19/2020 5:23:34 PM



#46
 Dibromomethane
 Concen: 20.326 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.9	65.8	98.6
174	123.0	92.8	139.2





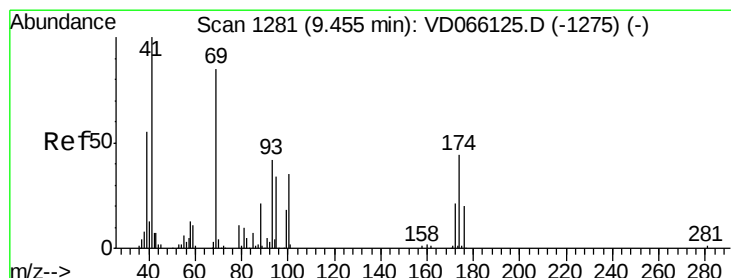
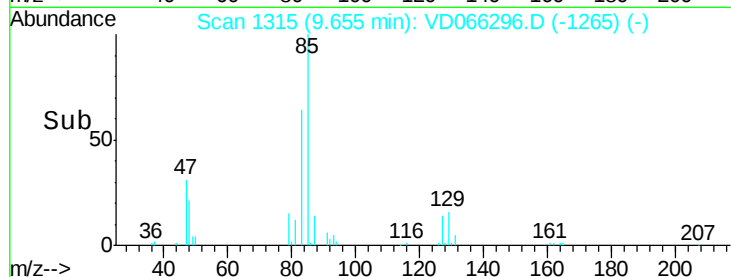
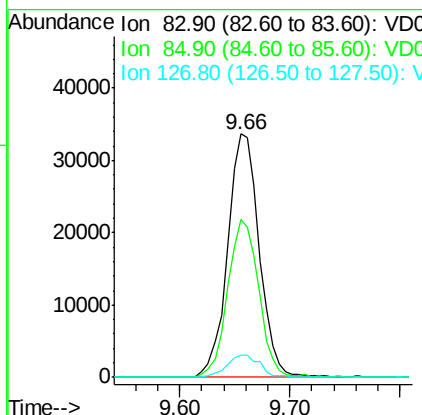
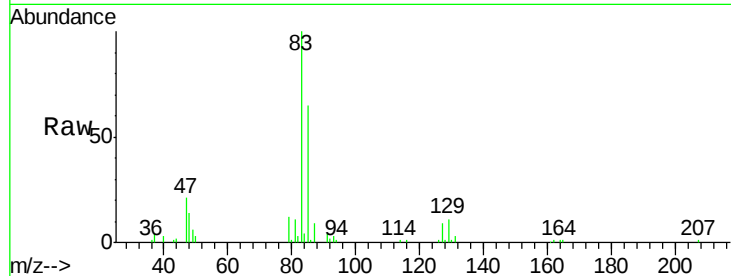
#47
Bromodichloromethane
Concen: 21.378 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	83	Resp	67471
Ion Ratio	100	Lower	Upper
85	64.6	48.2	72.4
127	9.3	7.3	10.9

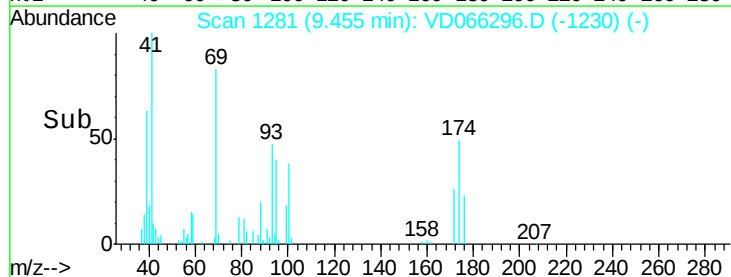
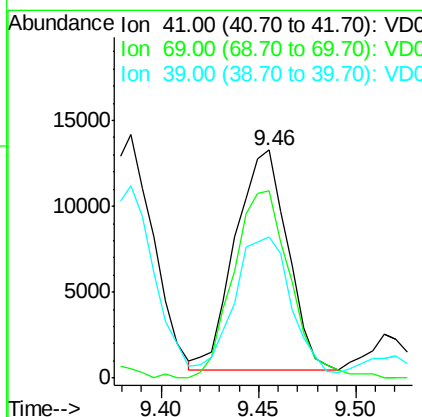
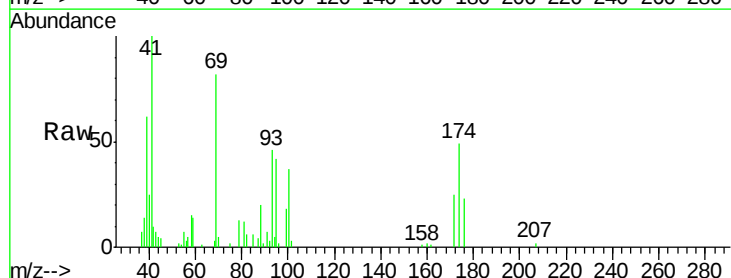
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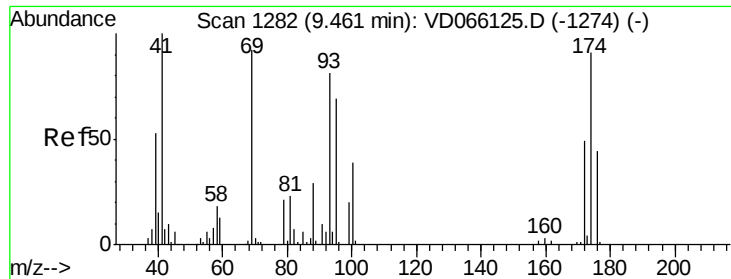
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#48
Methyl methacrylate
Concen: 18.746 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	41	Resp	23876
Ion Ratio	100	Lower	Upper
69	92.1	63.9	95.9
39	71.6	42.6	64.0#





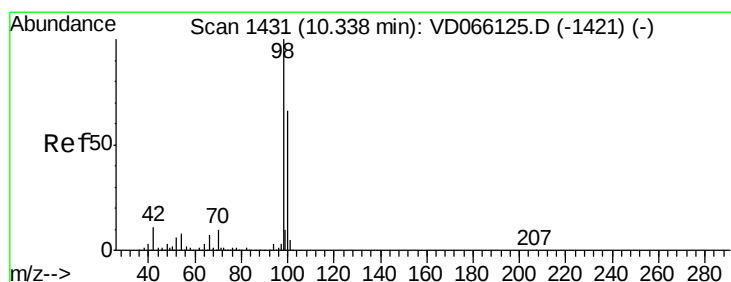
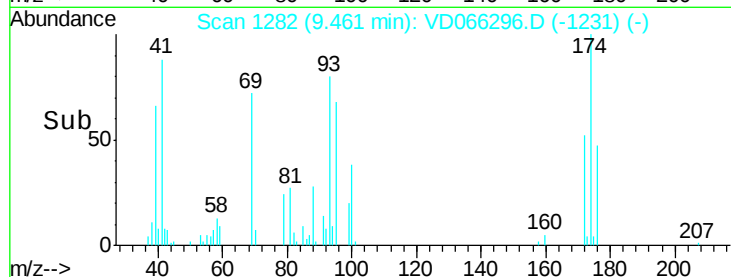
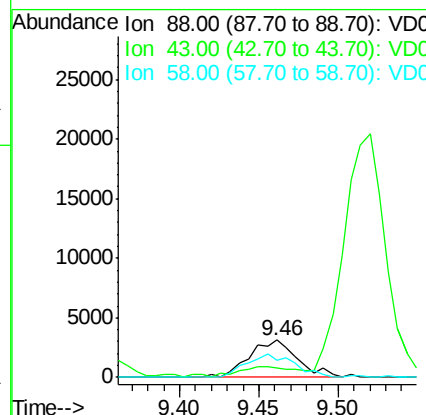
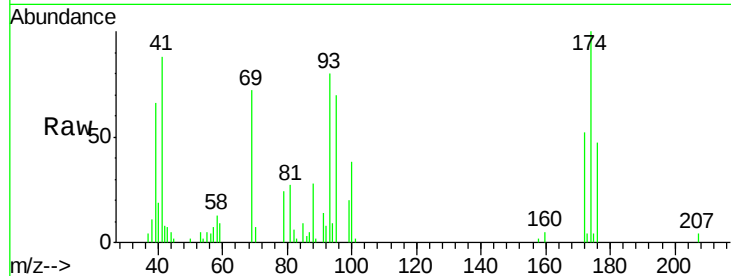
#49
1,4-Dioxane
Concen: 422.387 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	88	Resp	6480
Ion	Ratio	Lower	Upper
88	100		
43	35.0	27.5	41.3
58	63.8	50.2	75.4

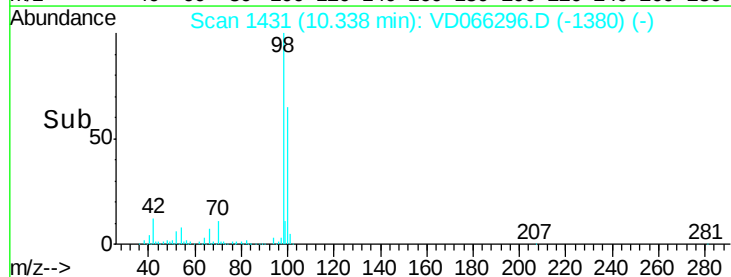
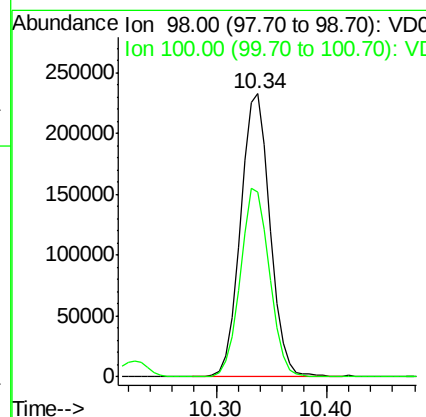
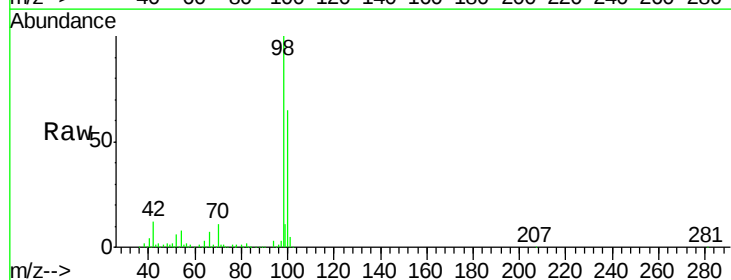
Manual Integrations
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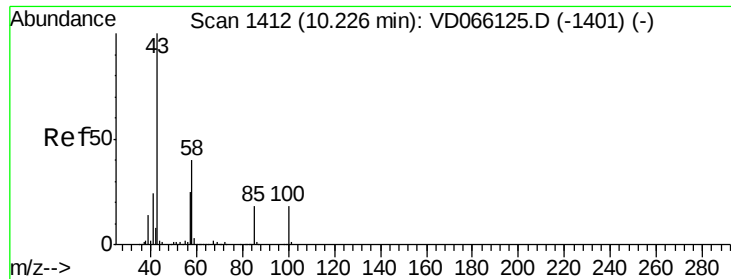
MMDadoda
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#50
Toluene-d8
Concen: 55.018 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	98	Resp	437337
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 100.886 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion: 43 Resp: 129262

Ion Ratio Lower Upper

43 100

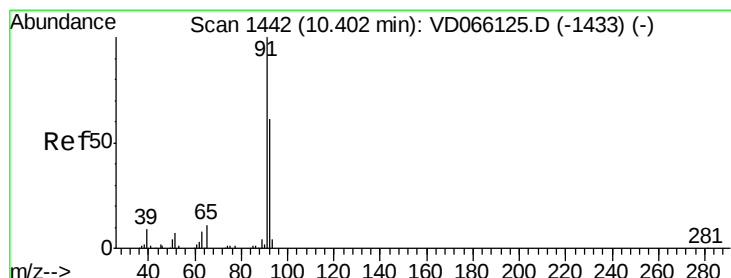
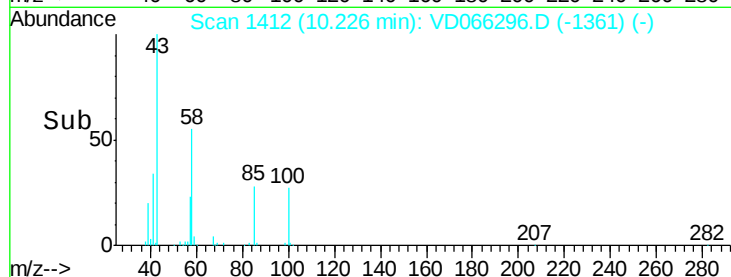
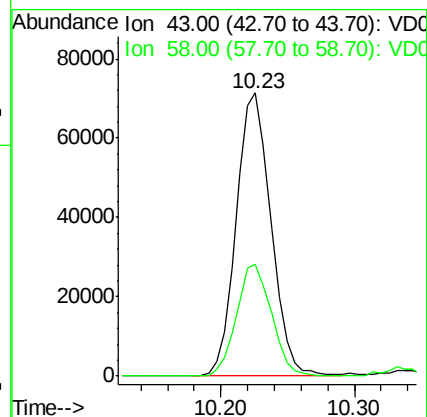
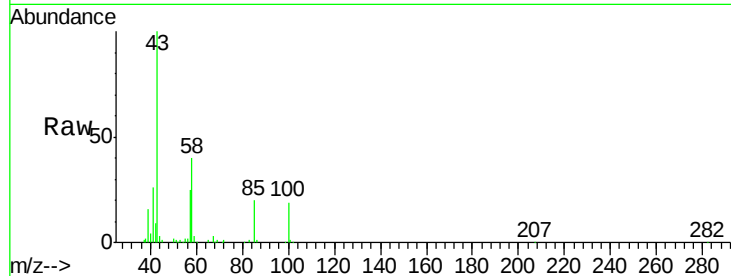
58 39.6 31.1 46.7

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#52

Toluene

Concen: 20.356 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066296.D

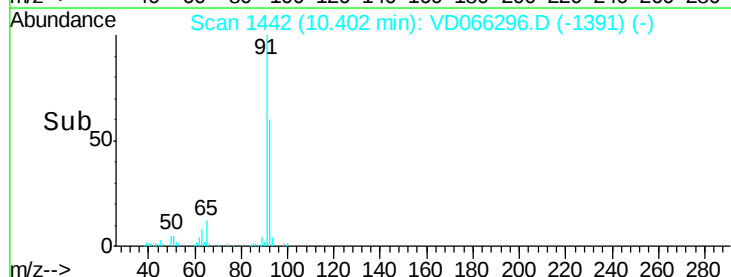
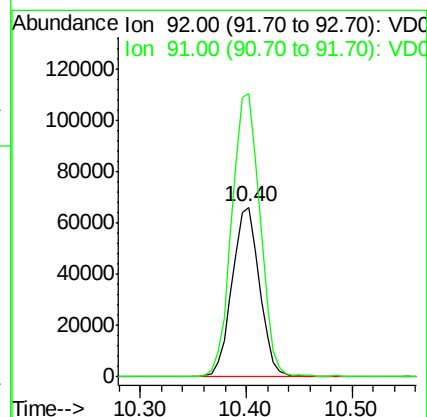
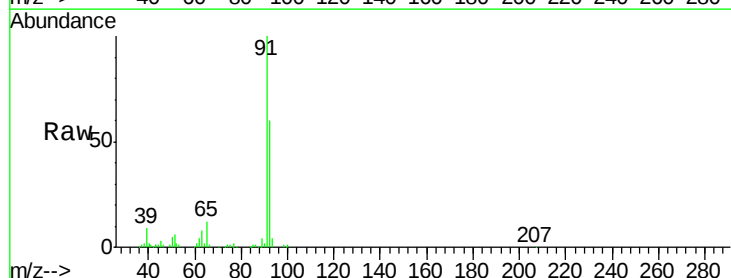
Acq: 19 Aug 2020 01:46

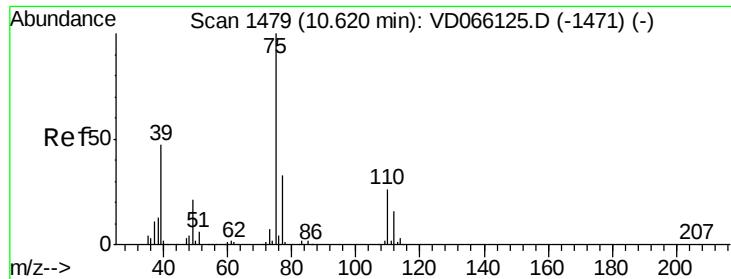
Tgt Ion: 92 Resp: 118729

Ion Ratio Lower Upper

92 100

91 172.0 135.2 202.8





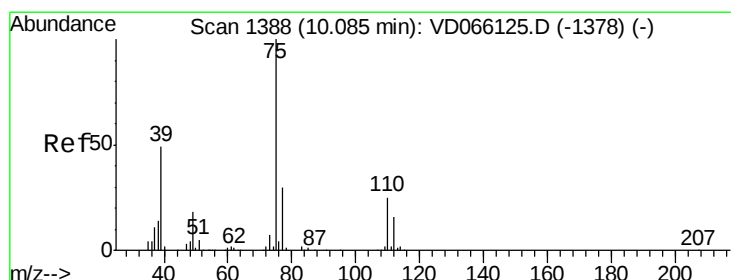
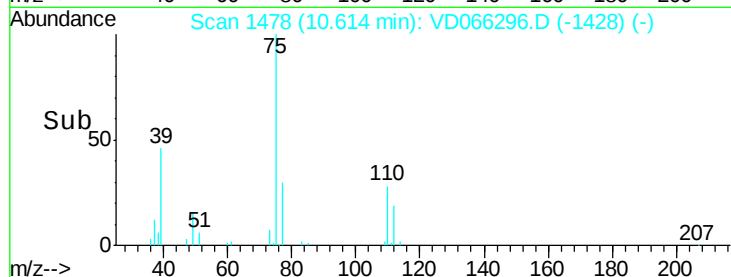
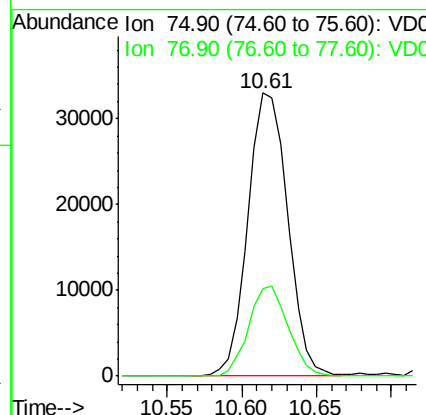
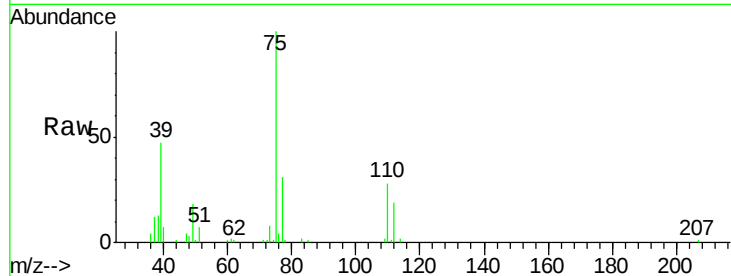
#53
 t-1,3-Dichloropropene
 Concen: 20.381 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion: 75 Resp: 61044
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.2

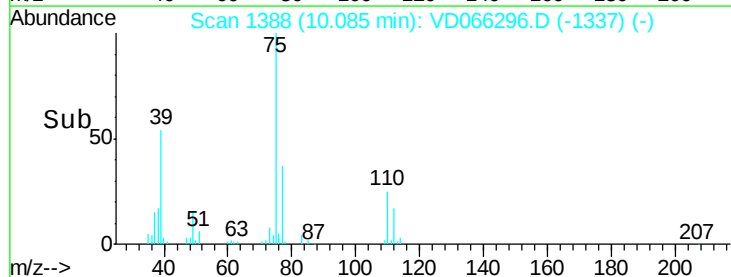
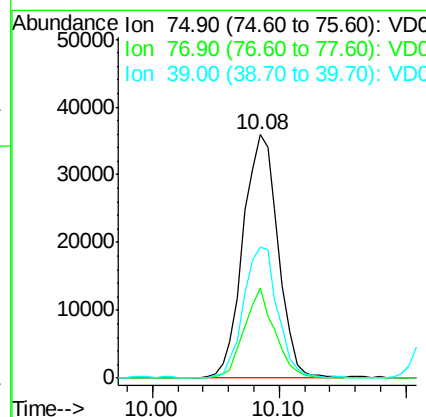
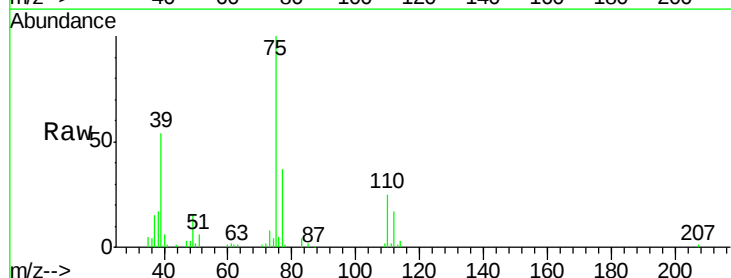
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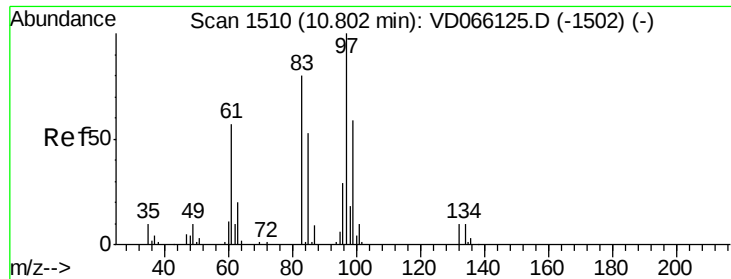
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#54
 cis-1,3-Dichloropropene
 Concen: 19.649 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion: 75 Resp: 68953
 Ion Ratio Lower Upper
 75 100
 77 36.9 24.3 36.5#
 39 53.9 39.3 58.9





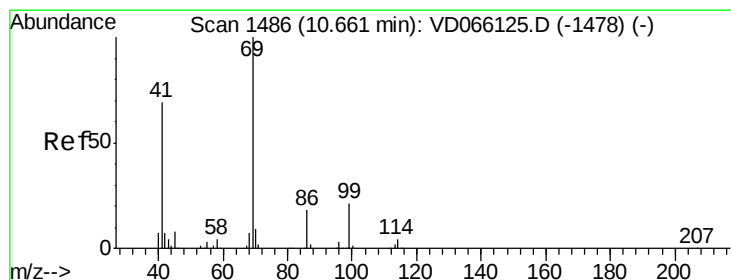
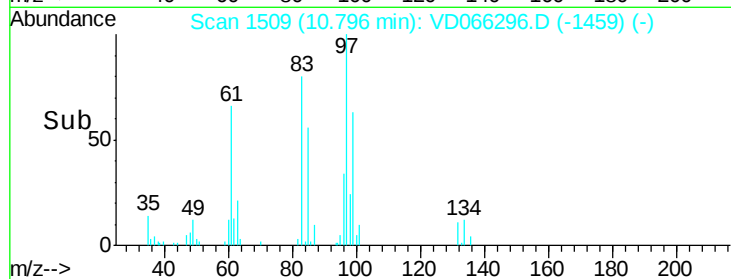
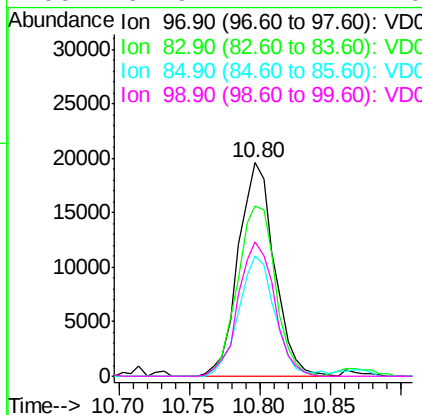
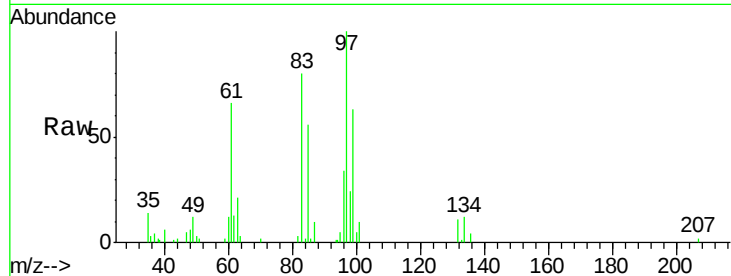
#55
 1,1,2-Trichloroethane
 Concen: 20.369 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion:	97	Resp:	35024
Ion	Ratio	Lower	Upper
97	100		
83	79.7	63.9	95.9
85	56.2	42.5	63.7
99	62.9	47.4	71.0

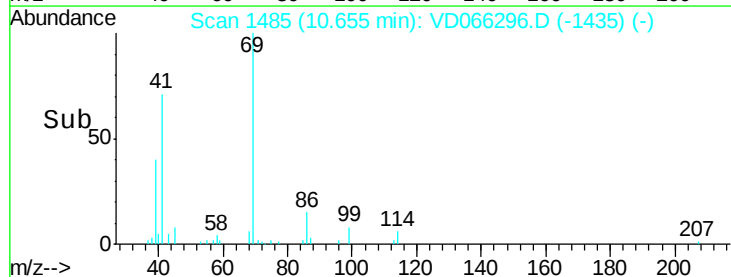
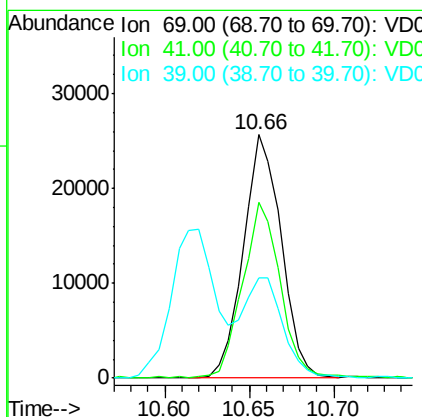
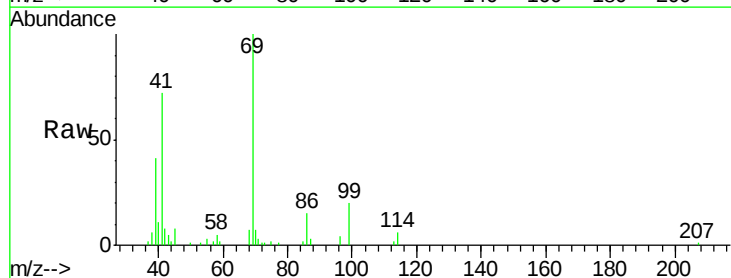
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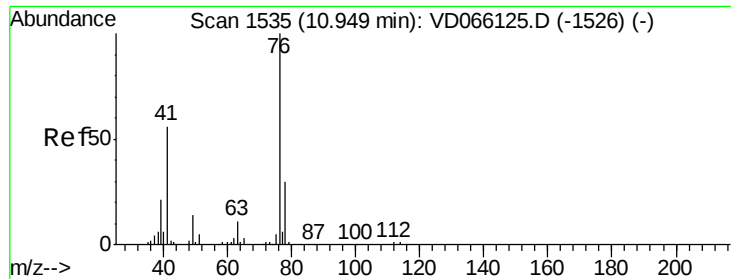
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#56
 Ethyl methacrylate
 Concen: 19.433 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion:	69	Resp:	40141
Ion	Ratio	Lower	Upper
69	100		
41	72.8	54.1	81.1
39	44.4	28.6	43.0#





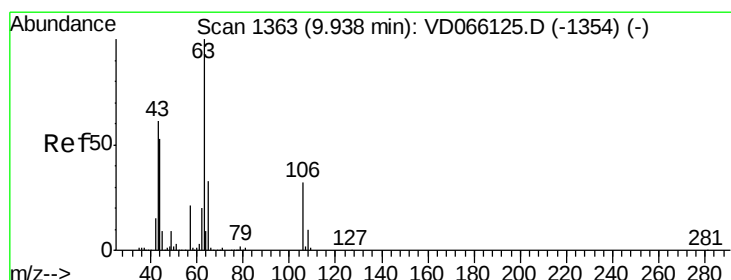
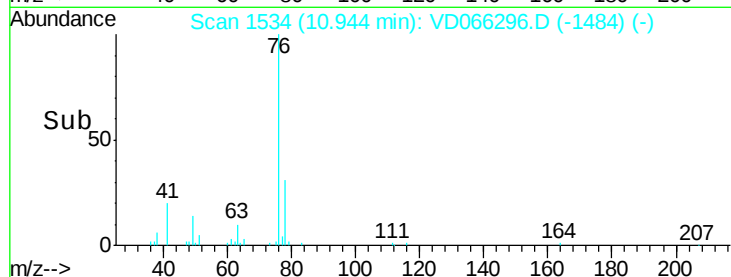
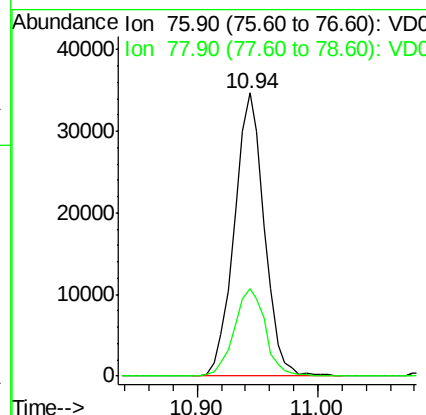
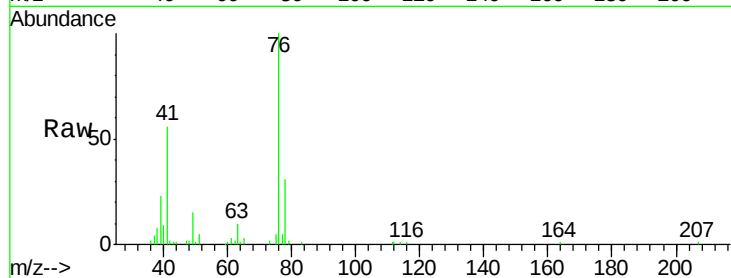
#57
 1,3-Dichloropropane
 Concen: 20.918 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion: 76 Resp: 59711
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3

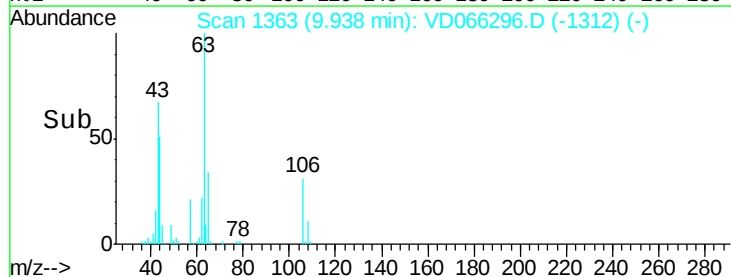
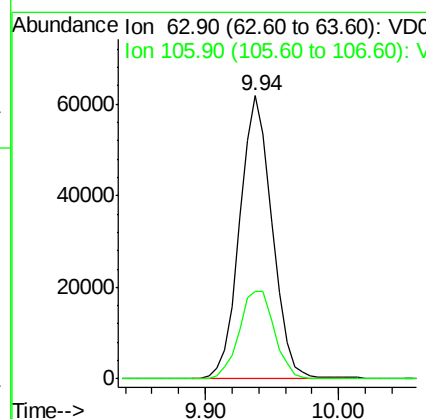
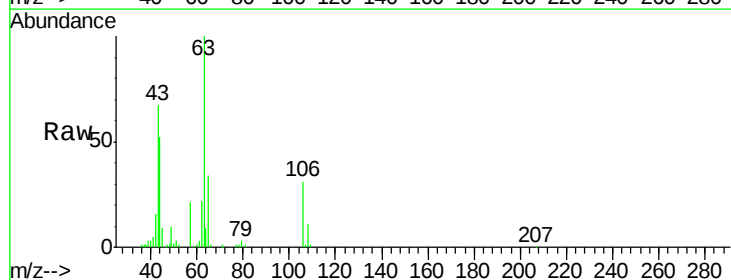
Manual Integrations
 APPROVED

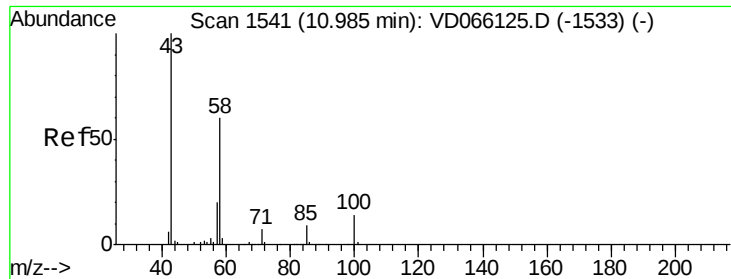
MMDadoda
 8/19/2020 5:23:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.071 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion: 63 Resp: 104128
 Ion Ratio Lower Upper
 63 100
 106 33.6 25.3 37.9





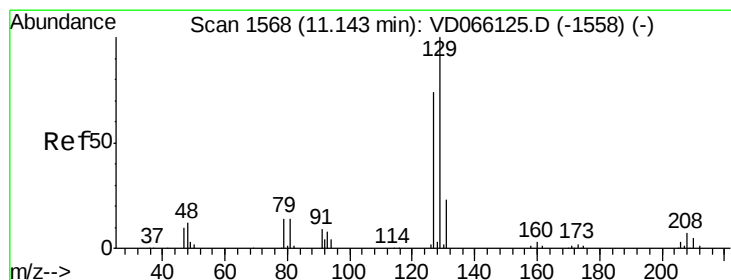
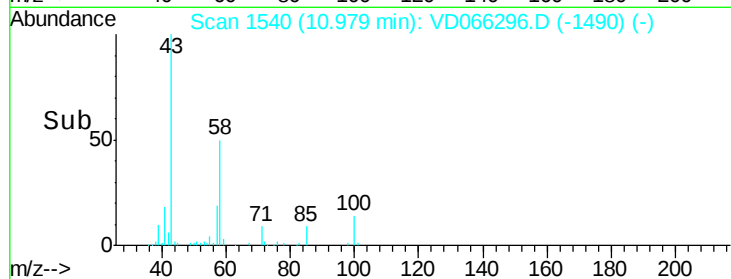
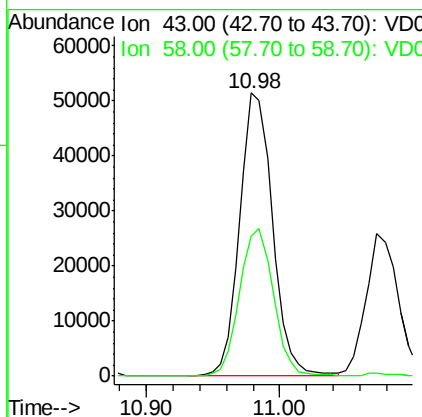
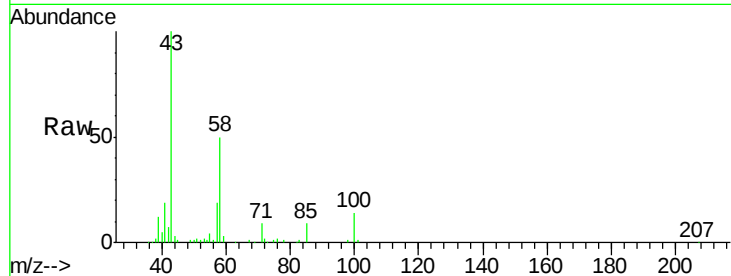
#59
2-Hexanone
Concen: 97.888 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion: 43 Resp: 88022
Ion Ratio Lower Upper
43 100
58 53.8 27.8 83.4

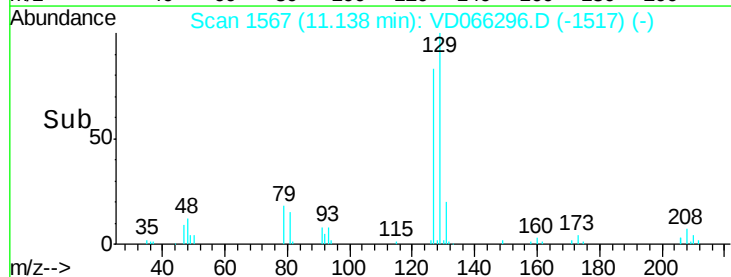
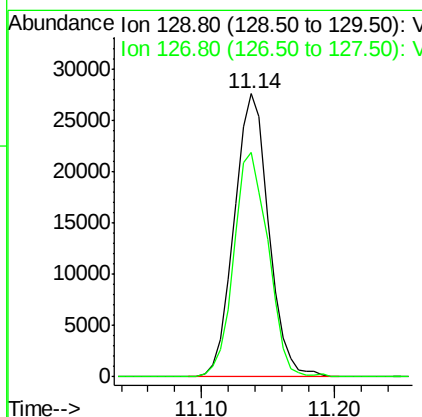
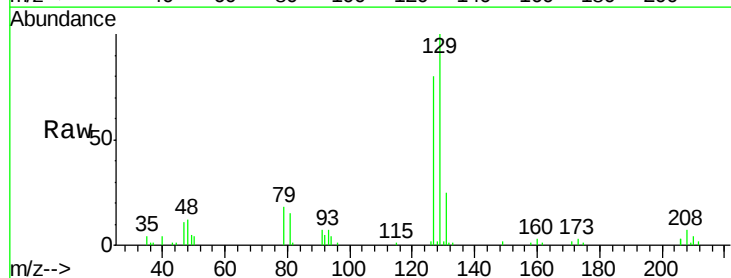
Manual Integrations
APPROVED

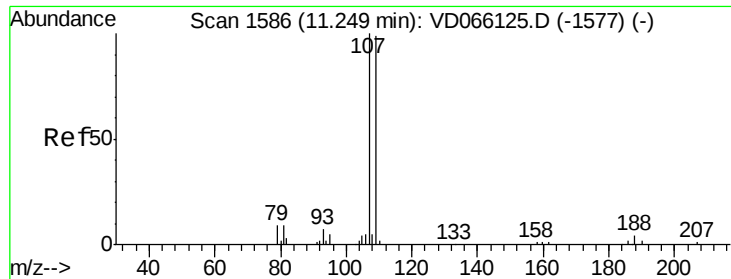
MMDadoda
8/19/2020 5:23:34 PM



#60
Dibromochloromethane
Concen: 20.889 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion: 129 Resp: 49588
Ion Ratio Lower Upper
129 100
127 79.4 38.0 114.1





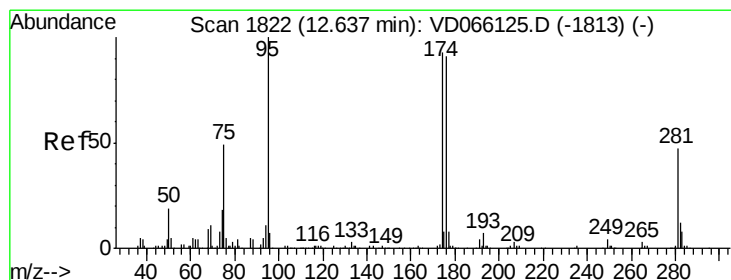
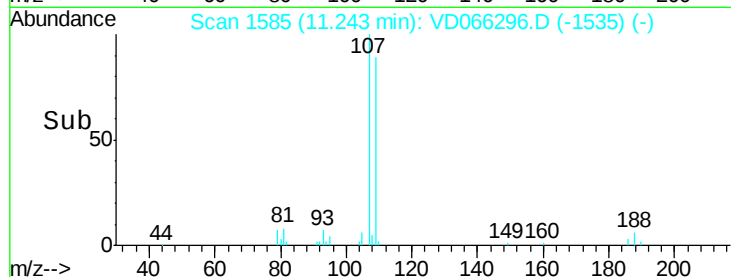
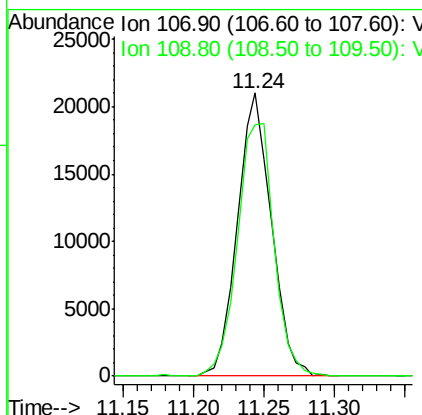
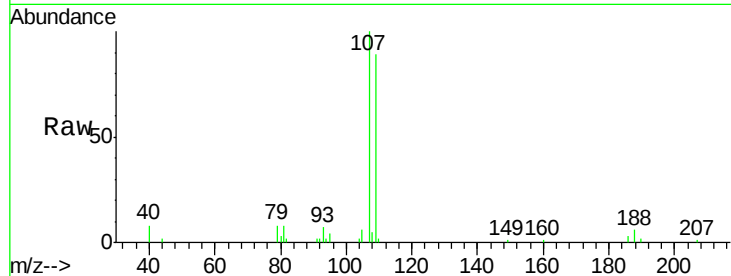
#61
 1,2-Dibromoethane
 Concen: 21.361 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion: 107 Resp: 35323
 Ion Ratio Lower Upper
 107 100
 109 96.6 76.5 114.7

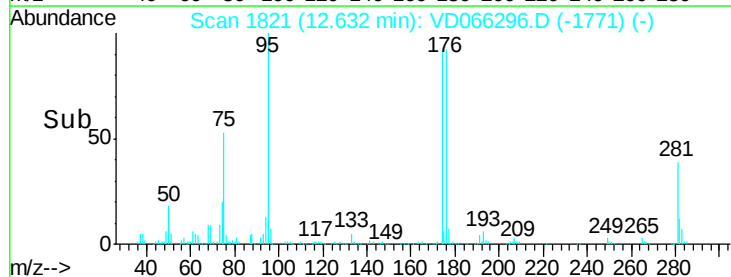
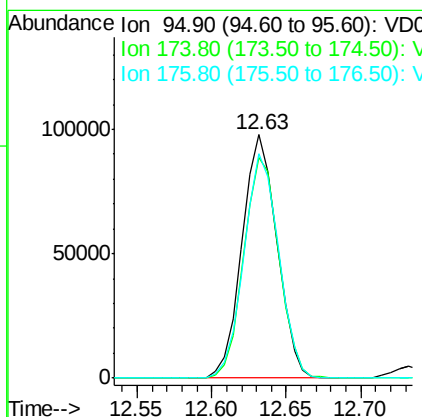
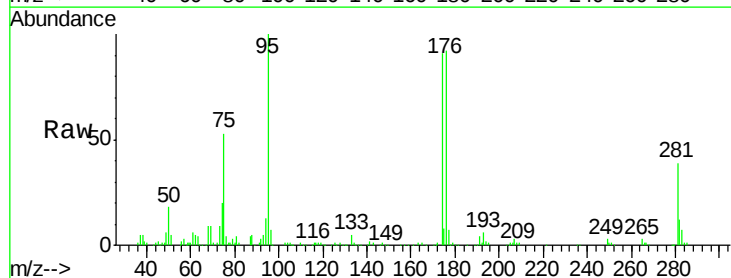
Manual Integrations
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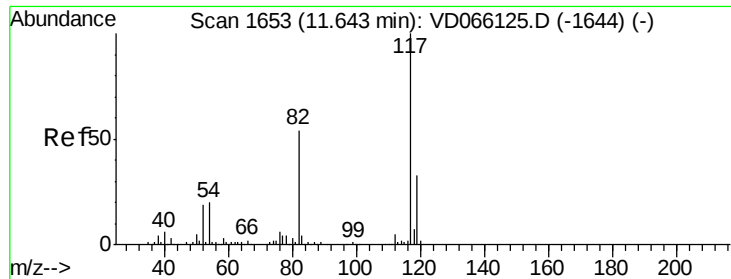
MMDadoda
 8/19/2020 5:23:34 PM



#62
 4-Bromofluorobenzene
 Concen: 55.346 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion: 95 Resp: 158582
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 180.8
 176 91.7 0.0 181.2





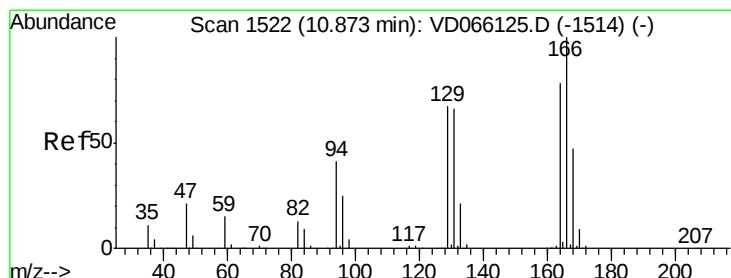
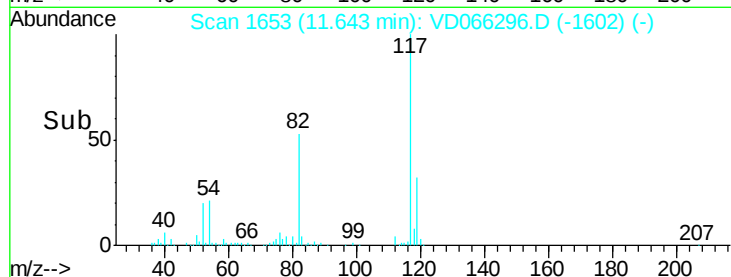
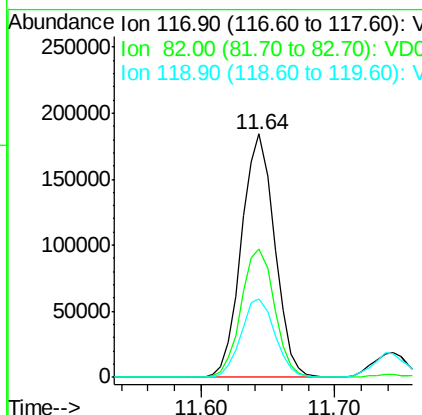
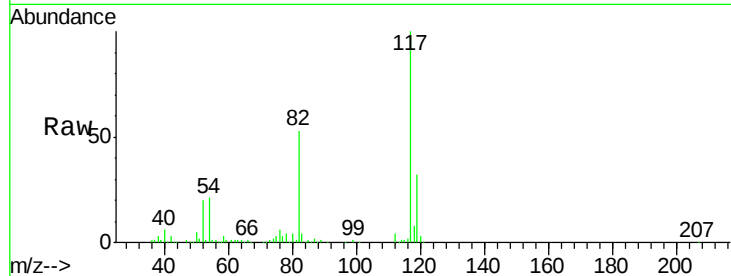
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	316435		
82	52.9	43.0	64.4	
119	32.3	26.1	39.1	

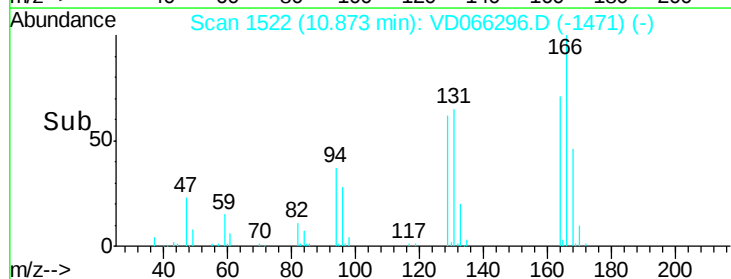
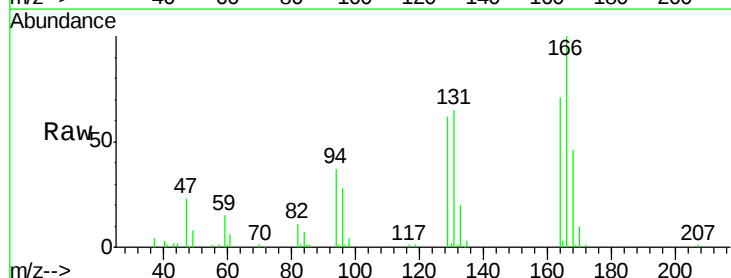
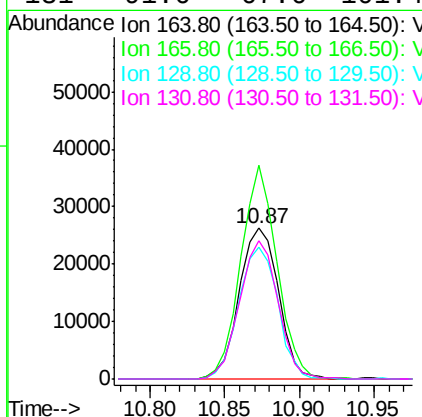
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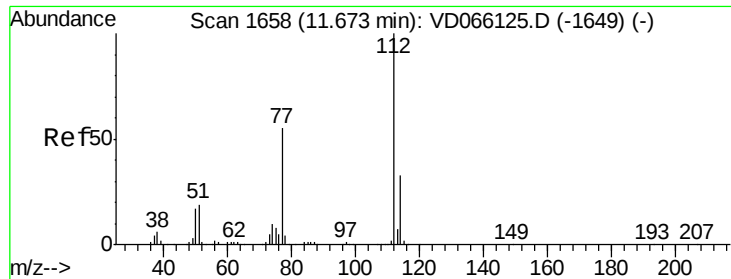
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#64
Tetrachloroethene
Concen: 19.734 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47952		
166	141.5	101.9	152.9	
129	87.4	68.1	102.1	
131	91.6	67.6	101.4	





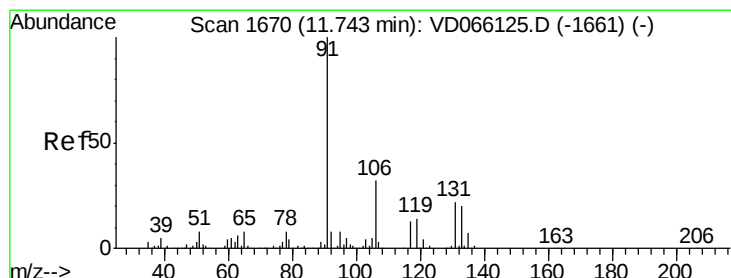
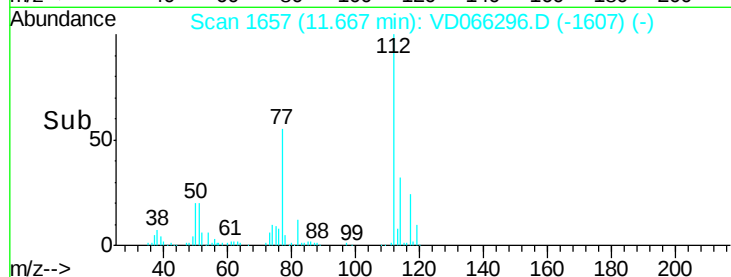
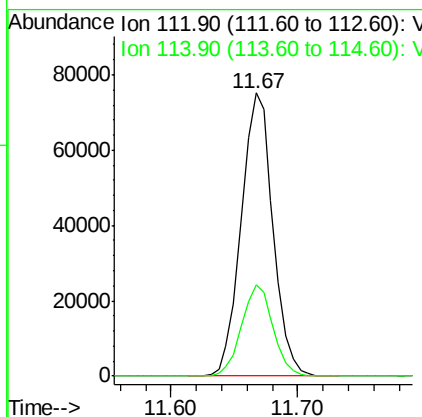
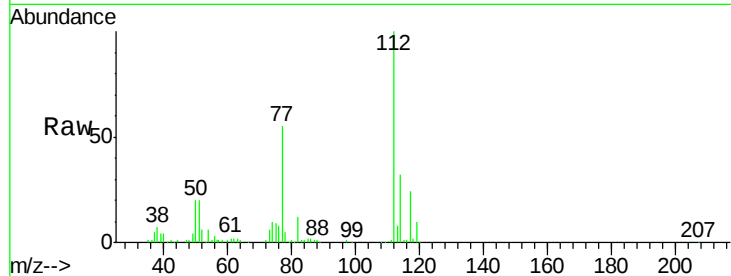
#65
Chlorobenzene
Concen: 20.248 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion:112 Resp: 130066
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

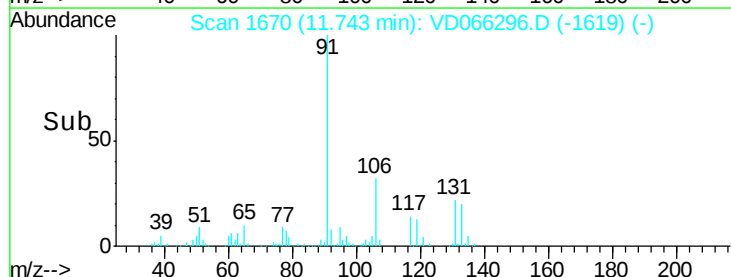
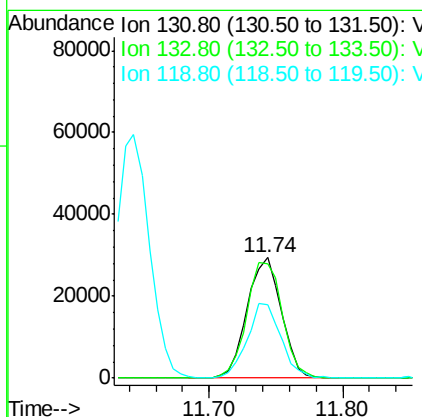
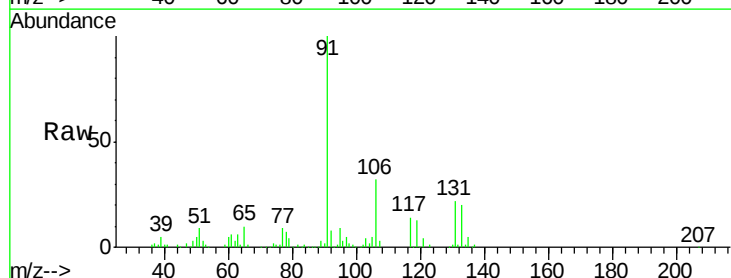
Manual Integrations
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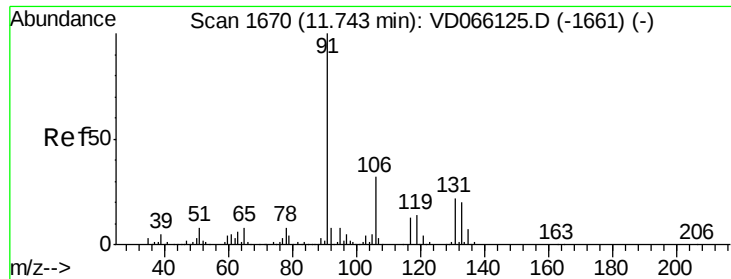
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.753 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion:131 Resp: 52162
Ion Ratio Lower Upper
131 100
133 99.7 47.1 141.4
119 60.9 31.6 94.7





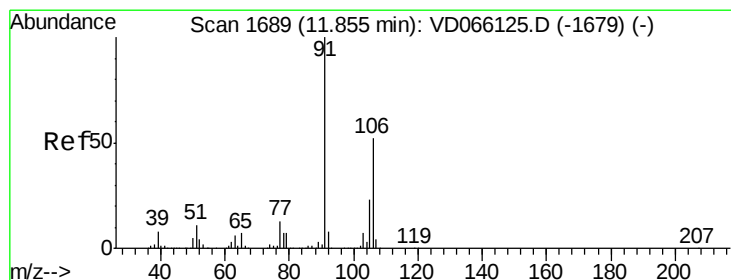
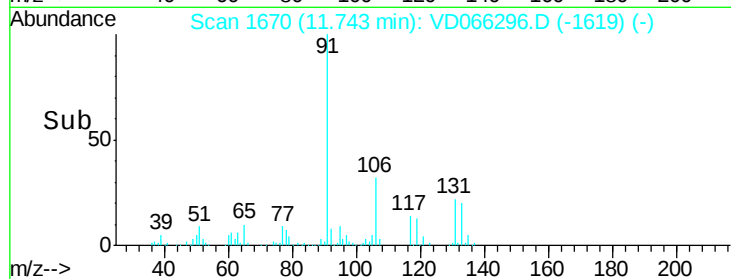
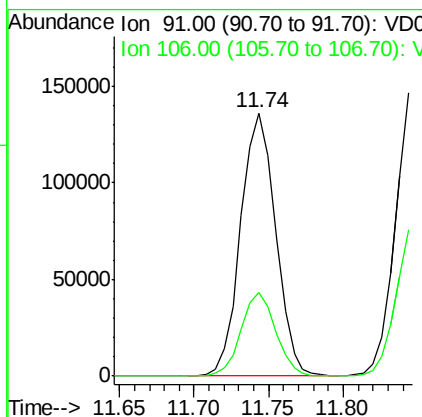
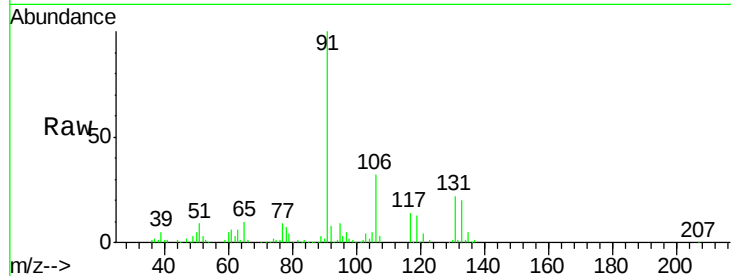
#67
Ethyl Benzene
Concen: 19.983 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion: 91 Resp: 222448
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5

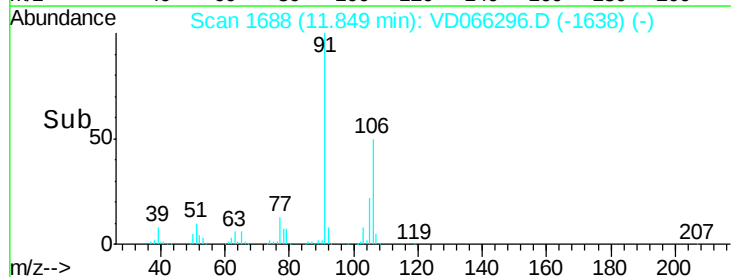
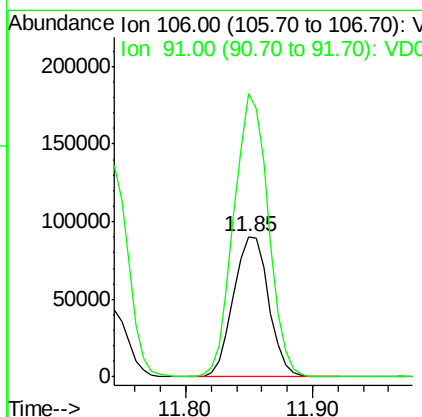
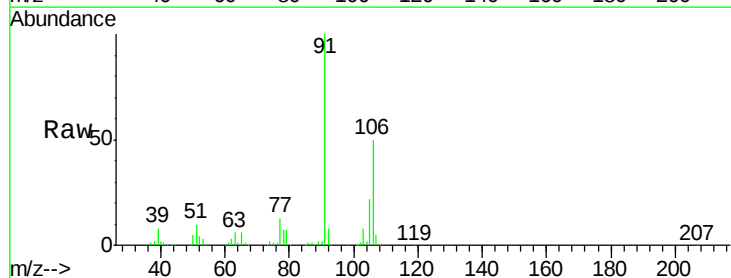
Manual Integrations
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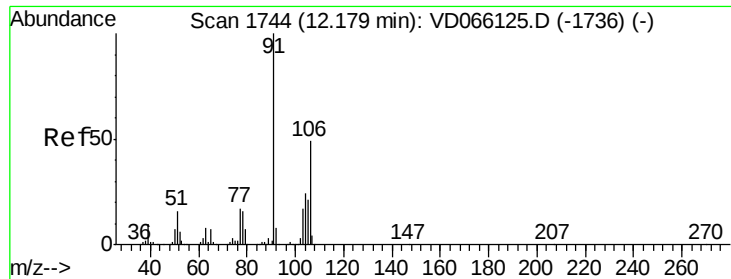
MMDadoda
8/19/2020 5:23:34 PM



#68
m/p-Xylenes
Concen: 40.366 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion: 106 Resp: 174096
Ion Ratio Lower Upper
106 100
91 198.1 156.6 235.0





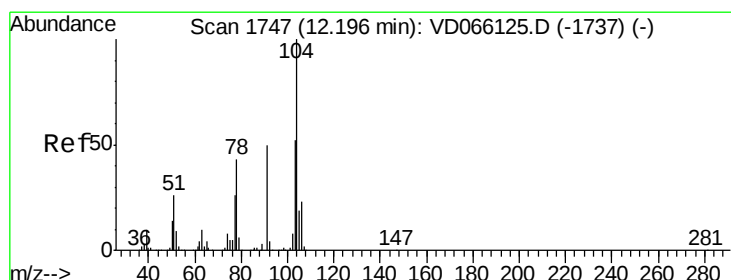
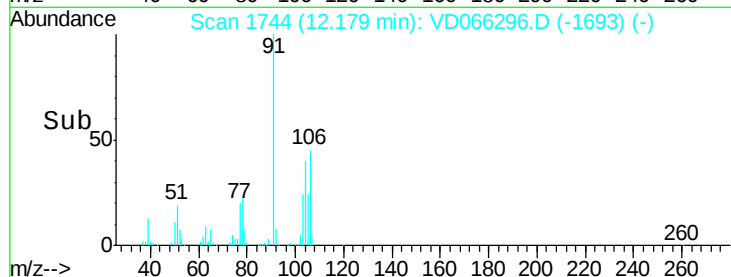
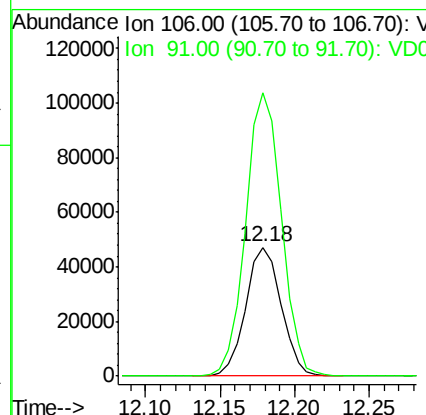
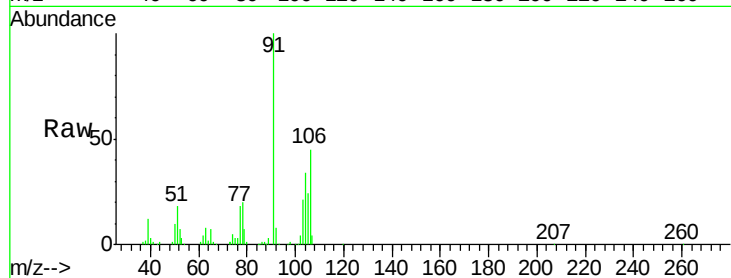
#69
o-Xylene
Concen: 19.743 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion:106 Resp: 77456
Ion Ratio Lower Upper
106 100
91 221.6 105.7 317.1

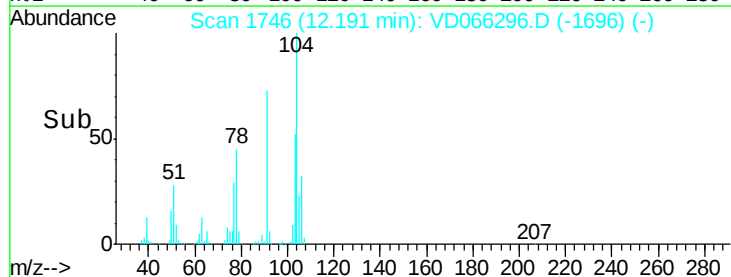
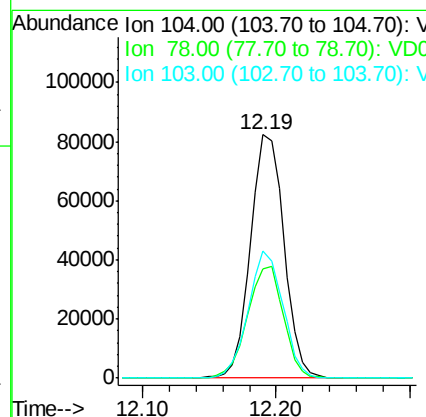
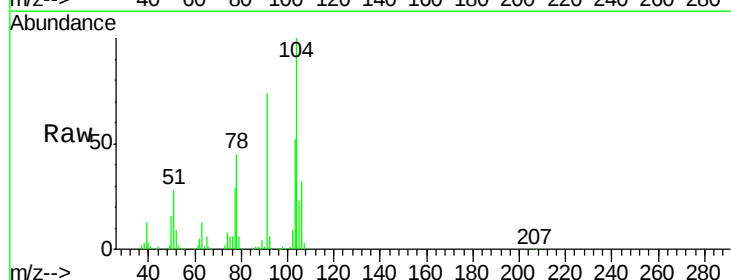
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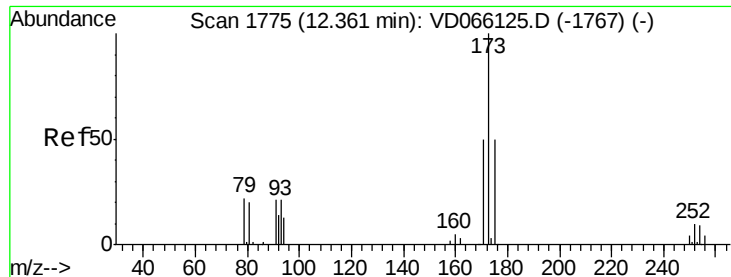
MMDadoda
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#70
Styrene
Concen: 20.763 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion:104 Resp: 142758
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 53.8 44.1 66.1





#71

Bromoform

Concen: 21.059 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

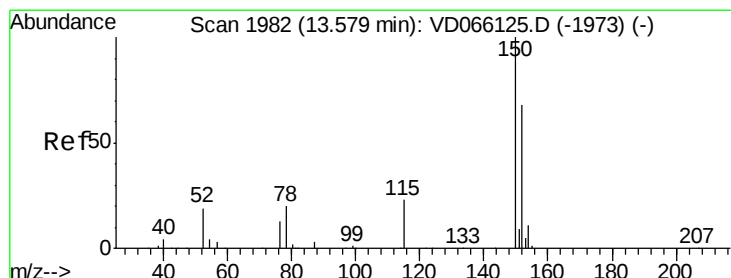
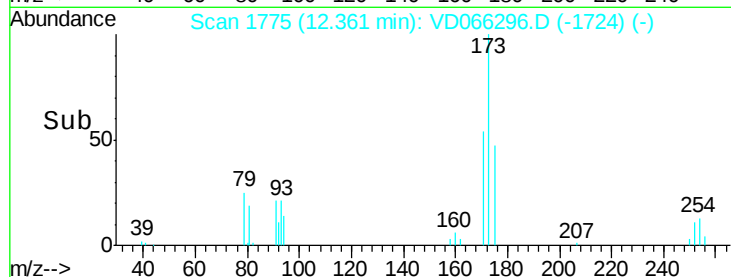
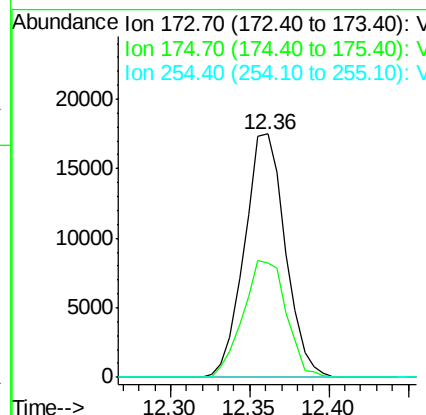
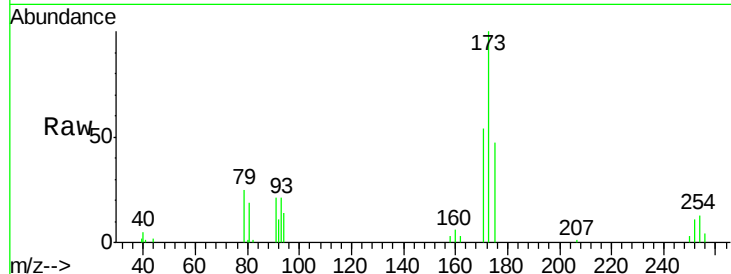
ClientSampleId :

VD0818SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.6	73.6
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

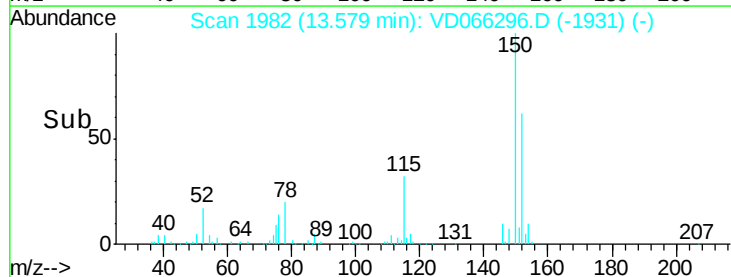
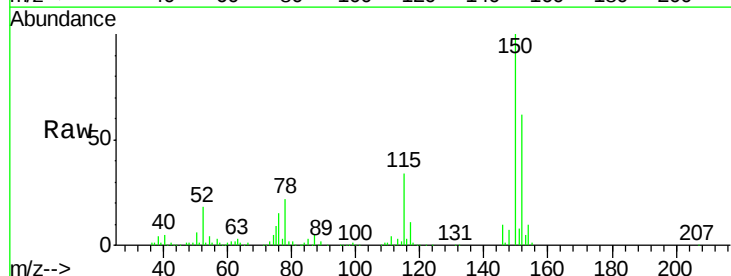
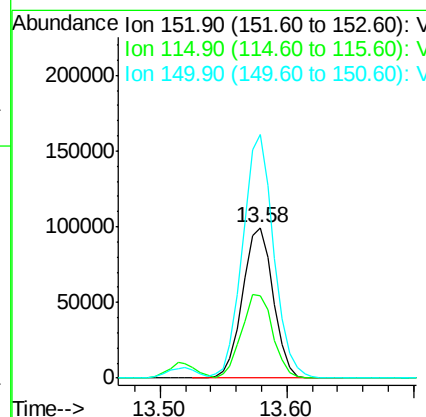
RT: 13.58 min Scan# 1982

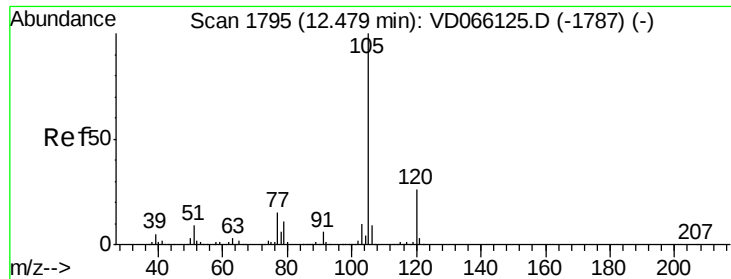
Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.0	83.9
150	164.9	0.0	346.4





#73

Isopropylbenzene

Concen: 19.382 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS02

Tot Ion:105 Resp: 214127

Ion Ratio Lower Upper

105 100

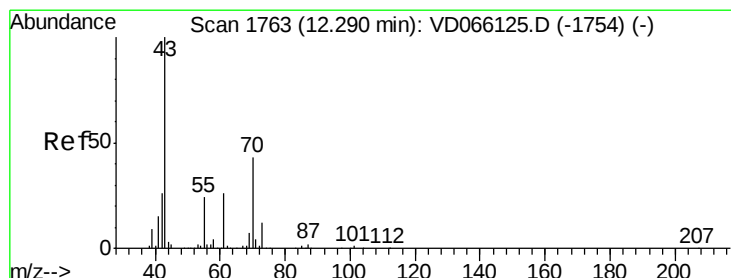
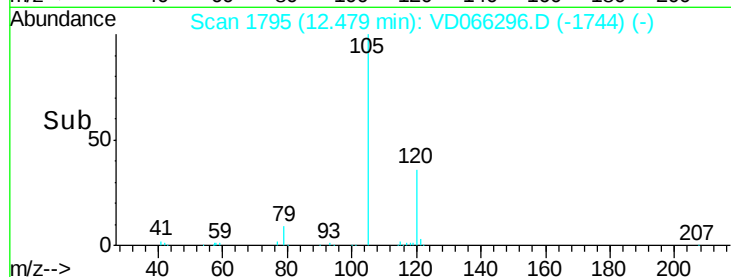
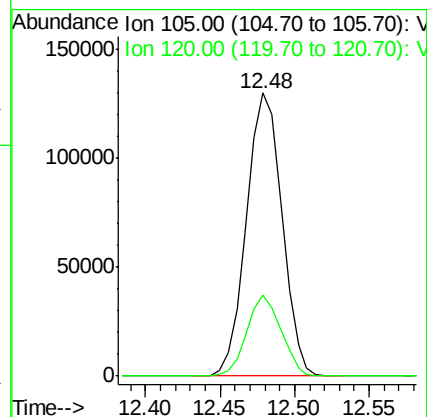
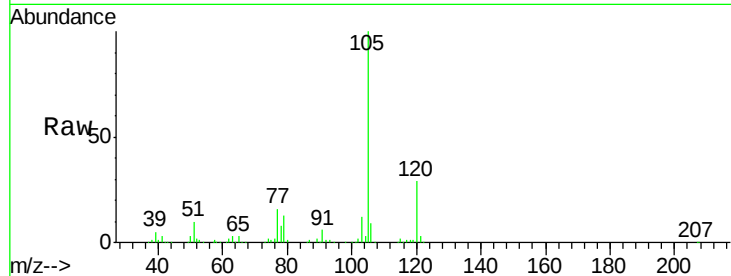
120 27.6 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.724 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion: 43 Resp: 47985

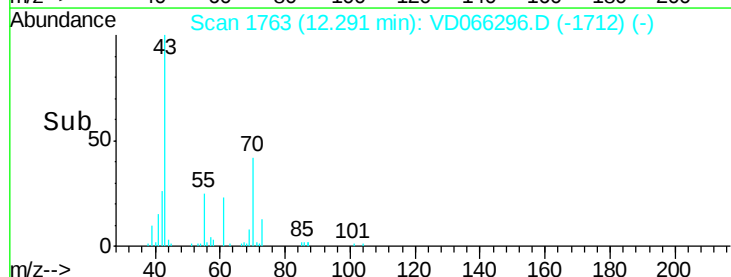
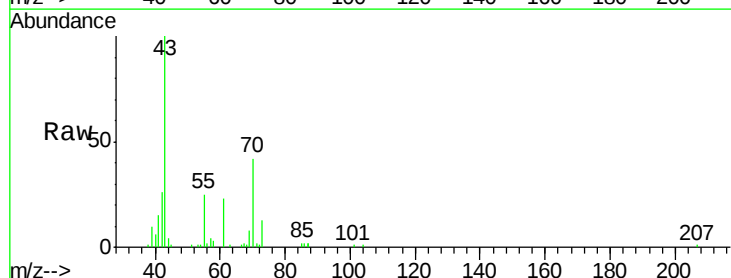
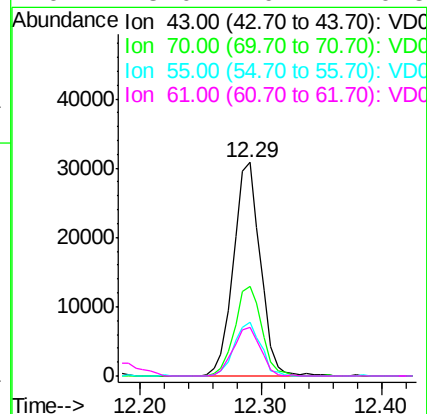
Ion Ratio Lower Upper

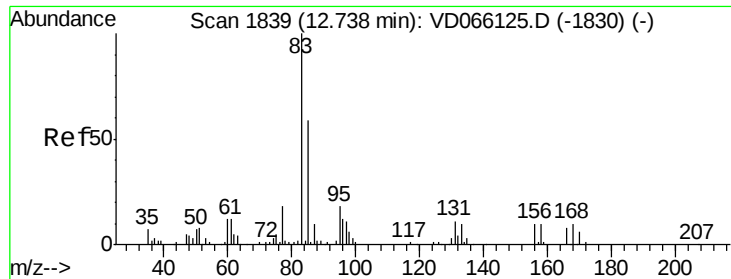
43 100

70 41.8 34.9 52.3

55 24.9 19.2 28.8

61 23.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.167 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

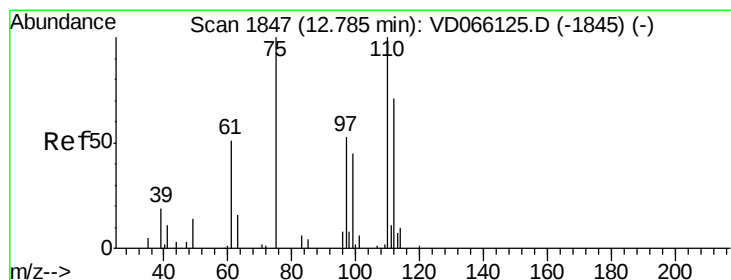
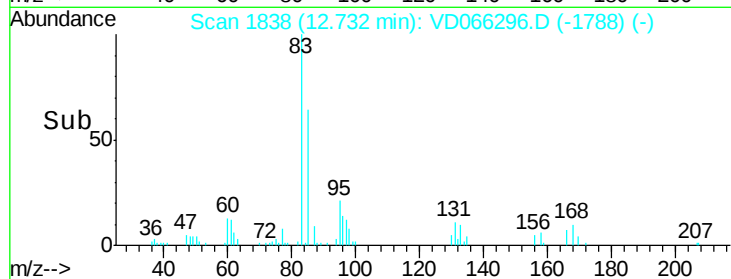
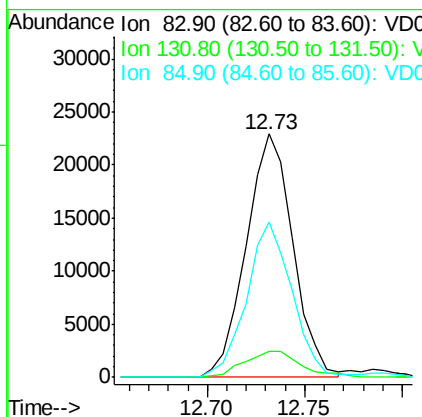
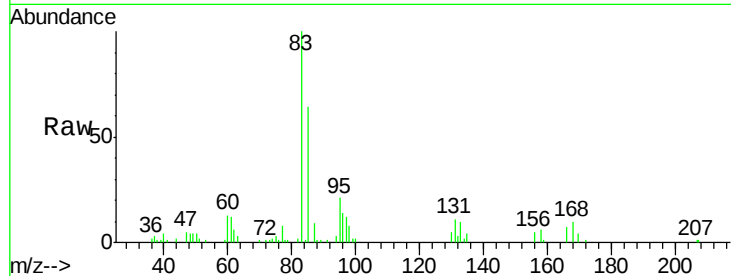
ClientSampleId :

VD0818SBS02

Tot Ion:	83	Resp:	37991
Ion Ratio	Lower	Upper	
83	100		
131	13.3	6.2	18.6
85	61.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 21.801 ug/l m

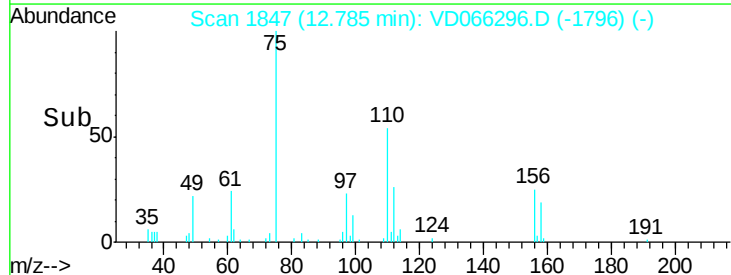
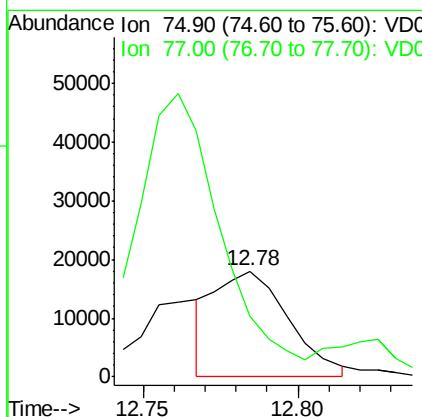
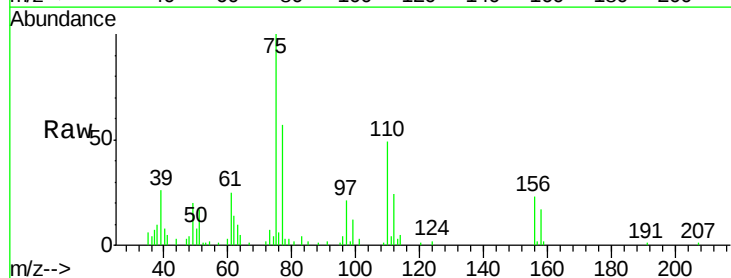
RT: 12.78 min Scan# 1847

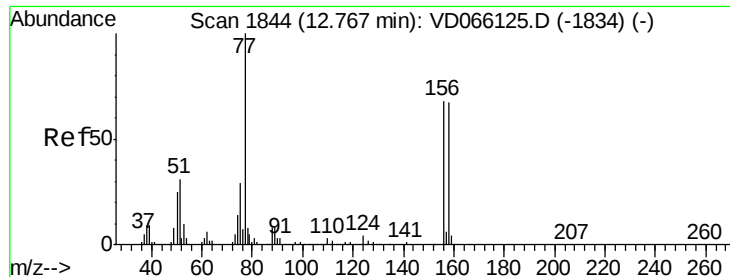
Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion:	75	Resp:	30089
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





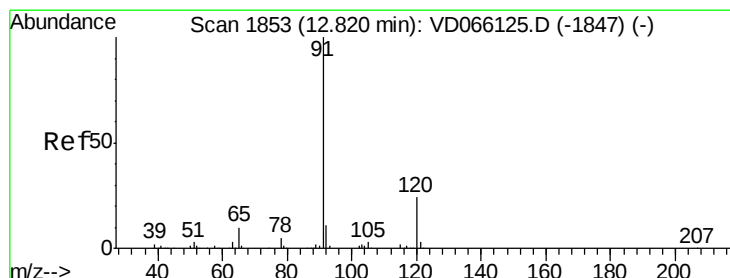
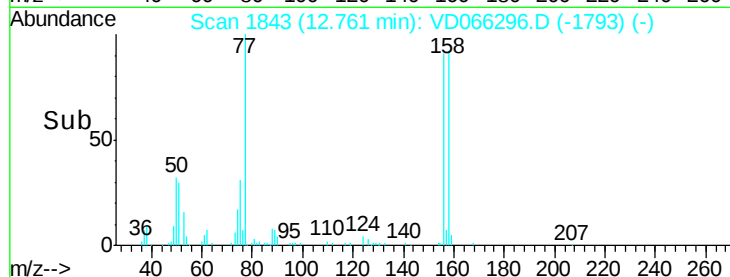
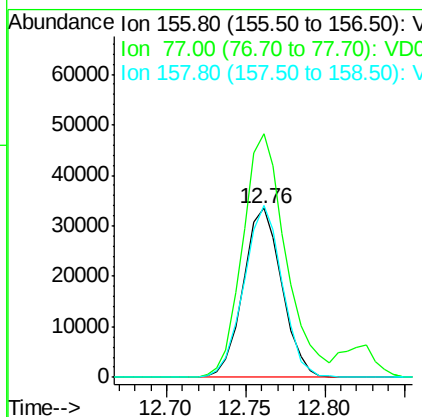
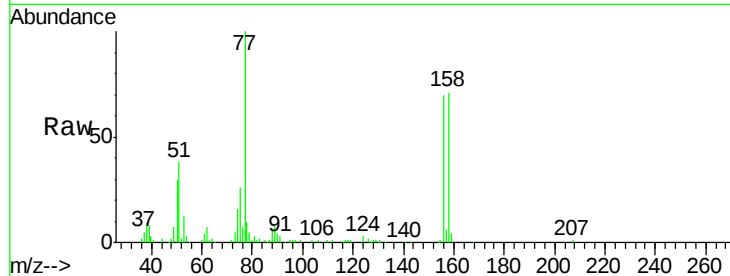
#77
Bromobenzene
Concen: 19.868 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.3	81.0	243.1
158	101.1	48.8	146.3

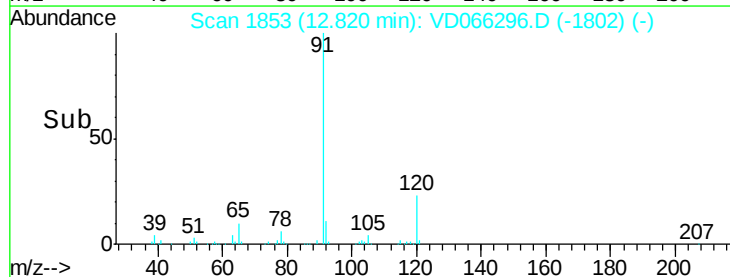
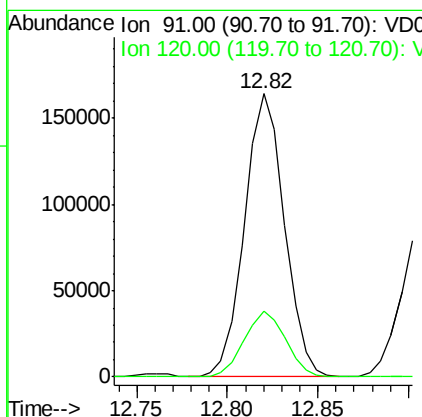
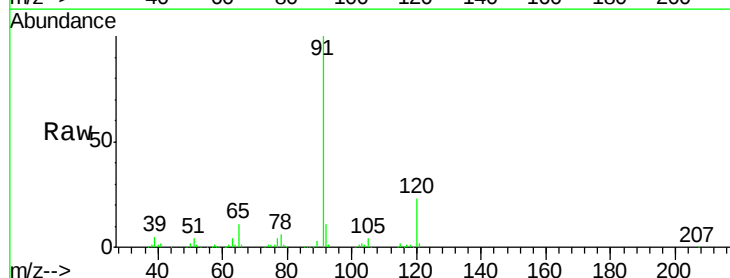
Manual Integrations
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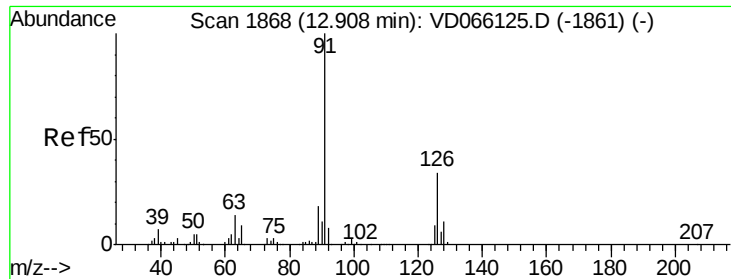
MMDadoda
8/19/2020 5:23:34 PM



#78
n-propylbenzene
Concen: 19.509 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.0





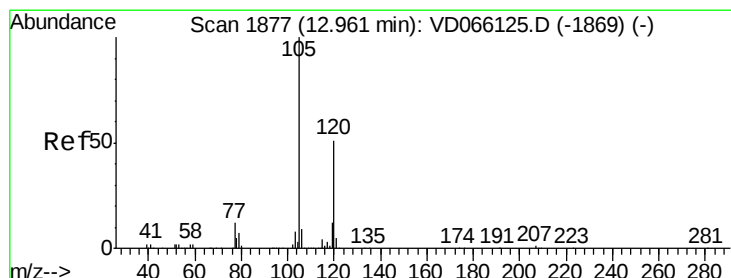
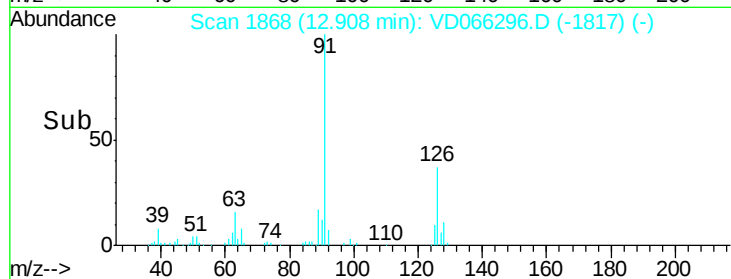
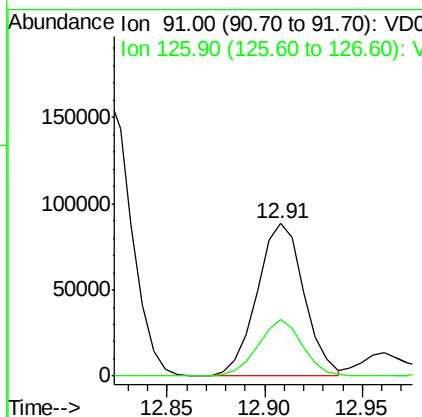
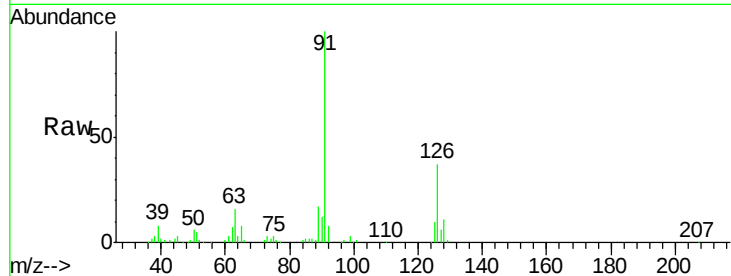
#79
2-Chlorotoluene
Concen: 20.016 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion: 91 Resp: 147016
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.6

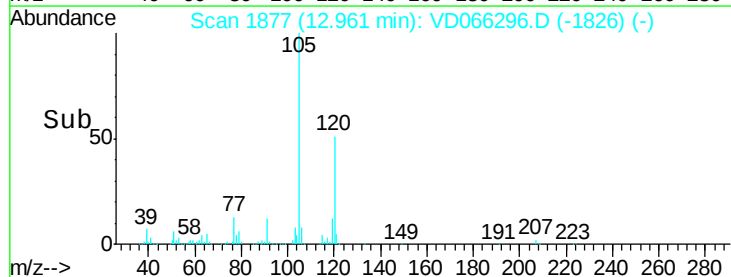
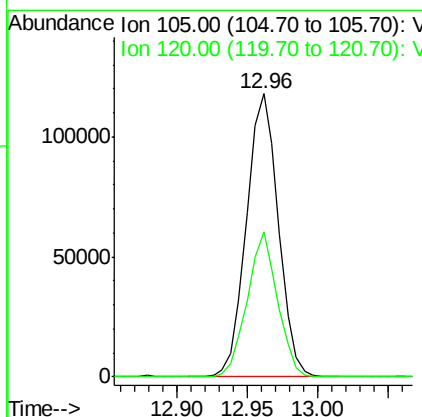
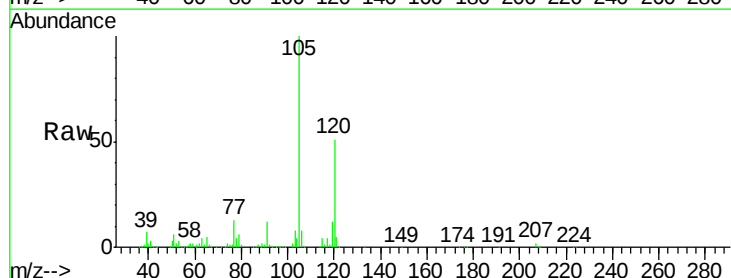
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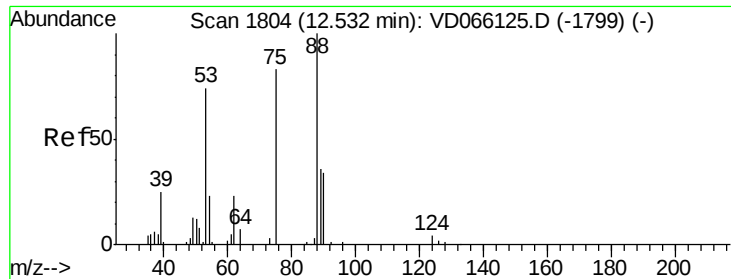
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.251 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion: 105 Resp: 187103
Ion Ratio Lower Upper
105 100
120 48.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.279 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Instrument :

MSVOA_D

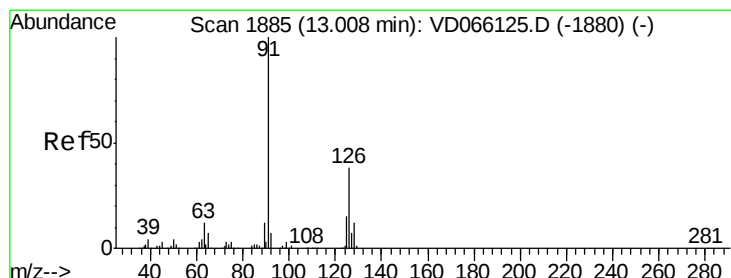
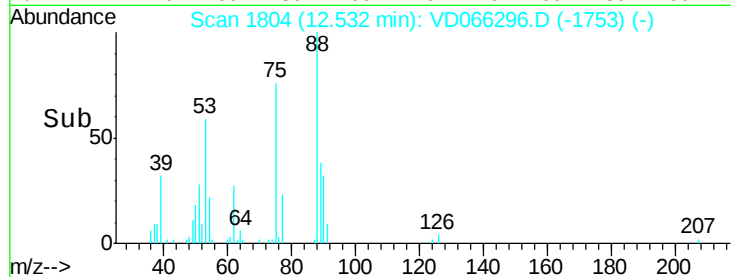
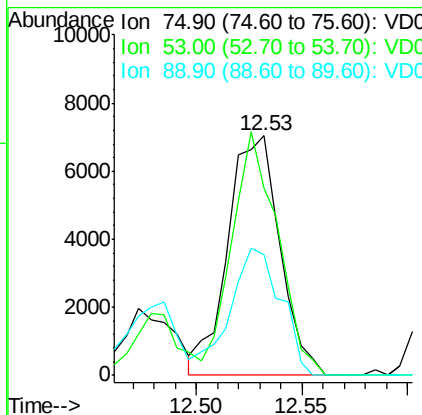
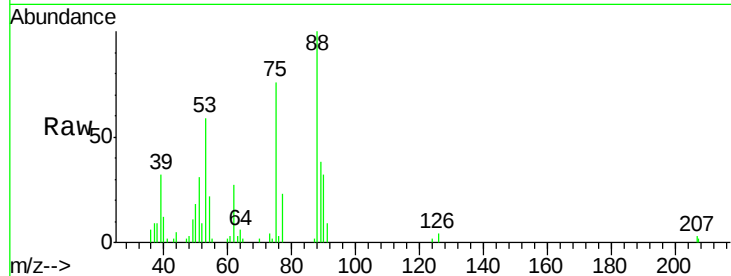
ClientSampleId :

VD0818SBS02

Tot Ion:	75	Resp:	12037
Ion	Ratio	Lower	Upper
75	100		
53	88.9	73.4	110.2
89	52.2	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.075 ug/l

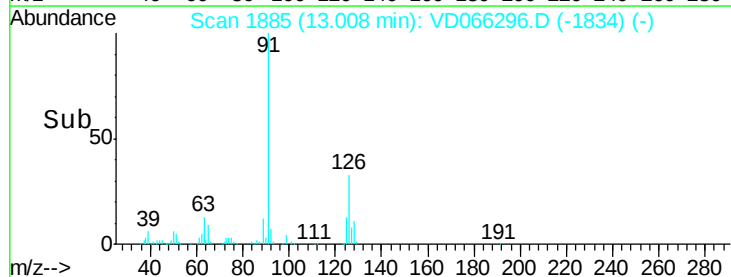
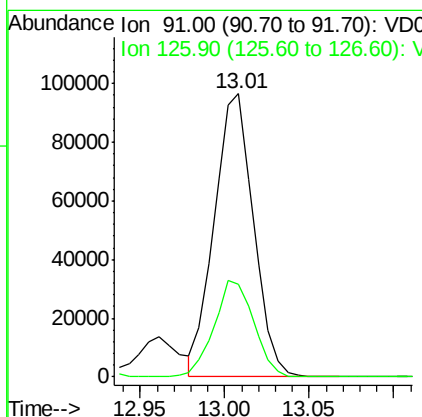
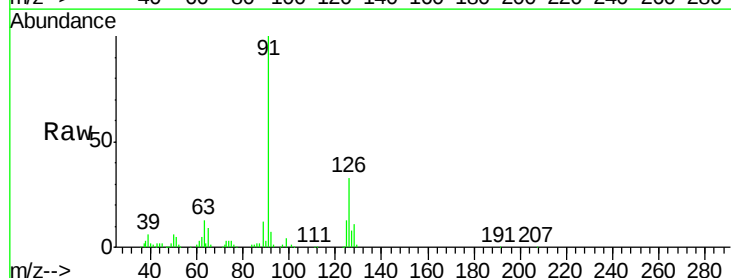
RT: 13.01 min Scan# 1885

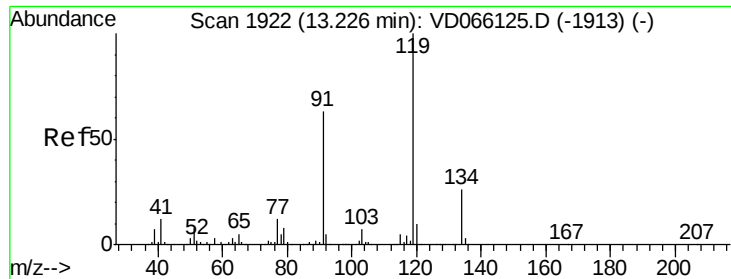
Delta R.T. 0.00 min

Lab File: VD066296.D

Acq: 19 Aug 2020 01:46

Tgt Ion:	91	Resp:	155655
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.8	53.3





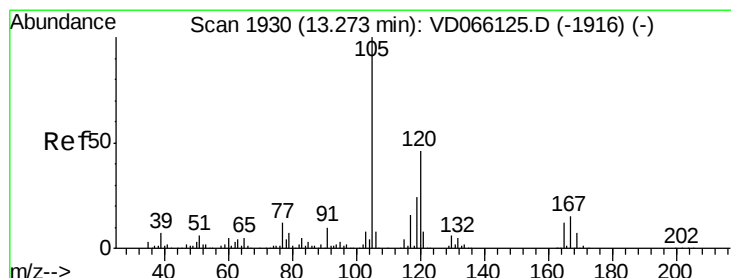
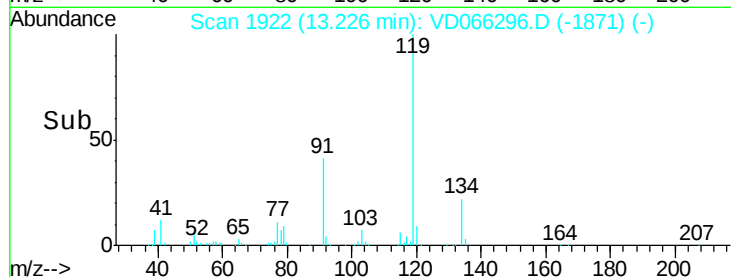
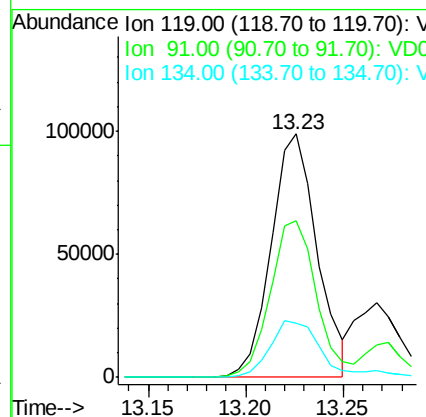
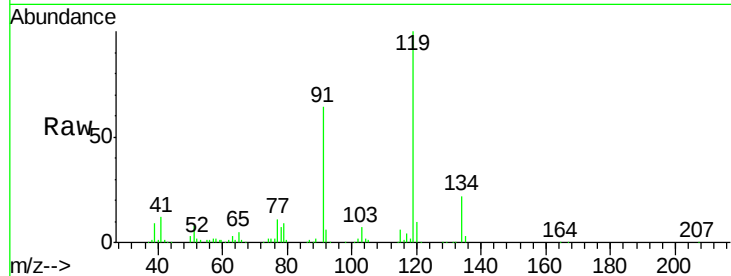
#83
tert-Butylbenzene
Concen: 19.815 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	30.8	92.4
134	26.4	13.6	40.8

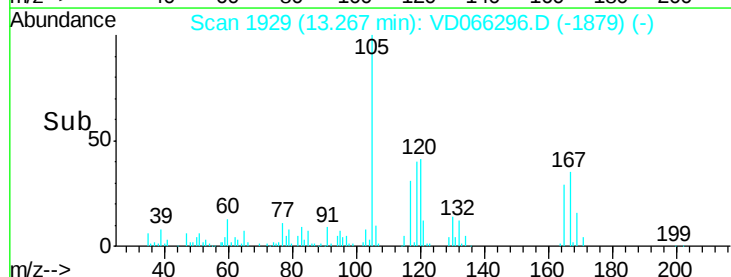
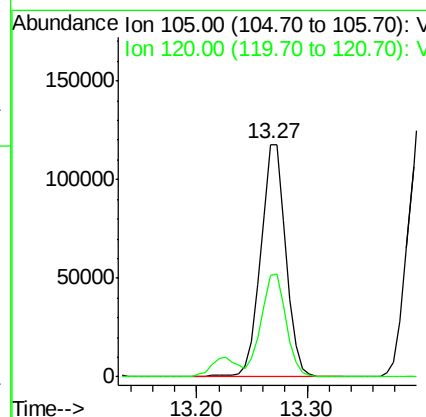
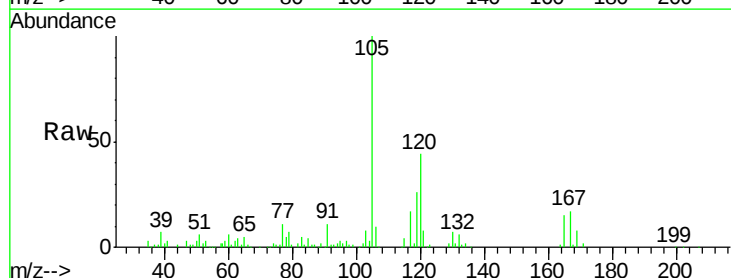
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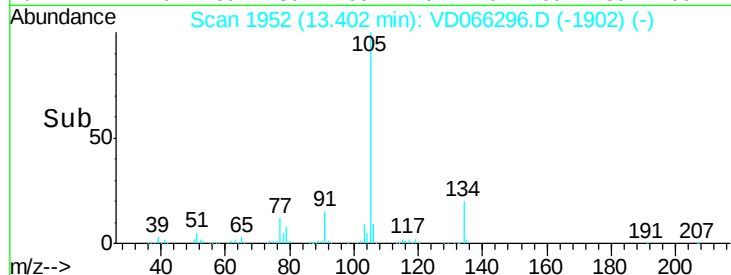
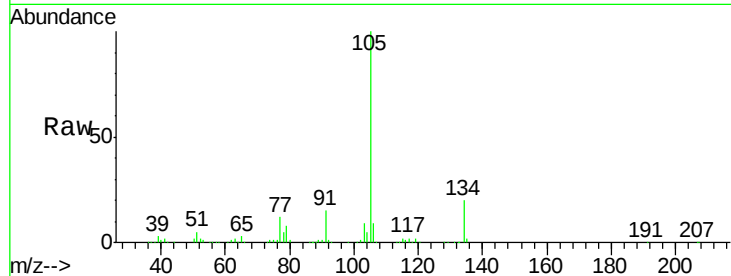
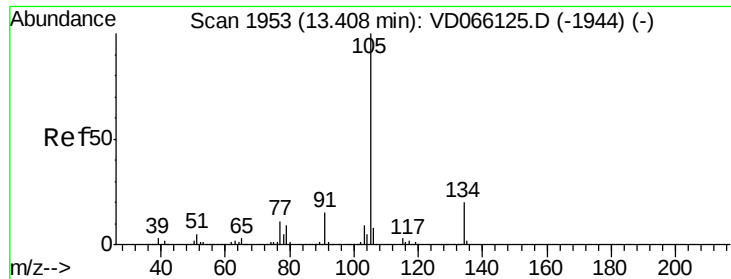
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8/19/2020 5:23:34 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.361 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	23.1	69.2





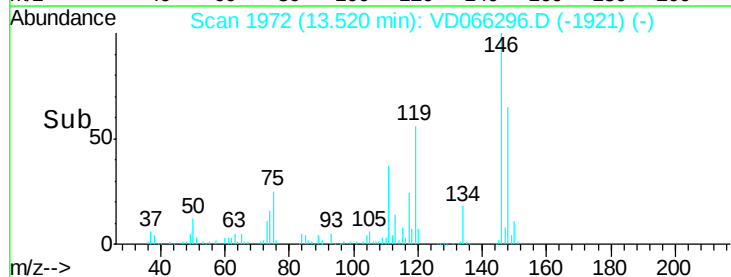
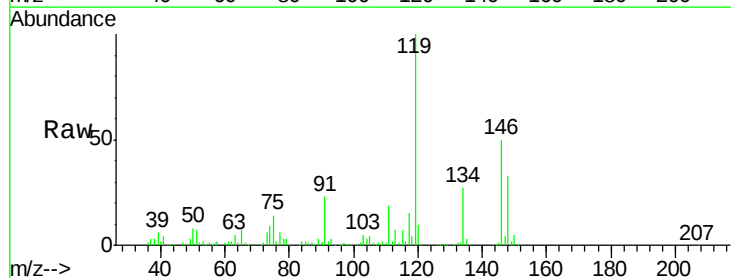
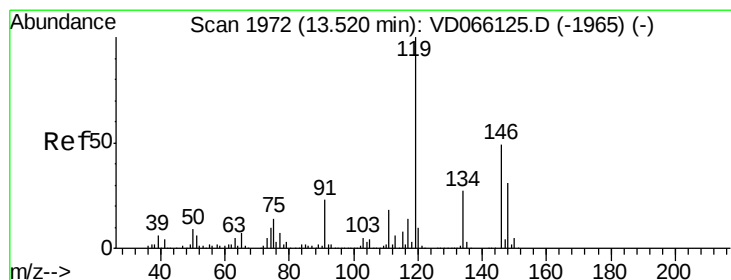
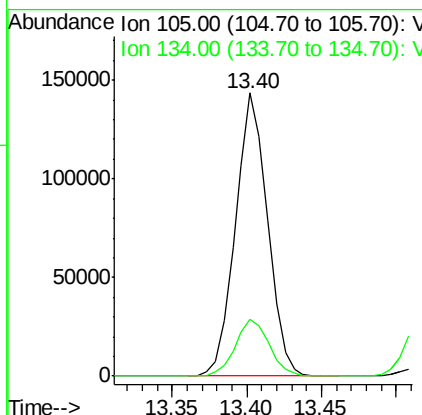
#85
 sec-Butylbenzene
 Concen: 19.518 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tot Ion	Ratio	Resp	Lower	Upper
105	100	214117		
134	21.1	10.4	31.4	

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

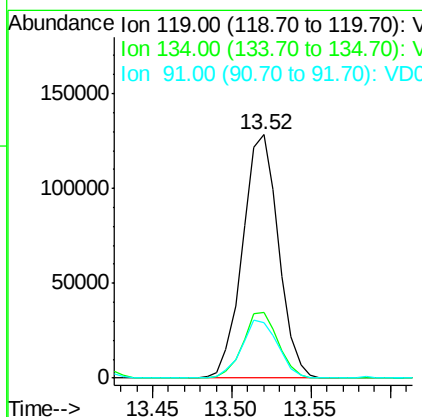
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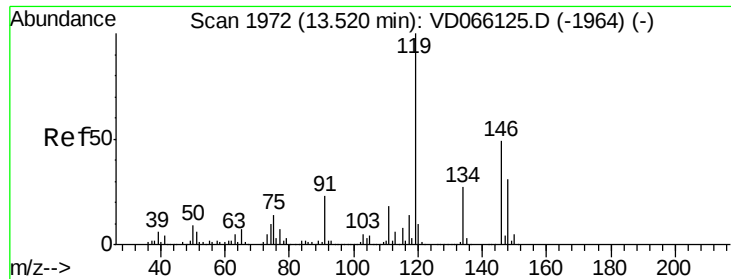
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#86
 p-Isopropyltoluene
 Concen: 19.563 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	201281		
134	26.7	13.5	40.4	
91	23.7	11.2	33.5	





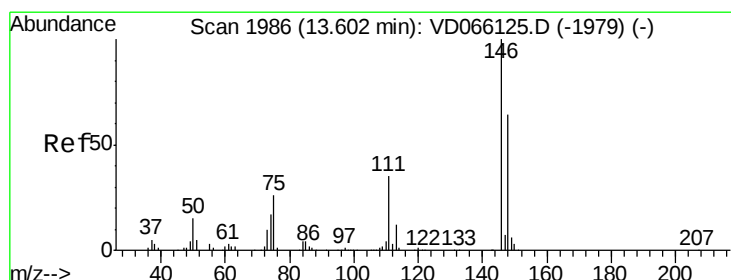
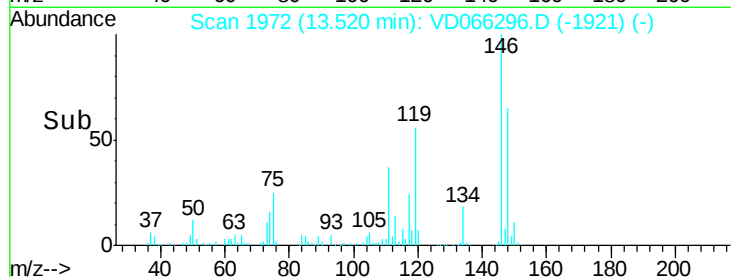
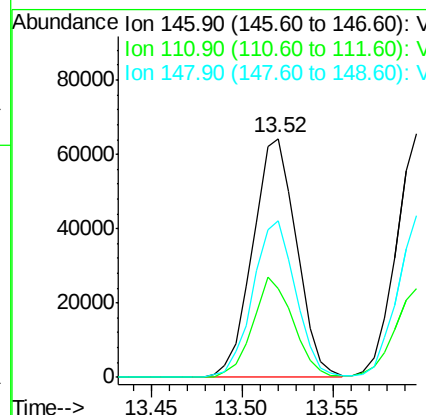
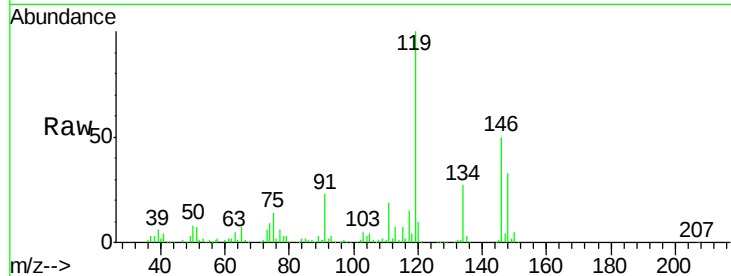
#87
 1,3-Dichlorobenzene
 Concen: 20.230 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	63.7	31.8	95.3

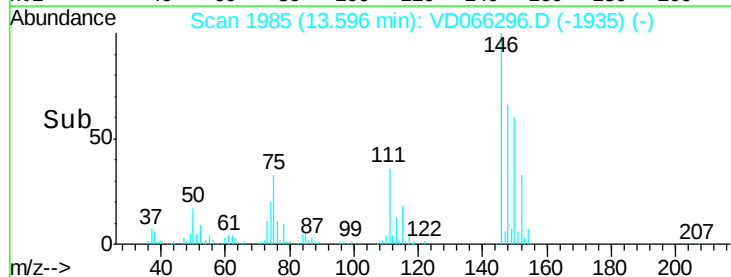
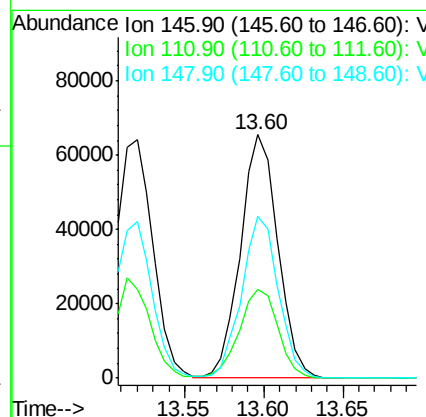
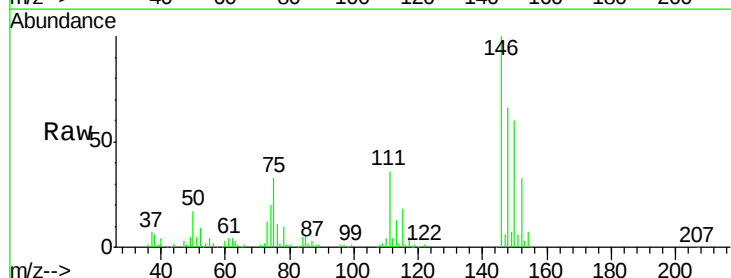
Manual Integrations
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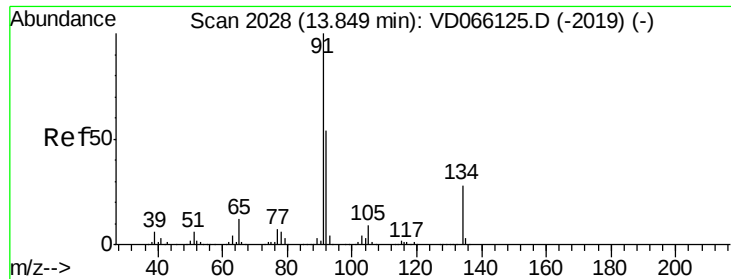
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#88
 1,4-Dichlorobenzene
 Concen: 20.168 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.8
148	65.3	32.4	97.0





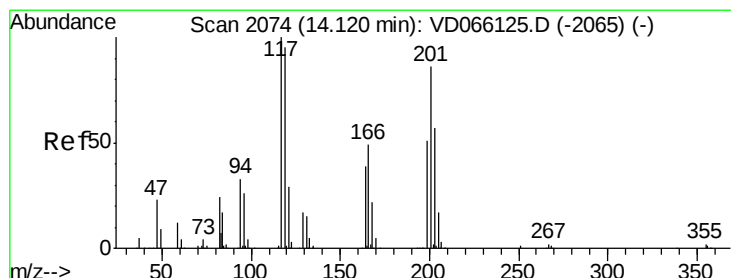
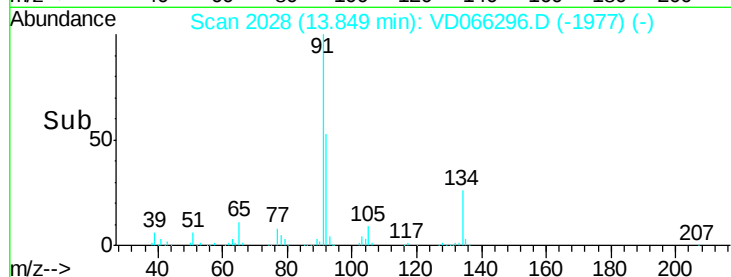
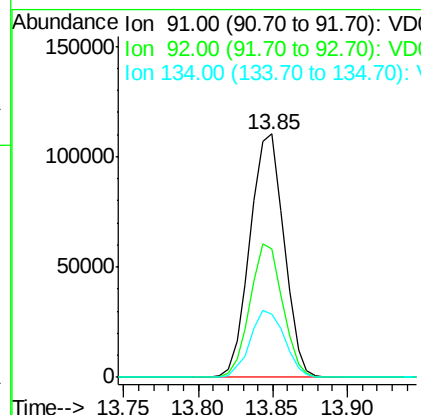
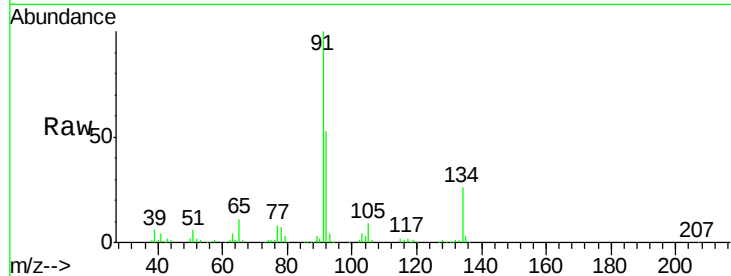
#89
n-Butylbenzene
Concen: 18.833 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	173617		
92	52.6	26.8	80.3	
134	27.7	14.0	41.9	

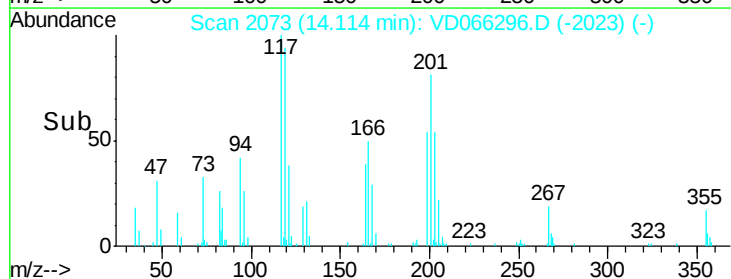
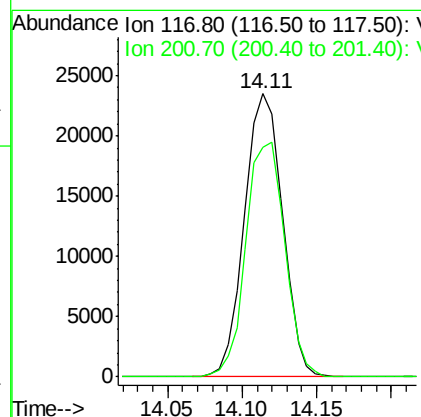
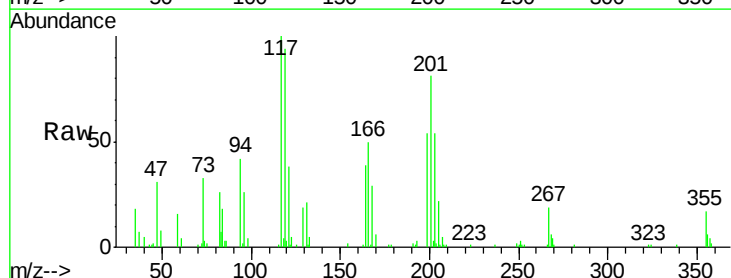
Manual Integrations
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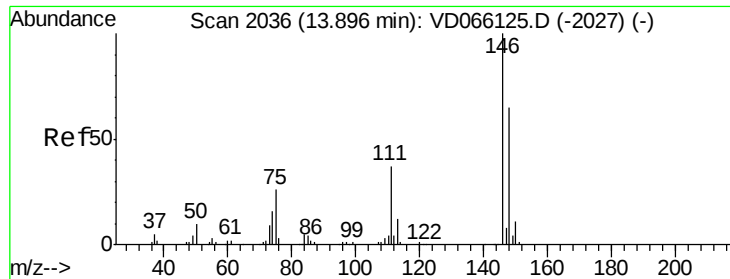
MMDadoda
8/19/2020 5:23:34 PM



#90
Hexachloroethane
Concen: 20.285 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41626		
201	84.6	42.7	128.1	





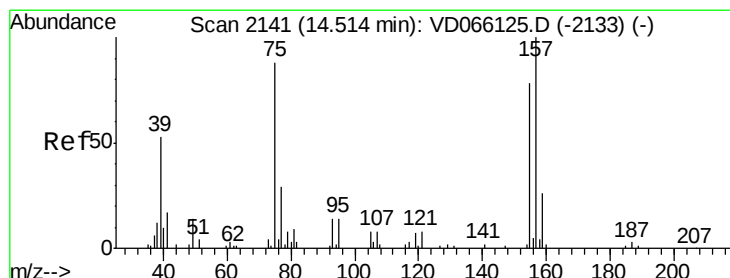
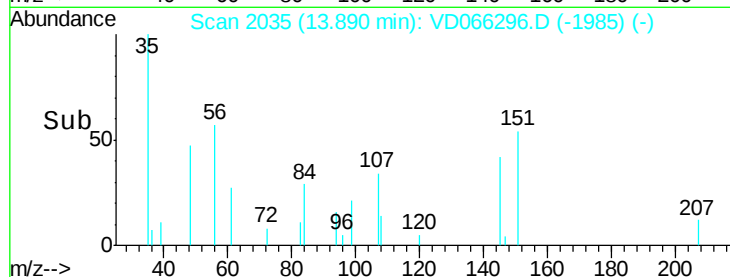
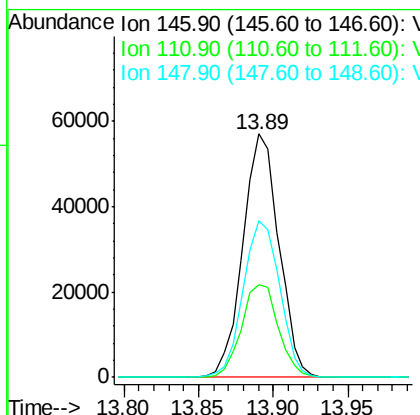
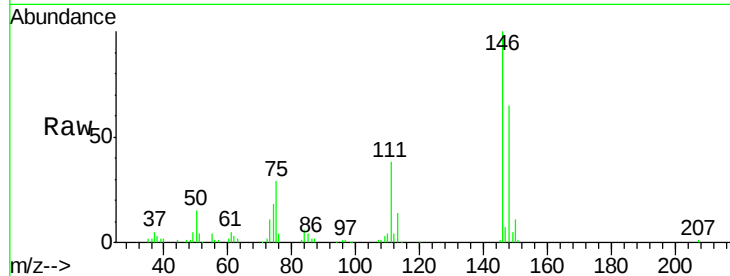
#91
 1,2-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.8	56.3
148	65.2	31.9	95.5

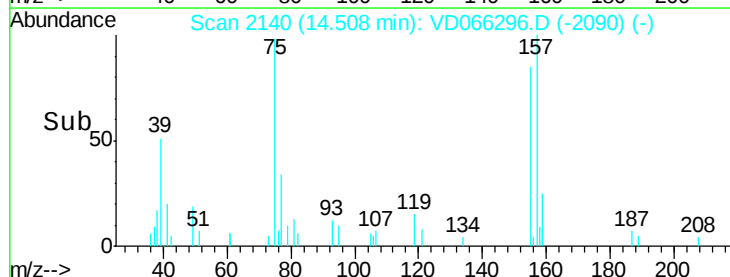
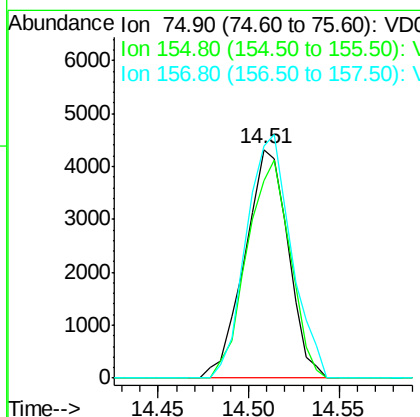
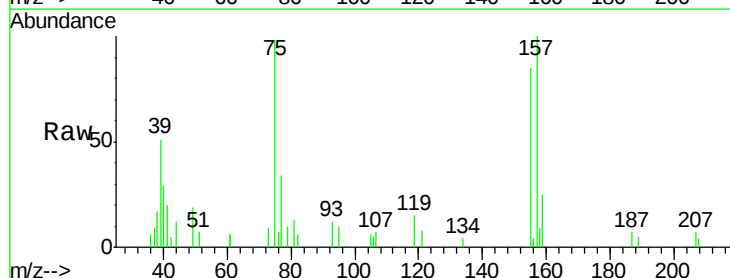
Manual Integrations
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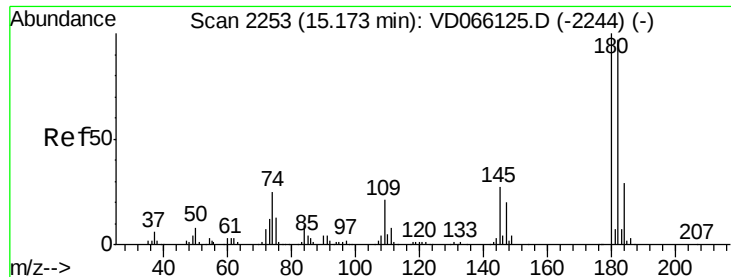
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.250 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	47.7	143.1
157	110.0	62.1	186.2





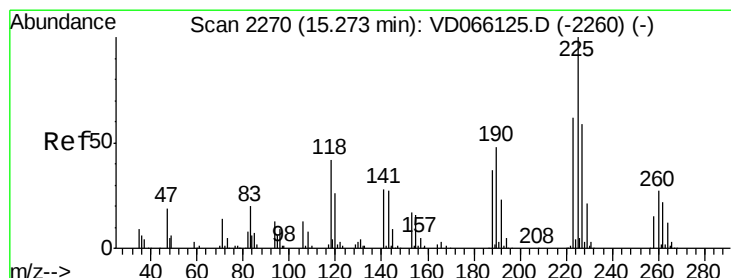
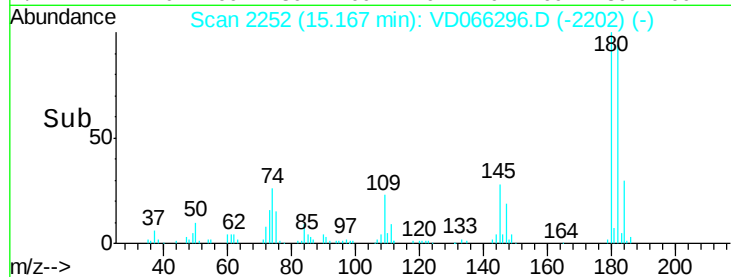
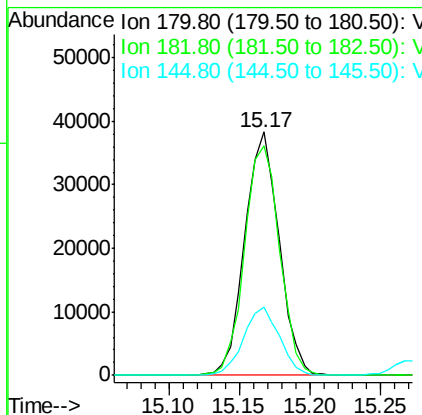
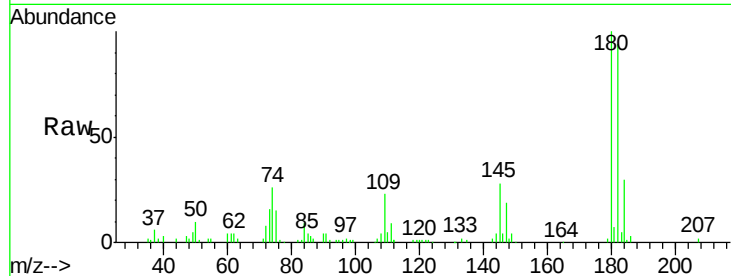
#93
 1,2,4-Trichlorobenzene
 Concen: 18.867 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	29.0	14.5	43.6

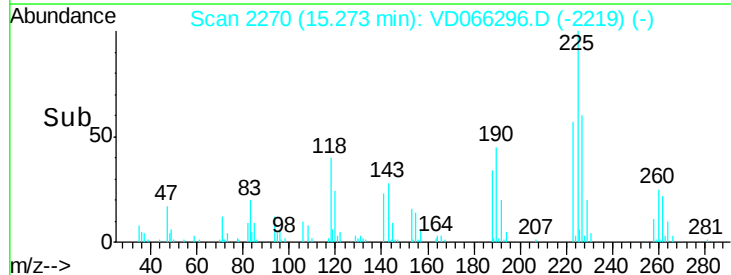
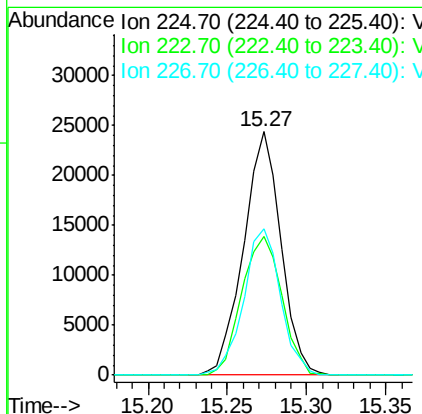
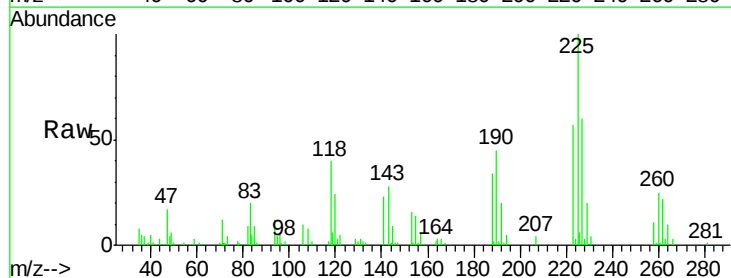
Manual Integrations
 APPROVED

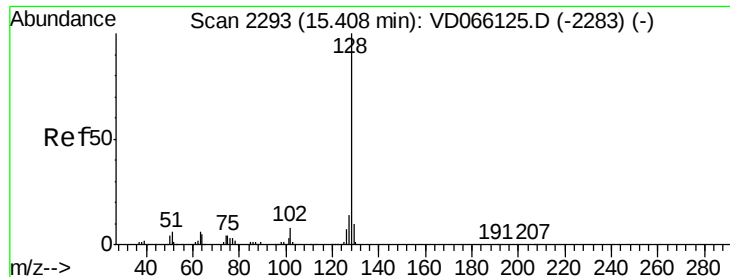
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#94
 Hexachlorobutadiene
 Concen: 19.506 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066296.D
 Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.3	96.9
227	59.2	32.1	96.5





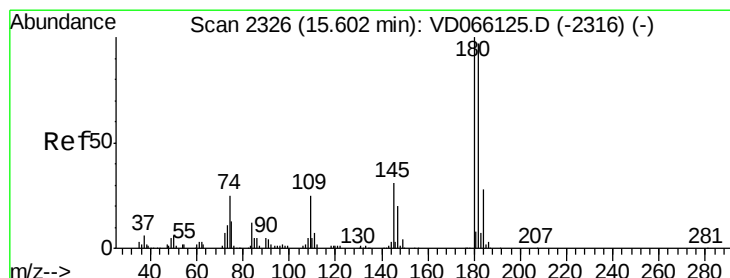
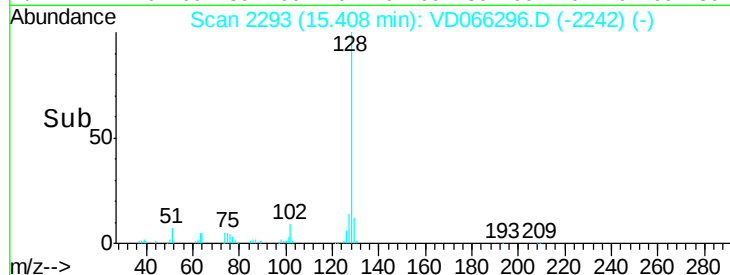
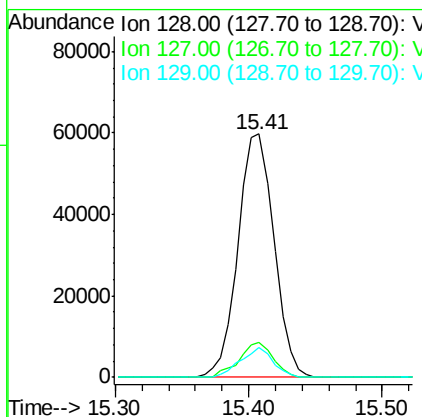
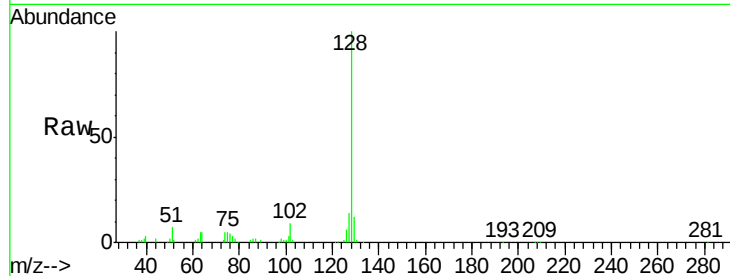
#95
Naphthalene
Concen: 19.646 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	111512		
127	13.6		11.0	16.4
129	11.2		8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.062 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066296.D
Acq: 19 Aug 2020 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58619		
182	96.4		47.1	141.4
145	31.2		14.9	44.9

