

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066411.D
 Acq On : 26 Aug 2020 10:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 3:08:29 PM

Quant Time: Aug 27 07:39:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	201338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	272317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	101676	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	7.91	113	82415	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.34	98	304559	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.63	95	111444	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	80375	46.957	ug/l	98
3) Chloromethane	2.20	50	52364	43.159	ug/l	97
4) Vinyl Chloride	2.35	62	60792	46.667	ug/l	96
5) Bromomethane	2.76	94	55172	56.623	ug/l	99
6) Chloroethane	2.92	64	40725	48.823	ug/l	95
7) Trichlorofluoromethane	3.27	101	183962	51.933	ug/l	93
8) Diethyl Ether	3.71	74	36806	46.374	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	83714	47.887	ug/l	99
10) Methyl Iodide	4.30	142	68792	34.502	ug/l	96
11) Tert butyl alcohol	5.21	59	33807	309.171	ug/l #	71
12) 1,1-Dichloroethene	4.07	96	79102	48.204	ug/l	94
13) Acrolein	3.92	56	14436	164.693	ug/l	91
14) Allyl chloride	4.71	41	98987	45.194	ug/l	90
15) Acrylonitrile	5.42	53	76737	240.976	ug/l	97
16) Acetone	4.16	43	103280	290.223	ug/l	94
17) Carbon Disulfide	4.41	76	229978	46.244	ug/l	99
18) Methyl Acetate	4.71	43	30760	46.055	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	201357	50.960	ug/l #	92
20) Methylene Chloride	4.96	84	89286	46.510	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	90094	47.165	ug/l	95
22) Diisopropyl ether	6.36	45	198254	46.751	ug/l #	96
23) Vinyl Acetate	6.30	43	646672	246.330	ug/l	96
24) 1,1-Dichloroethane	6.26	63	141364	47.172	ug/l	97
25) 2-Butanone	7.21	43	102755	254.348	ug/l	98
26) 2,2-Dichloropropane	7.20	77	170253	53.006	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	99536	48.631	ug/l	98
28) Bromochloromethane	7.54	49	49712	48.158	ug/l	92
29) Tetrahydrofuran	7.56	42	53388	232.664	ug/l	94
30) Chloroform	7.71	83	176071	50.781	ug/l	97
31) Cyclohexane	7.98	56	115019	41.966	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	186510	52.559	ug/l	100
36) 1,1-Dichloropropene	8.11	75	127255	51.215	ug/l	99
37) Ethyl Acetate	7.29	43	42767	50.606	ug/l #	95
38) Carbon Tetrachloride	8.09	117	184101	56.870	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	150739	51.500	ug/l	97
40) Benzene	8.34	78	338626	51.805	ug/l	96
41) Methacrylonitrile	7.53	41	26773m	51.373	ug/l	
42) 1,2-Dichloroethane	8.42	62	130957	56.884	ug/l	99
43) Isopropyl Acetate	8.44	43	86109	50.765	ug/l	99
44) Trichloroethene	9.11	130	111982	52.723	ug/l	99
45) 1,2-Dichloropropane	9.38	63	72552	48.960	ug/l	95
46) Dibromomethane	9.47	93	49182	53.306	ug/l	98
47) Bromodichloromethane	9.66	83	141005	55.573	ug/l	98
48) Methyl methacrylate	9.46	41	43104	49.279	ug/l	98
49) 1,4-Dioxane	9.45	88	10739	1002.399	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	208792	254.450	ug/l	99
52) Toluene	10.40	92	231899	52.365	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	128430	53.344	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	143488	53.096	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	63405	50.763	ug/l	97
56) Ethyl methacrylate	10.66	69	75129	51.959	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	107253	51.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	154374	257.063	ug/l	95
59) 2-Hexanone	10.98	43	159669	275.864	ug/l	100
60) Dibromochloromethane	11.14	129	97152	51.601	ug/l	95
61) 1,2-Dibromoethane	11.24	107	63395	51.575	ug/l	100
64) Tetrachloroethene	10.87	164	97623	51.737	ug/l	94
65) Chlorobenzene	11.67	112	263868	53.321	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	106068	52.447	ug/l	99
67) Ethyl Benzene	11.74	91	464673	53.343	ug/l	96
68) m/p-Xylenes	11.85	106	355559	107.089	ug/l	97
69) o-Xylene	12.18	106	160555	51.980	ug/l	99
70) Styrene	12.19	104	283764	53.504	ug/l	97
71) Bromoform	12.36	173	62024	54.057	ug/l #	100
73) Isopropylbenzene	12.48	105	469278	53.972	ug/l	99
74) N-amyl acetate	12.29	43	78056	49.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	61710	49.683	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	53689m	58.799	ug/l	
77) Bromobenzene	12.76	156	117930	53.438	ug/l	100
78) n-propylbenzene	12.82	91	517317	51.891	ug/l	99
79) 2-Chlorotoluene	12.91	91	300652	52.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	404961	53.943	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	21578	50.162	ug/l	89
82) 4-Chlorotoluene	13.01	91	317438	52.621	ug/l	98
83) tert-Butylbenzene	13.23	119	349734	53.635	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	402031	54.523	ug/l	99
85) sec-Butylbenzene	13.40	105	454766	53.231	ug/l	99
86) p-Isopropyltoluene	13.52	119	451199	54.772	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	219481	53.279	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	218555	52.840	ug/l	100
89) n-Butylbenzene	13.84	91	382004	52.549	ug/l	99
90) Hexachloroethane	14.11	117	81196	49.896	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	191606	54.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13543	51.987	ug/l	95

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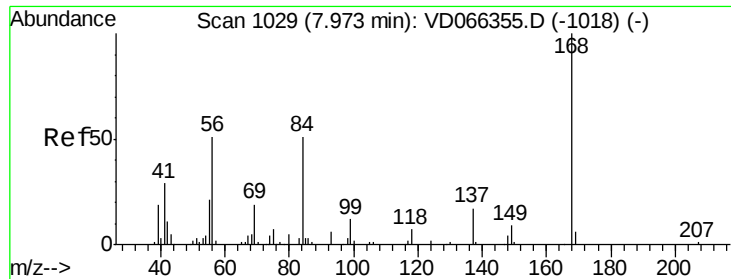
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	149417	53.970	ug/l	98
94) Hexachlorobutadiene	15.27	225	96069	55.839	ug/l	98
95) Naphthalene	15.41	128	238096	54.755	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	128001	53.971	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 201338

Ion Ratio Lower Upper

168 100

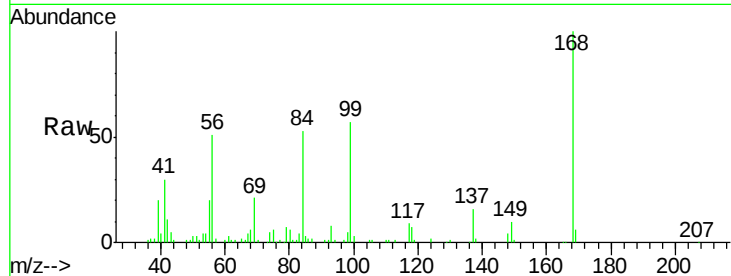
99 57.1 45.4 68.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

60000

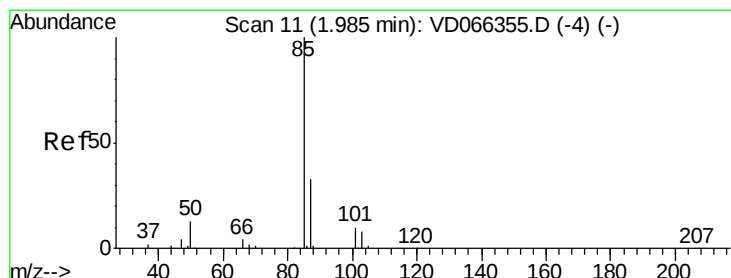
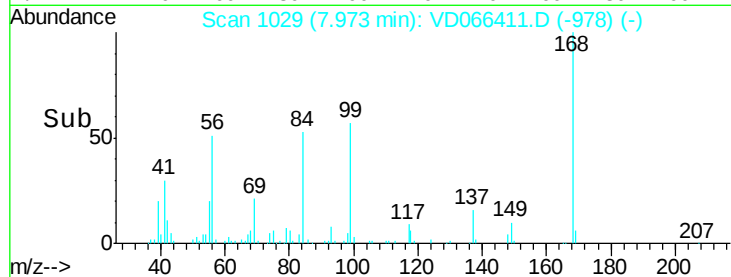
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.957 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066411.D

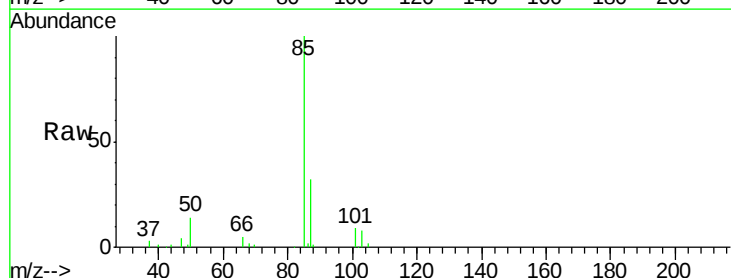
Acq: 26 Aug 2020 10:41

Tgt Ion: 85 Resp: 80375

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

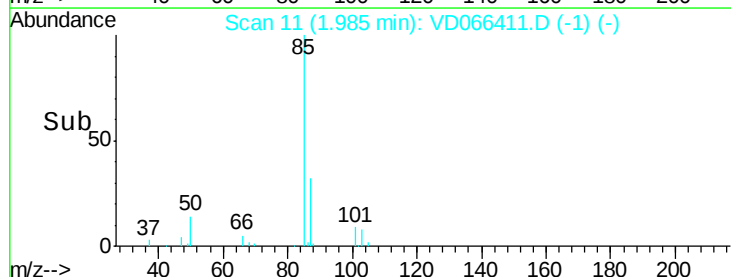
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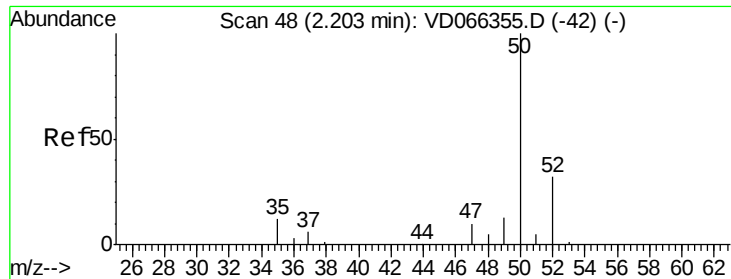
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.159 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tot Ion: 50 Resp: 52364

Ion Ratio Lower Upper

50 100

52 30.7 25.7 38.5

Instrument :

MSVOA_D

ClientSampleId :

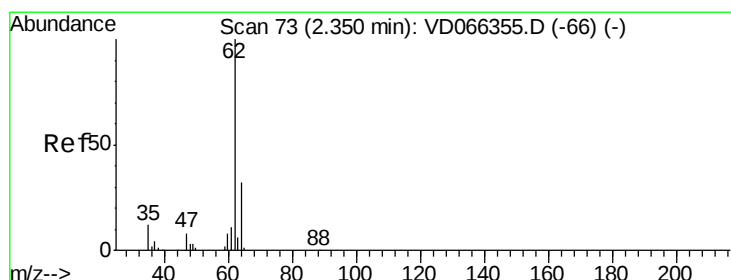
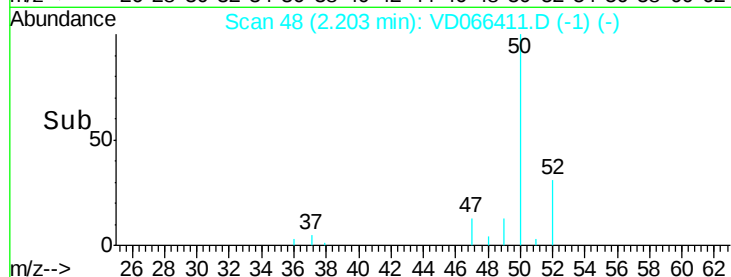
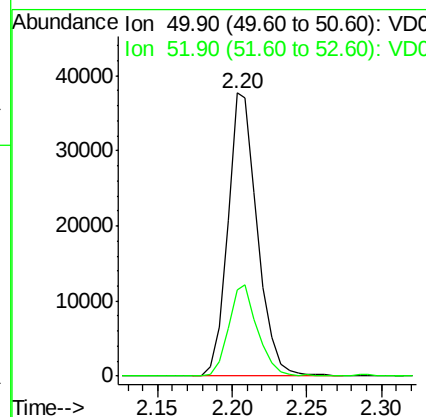
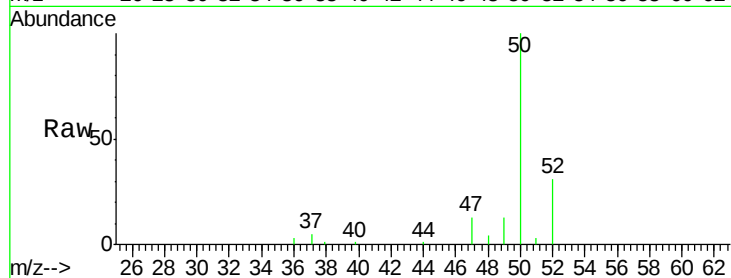
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.667 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066411.D

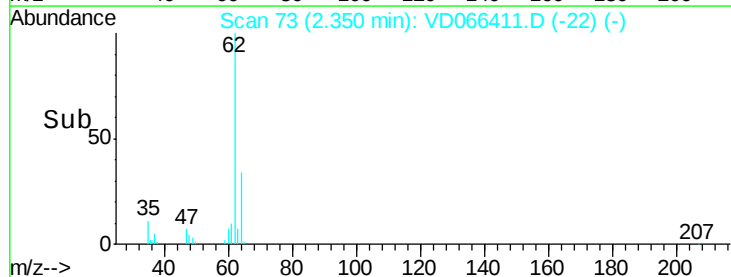
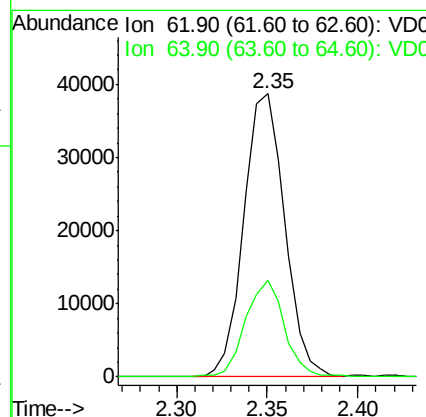
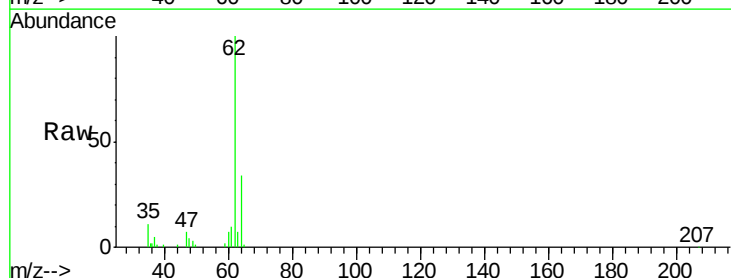
Acq: 26 Aug 2020 10:41

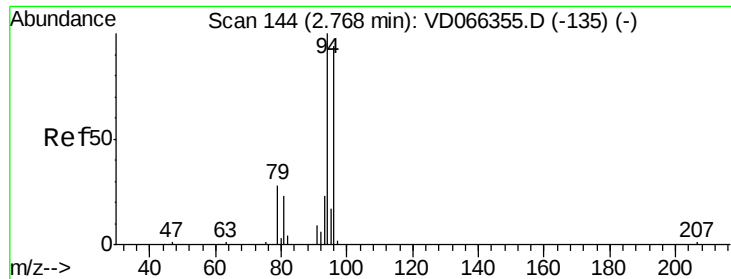
Tgt Ion: 62 Resp: 60792

Ion Ratio Lower Upper

62 100

64 34.3 25.4 38.2





#5

Bromomethane

Concen: 56.623 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 55172

Ion Ratio Lower Upper

94 100

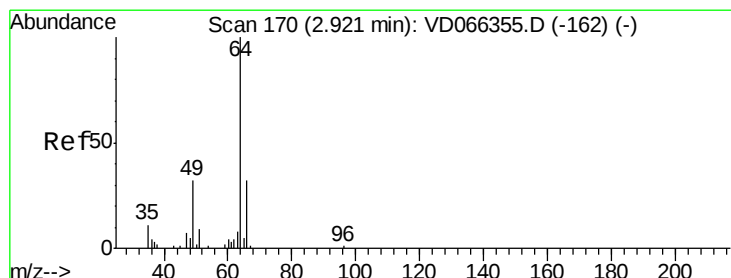
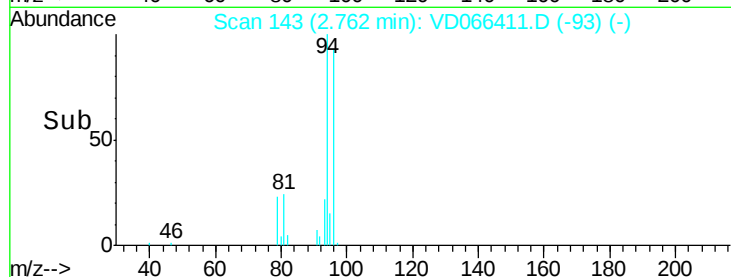
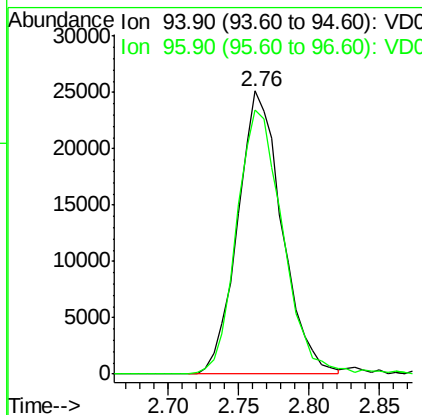
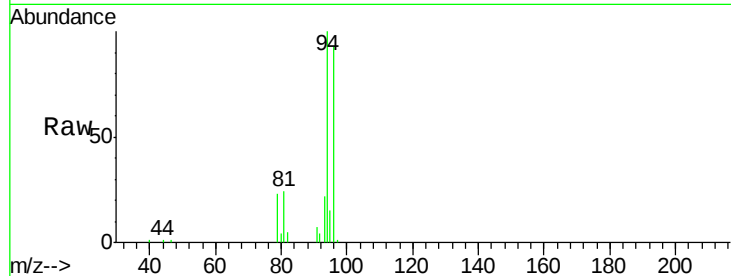
96 93.1 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 48.823 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066411.D

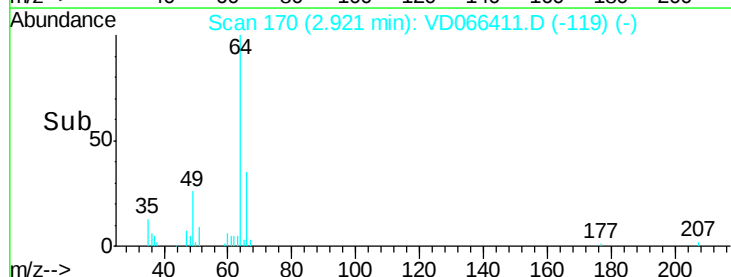
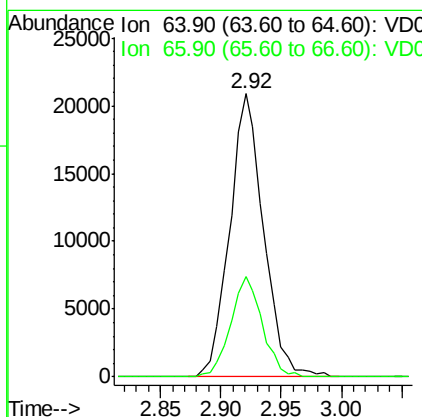
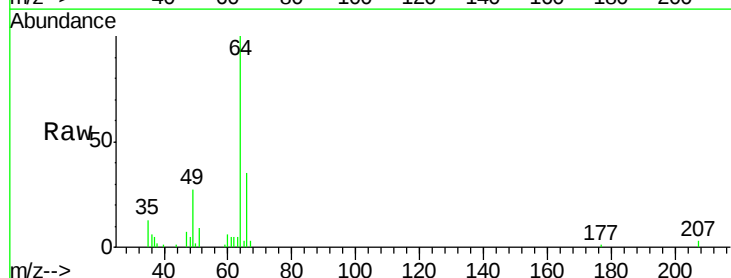
Acq: 26 Aug 2020 10:41

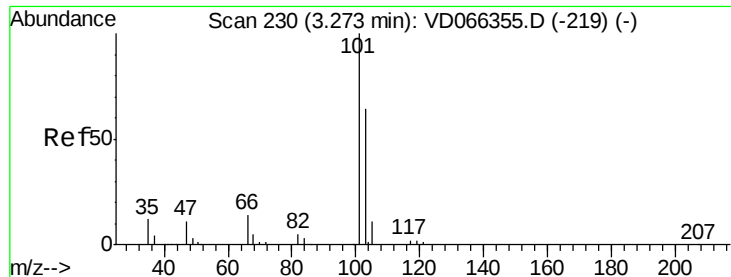
Tgt Ion: 64 Resp: 40725

Ion Ratio Lower Upper

64 100

66 35.4 25.9 38.9





#7

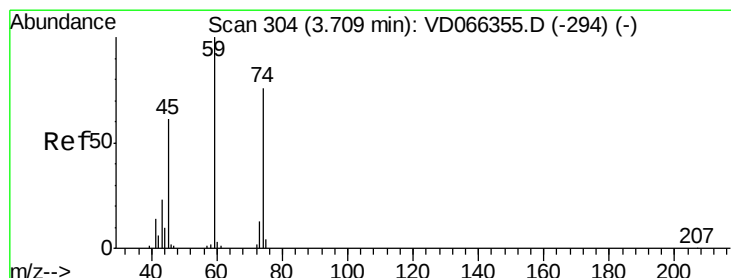
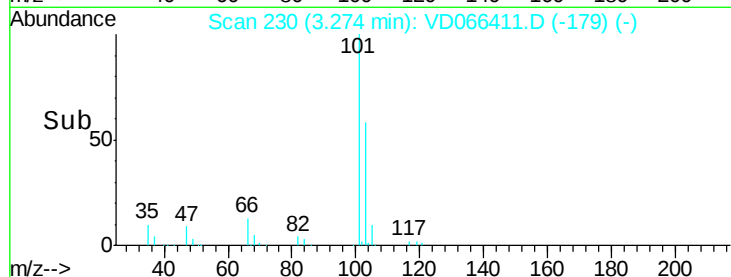
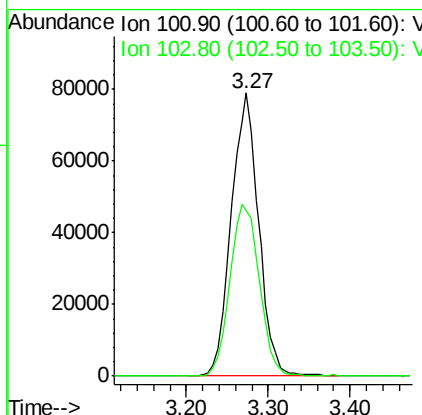
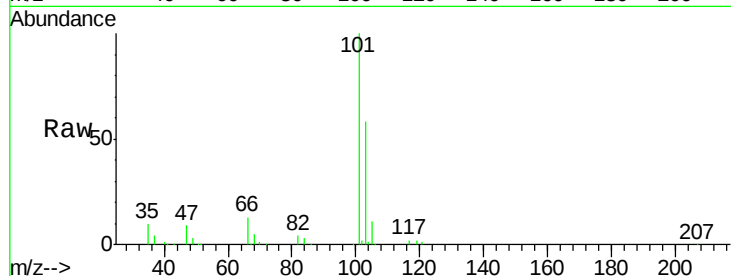
Trichlorofluoromethane
 Concen: 51.933 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.3	51.4	77.0

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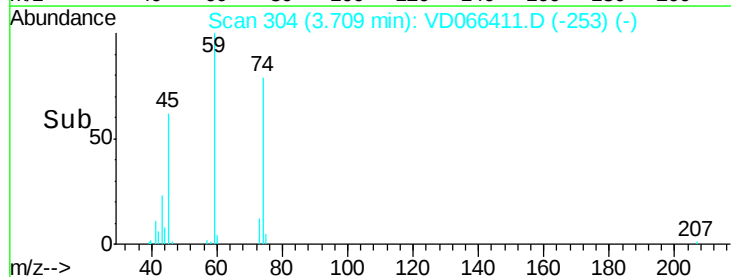
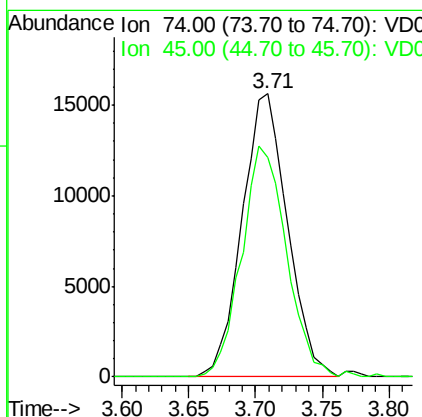
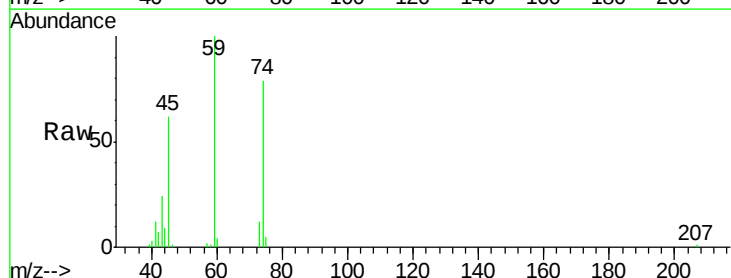
MMDadoda
 8/27/2020 3:08:29 PM

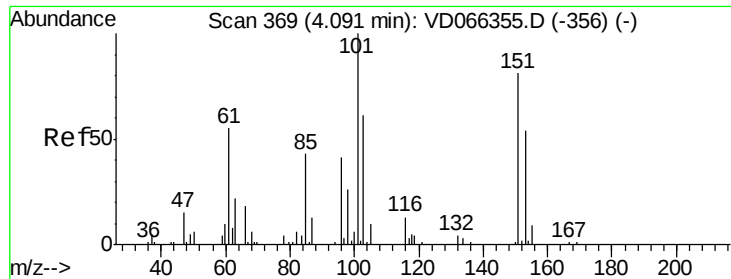


#8

Diethyl Ether
 Concen: 46.374 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.887 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

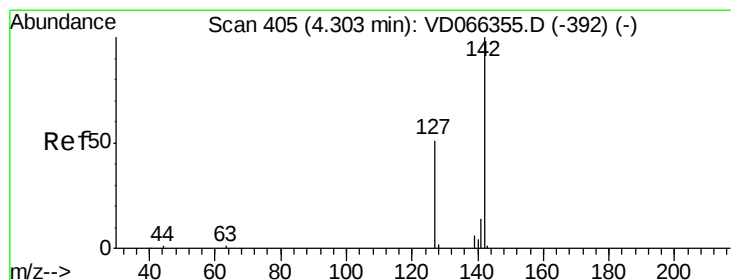
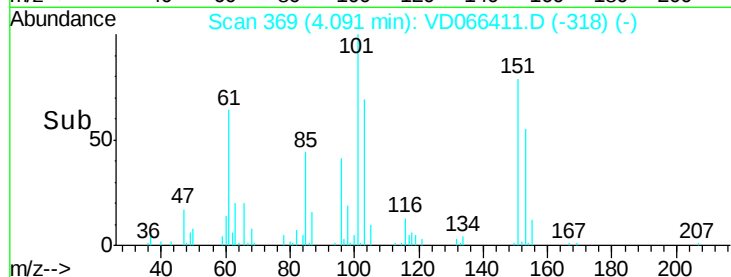
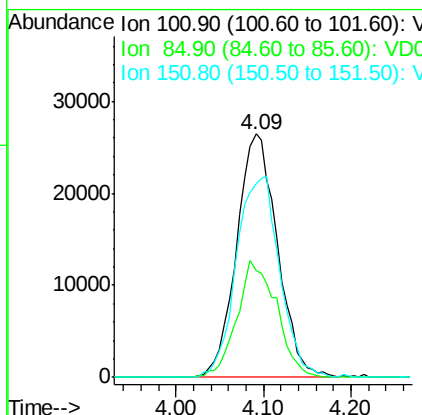
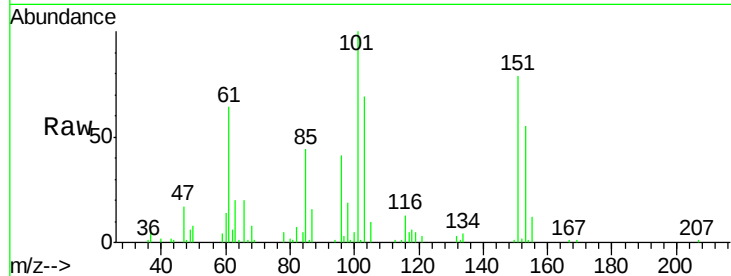
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	83714
Ion Ratio	Lower	Upper	
101	100		
85	46.6	36.4	54.6
151	87.9	70.5	105.7

Manual Integrations
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#10

Methyl Iodide

Concen: 34.502 ug/l

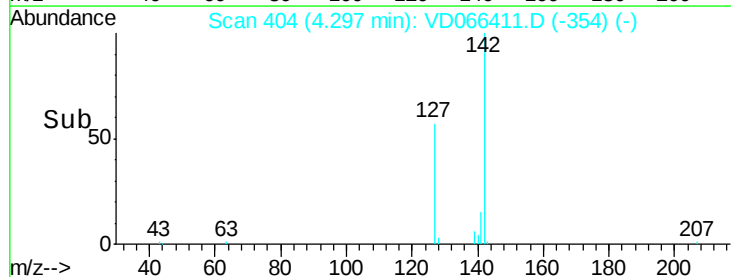
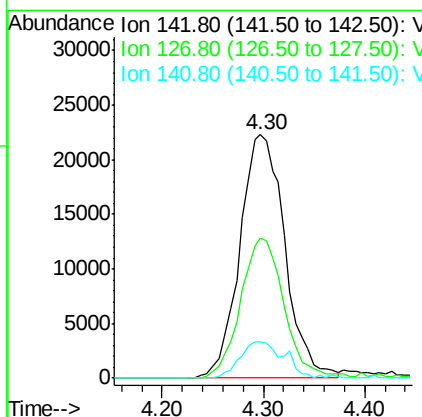
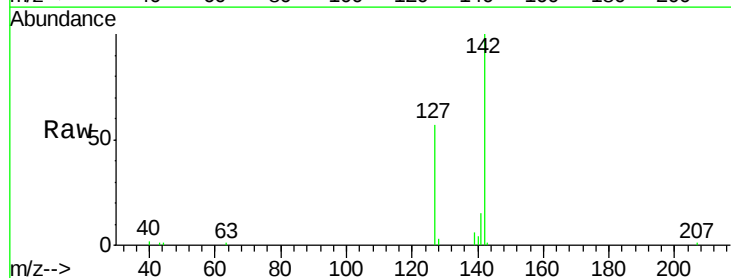
RT: 4.30 min Scan# 404

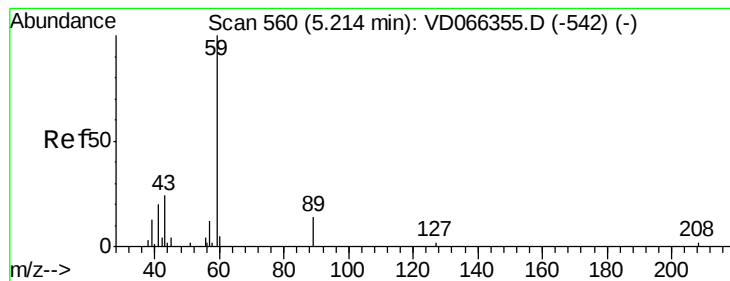
Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion:	142	Resp:	68792
Ion Ratio	Lower	Upper	
142	100		
127	55.5	41.8	62.8
141	14.8	11.8	17.6





#11

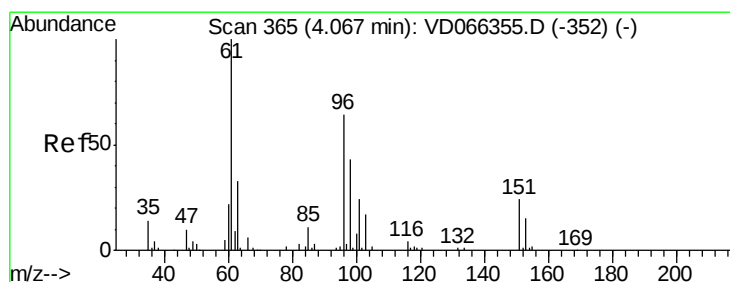
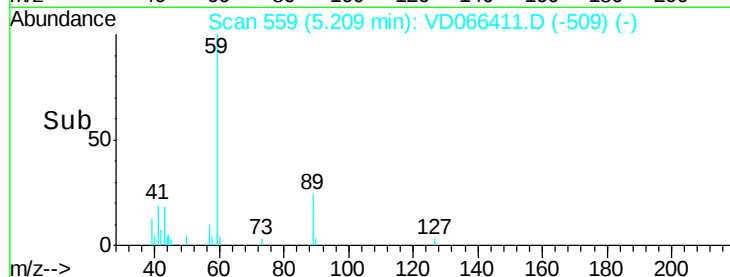
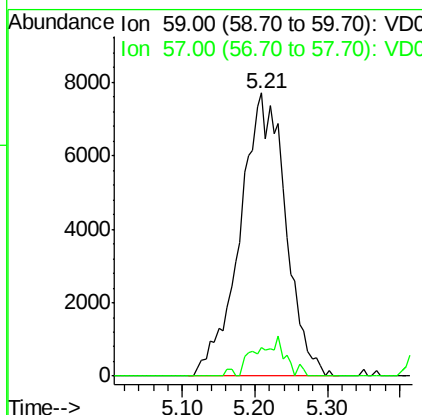
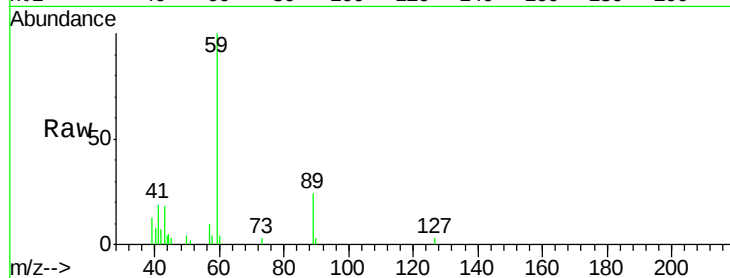
Tert butyl alcohol
Concen: 309.171 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	33807		
57	0.0	9.0	13.4#	

Manual Integrations
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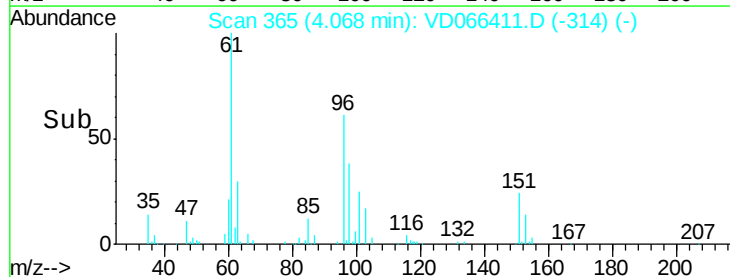
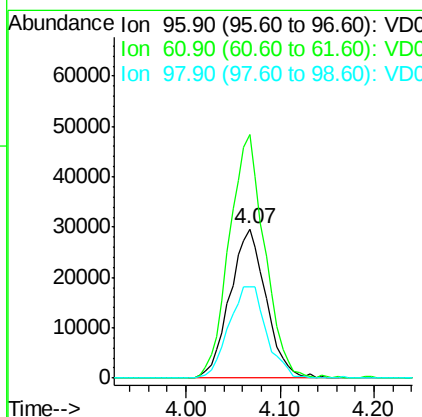
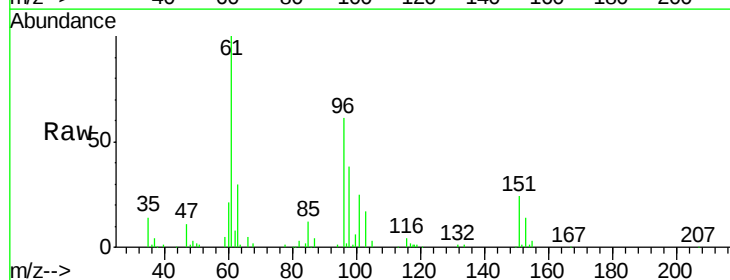
MMDadoda
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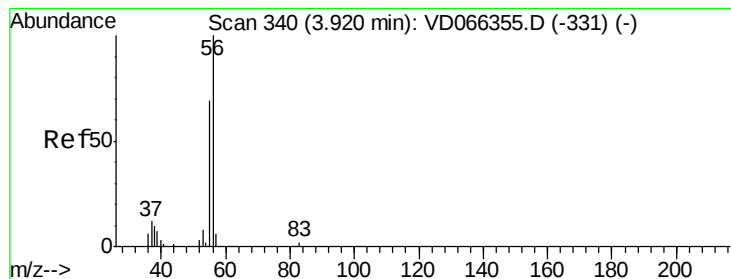


#12

1,1-Dichloroethene
Concen: 48.204 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	79102		
61	163.3	124.3	186.5	
98	61.5	53.2	79.8	





#13

Acrolein

Concen: 164.693 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 14436

Ion Ratio Lower Upper

56 100

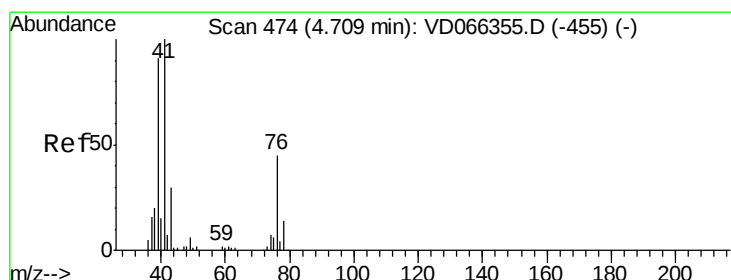
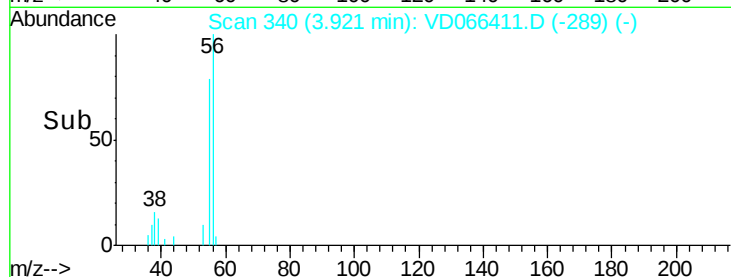
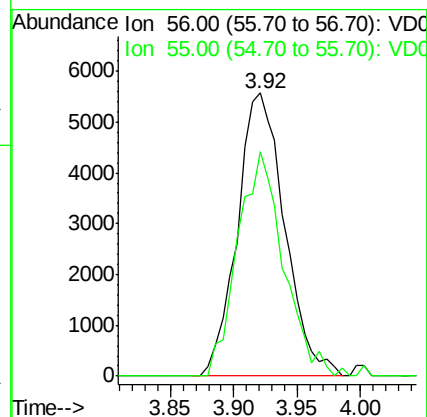
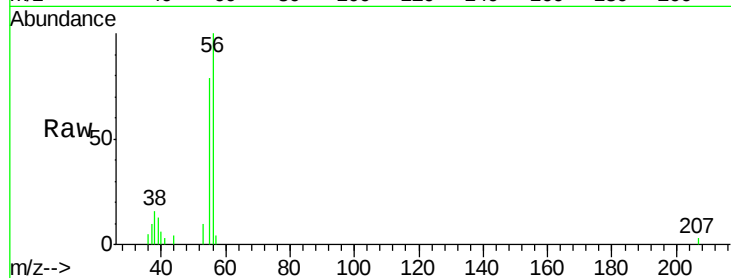
55 76.9 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 45.194 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

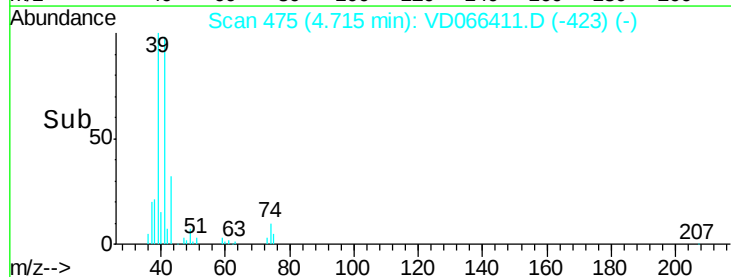
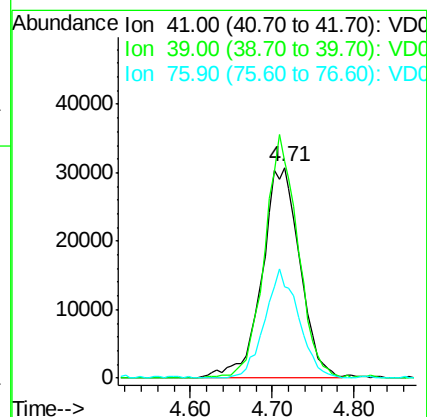
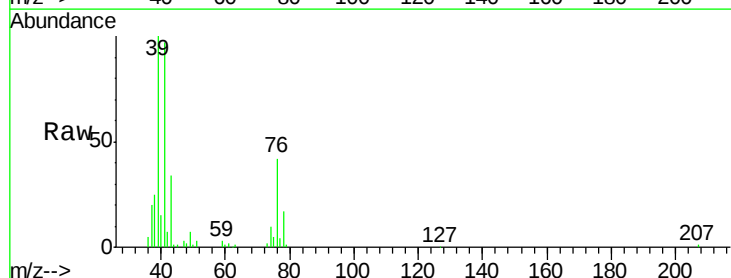
Tgt Ion: 41 Resp: 98987

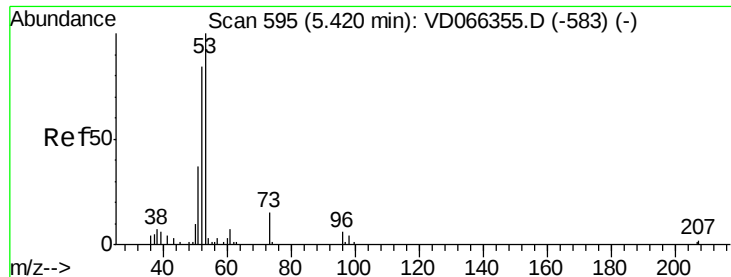
Ion Ratio Lower Upper

41 100

39 102.0 72.8 109.2

76 46.2 34.0 51.0





#15

Acrylonitrile

Concen: 240.976 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

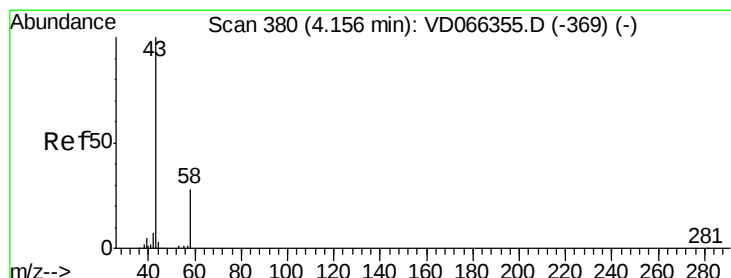
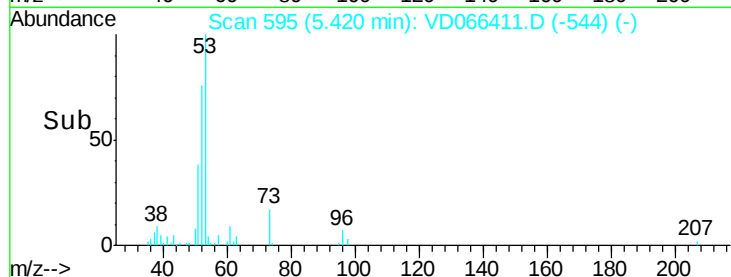
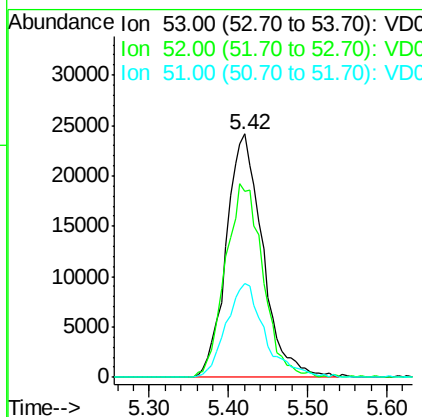
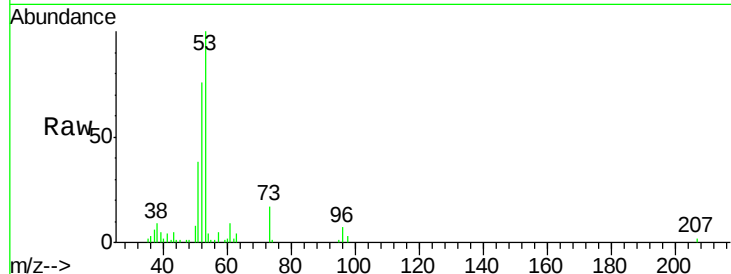
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	76737
Ion	Ratio	Lower	Upper
53	100		
52	82.0	68.1	102.1
51	41.1	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 290.223 ug/l

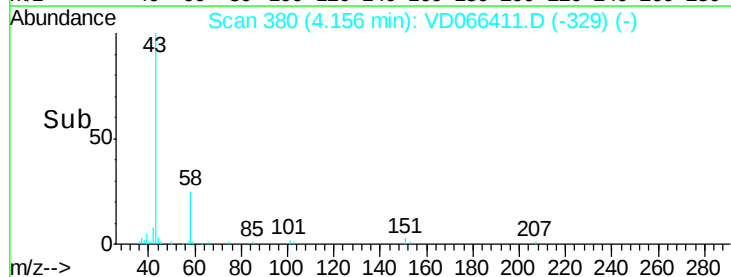
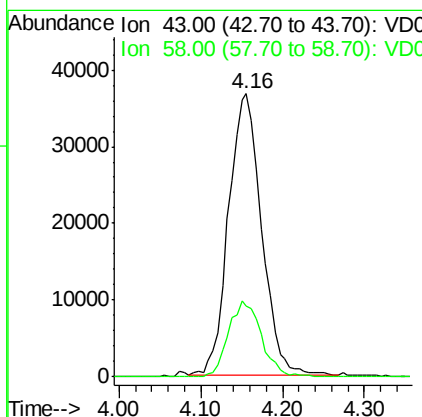
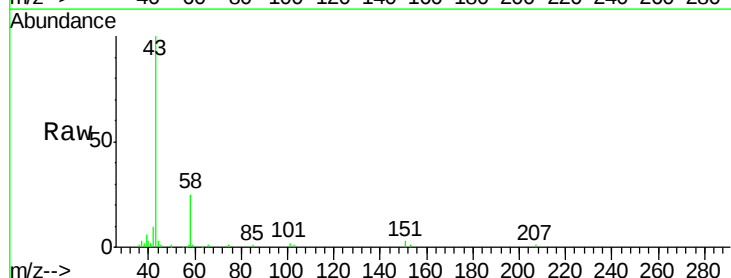
RT: 4.16 min Scan# 380

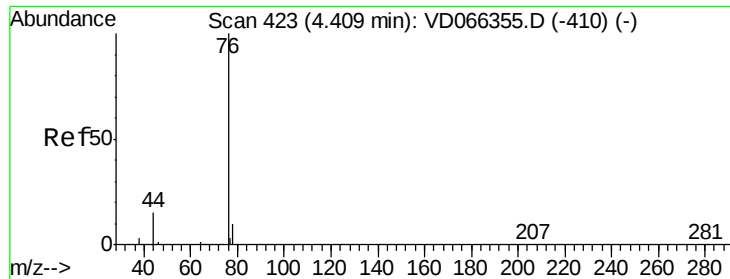
Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion:	43	Resp:	103280
Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.7	34.1





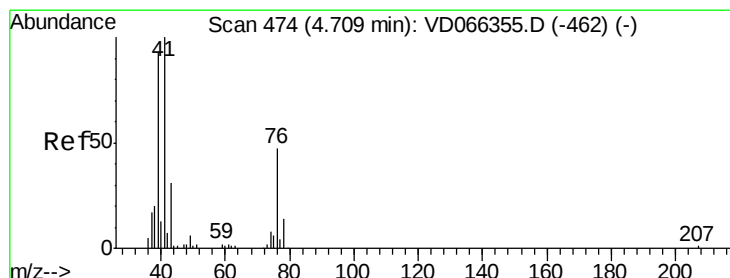
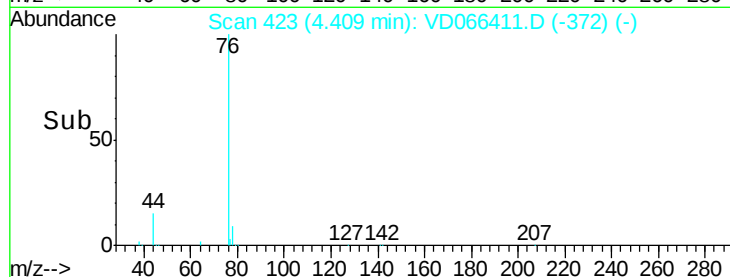
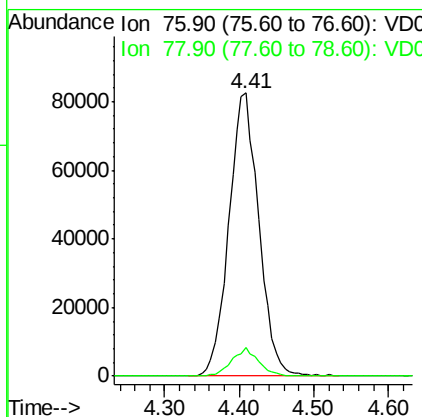
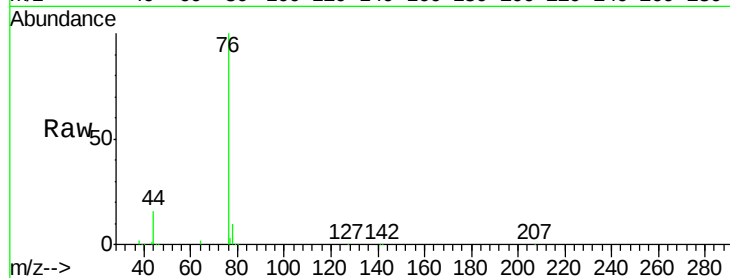
#17
Carbon Disulfide
Concen: 46.244 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	76	Resp	229978
Ion Ratio	Lower	Upper	
76	100		
78	10.1	7.7	11.5

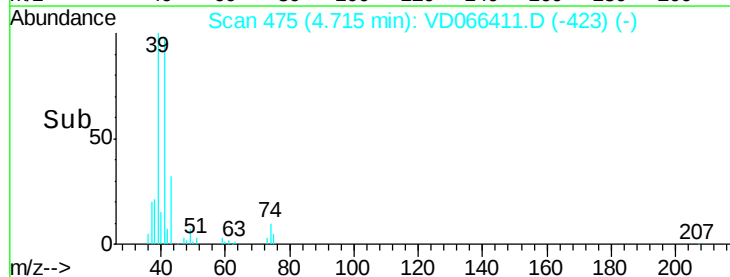
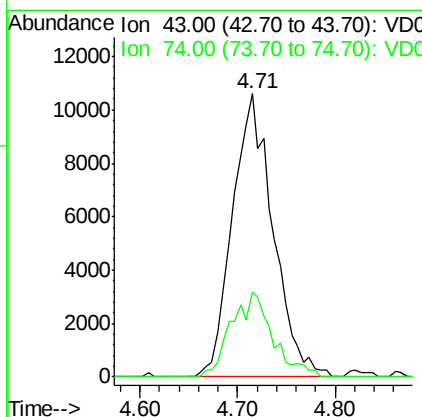
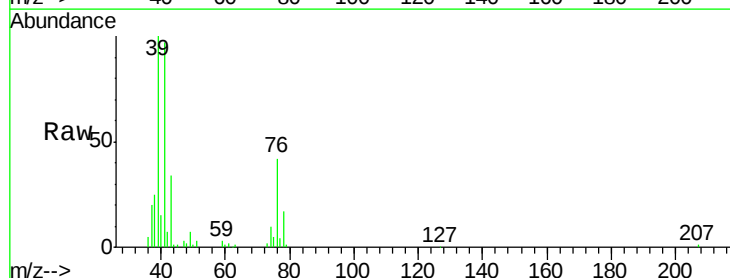
Manual Integrations
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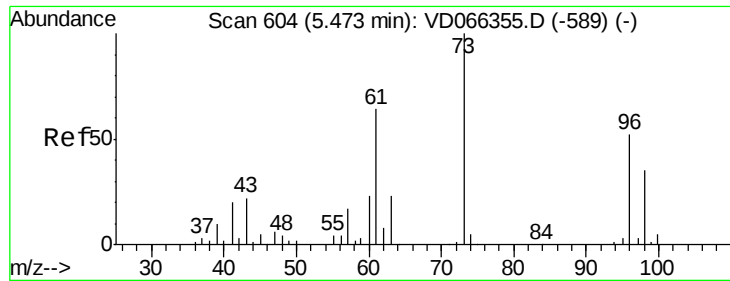
MMDadoda
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#18
Methyl Acetate
Concen: 46.055 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	43	Resp	30760
Ion Ratio	Lower	Upper	
43	100		
74	30.3	21.0	31.6





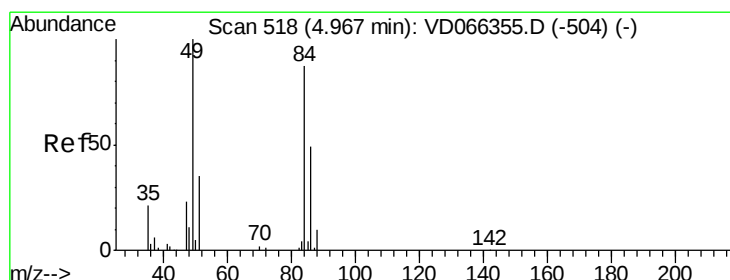
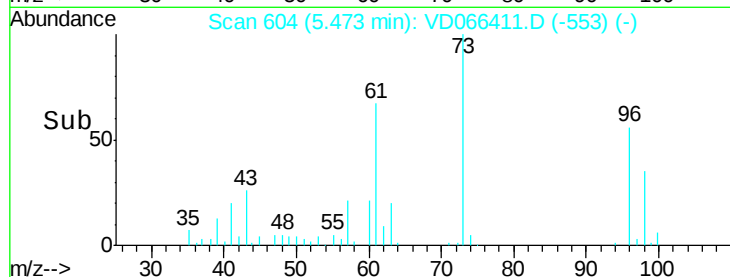
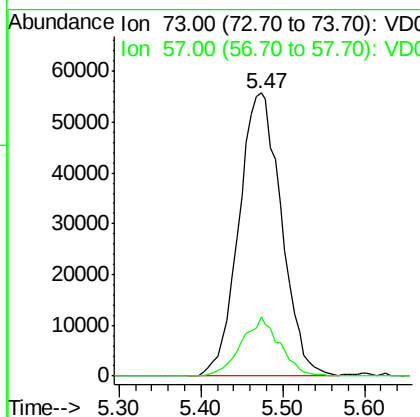
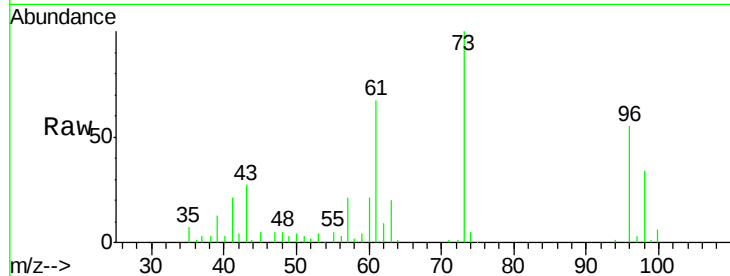
#19
Methvl tert-butvl Ether
Concen: 50.960 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 201357
Ion Ratio Lower Upper
73 100
57 20.8 13.8 20.6#

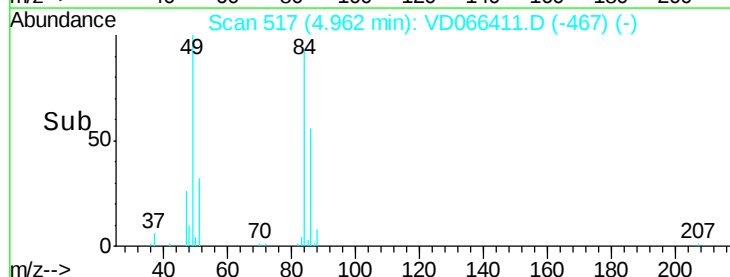
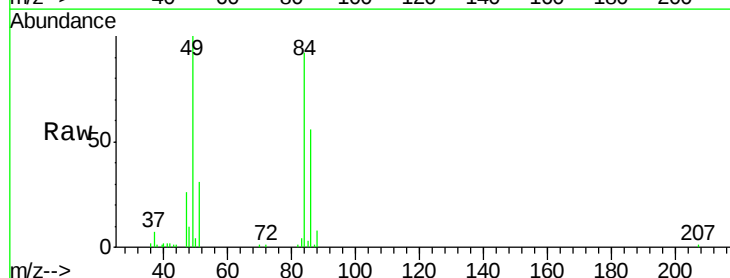
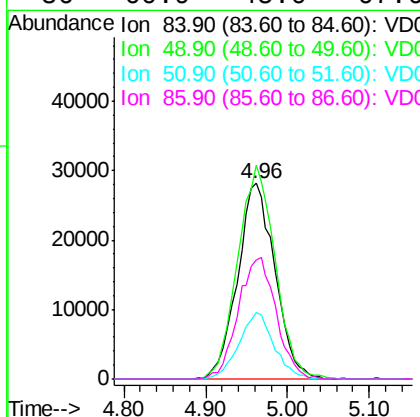
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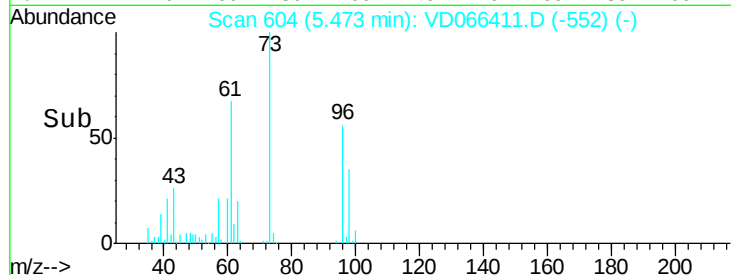
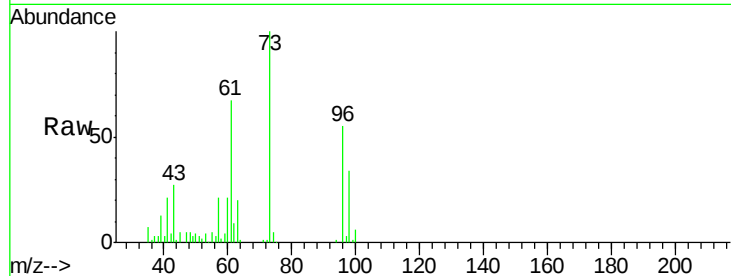
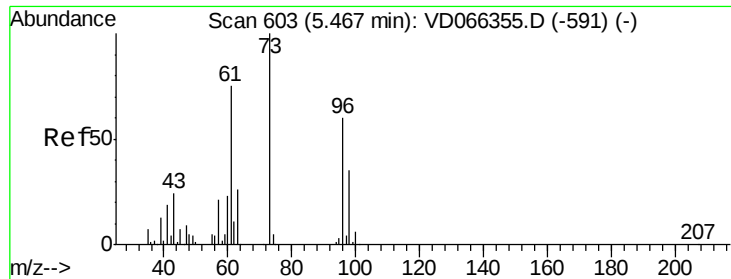
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#20
Methylene Chloride
Concen: 46.510 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 84 Resp: 89286
Ion Ratio Lower Upper
84 100
49 109.2 92.5 138.7
51 34.1 32.5 48.7
86 60.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 47.165 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066411.D

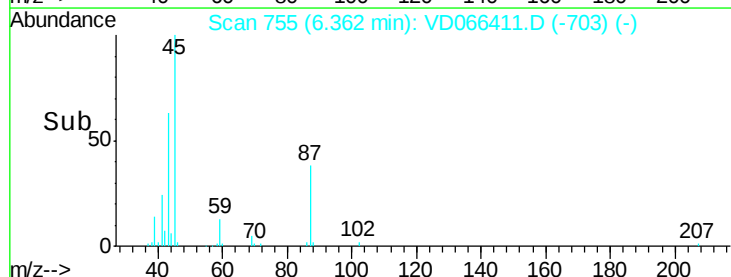
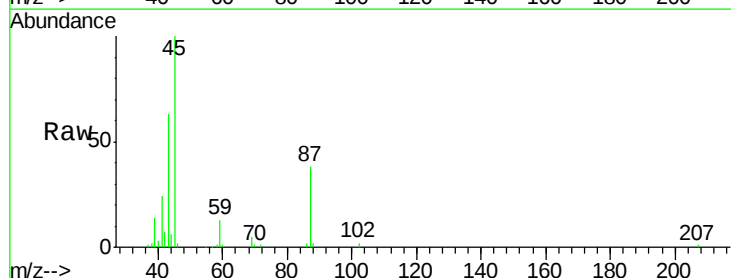
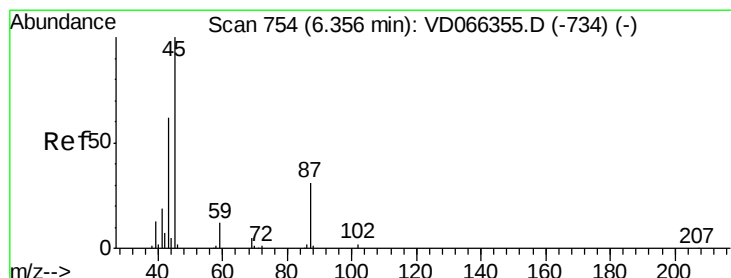
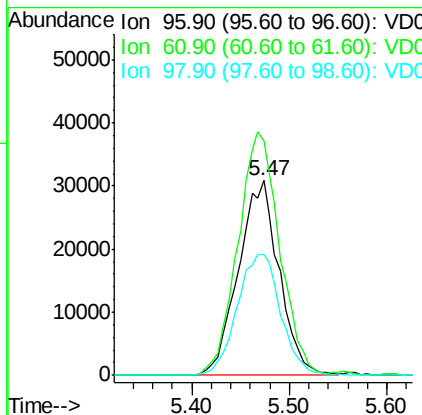
Acq: 26 Aug 2020 10:41

Tot Ion:	96	Resp:	90094
Ion	Ratio	Lower	Upper
96	100		
61	120.7	101.1	151.7
98	61.7	47.0	70.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.751 ug/l

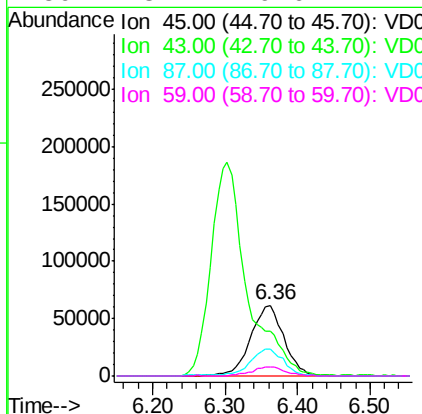
RT: 6.36 min Scan# 755

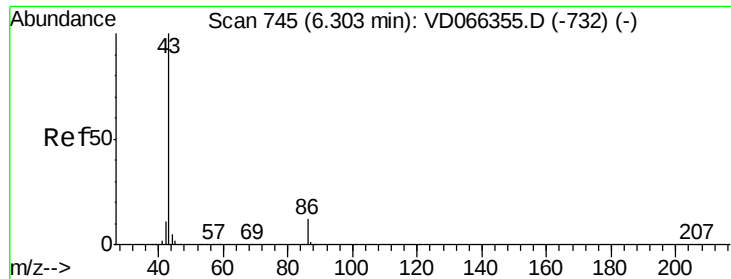
Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion:	45	Resp:	198254
Ion	Ratio	Lower	Upper
45	100		
43	62.3	49.8	74.8
87	38.2	25.0	37.6#
59	13.2	9.6	14.4





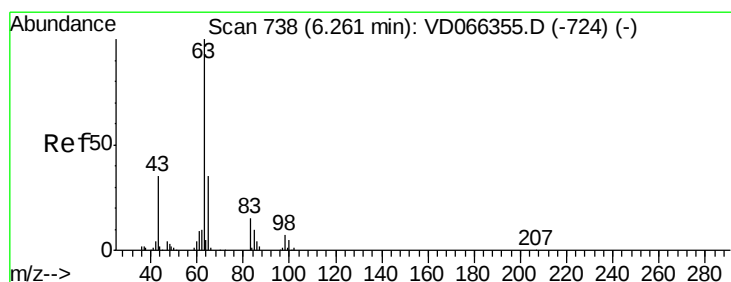
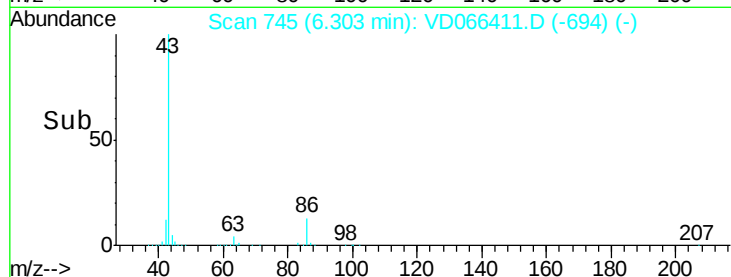
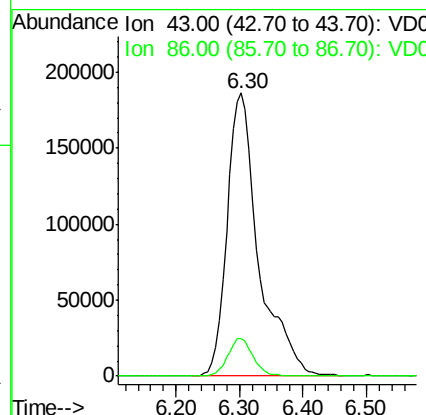
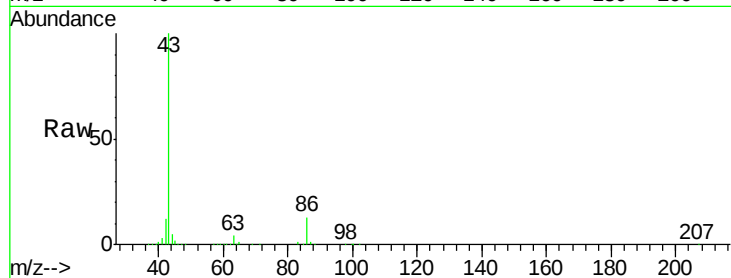
#23
 Vinyl Acetate
 Concen: 246.330 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.4	9.4	14.0

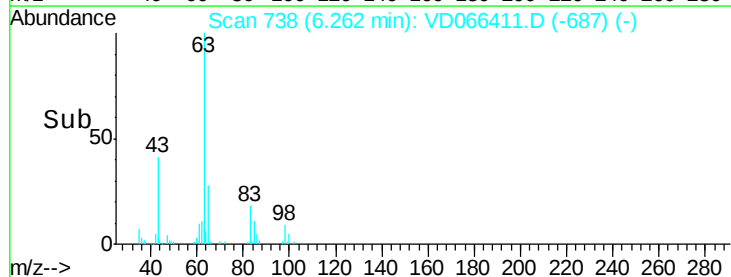
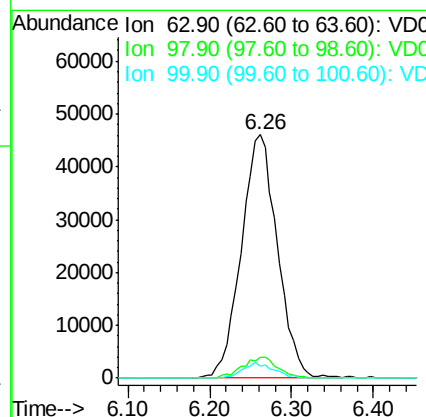
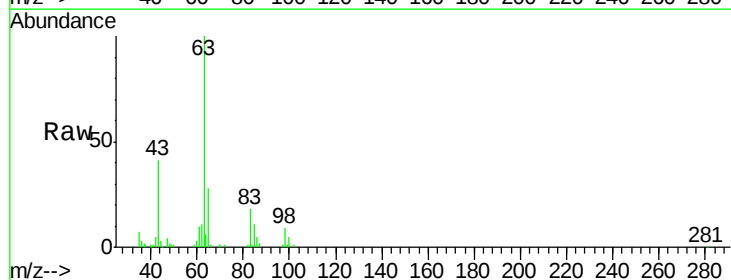
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#24
 1,1-Dichloroethane
 Concen: 47.172 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.8	3.5	10.6
100	4.7	2.5	7.6





#25

2-Butanone

Concen: 254.348 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 102755

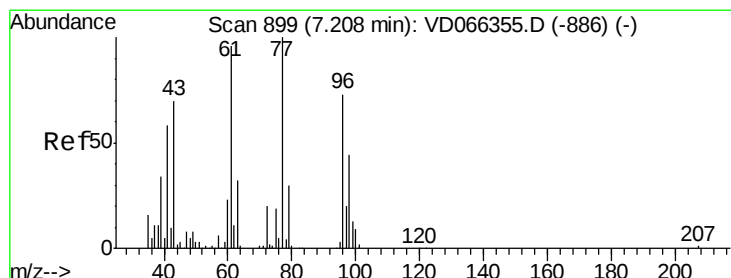
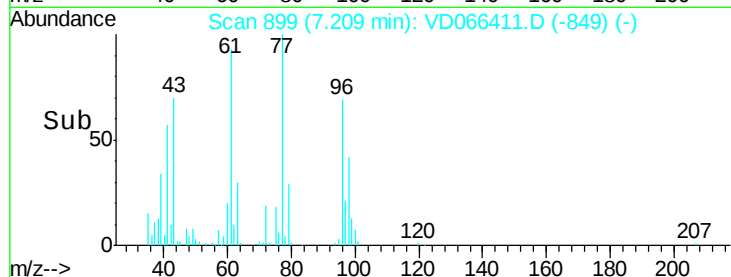
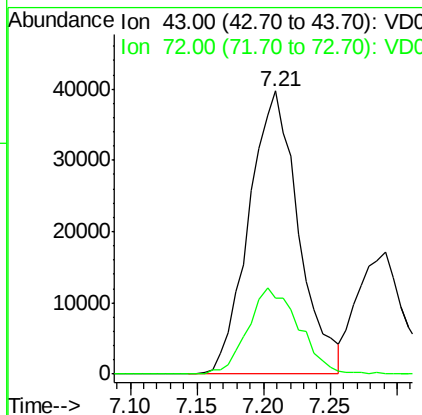
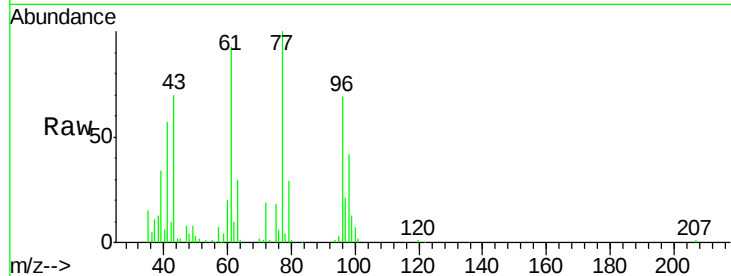
Ion Ratio Lower Upper

43 100

72 27.0 22.5 33.7

Manual Integrations
APPROVED

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#26

2,2-Dichloropropane

Concen: 53.006 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066411.D

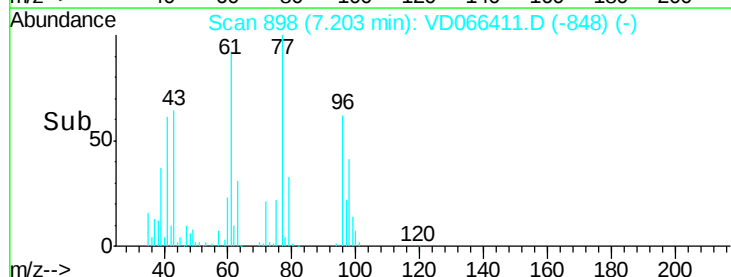
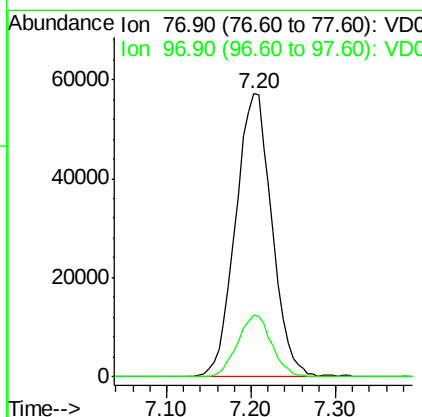
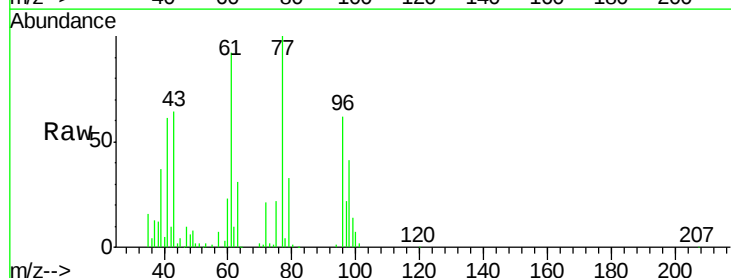
Acq: 26 Aug 2020 10:41

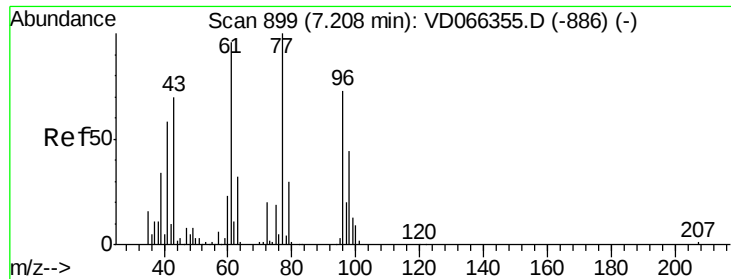
Tgt Ion: 77 Resp: 170253

Ion Ratio Lower Upper

77 100

97 20.5 10.7 31.9





#27

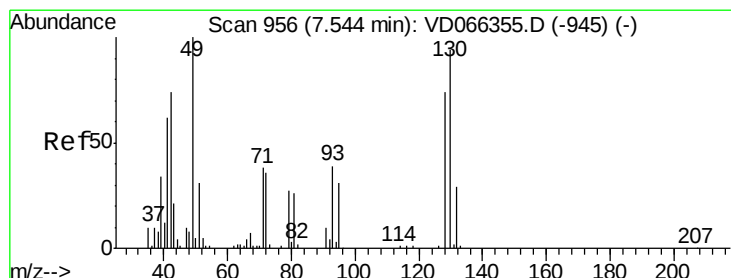
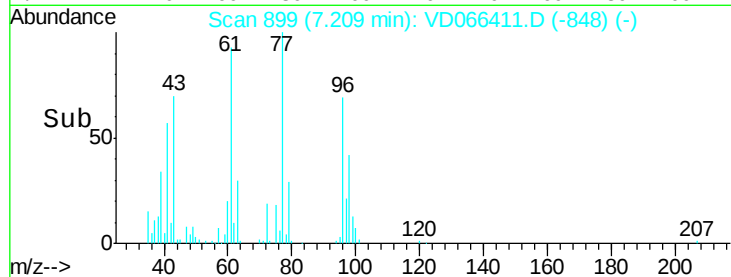
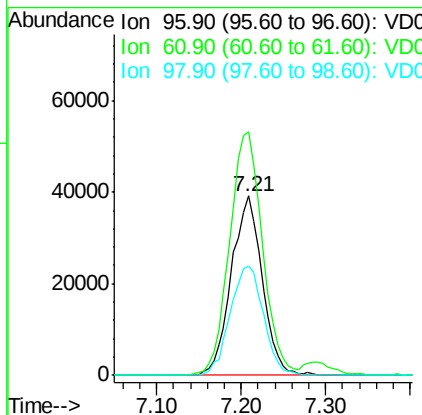
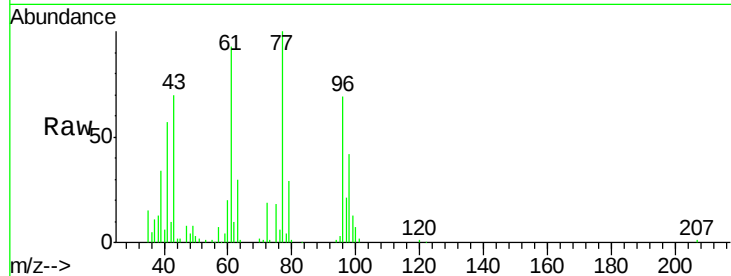
cis-1,2-Dichloroethene
Concen: 48.631 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.8	0.0	281.4	
98	65.4	0.0	132.2	

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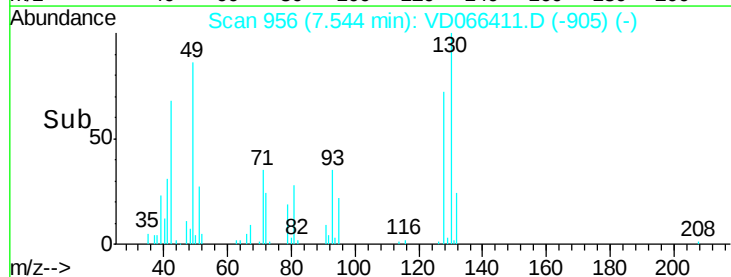
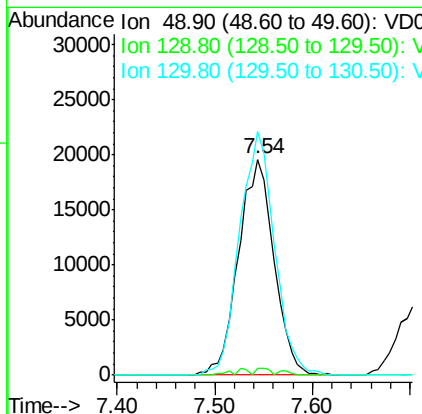
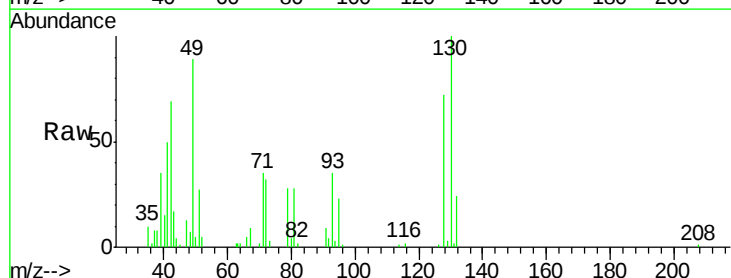
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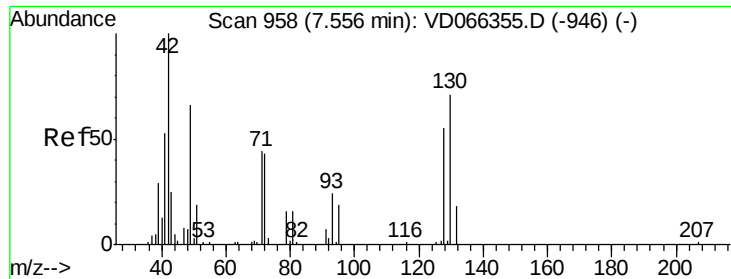


#28

Bromochloromethane
Concen: 48.158 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	3.0	
130	111.3	82.6	124.0	





#29

Tetrahydrofuran

Concen: 232.664 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

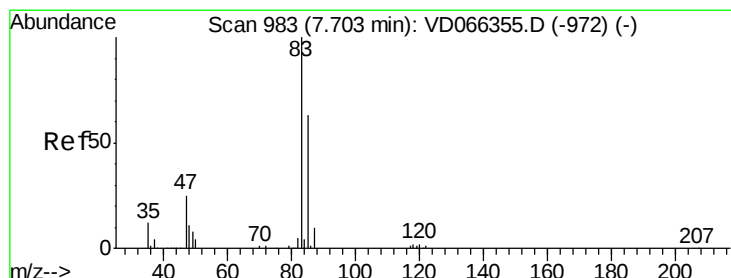
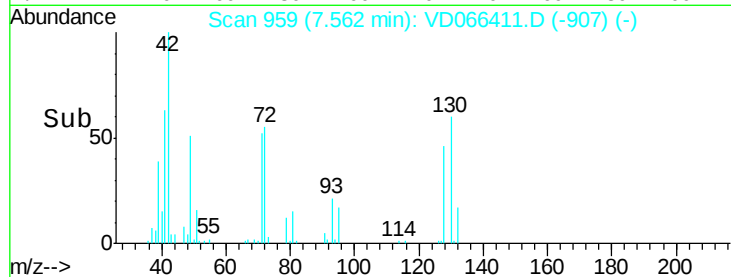
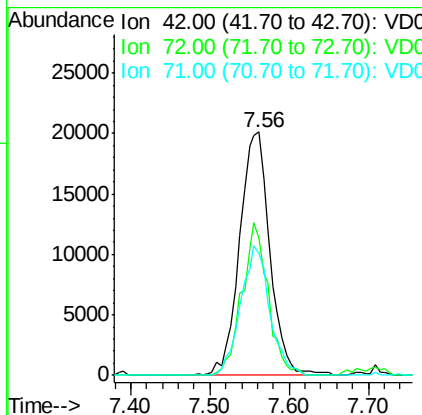
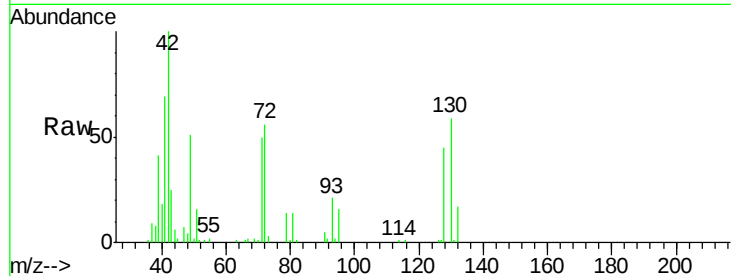
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	53388
Ion	Ratio	Lower	Upper
42	100		
72	54.4	41.0	61.4
71	51.1	37.2	55.8

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#30

Chloroform

Concen: 50.781 ug/l

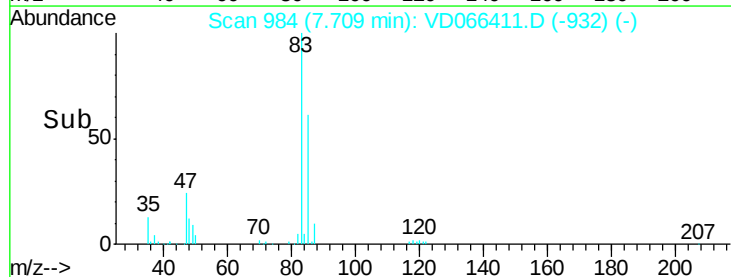
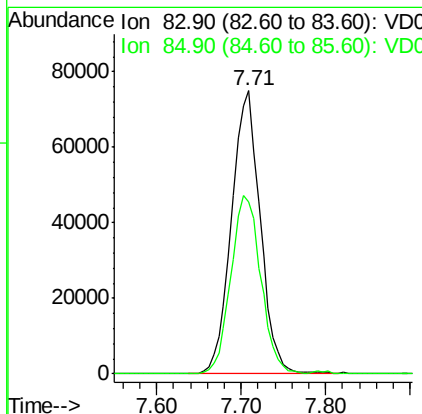
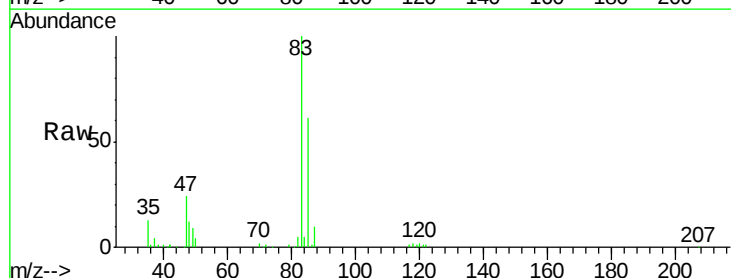
RT: 7.71 min Scan# 984

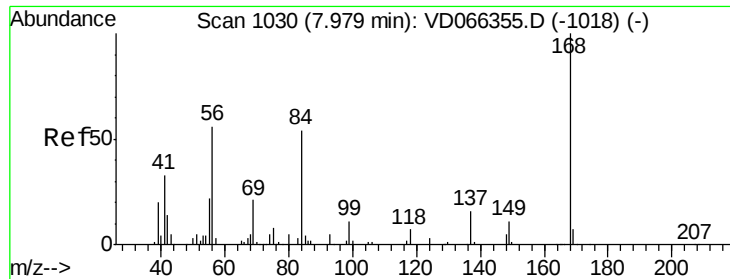
Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion:	83	Resp:	176071
Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.3	75.5





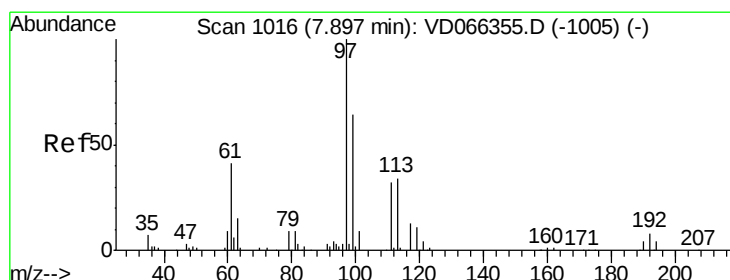
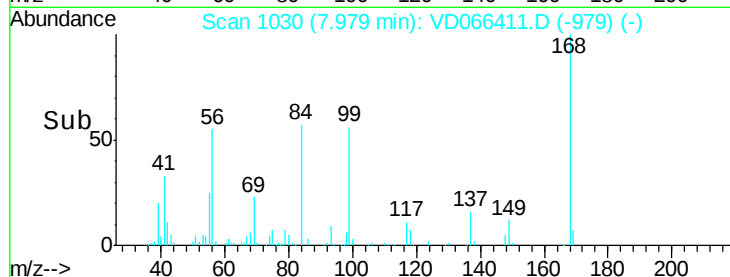
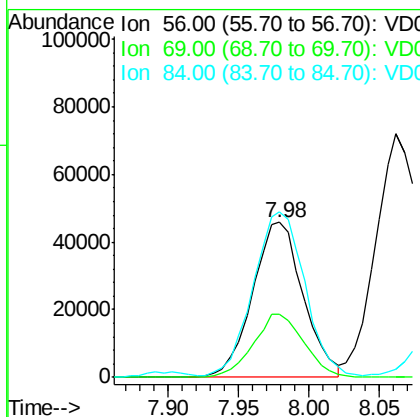
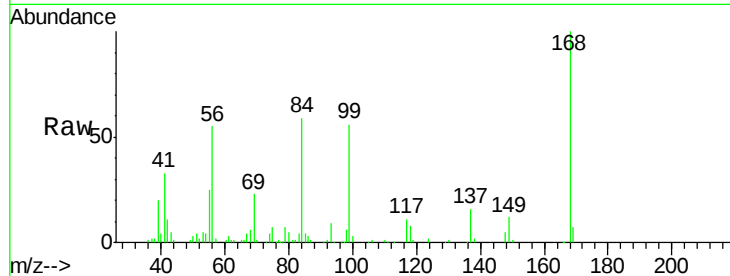
#31
Cyclohexane
Concen: 41.966 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.1	29.6	44.4
84	104.5	76.6	115.0

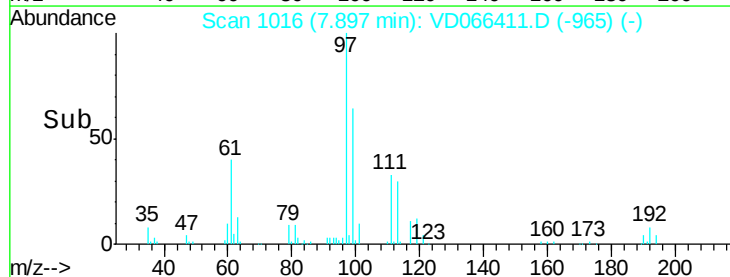
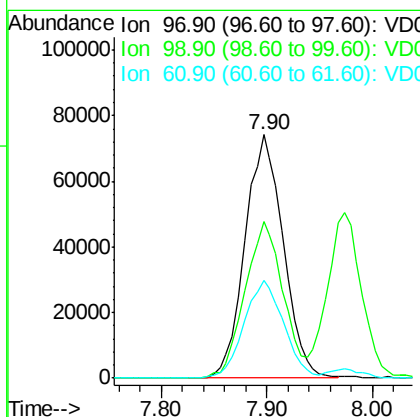
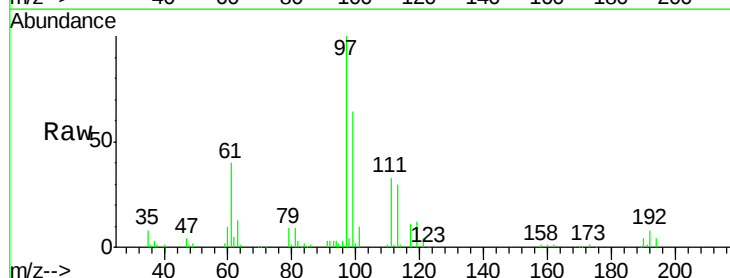
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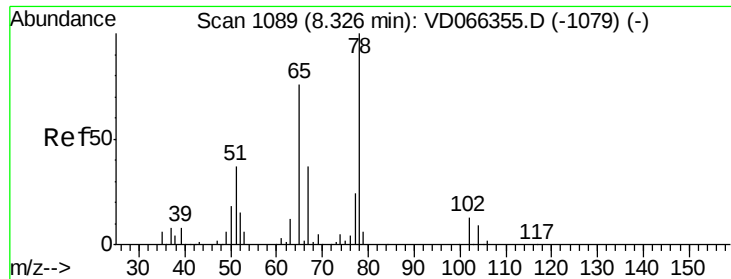
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#32
1,1,1-Trichloroethane
Concen: 52.559 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	41.4	33.3	49.9





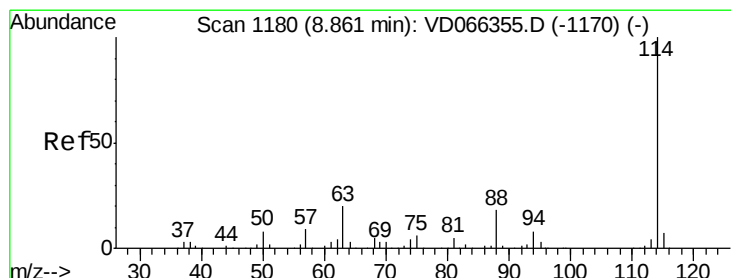
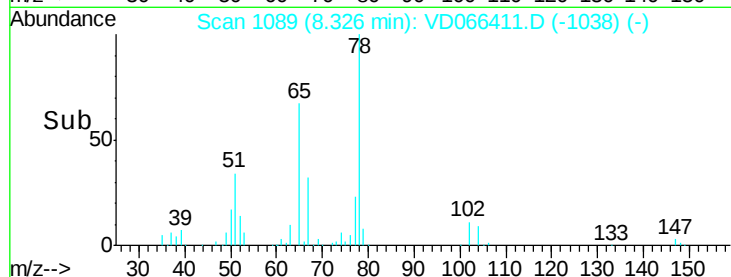
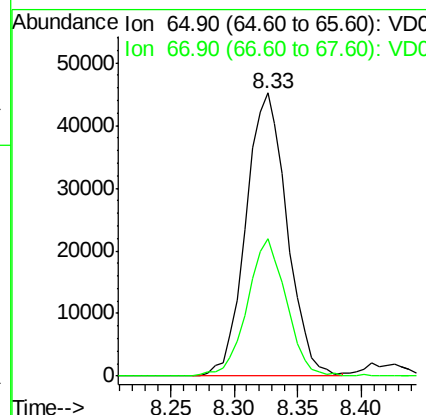
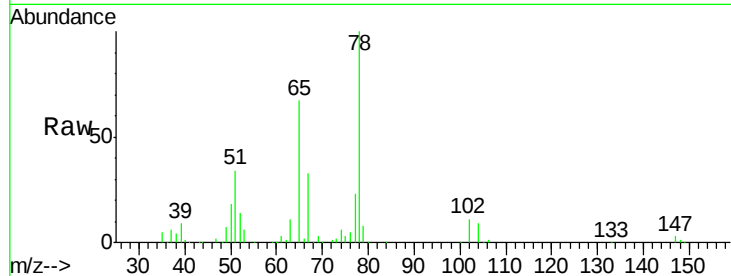
#33
 1,2-Dichloroethane-d4
 Concen: 51.510 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 101676
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 101.6

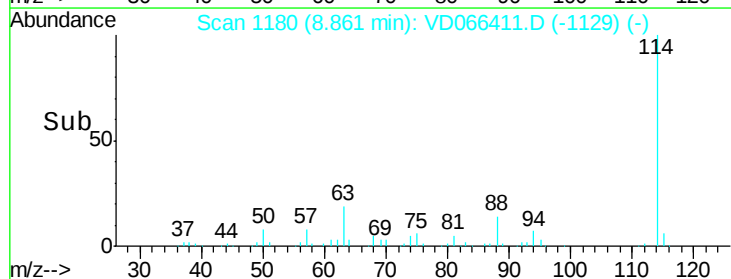
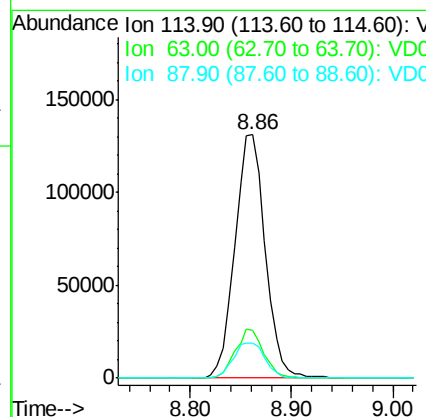
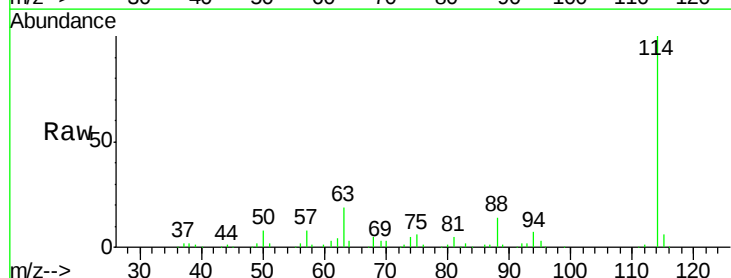
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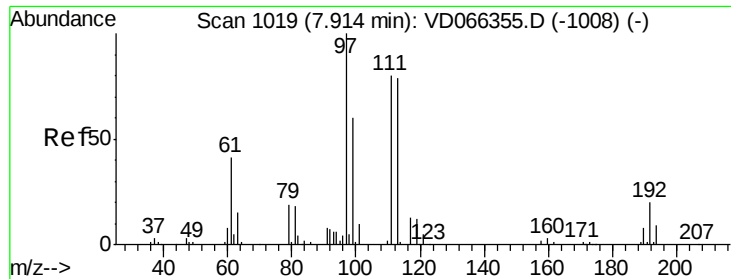
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 114 Resp: 272317
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 14.3 0.0 35.4





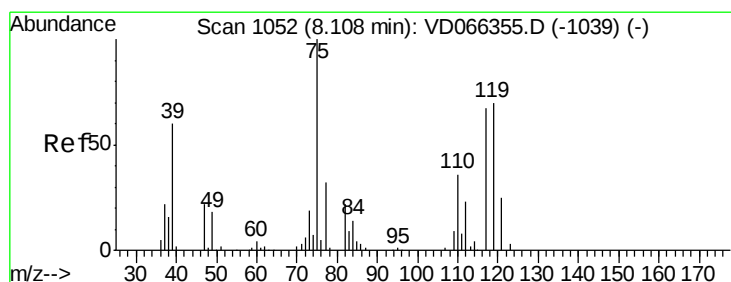
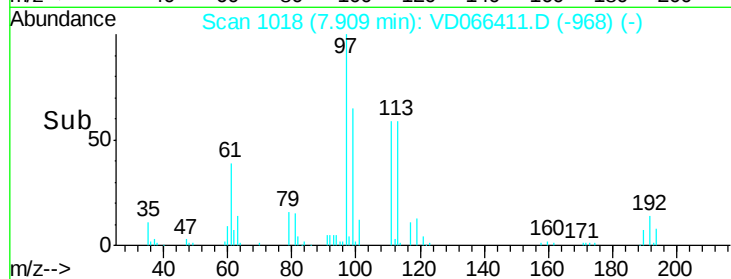
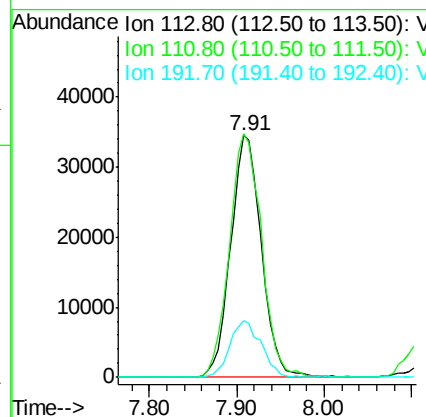
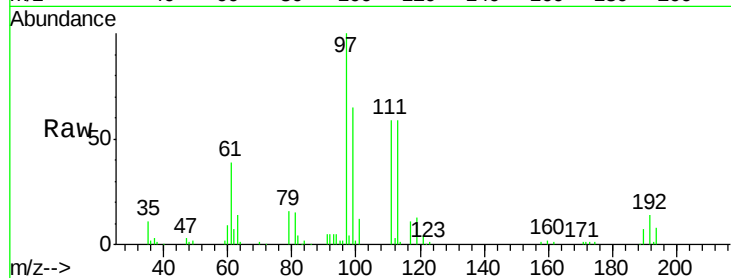
#35
 Dibromofluoromethane
 Concen: 48.399 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.3	120.5
192	23.9	19.0	28.6

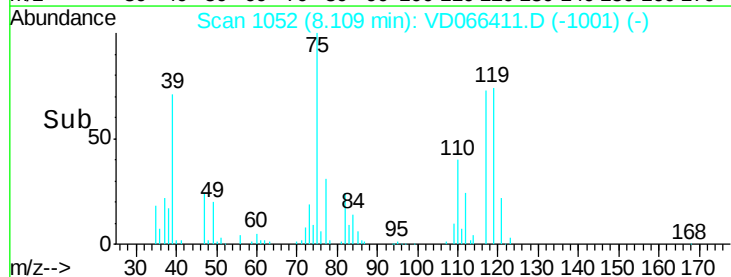
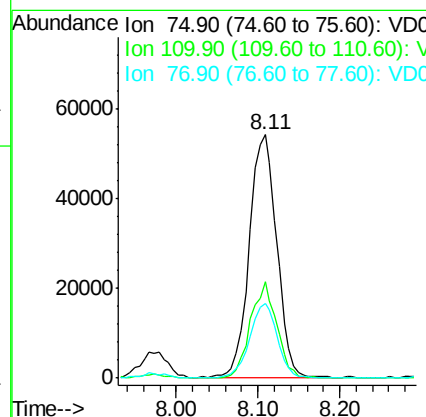
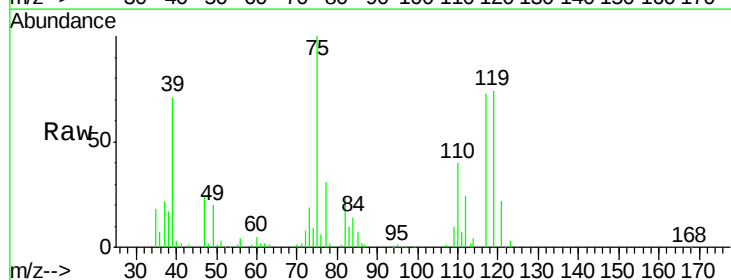
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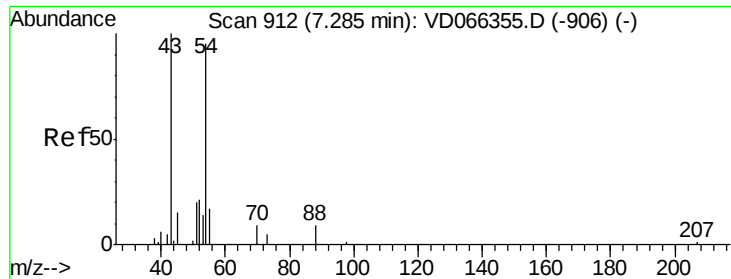
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#36
 1,1-Dichloropropene
 Concen: 51.215 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.7	56.1
77	30.7	25.2	37.8





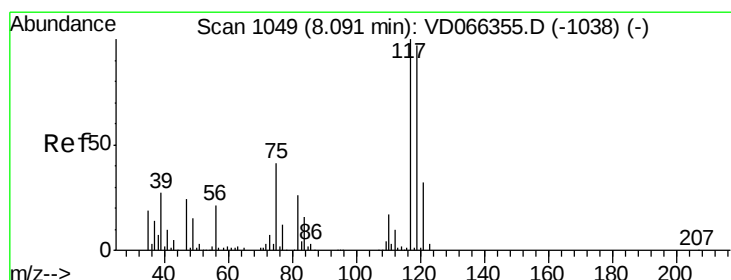
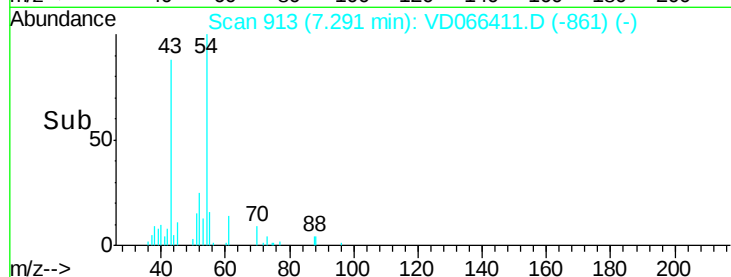
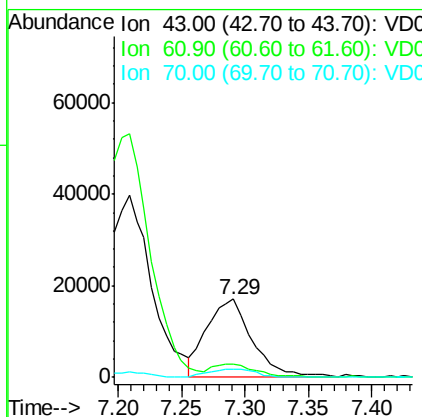
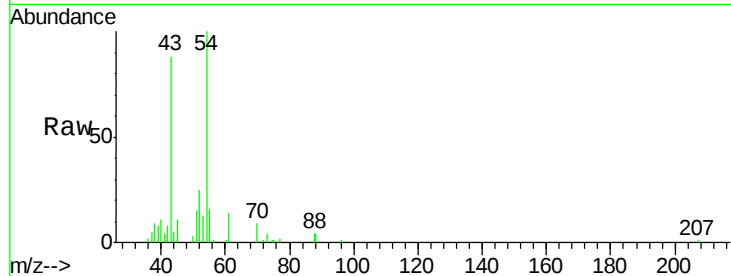
#37
Ethyl Acetate
Concen: 50.606 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.3	19.9
70	10.8	3.5	5.3

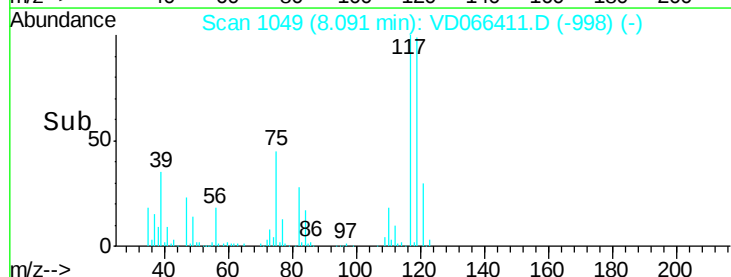
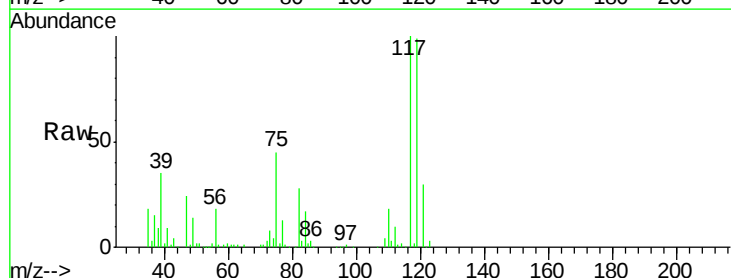
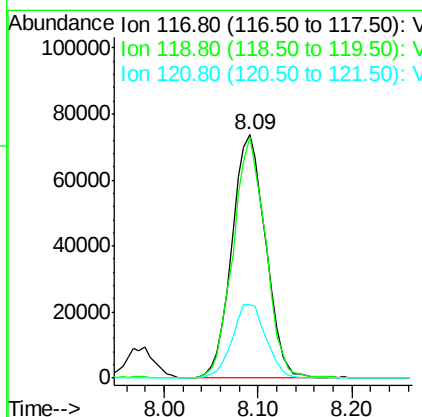
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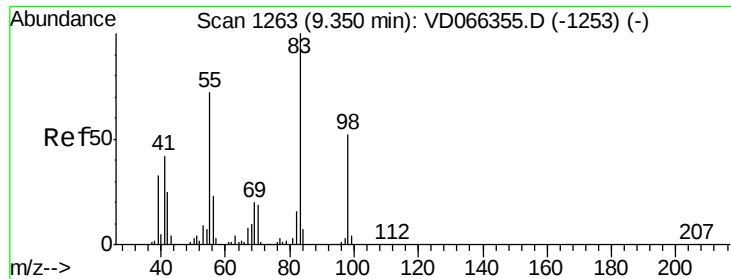
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#38
Carbon Tetrachloride
Concen: 56.870 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.2	115.8
121	30.2	25.8	38.8





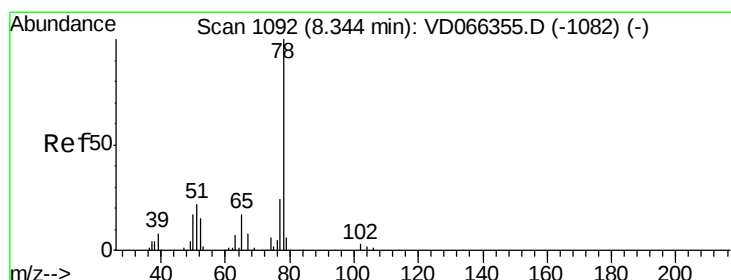
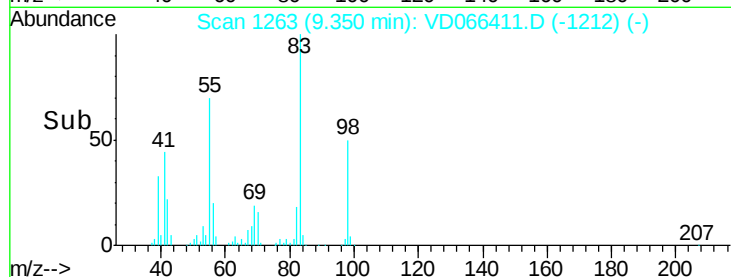
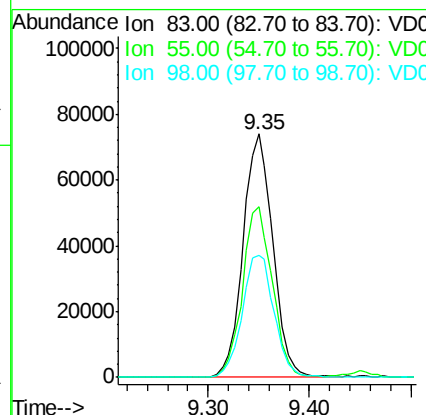
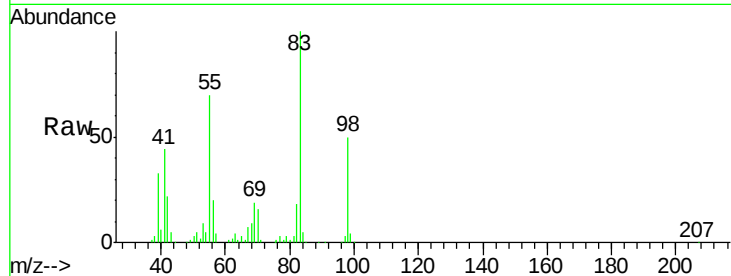
#39
Methvlcvclohexane
Concen: 51.500 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	58.0	87.0
98	49.9	41.9	62.9

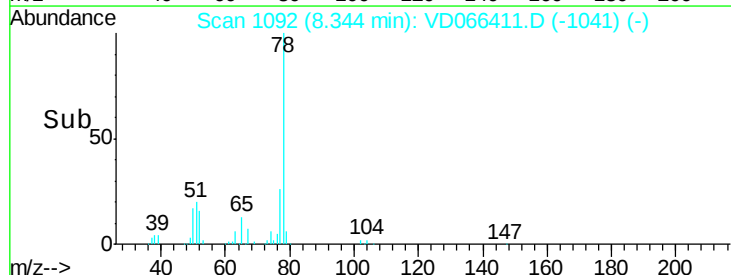
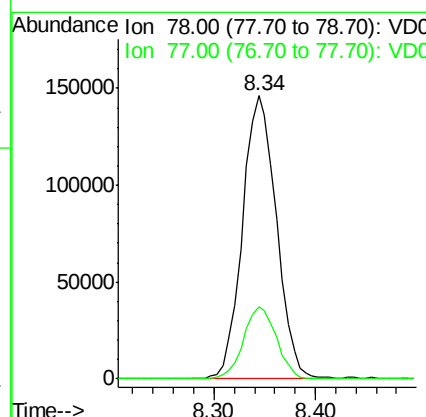
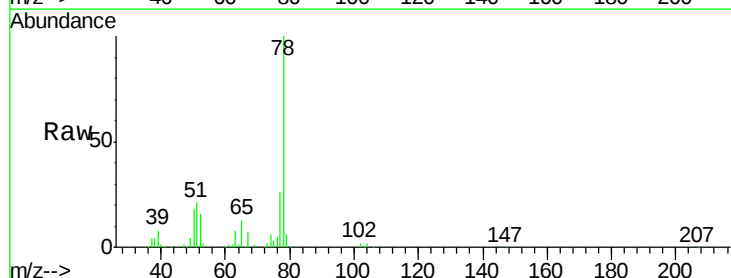
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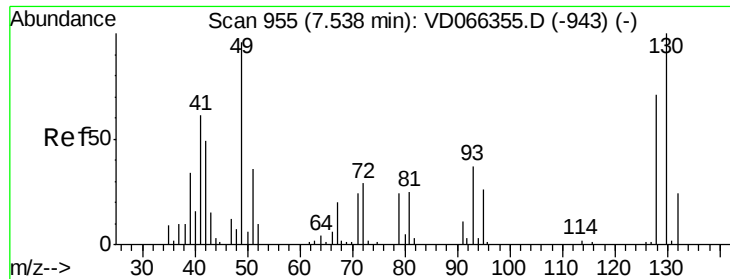
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#40
Benzene
Concen: 51.805 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.8	28.2





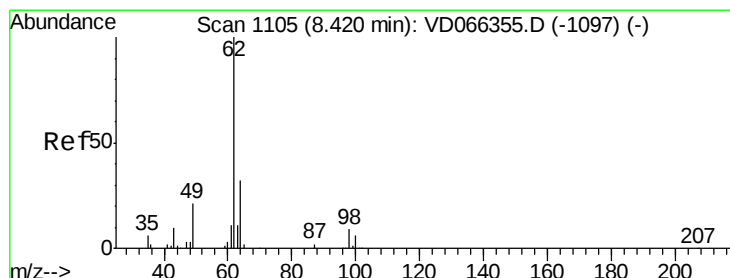
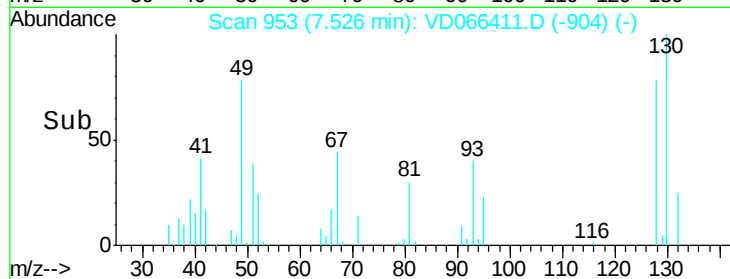
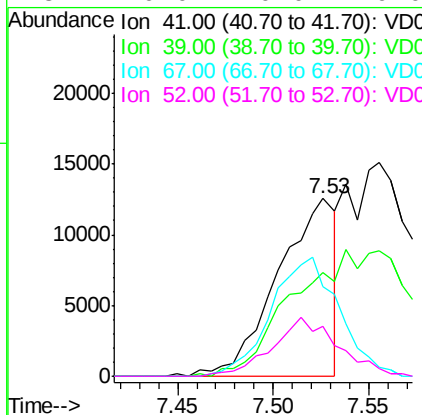
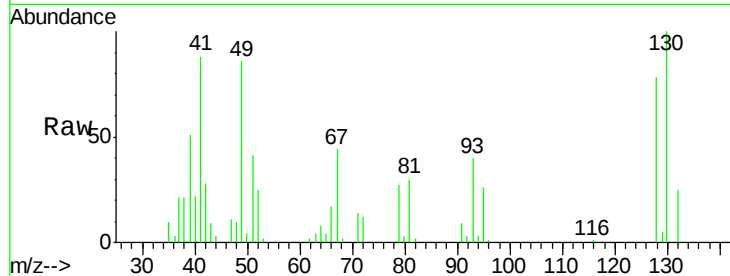
#41
Methacrylonitrile
Concen: 51.373 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	143.6	51.8	77.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

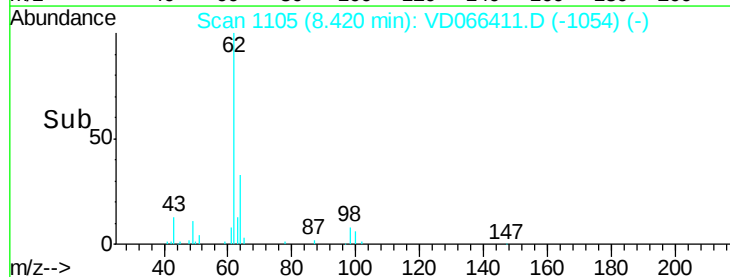
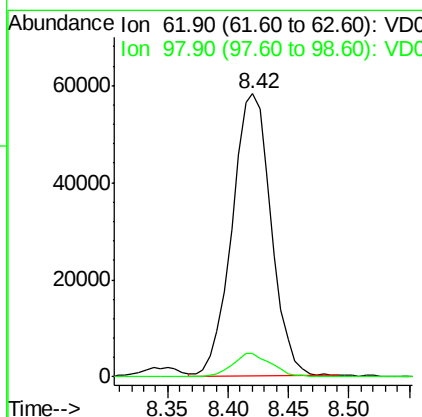
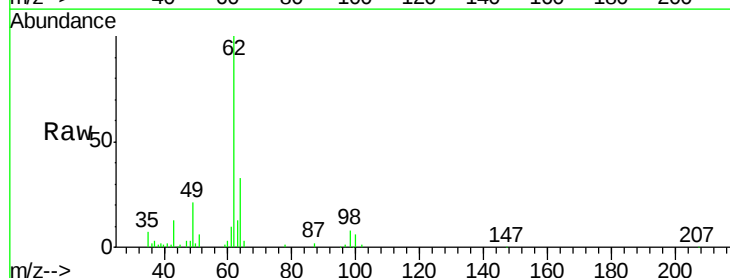
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#42
1,2-Dichloroethane
Concen: 56.884 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 50.765 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

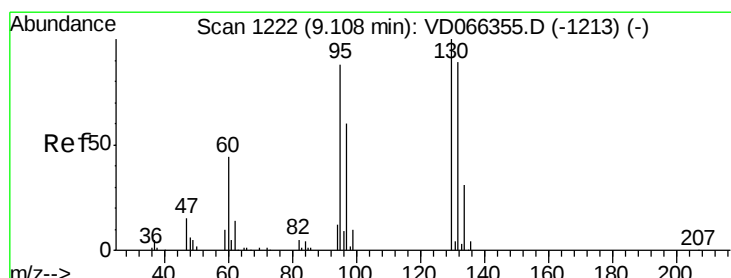
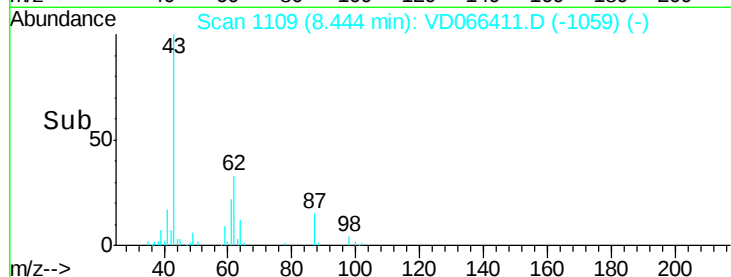
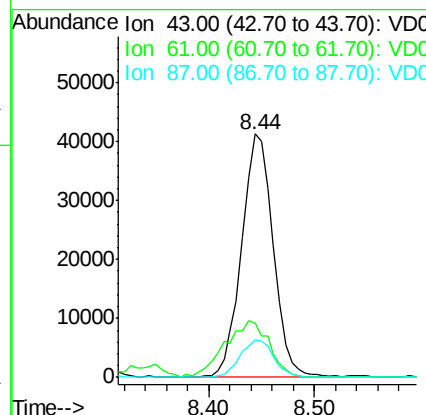
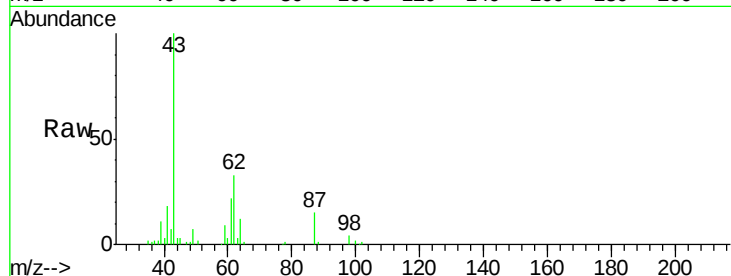
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	86109
Ion	Ratio	Lower	Upper
43	100		
61	32.6	26.5	39.7
87	16.0	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 52.723 ug/l

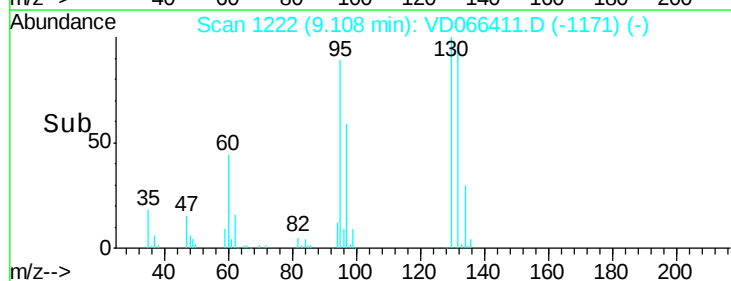
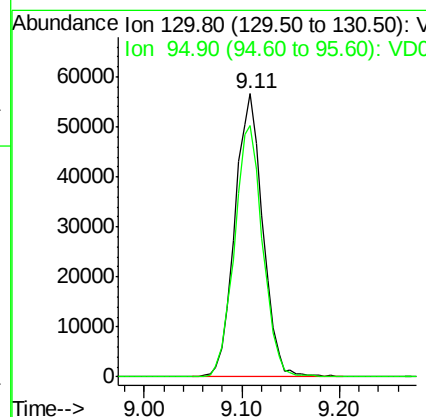
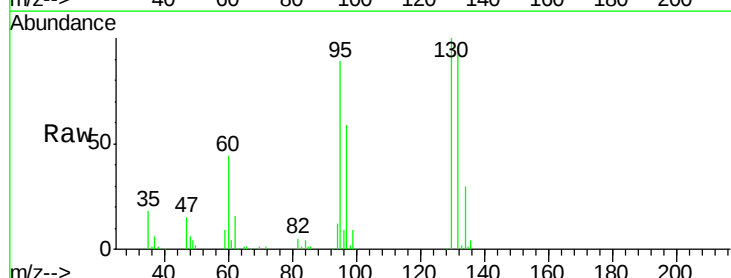
RT: 9.11 min Scan# 1222

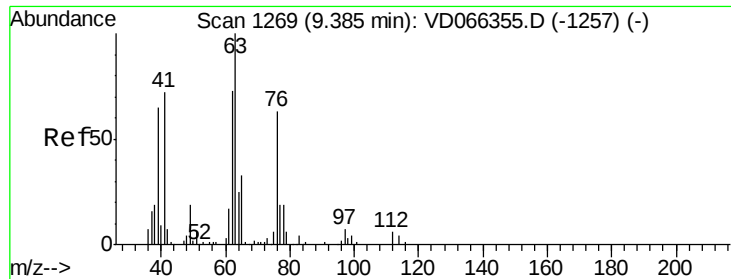
Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion:	130	Resp:	111982
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	175.6





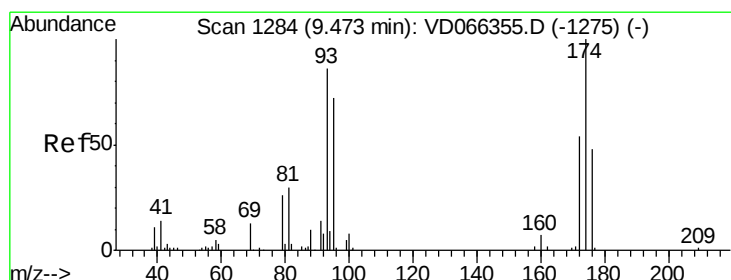
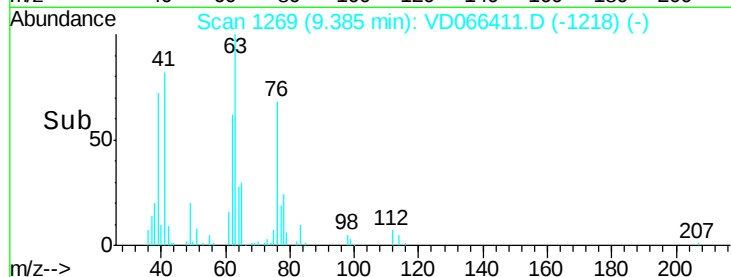
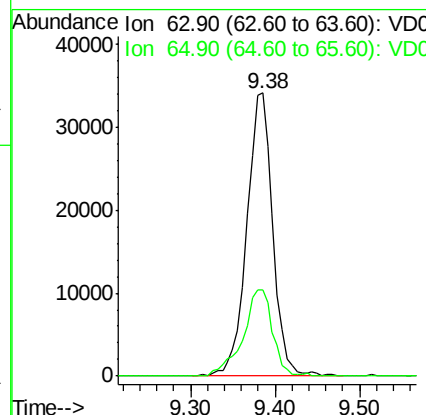
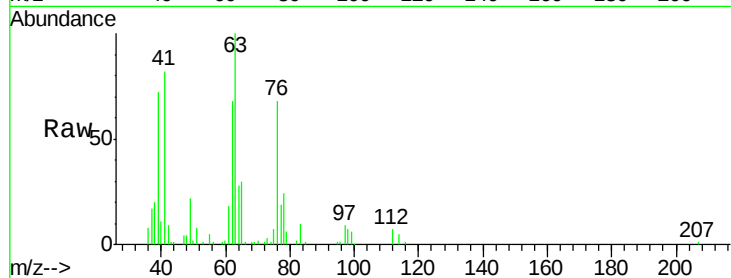
#45
 1,2-Dichloropropane
 Concen: 48.960 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	26.4	39.6

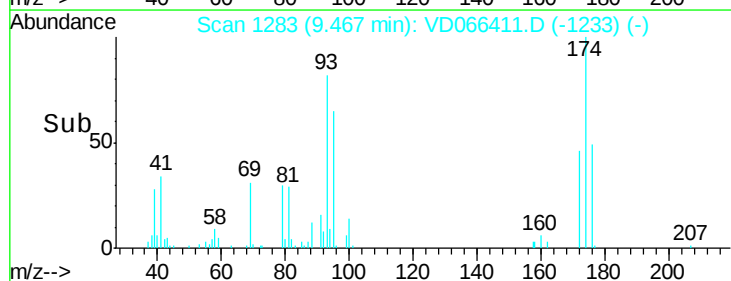
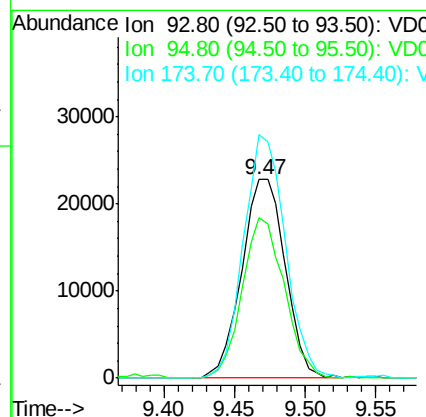
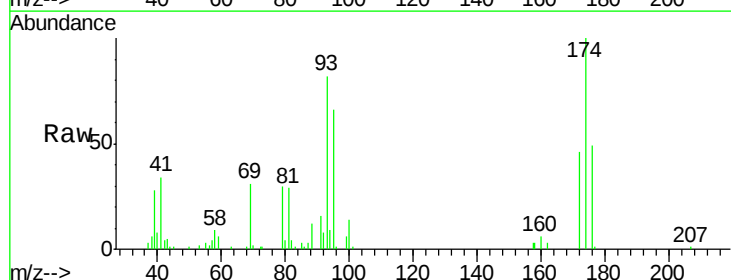
Manual Integrations
 APPROVED

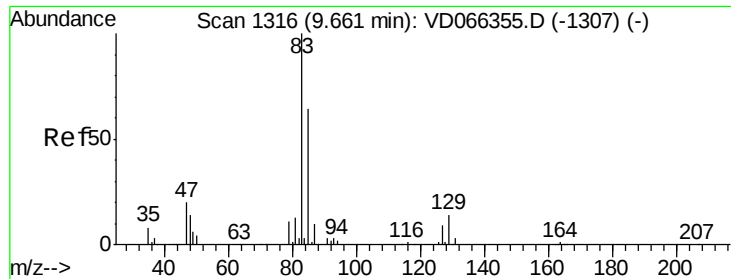
MMDadoda
 8/27/2020 3:08:29 PM



#46
 Dibromomethane
 Concen: 53.306 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	78.2	66.0	99.0
174	118.1	94.6	141.8





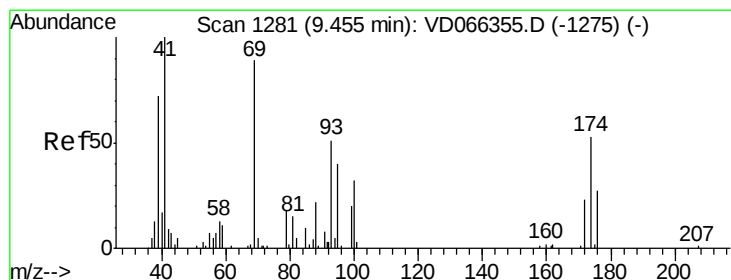
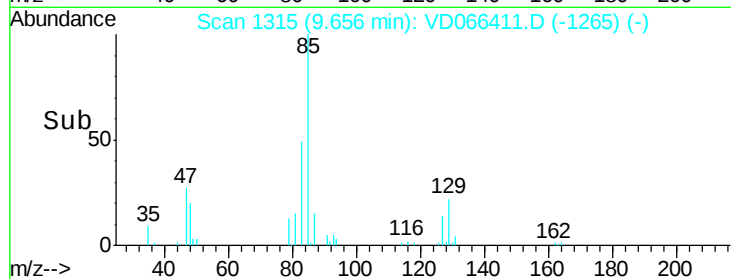
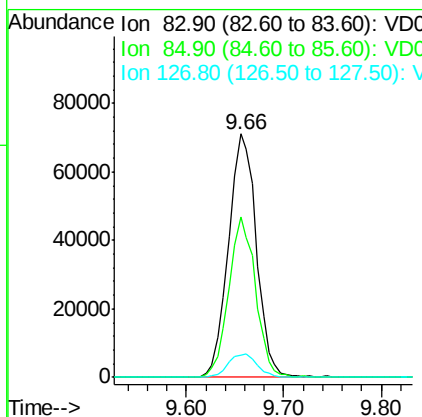
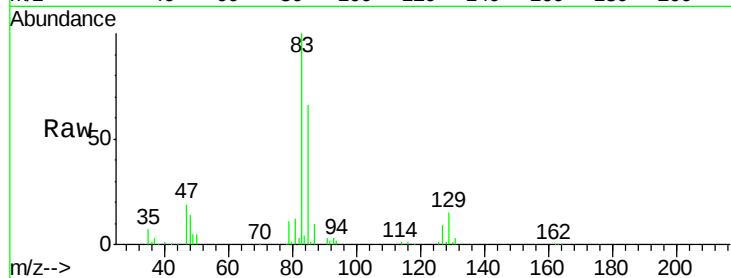
#47
Bromodichloromethane
Concen: 55.573 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.8	51.4	77.0	
127	9.2	7.4	11.0	

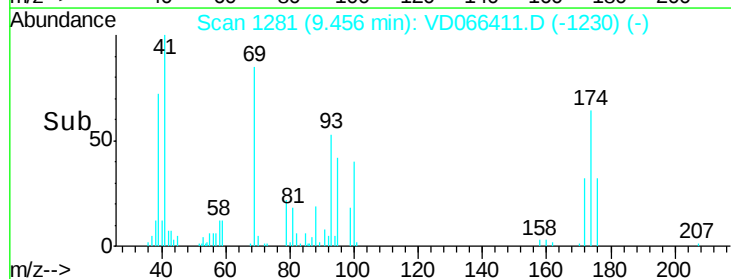
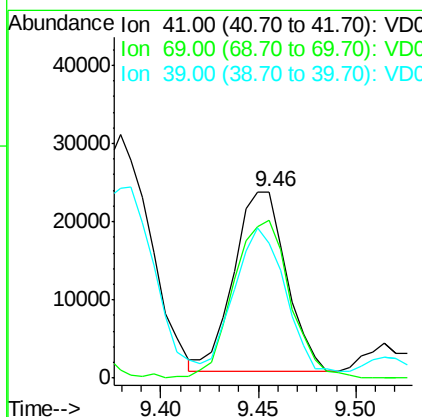
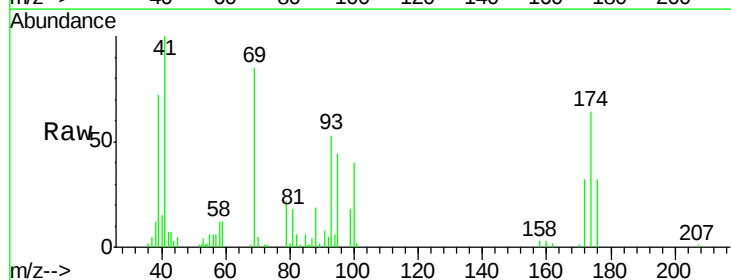
Manual Integrations
APPROVED

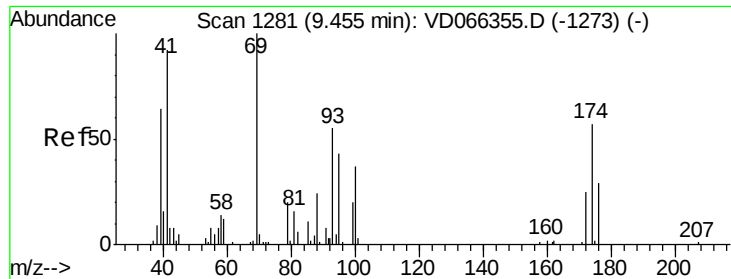
MMDadoda
8/27/2020 3:08:29 PM



#48
Methyl methacrylate
Concen: 49.279 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	94.2	75.5	113.3	
39	75.4	57.0	85.4	





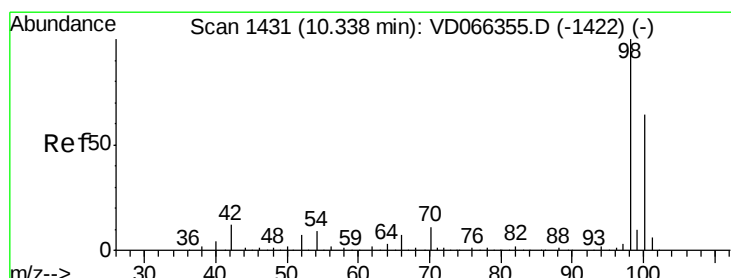
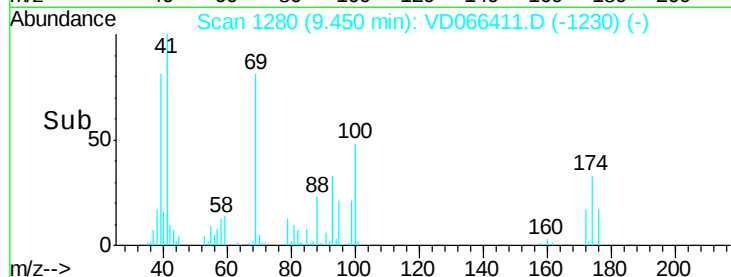
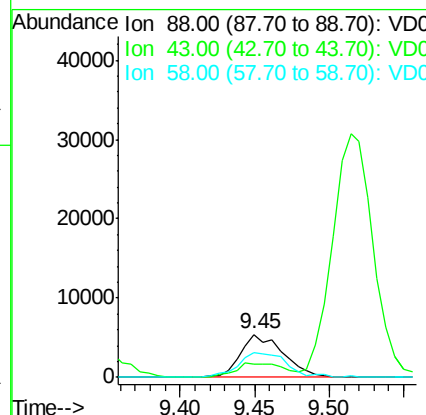
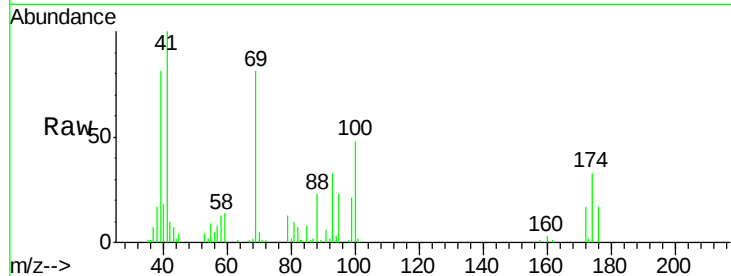
#49
1,4-Dioxane
Concen: 1002.399 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	37.8	29.4	44.0	
58	64.7	45.4	68.2	

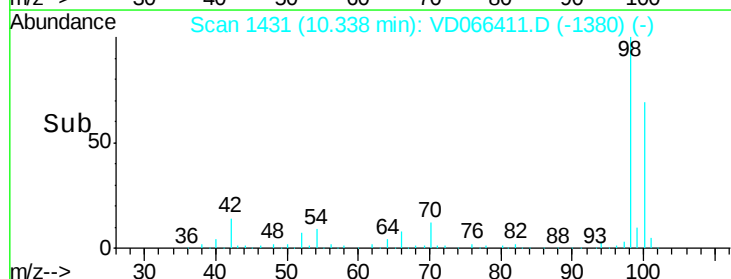
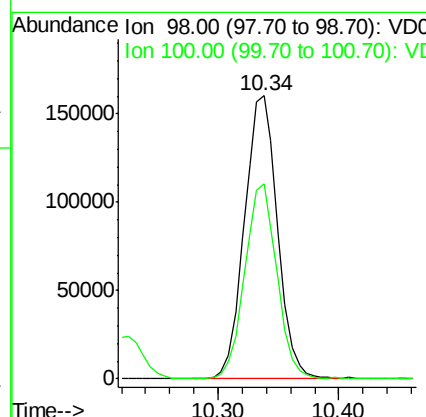
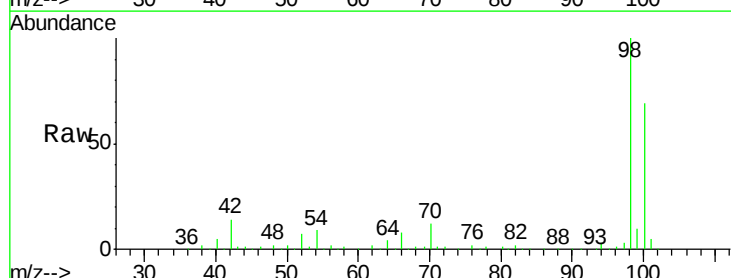
Manual Integrations
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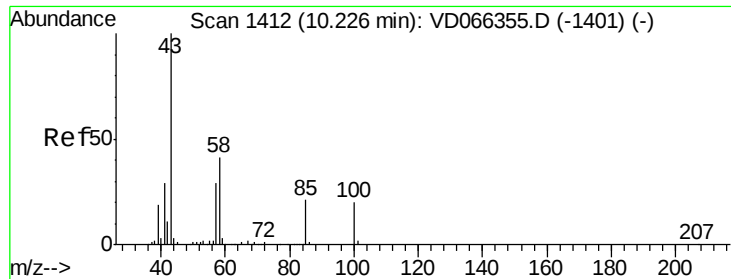
MMDadoda
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#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	67.4	53.0	79.4	





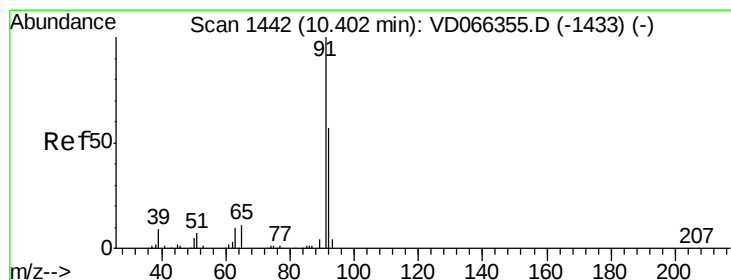
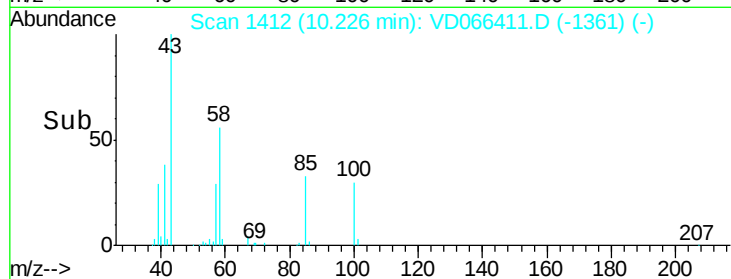
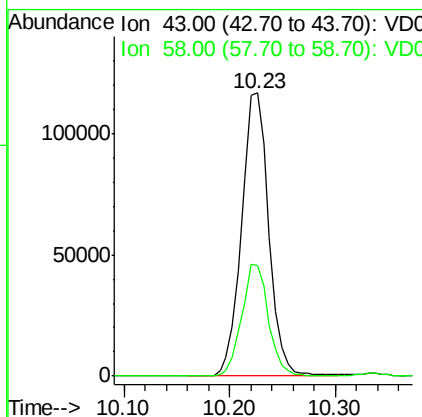
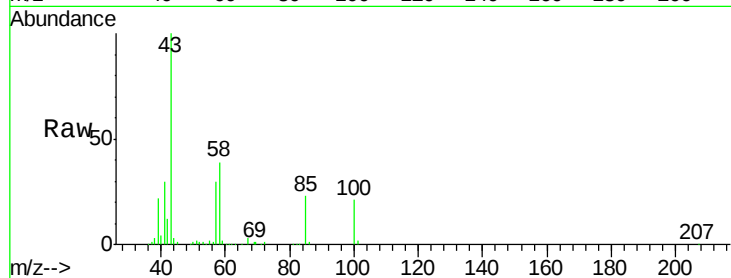
#51
 4-Methyl-2-Pentanone
 Concen: 254.450 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Tot Ion	43	Resp	208792
Ion Ratio	43	100	
Lower	58	38.7	31.4
Upper			47.2

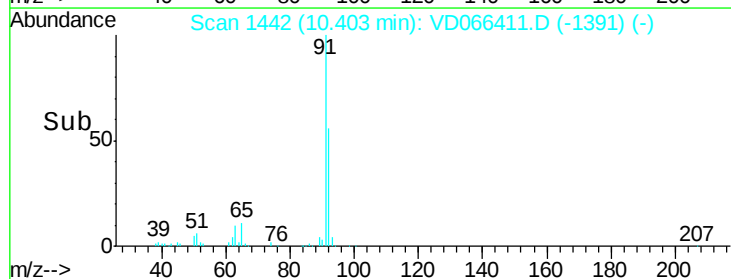
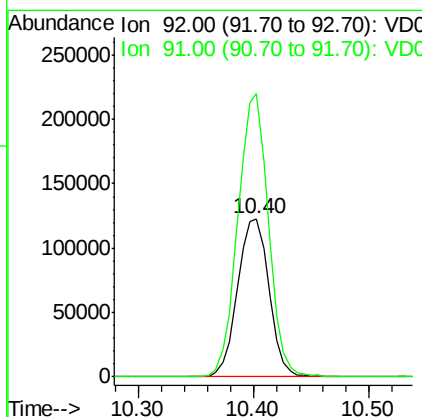
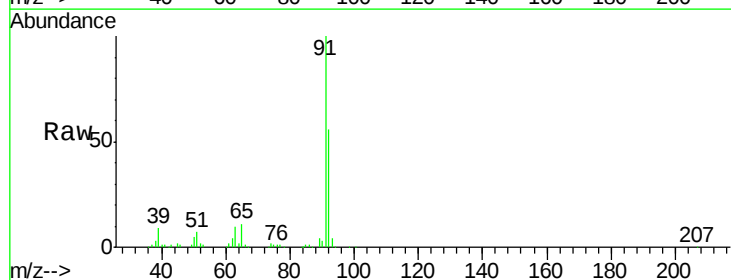
Manual Integrations
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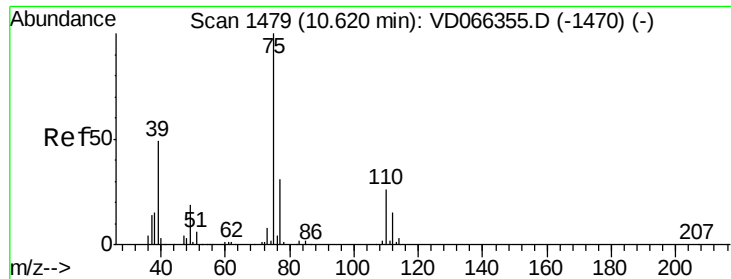
MMDadoda
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#52
 Toluene
 Concen: 52.365 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	92	Resp	231899
Ion Ratio	92	100	
Lower	91	173.9	135.8
Upper			203.6





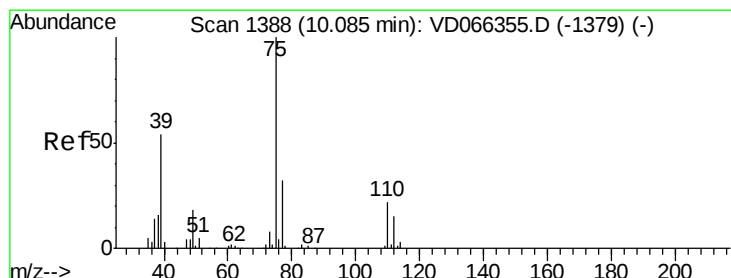
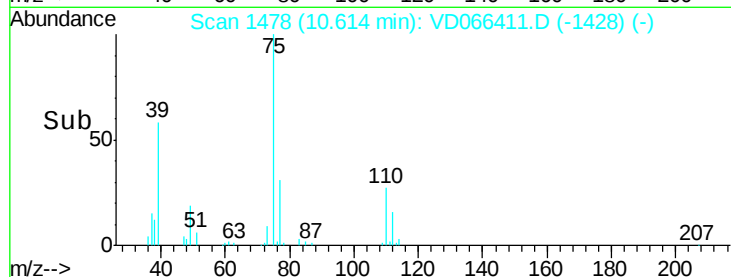
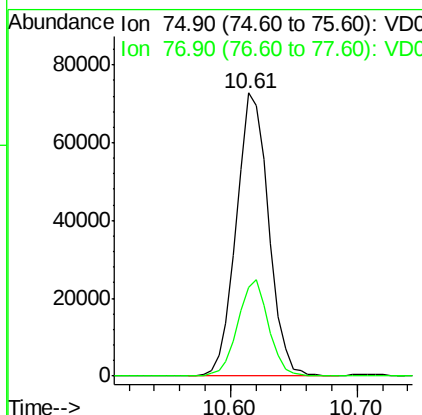
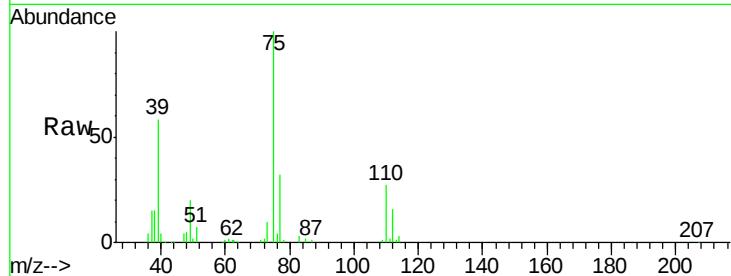
#53
 t-1,3-Dichloropropene
 Concen: 53.344 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 128430
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7

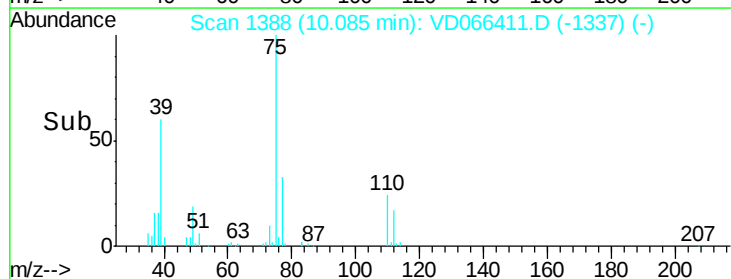
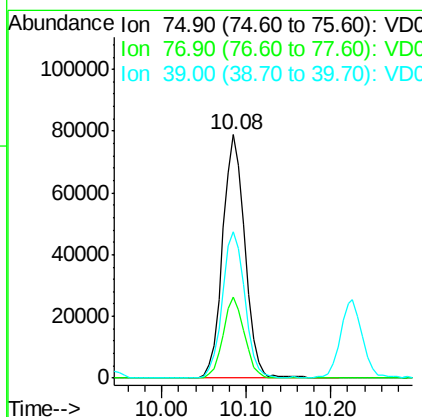
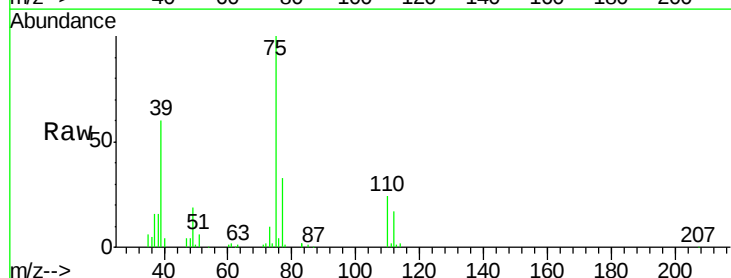
Manual Integrations
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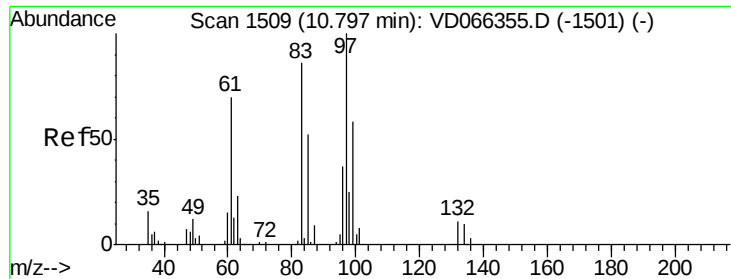
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#54
 cis-1,3-Dichloropropene
 Concen: 53.096 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion: 75 Resp: 143488
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.6 38.4
 39 60.0 43.4 65.0





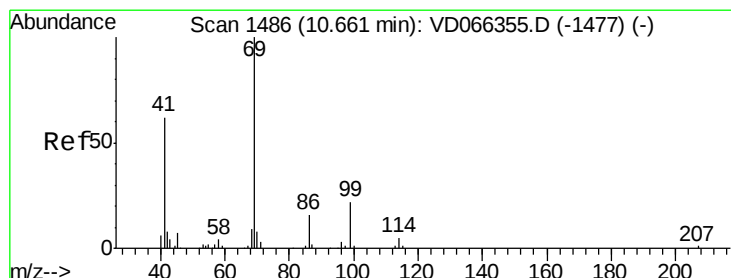
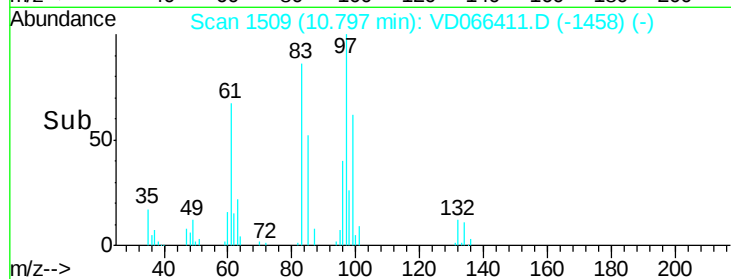
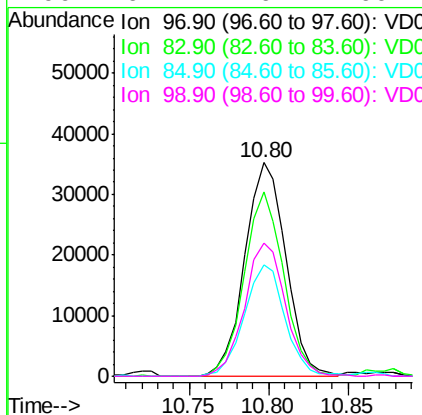
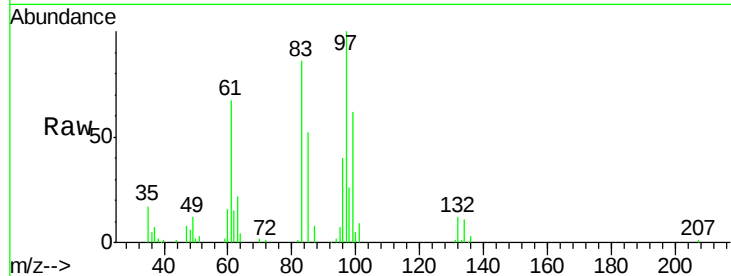
#55
 1,1,2-Trichloroethane
 Concen: 50.763 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	63405
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	52.4	41.3	61.9
99	62.4	46.1	69.1

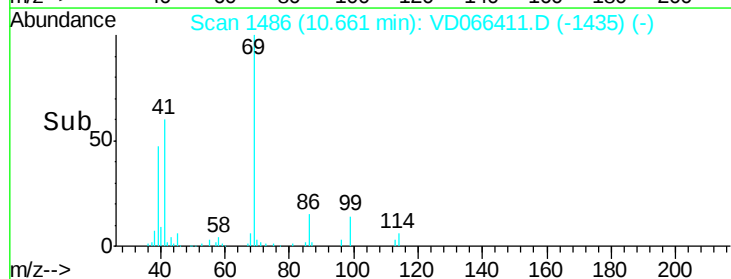
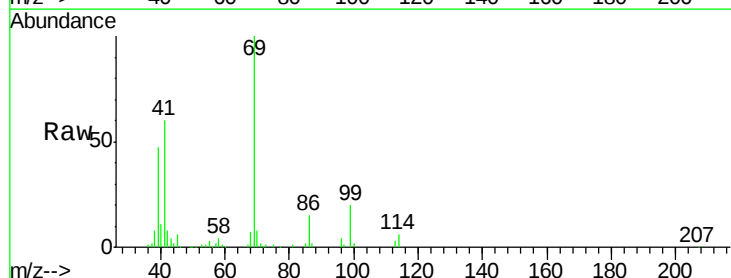
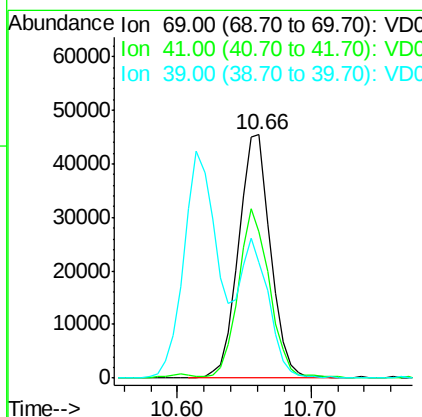
Manual Integrations
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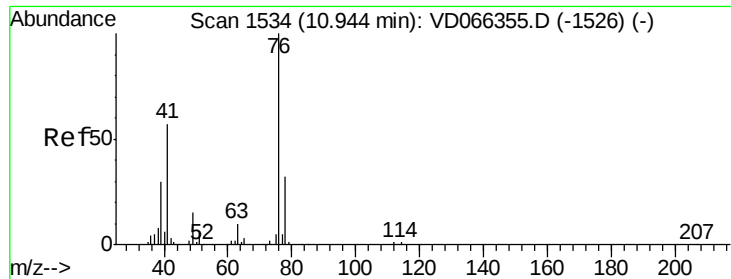
MMDadoda
 8/27/2020 3:08:29 PM



#56
 Ethyl methacrylate
 Concen: 51.959 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion:	69	Resp:	75129
Ion	Ratio	Lower	Upper
69	100		
41	68.3	50.8	76.2
39	53.7	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 51.912 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 107253

Ion Ratio Lower Upper

76 100

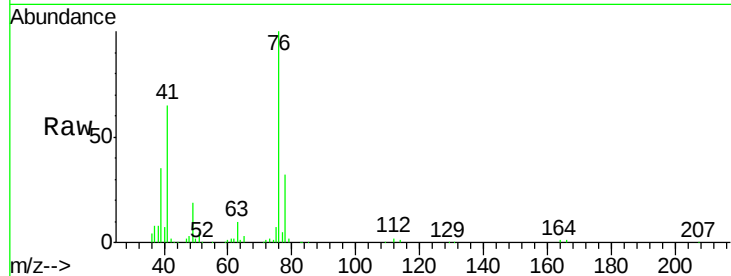
78 32.2 25.6 38.4

Manual Integrations

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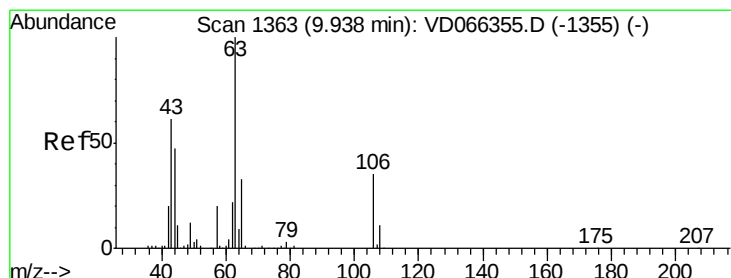
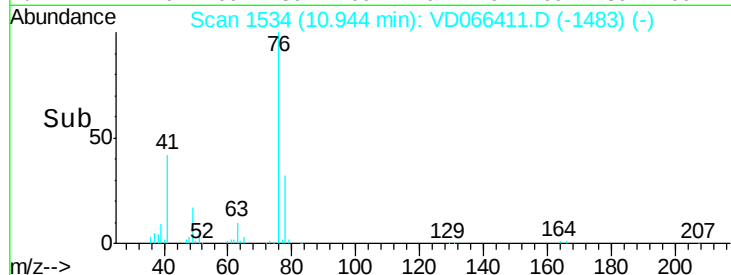
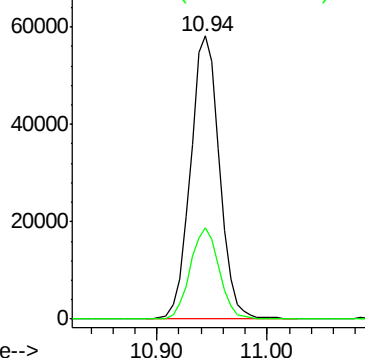
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 257.063 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066411.D

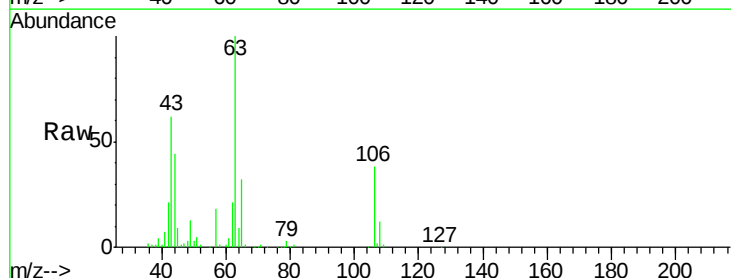
Acq: 26 Aug 2020 10:41

Tgt Ion: 63 Resp: 154374

Ion Ratio Lower Upper

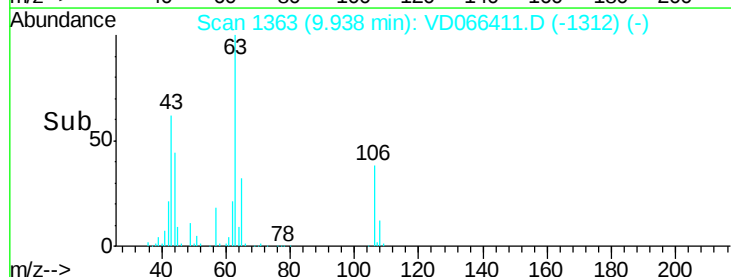
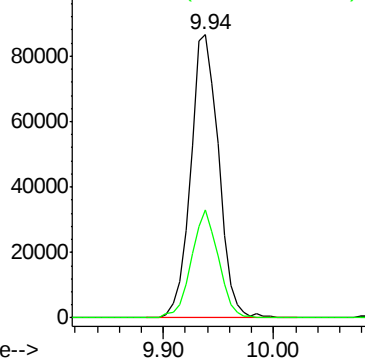
63 100

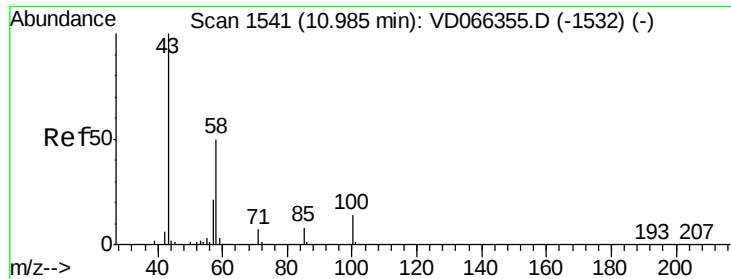
106 36.8 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





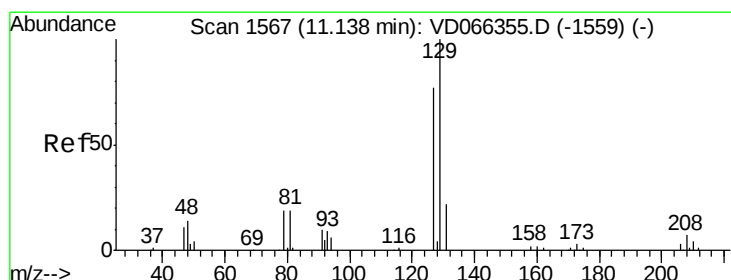
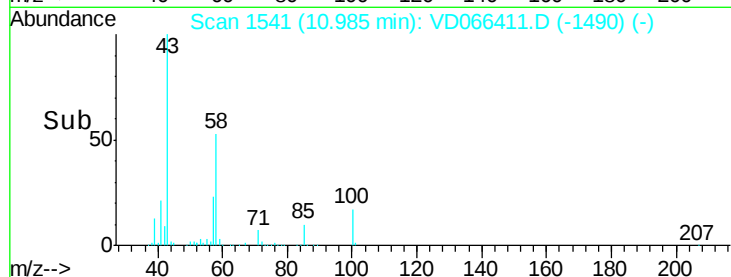
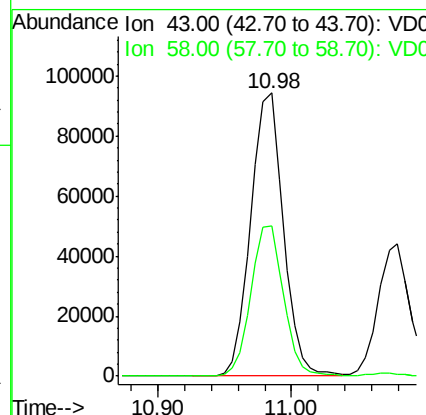
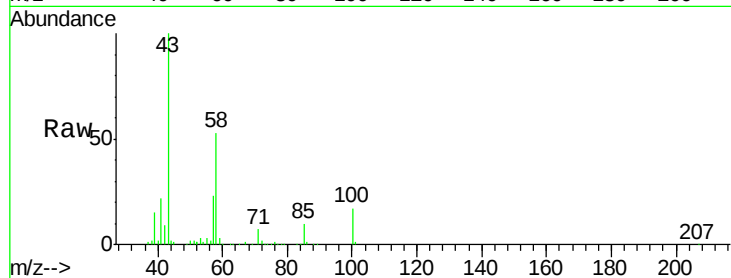
#59
2-Hexanone
Concen: 275.864 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 159669
Ion Ratio Lower Upper
43 100
58 52.7 26.3 78.8

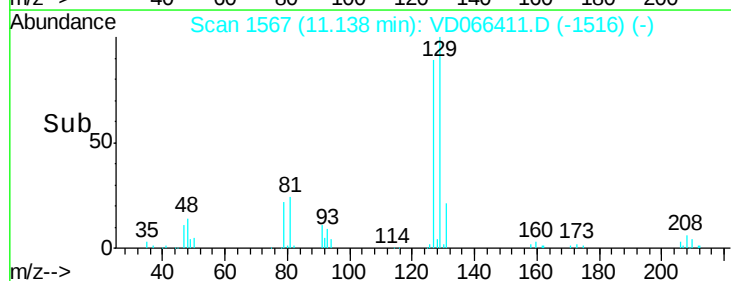
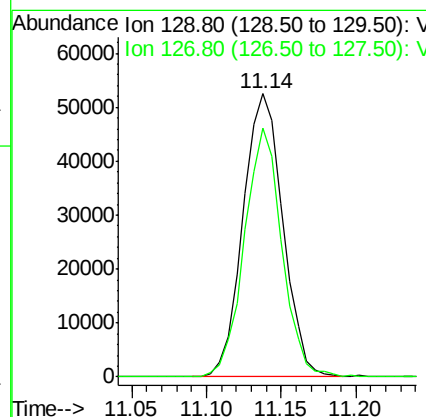
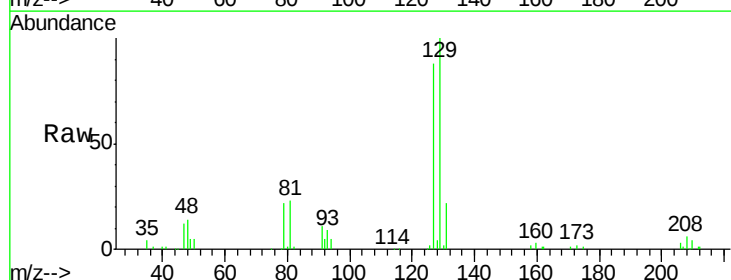
Manual Integrations
APPROVED

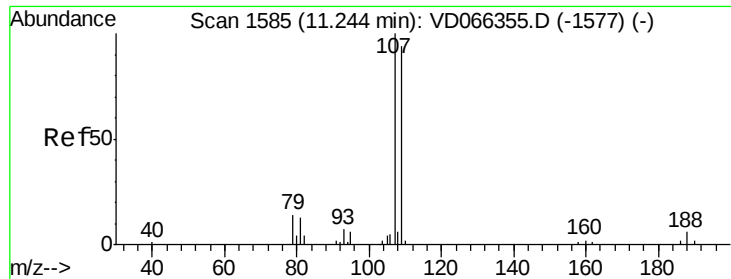
MMDadoda
8/27/2020 3:08:29 PM



#60
Dibromochloromethane
Concen: 51.601 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 129 Resp: 97152
Ion Ratio Lower Upper
129 100
127 82.6 39.0 117.0





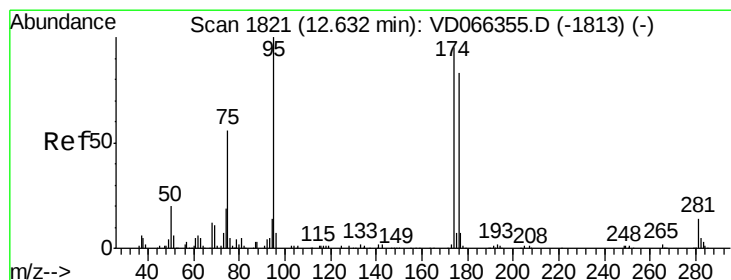
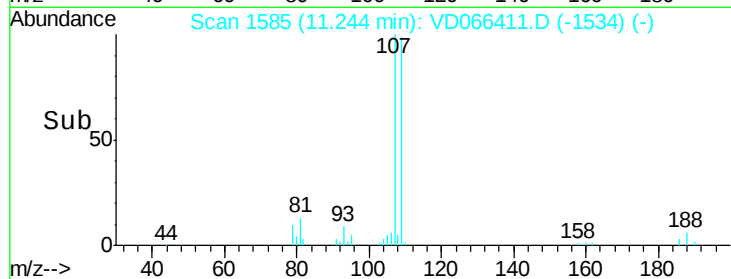
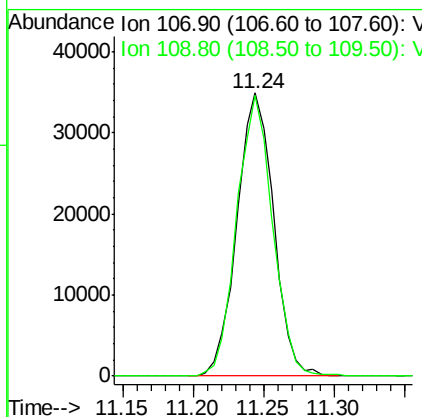
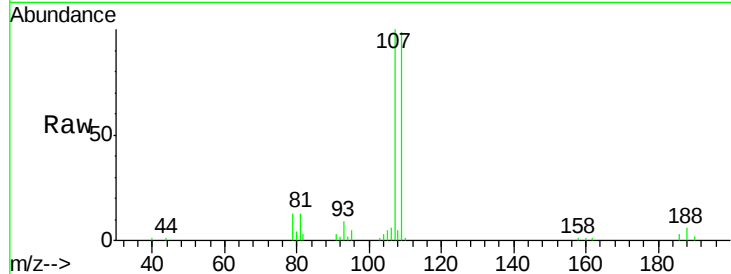
#61
1,2-Dibromoethane
Concen: 51.575 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	77.8	116.8

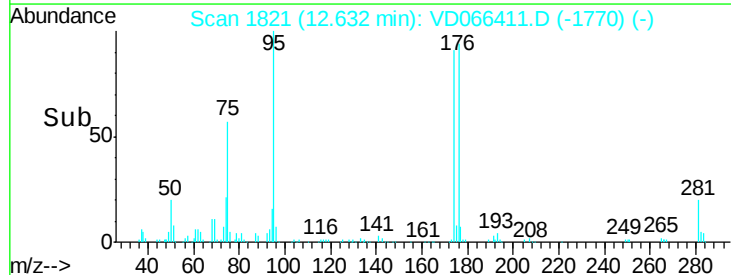
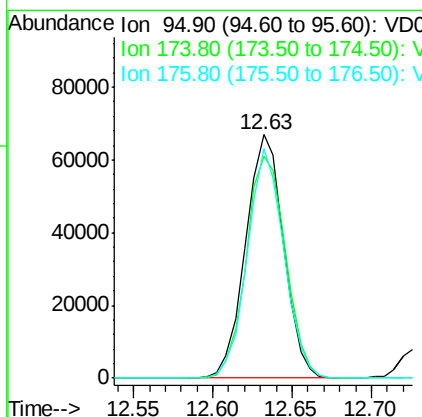
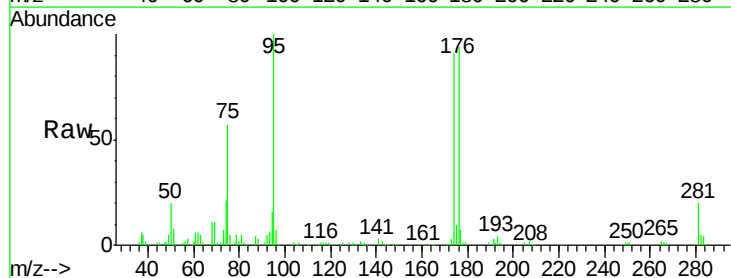
Manual Integrations
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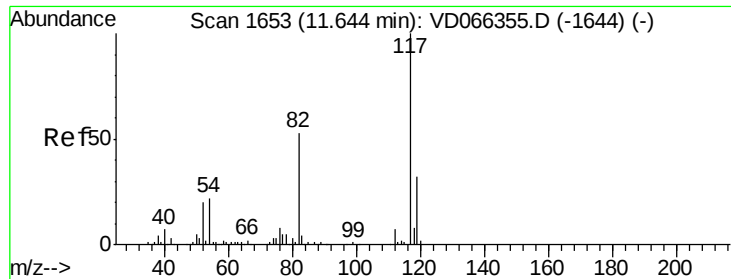
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8/27/2020 3:08:29 PM



#62
4-Bromofluorobenzene
Concen: 50.409 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	183.4
176	90.8	0.0	173.8





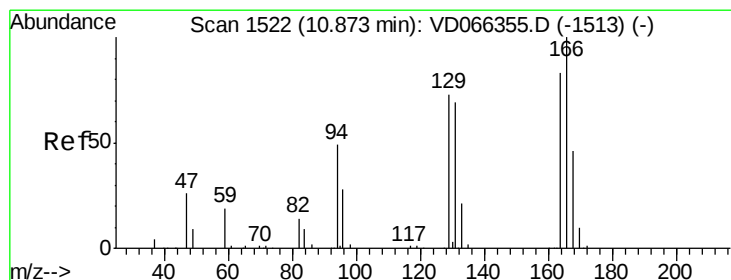
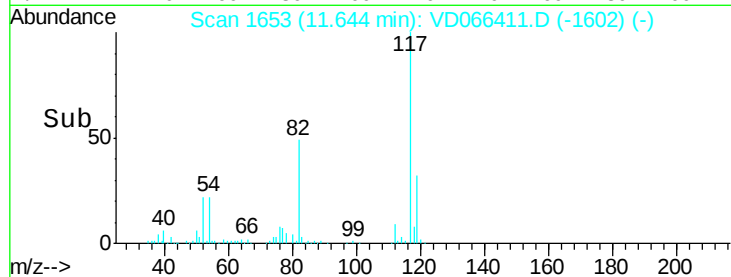
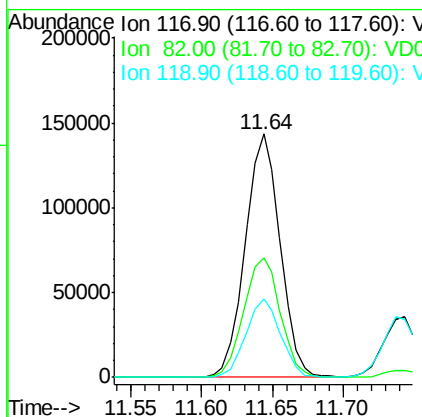
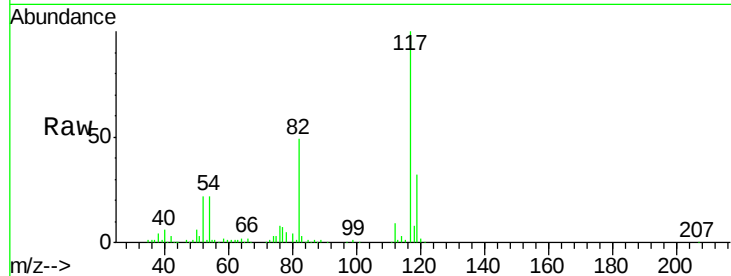
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248740		
82	49.2		42.8	64.2
119	32.2		25.8	38.8

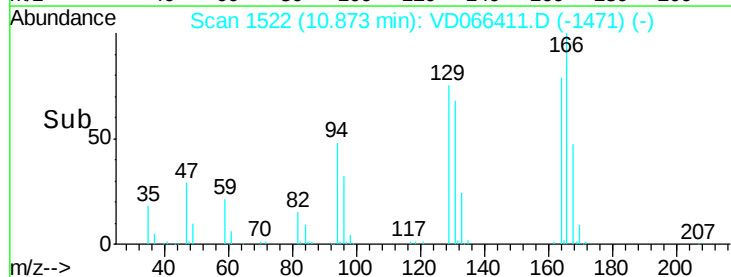
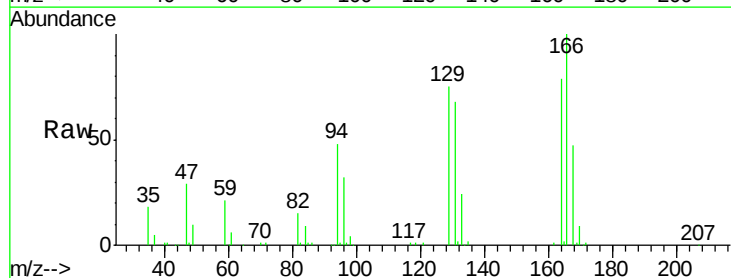
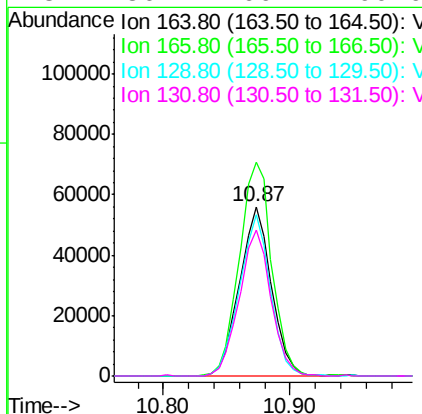
Manual Integrations
APPROVED

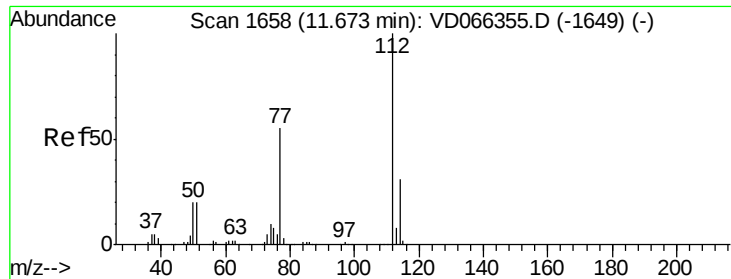
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#64
Tetrachloroethene
Concen: 51.737 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97623		
166	126.4		96.2	144.4
129	95.1		70.3	105.5
131	86.1		66.4	99.6





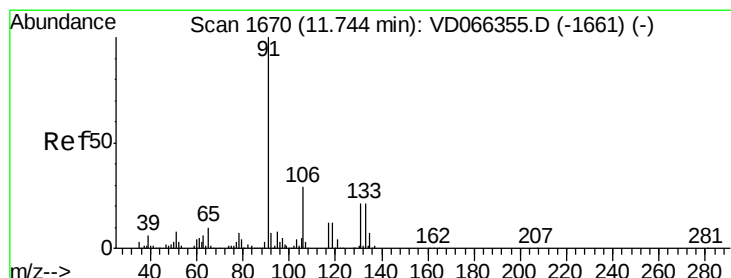
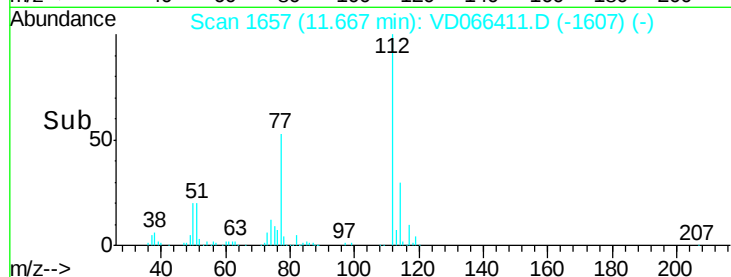
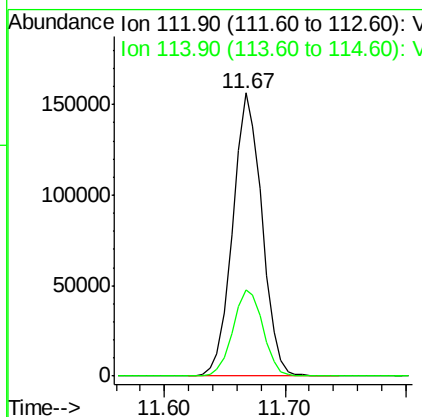
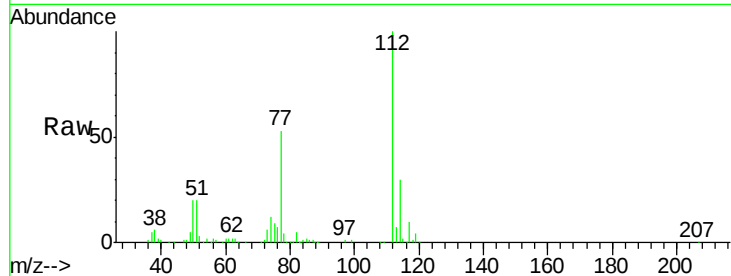
#65
Chlorobenzene
Concen: 53.321 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.1	37.7

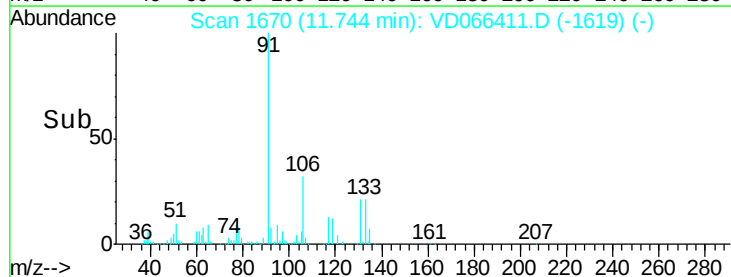
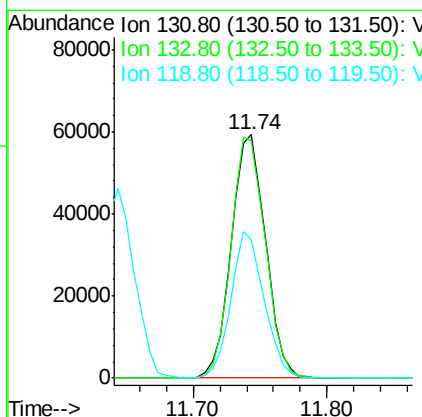
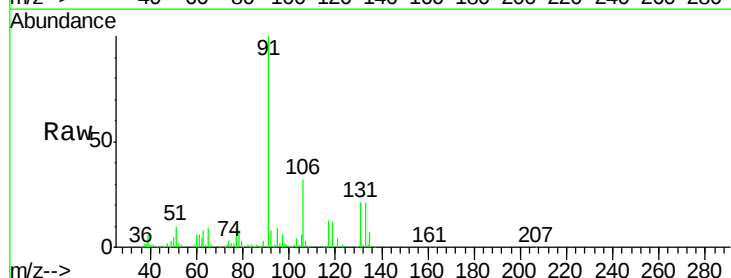
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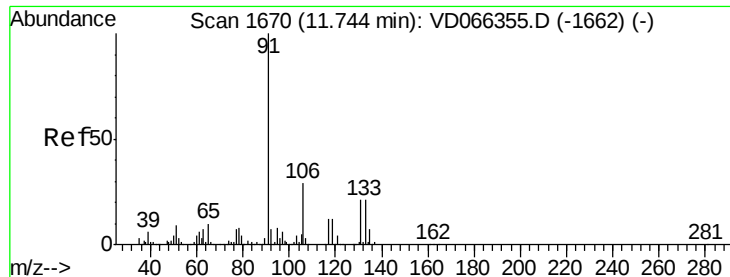
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.447 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.8	48.6	145.9
119	58.2	29.0	87.1





#67

Ethyl Benzene

Concen: 53.343 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 464673

Ion Ratio Lower Upper

91 100

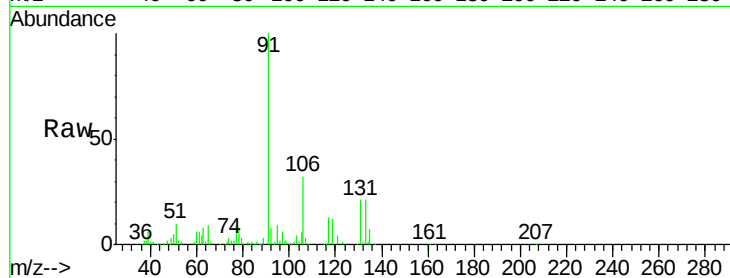
106 31.7 23.4 35.2

Manual Integrations

APPROVED

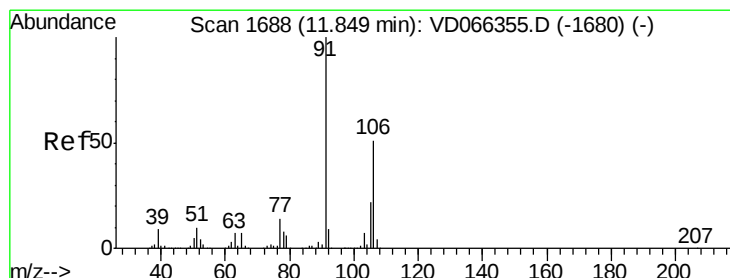
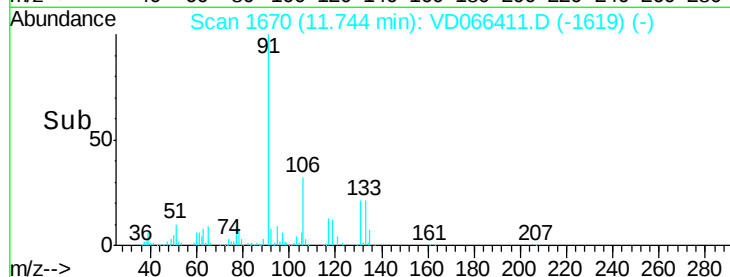
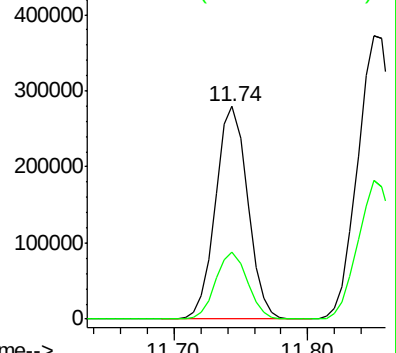
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.089 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066411.D

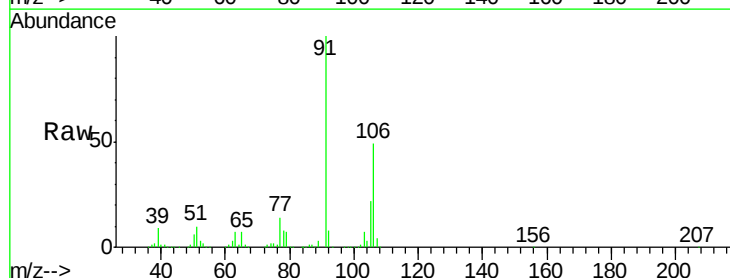
Acq: 26 Aug 2020 10:41

Tgt Ion: 106 Resp: 355559

Ion Ratio Lower Upper

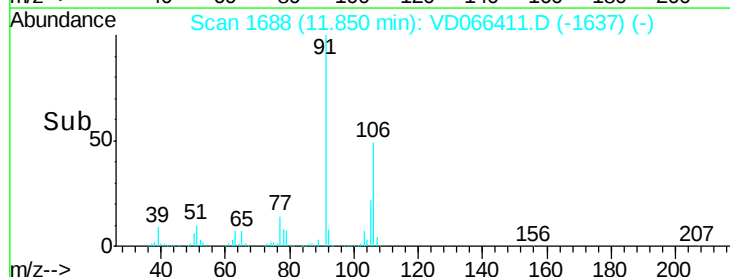
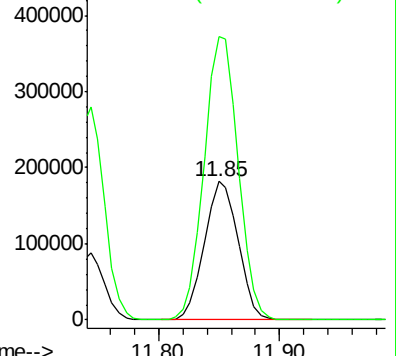
106 100

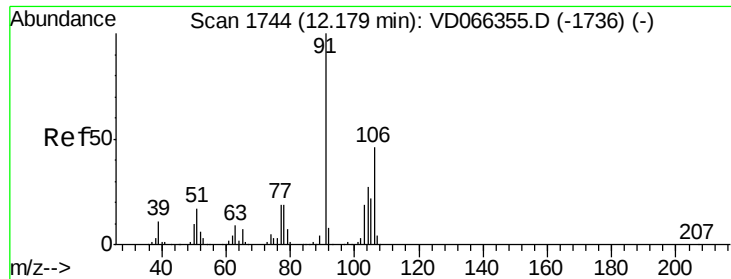
91 205.6 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





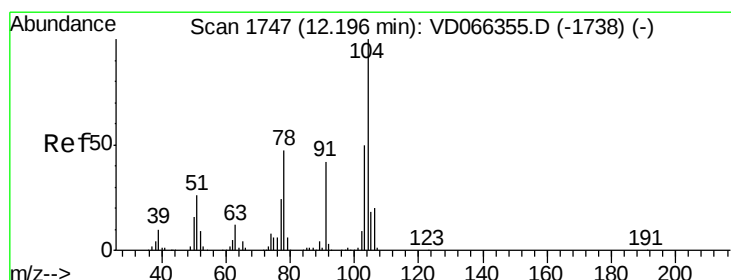
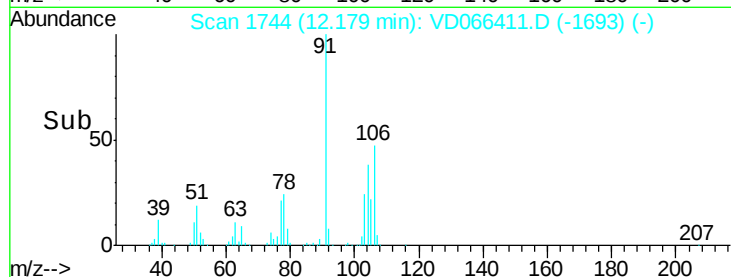
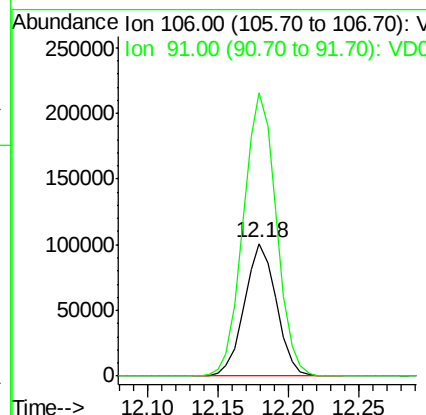
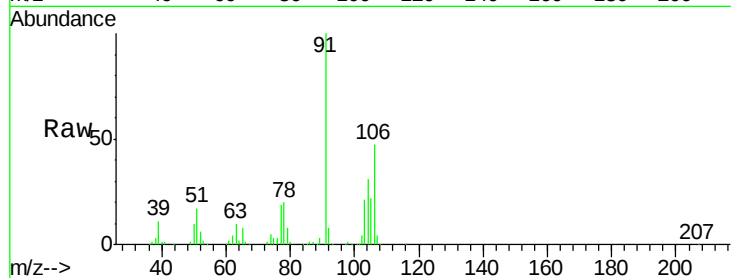
#69
o-Xylene
Concen: 51.980 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	160555		
91	220.4	109.1	327.3	

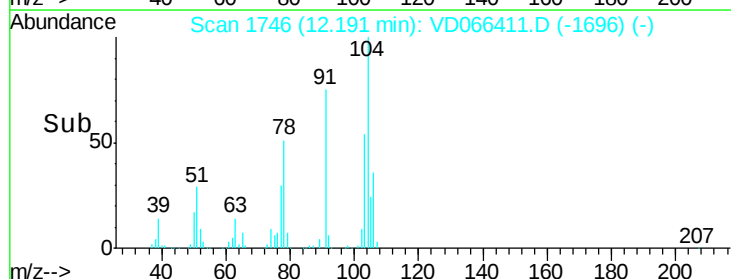
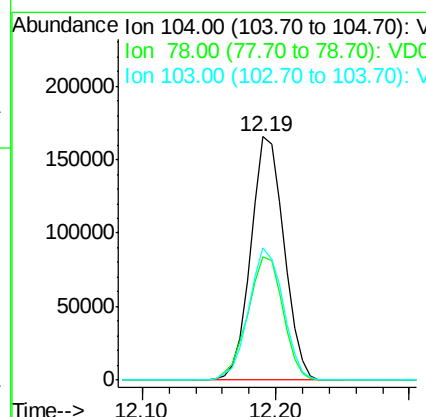
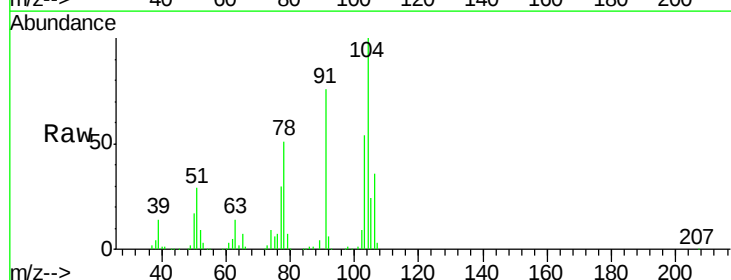
Manual Integrations
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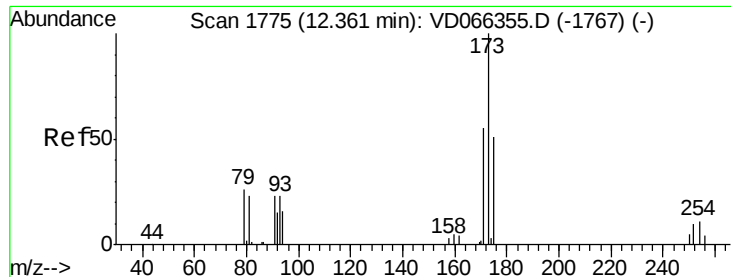
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#70
Styrene
Concen: 53.504 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	283764		
78	54.1	41.7	62.5	
103	56.3	43.5	65.3	





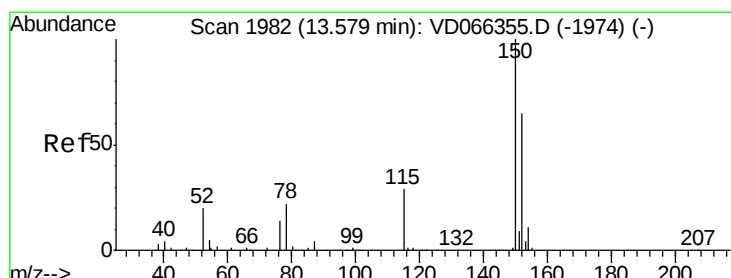
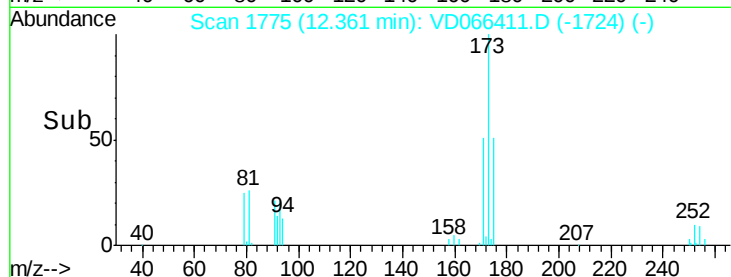
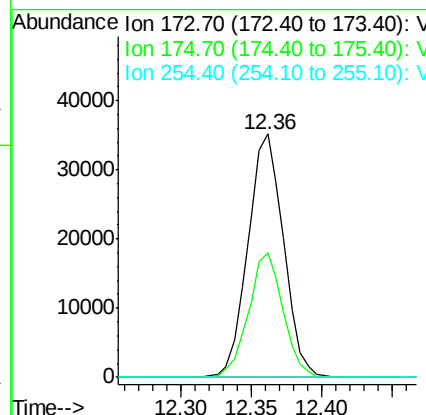
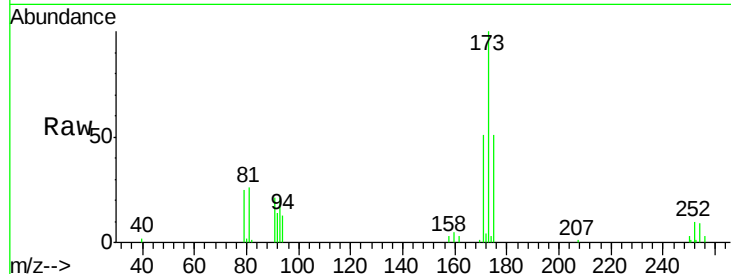
#71
Bromoform
Concen: 54.057 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.8	74.3
254	0.0	0.0	0.0

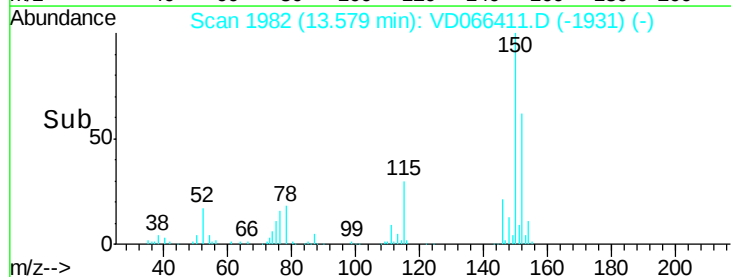
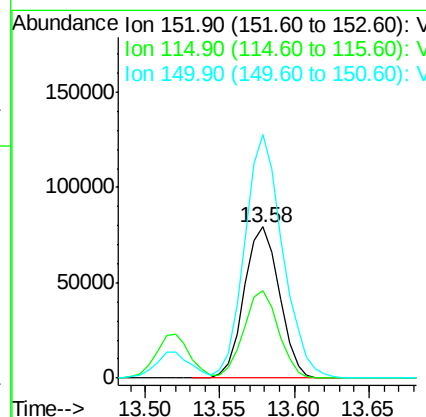
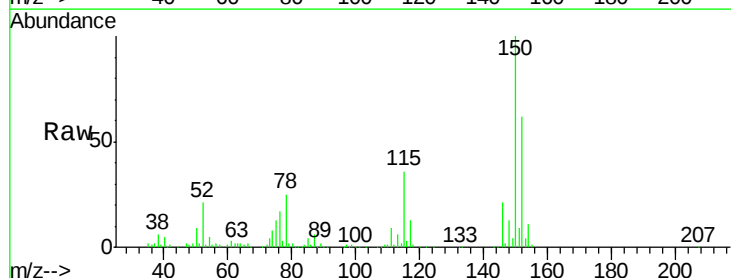
Manual Integrations
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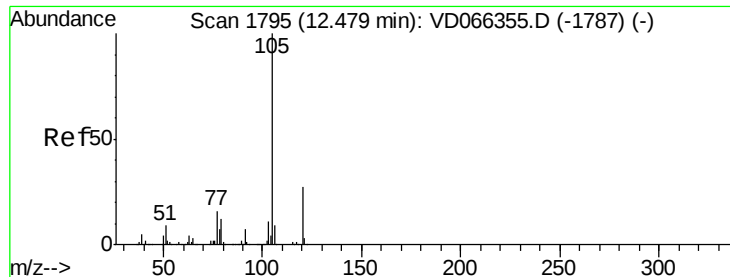
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.3	85.0
150	173.5	0.0	343.2





#73

Isopropylbenzene

Concen: 53.972 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 469278

Ion Ratio Lower Upper

105 100

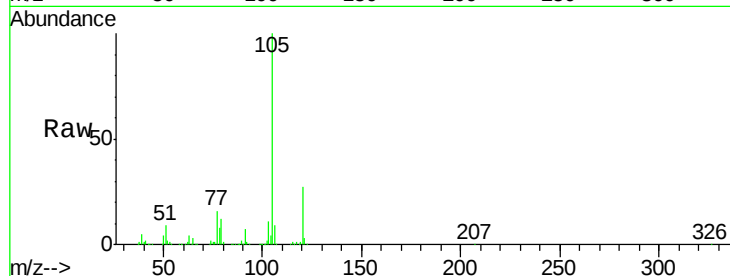
120 26.5 13.6 40.8

Manual Integrations

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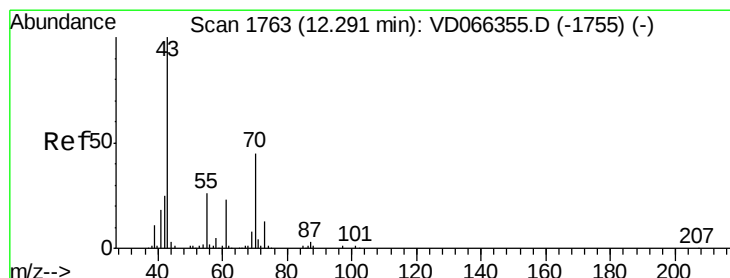
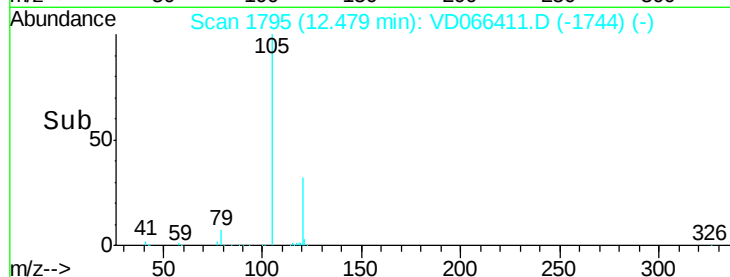
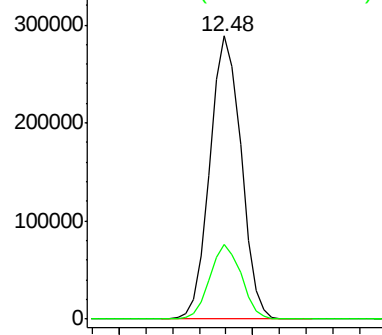
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.706 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion: 43 Resp: 78056

Ion Ratio Lower Upper

43 100

70 46.3 34.8 52.2

55 25.1 20.3 30.5

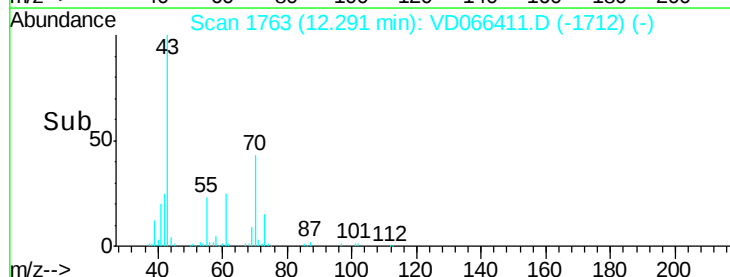
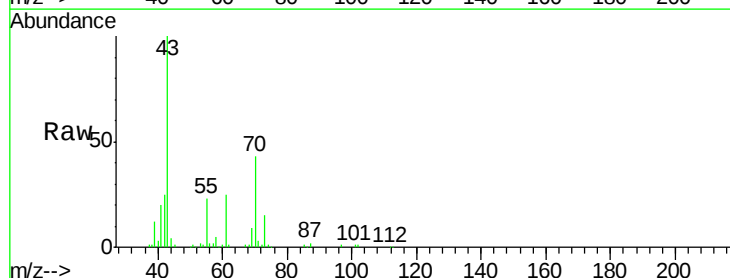
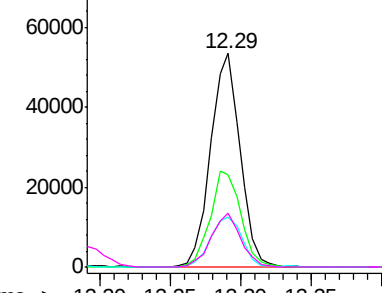
61 24.9 19.0 28.6

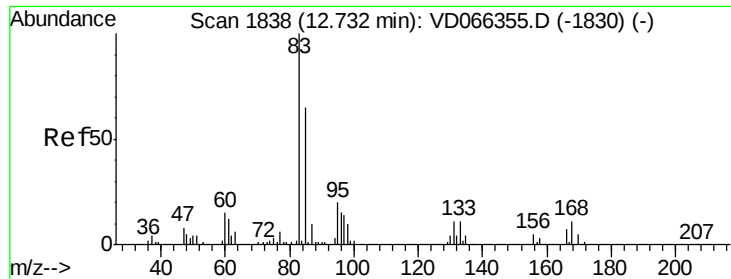
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 49.683 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

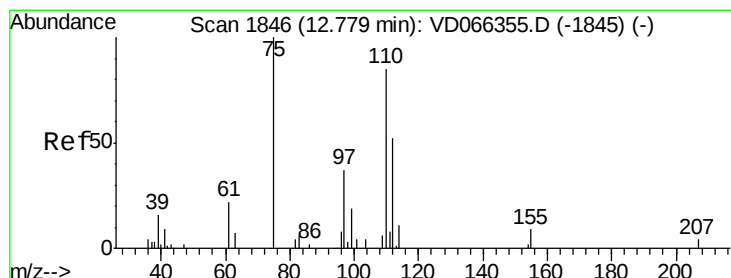
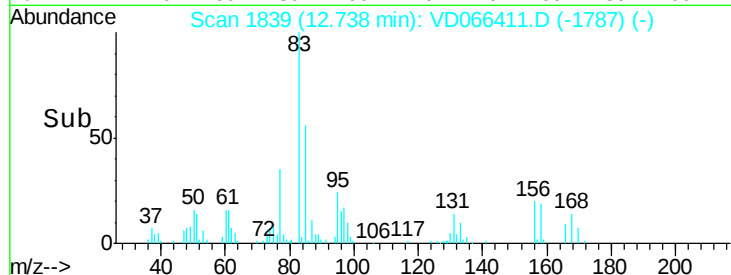
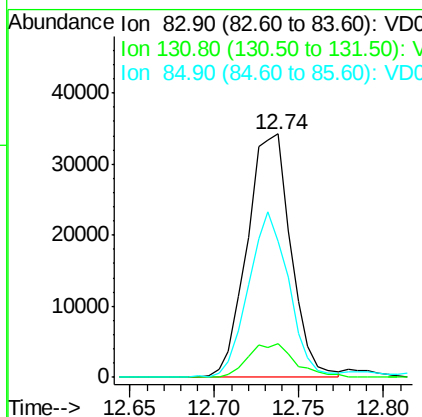
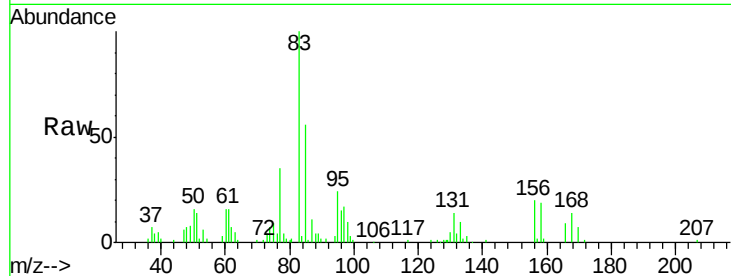
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	61710
Ion Ratio	Lower	Upper	
83	100		
131	14.8	7.0	20.9
85	62.8	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.799 ug/l m

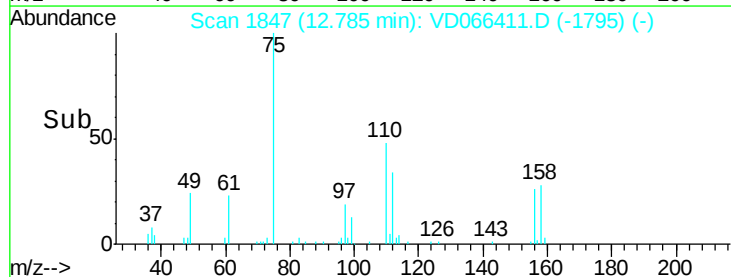
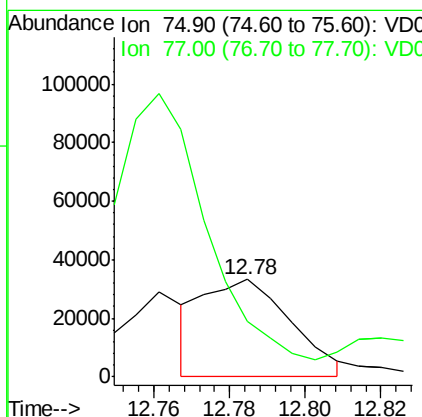
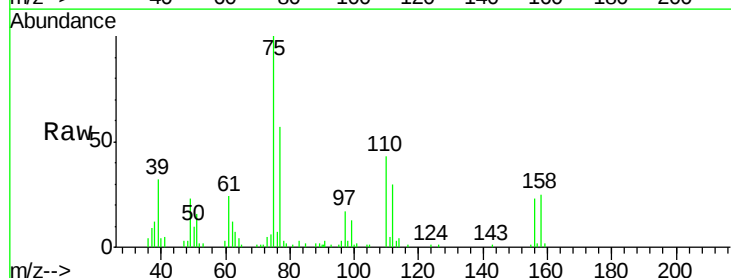
RT: 12.78 min Scan# 1847

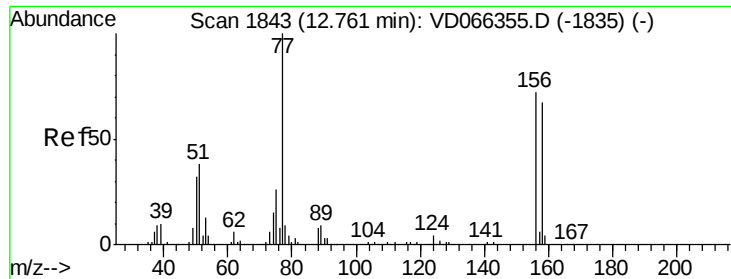
Delta R.T. 0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Tgt Ion:	75	Resp:	53689
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





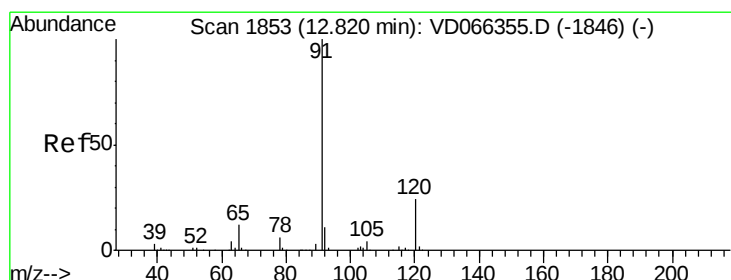
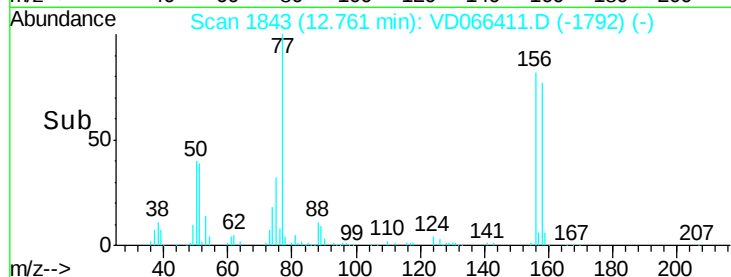
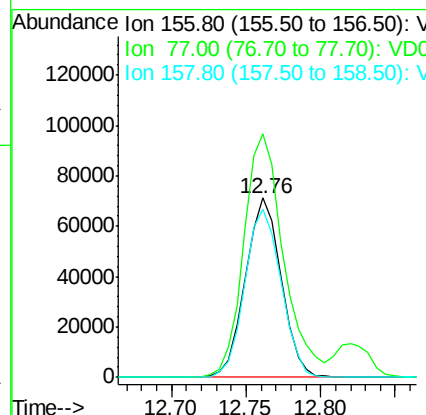
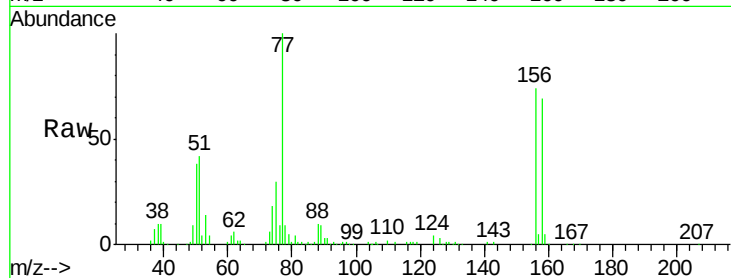
#77
Bromobenzene
Concen: 53.438 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.4	76.1	228.3
158	95.3	47.6	142.9

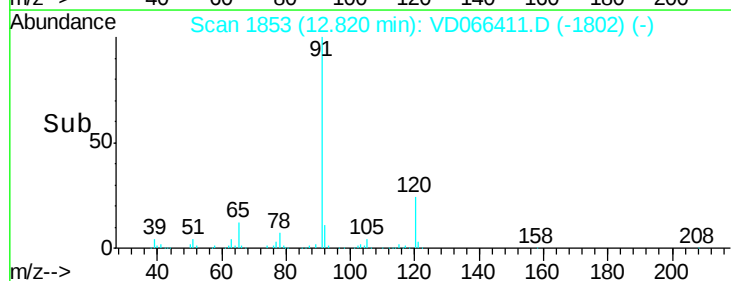
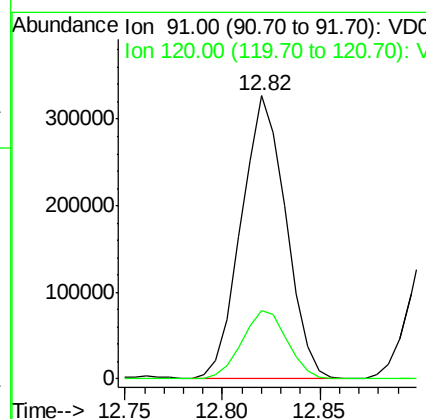
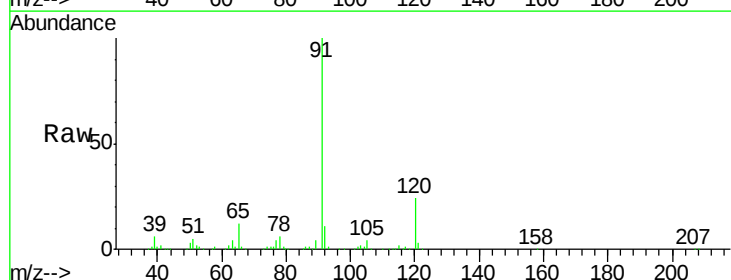
Manual Integrations
APPROVED

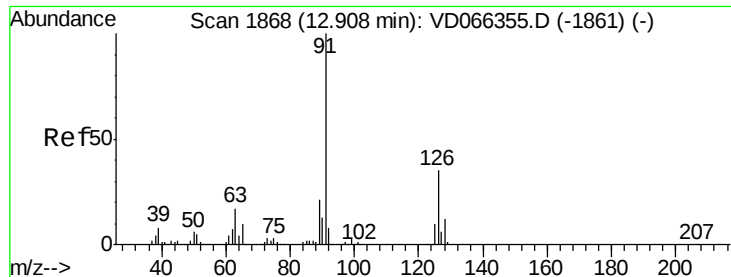
MMDadoda
8/27/2020 3:08:29 PM



#78
n-propylbenzene
Concen: 51.891 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.0	36.0





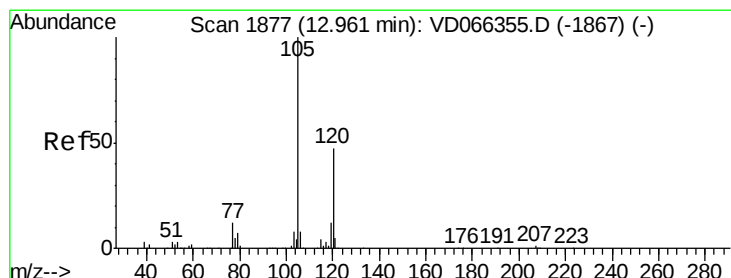
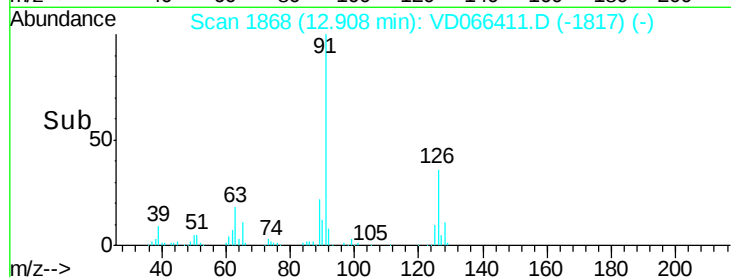
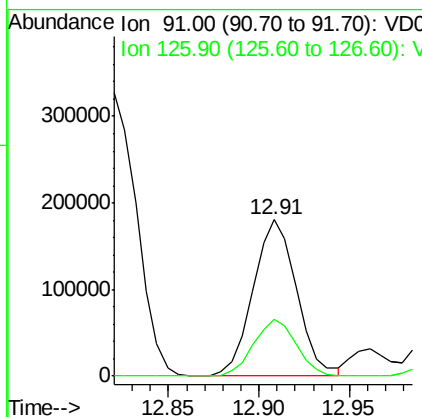
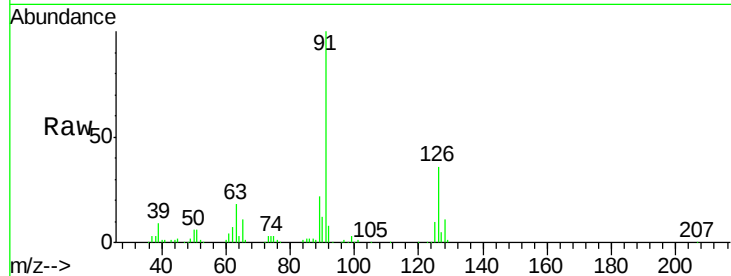
#79
2-Chlorotoluene
Concen: 52.802 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 300652
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1

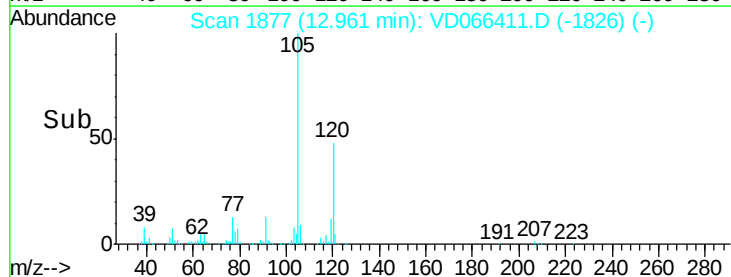
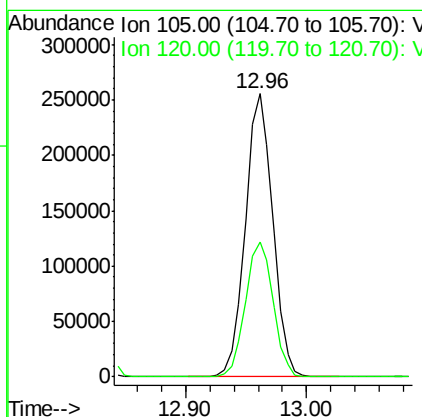
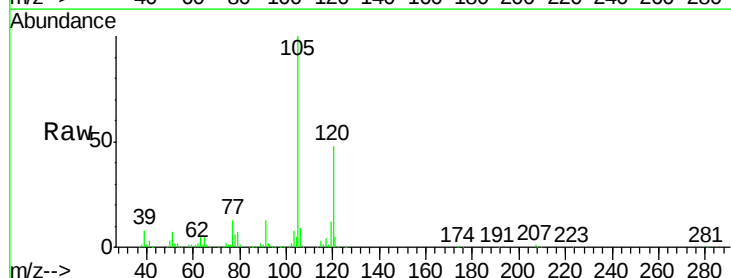
Manual Integrations
APPROVED

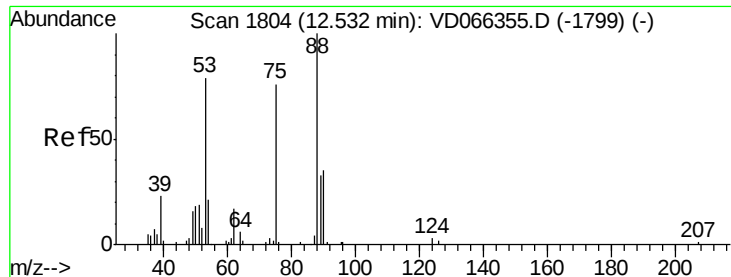
MMDadoda
8/27/2020 3:08:29 PM



#80
1,3,5-Trimethylbenzene
Concen: 53.943 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion: 105 Resp: 404961
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.162 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066411.D

Acq: 26 Aug 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 21578

Ion Ratio Lower Upper

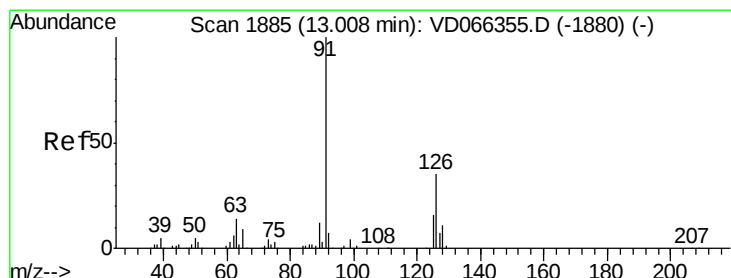
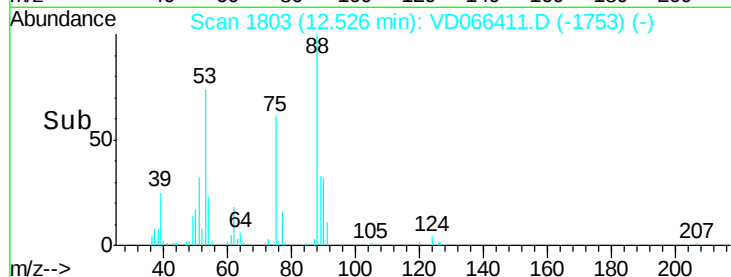
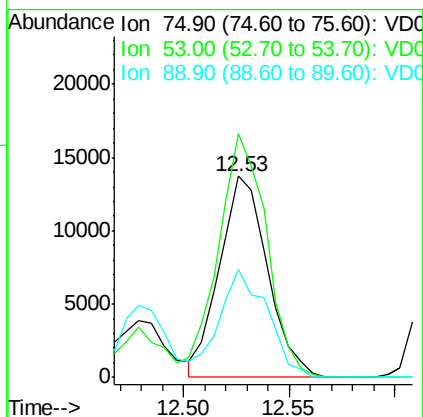
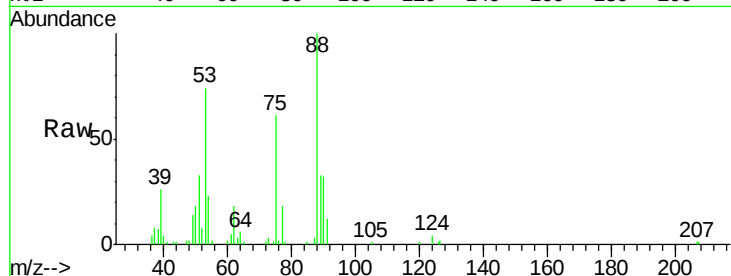
75 100

53 122.0 87.4 131.2

89 54.0 39.4 59.0

Manual Integrations
APPROVED

MMDadoda
8/27/2020 3:08:29 PM



#82

4-Chlorotoluene

Concen: 52.621 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066411.D

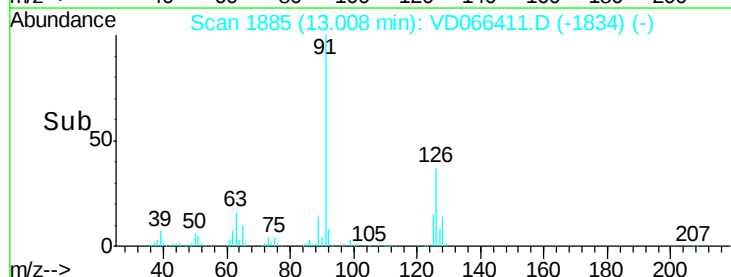
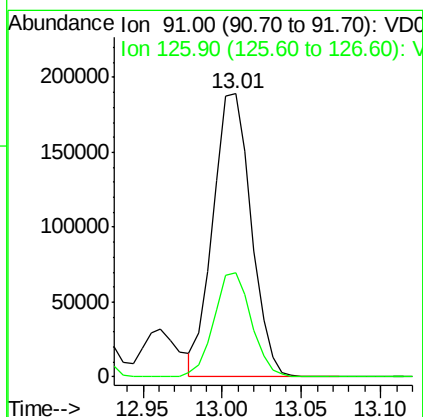
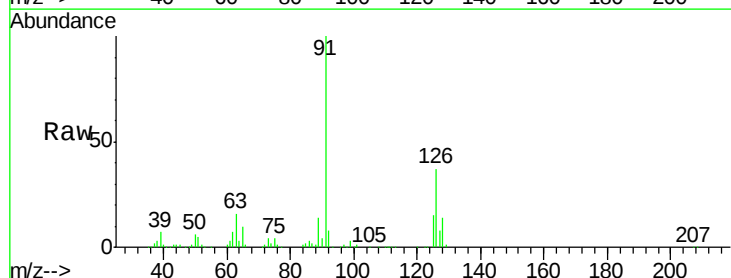
Acq: 26 Aug 2020 10:41

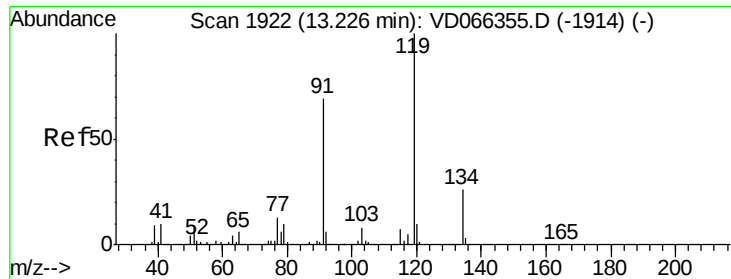
Tgt Ion: 91 Resp: 317438

Ion Ratio Lower Upper

91 100

126 36.0 17.4 52.2





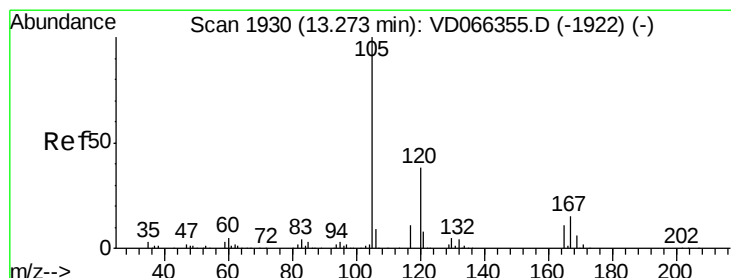
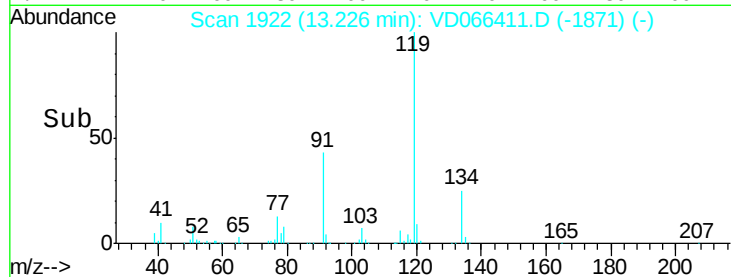
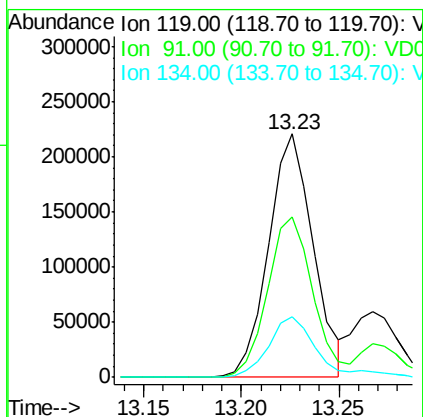
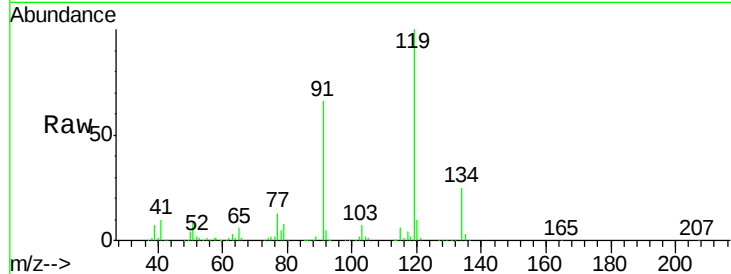
#83
tert-Butylbenzene
Concen: 53.635 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	33.5	100.5
134	27.2	13.5	40.4

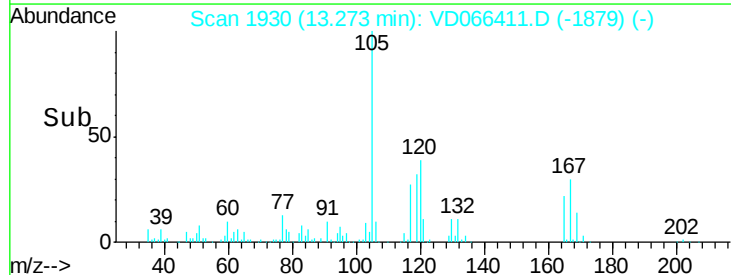
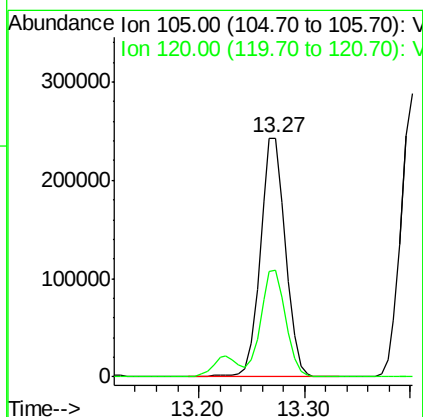
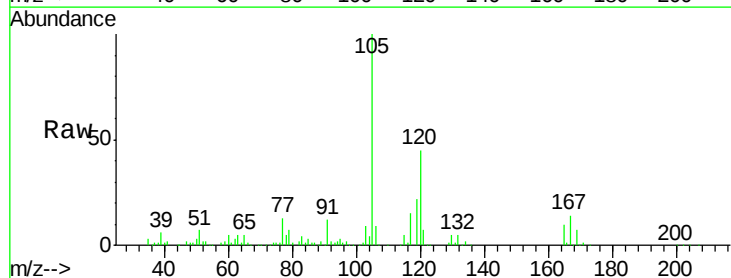
Manual Integrations
APPROVED

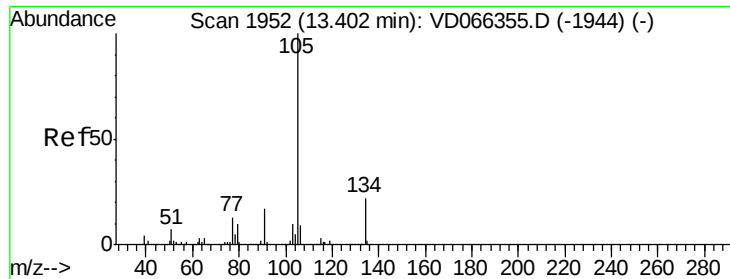
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 54.523 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.6	67.7





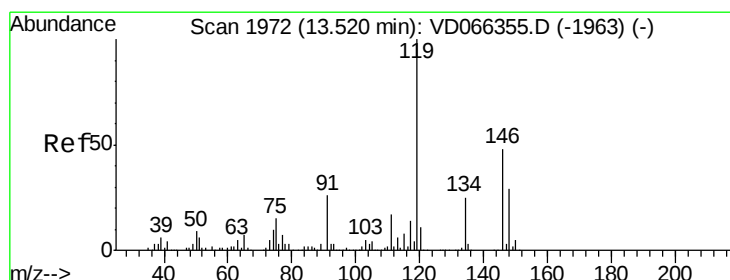
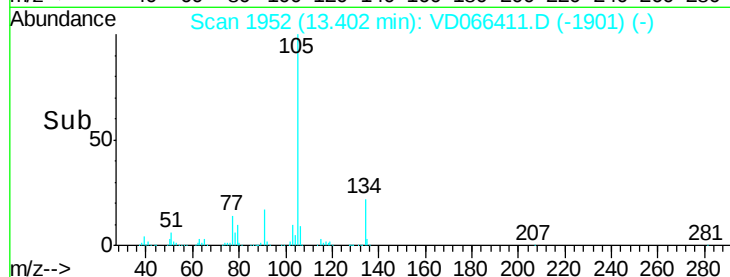
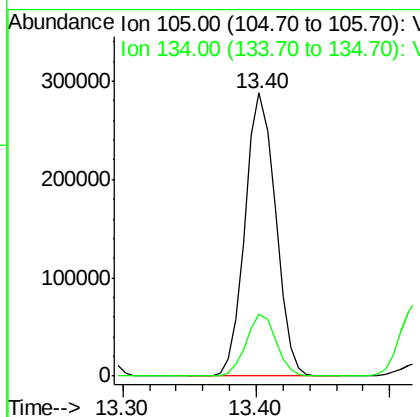
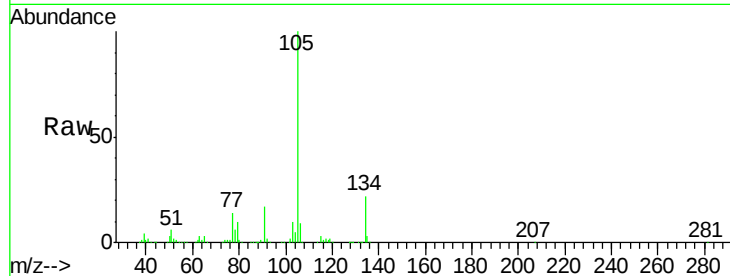
#85
 sec-Butylbenzene
 Concen: 53.231 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.8	32.4

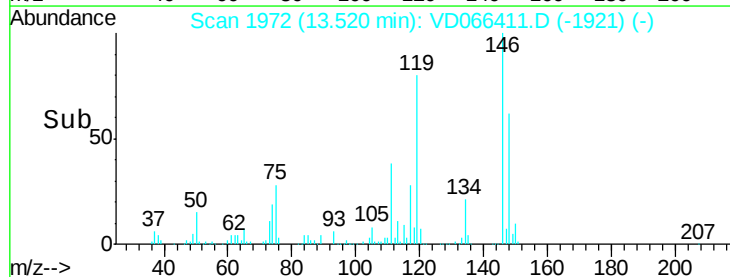
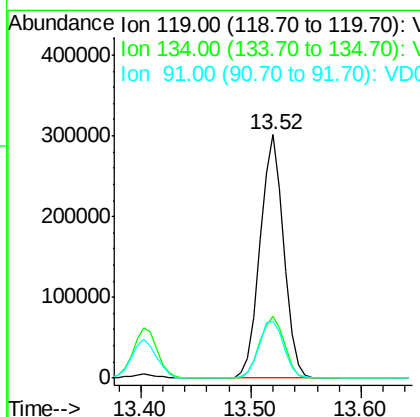
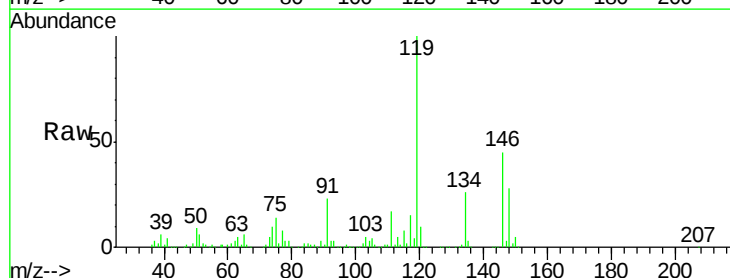
Manual Integrations
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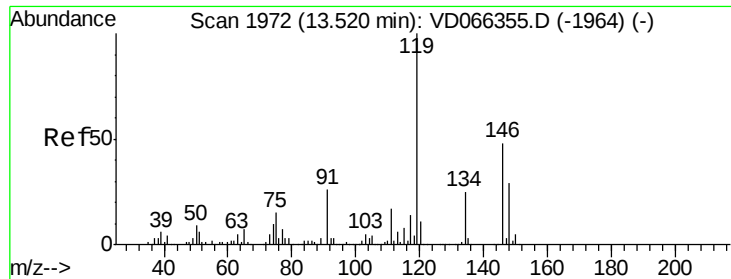
MMDadoda
 8/27/2020 3:08:29 PM



#86
 p-Isopropyltoluene
 Concen: 54.772 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.8	38.3
91	25.4	12.7	38.0





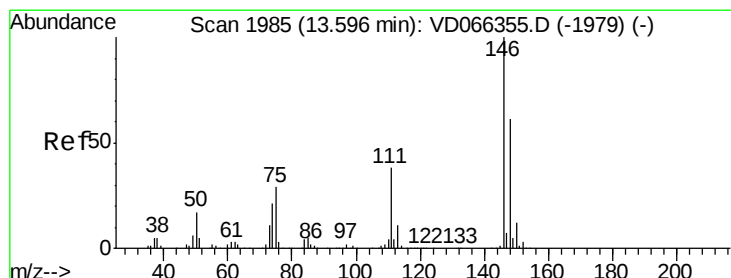
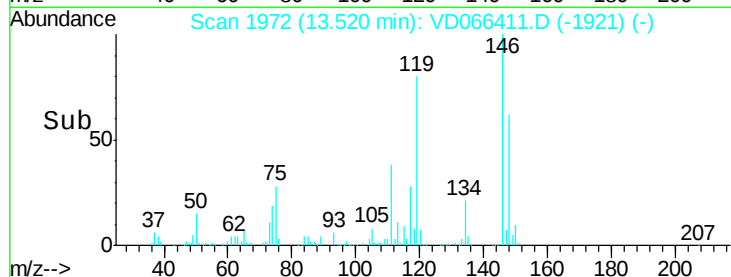
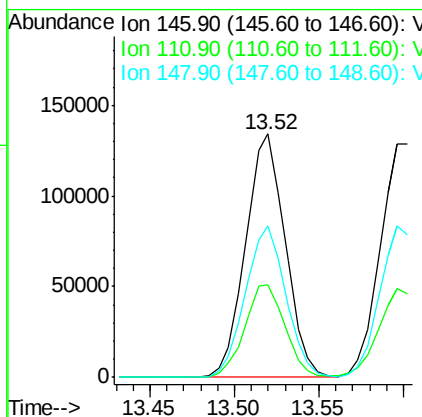
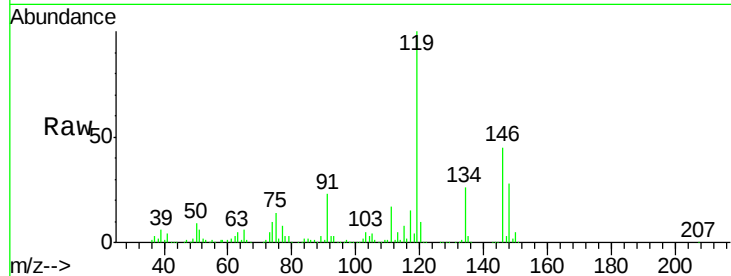
#87
 1,3-Dichlorobenzene
 Concen: 53.279 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219481		
111	38.8	18.9	56.9	
148	63.5	31.8	95.3	

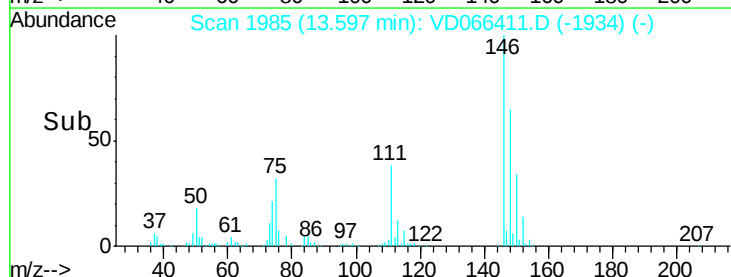
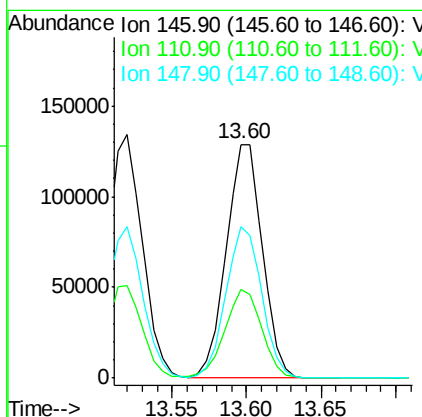
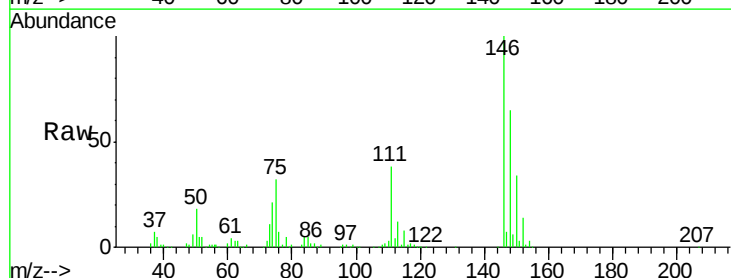
Manual Integrations
 APPROVED

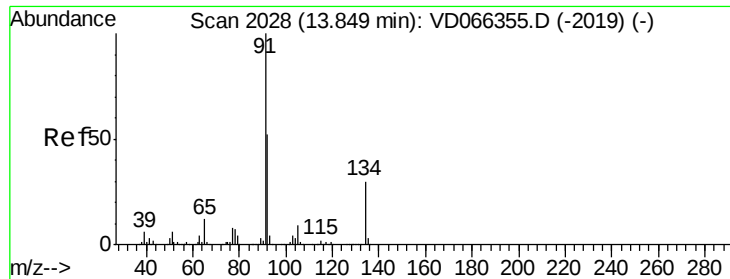
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 52.840 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218555		
111	38.5	19.1	57.5	
148	64.3	32.1	96.3	





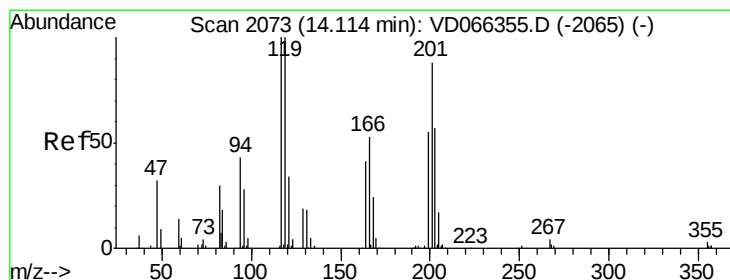
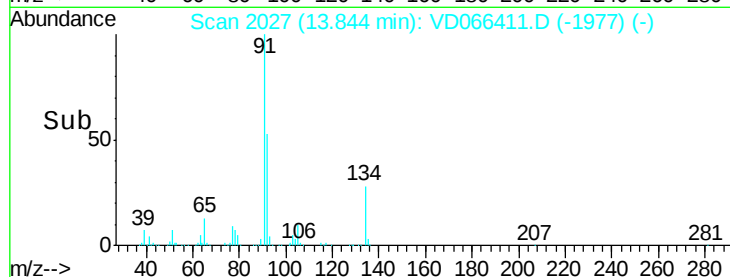
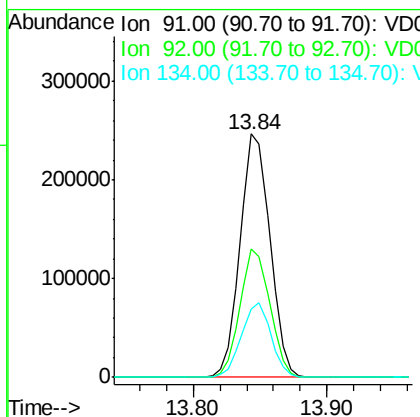
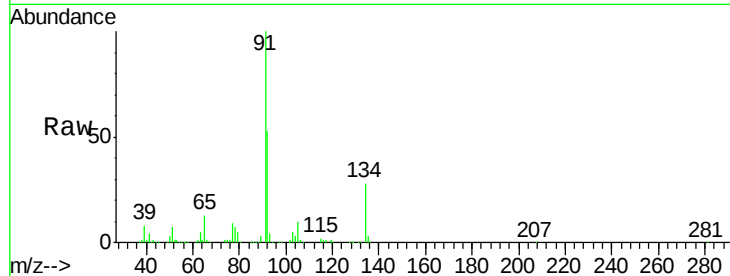
#89
n-Butylbenzene
Concen: 52.549 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	30.1	14.4	43.4

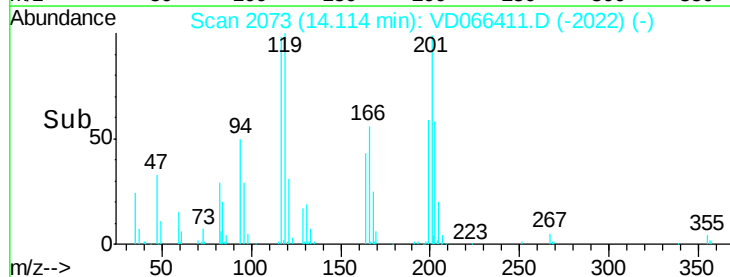
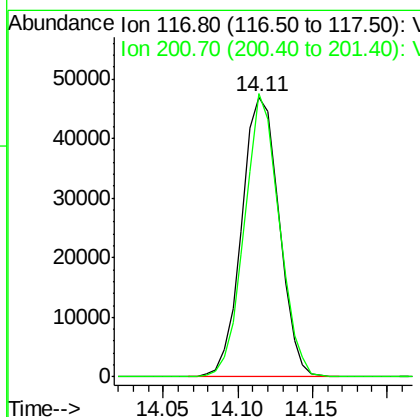
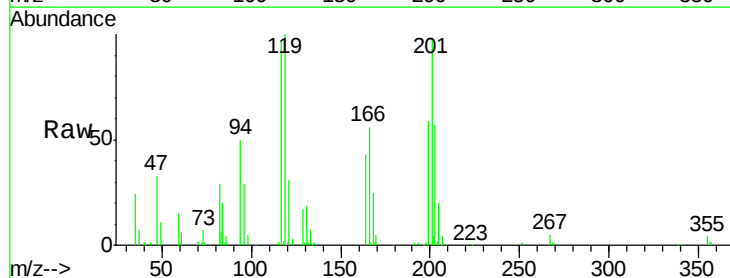
Manual Integrations
APPROVED

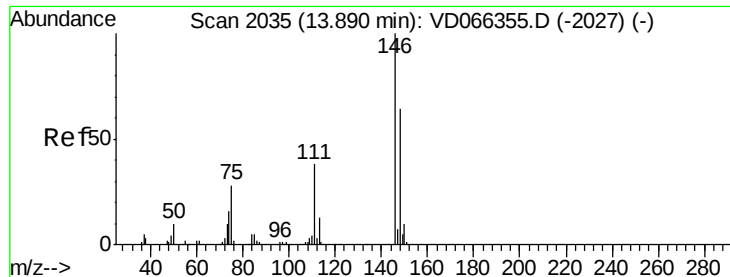
MMDadoda
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#90
Hexachloroethane
Concen: 49.896 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.3	45.4	136.2





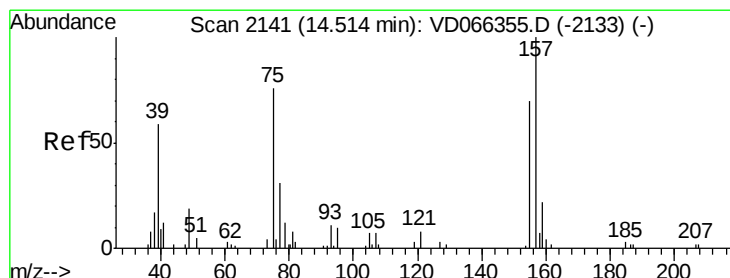
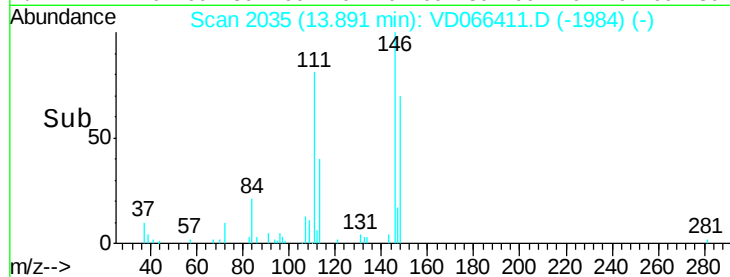
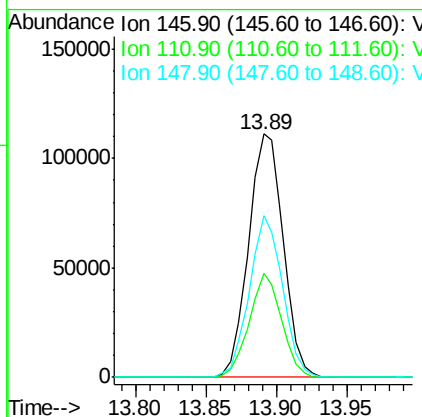
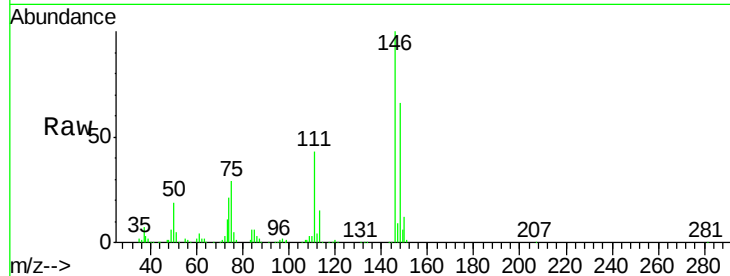
#91
 1,2-Dichlorobenzene
 Concen: 54.030 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.7	32.6	97.8

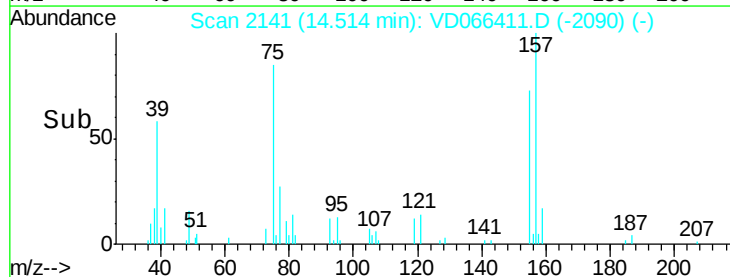
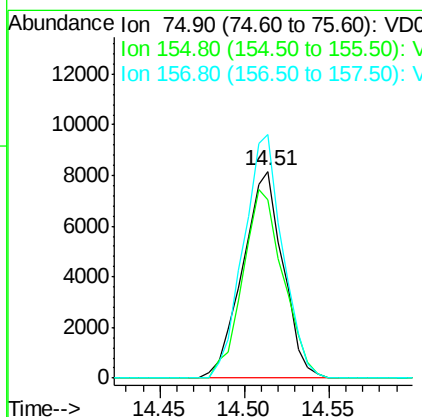
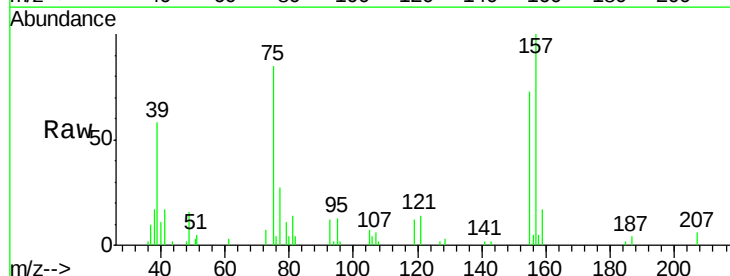
Manual Integrations
 APPROVED

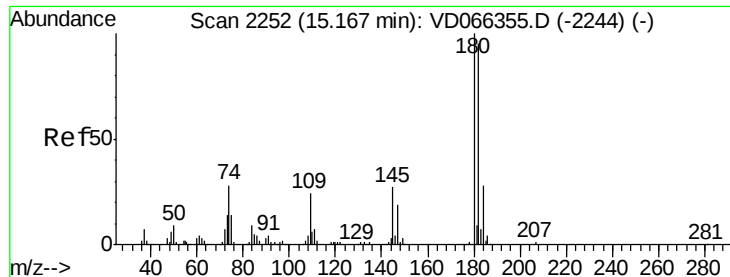
MMDadoda
 8/27/2020 3:08:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.987 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	46.9	140.6
157	114.6	61.0	183.0





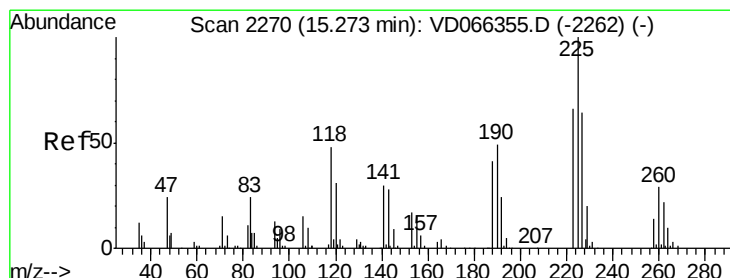
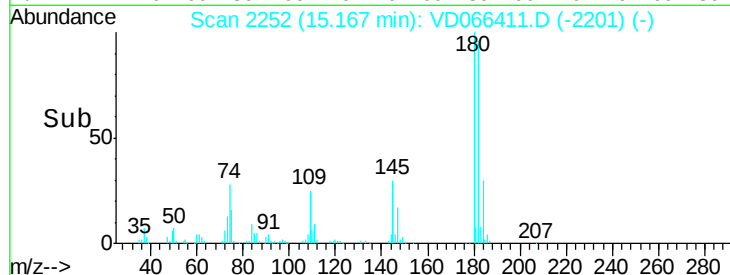
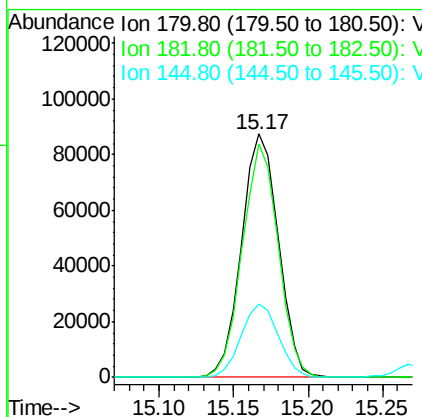
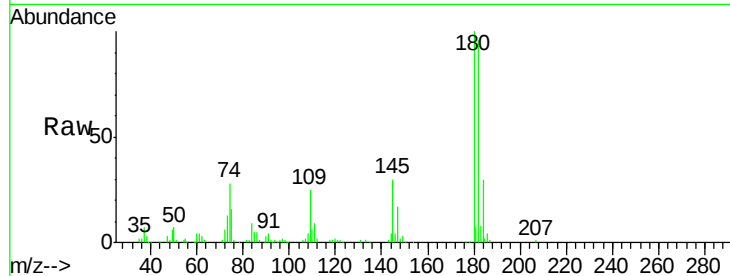
#93
 1,2,4-Trichlorobenzene
 Concen: 53.970 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	149417
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.0	144.0
145	30.7	15.2	45.6

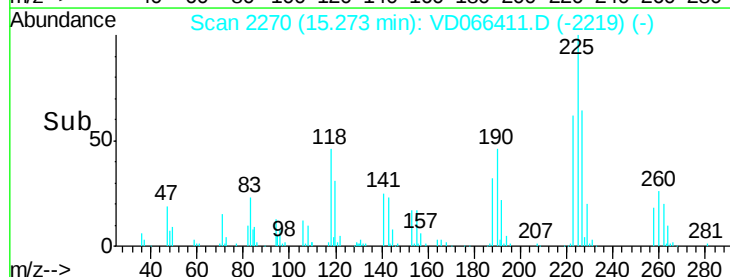
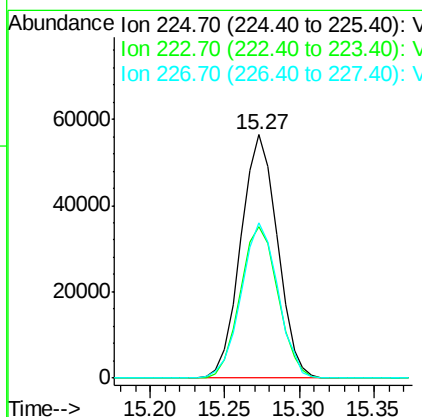
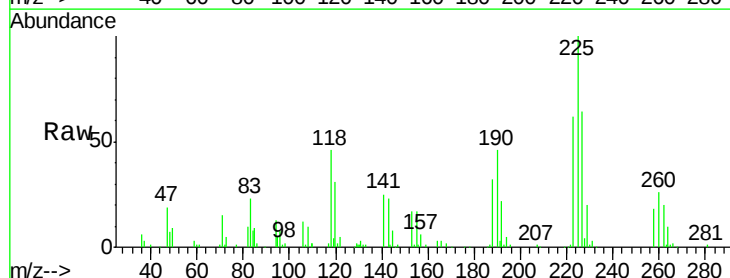
Manual Integrations
 APPROVED

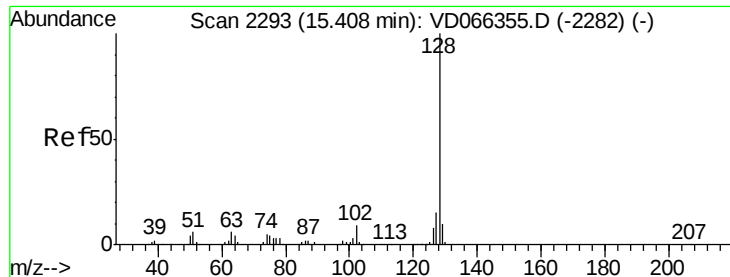
MMDadoda
 8/27/2020 3:08:29 PM



#94
 Hexachlorobutadiene
 Concen: 55.839 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066411.D
 Acq: 26 Aug 2020 10:41

Tgt Ion:	225	Resp:	96069
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.5	97.4
227	63.8	33.0	98.9





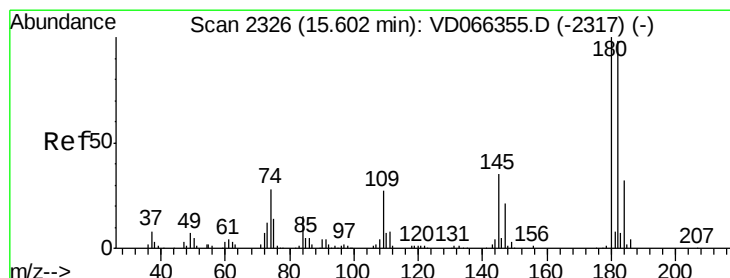
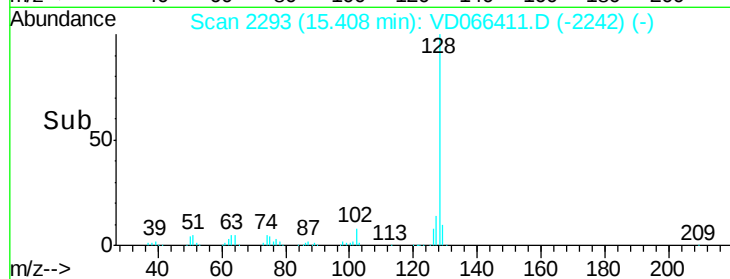
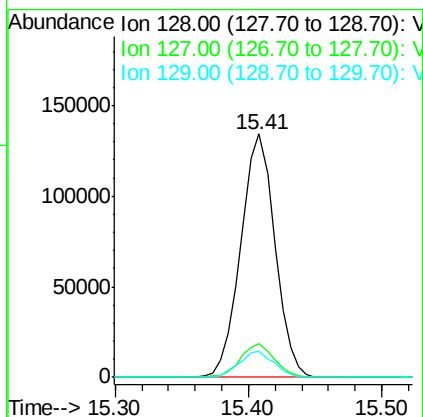
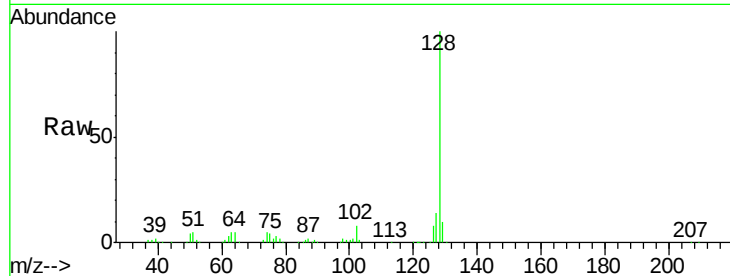
#95
Naphthalene
Concen: 54.755 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/27/2020 3:08:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.971 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066411.D
Acq: 26 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.7	140.0
145	31.5	16.0	48.0

