

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066248.D
 Acq On : 14 Aug 2020 20:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:45:59 PM

Quant Time: Aug 17 09:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	263941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	382379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	357124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	127429	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	7.91	113	124997	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	10.34	98	456333	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.63	95	166175	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	92169	39.636	ug/l	100
3) Chloromethane	2.20	50	73749	40.770	ug/l	99
4) Vinyl Chloride	2.34	62	70631	44.103	ug/l	95
5) Bromomethane	2.76	94	51503	48.473	ug/l	99
6) Chloroethane	2.91	64	46707	47.512	ug/l #	88
7) Trichlorofluoromethane	3.26	101	196135	46.976	ug/l	97
8) Diethyl Ether	3.70	74	57315	48.651	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	114071	46.036	ug/l	99
10) Methyl Iodide	4.30	142	104194	46.700	ug/l	98
11) Tert butyl alcohol	5.23	59	41963	236.620	ug/l	96
12) 1,1-Dichloroethene	4.06	96	106788	45.685	ug/l	94
13) Acrolein	3.93	56	31809	169.708	ug/l	97
14) Allyl chloride	4.71	41	159365	45.003	ug/l	93
15) Acrylonitrile	5.42	53	124546	250.879	ug/l	98
16) Acetone	4.16	43	105723	236.624	ug/l	98
17) Carbon Disulfide	4.40	76	303853	40.884	ug/l	98
18) Methyl Acetate	4.72	43	53786	47.394	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	277367	51.770	ug/l	94
20) Methylene Chloride	4.96	84	142587	56.142	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	122627	45.667	ug/l	96
22) Diisopropyl ether	6.36	45	341087	48.707	ug/l	94
23) Vinyl Acetate	6.30	43	1009232	246.001	ug/l	99
24) 1,1-Dichloroethane	6.26	63	210315	48.529	ug/l	99
25) 2-Butanone	7.20	43	149384	227.319	ug/l	98
26) 2,2-Dichloropropane	7.20	77	183735	47.302	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	139399	49.494	ug/l	98
28) Bromochloromethane	7.54	49	79007	51.905	ug/l	97
29) Tetrahydrofuran	7.56	42	98468	241.847	ug/l	98
30) Chloroform	7.70	83	233063	51.215	ug/l	95
31) Cyclohexane	7.97	56	171345	41.534	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	217110	50.884	ug/l	99
36) 1,1-Dichloropropene	8.11	75	170376	47.416	ug/l	99
37) Ethyl Acetate	7.29	43	68566	48.161	ug/l	96
38) Carbon Tetrachloride	8.09	117	201401	50.263	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	196141	45.156	ug/l	97
40) Benzene	8.34	78	478887	48.043	ug/l	96
41) Methacrylonitrile	7.52	41	35000	41.812	ug/l #	87
42) 1,2-Dichloroethane	8.41	62	149466	51.042	ug/l	99
43) Isopropyl Acetate	8.44	43	137860	49.147	ug/l	99
44) Trichloroethene	9.11	130	143434	47.753	ug/l	98
45) 1,2-Dichloropropane	9.38	63	119436	48.992	ug/l	96
46) Dibromomethane	9.47	93	68010	50.646	ug/l	97
47) Bromodichloromethane	9.66	83	185994	52.406	ug/l	96
48) Methyl methacrylate	9.45	41	66996	46.774	ug/l	86
49) 1,4-Dioxane	9.46	88	17885	1036.684	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	364232	252.791	ug/l	98
52) Toluene	10.40	92	323934	49.388	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	173091	51.391	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	200889	50.907	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	96952	50.140	ug/l	96
56) Ethyl methacrylate	10.66	69	122760	52.849	ug/l	95
57) 1,3-Dichloropropane	10.94	76	162403	50.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	295302	282.627	ug/l	100
59) 2-Hexanone	10.98	43	250813	248.033	ug/l	97
60) Dibromochloromethane	11.14	129	139173	52.134	ug/l	98
61) 1,2-Dibromoethane	11.24	107	95654	51.438	ug/l	99
64) Tetrachloroethene	10.87	164	133322	48.616	ug/l	98
65) Chlorobenzene	11.67	112	360680	49.751	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	140814	49.642	ug/l	97
67) Ethyl Benzene	11.74	91	633728	50.444	ug/l	96
68) m/p-Xylenes	11.85	106	478047	98.213	ug/l	96
69) o-Xylene	12.18	106	226650	51.188	ug/l	98
70) Styrene	12.20	104	400520	51.614	ug/l	98
71) Bromoform	12.36	173	87095	51.823	ug/l #	97
73) Isopropylbenzene	12.48	105	628312	48.779	ug/l	99
74) N-amyl acetate	12.29	43	135446	47.753	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	106835	48.642	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	67765m	42.112	ug/l	
77) Bromobenzene	12.76	156	159221	48.020	ug/l	99
78) n-propylbenzene	12.82	91	723201	48.301	ug/l	100
79) 2-Chlorotoluene	12.91	91	412135	48.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	532282	49.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	33172	45.569	ug/l	91
82) 4-Chlorotoluene	13.00	91	442007	48.895	ug/l	99
83) tert-Butylbenzene	13.23	119	465609	49.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	525803	48.774	ug/l	100
85) sec-Butylbenzene	13.40	105	626043	48.946	ug/l	100
86) p-Isopropyltoluene	13.52	119	577142	48.110	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	299336	48.034	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	295094	47.482	ug/l	99
89) n-Butylbenzene	13.84	91	525867	48.926	ug/l	100
90) Hexachloroethane	14.11	117	116239	48.584	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	263087	47.736	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17724	46.952	ug/l	95

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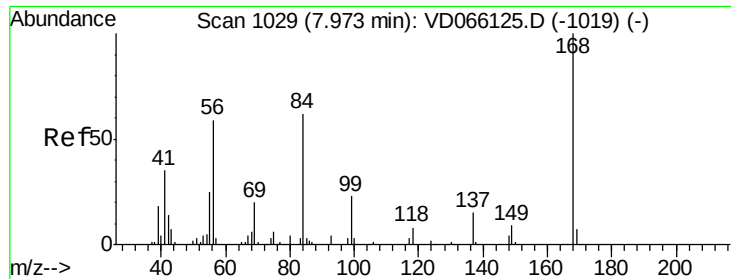
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	194621	47.919	ug/l	99
94) Hexachlorobutadiene	15.27	225	116481	48.703	ug/l	98
95) Naphthalene	15.41	128	333969	50.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	173740	48.458	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: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263941

Ion Ratio Lower Upper

168 100

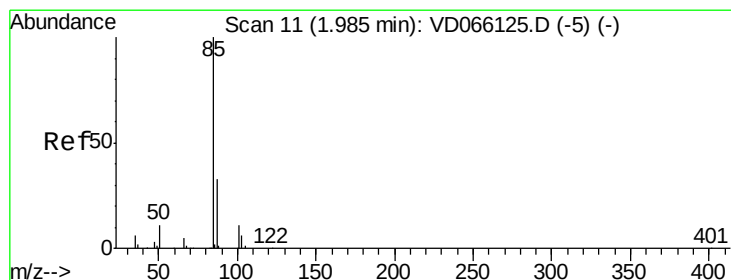
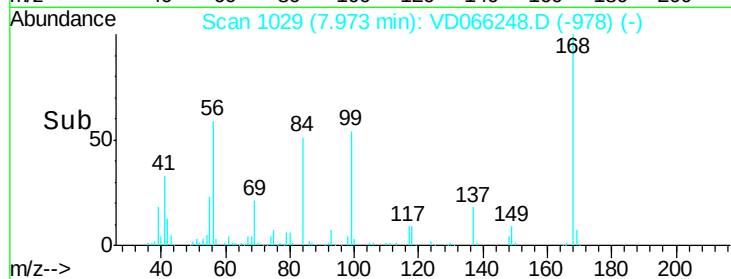
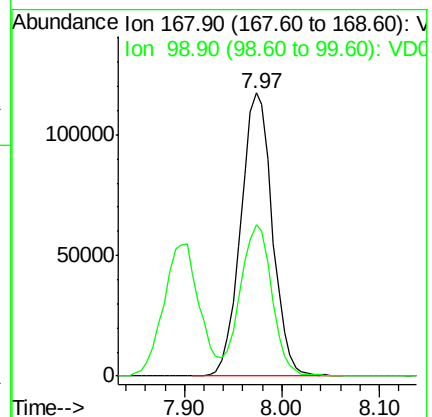
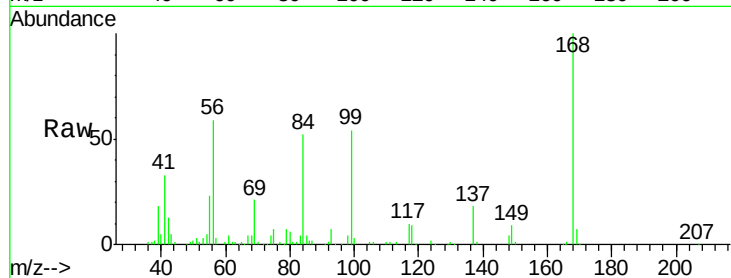
99 53.4 42.2 63.4

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#2

Dichlorodifluoromethane

Concen: 39.636 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066248.D

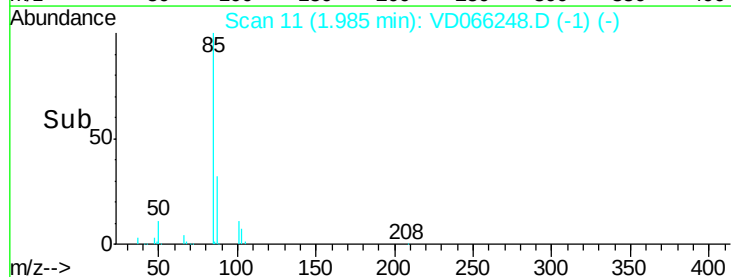
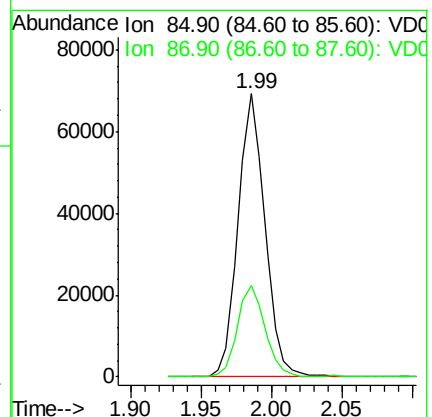
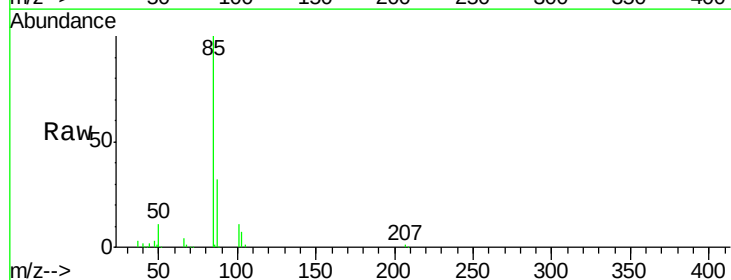
Acq: 14 Aug 2020 20:35

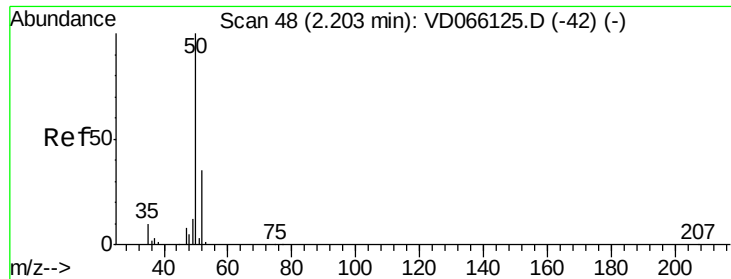
Tgt Ion: 85 Resp: 92169

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.8





#3

Chloromethane

Concen: 40.770 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 73749

Ion Ratio Lower Upper

50 100

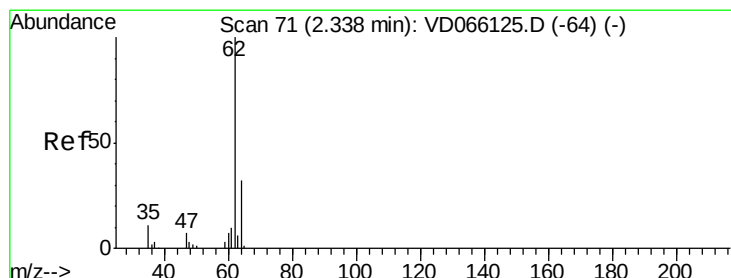
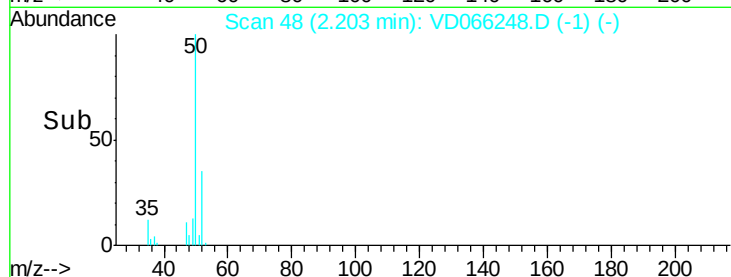
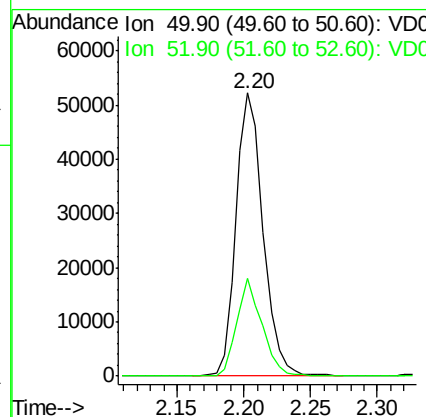
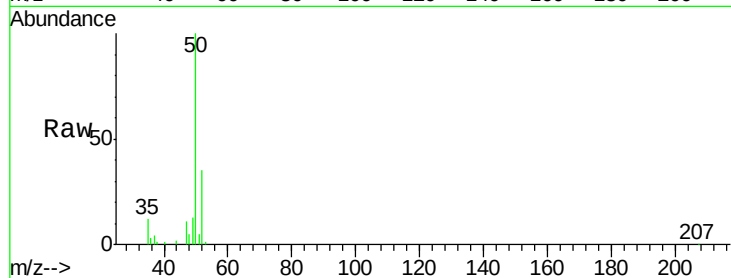
52 34.6 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.103 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066248.D

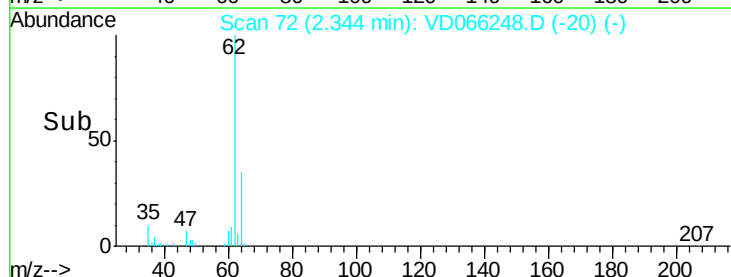
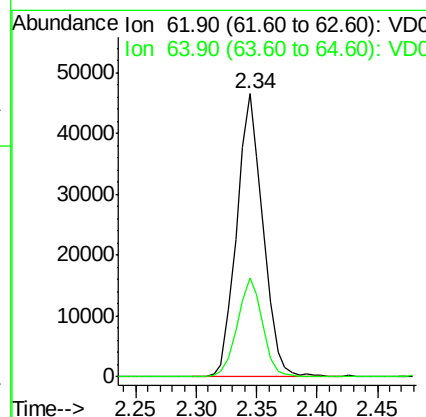
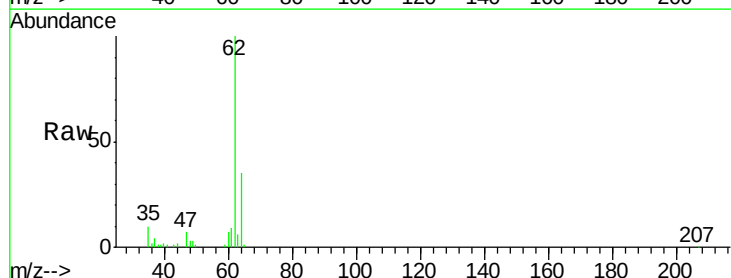
Acq: 14 Aug 2020 20:35

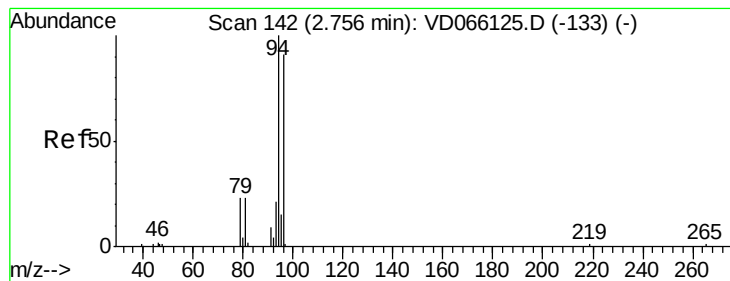
Tgt Ion: 62 Resp: 70631

Ion Ratio Lower Upper

62 100

64 34.9 25.8 38.8





#5

Bromomethane

Concen: 48.473 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 51503

Ion Ratio Lower Upper

94 100

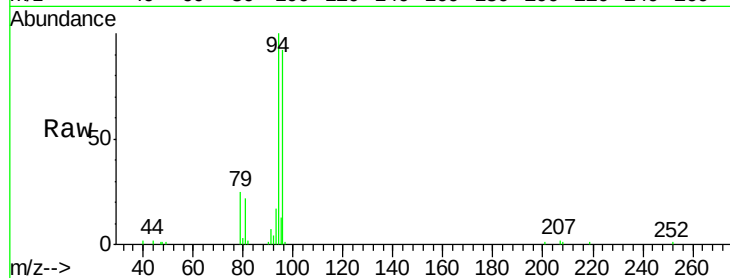
96 91.4 72.6 109.0

Manual Integrations

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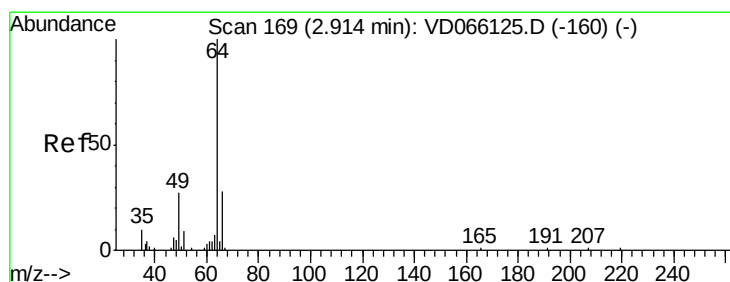
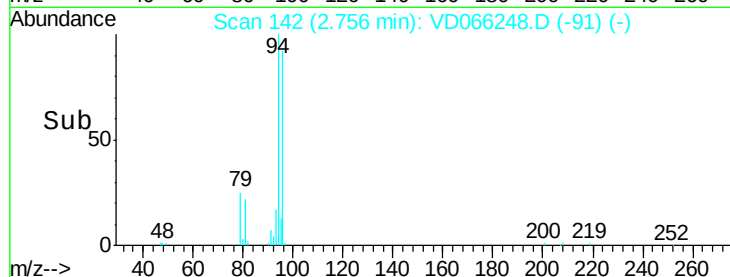
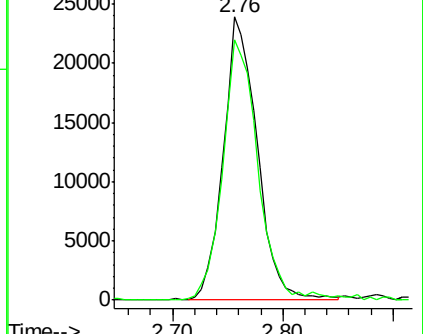
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.512 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066248.D

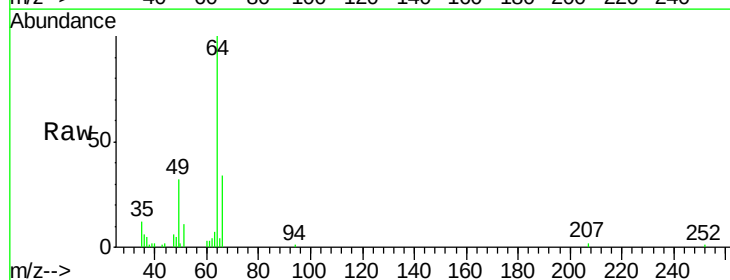
Acq: 14 Aug 2020 20:35

Tgt Ion: 64 Resp: 46707

Ion Ratio Lower Upper

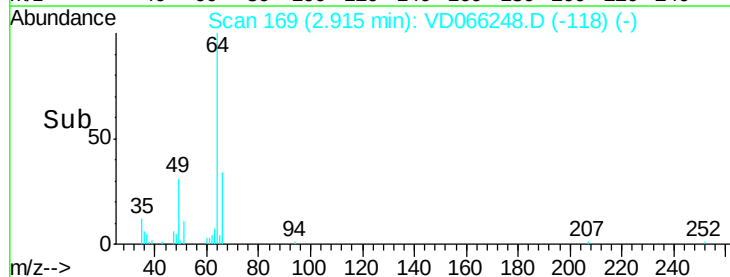
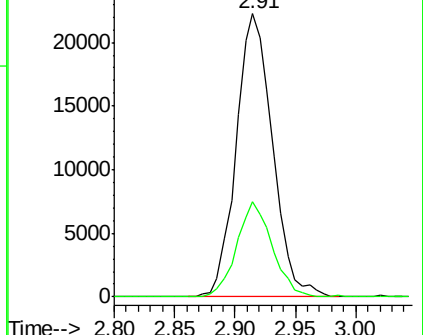
64 100

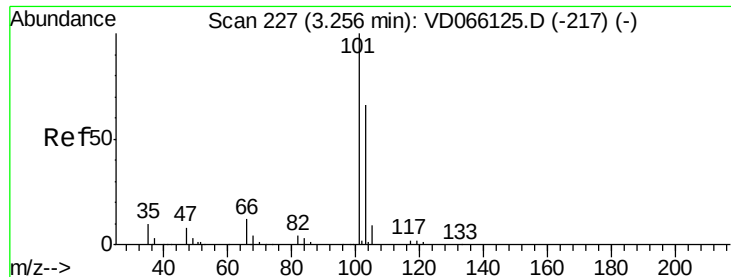
66 33.7 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

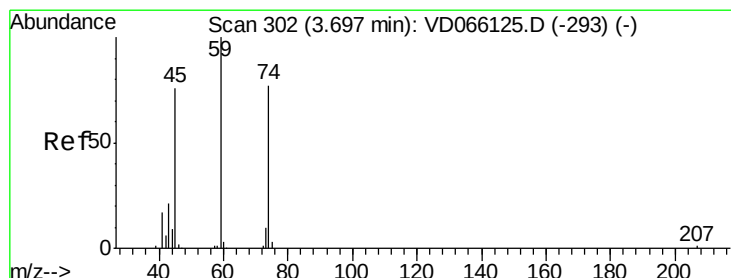
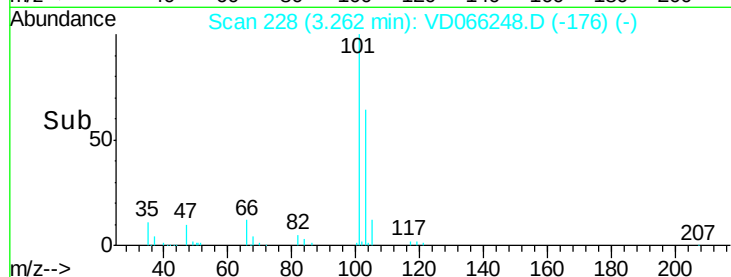
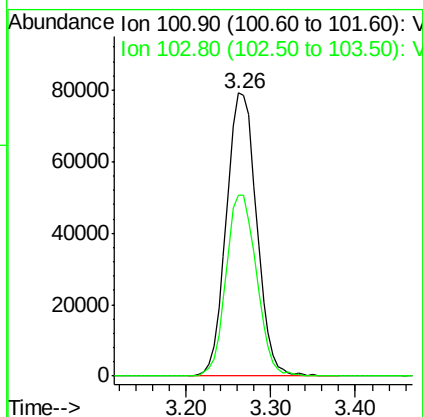
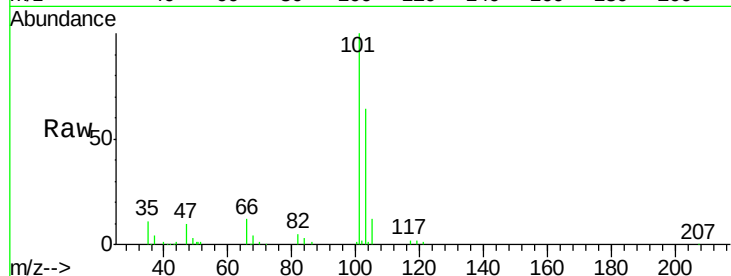
Trichlorofluoromethane
Concen: 46.976 ug/l
RT: 3.26 min Scan# 228
Delta R.T. 0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	196135		
103	64.0	53.0	79.6	

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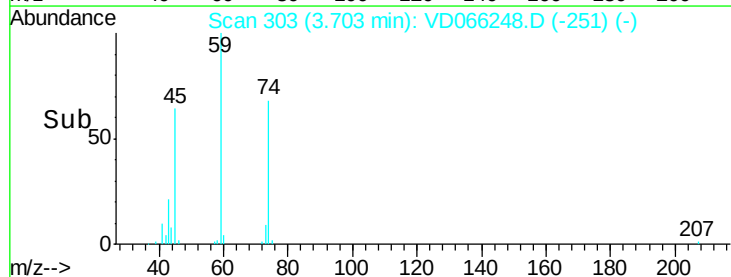
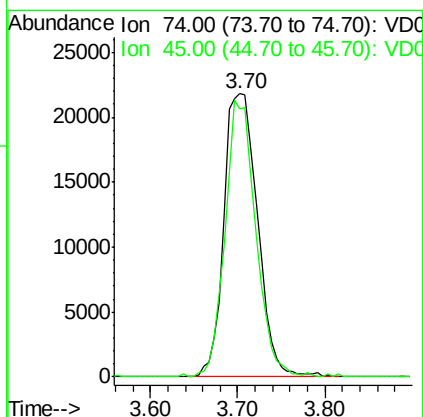
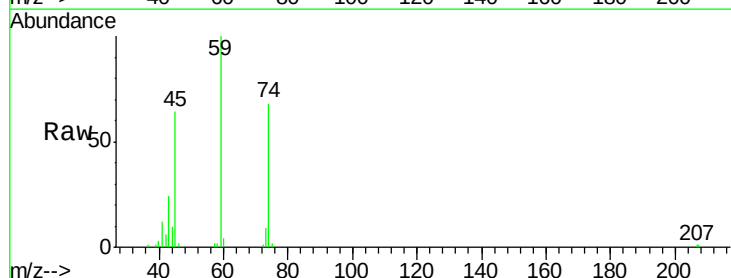
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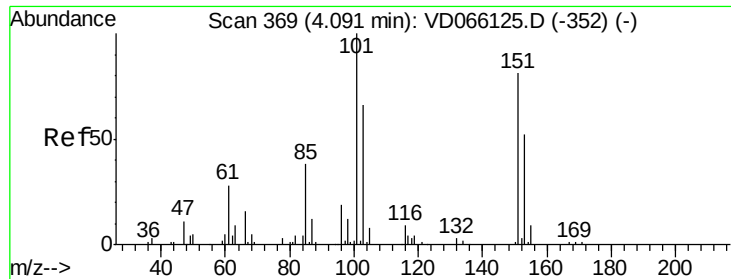


#8

Diethyl Ether
Concen: 48.651 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57315		
45	88.7	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.036 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

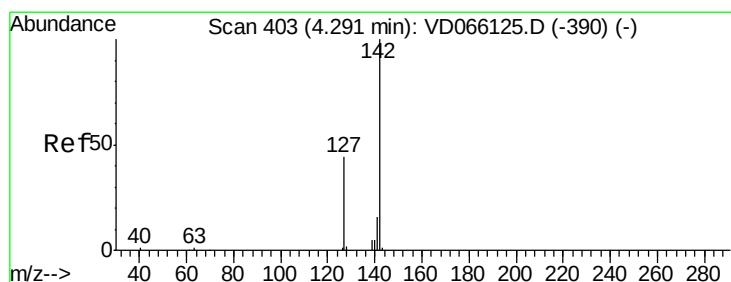
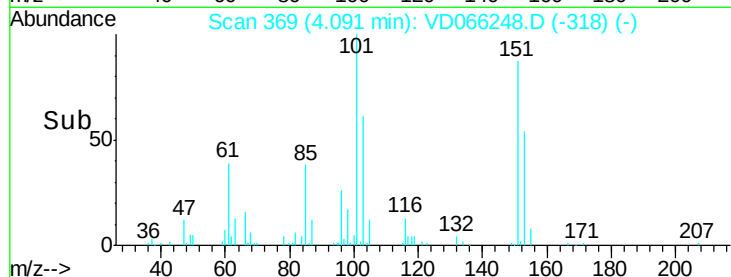
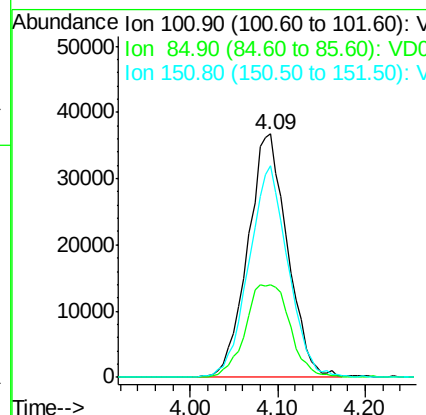
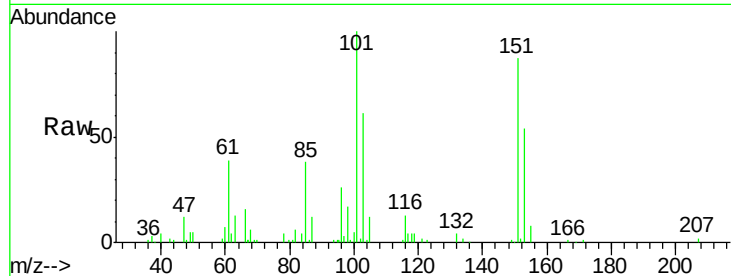
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	114071
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.5	50.3
151	85.9	67.8	101.8

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#10

Methyl Iodide

Concen: 46.700 ug/l

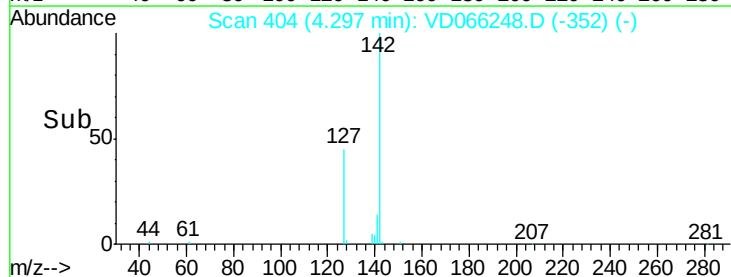
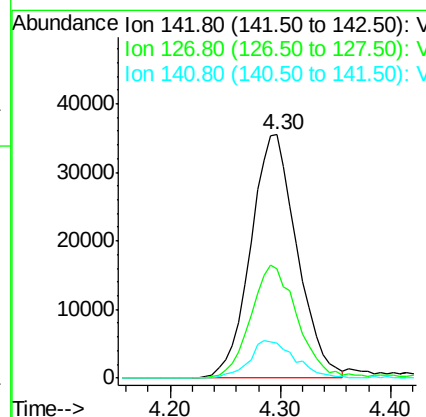
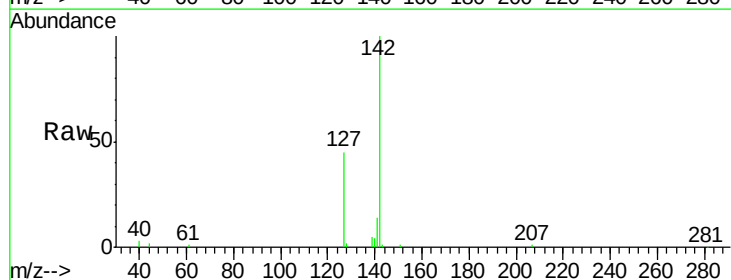
RT: 4.30 min Scan# 404

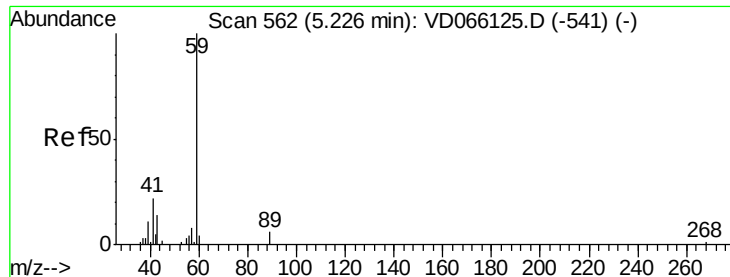
Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	142	Resp:	104194
Ion Ratio	Lower	Upper	
142	100		
127	47.1	36.2	54.4
141	15.2	12.6	18.8





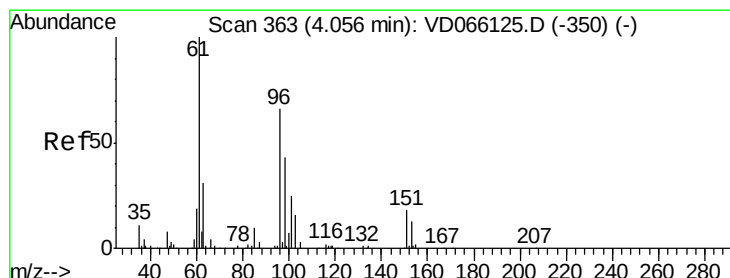
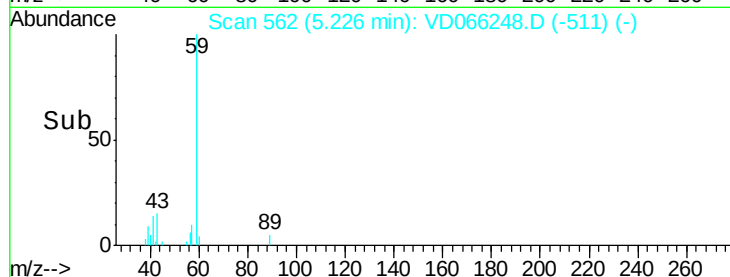
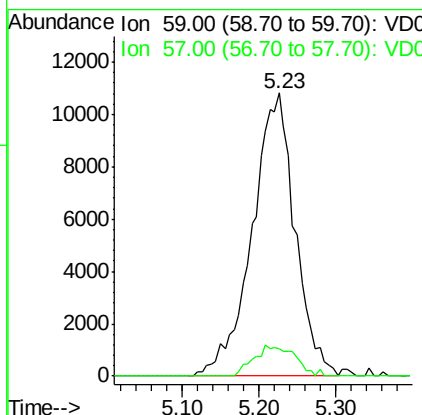
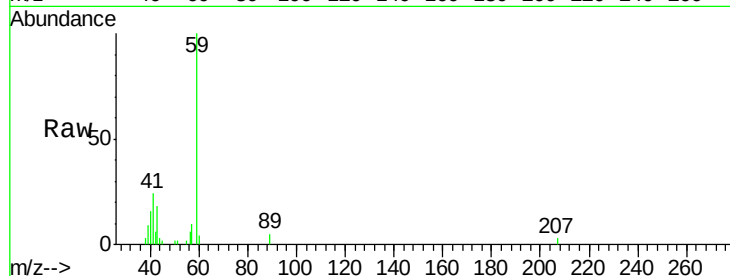
#11
Tert butyl alcohol
Concen: 236.620 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	41963
Ion Ratio	100	Lower	Upper
57	10.3	7.0	10.4

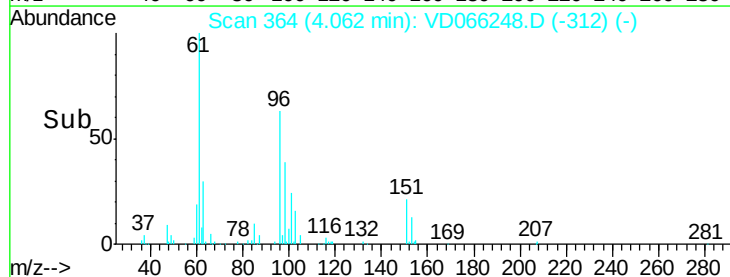
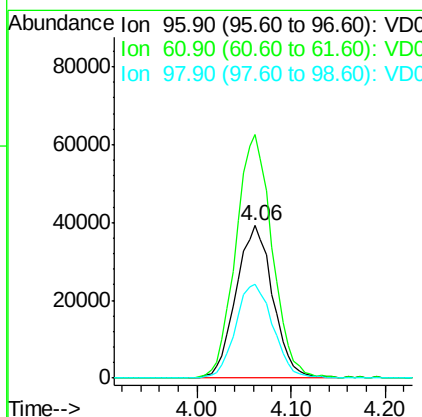
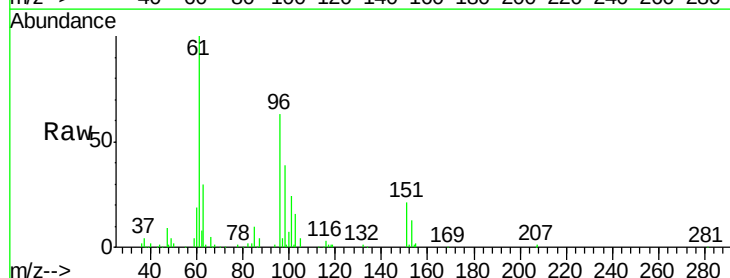
Manual Integrations
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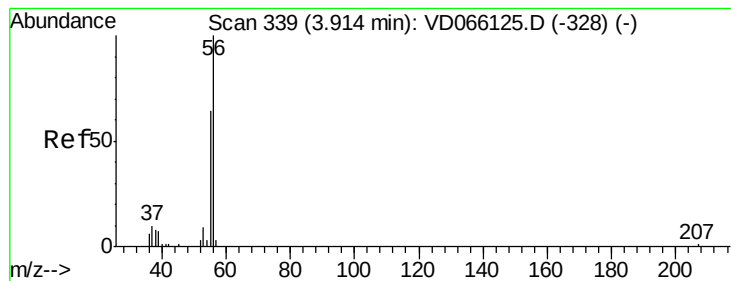
MMDadoda
8/17/2020 5:45:59 PM



#12
1,1-Dichloroethene
Concen: 45.685 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	96	Resp	106788
Ion Ratio	100	Lower	Upper
61	159.7	121.6	182.4
98	61.6	52.0	78.0





#13

Acrolein

Concen: 169.708 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 31809

Ion Ratio Lower Upper

56 100

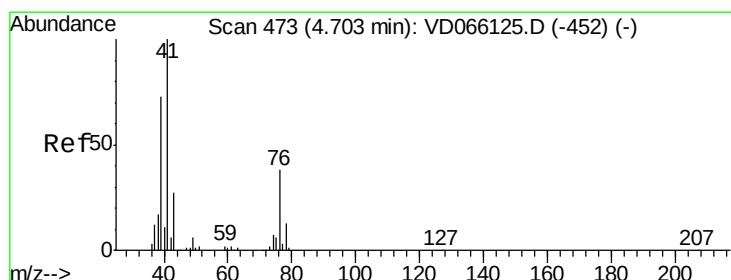
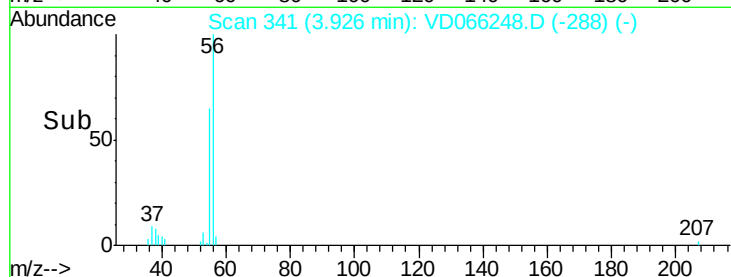
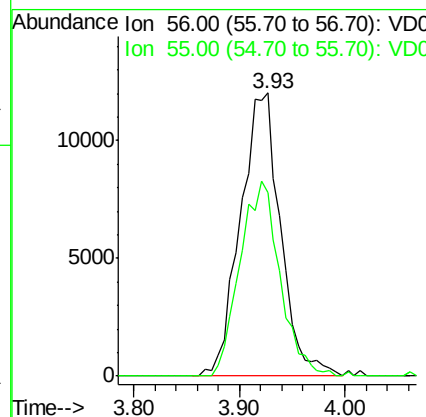
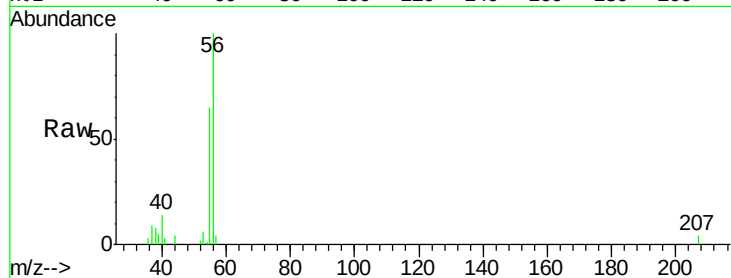
55 68.5 56.7 85.1

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#14

Allyl chloride

Concen: 45.003 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

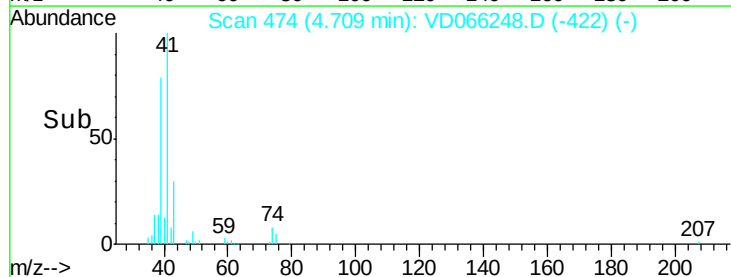
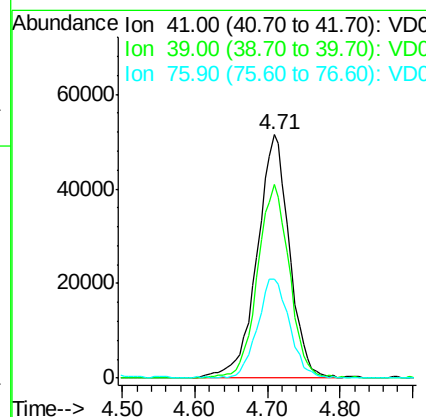
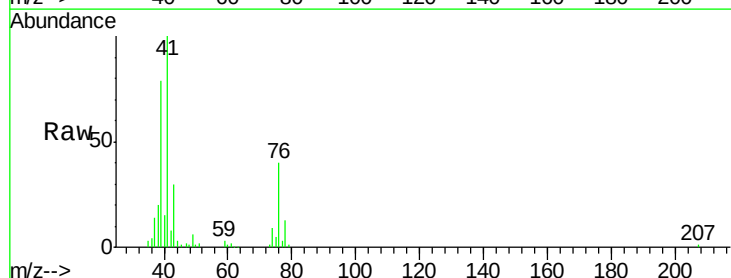
Tgt Ion: 41 Resp: 159365

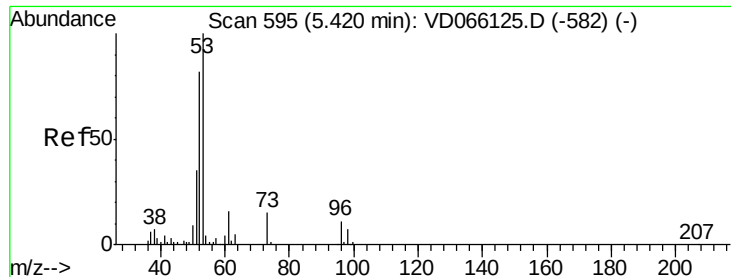
Ion Ratio Lower Upper

41 100

39 78.5 57.4 86.0

76 40.4 30.1 45.1





#15

Acrylonitrile

Concen: 250.879 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

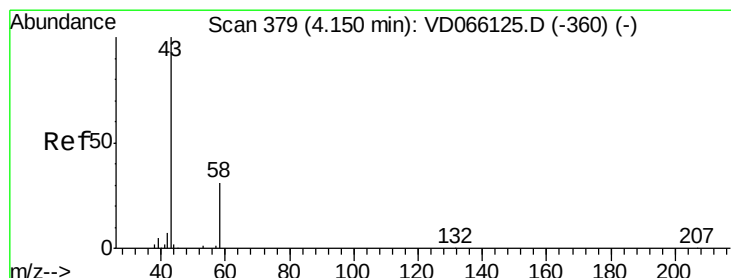
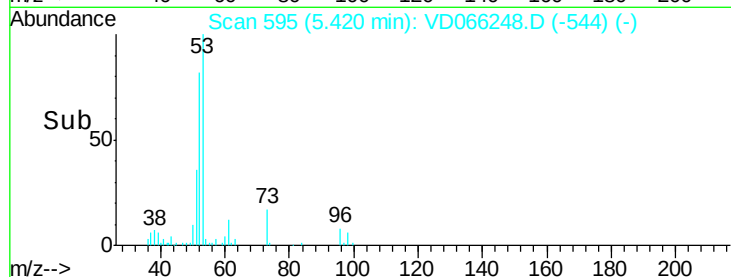
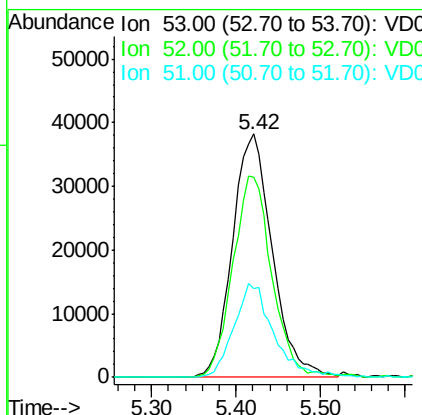
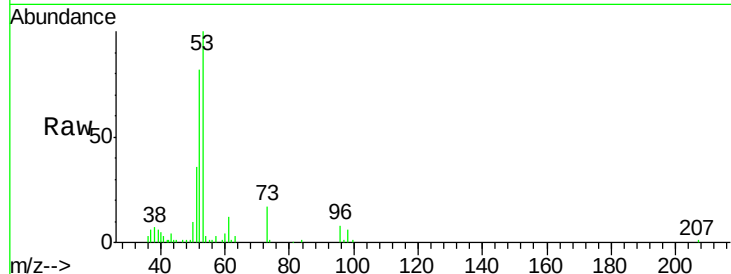
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	124546
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.1	99.1
51	37.6	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 236.624 ug/l

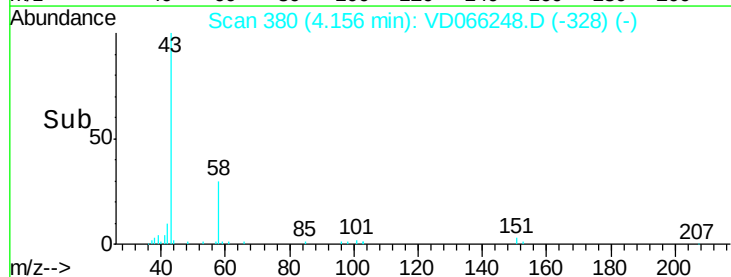
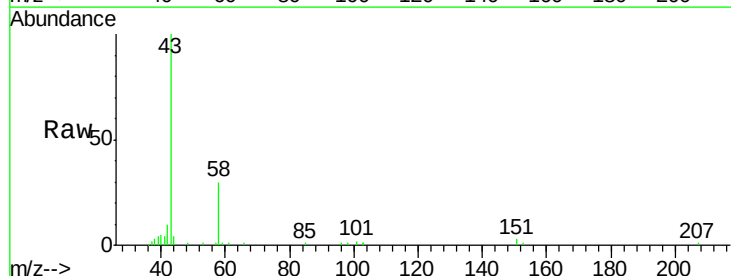
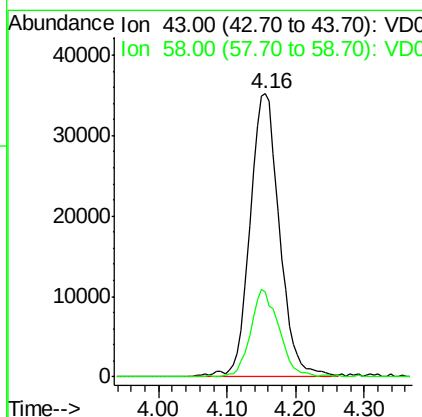
RT: 4.16 min Scan# 380

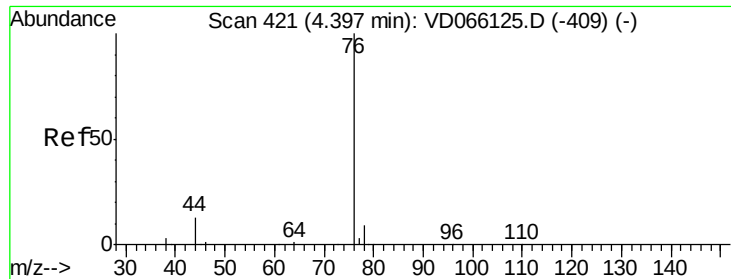
Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion	43	Resp	105723
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.7	37.1





#17

Carbon Disulfide

Concen: 40.884 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 303853

Ion Ratio Lower Upper

76 100

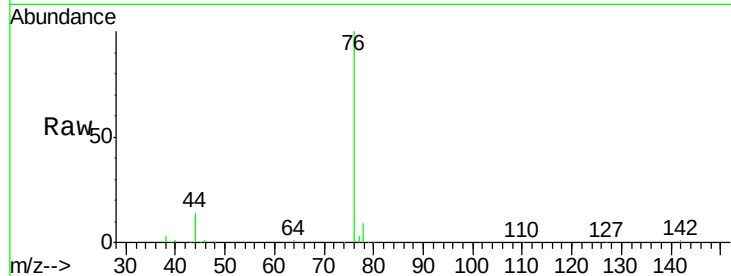
78 8.6 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

120000

100000

80000

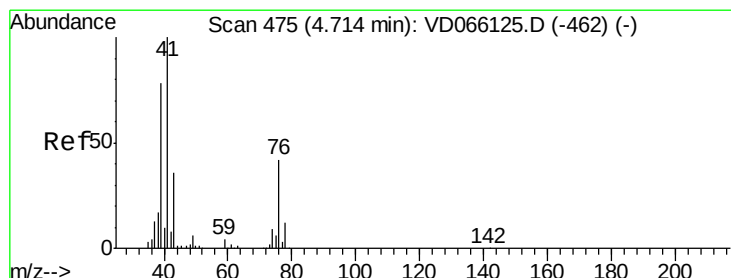
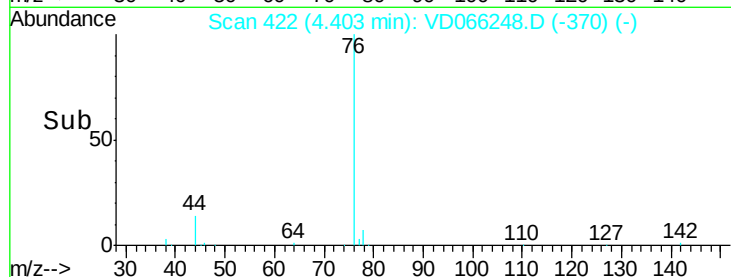
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.394 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066248.D

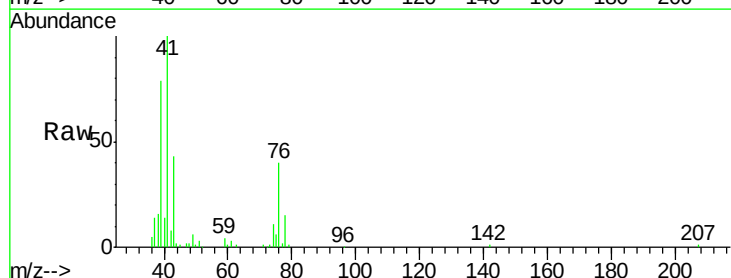
Acq: 14 Aug 2020 20:35

Tgt Ion: 43 Resp: 53786

Ion Ratio Lower Upper

43 100

74 24.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

20000

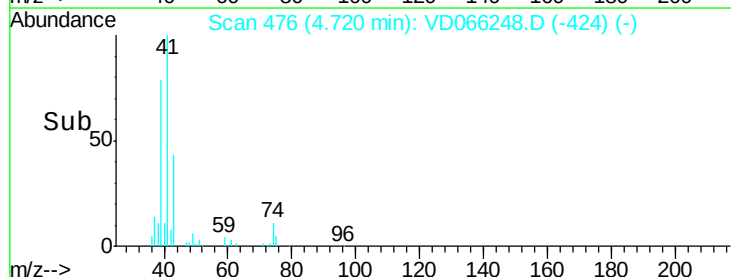
15000

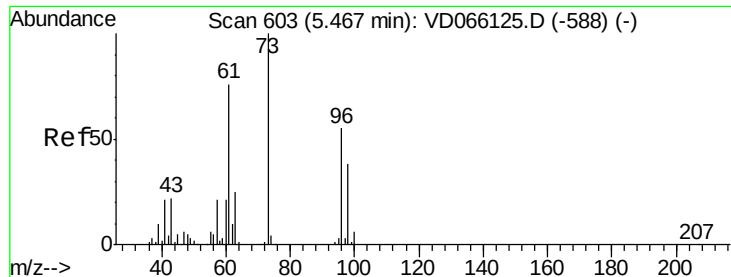
10000

5000

0

Time-->





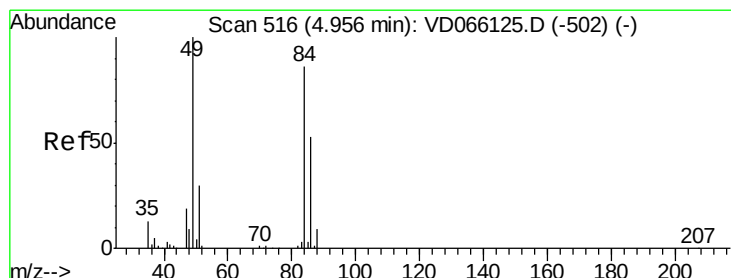
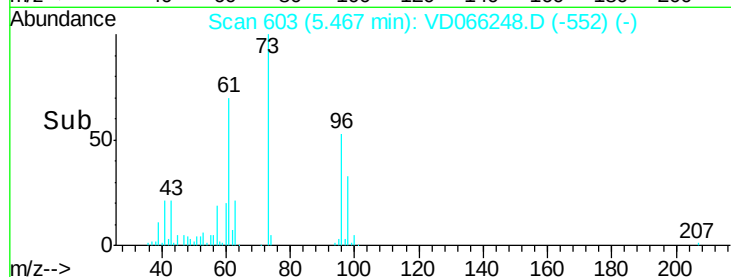
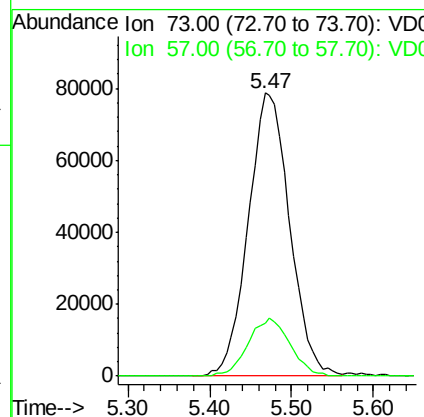
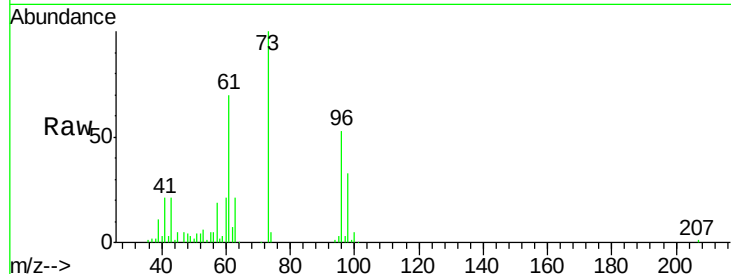
#19
Methyl tert-butyl Ether
Concen: 51.770 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 277367
Ion Ratio Lower Upper
73 100
57 18.7 17.1 25.7

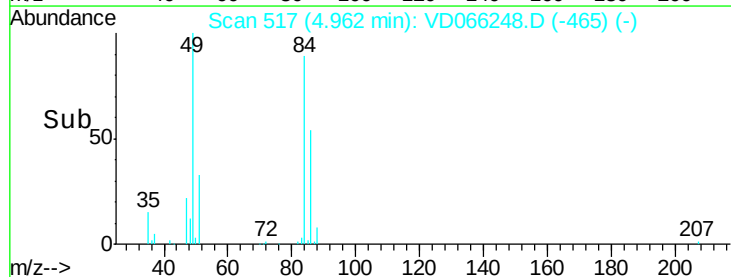
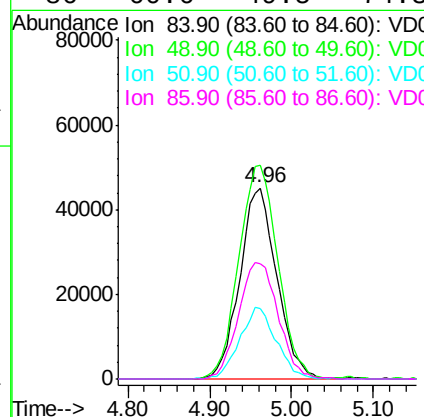
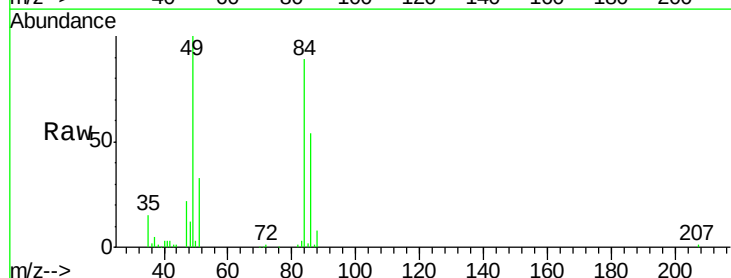
Manual Integrations
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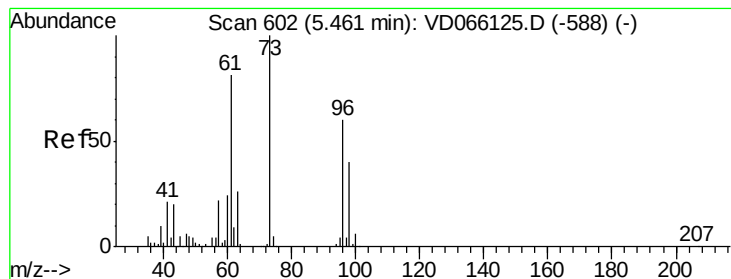
MMDadoda
8/17/2020 5:45:59 PM



#20
Methylene Chloride
Concen: 56.142 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion: 84 Resp: 142587
Ion Ratio Lower Upper
84 100
49 111.9 93.5 140.3
51 36.8 28.2 42.4
86 60.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 45.667 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

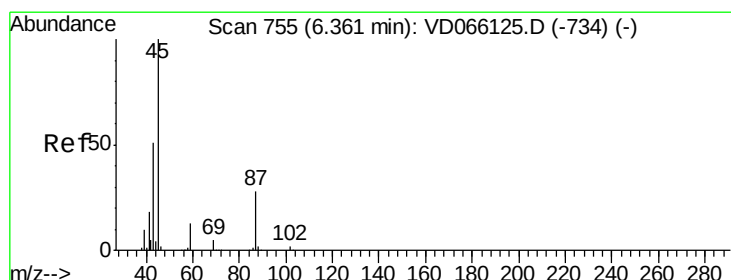
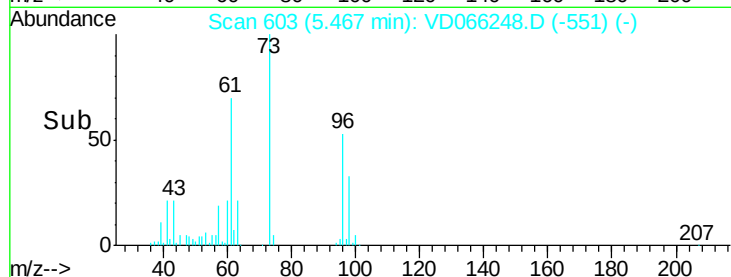
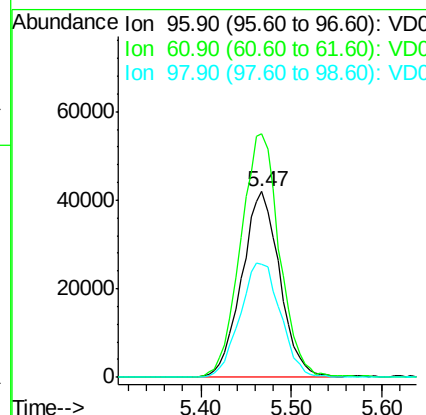
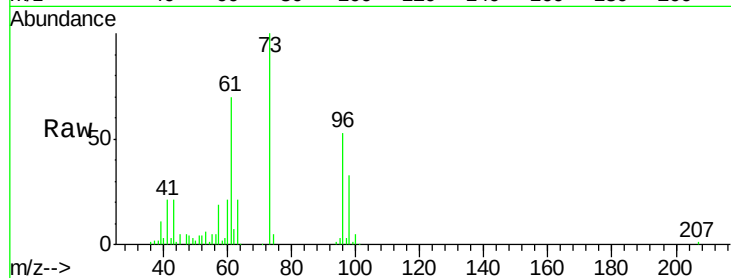
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	122627
Ion	Ratio	Lower	Upper
96	100		
61	131.1	106.9	160.3
98	61.2	53.4	80.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.707 ug/l

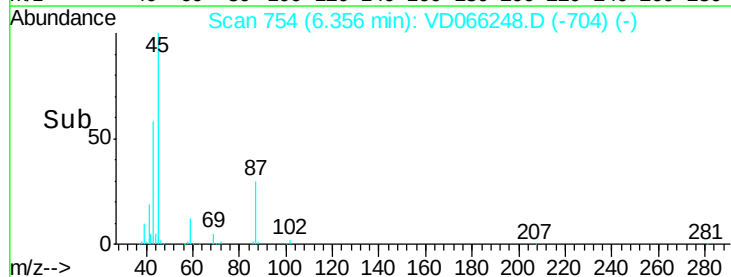
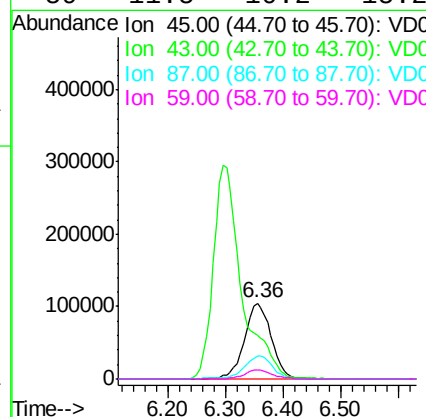
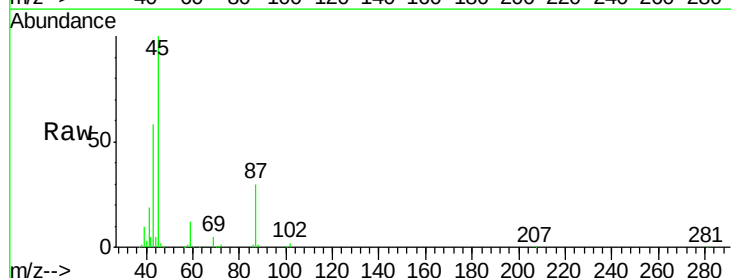
RT: 6.36 min Scan# 754

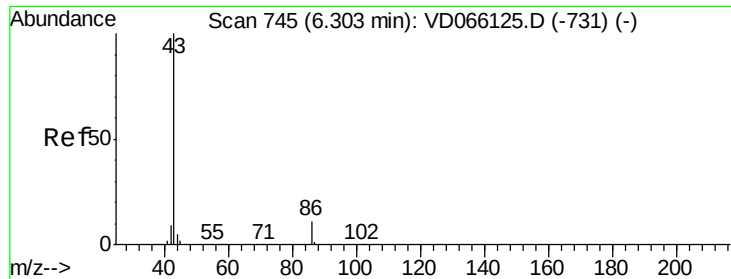
Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	45	Resp:	341087
Ion	Ratio	Lower	Upper
45	100		
43	57.3	41.2	61.8
87	30.4	22.8	34.2
59	11.5	10.2	15.2





#23

Vinyl Acetate

Concen: 246.001 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1009232

Ion Ratio Lower Upper

43 100

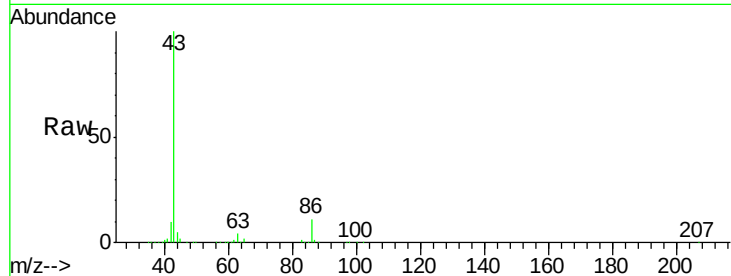
86 10.8 9.1 13.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

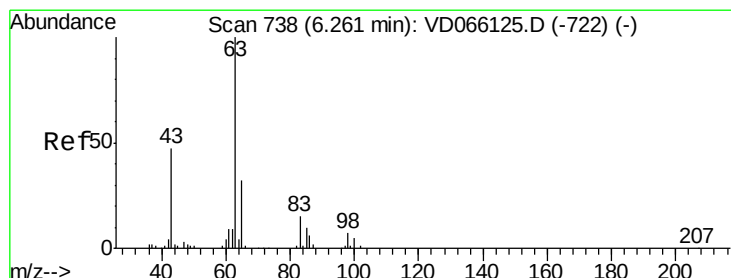
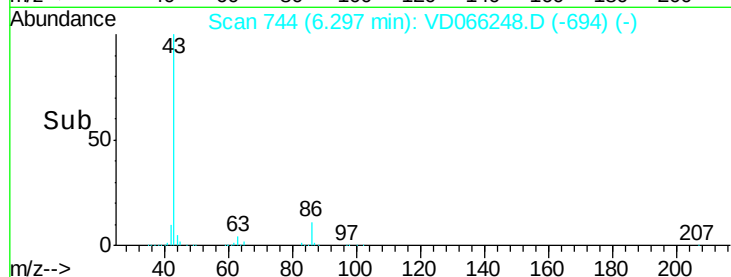
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.529 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

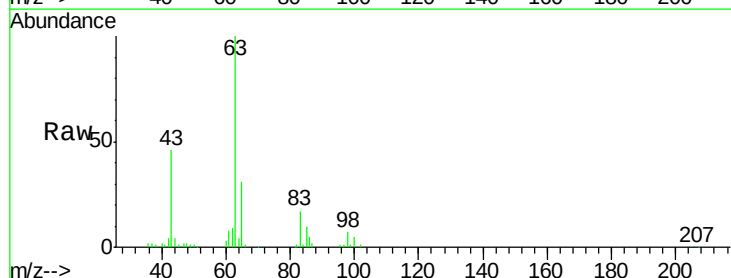
Tgt Ion: 63 Resp: 210315

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

80000

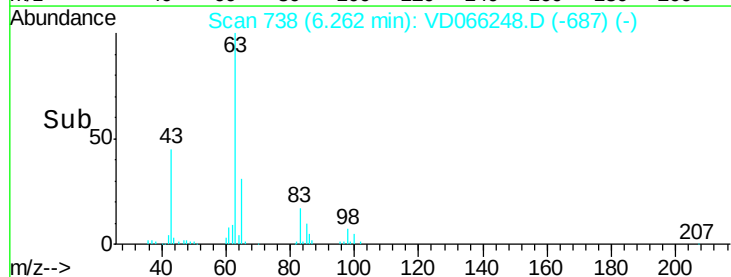
60000

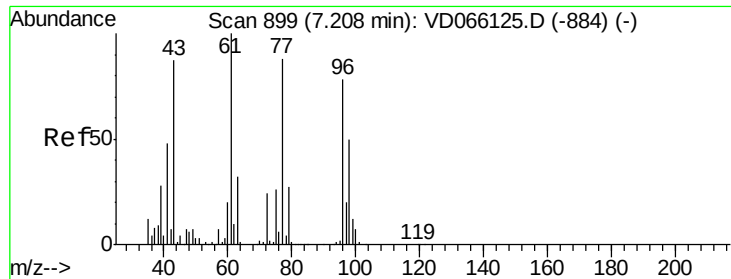
40000

20000

0

Time-->





#25

2-Butanone

Concen: 227.319 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 149384

Ion Ratio Lower Upper

43 100

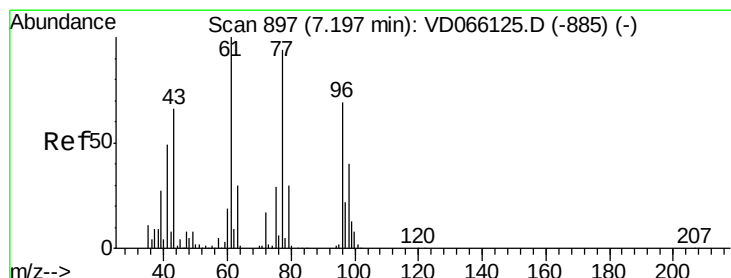
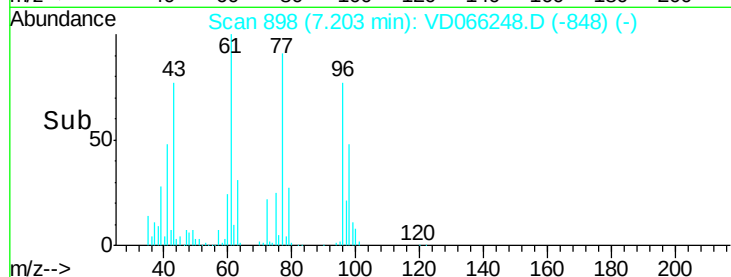
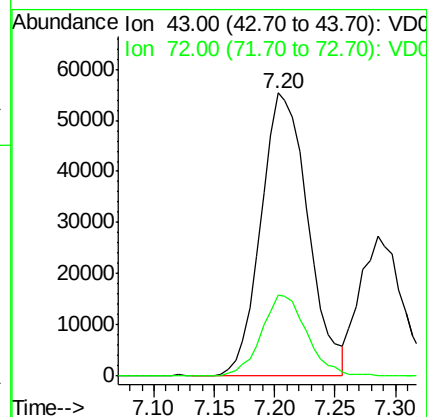
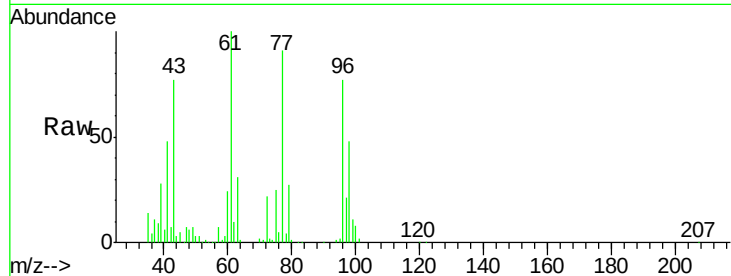
72 28.7 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.302 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066248.D

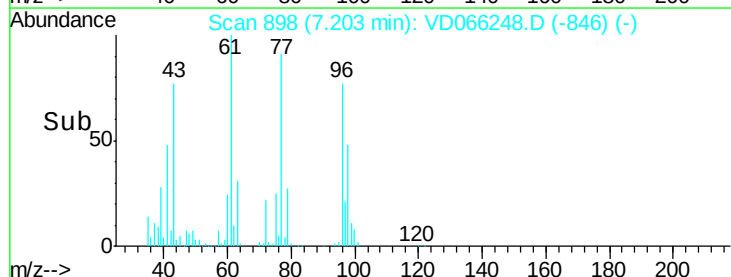
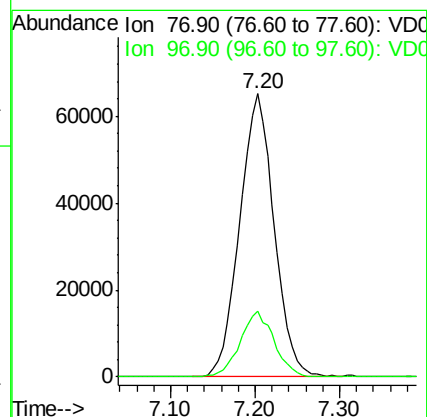
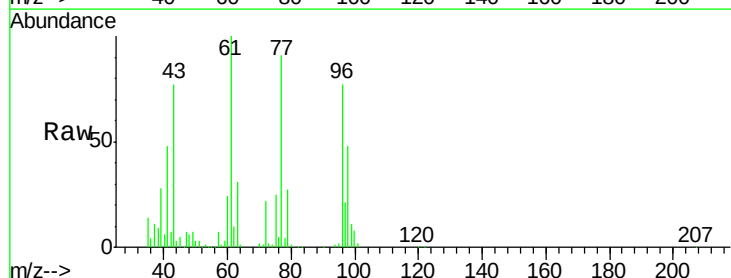
Acq: 14 Aug 2020 20:35

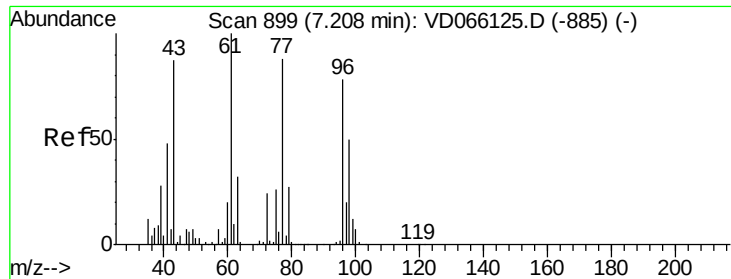
Tgt Ion: 77 Resp: 183735

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.3





#27

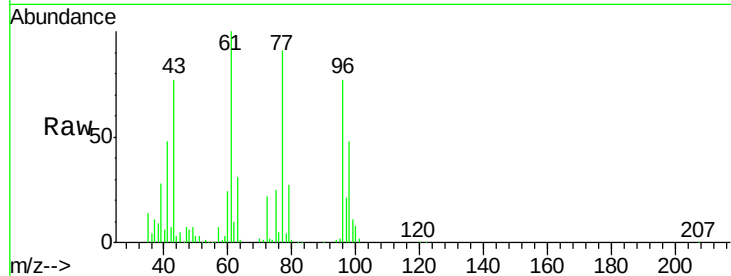
cis-1,2-Dichloroethene
 Concen: 49.494 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139399		
61	137.6	0.0	281.6	
98	66.5	0.0	130.8	

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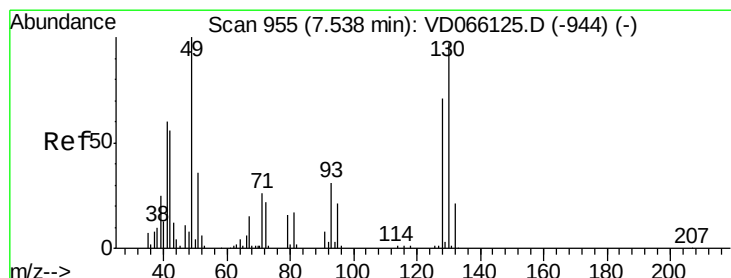
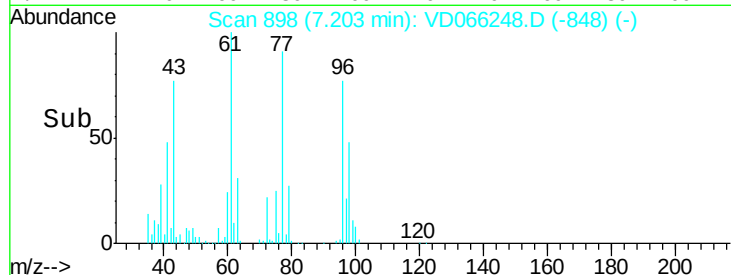
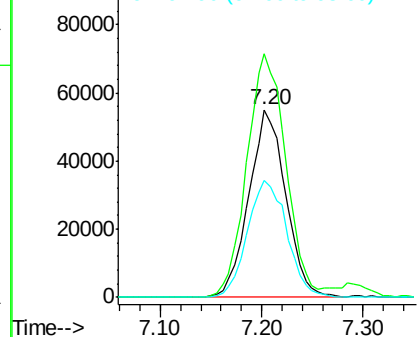


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

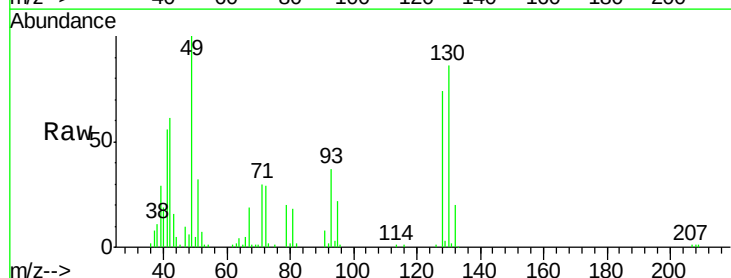
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane
 Concen: 51.905 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79007		
129	3.1	0.0	6.0	
130	94.9	73.8	110.6	

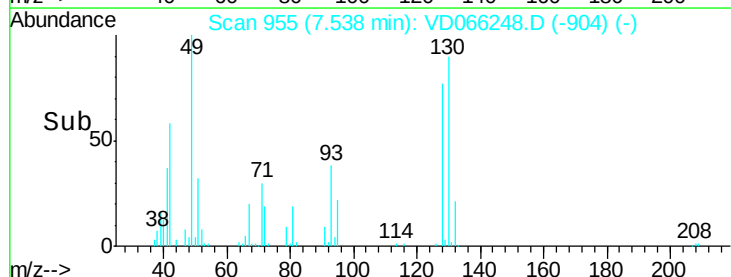
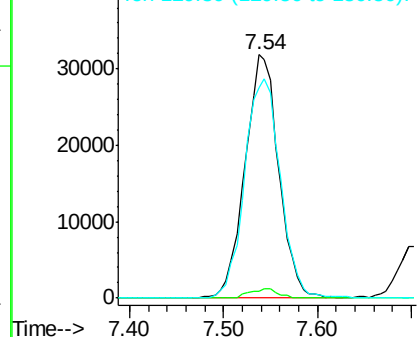


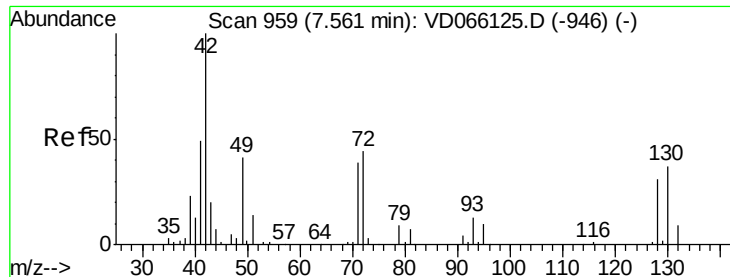
Abundance

Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





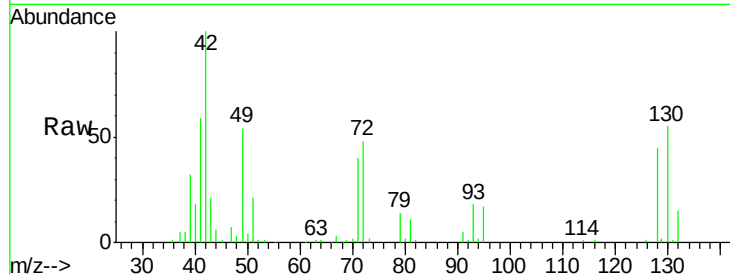
#29
Tetrahydrofuran
Concen: 241.847 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

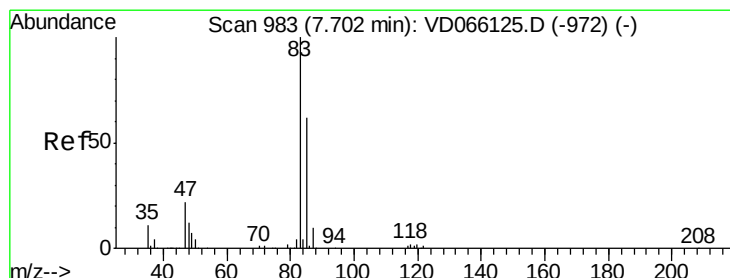
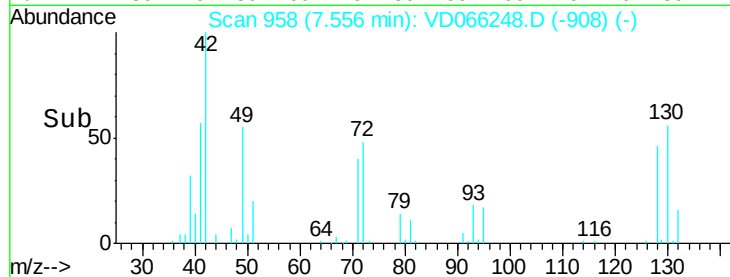
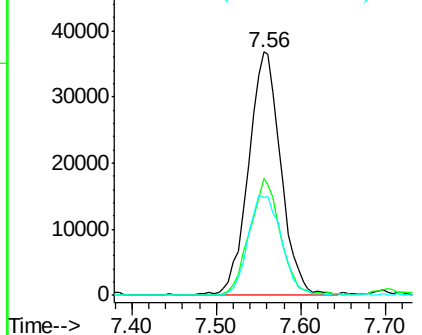
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.8	52.2
71	42.3	33.5	50.3

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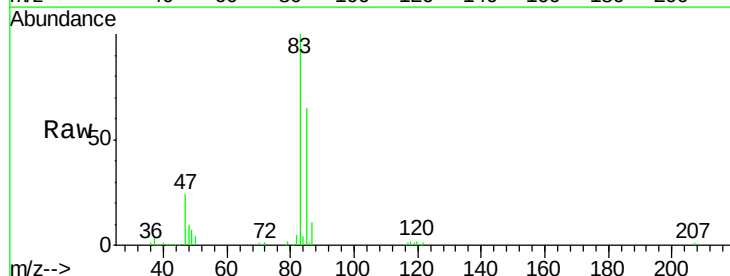


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

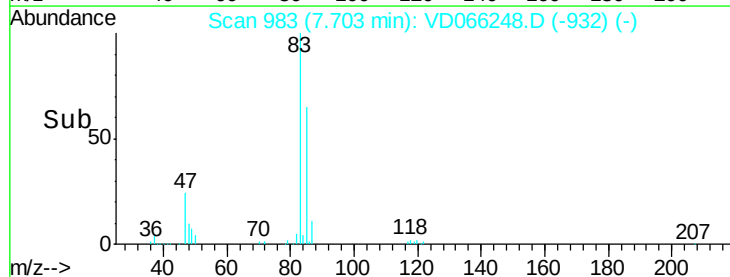
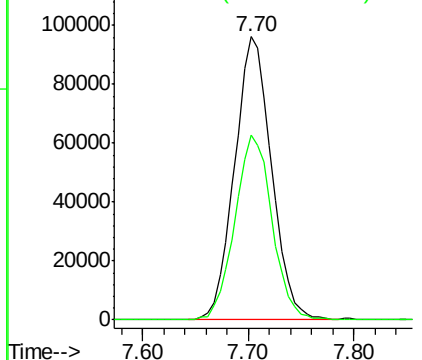


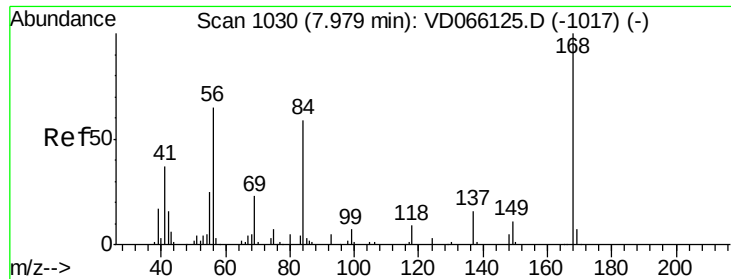
#30
Chloroform
Concen: 51.215 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.5	74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





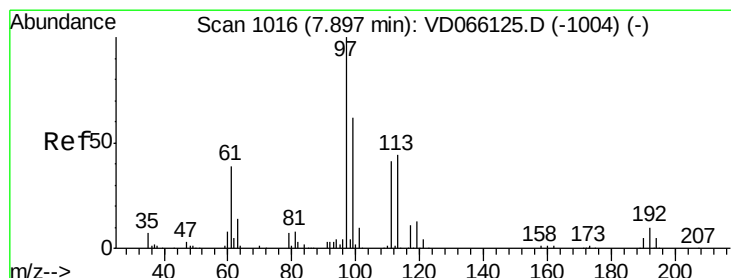
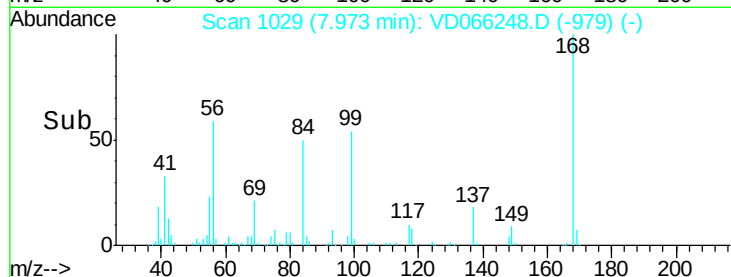
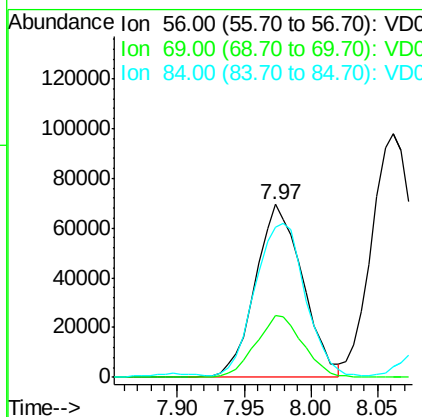
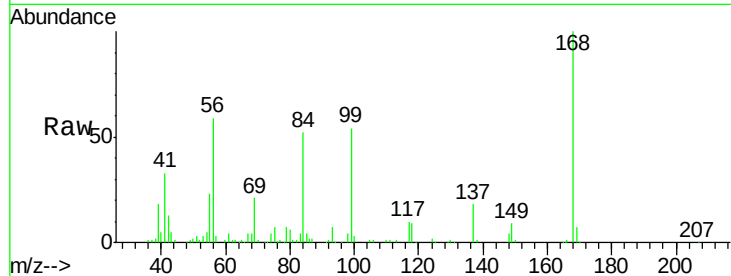
#31
Cyclohexane
Concen: 41.534 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	28.8	43.2
84	85.3	73.0	109.6

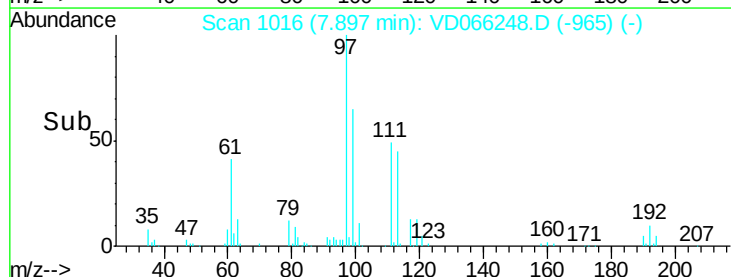
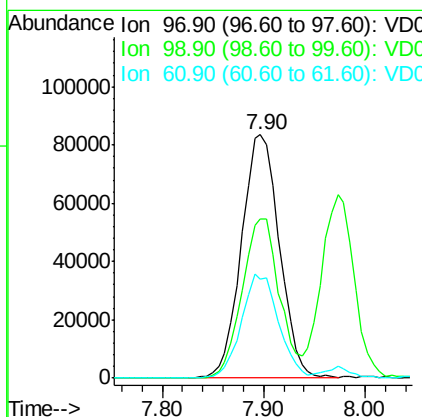
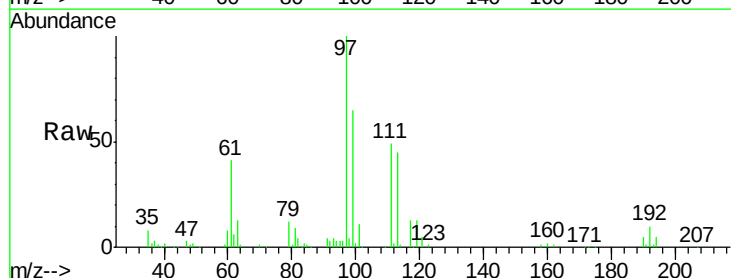
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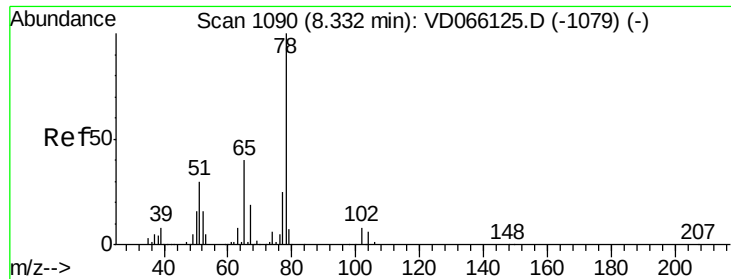
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.884 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	41.8	32.7	49.1





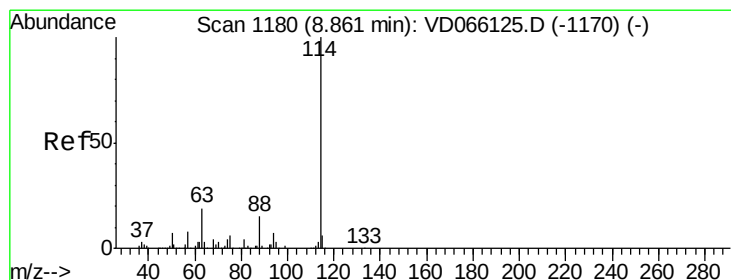
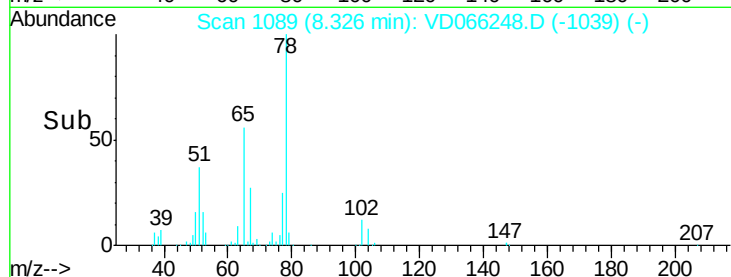
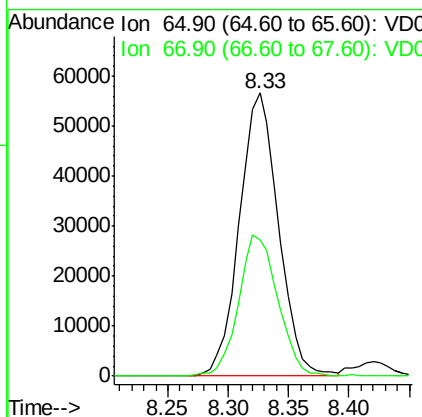
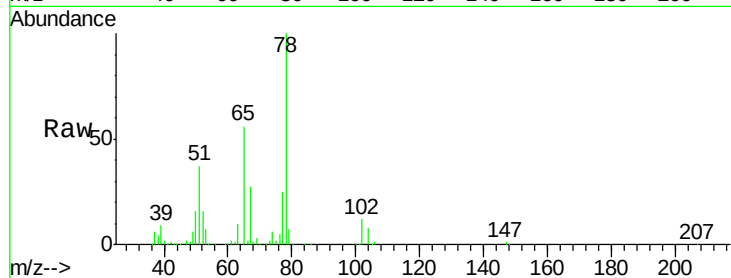
#33
 1,2-Dichloroethane-d4
 Concen: 54.116 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127429		
67	50.3	0.0	104.6	

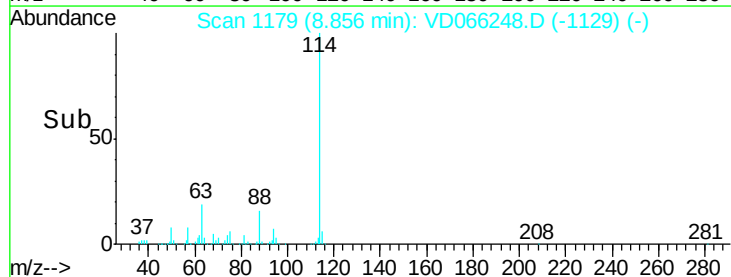
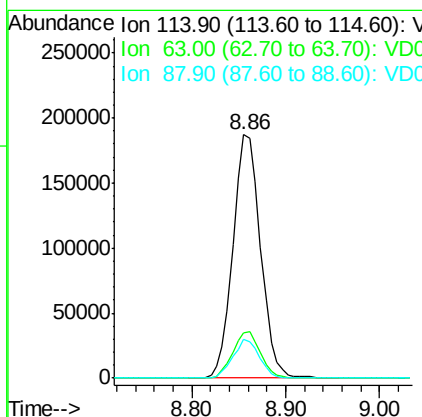
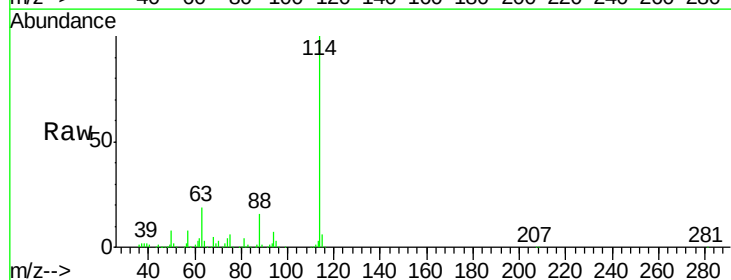
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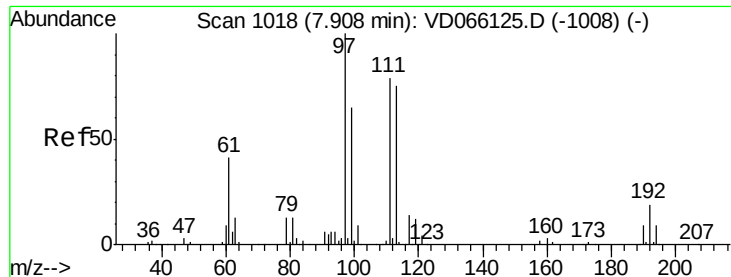
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382379		
63	18.8	0.0	38.6	
88	15.9	0.0	30.0	





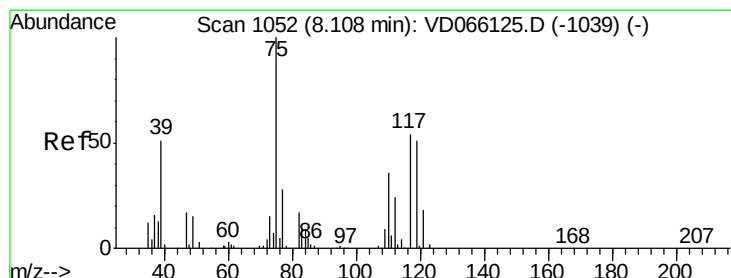
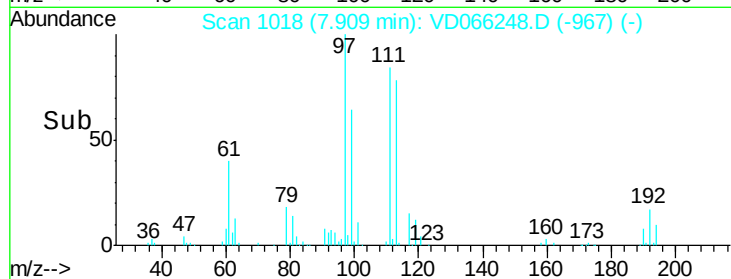
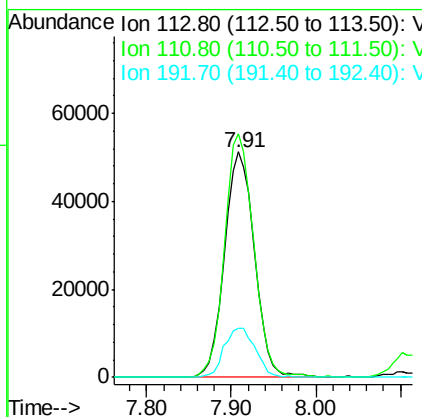
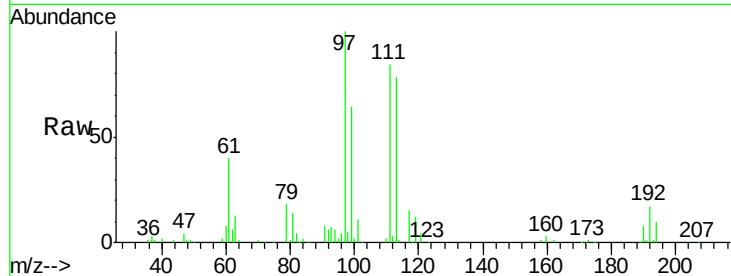
#35
 Dibromofluoromethane
 Concen: 51.602 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124997		
111	105.0	80.7	121.1	
192	22.7	18.4	27.6	

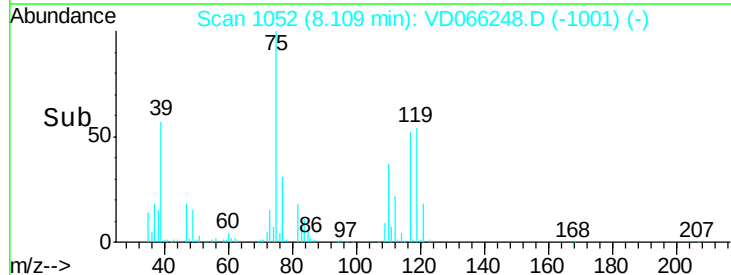
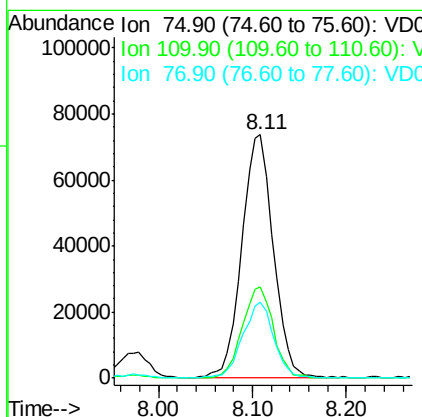
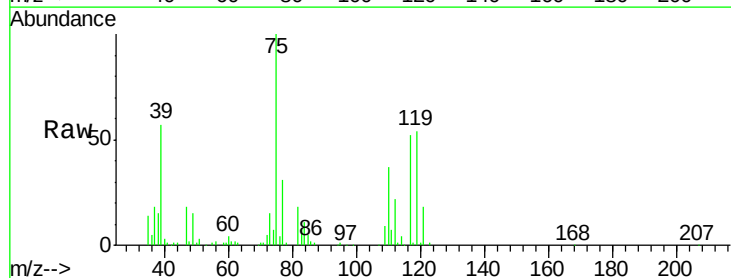
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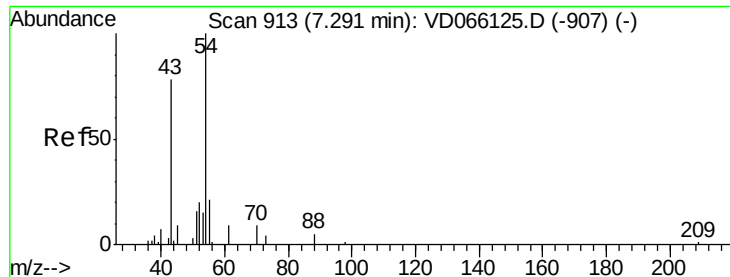
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#36
 1,1-Dichloropropene
 Concen: 47.416 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170376		
110	37.1	18.8	56.3	
77	31.0	24.2	36.2	





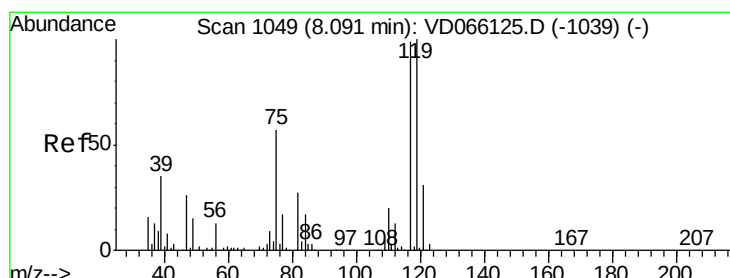
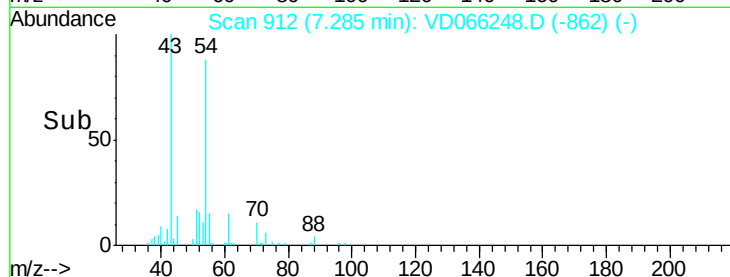
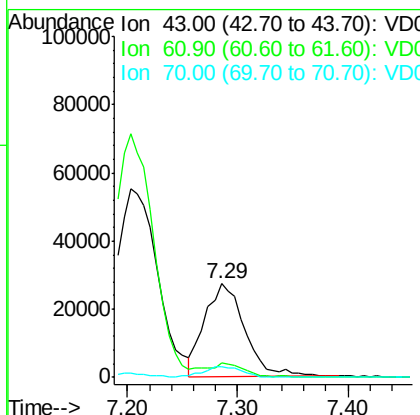
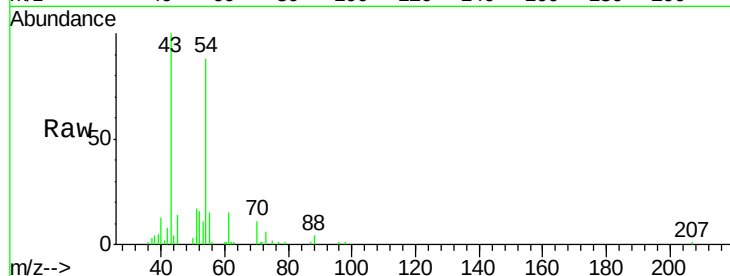
#37
Ethyl Acetate
Concen: 48.161 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	12.0	18.0
70	11.0	9.7	14.5

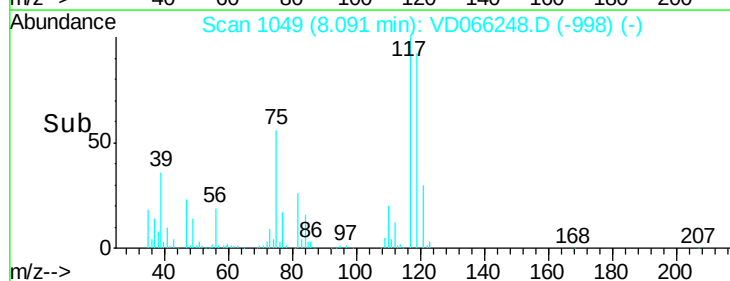
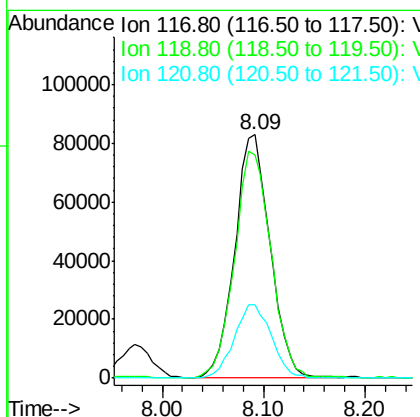
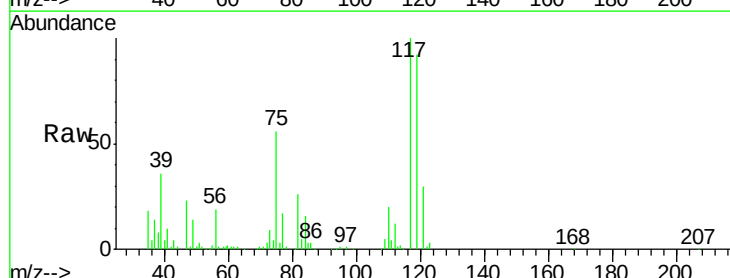
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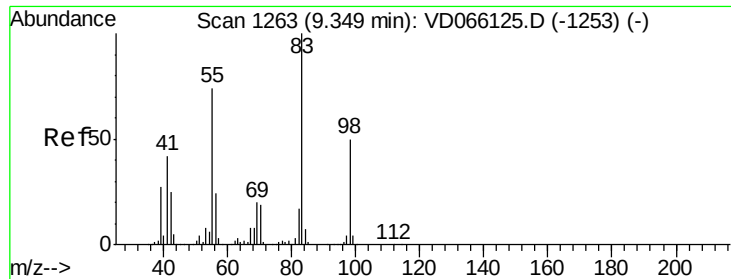
MMDadoda
8/17/2020 5:45:59 PM



#38
Carbon Tetrachloride
Concen: 50.263 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	81.0	121.4
121	30.3	24.8	37.2





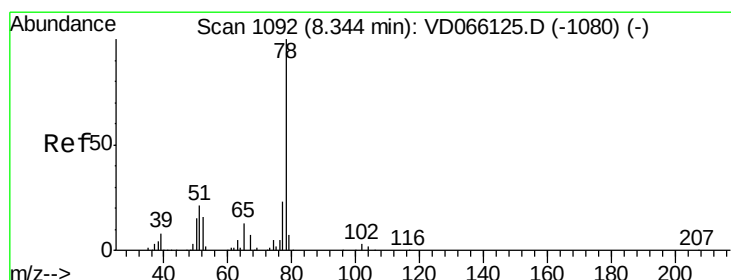
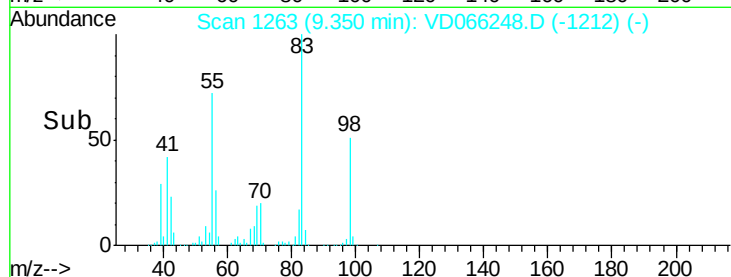
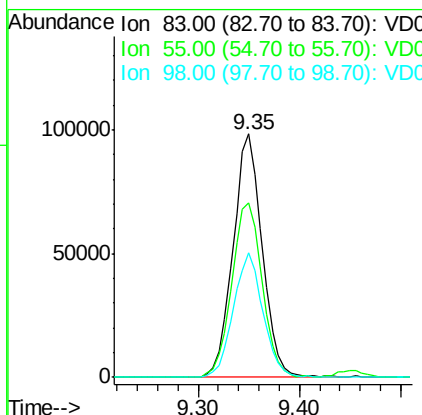
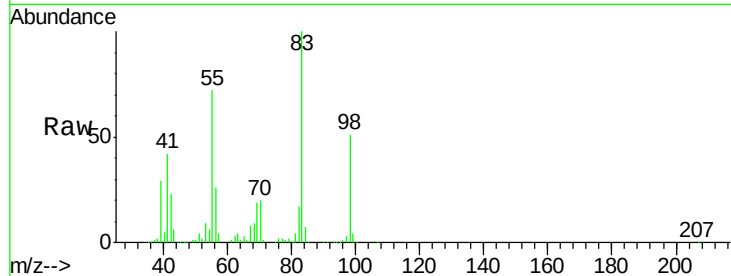
#39
Methylvlcyclohexane
Concen: 45.156 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	196141
Ion	Ratio	Lower	Upper
83	100		
55	71.6	59.2	88.8
98	51.3	39.8	59.6

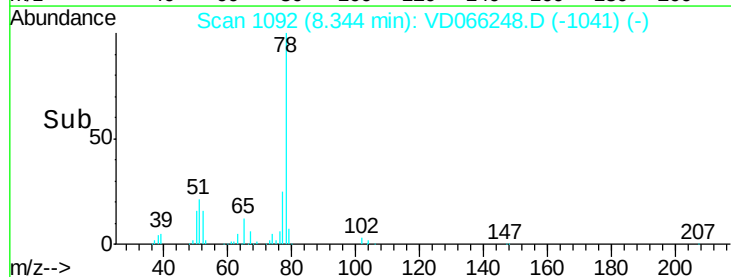
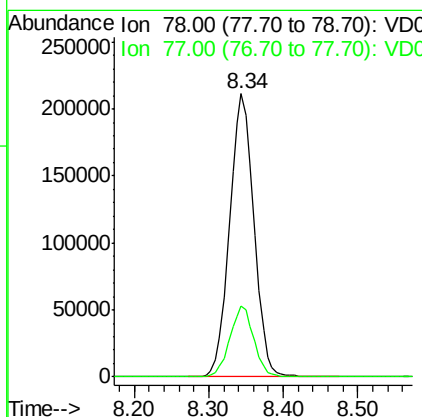
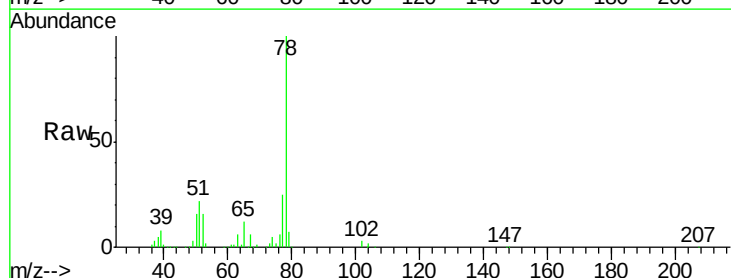
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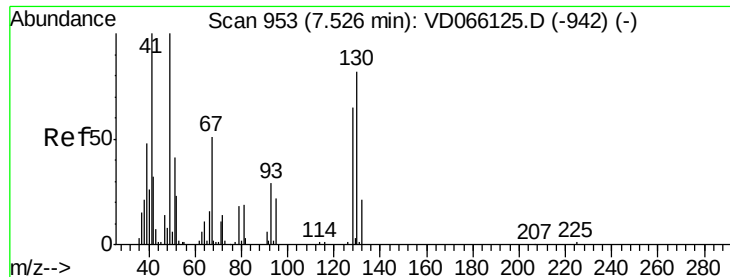
MMDadoda
8/17/2020 5:45:59 PM



#40
Benzene
Concen: 48.043 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	78	Resp	478887
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.6	27.8





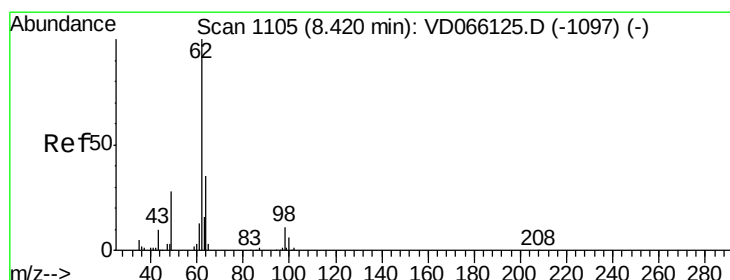
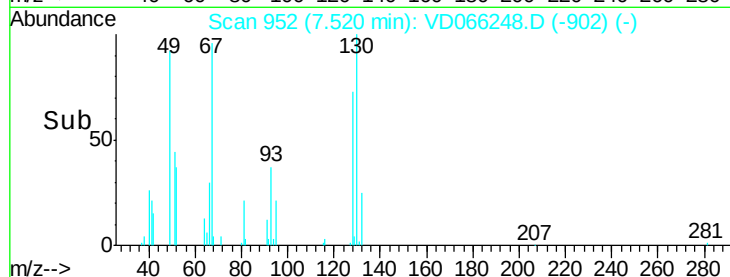
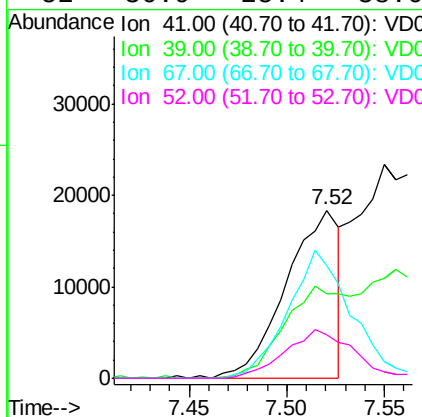
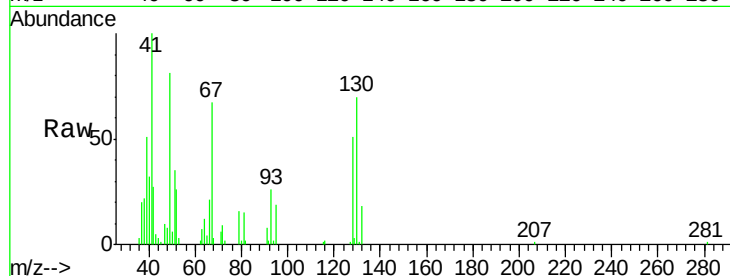
#41
Methacrylonitrile
Concen: 41.812 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.4	47.5	71.3
67	89.8	59.1	88.7
52	36.9	25.4	38.0

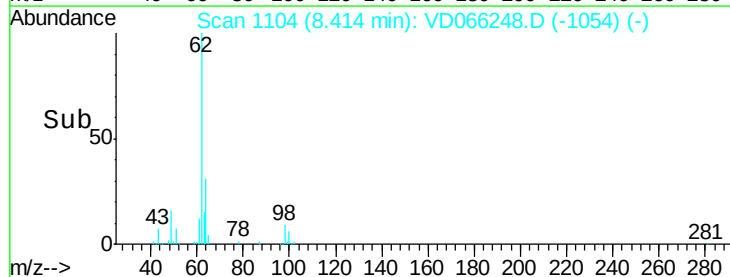
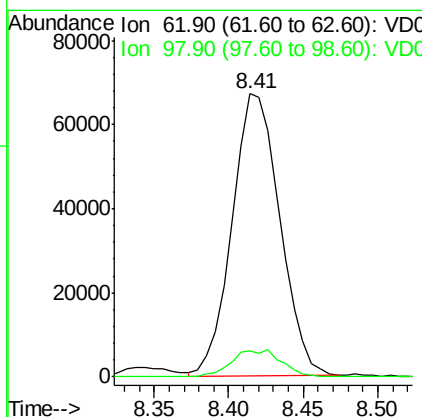
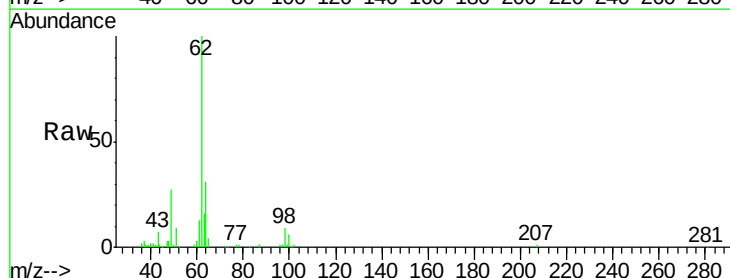
Manual Integrations
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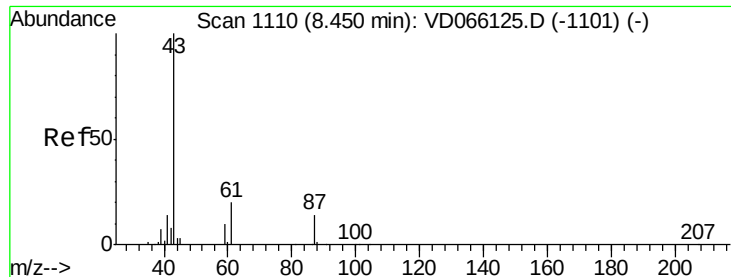
MMDadoda
8/17/2020 5:45:59 PM



#42
1,2-Dichloroethane
Concen: 51.042 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.147 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

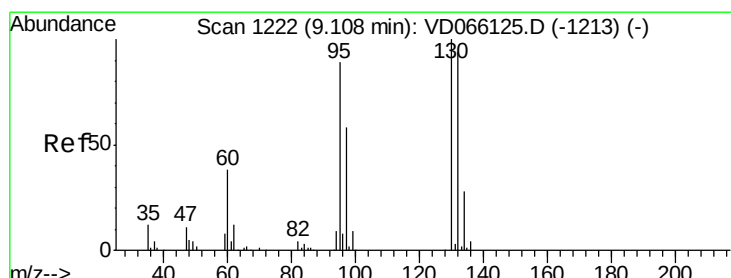
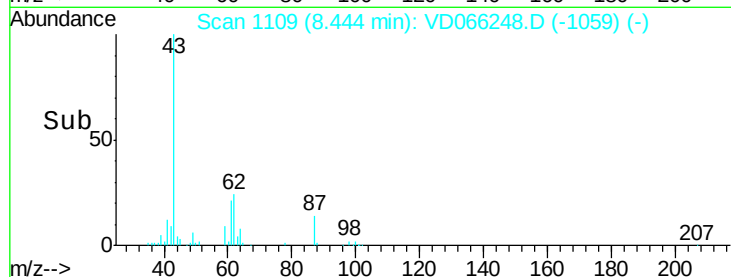
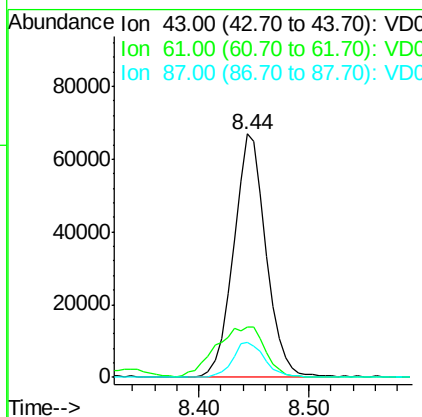
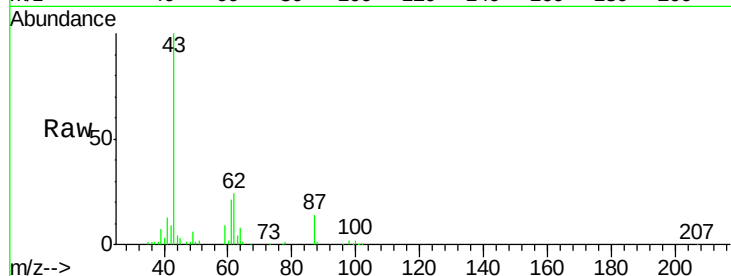
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	137860
Ion	Ratio	Lower	Upper
43	100		
61	31.3	25.5	38.3
87	14.2	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 47.753 ug/l

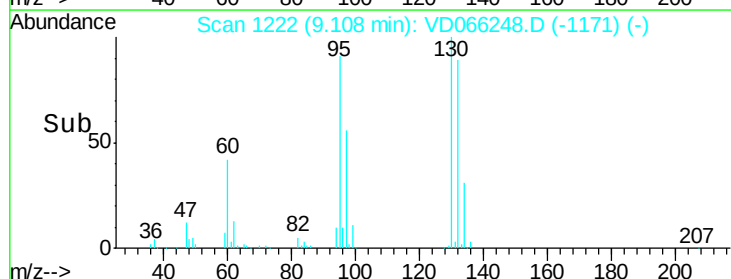
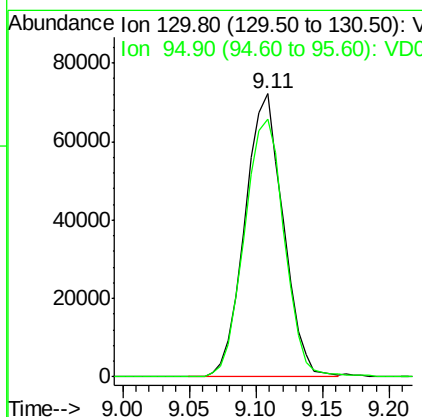
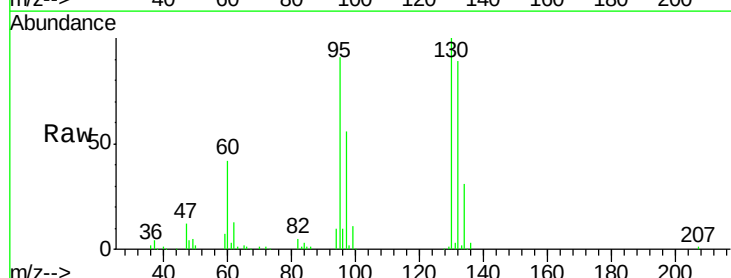
RT: 9.11 min Scan# 1222

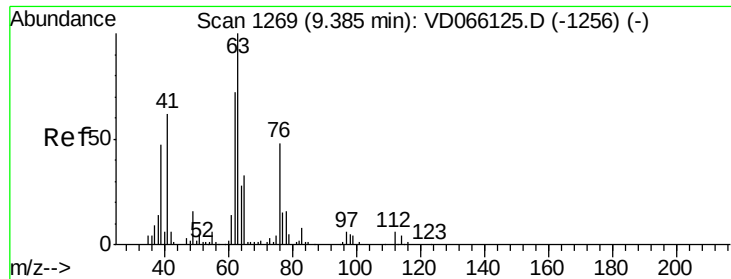
Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	130	Resp:	143434
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	178.4





#45

1,2-Dichloropropane

Concen: 48.992 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 119436

Ion Ratio Lower Upper

63 100

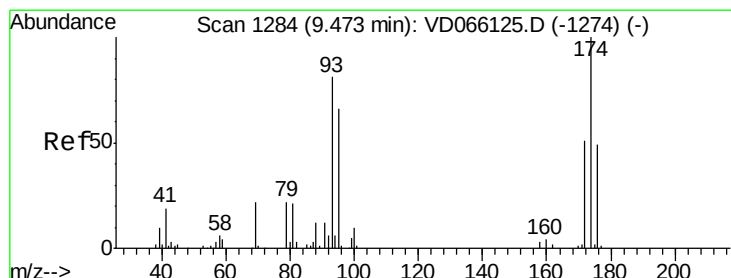
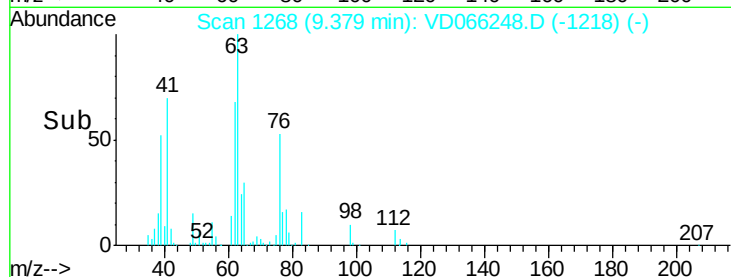
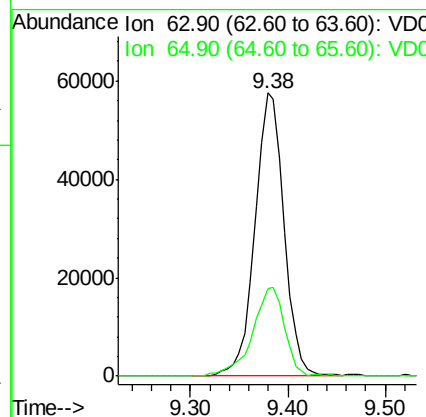
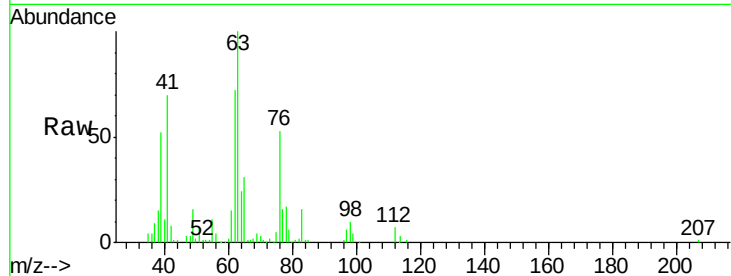
65 30.9 26.5 39.7

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#46

Dibromomethane

Concen: 50.646 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

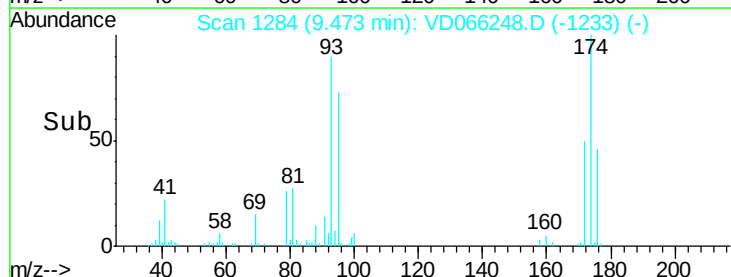
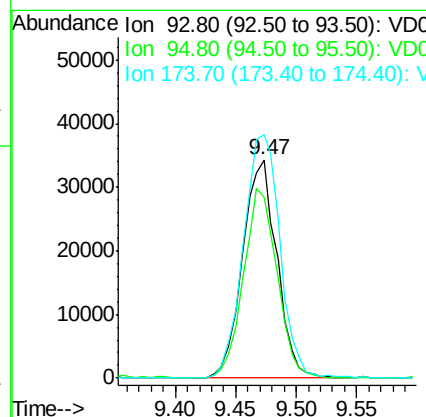
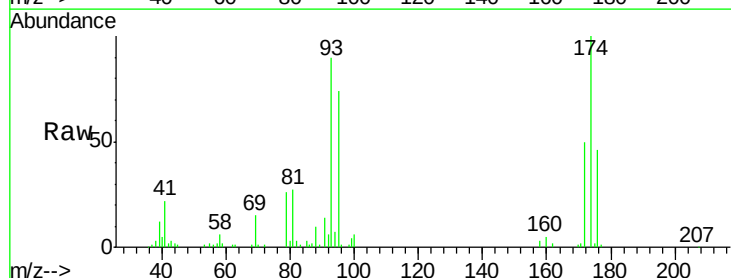
Tgt Ion: 93 Resp: 68010

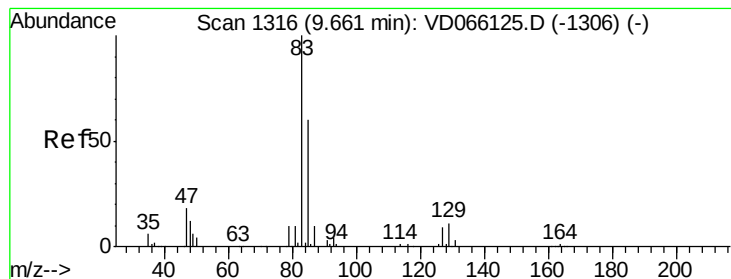
Ion Ratio Lower Upper

93 100

95 85.3 65.8 98.6

174 119.5 92.8 139.2





#47

Bromodichloromethane

Concen: 52.406 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

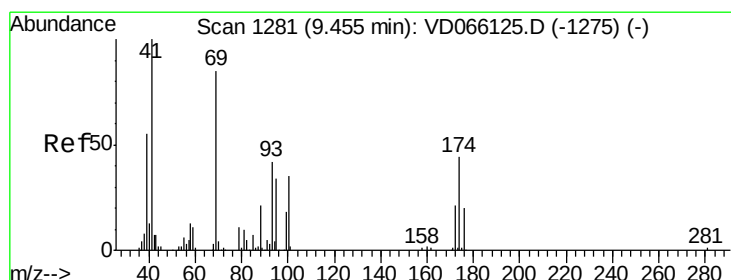
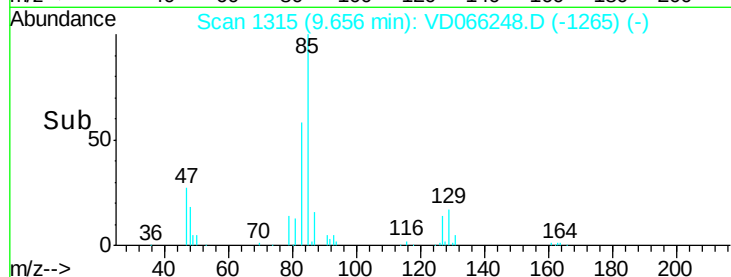
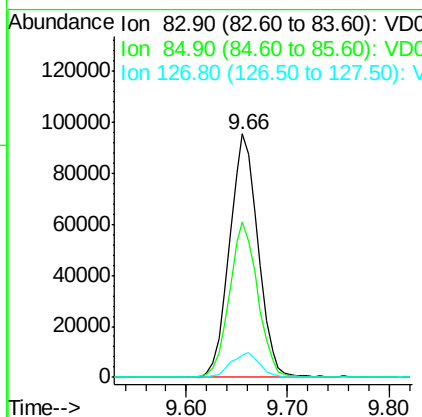
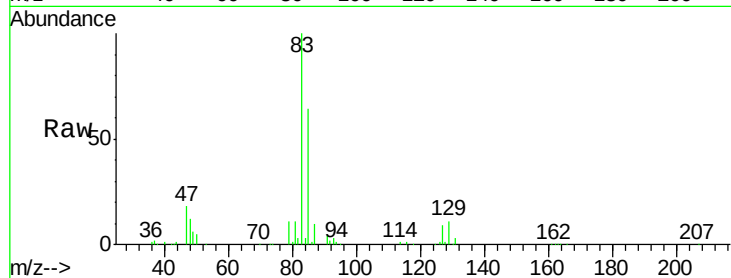
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	185994
Ion	Ratio	Lower	Upper
83	100		
85	64.0	48.2	72.4
127	9.2	7.3	10.9

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#48

Methyl methacrylate

Concen: 46.774 ug/l

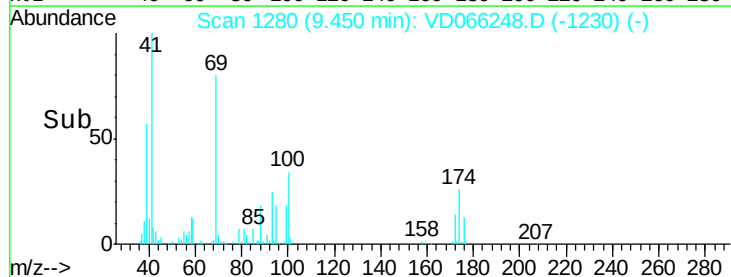
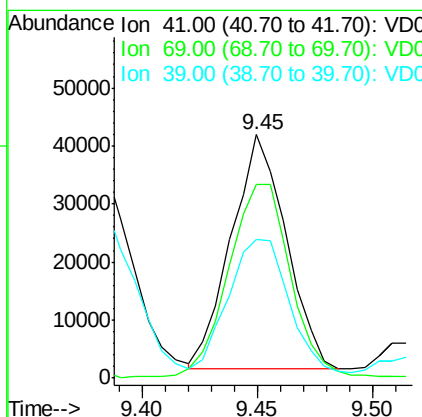
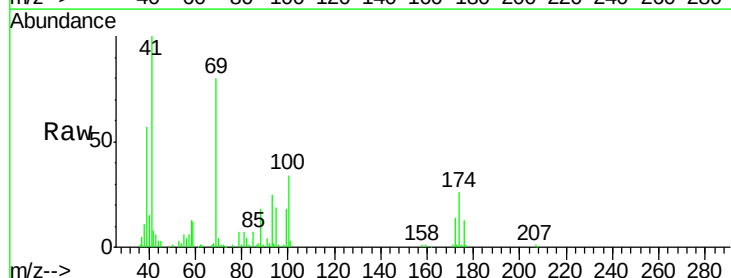
RT: 9.45 min Scan# 1280

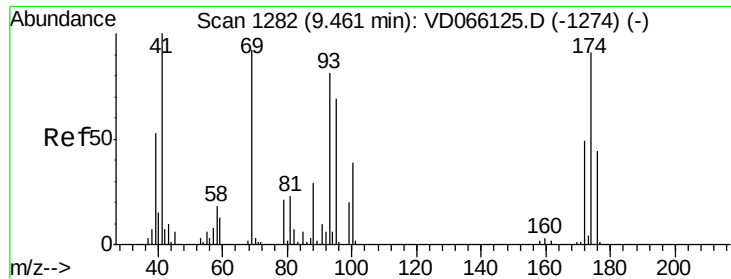
Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	41	Resp:	66996
Ion	Ratio	Lower	Upper
41	100		
69	92.5	63.9	95.9
39	62.5	42.6	64.0





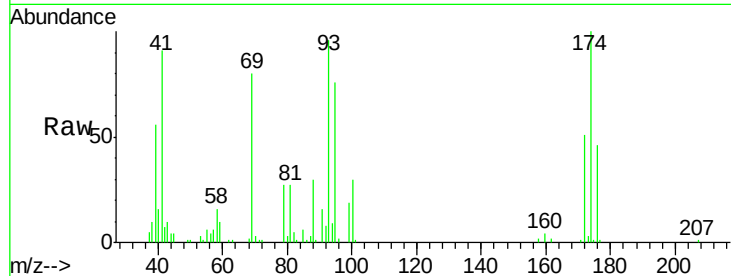
#49
1,4-Dioxane
Concen: 1036.684 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

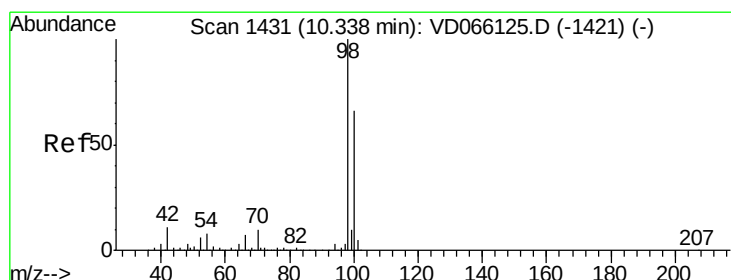
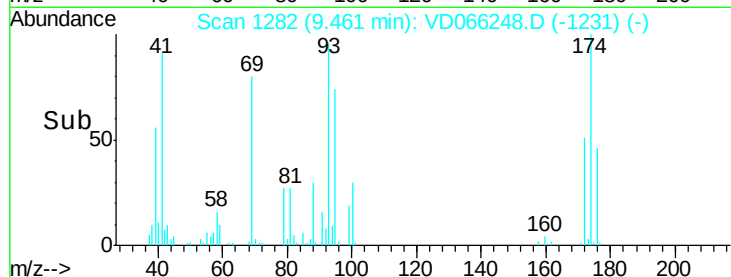
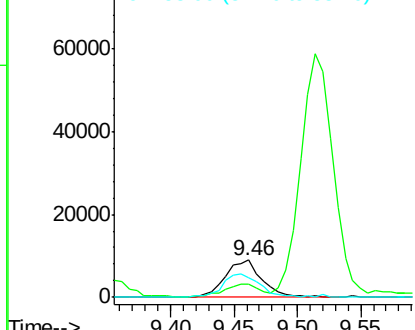
Tot Ion	88	Resp	17885
Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.5	41.3
58	65.0	50.2	75.4

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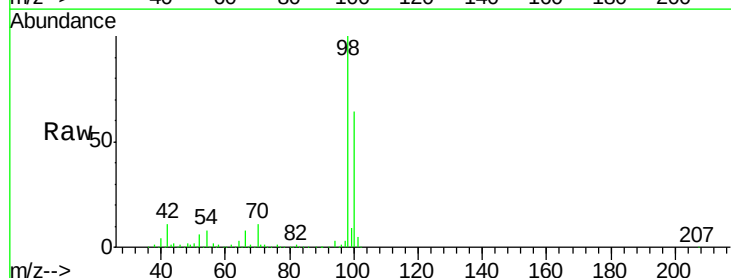


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

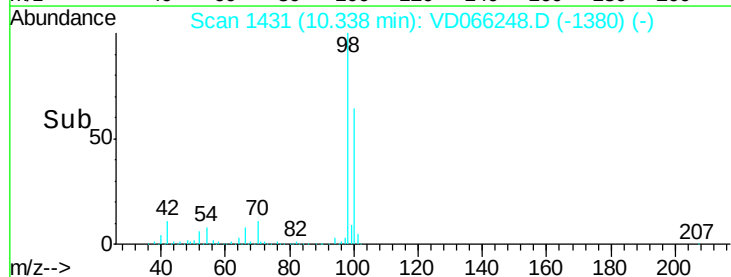
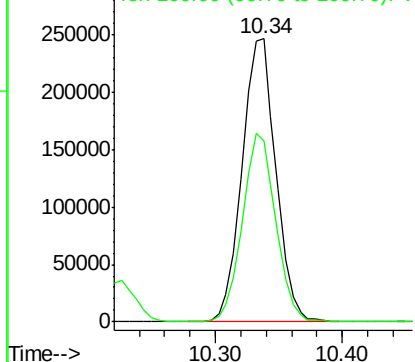


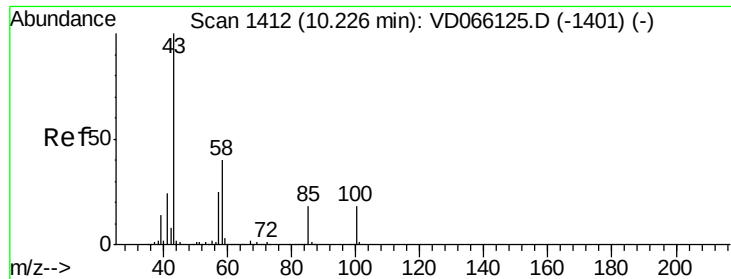
#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	98	Resp	456333
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 252.791 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 364232

Ion Ratio Lower Upper

43 100

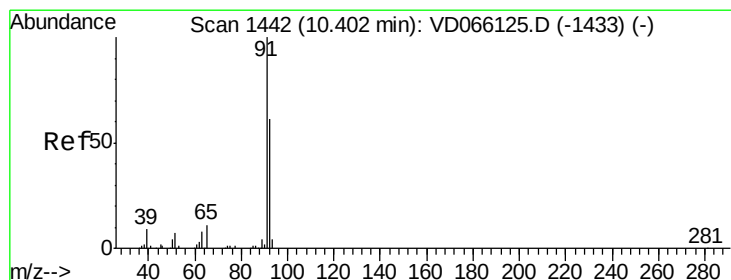
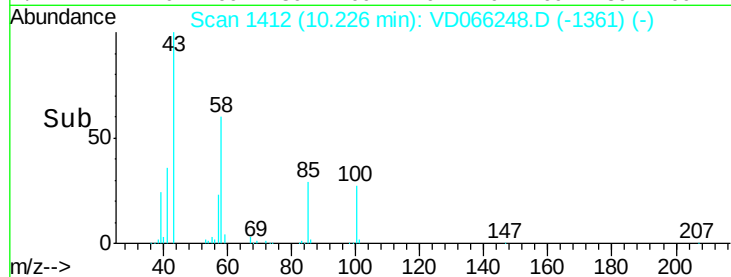
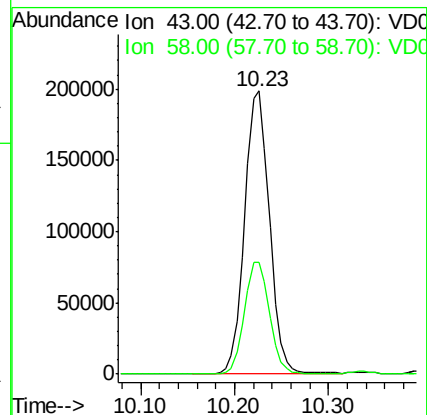
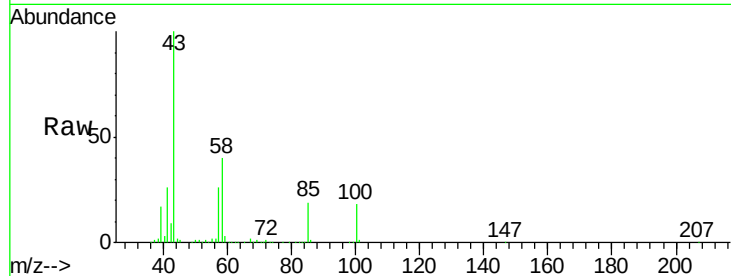
58 40.1 31.1 46.7

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#52

Toluene

Concen: 49.388 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066248.D

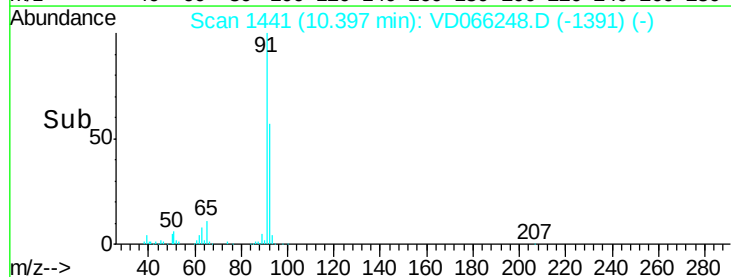
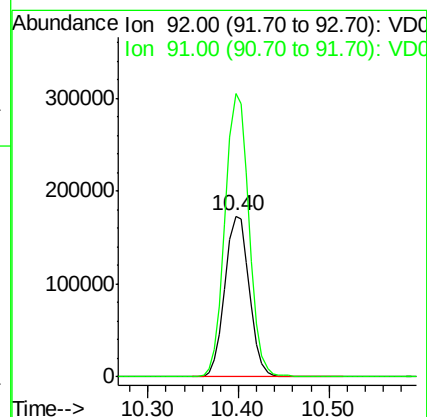
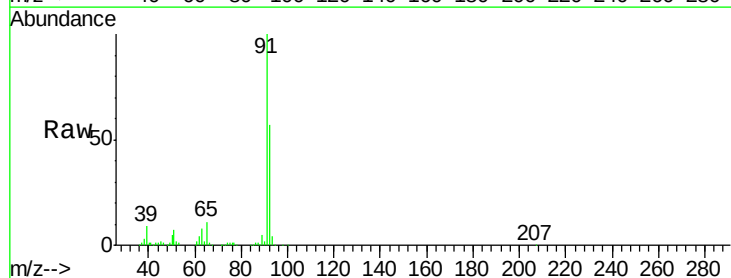
Acq: 14 Aug 2020 20:35

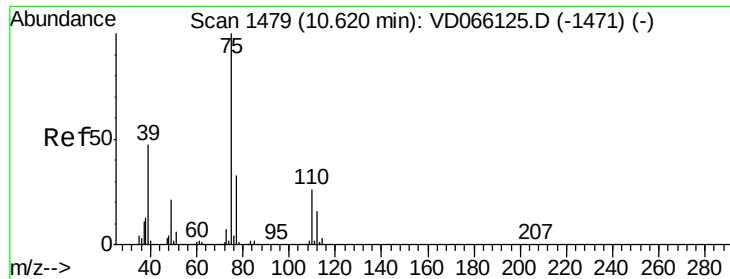
Tgt Ion: 92 Resp: 323934

Ion Ratio Lower Upper

92 100

91 172.3 135.2 202.8





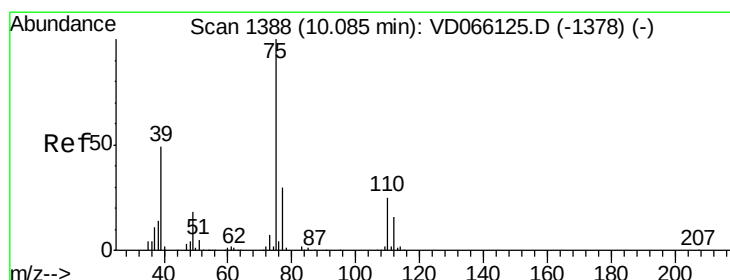
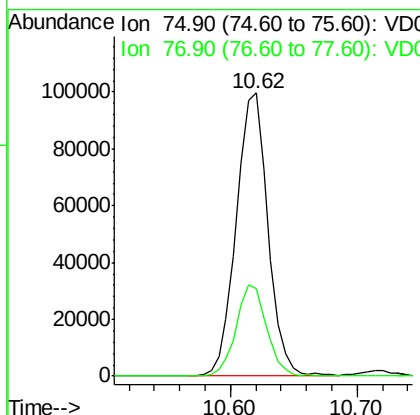
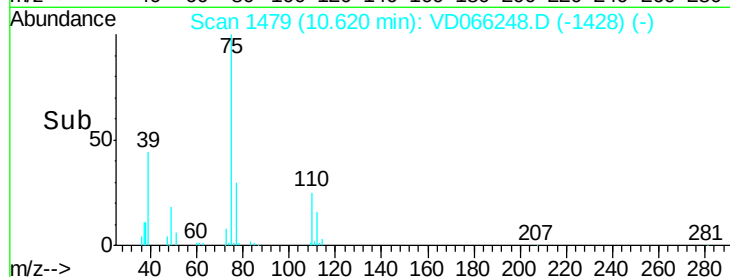
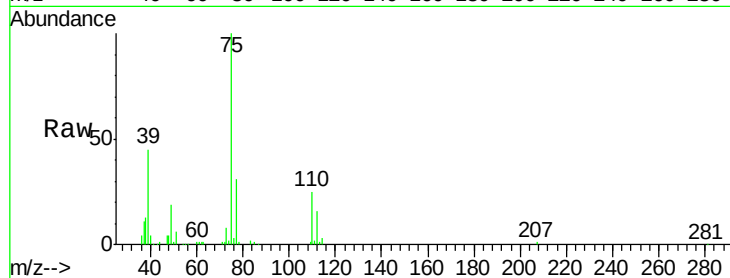
#53
t-1,3-Dichloropropene
Concen: 51.391 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.2	39.2

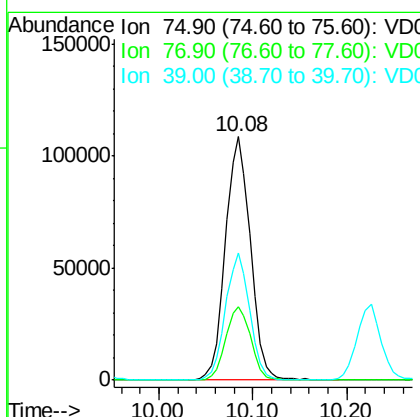
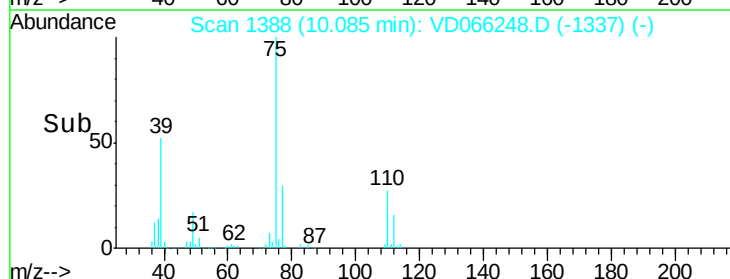
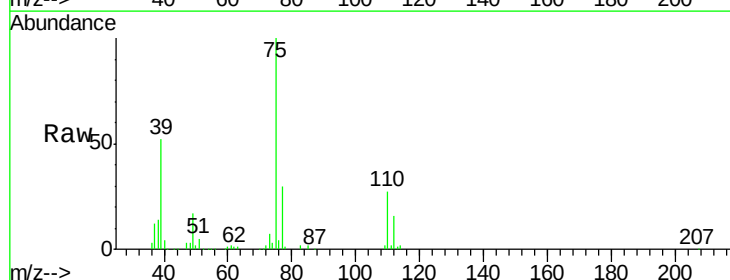
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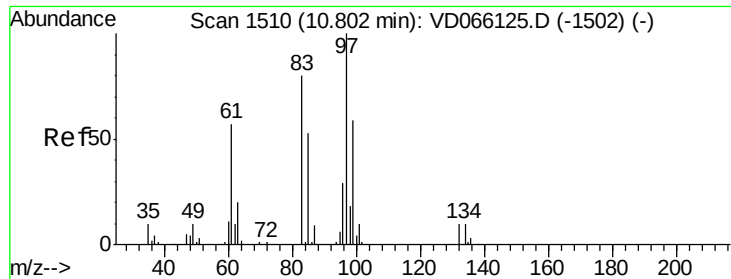
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#54
cis-1,3-Dichloropropene
Concen: 50.907 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.3	36.5
39	52.2	39.3	58.9





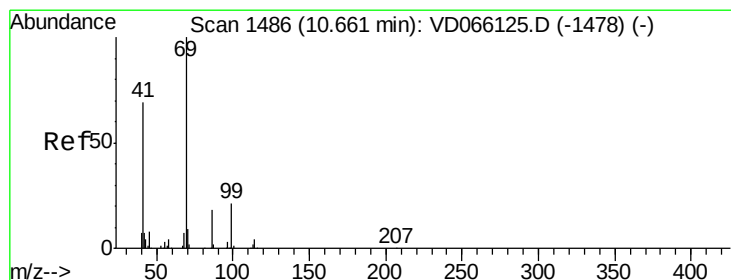
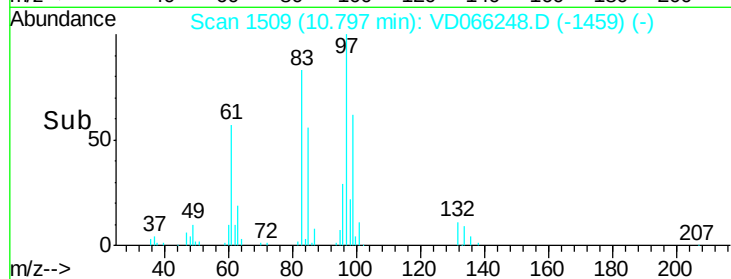
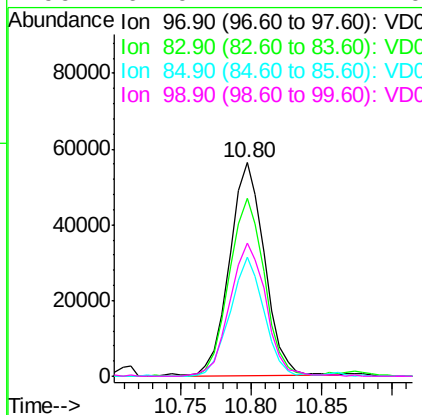
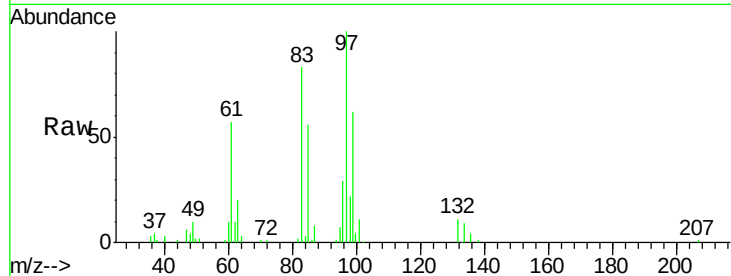
#55
 1,1,2-Trichloroethane
 Concen: 50.140 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	96952
Ion	Ratio	Lower	Upper
97	100		
83	83.6	63.9	95.9
85	56.1	42.5	63.7
99	62.0	47.4	71.0

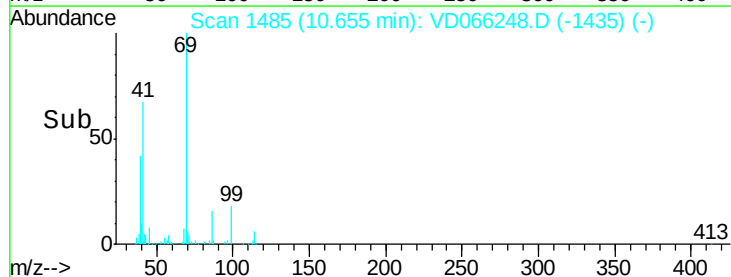
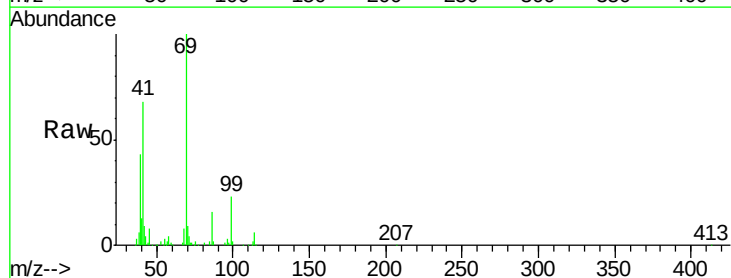
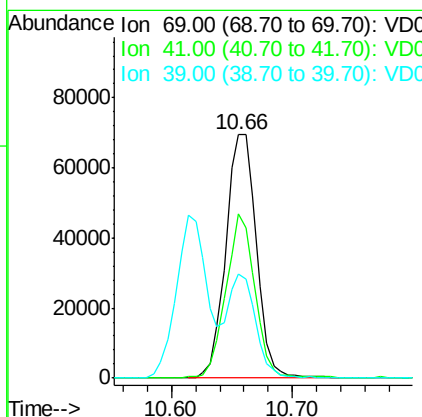
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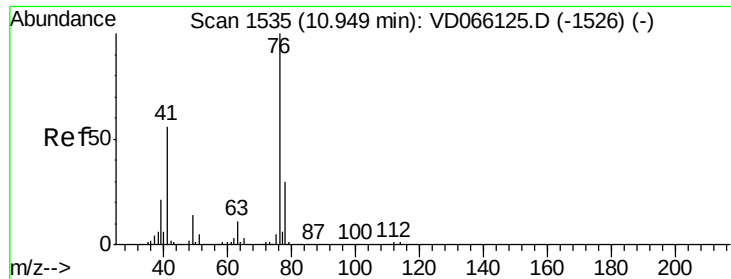
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#56
 Ethyl methacrylate
 Concen: 52.849 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion:	69	Resp:	122760
Ion	Ratio	Lower	Upper
69	100		
41	64.5	54.1	81.1
39	40.0	28.6	43.0





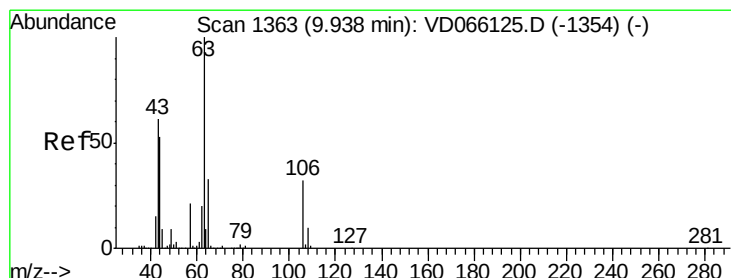
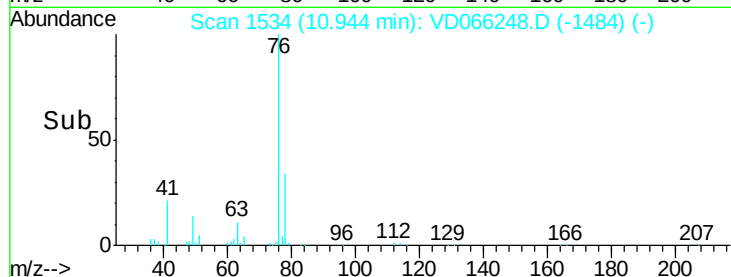
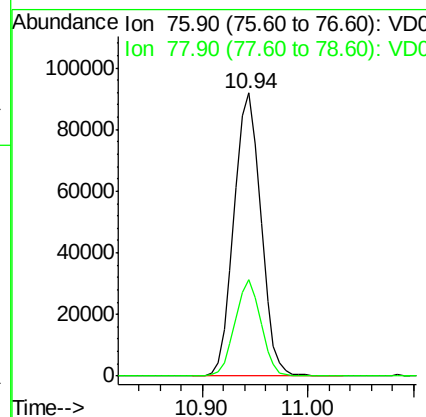
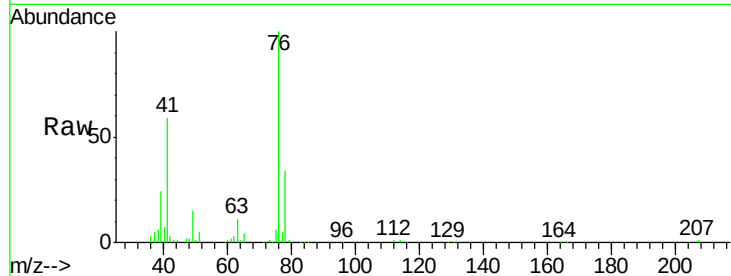
#57
 1,3-Dichloropropane
 Concen: 50.591 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3

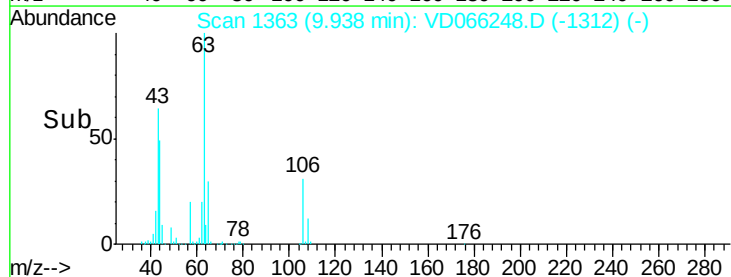
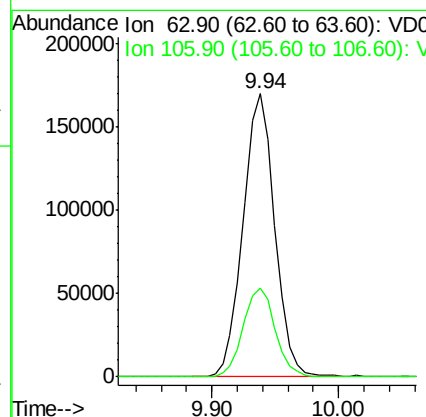
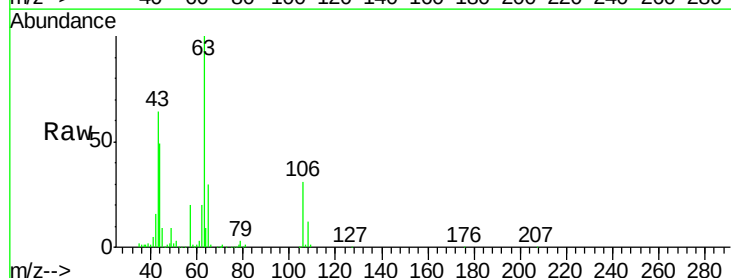
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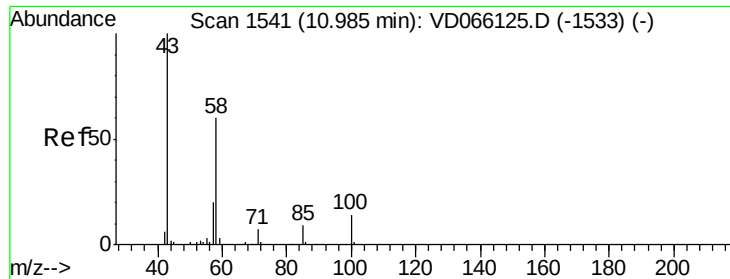
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 8/17/2020 5:45:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.627 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.3	37.9





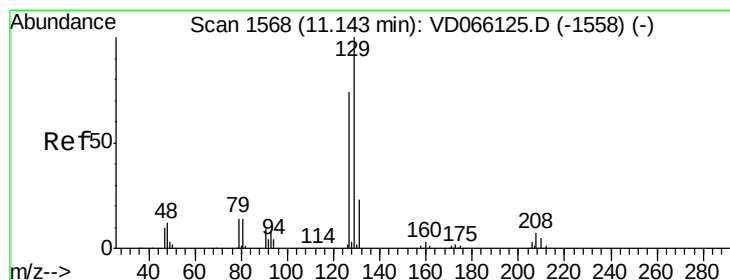
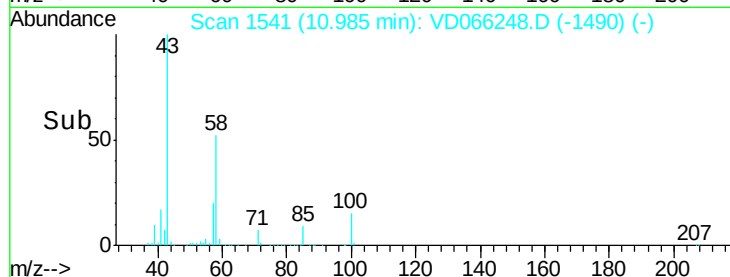
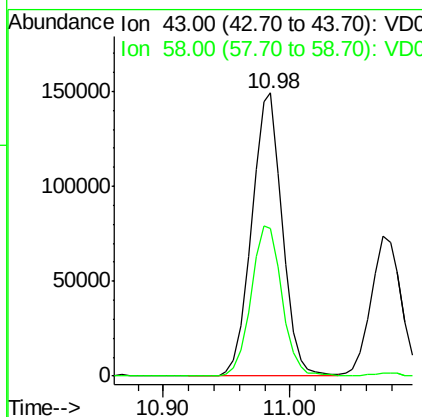
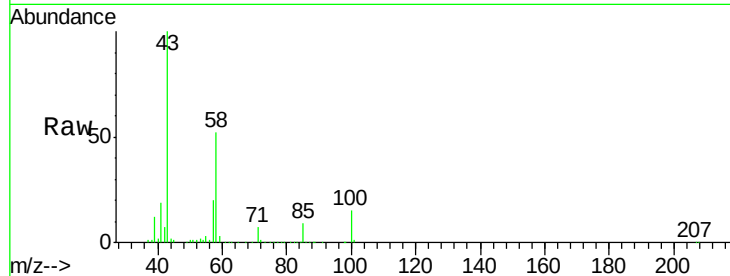
#59
2-Hexanone
Concen: 248.033 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 250813
Ion Ratio Lower Upper
43 100
58 53.7 27.8 83.4

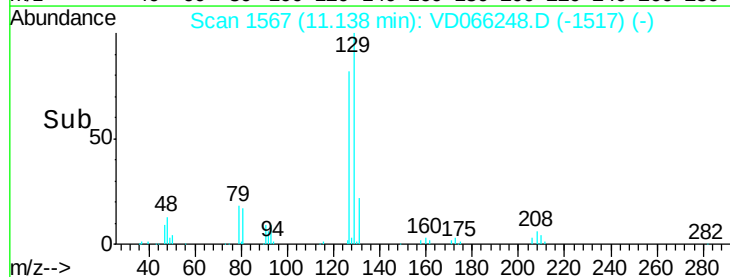
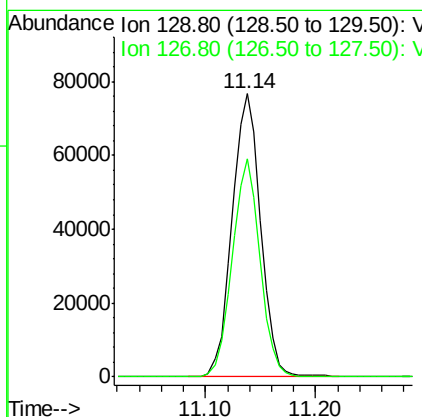
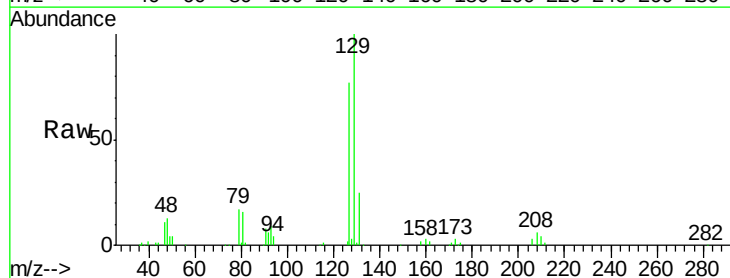
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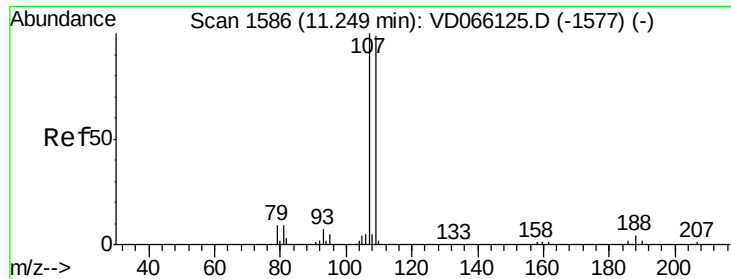
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#60
Dibromochloromethane
Concen: 52.134 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion: 129 Resp: 139173
Ion Ratio Lower Upper
129 100
127 74.7 38.0 114.1





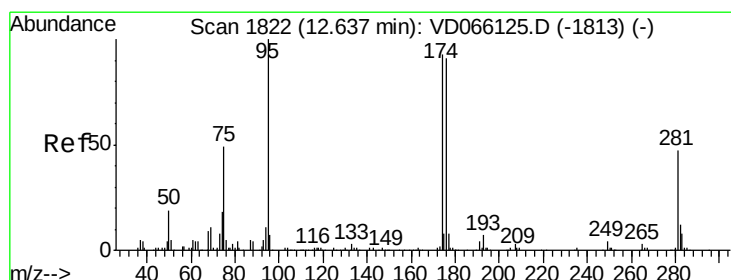
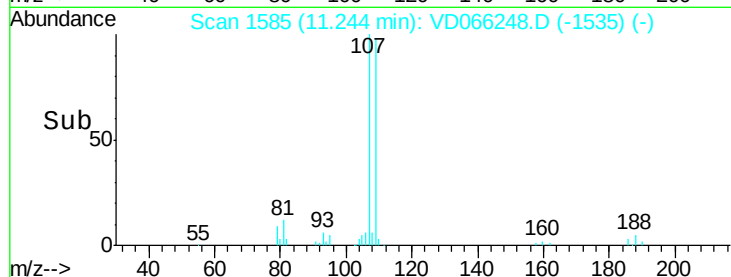
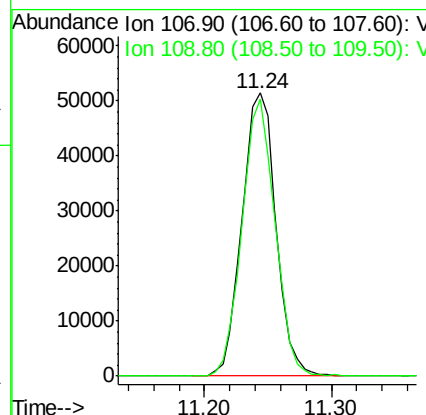
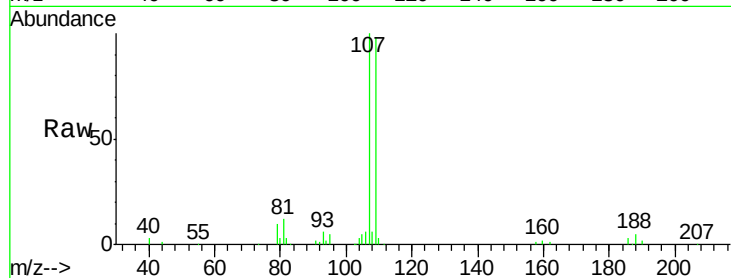
#61
 1,2-Dibromoethane
 Concen: 51.438 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 95654
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.5 114.7

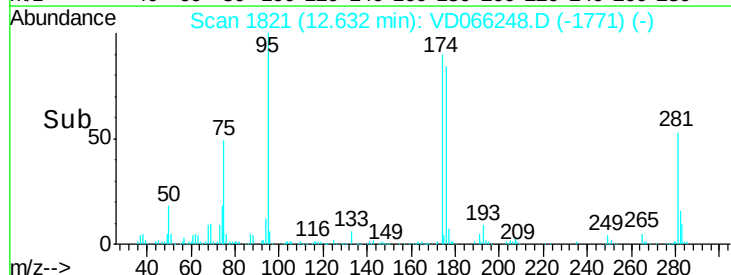
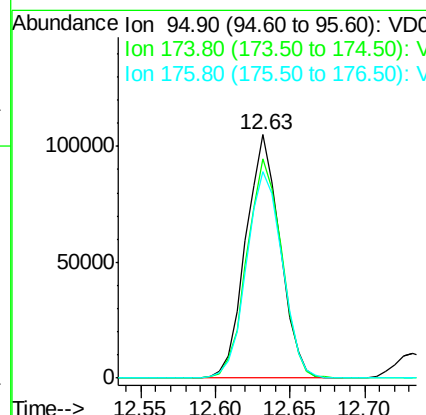
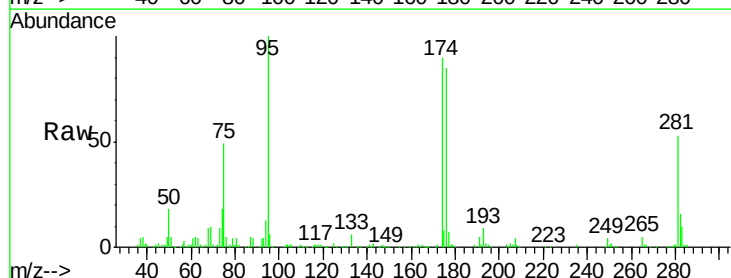
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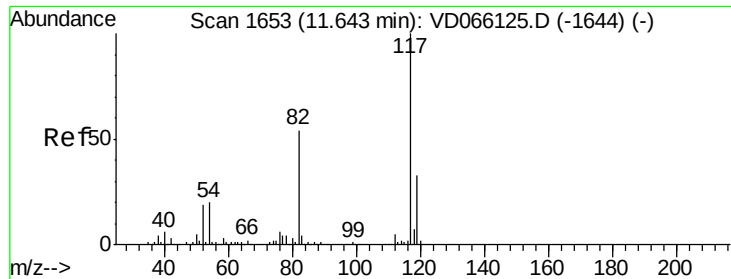
MMDadoda
 8/17/2020 5:45:59 PM



#62
 4-Bromofluorobenzene
 Concen: 51.573 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion: 95 Resp: 166175
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 180.8
 176 88.3 0.0 181.2





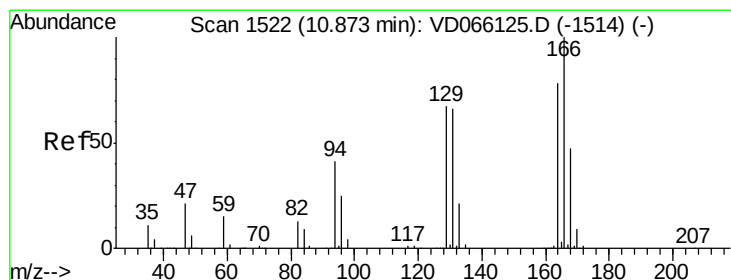
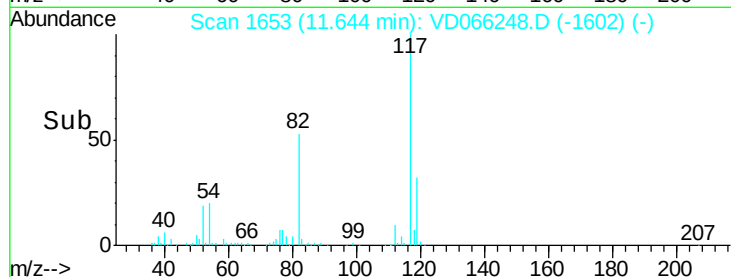
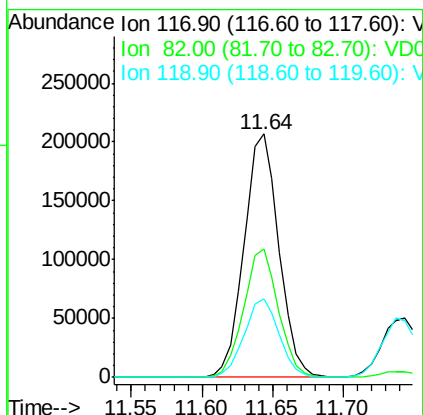
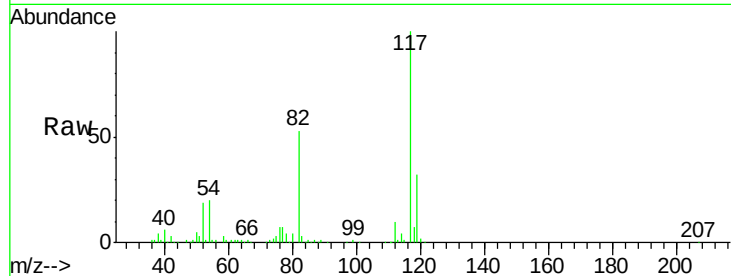
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.4
119	32.1	26.1	39.1

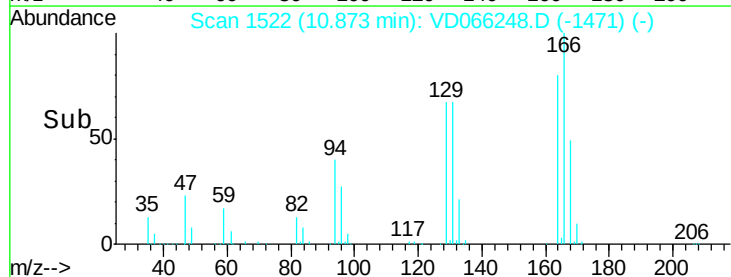
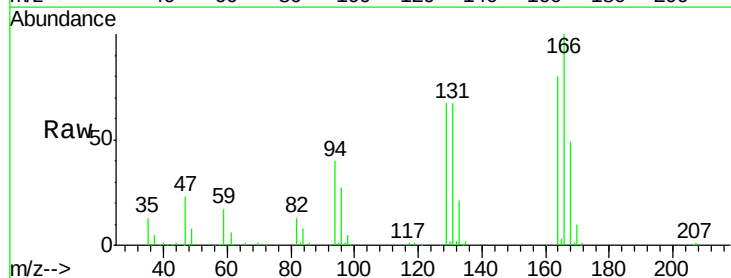
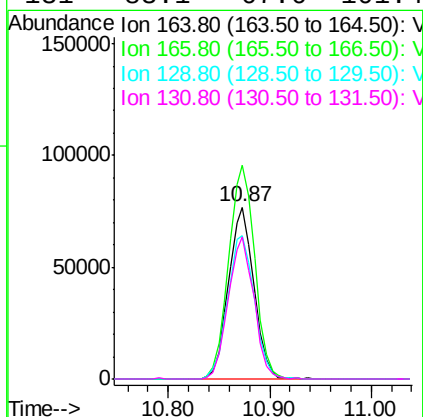
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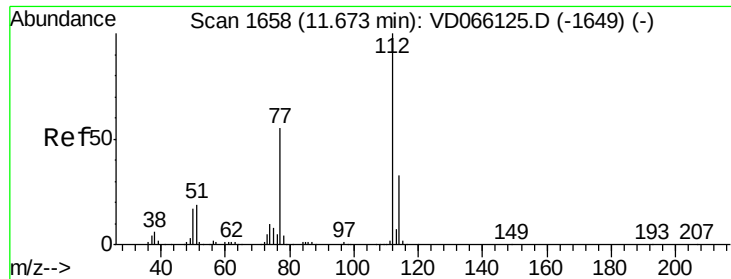
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#64
Tetrachloroethene
Concen: 48.616 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.9	152.9
129	83.3	68.1	102.1
131	83.1	67.6	101.4





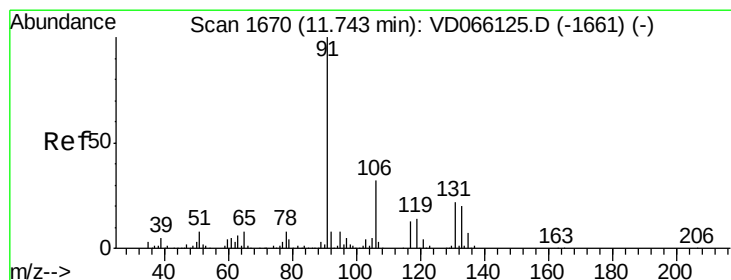
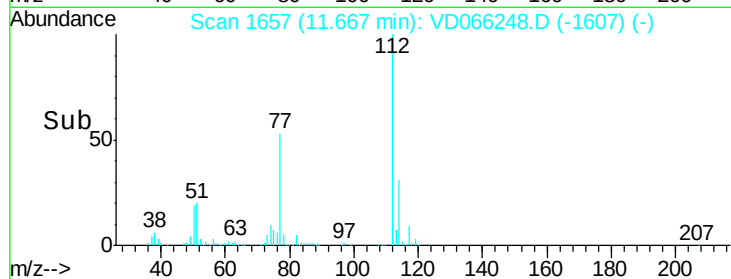
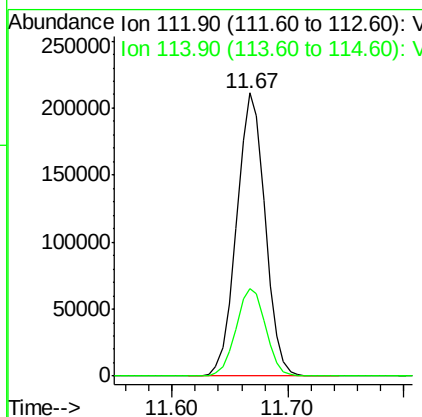
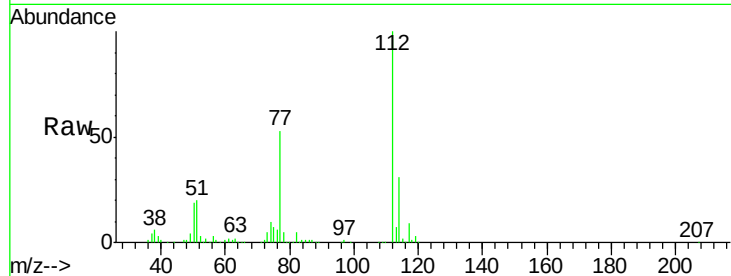
#65
Chlorobenzene
Concen: 49.751 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.1	39.1

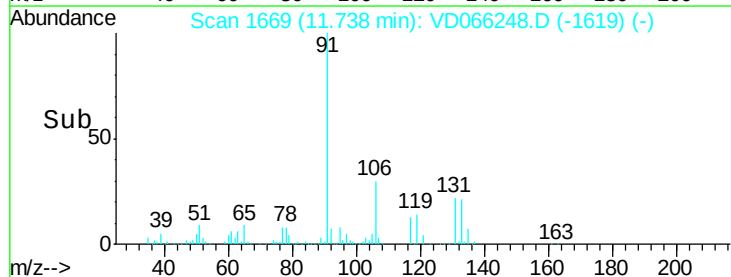
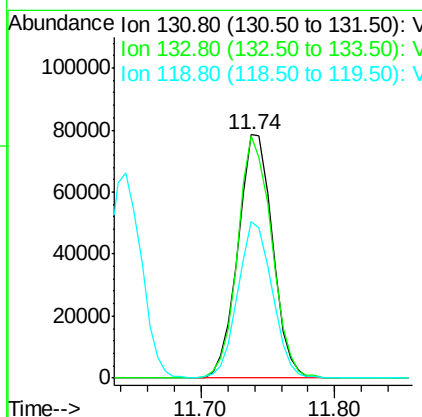
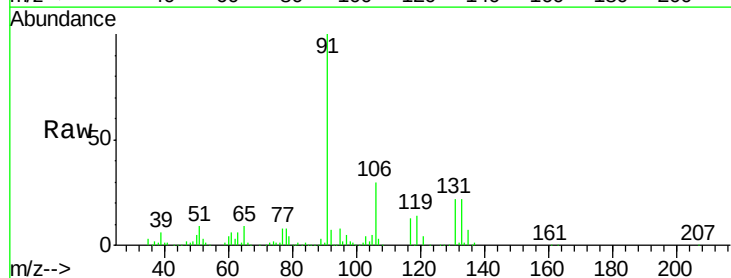
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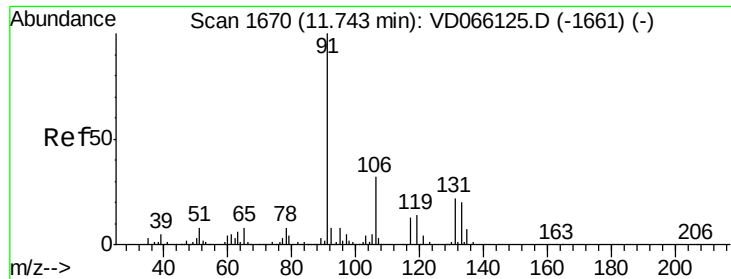
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.642 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	47.1	141.4
119	63.8	31.6	94.7





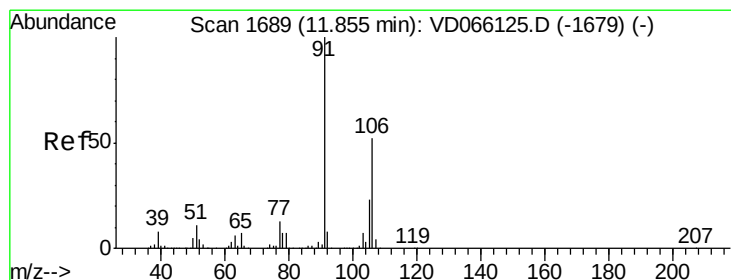
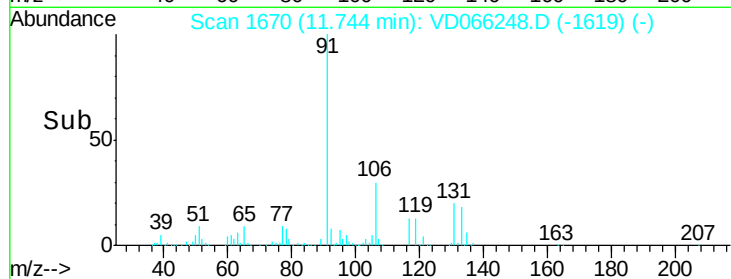
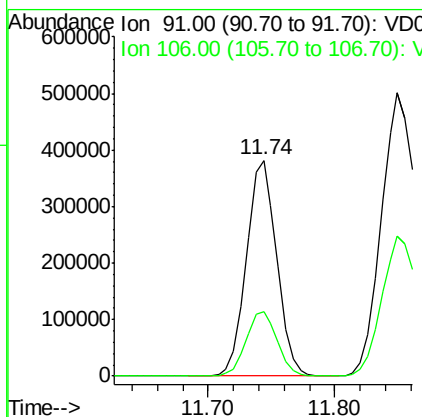
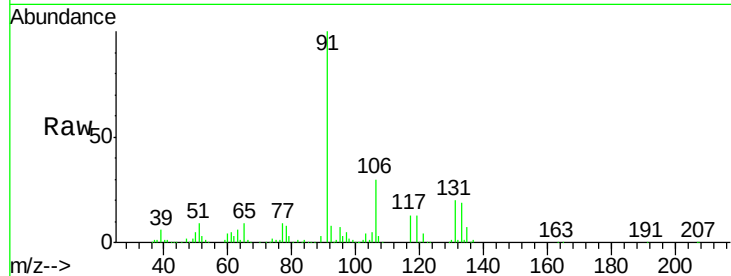
#67
Ethyl Benzene
Concen: 50.444 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 633728
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

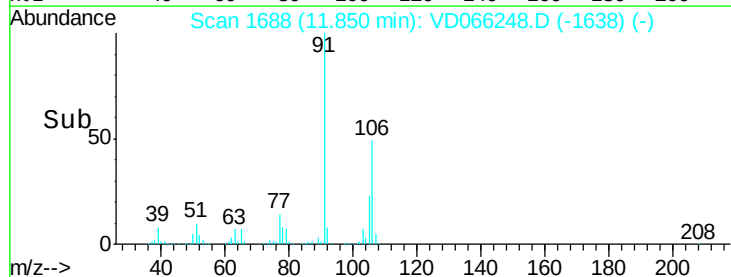
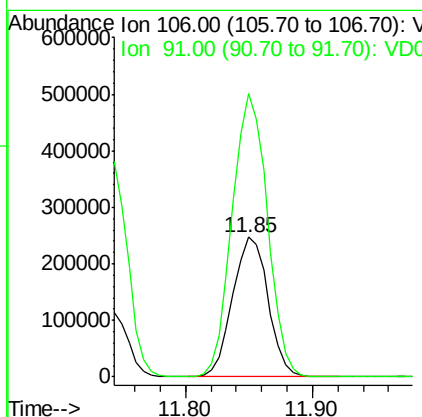
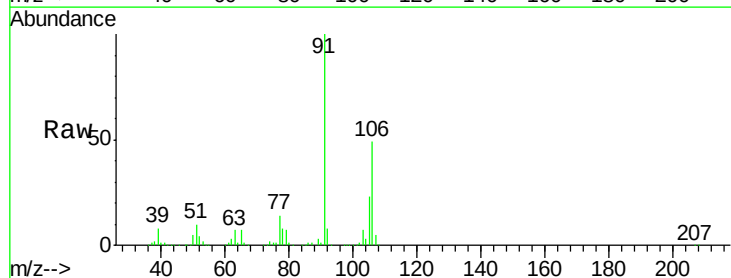
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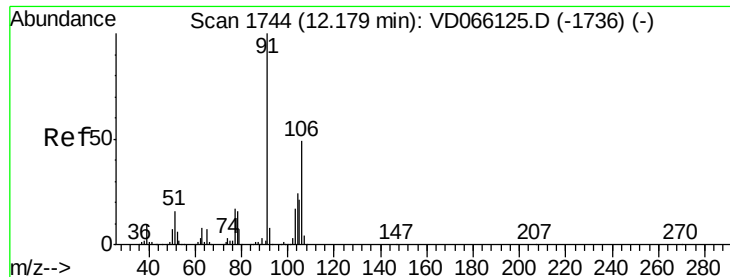
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#68
m/p-Xylenes
Concen: 98.213 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion: 106 Resp: 478047
Ion Ratio Lower Upper
106 100
91 202.1 156.6 235.0





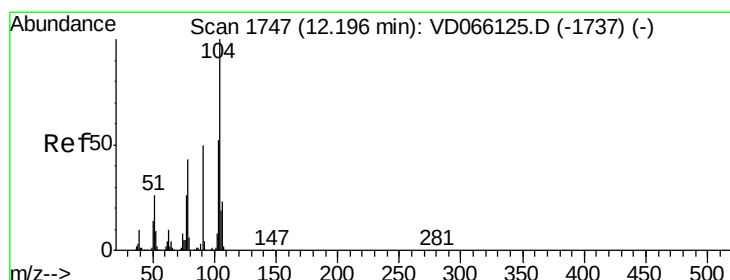
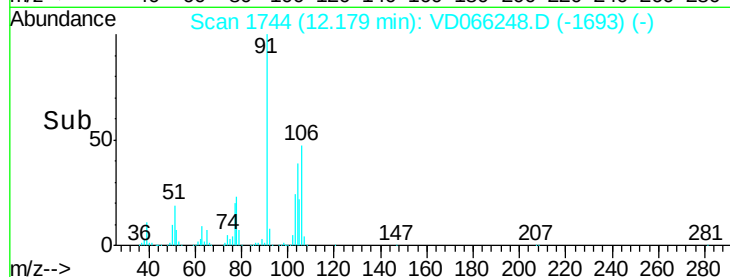
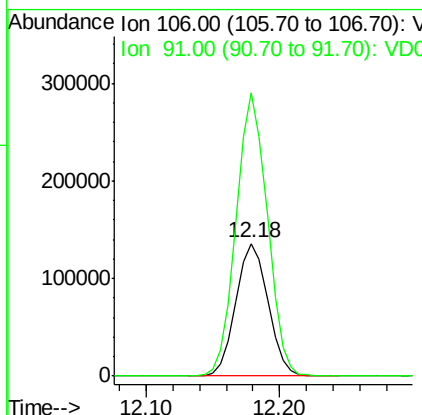
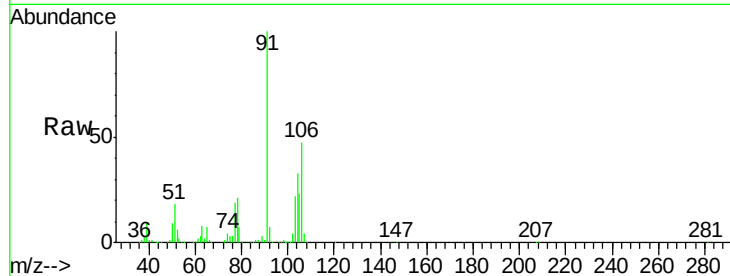
#69
o-Xylene
Concen: 51.188 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		226650		
91	208.3	105.7	317.1		

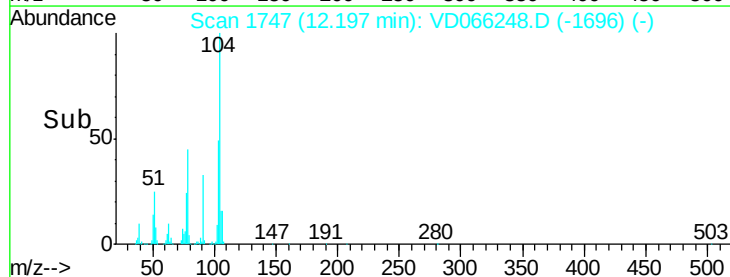
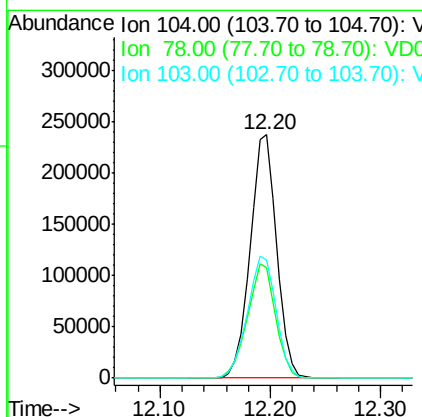
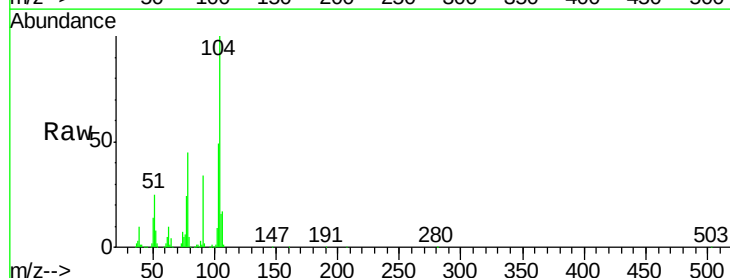
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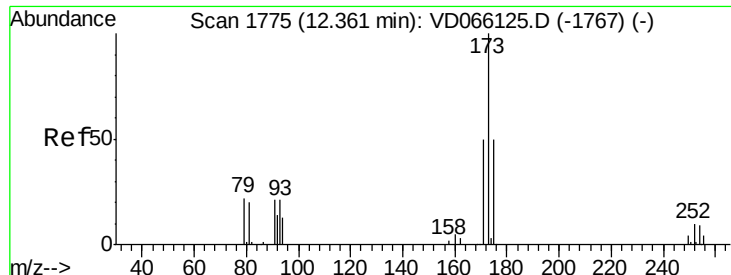
MMDadoda
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#70
Styrene
Concen: 51.614 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		400520		
78	49.9	38.6	58.0		
103	54.4	44.1	66.1		





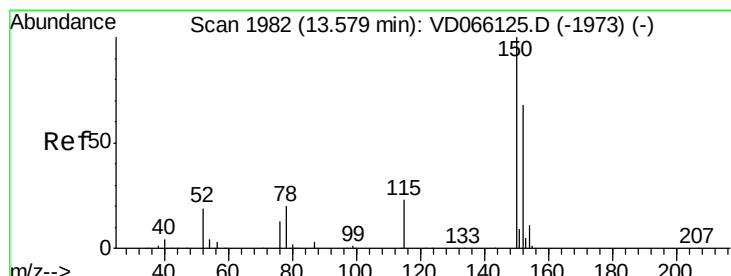
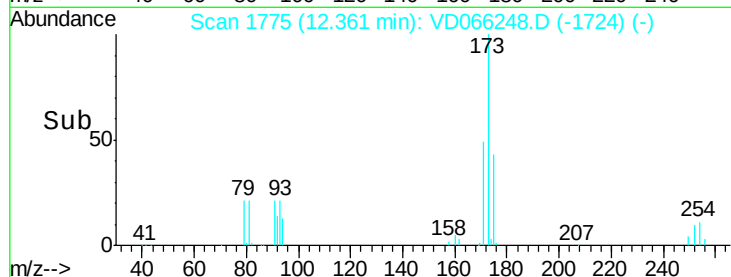
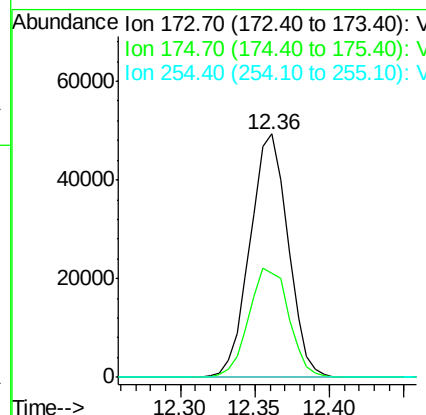
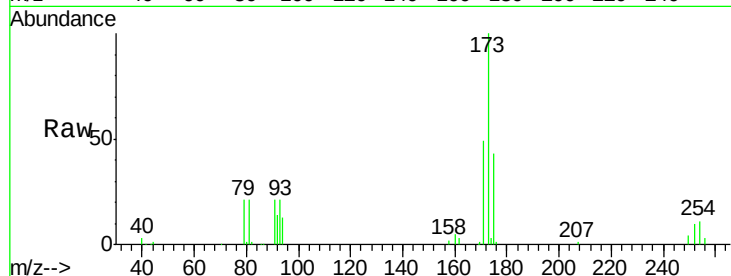
#71
Bromoform
Concen: 51.823 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.6	73.6
254	0.1	0.2	0.2

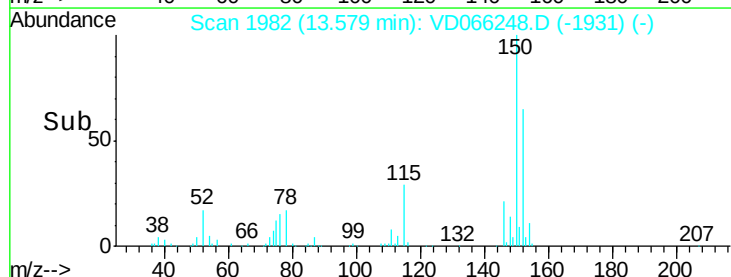
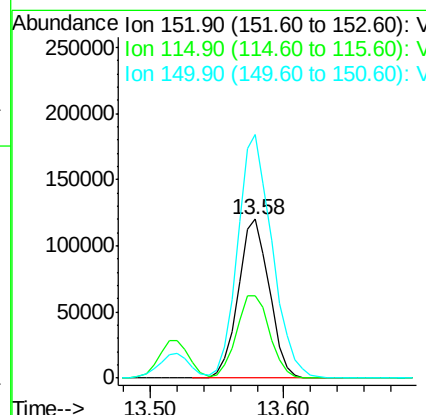
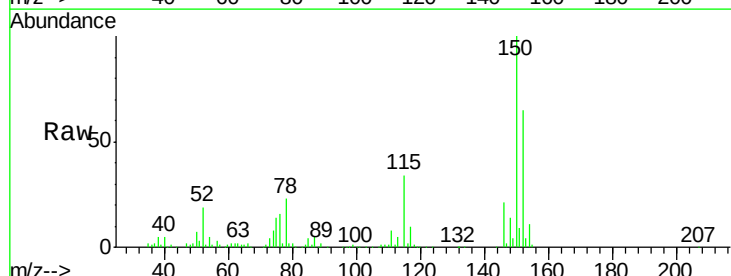
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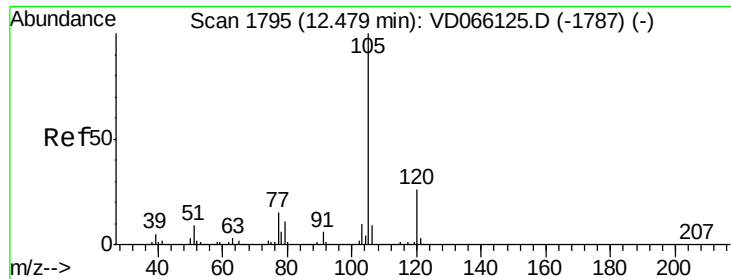
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.0	83.9
150	170.1	0.0	346.4





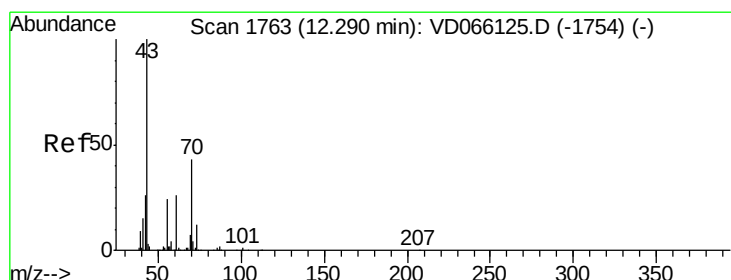
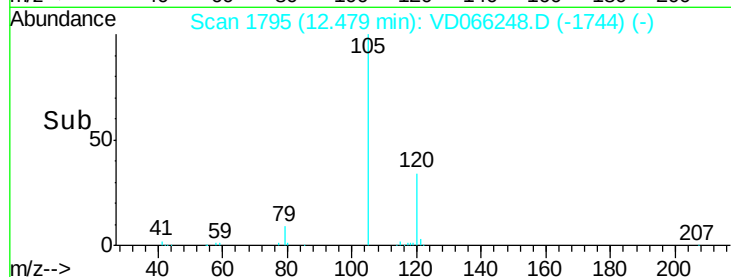
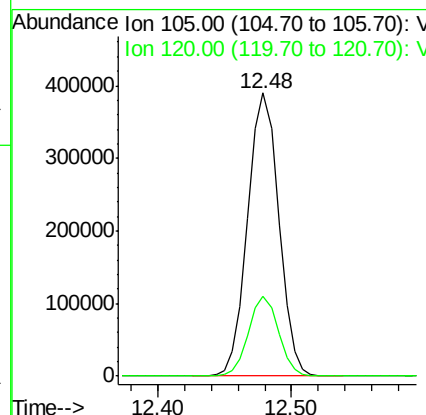
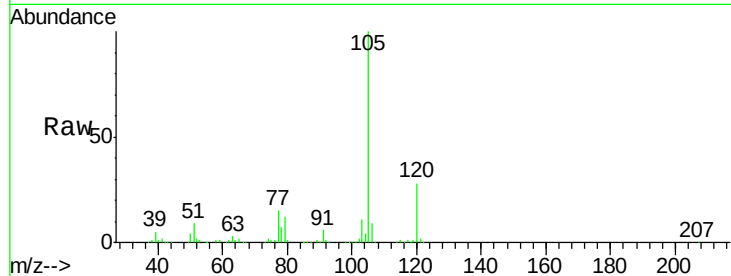
#73
Isopropylbenzene
Concen: 48.779 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	628312		
120	27.2	13.3	39.9	

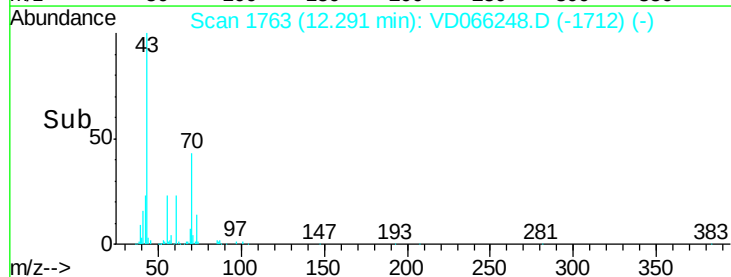
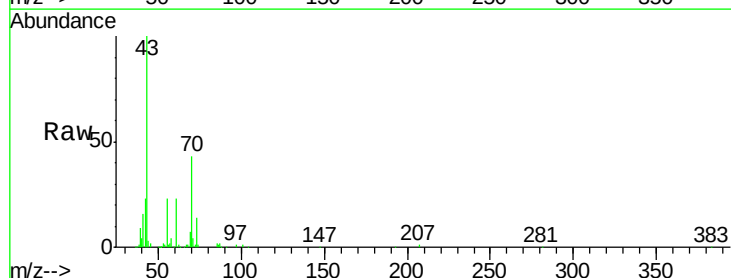
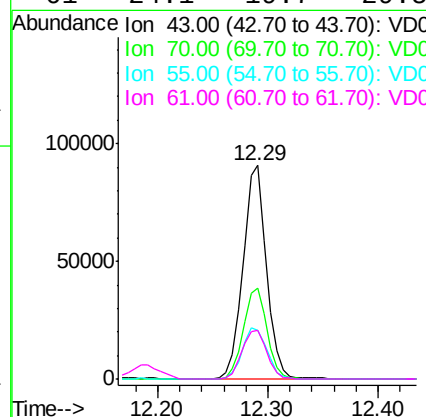
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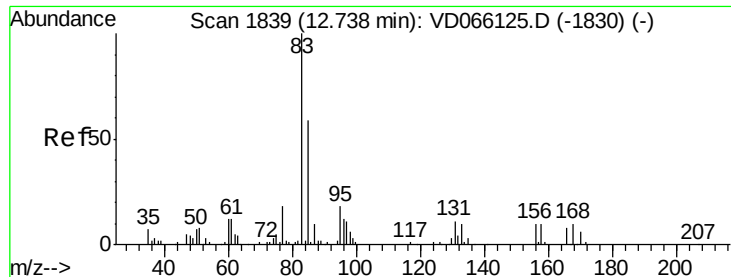
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#74
N-ethyl acetate
Concen: 47.753 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	135446		
70	43.0	34.9	52.3	
55	25.6	19.2	28.8	
61	24.1	19.7	29.5	





#75

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

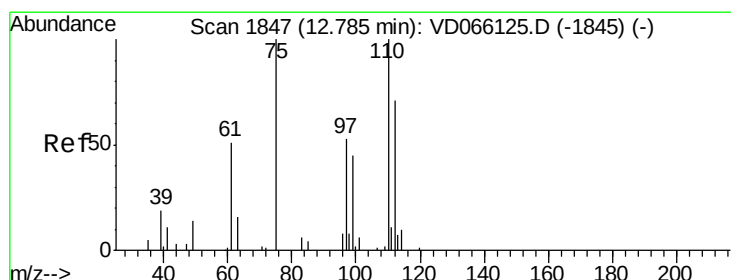
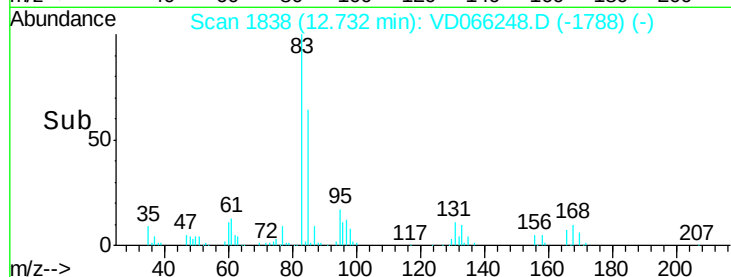
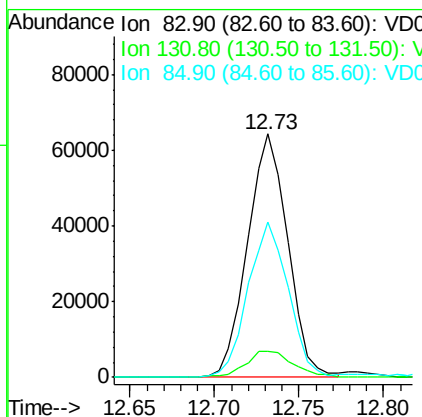
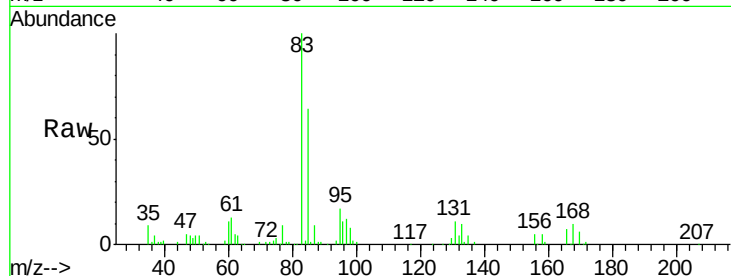
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	106835
Ion Ratio	Lower	Upper	
83	100		
131	12.8	6.2	18.6
85	63.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 42.112 ug/l m

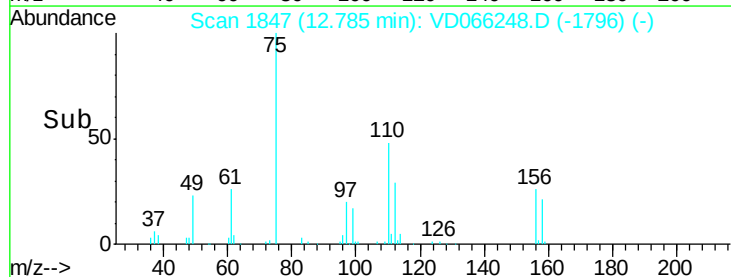
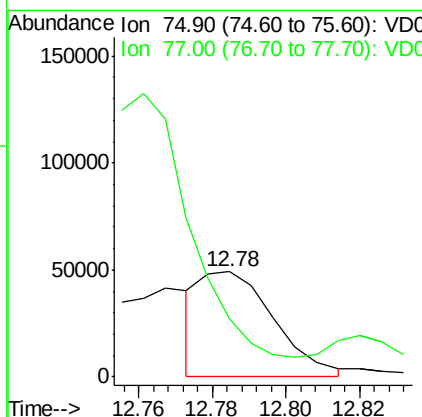
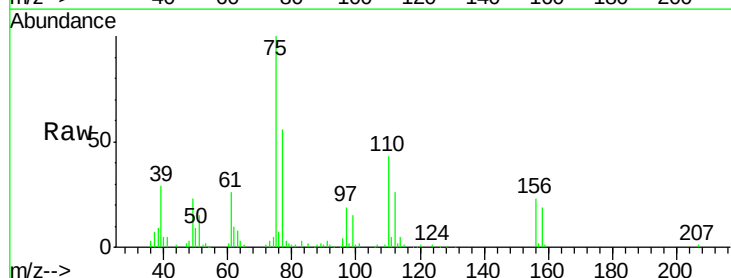
RT: 12.78 min Scan# 1847

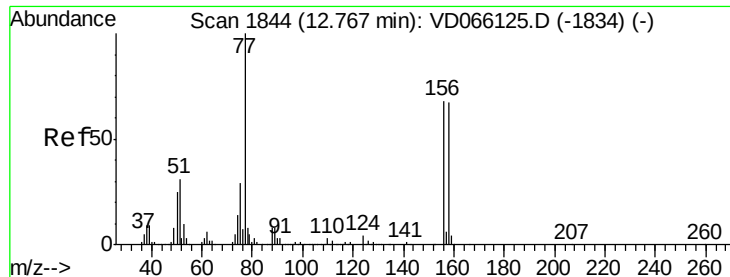
Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	75	Resp:	67765
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.020 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

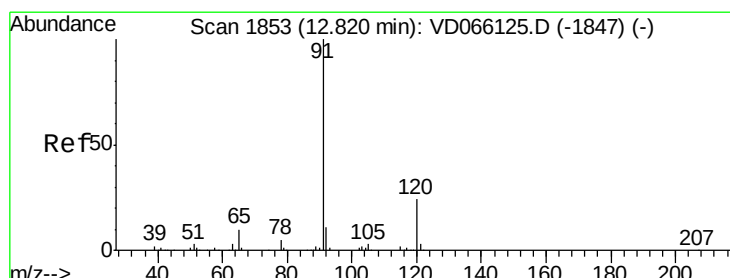
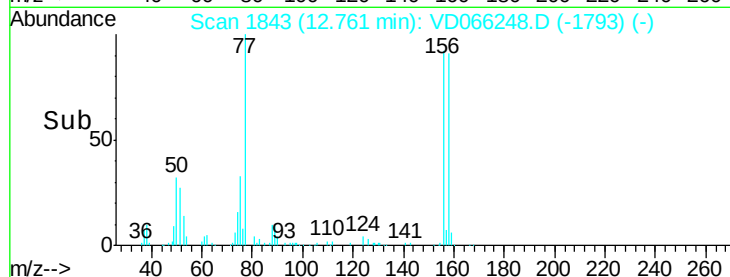
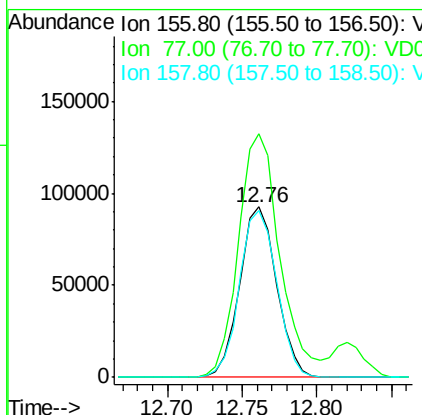
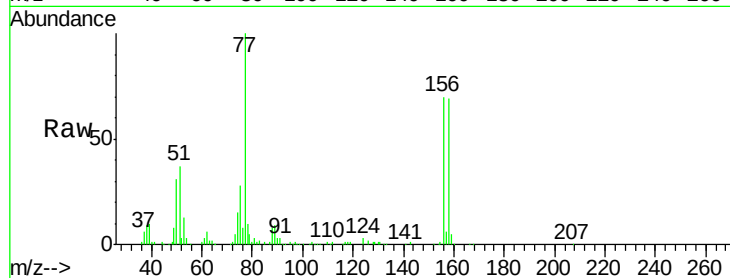
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	159221
Ion Ratio	Lower	Upper	
156	100		
77	160.4	81.0	243.1
158	98.7	48.8	146.3

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#78

n-propylbenzene

Concen: 48.301 ug/l

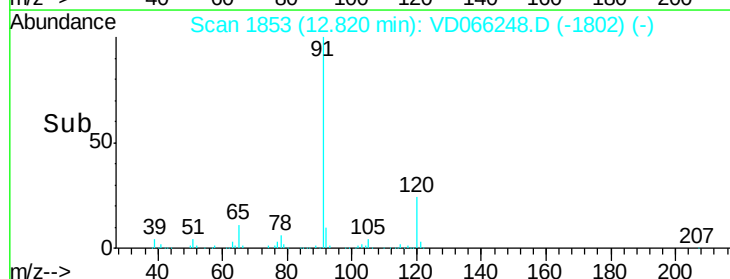
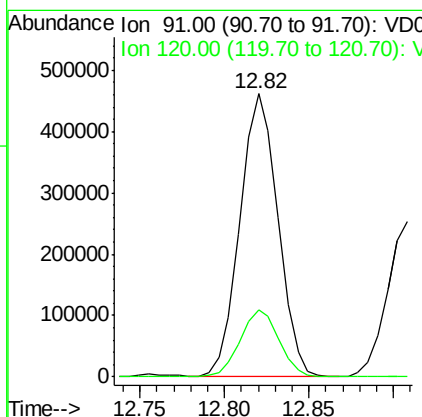
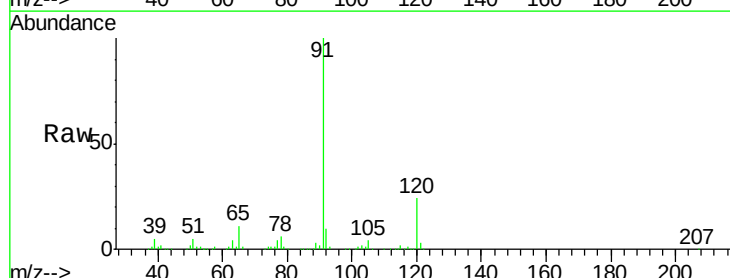
RT: 12.82 min Scan# 1853

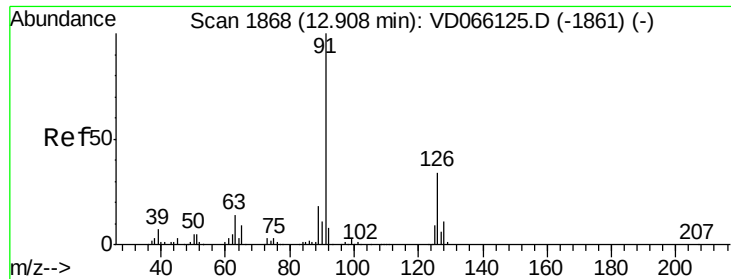
Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	91	Resp:	723201
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 48.127 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 412135

Ion Ratio Lower Upper

91 100

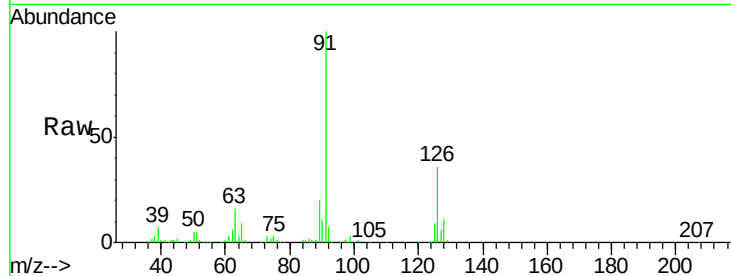
126 36.2 17.5 52.6

Manual Integrations

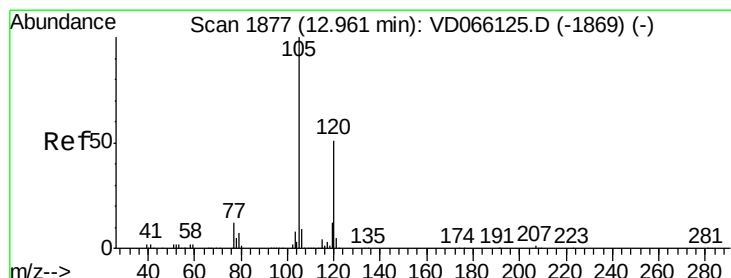
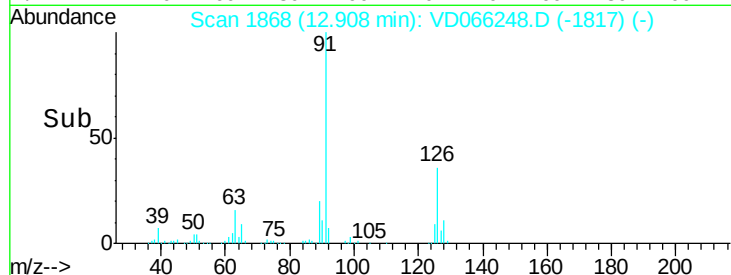
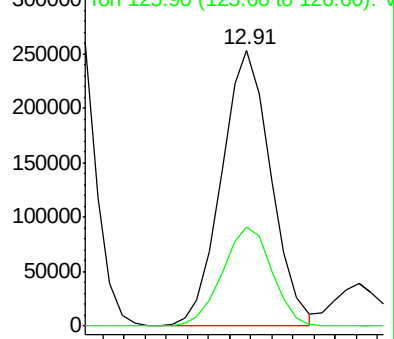
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Abundance Ion 91.00 (90.70 to 91.70): VD066125.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.412 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066248.D

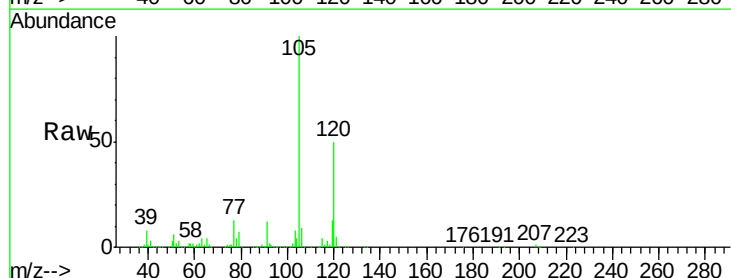
Acq: 14 Aug 2020 20:35

Tgt Ion: 105 Resp: 532282

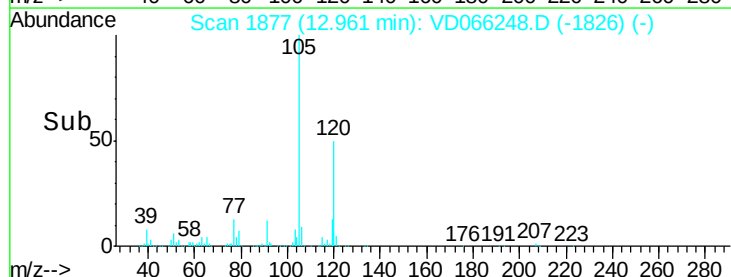
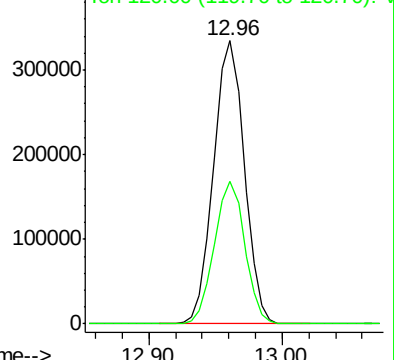
Ion Ratio Lower Upper

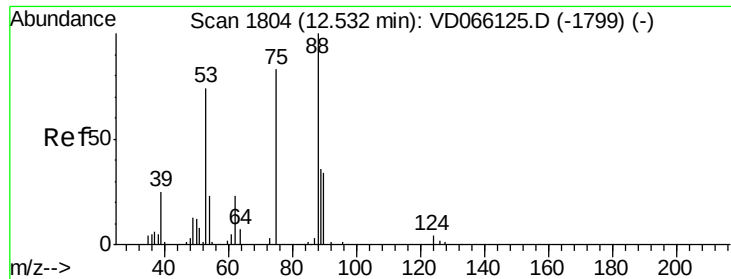
105 100

120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066125.D (-1869) (-)





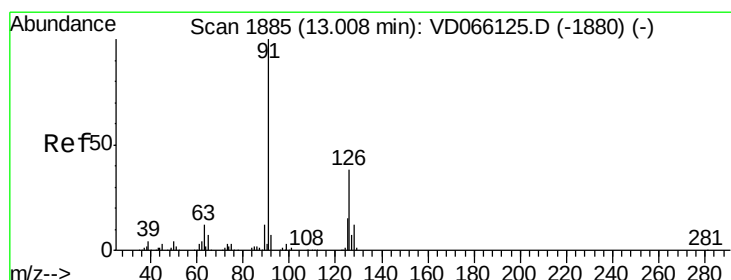
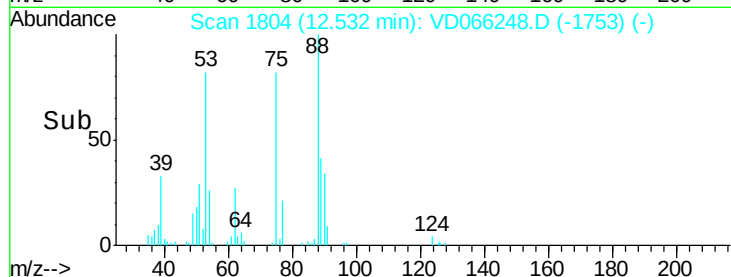
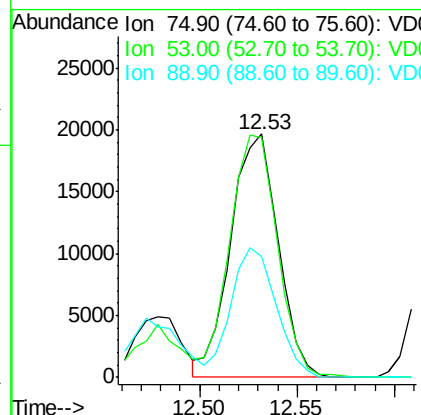
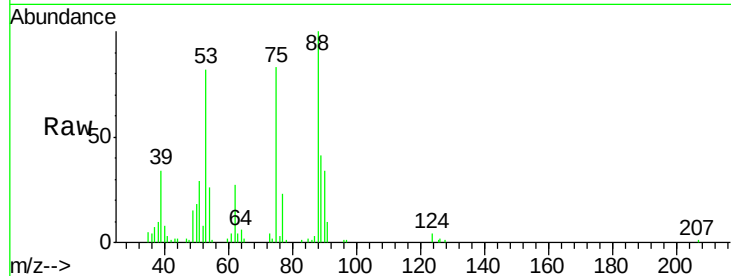
#81
trans-1,4-Dichloro-2-butene
Concen: 45.569 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	73.4	110.2
89	50.8	36.6	55.0

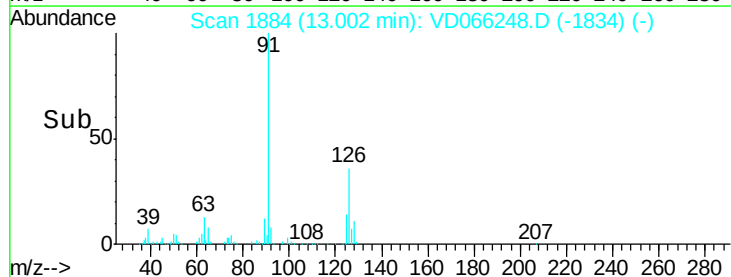
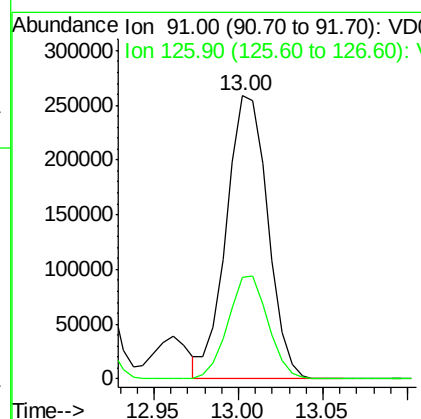
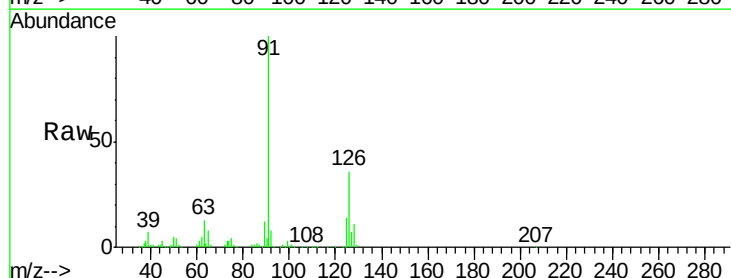
Manual Integrations
APPROVED

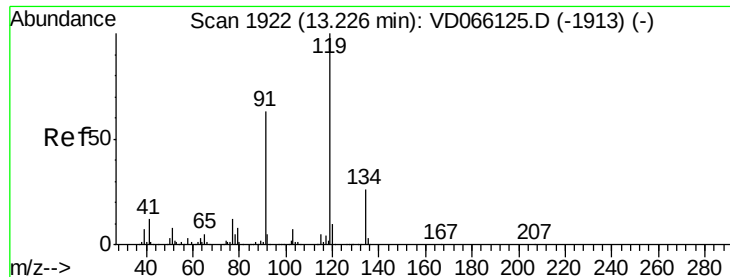
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.895 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.3





#83

tert-Butylbenzene

Concen: 49.148 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

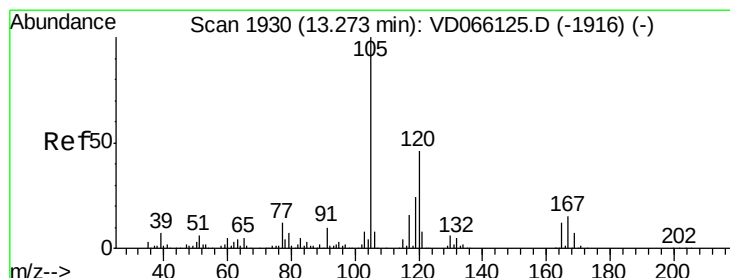
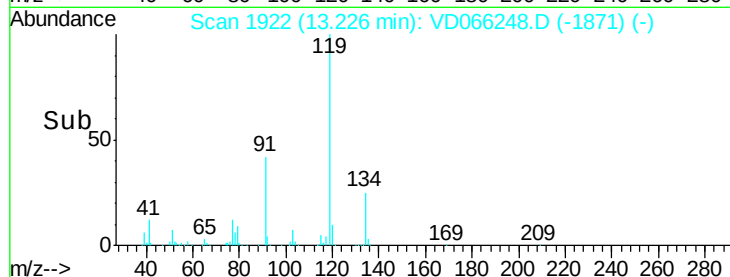
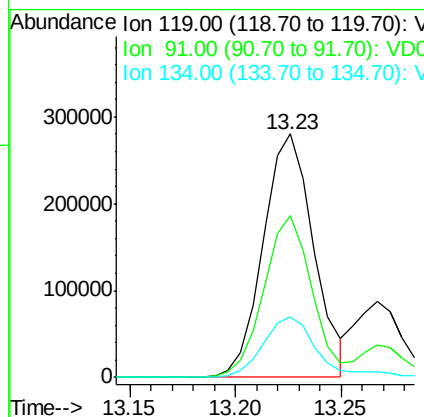
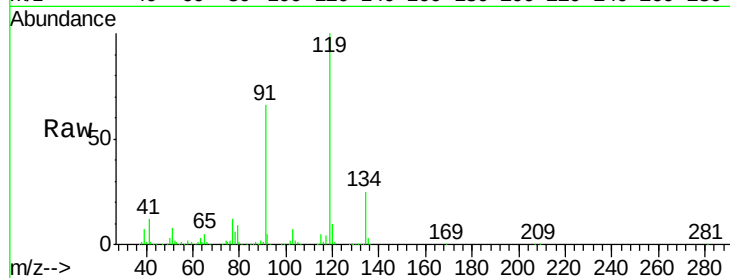
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	465609
Ion Ratio	Lower	Upper	
119	100		
91	63.1	30.8	92.4
134	27.1	13.6	40.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.774 ug/l

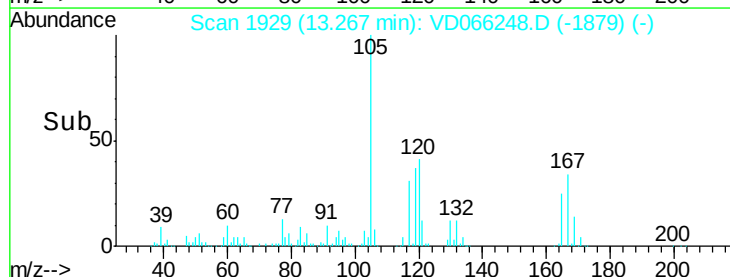
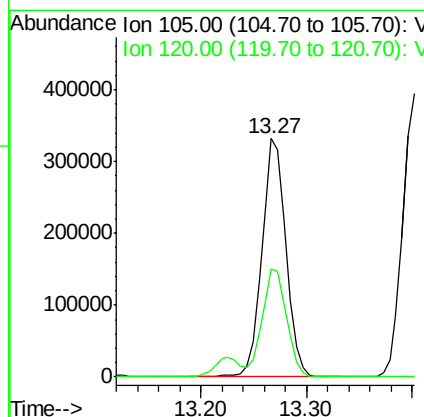
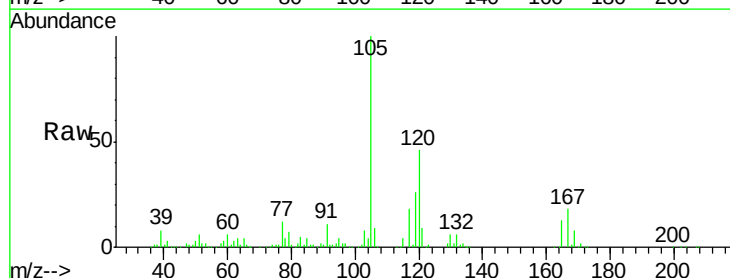
RT: 13.27 min Scan# 1929

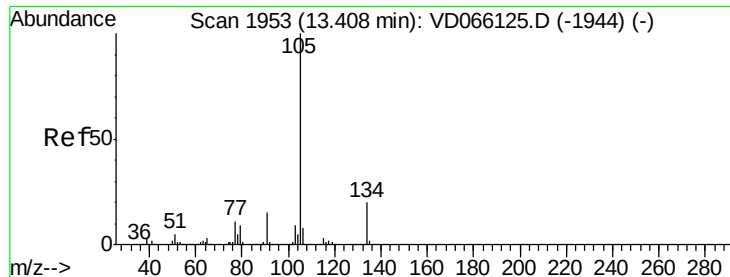
Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Tgt Ion:	105	Resp:	525803
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.946 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 626043

Ion Ratio Lower Upper

105 100

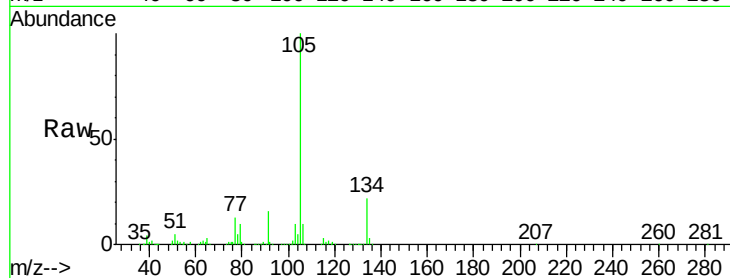
134 21.0 10.4 31.4

Manual Integrations

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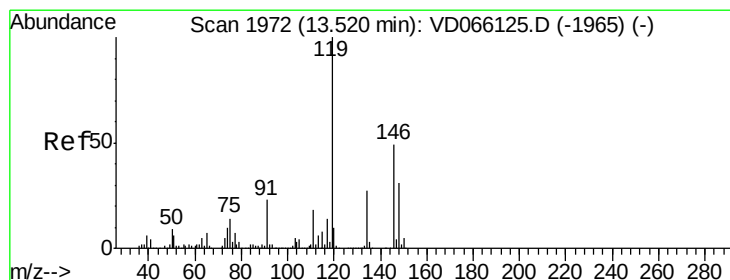
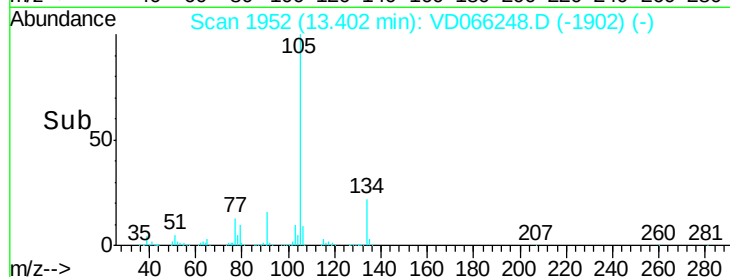
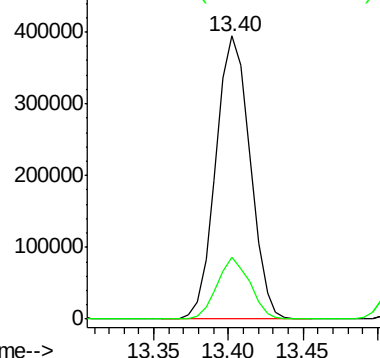
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.110 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066248.D

Acq: 14 Aug 2020 20:35

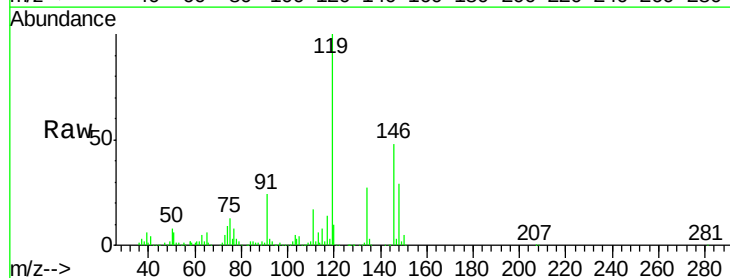
Tgt Ion:119 Resp: 577142

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

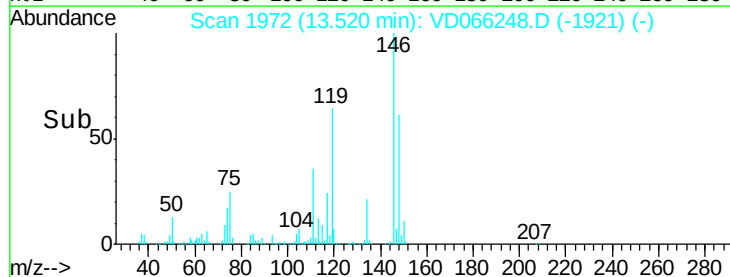
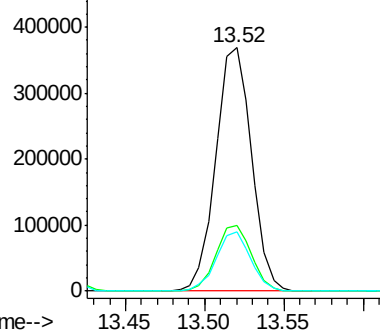
91 23.7 11.2 33.5

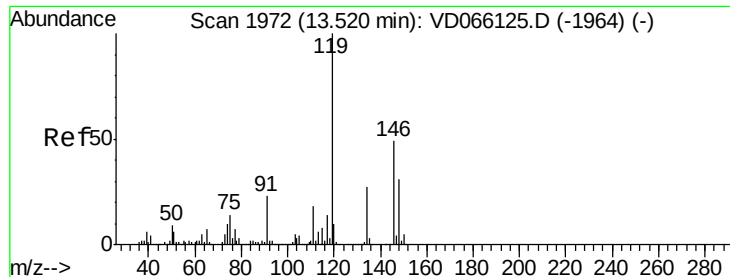


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





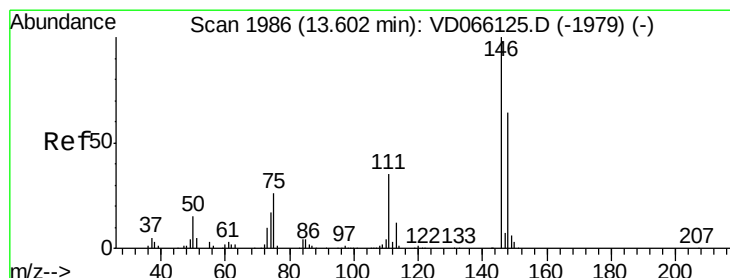
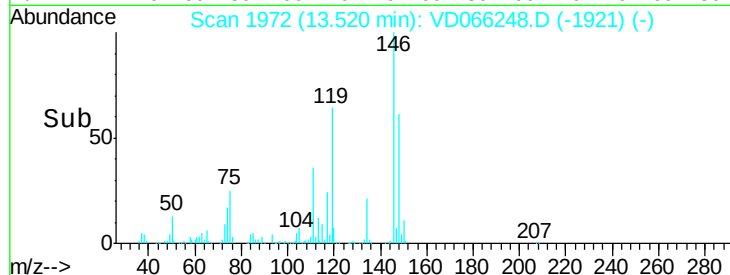
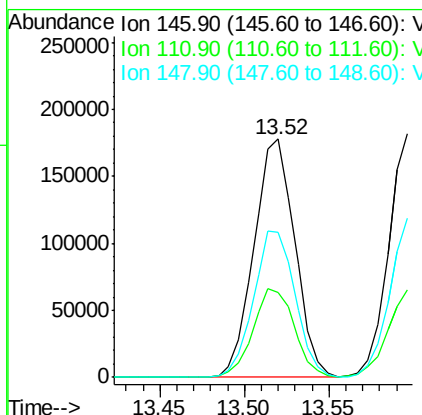
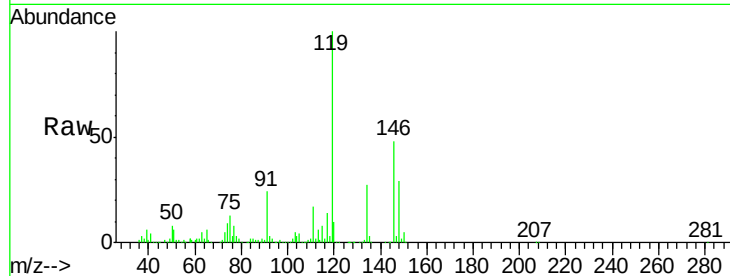
#87
 1,3-Dichlorobenzene
 Concen: 48.034 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	62.4	31.8	95.3

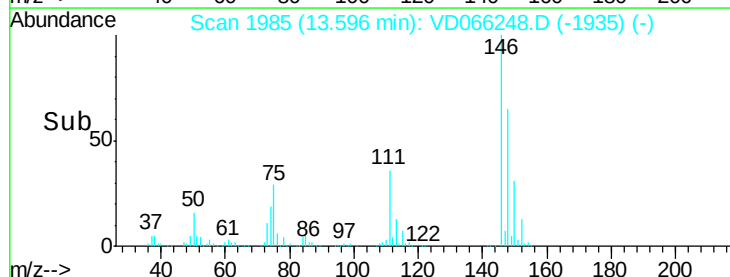
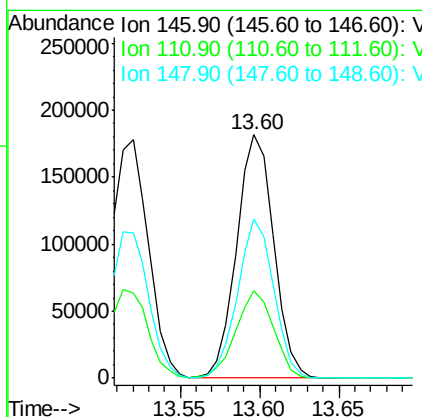
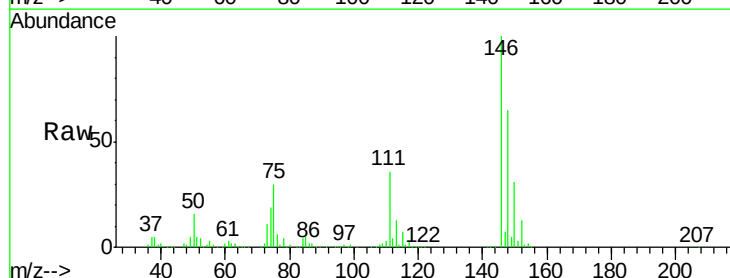
Manual Integrations
 APPROVED

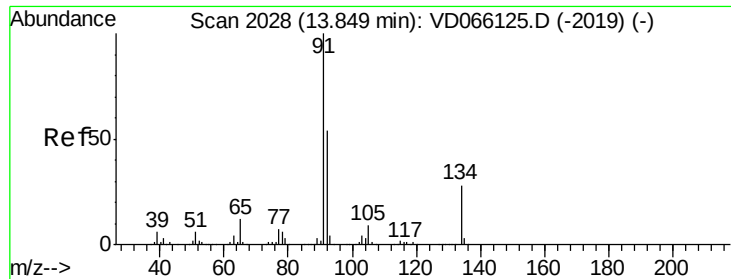
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 8/17/2020 5:45:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.482 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	63.8	32.4	97.0





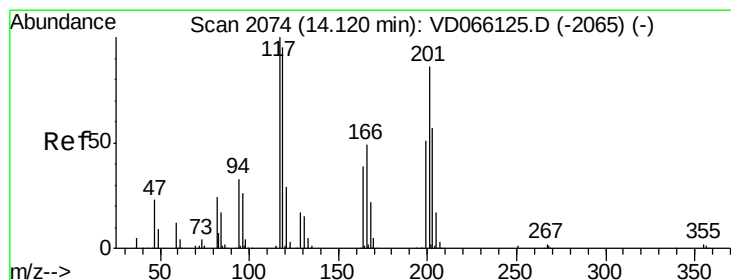
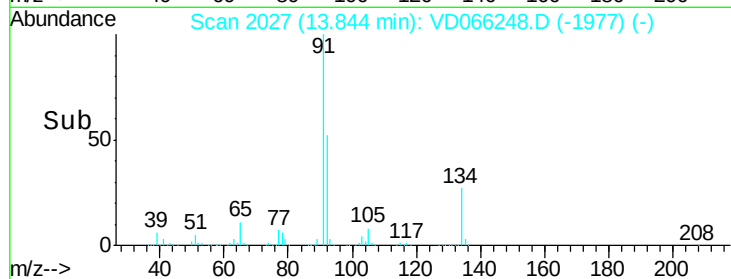
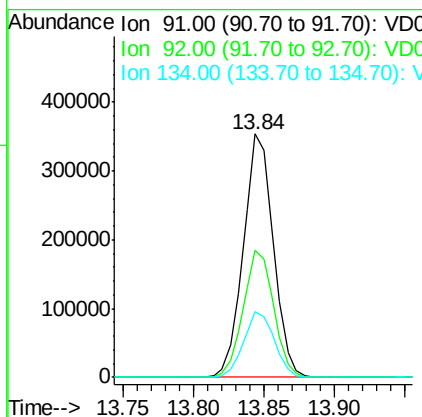
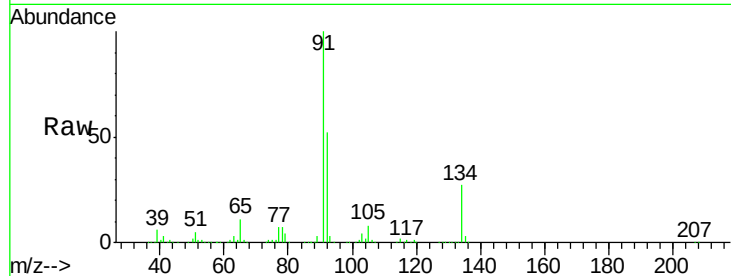
#89
n-Butylbenzene
Concen: 48.926 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.2	26.8	80.3	
134	27.8	14.0	41.9	

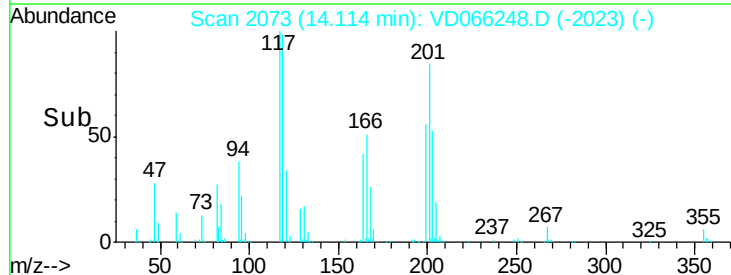
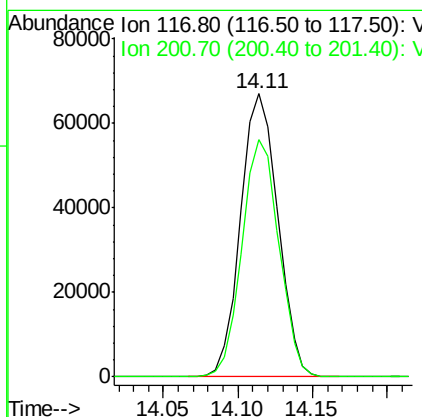
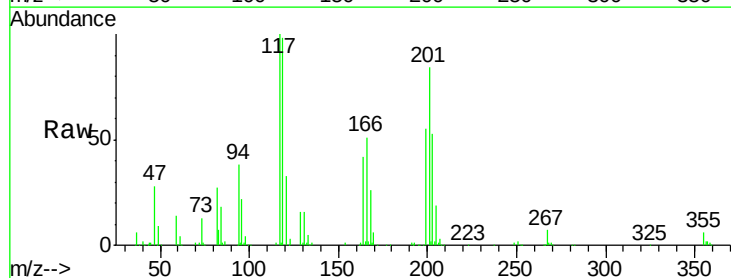
Manual Integrations
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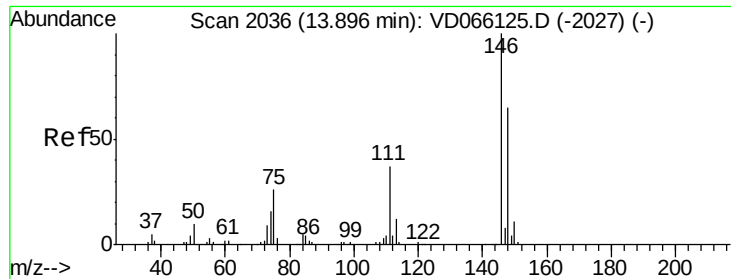
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#90
Hexachloroethane
Concen: 48.584 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.1	42.7	128.1	





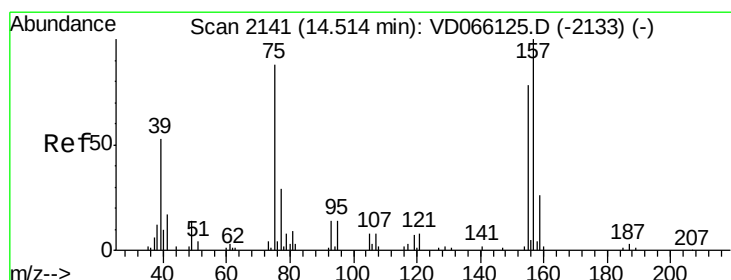
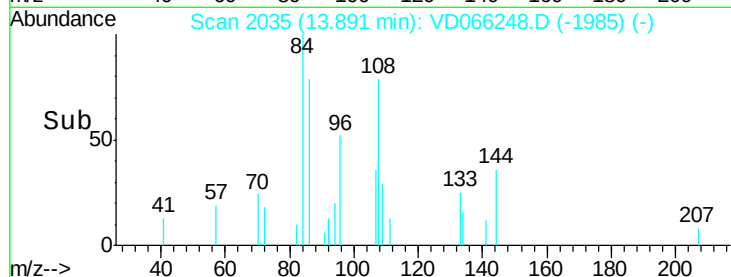
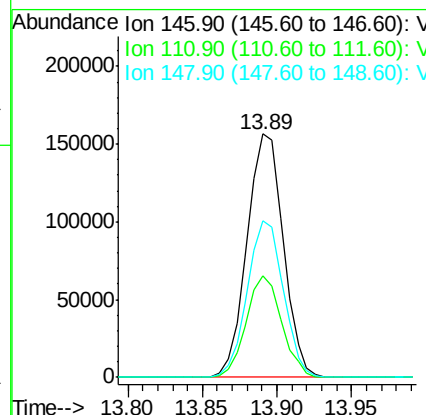
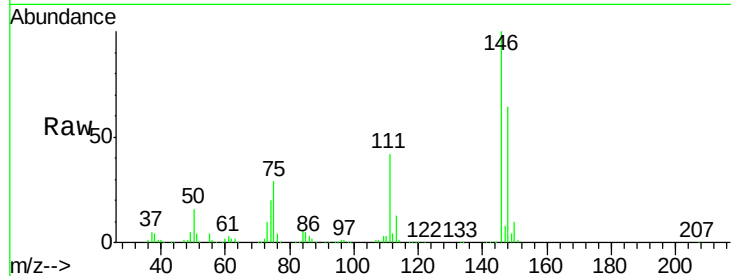
#91
 1,2-Dichlorobenzene
 Concen: 47.736 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.8	56.3
148	64.1	31.9	95.5

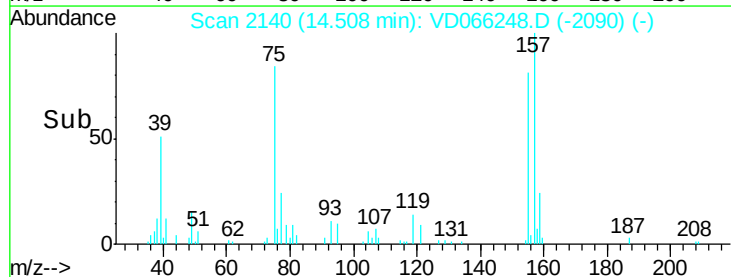
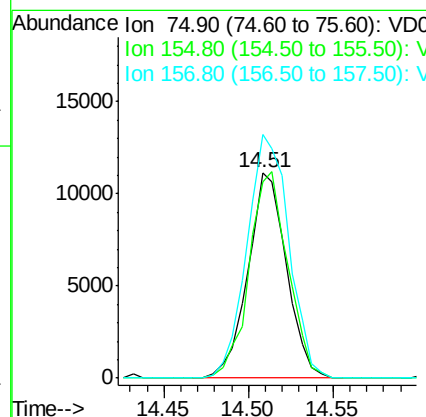
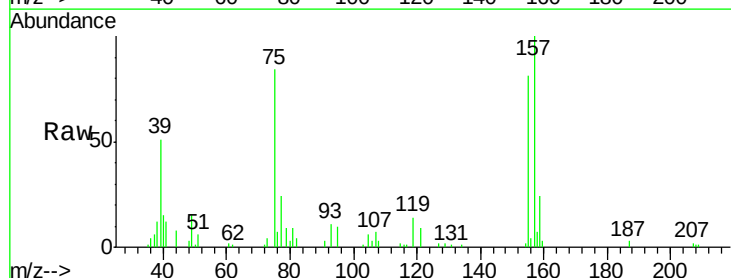
Manual Integrations
 APPROVED

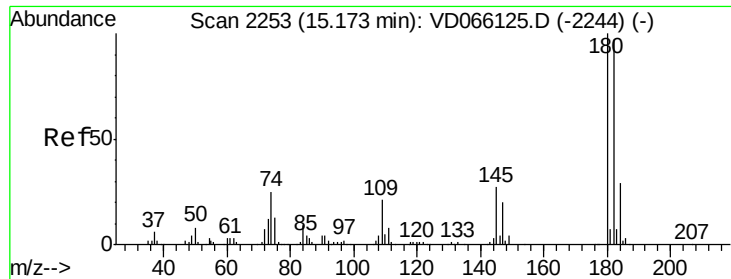
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 8/17/2020 5:45:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.952 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	47.7	143.1
157	129.2	62.1	186.2





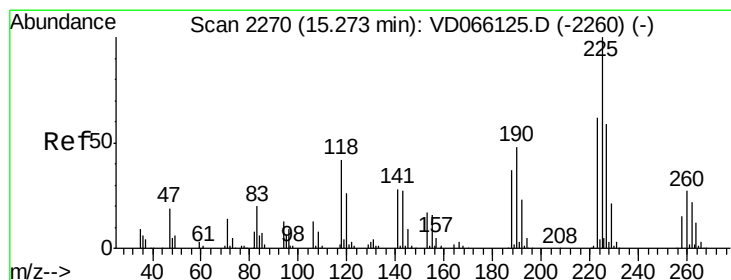
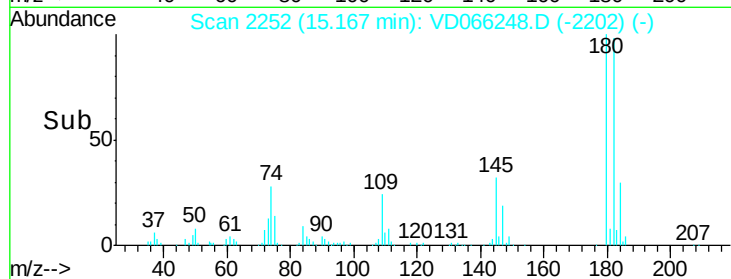
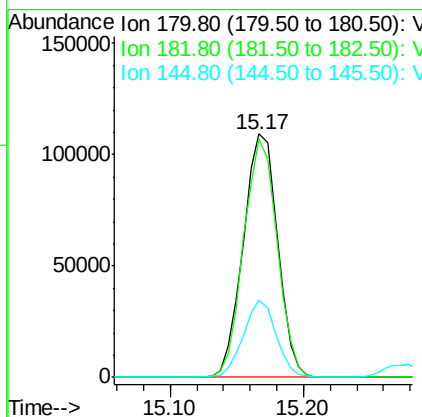
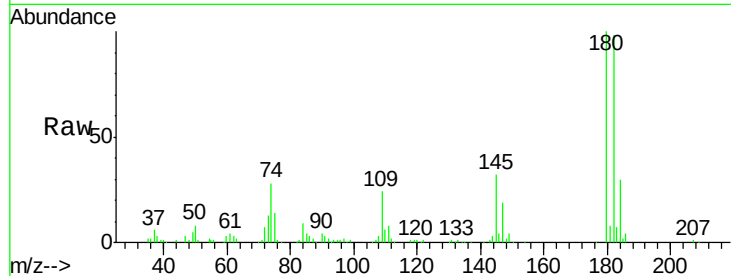
#93
 1,2,4-Trichlorobenzene
 Concen: 47.919 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194621		
182	95.5	47.4	142.2	
145	30.1	14.5	43.6	

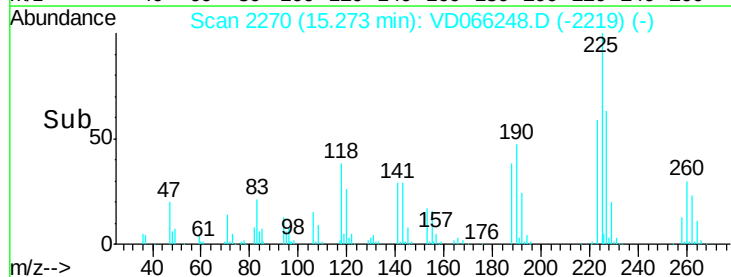
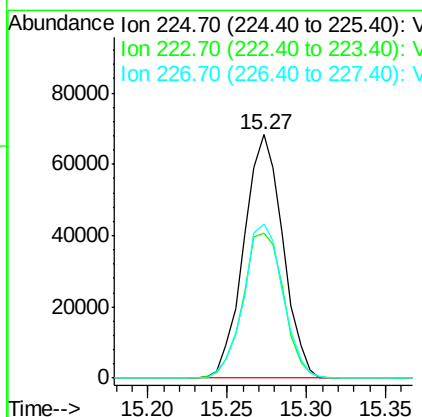
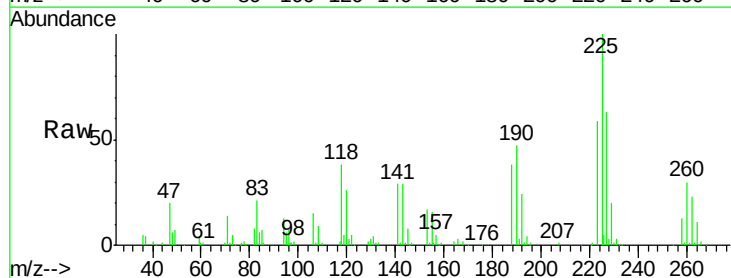
Manual Integrations
 APPROVED

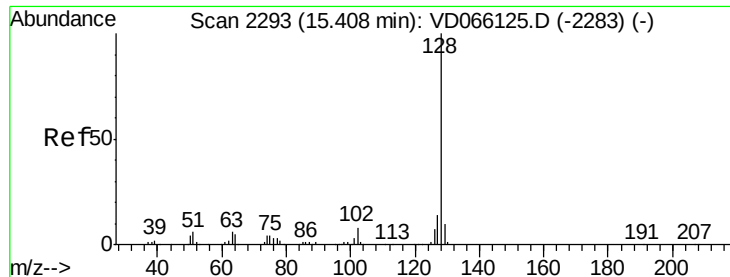
MMDadoda
 8/17/2020 5:45:59 PM



#94
 Hexachlorobutadiene
 Concen: 48.703 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066248.D
 Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116481		
223	62.5	32.3	96.9	
227	63.9	32.1	96.5	





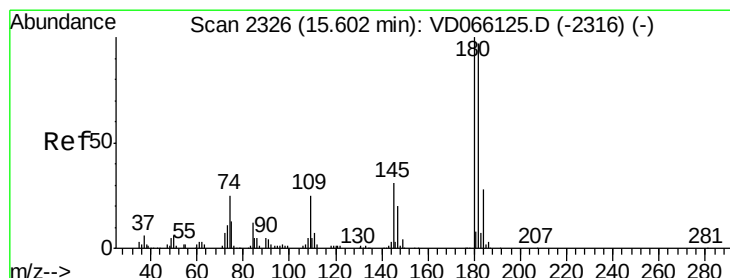
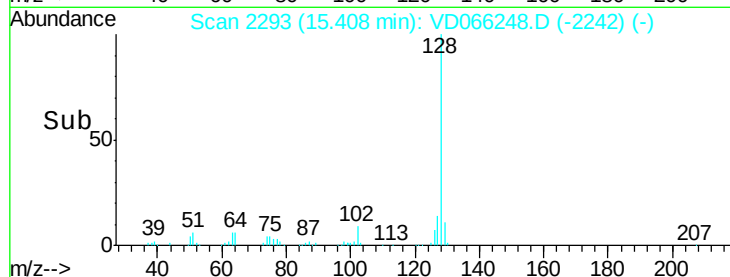
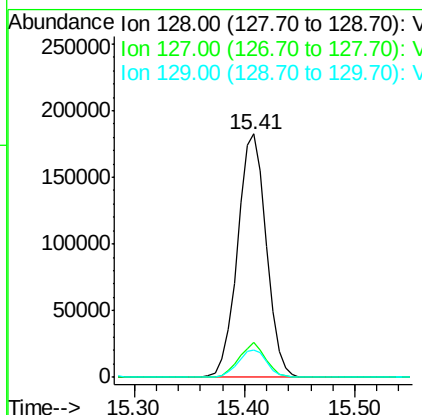
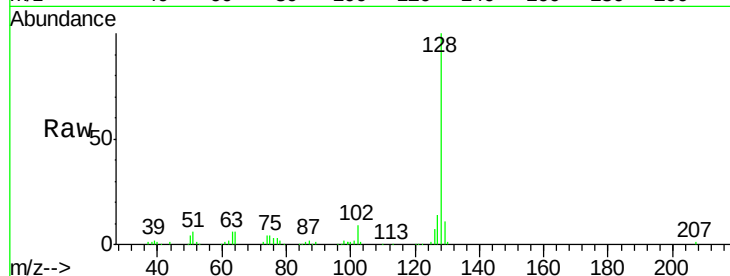
#95
Naphthalene
Concen: 50.465 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	333969		
127	13.3		11.0	16.4
129	11.3		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/17/2020 5:45:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.458 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066248.D
Acq: 14 Aug 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173740		
182	96.1		47.1	141.4
145	32.6		14.9	44.9

