

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066269.D
 Acq On : 17 Aug 2020 20:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:08:51 AM

Quant Time: Aug 18 08:31:18 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	252504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	372409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130801	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
35) Dibromofluoromethane	7.91	113	132869	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
50) Toluene-d8	10.33	98	477756	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.63	95	176021	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	90606	40.728	ug/l	99
3) Chloromethane	2.20	50	71419	41.270	ug/l	95
4) Vinyl Chloride	2.34	62	71078	46.393	ug/l	98
5) Bromomethane	2.76	94	50869	50.045	ug/l	97
6) Chloroethane	2.91	64	45961	48.871	ug/l	90
7) Trichlorofluoromethane	3.27	101	191624	47.975	ug/l	99
8) Diethyl Ether	3.70	74	55913	49.610	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	111144	46.887	ug/l	97
10) Methyl Iodide	4.30	142	105652	49.096	ug/l	97
11) Tert butyl alcohol	5.21	59	39132	229.521	ug/l	95
12) 1,1-Dichloroethene	4.06	96	103254	46.174	ug/l	93
13) Acrolein	3.93	56	33709	187.991	ug/l	98
14) Allyl chloride	4.71	41	159574	47.103	ug/l	95
15) Acrylonitrile	5.42	53	128088	269.701	ug/l	99
16) Acetone	4.16	43	100851	235.944	ug/l	99
17) Carbon Disulfide	4.40	76	295382	41.544	ug/l	99
18) Methyl Acetate	4.71	43	54549	50.243	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	274555	53.566	ug/l	99
20) Methylene Chloride	4.96	84	138733	57.187	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	121862	47.438	ug/l	95
22) Diisopropyl ether	6.36	45	338872	50.582	ug/l	97
23) Vinyl Acetate	6.30	43	1016666	259.037	ug/l	100
24) 1,1-Dichloroethane	6.26	63	209568	50.547	ug/l	97
25) 2-Butanone	7.21	43	154927	246.432	ug/l	98
26) 2,2-Dichloropropane	7.21	77	180011	48.443	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139663	51.834	ug/l	99
28) Bromochloromethane	7.54	49	79260	54.430	ug/l	96
29) Tetrahydrofuran	7.56	42	99838	256.318	ug/l	98
30) Chloroform	7.70	83	229846	52.796	ug/l	98
31) Cyclohexane	7.98	56	170170	43.118	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	212360	52.025	ug/l	99
36) 1,1-Dichloropropene	8.11	75	167839	47.961	ug/l	99
37) Ethyl Acetate	7.29	43	70963	51.179	ug/l	98
38) Carbon Tetrachloride	8.08	117	199775	51.191	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	197383	46.659	ug/l	100
40) Benzene	8.34	78	479320	49.374	ug/l	98
41) Methacrylonitrile	7.53	41	42367m	51.968	ug/l	
42) 1,2-Dichloroethane	8.42	62	149605	52.458	ug/l	100
43) Isopropyl Acetate	8.44	43	143144	52.397	ug/l	97
44) Trichloroethene	9.11	130	147608	50.458	ug/l	98
45) 1,2-Dichloropropane	9.38	63	119115	50.168	ug/l	92
46) Dibromomethane	9.47	93	69260	52.958	ug/l	100
47) Bromodichloromethane	9.66	83	182299	52.740	ug/l	96
48) Methyl methacrylate	9.45	41	66833	47.910	ug/l #	83
49) 1,4-Dioxane	9.46	88	15786	939.515	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	363593	259.103	ug/l	99
52) Toluene	10.40	92	322090	50.421	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	169442	51.654	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	195898	50.971	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	95464	50.692	ug/l	95
56) Ethyl methacrylate	10.66	69	121576	53.740	ug/l	97
57) 1,3-Dichloropropane	10.94	76	160599	51.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	280518	275.665	ug/l	99
59) 2-Hexanone	10.98	43	249681	253.524	ug/l	98
60) Dibromochloromethane	11.14	129	135752	52.214	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96245	53.142	ug/l	100
64) Tetrachloroethene	10.87	164	128444	47.965	ug/l	97
65) Chlorobenzene	11.67	112	351881	49.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	141819	51.200	ug/l	97
67) Ethyl Benzene	11.74	91	629952	51.350	ug/l	99
68) m/p-Xylenes	11.85	106	477602	100.484	ug/l	97
69) o-Xylene	12.18	106	219121	50.679	ug/l	98
70) Styrene	12.19	104	395459	52.189	ug/l	99
71) Bromoform	12.36	173	85613	52.168	ug/l #	97
73) Isopropylbenzene	12.48	105	620668	49.991	ug/l	99
74) N-amyl acetate	12.29	43	137215	50.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	103307	48.797	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	66883m	43.120	ug/l	
77) Bromobenzene	12.76	156	160647	50.264	ug/l	98
78) n-propylbenzene	12.82	91	711214	49.279	ug/l	100
79) 2-Chlorotoluene	12.91	91	404902	49.053	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	522624	50.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	34370	48.983	ug/l	97
82) 4-Chlorotoluene	13.01	91	424644	48.733	ug/l	99
83) tert-Butylbenzene	13.23	119	450659	49.352	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	520412	50.081	ug/l	99
85) sec-Butylbenzene	13.40	105	616891	50.037	ug/l	99
86) p-Isopropyltoluene	13.52	119	582598	50.384	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	294858	49.087	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	289538	48.333	ug/l	99
89) n-Butylbenzene	13.84	91	517281	49.930	ug/l	100
90) Hexachloroethane	14.11	117	112342	48.713	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	267113	50.282	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18618	51.168	ug/l	97

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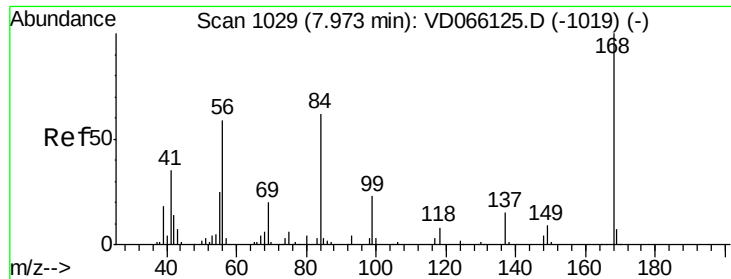
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	191983	49.040	ug/l	99
94) Hexachlorobutadiene	15.27	225	112776	48.920	ug/l	99
95) Naphthalene	15.41	128	334559	52.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	173746	50.275	ug/l	99

(#) = 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: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 252504

Ion Ratio Lower Upper

168 100

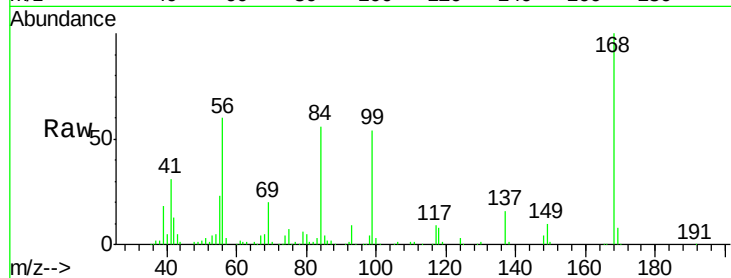
99 53.9 42.2 63.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

60000

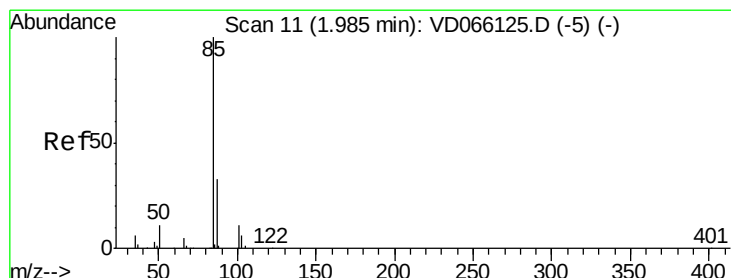
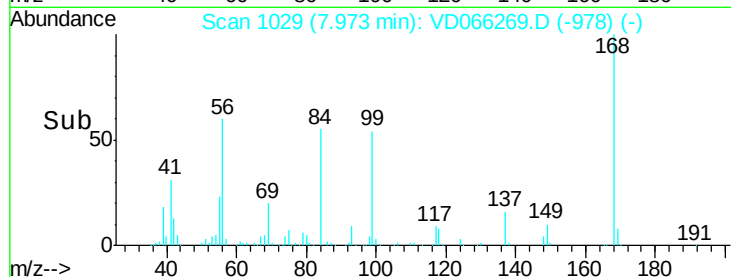
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.728 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066269.D

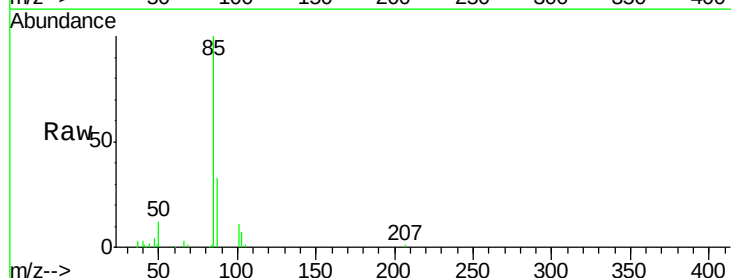
Acq: 17 Aug 2020 20:27

Tgt Ion: 85 Resp: 90606

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

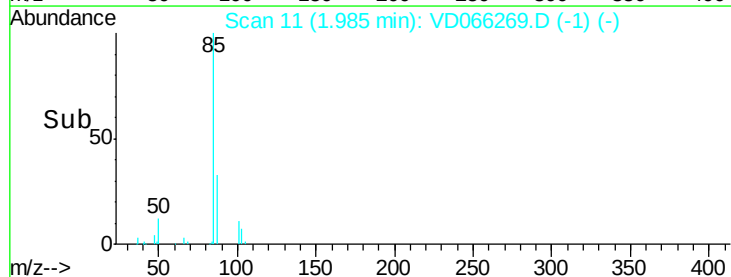
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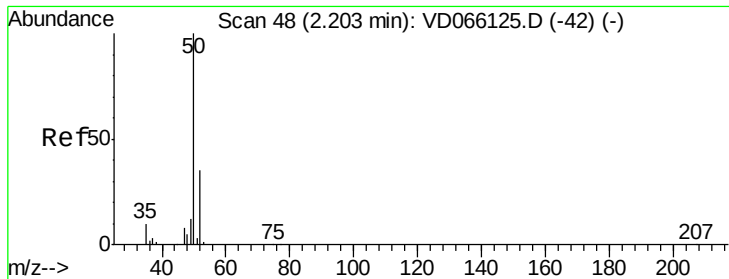
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.270 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 71419

Ion Ratio Lower Upper

50 100

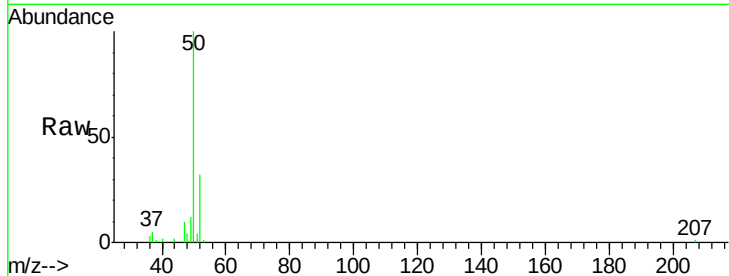
52 32.0 27.9 41.9

Manual Integrations

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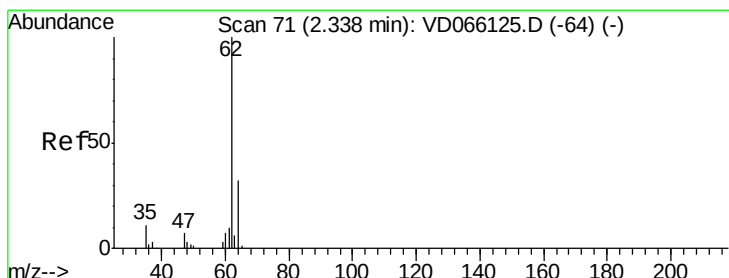
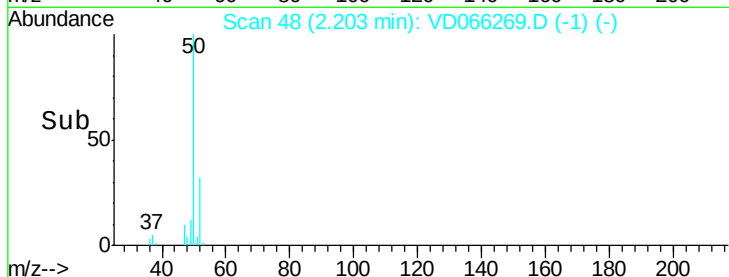
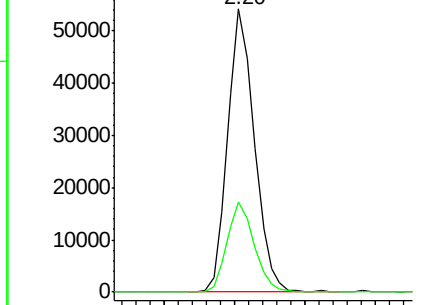
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.393 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066269.D

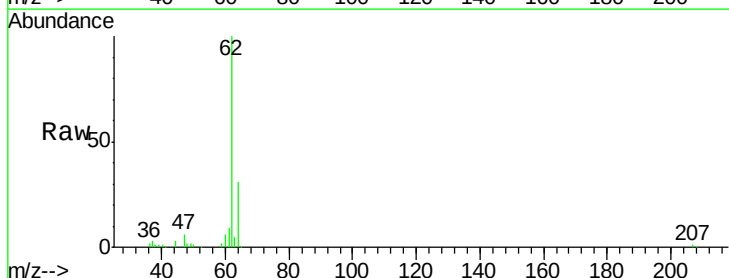
Acq: 17 Aug 2020 20:27

Tgt Ion: 62 Resp: 71078

Ion Ratio Lower Upper

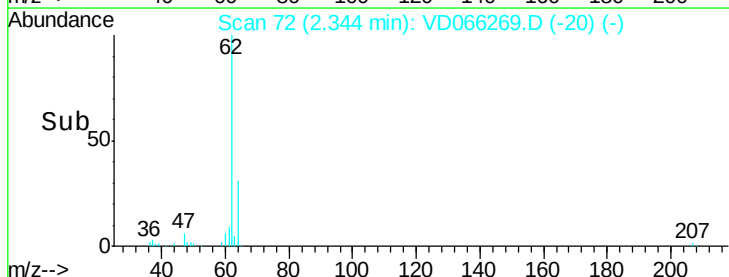
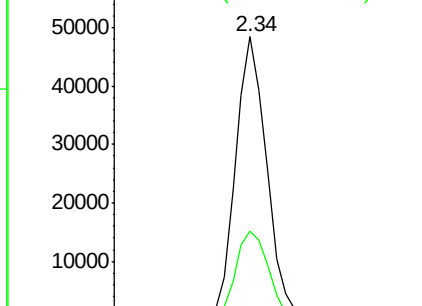
62 100

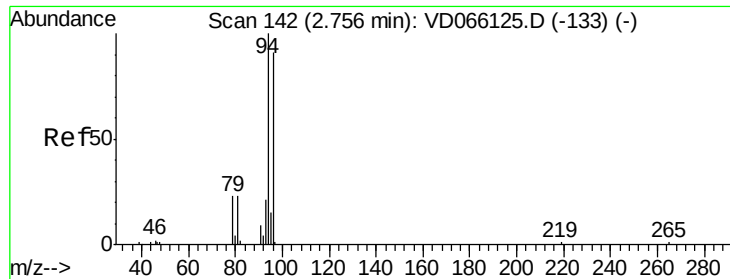
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.045 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 50869

Ion Ratio Lower Upper

94 100

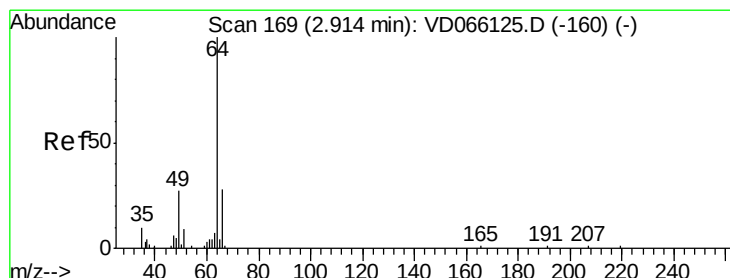
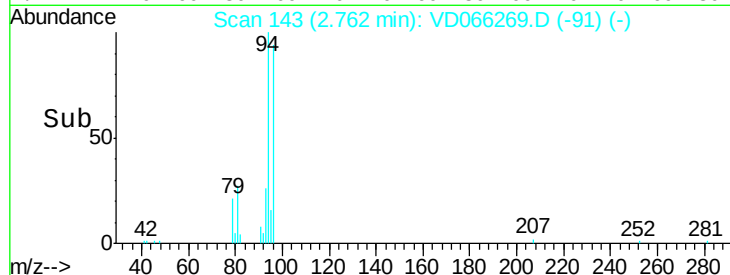
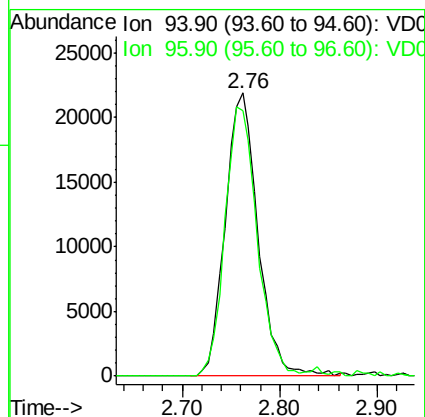
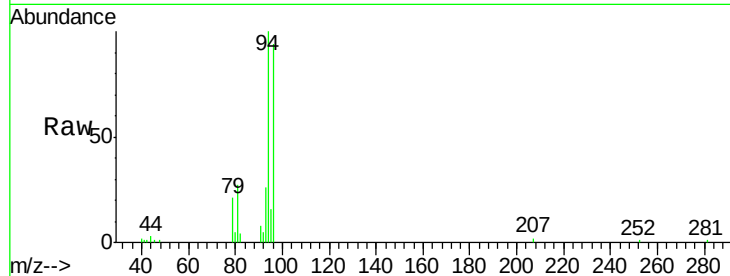
96 94.0 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 48.871 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066269.D

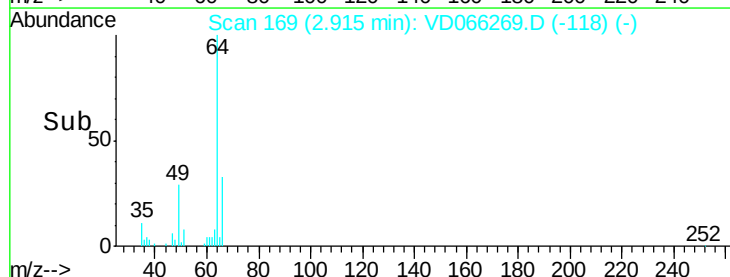
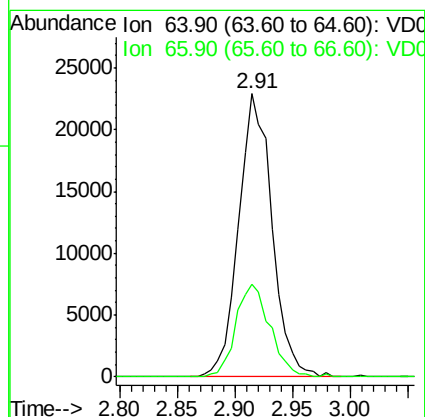
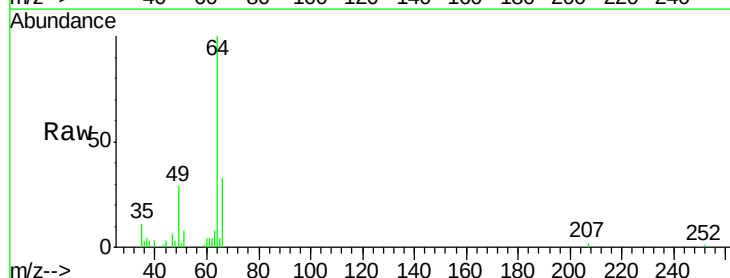
Acq: 17 Aug 2020 20:27

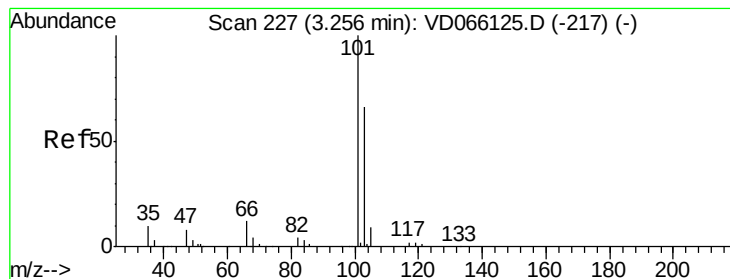
Tgt Ion: 64 Resp: 45961

Ion Ratio Lower Upper

64 100

66 32.6 22.0 33.0





#7

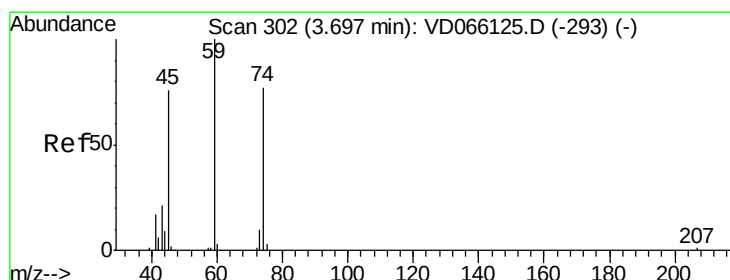
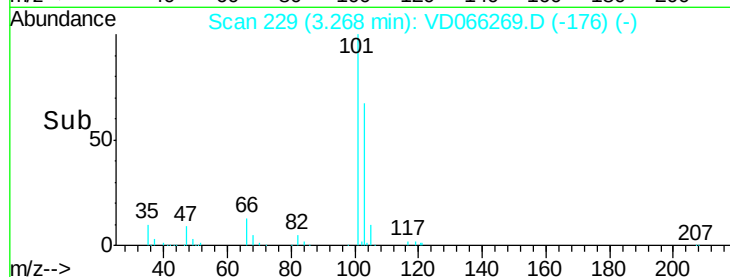
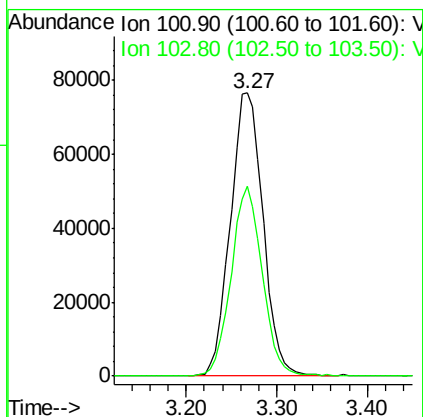
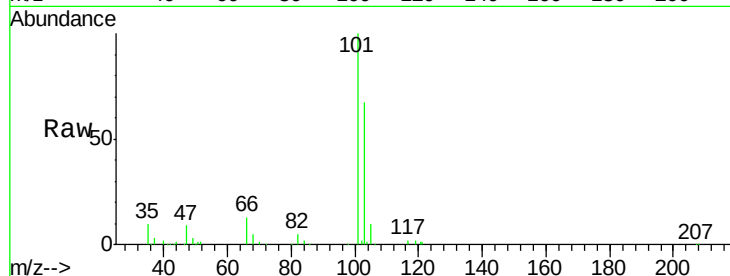
Trichlorofluoromethane
 Concen: 47.975 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	191624		
103	66.9	53.0	79.6	

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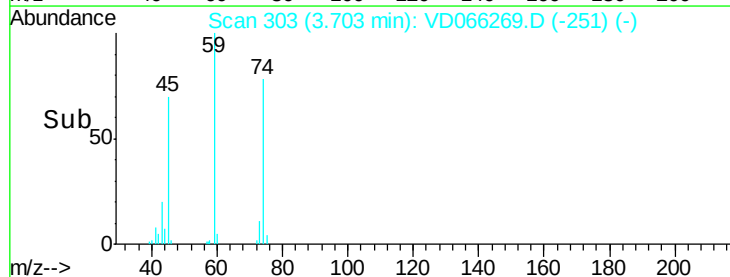
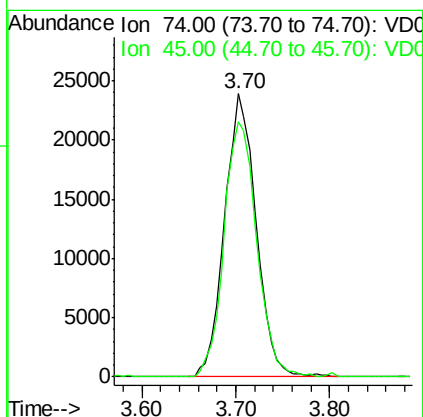
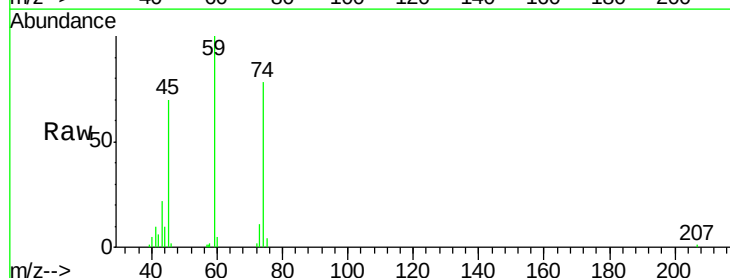
MMDadoda
 8/18/2020 11:08:51 AM

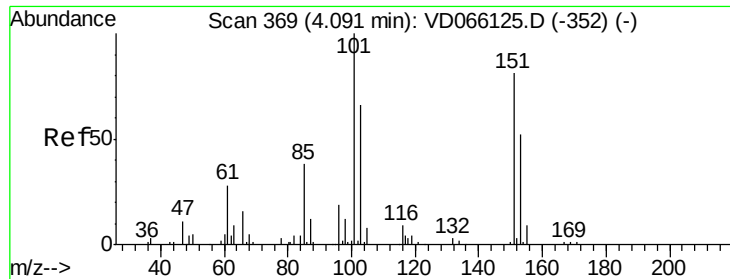


#8

Diethyl Ether
 Concen: 49.610 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	55913		
45	93.4	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.887 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

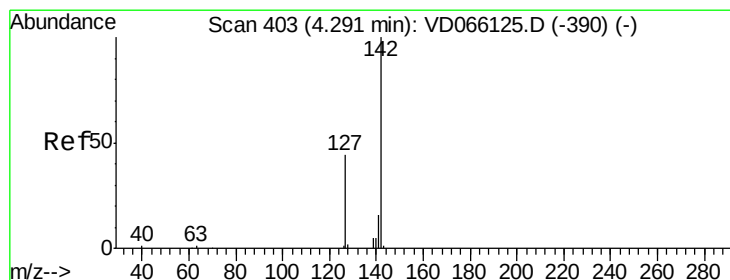
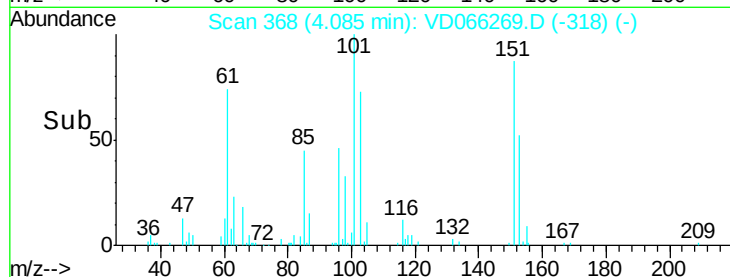
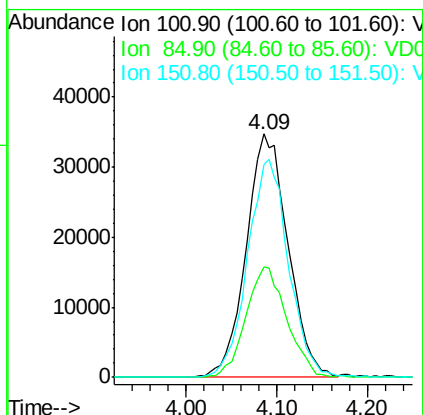
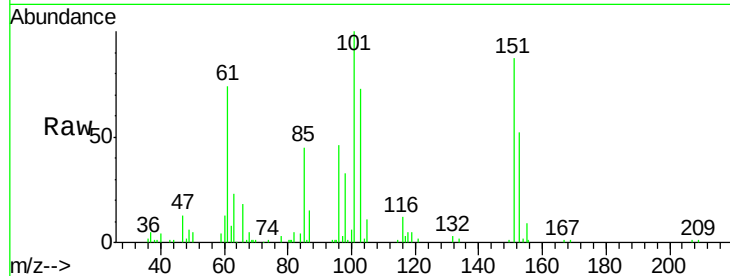
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	111144
Ion Ratio	Lower	Upper	
101	100		
85	44.4	33.5	50.3
151	87.8	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 49.096 ug/l

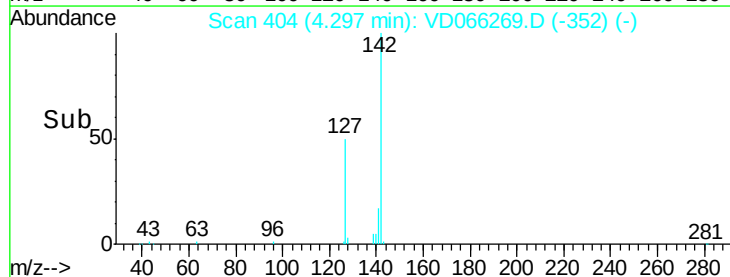
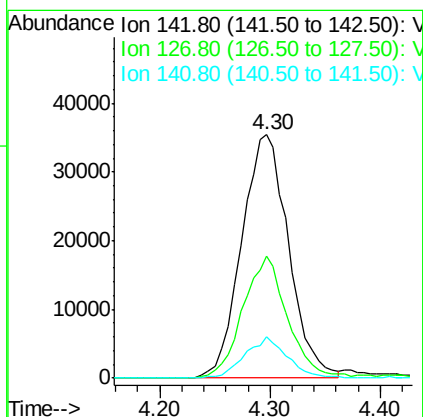
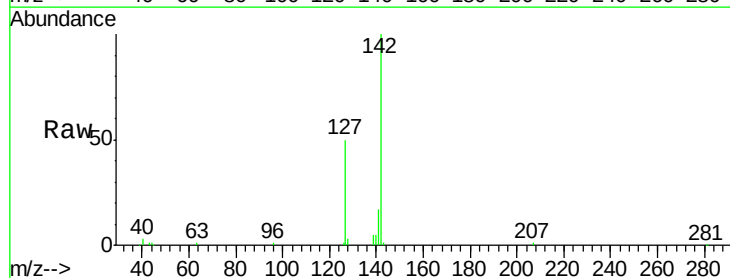
RT: 4.30 min Scan# 404

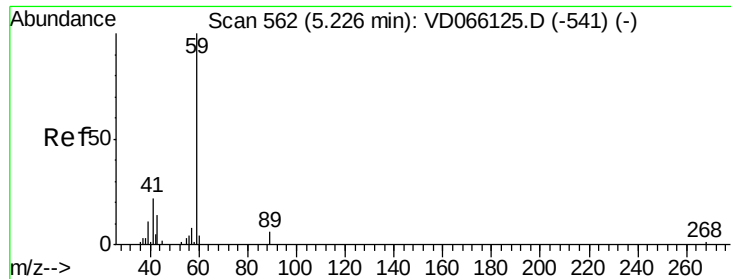
Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion:	142	Resp:	105652
Ion Ratio	Lower	Upper	
142	100		
127	47.9	36.2	54.4
141	15.3	12.6	18.8





#11

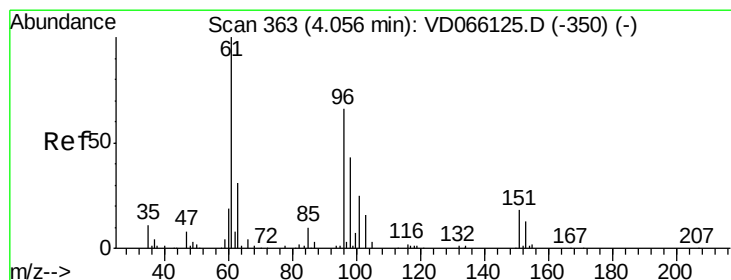
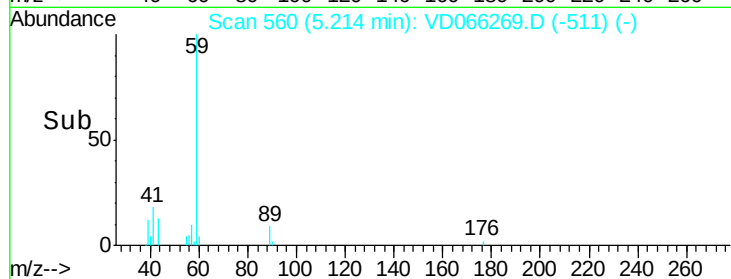
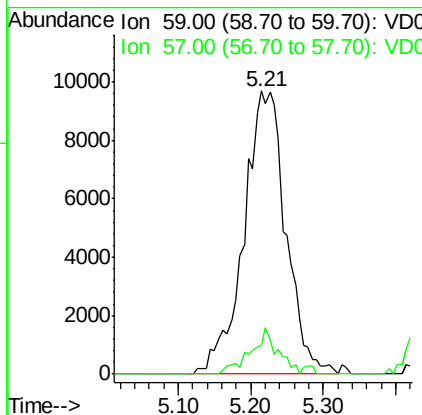
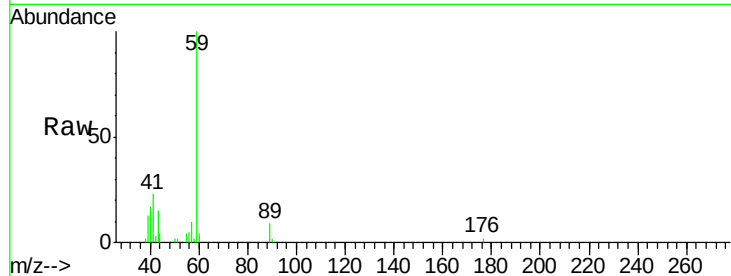
Tert butyl alcohol
 Concen: 229.521 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.0	10.4

Manual Integrations
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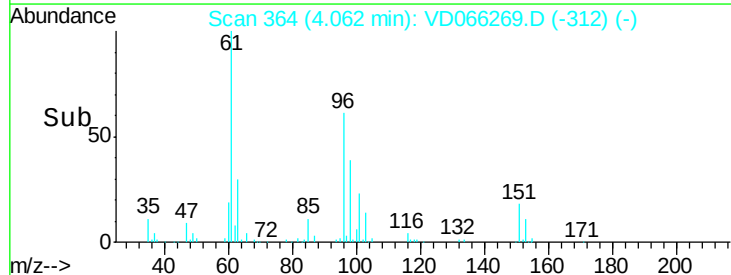
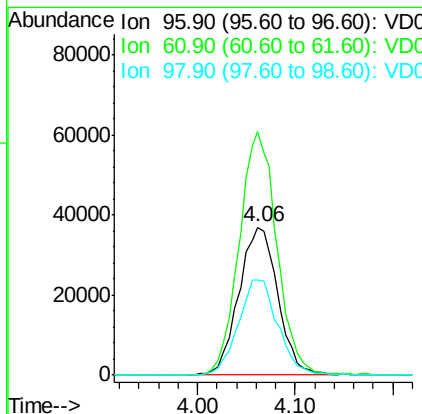
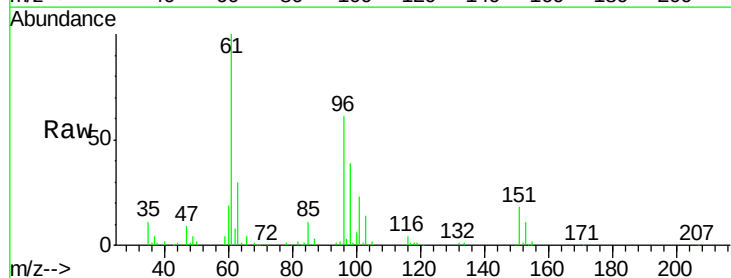
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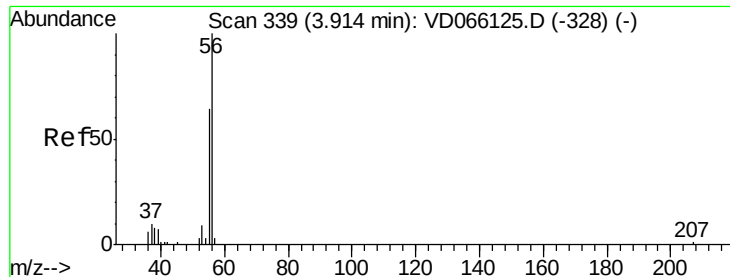


#12

1,1-Dichloroethene
 Concen: 46.174 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.9	121.6	182.4
98	64.7	52.0	78.0





#13

Acrolein

Concen: 187.991 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 33709

Ion Ratio Lower Upper

56 100

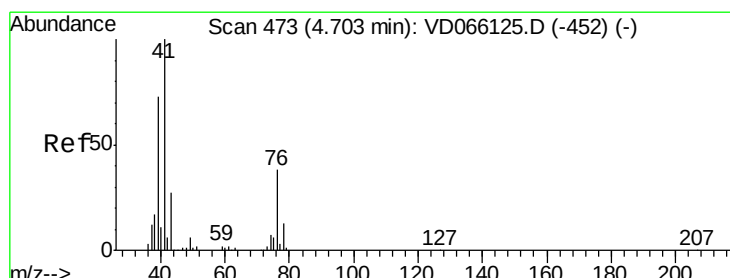
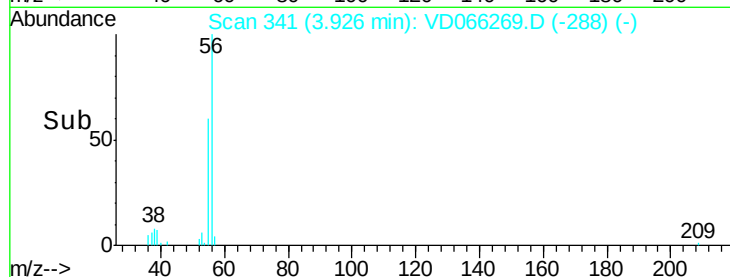
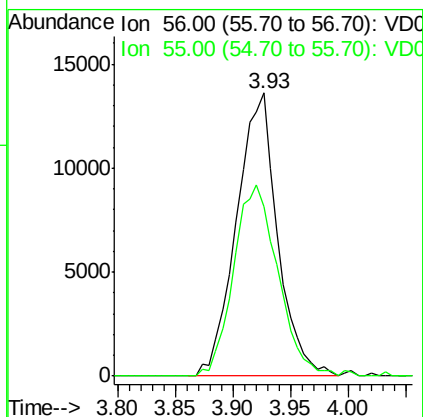
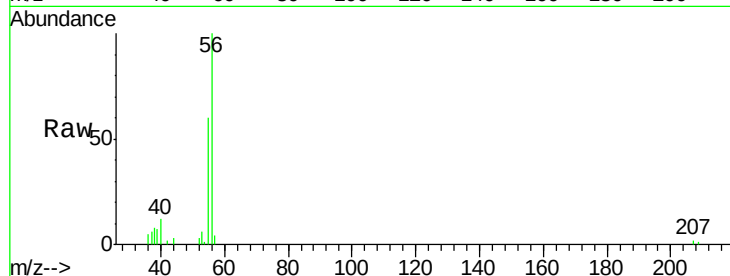
55 72.5 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 47.103 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

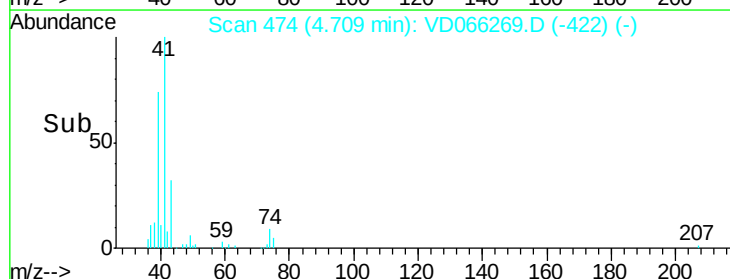
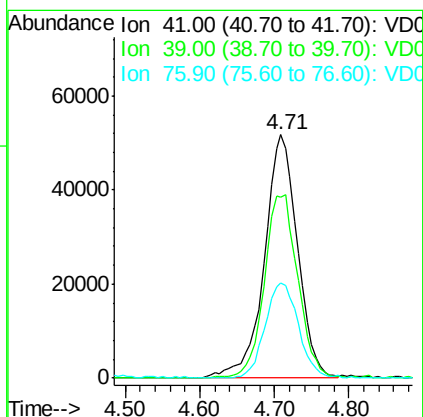
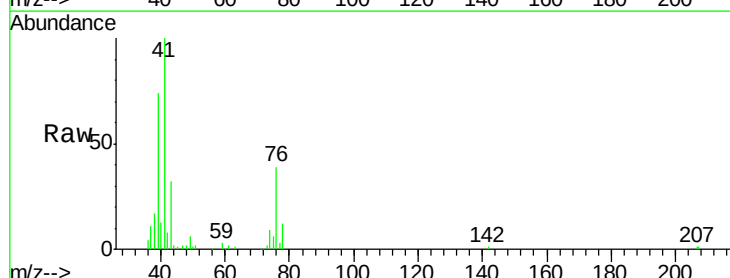
Tgt Ion: 41 Resp: 159574

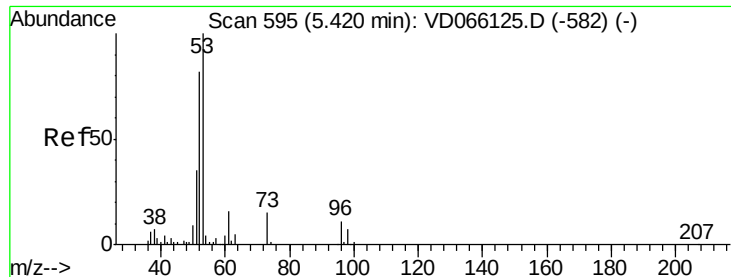
Ion Ratio Lower Upper

41 100

39 76.6 57.4 86.0

76 39.5 30.1 45.1





#15

Acrylonitrile

Concen: 269.701 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

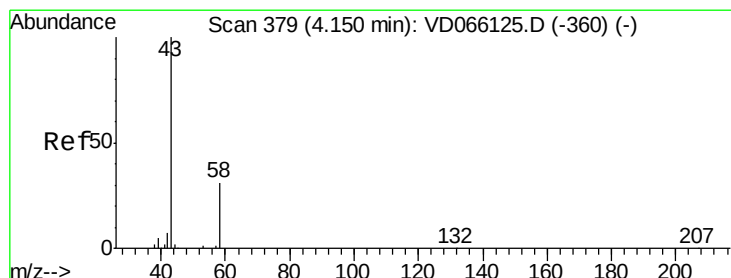
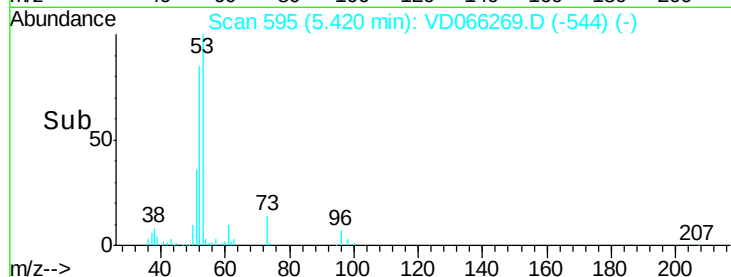
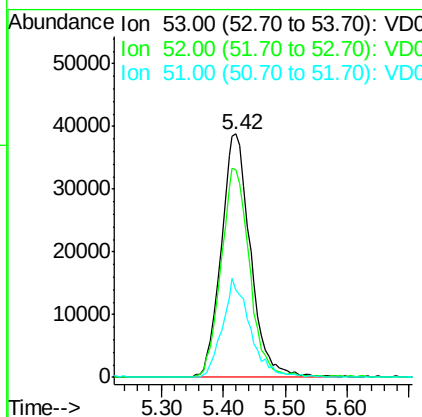
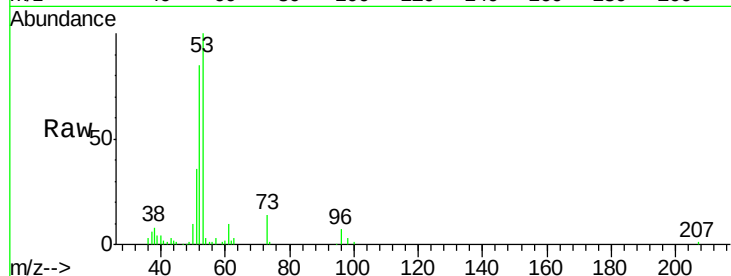
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	128088
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.1	99.1
51	38.0	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 235.944 ug/l

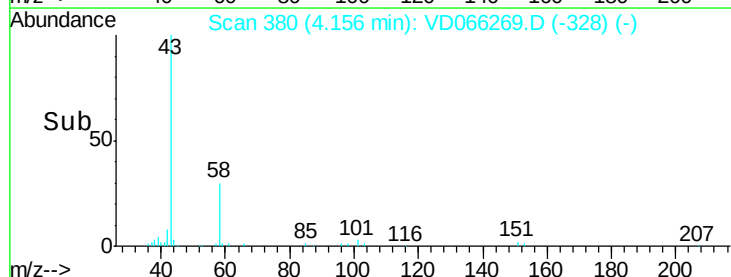
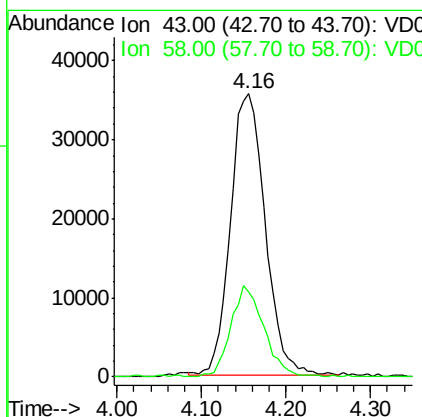
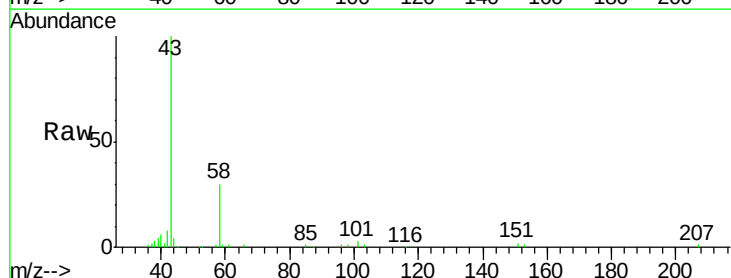
RT: 4.16 min Scan# 380

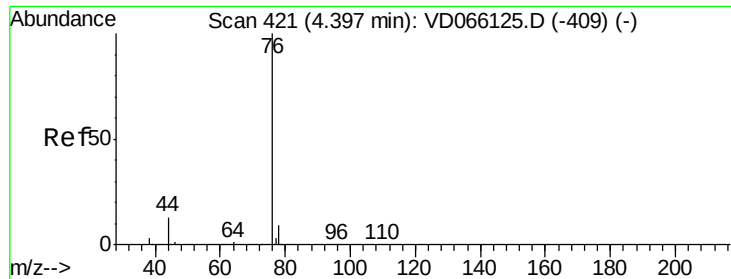
Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion:	43	Resp:	100851
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.7	37.1





#17

Carbon Disulfide

Concen: 41.544 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 295382

Ion Ratio Lower Upper

76 100

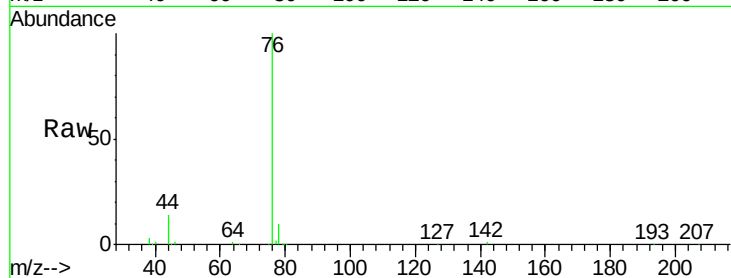
78 9.8 7.5 11.3

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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

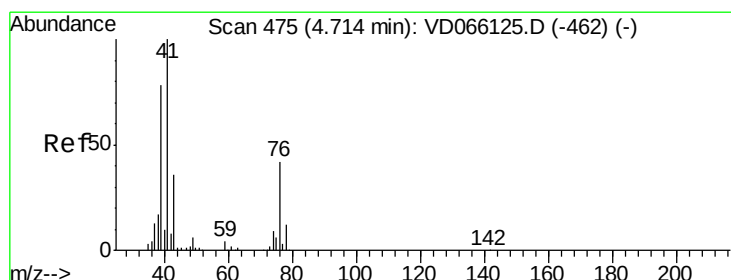
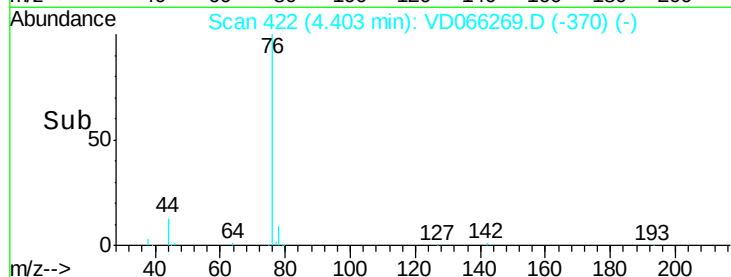
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.243 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066269.D

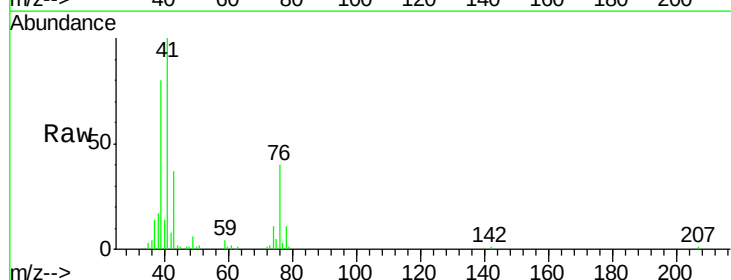
Acq: 17 Aug 2020 20:27

Tgt Ion: 43 Resp: 54549

Ion Ratio Lower Upper

43 100

74 26.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

20000

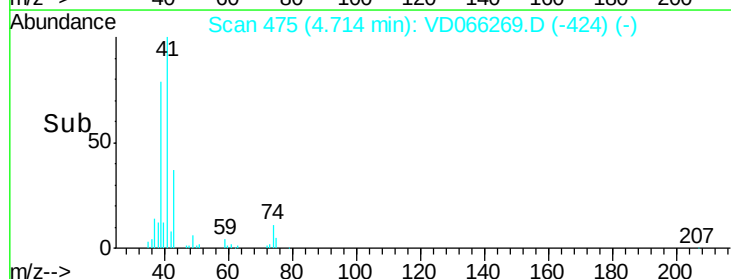
15000

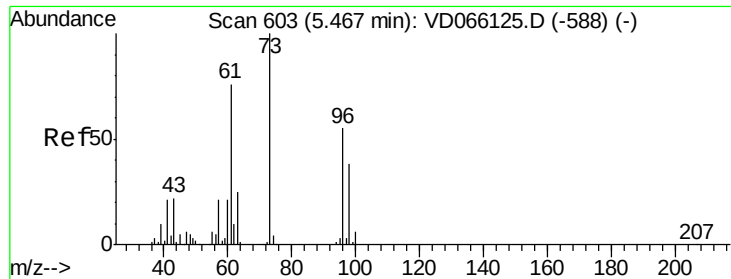
10000

5000

0

Time-->





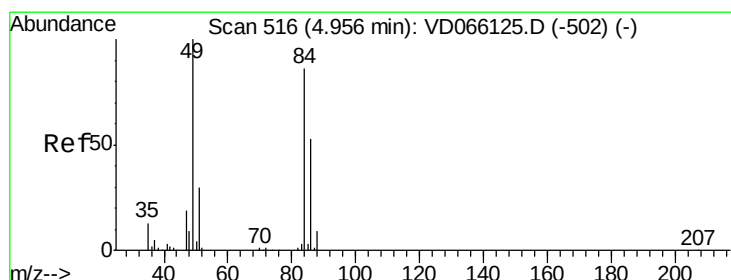
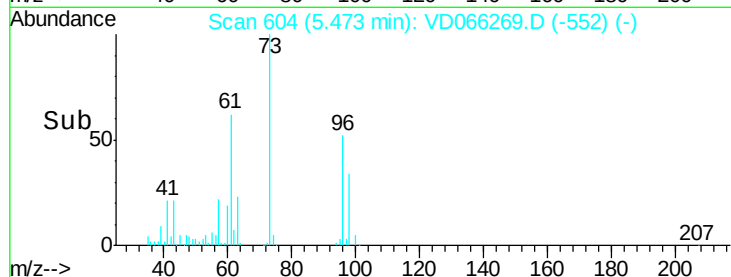
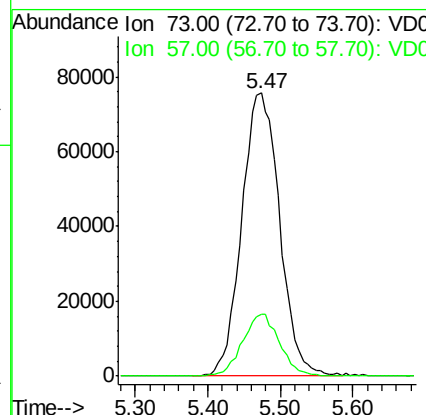
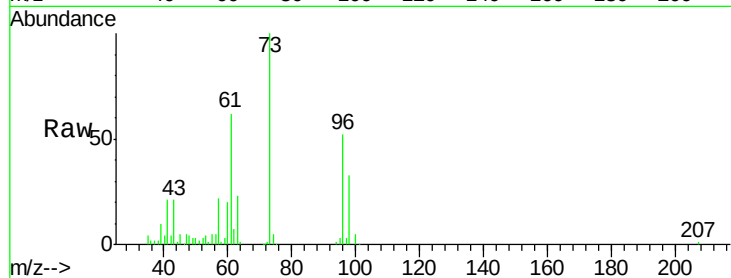
#19
Methyl tert-butyl Ether
Concen: 53.566 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 274555
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

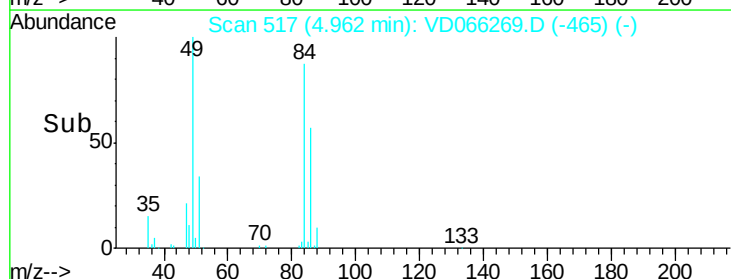
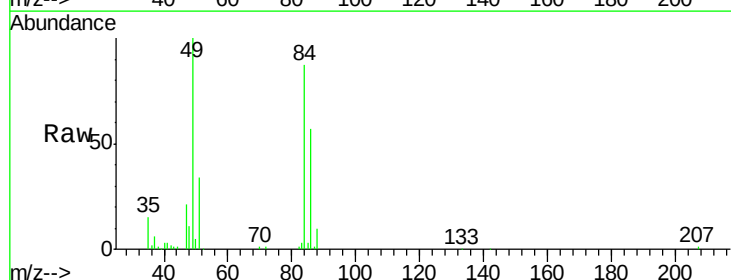
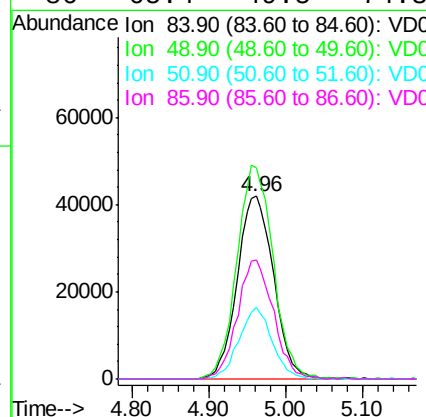
Manual Integrations
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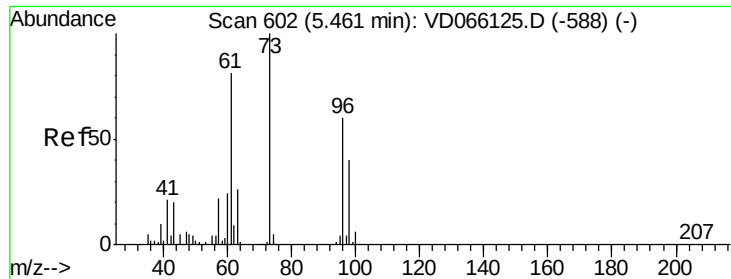
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#20
Methylene Chloride
Concen: 57.187 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 84 Resp: 138733
Ion Ratio Lower Upper
84 100
49 115.3 93.5 140.3
51 38.9 28.2 42.4
86 65.4 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.438 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

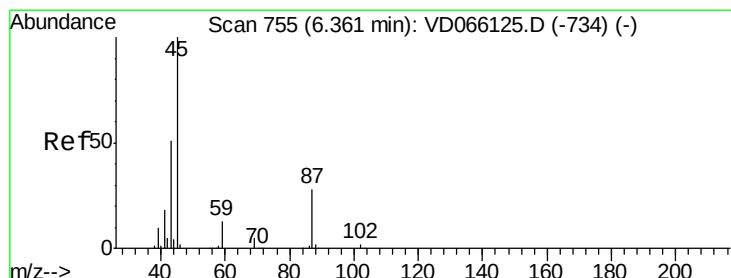
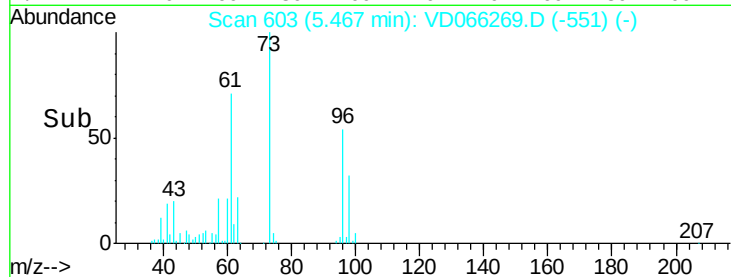
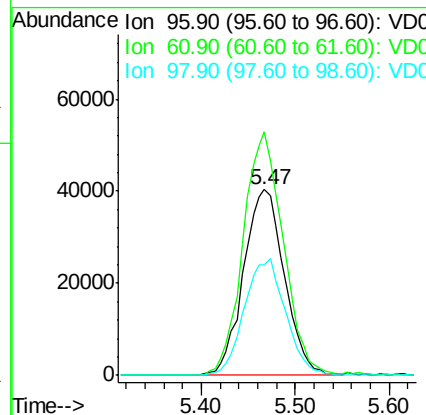
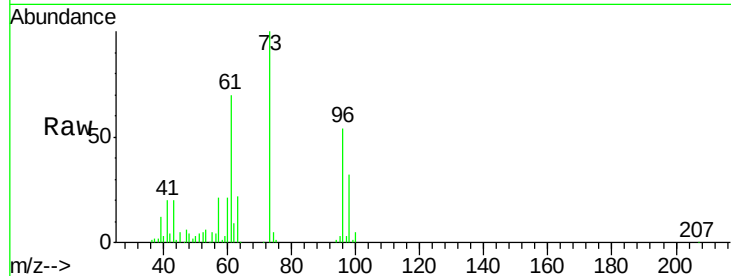
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	121862
Ion	Ratio	Lower	Upper
96	100		
61	131.0	106.9	160.3
98	59.4	53.4	80.0

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#22

Diisopropyl ether

Concen: 50.582 ug/l

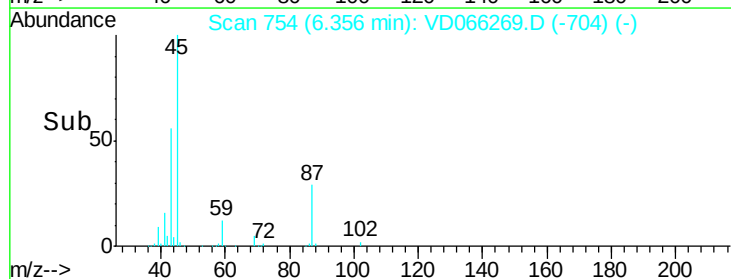
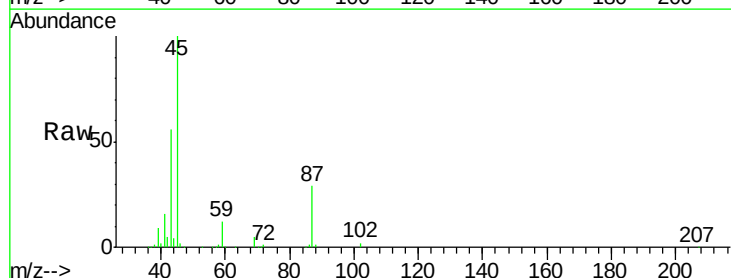
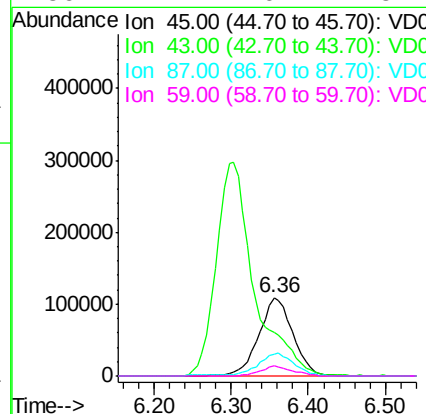
RT: 6.36 min Scan# 754

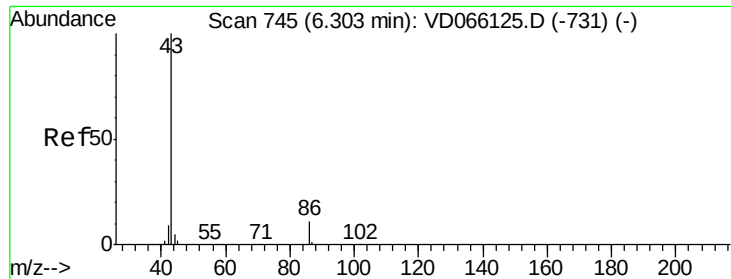
Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion:	45	Resp:	338872
Ion	Ratio	Lower	Upper
45	100		
43	55.3	41.2	61.8
87	28.4	22.8	34.2
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 259.037 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1016666

Ion Ratio Lower Upper

43 100

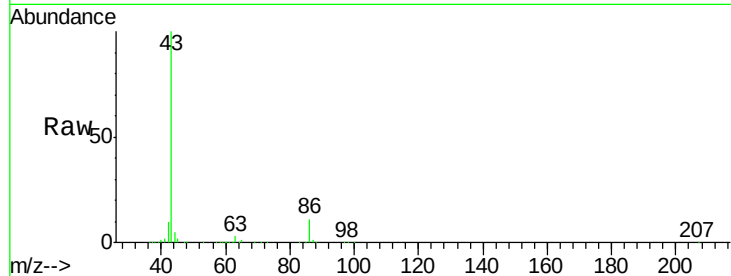
86 11.5 9.1 13.7

Manual Integrations

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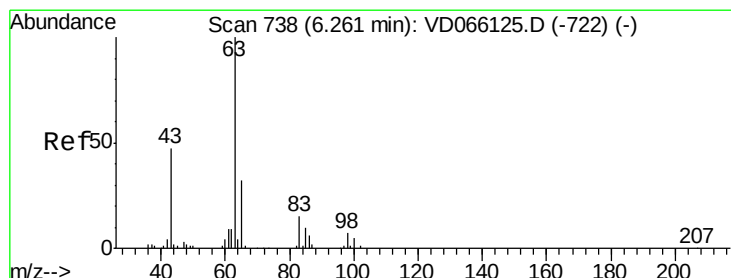
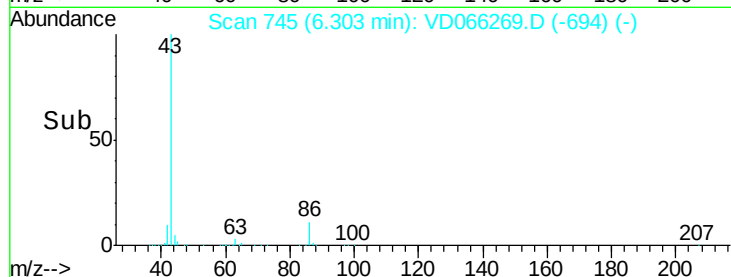
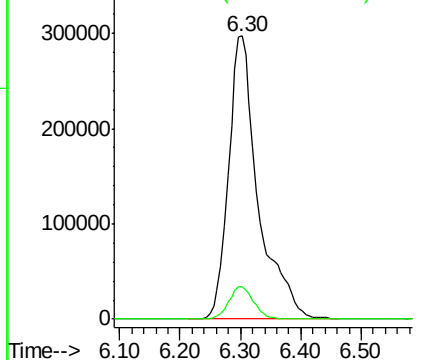
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

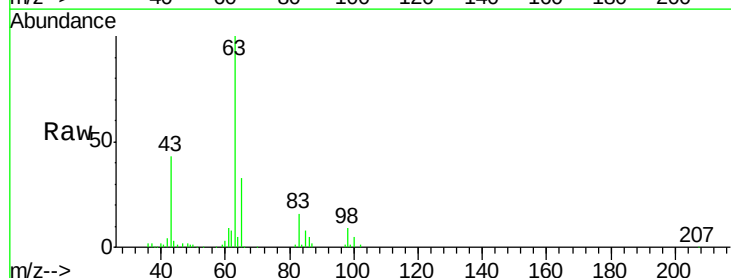
Tgt Ion: 63 Resp: 209568

Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.5

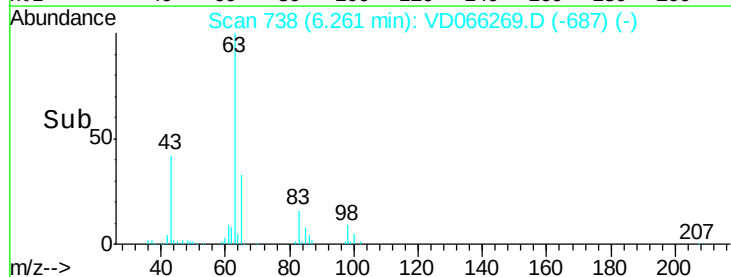
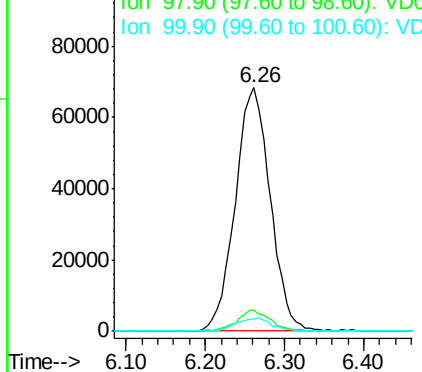
100 4.7 2.4 7.2

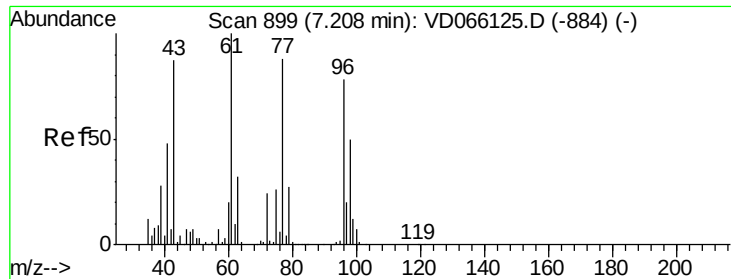


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 246.432 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 154927

Ion Ratio Lower Upper

43 100

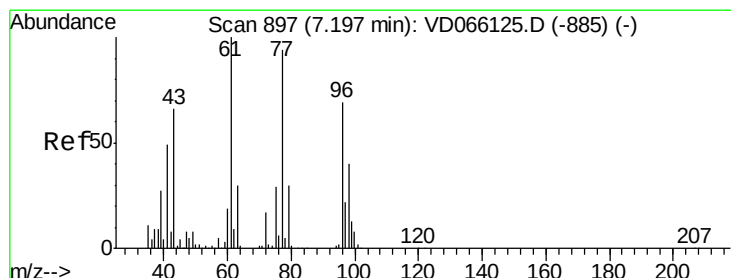
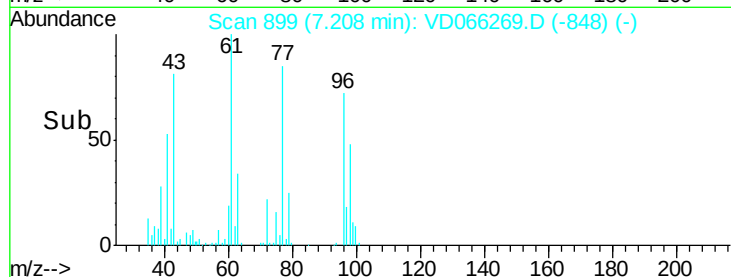
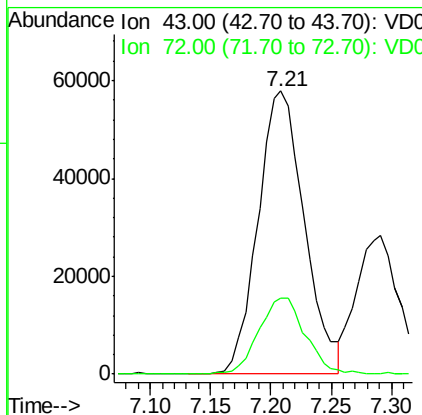
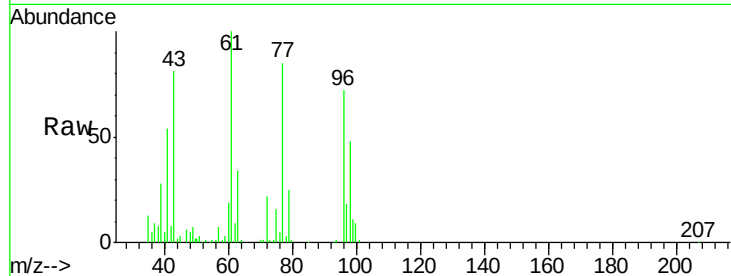
72 26.9 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.443 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066269.D

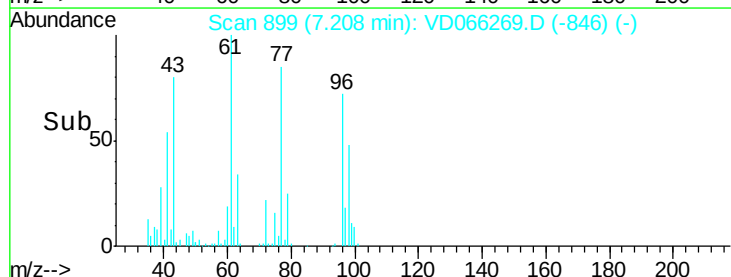
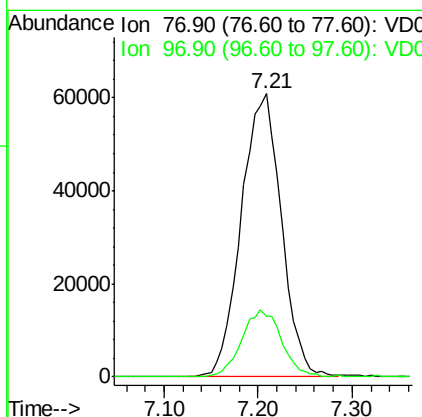
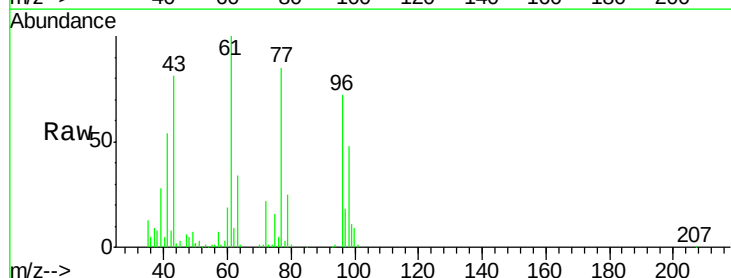
Acq: 17 Aug 2020 20:27

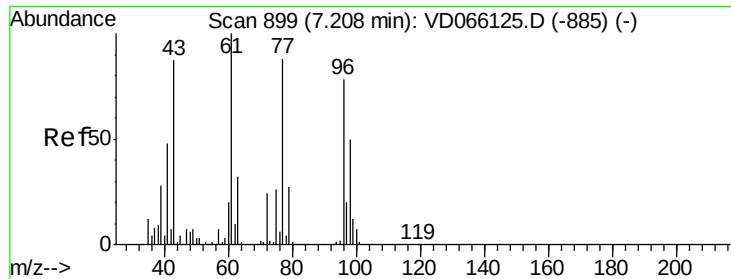
Tgt Ion: 77 Resp: 180011

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

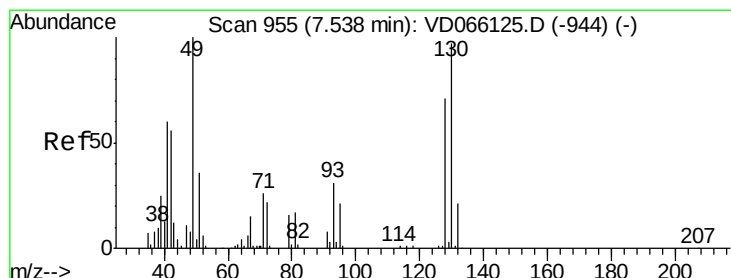
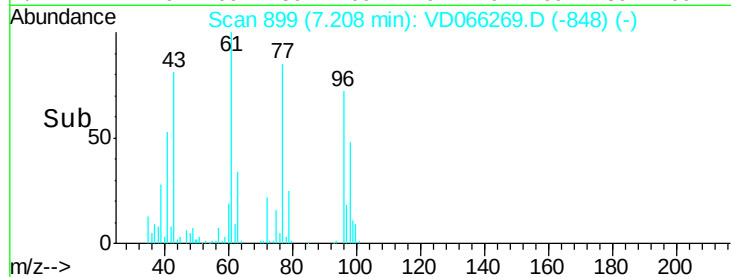
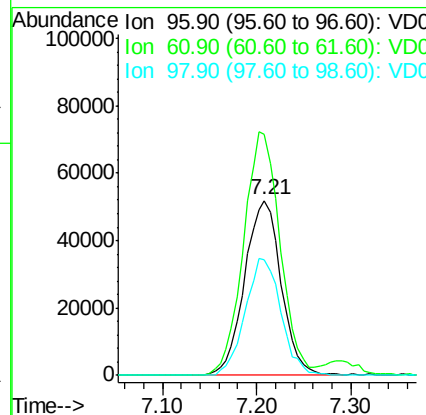
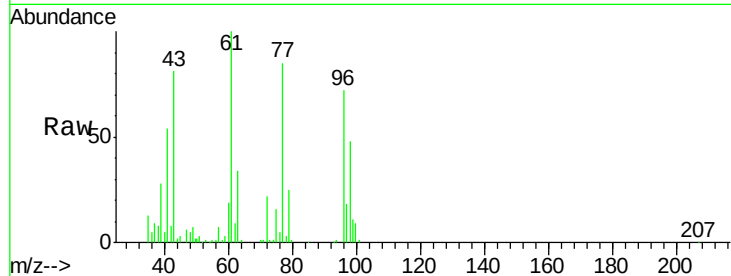
cis-1,2-Dichloroethene
Concen: 51.834 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139663		
61	139.4	0.0	281.6	
98	65.2	0.0	130.8	

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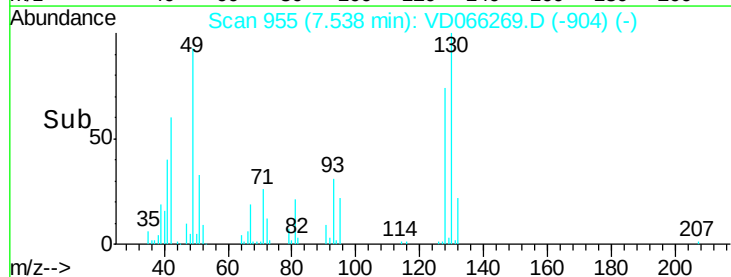
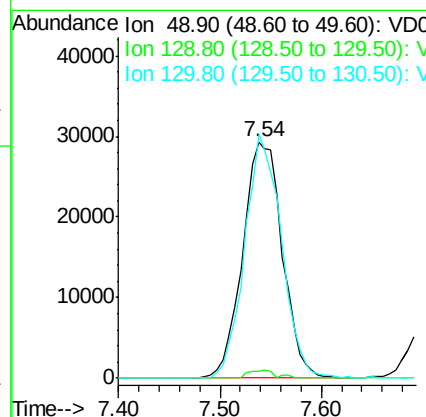
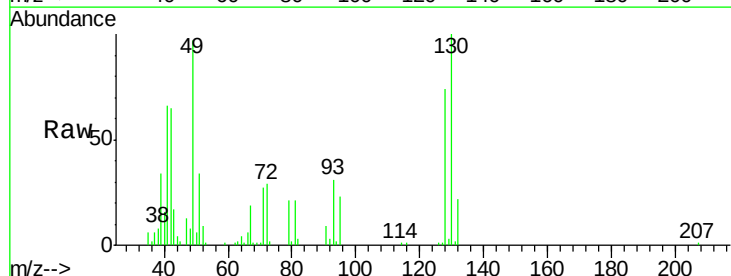
MMDadoda
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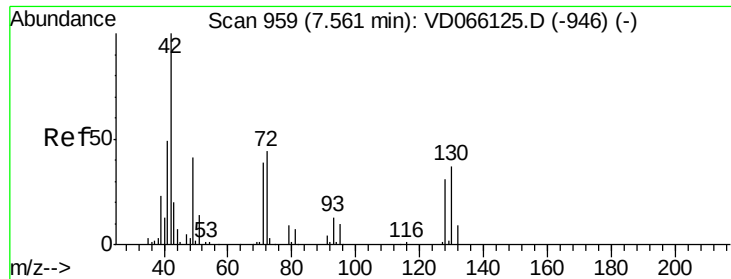


#28

Bromochloromethane
Concen: 54.430 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79260		
129	2.3	0.0	6.0	
130	95.9	73.8	110.6	





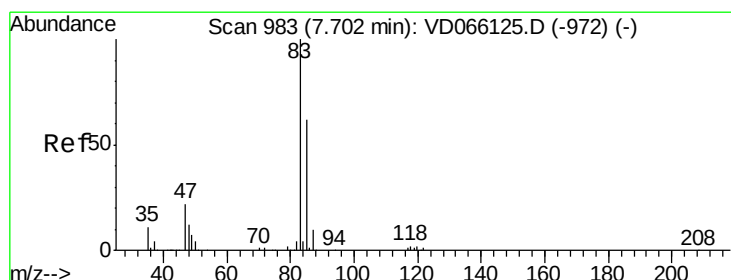
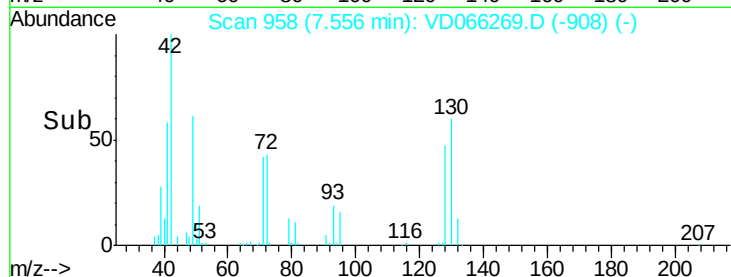
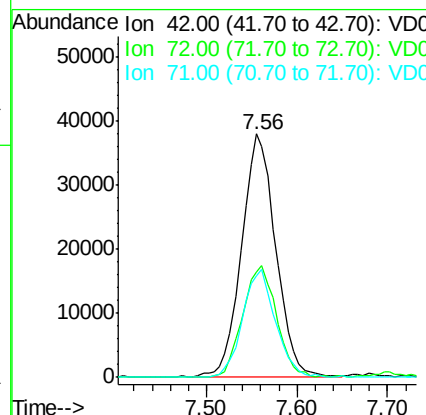
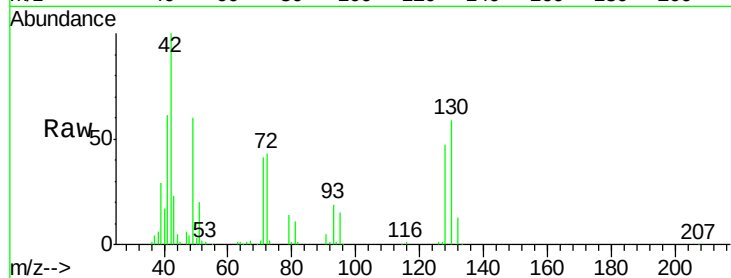
#29
Tetrahydrofuran
Concen: 256.318 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.8	52.2
71	42.8	33.5	50.3

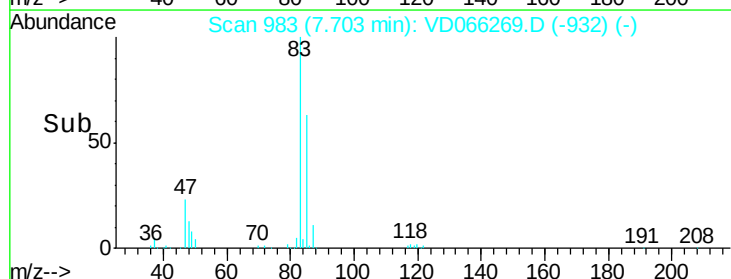
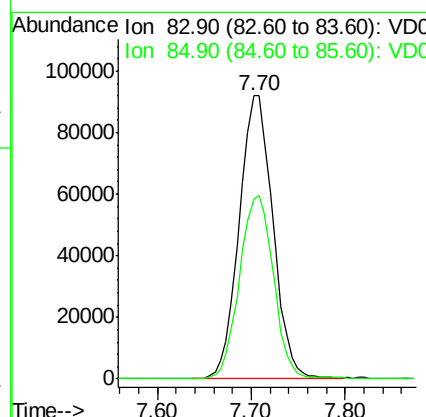
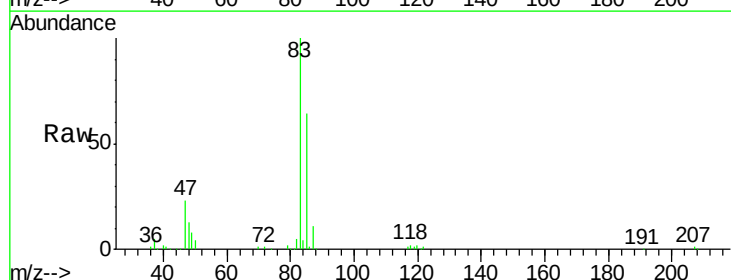
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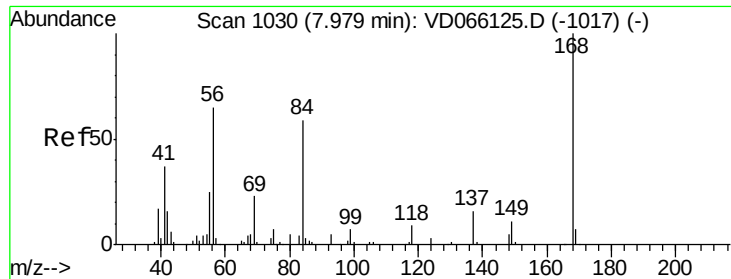
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#30
Chloroform
Concen: 52.796 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.5	74.3





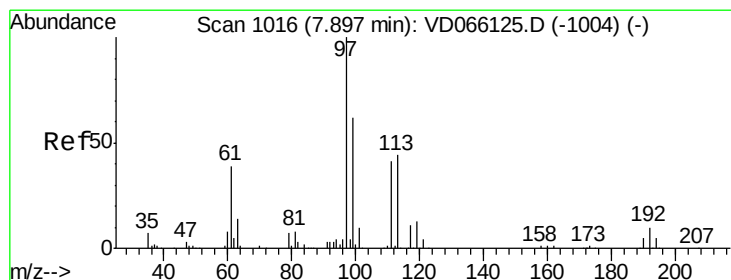
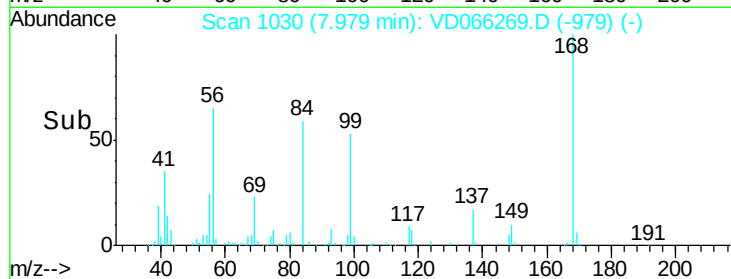
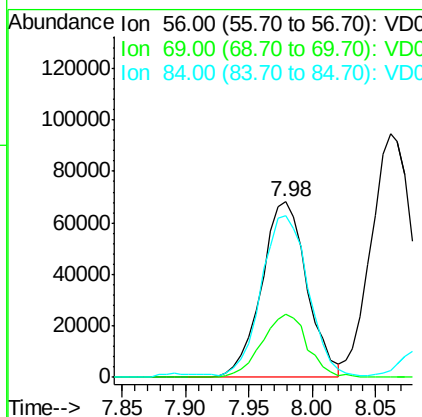
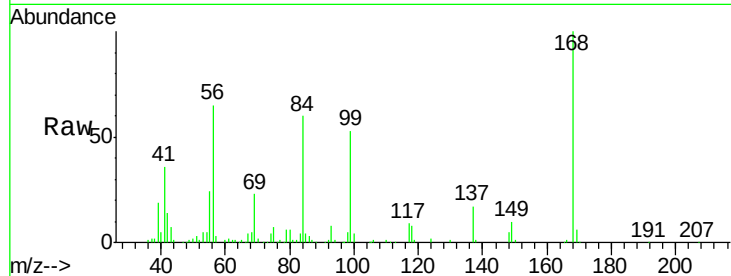
#31
Cyclohexane
Concen: 43.118 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	170170
Ion Ratio	100	Lower	Upper
56	100		
69	35.7	28.8	43.2
84	90.5	73.0	109.6

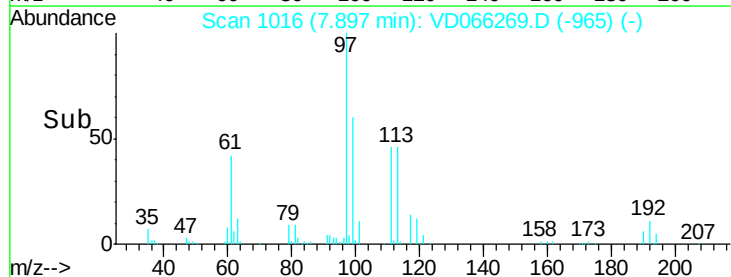
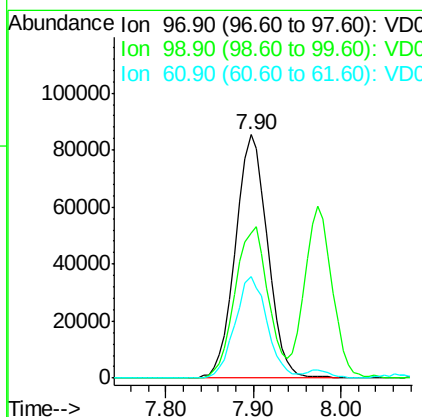
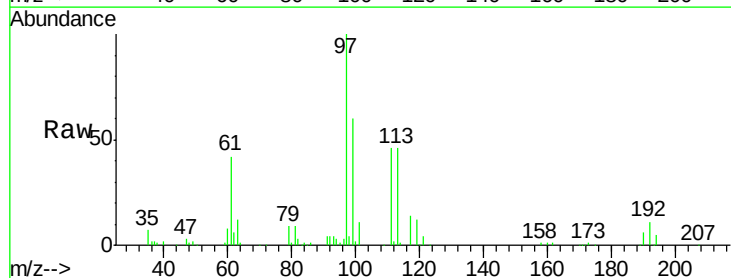
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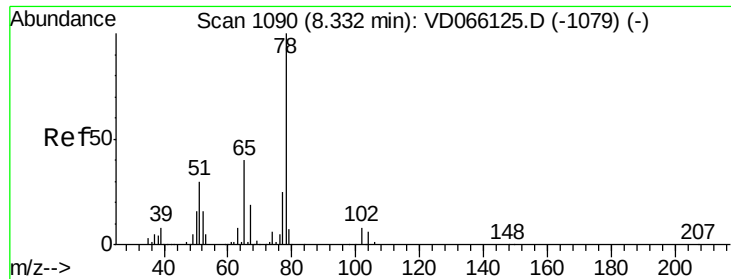
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#32
1,1,1-Trichloroethane
Concen: 52.025 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	97	Resp	212360
Ion Ratio	100	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	41.8	32.7	49.1





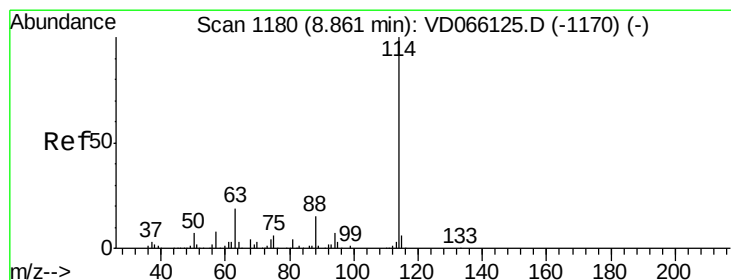
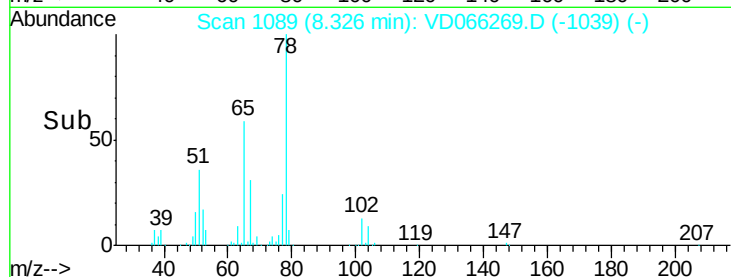
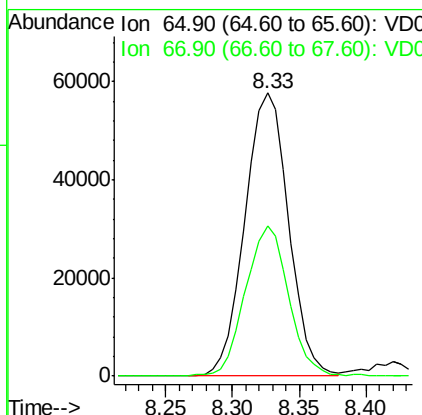
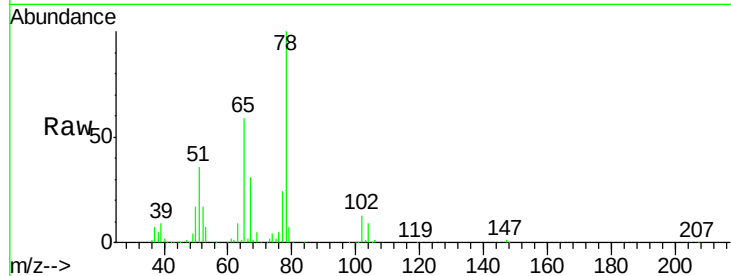
#33
 1,2-Dichloroethane-d4
 Concen: 58.064 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130801		
67	52.3	0.0	104.6	

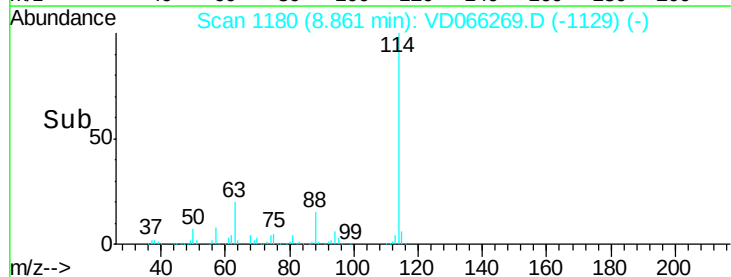
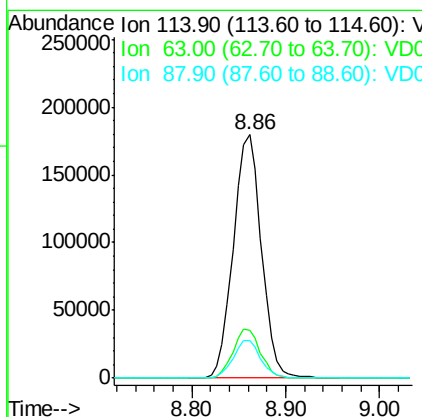
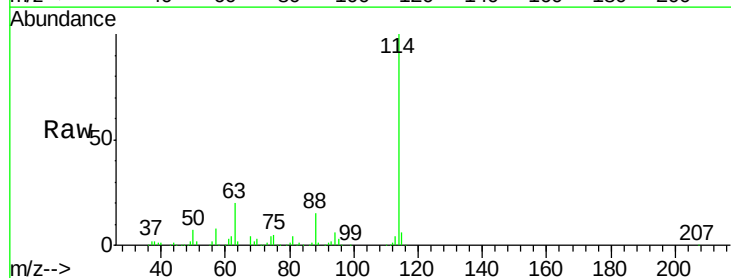
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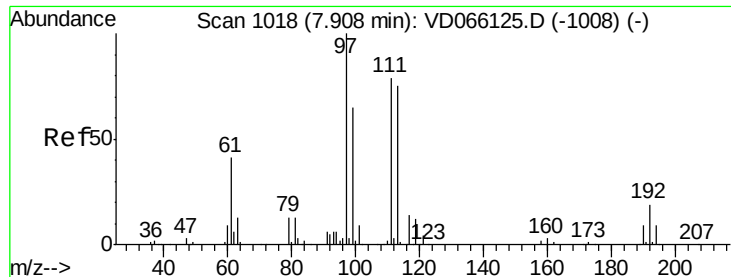
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372409		
63	19.7	0.0	38.6	
88	15.3	0.0	30.0	





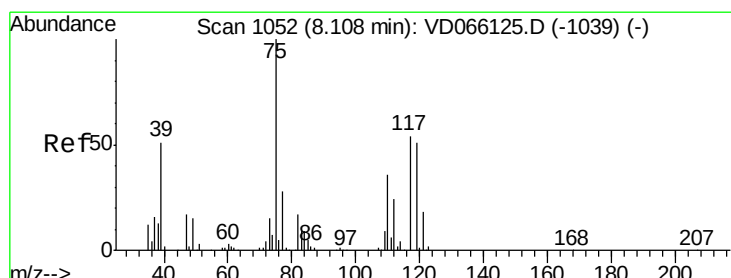
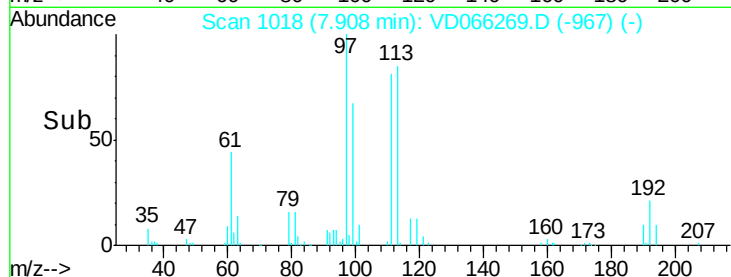
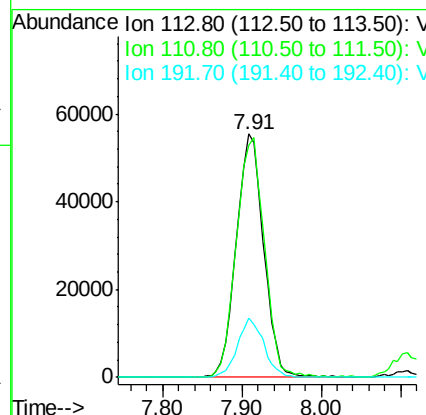
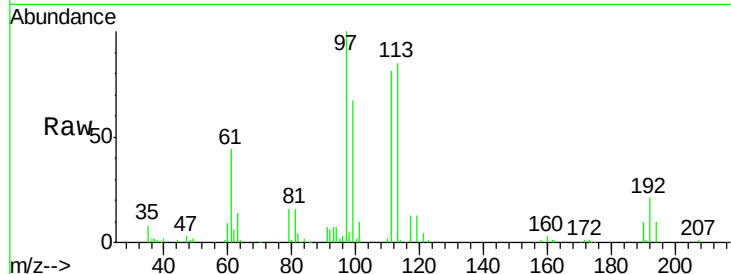
#35
 Dibromofluoromethane
 Concen: 56.320 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132869		
111	101.0	80.7	121.1	
192	23.3	18.4	27.6	

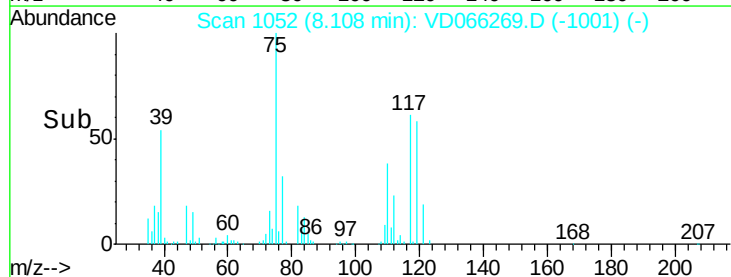
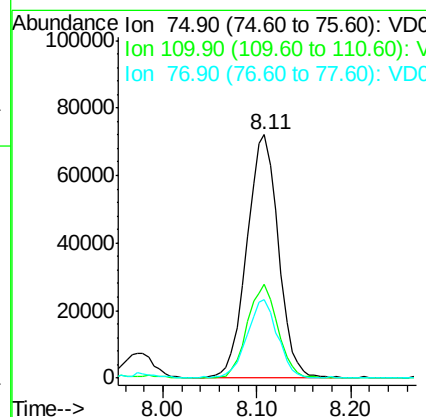
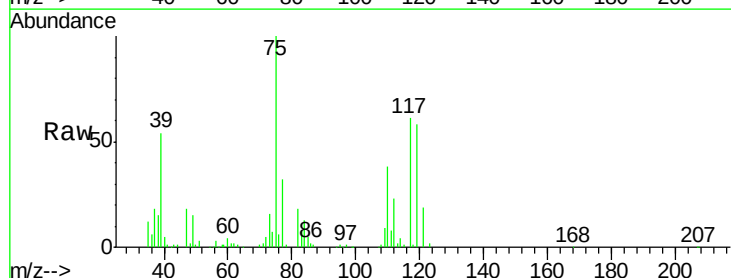
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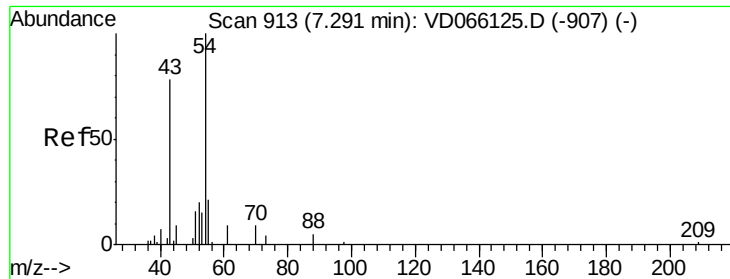
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#36
 1,1-Dichloropropene
 Concen: 47.961 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167839		
110	37.1	18.8	56.3	
77	31.5	24.2	36.2	





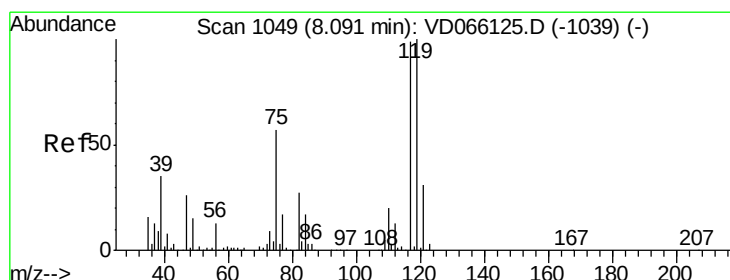
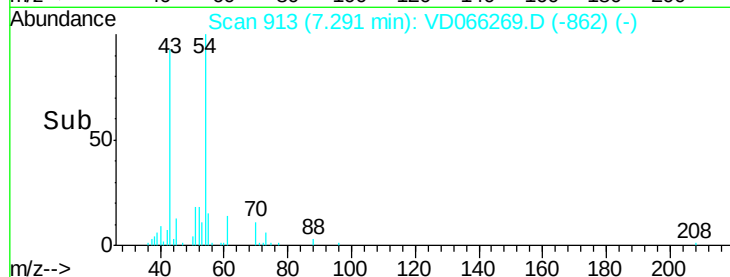
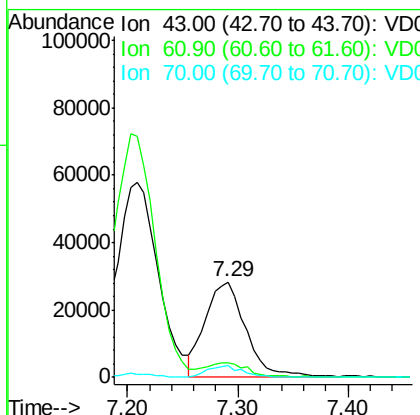
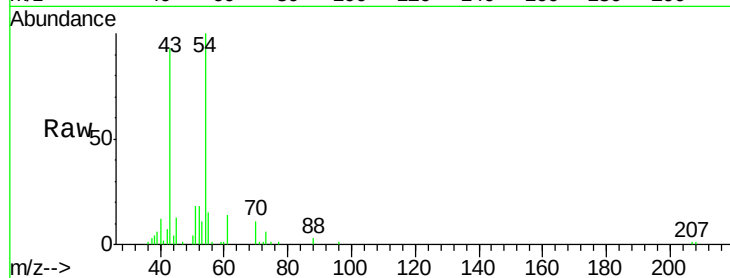
#37
Ethyl Acetate
Concen: 51.179 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.0	18.0
70	11.1	9.7	14.5

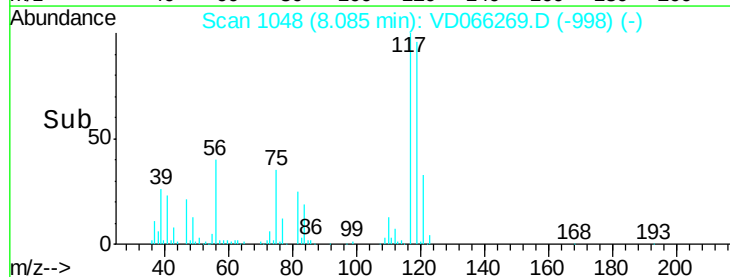
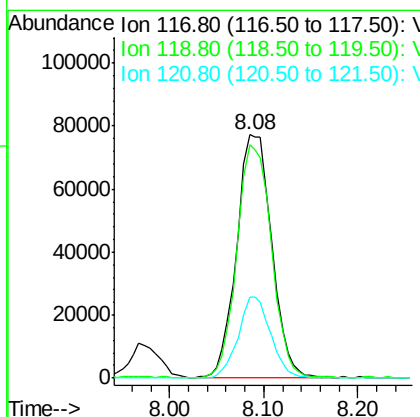
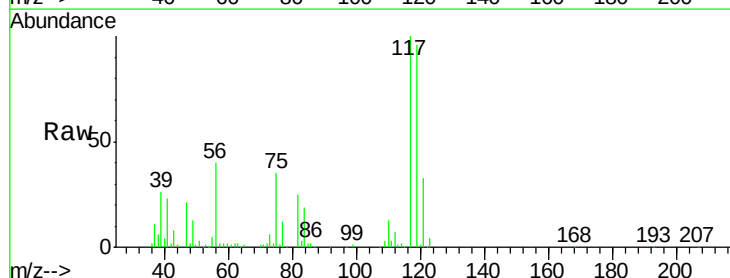
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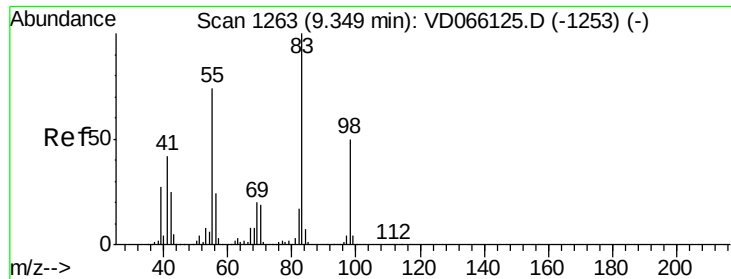
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#38
Carbon Tetrachloride
Concen: 51.191 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	81.0	121.4
121	33.3	24.8	37.2





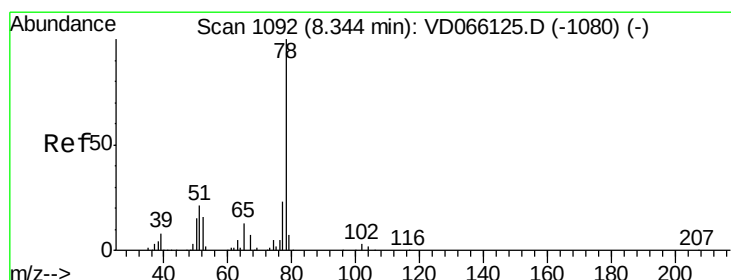
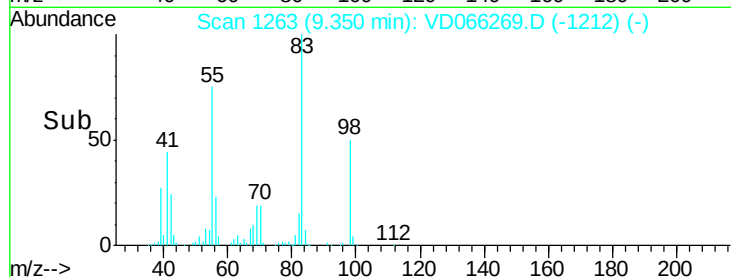
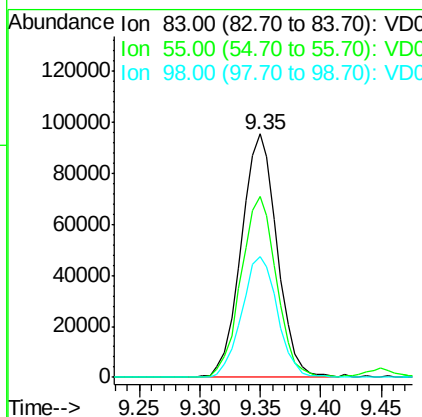
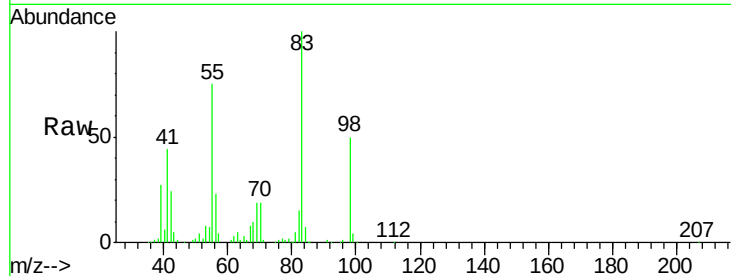
#39
Methylvlcyclohexane
Concen: 46.659 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	197383
Ion Ratio	Lower	Upper	
83	100		
55	74.5	59.2	88.8
98	49.7	39.8	59.6

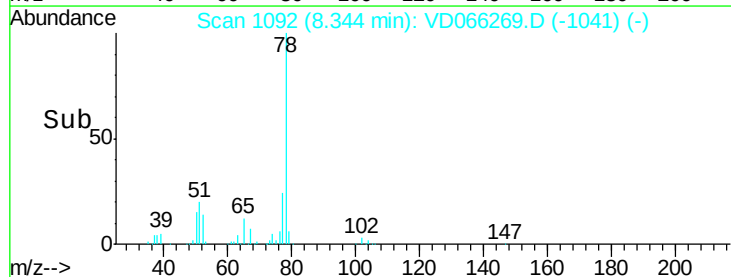
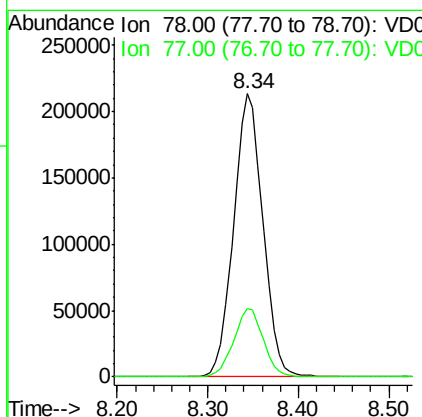
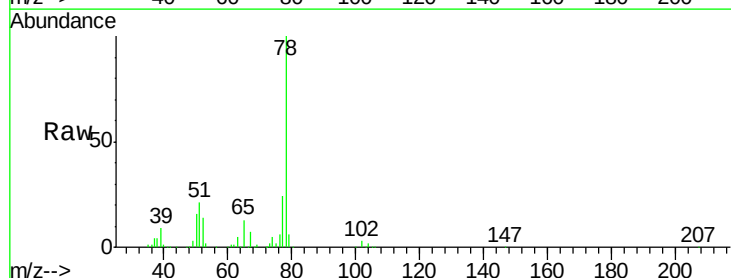
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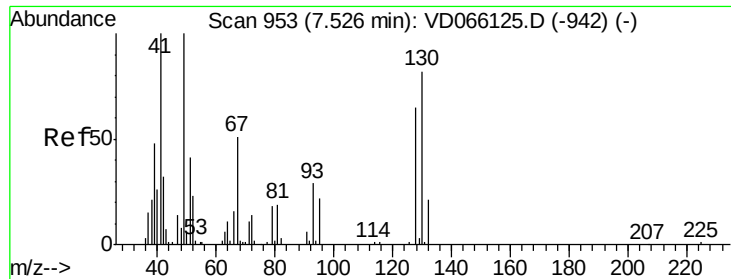
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#40
Benzene
Concen: 49.374 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	78	Resp	479320
Ion Ratio	Lower	Upper	
78	100		
77	24.4	18.6	27.8





#41

Methacrylonitrile

Concen: 51.968 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 42367
Ion Ratio Lower Upper

41 100

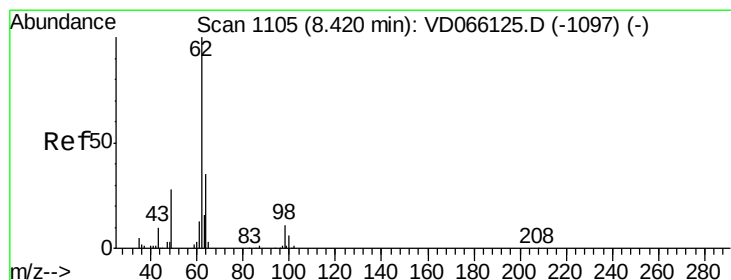
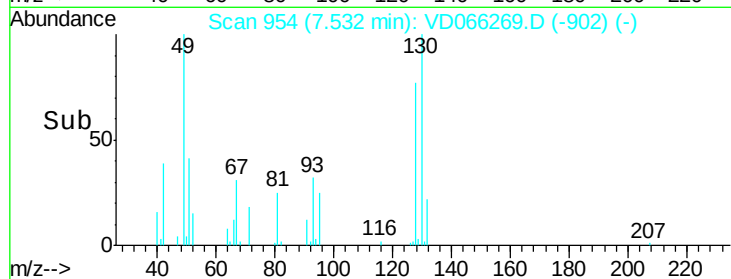
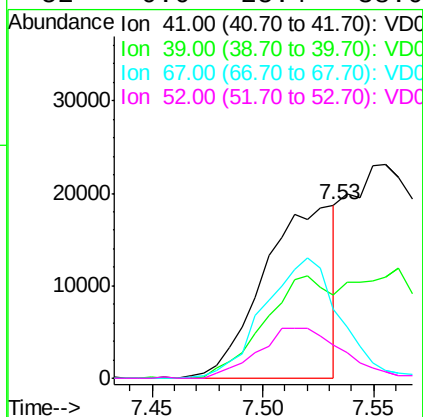
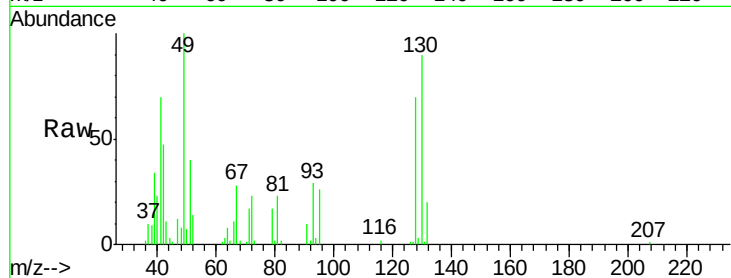
39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

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#42

1,2-Dichloroethane

Concen: 52.458 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

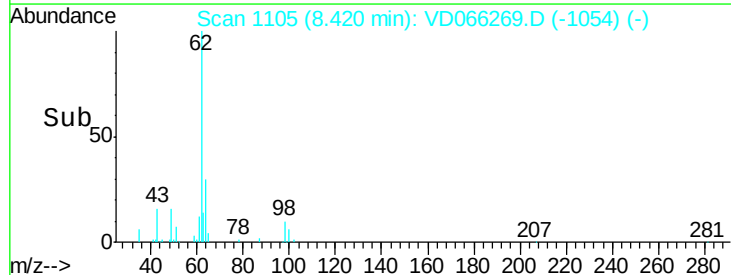
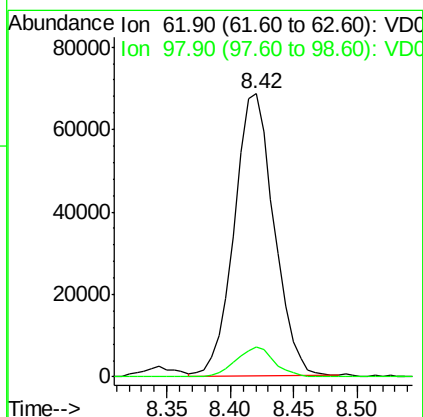
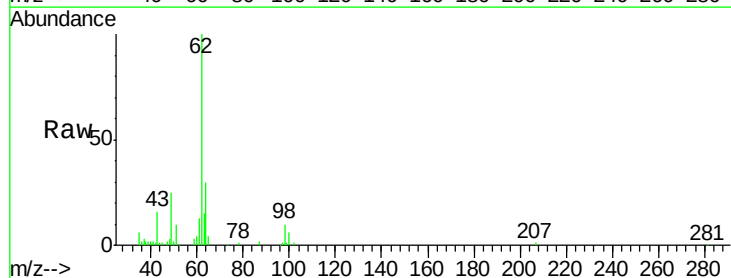
Lab File: VD066269.D

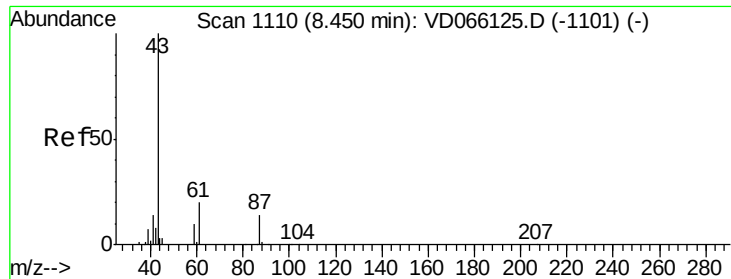
Acq: 17 Aug 2020 20:27

Tgt Ion: 62 Resp: 149605
Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.4





#43

Isopropyl Acetate

Concen: 52.397 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

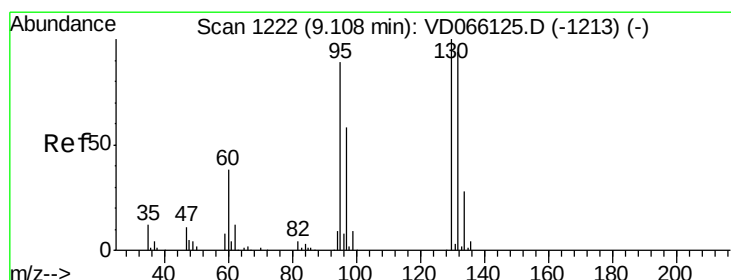
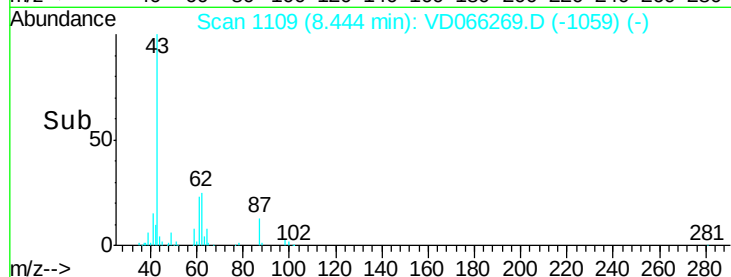
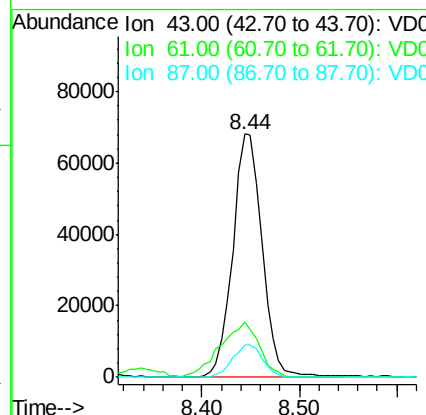
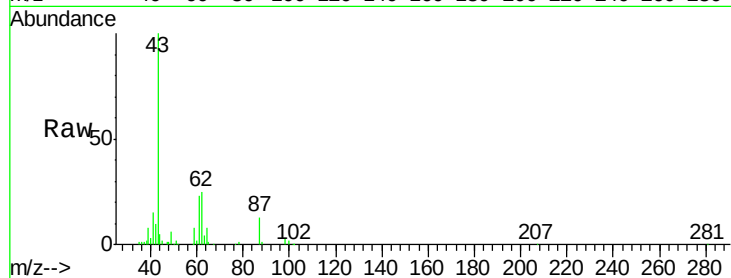
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	143144
Ion	Ratio	Lower	Upper
43	100		
61	30.0	25.5	38.3
87	13.8	11.2	16.8

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#44

Trichloroethene

Concen: 50.458 ug/l

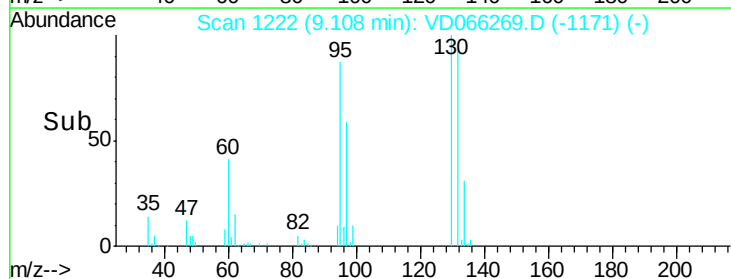
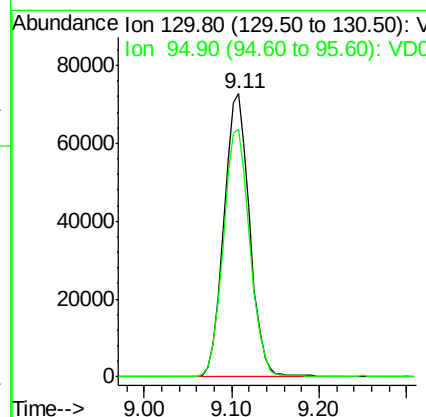
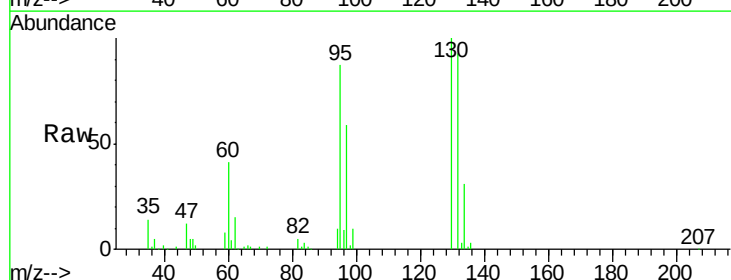
RT: 9.11 min Scan# 1222

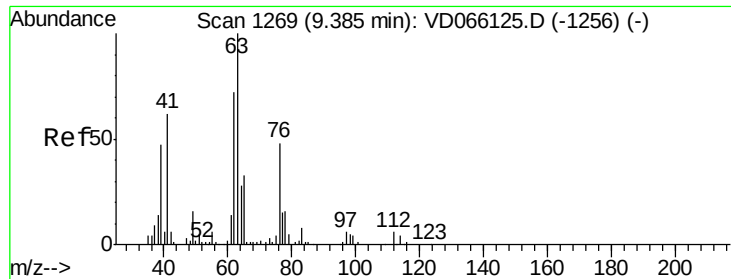
Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion:	130	Resp:	147608
Ion	Ratio	Lower	Upper
130	100		
95	87.3	0.0	178.4





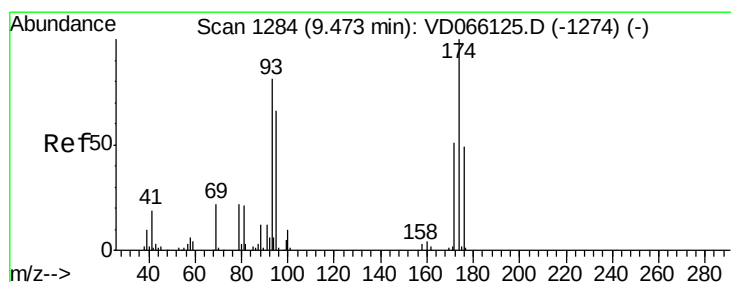
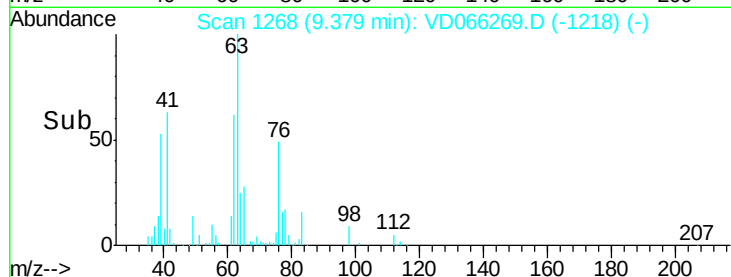
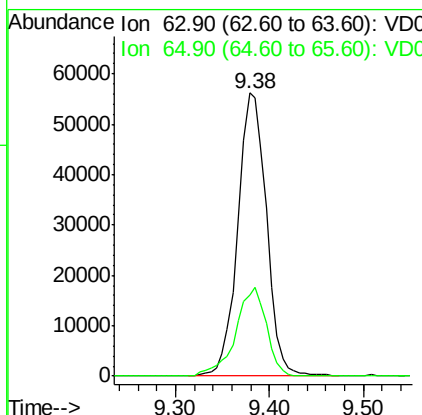
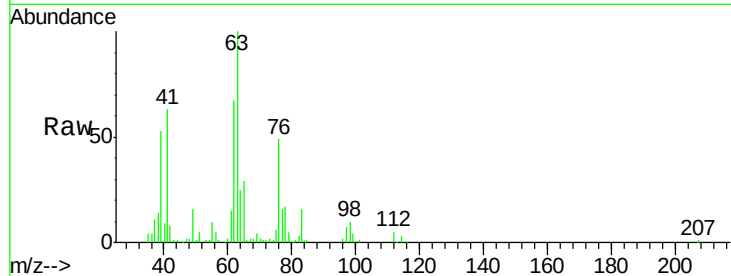
#45
 1,2-Dichloropropane
 Concen: 50.168 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119115
 Ion Ratio Lower Upper
 63 100
 65 28.8 26.5 39.7

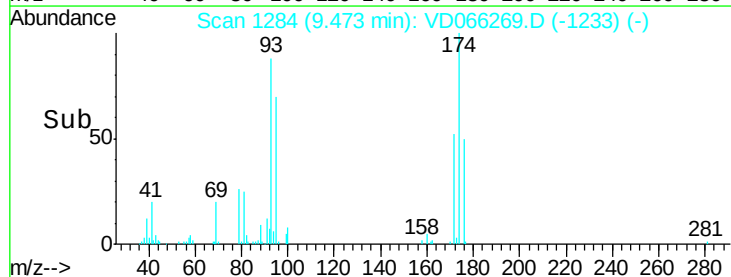
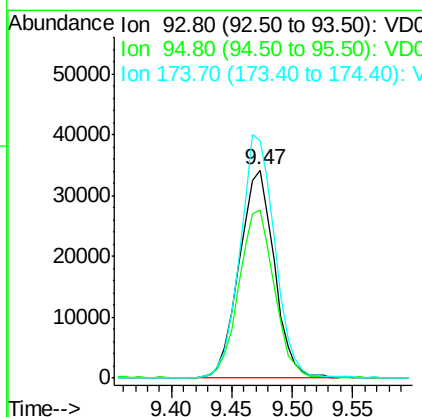
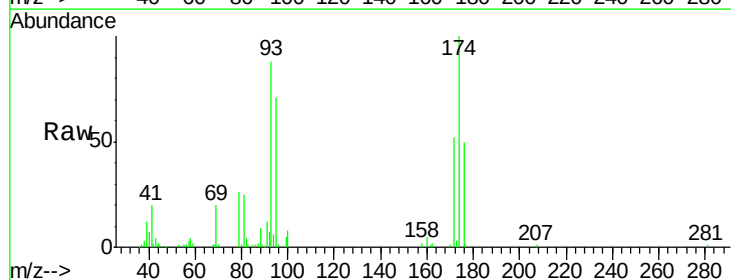
Manual Integrations
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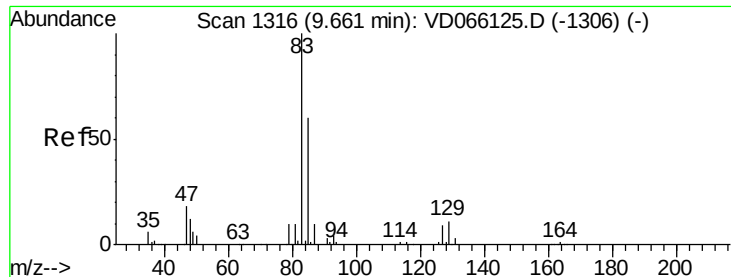
MMDadoda
 8/18/2020 11:08:51 AM



#46
 Dibromomethane
 Concen: 52.958 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 93 Resp: 69260
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 116.4 92.8 139.2





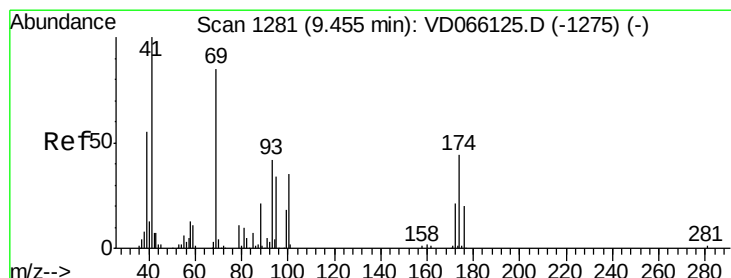
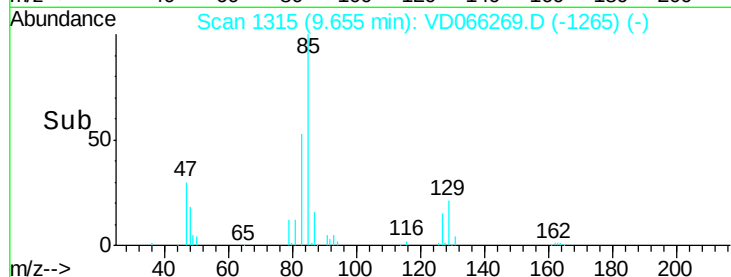
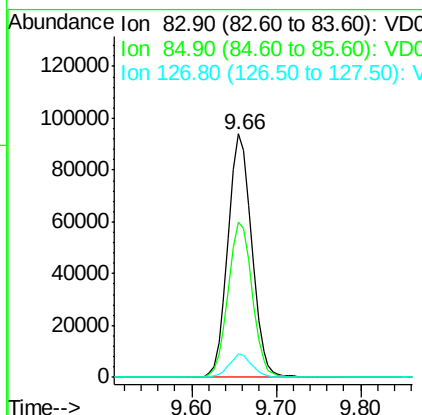
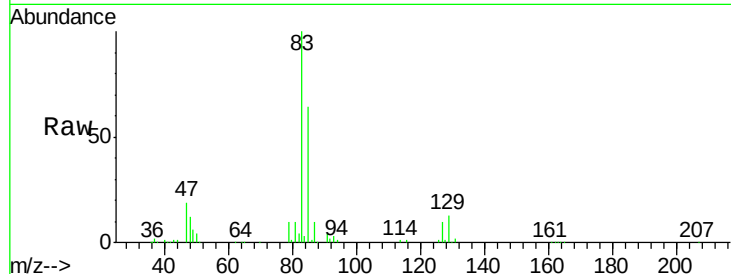
#47
 Bromodichloromethane
 Concen: 52.740 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	182299		
85	64.0		48.2	72.4
127	9.9		7.3	10.9

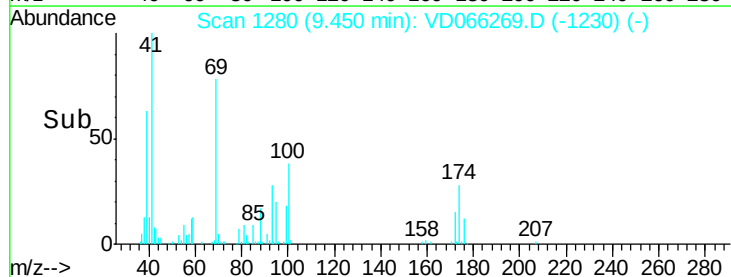
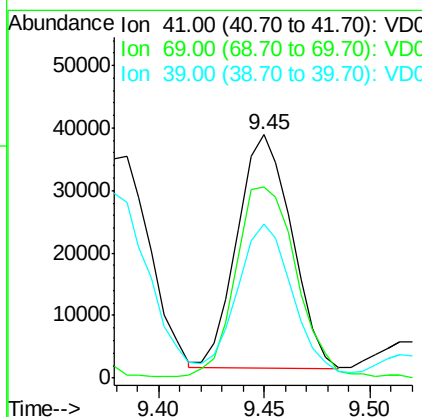
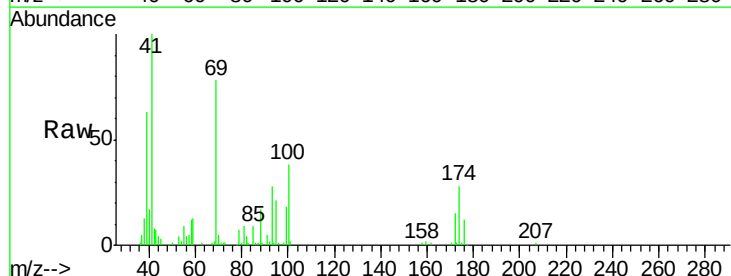
Manual Integrations
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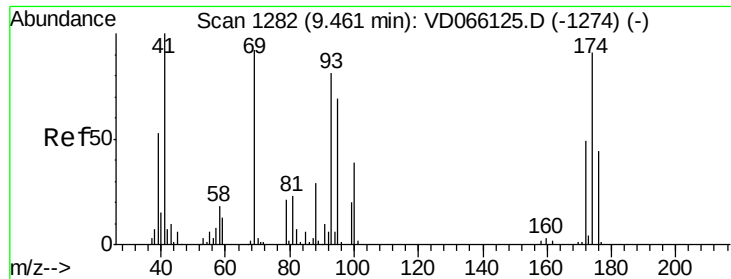
MMDadoda
 8/18/2020 11:08:51 AM



#48
 Methyl methacrylate
 Concen: 47.910 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	66833		
69	93.0		63.9	95.9
39	67.7		42.6	64.0#





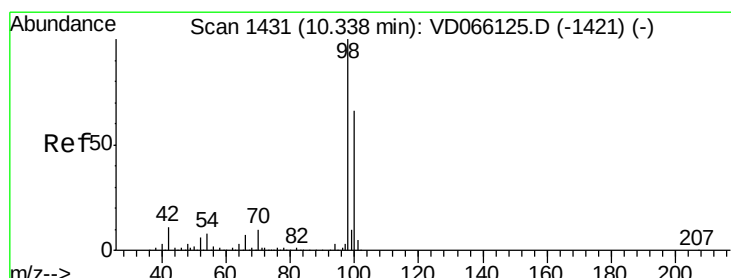
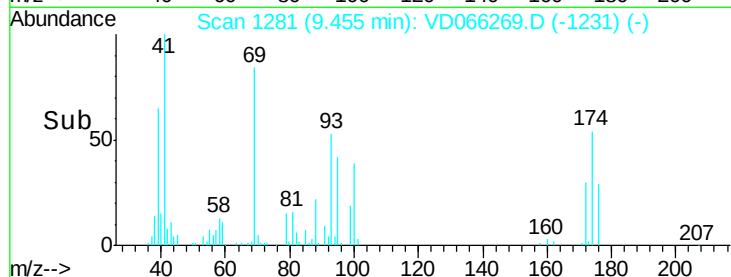
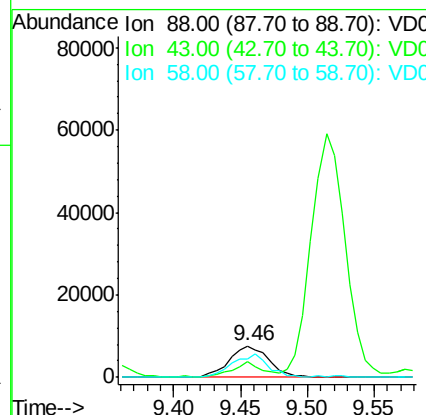
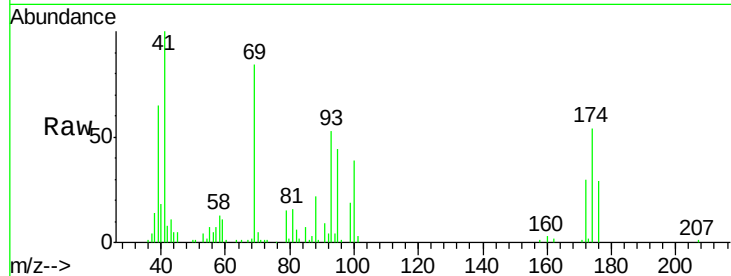
#49
 1,4-Dioxane
 Concen: 939.515 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	15786
Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.5	41.3
58	68.2	50.2	75.4

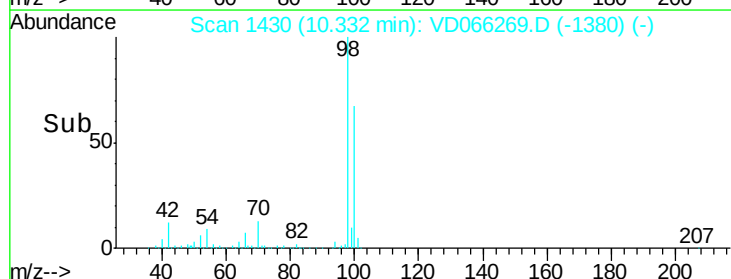
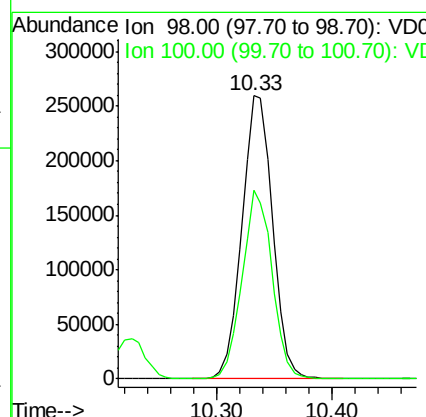
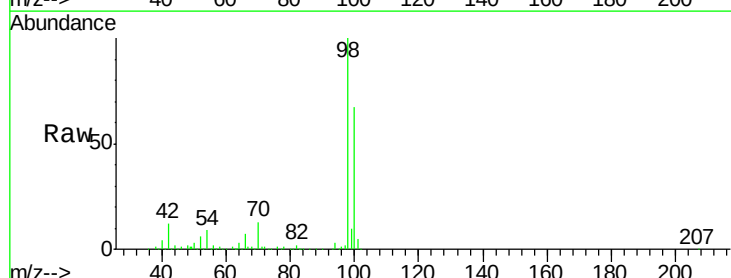
Manual Integrations
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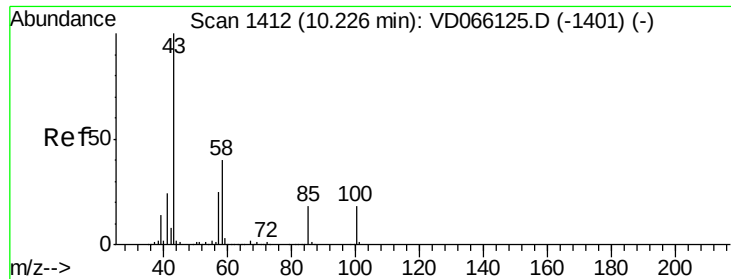
MMDadoda
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#50
 Toluene-d8
 Concen: 54.877 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	98	Resp	477756
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





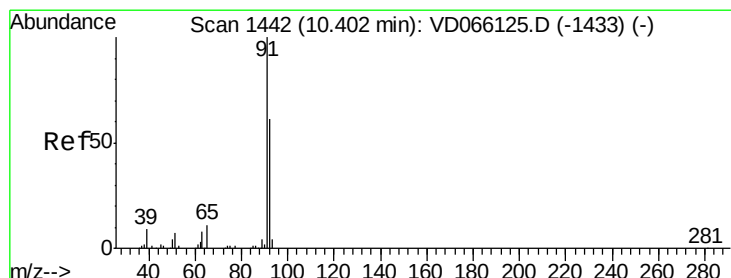
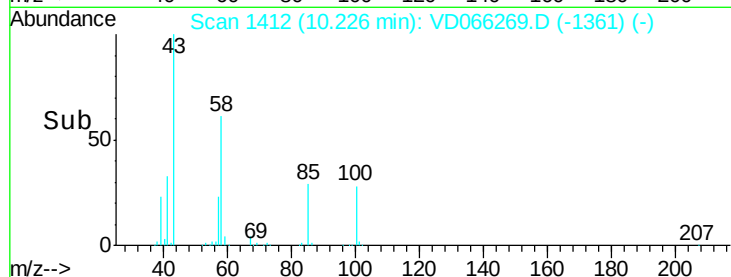
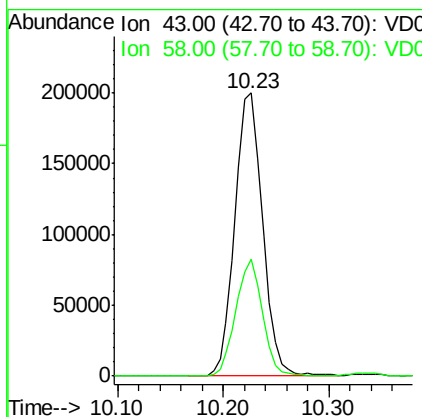
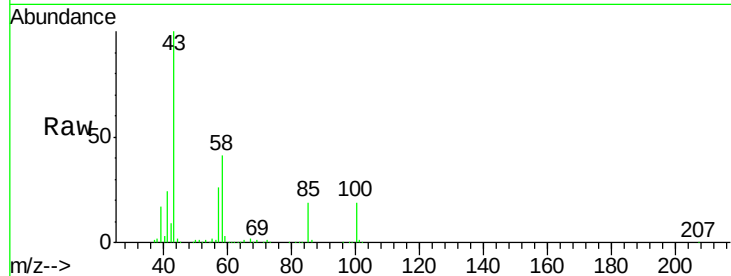
#51
4-Methyl-2-Pentanone
Concen: 259.103 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 363593
Ion Ratio Lower Upper
43 100
58 39.5 31.1 46.7

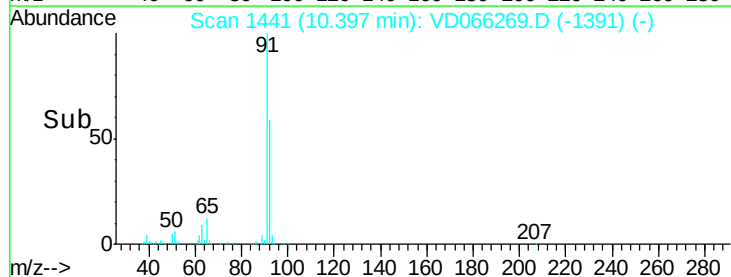
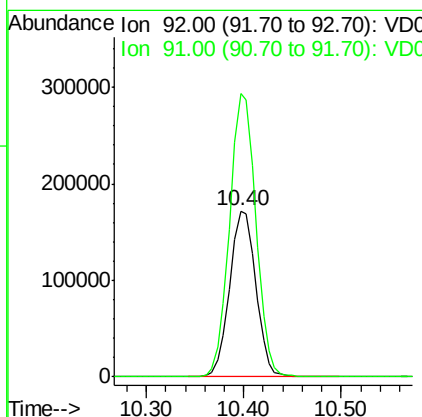
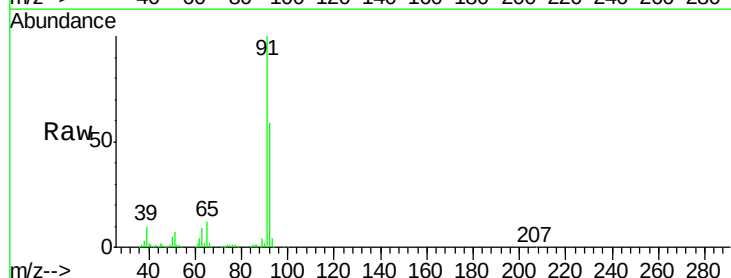
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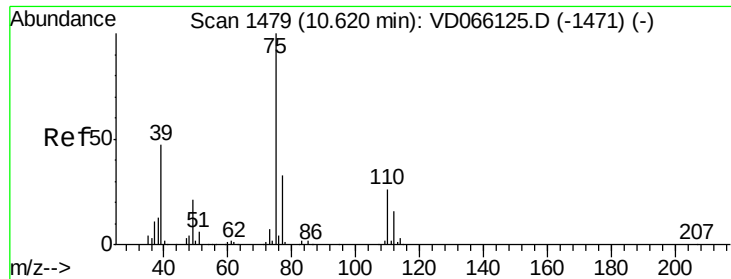
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#52
Toluene
Concen: 50.421 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 92 Resp: 322090
Ion Ratio Lower Upper
92 100
91 170.8 135.2 202.8





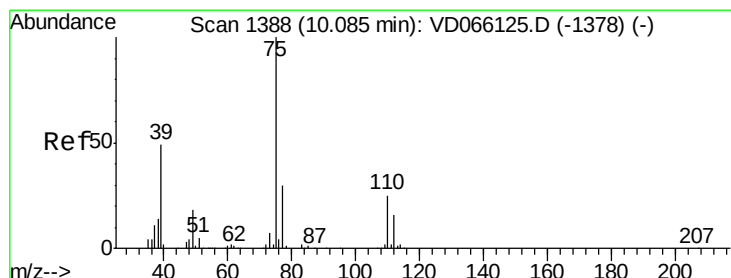
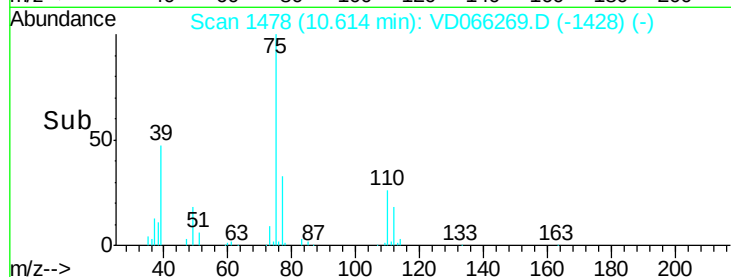
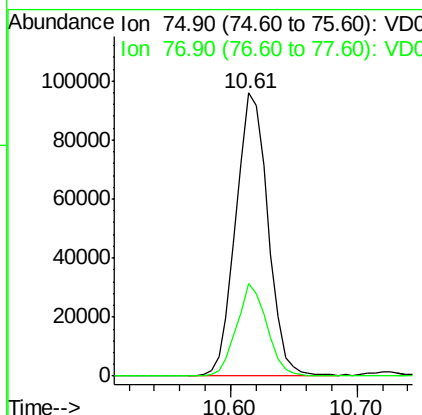
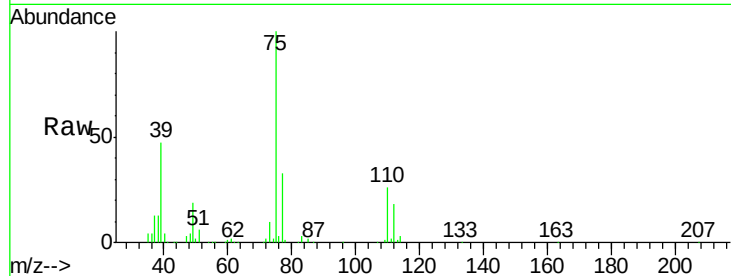
#53
 t-1,3-Dichloropropene
 Concen: 51.654 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 169442
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.2 39.2

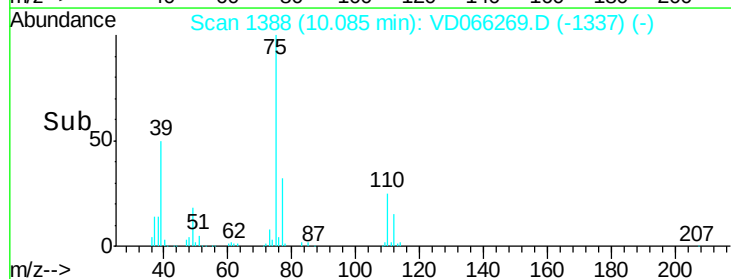
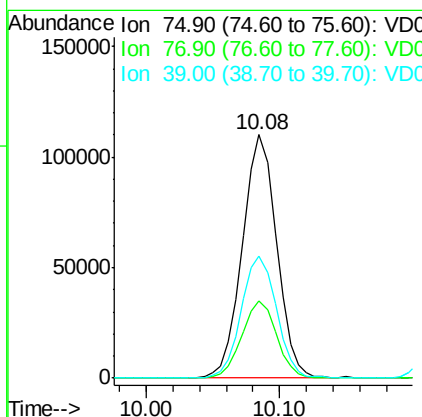
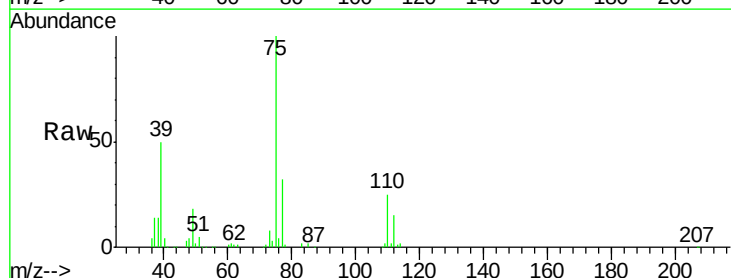
Manual Integrations
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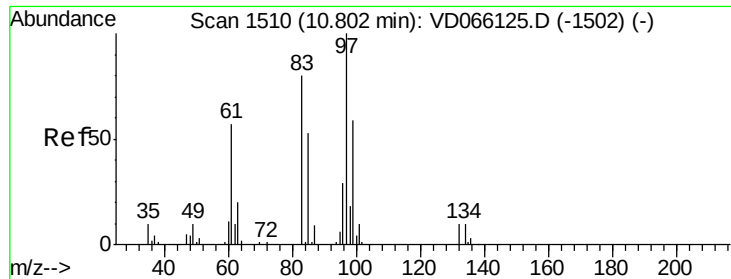
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#54
 cis-1,3-Dichloropropene
 Concen: 50.971 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 75 Resp: 195898
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.3 36.5
 39 50.0 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 50.692 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

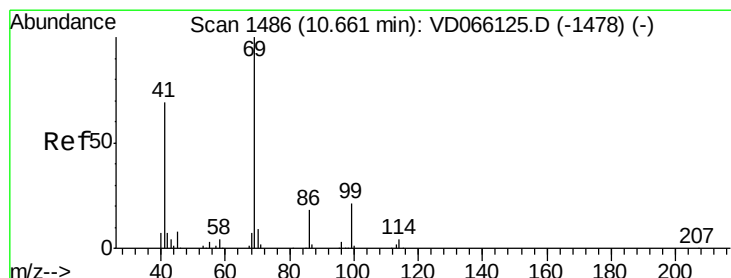
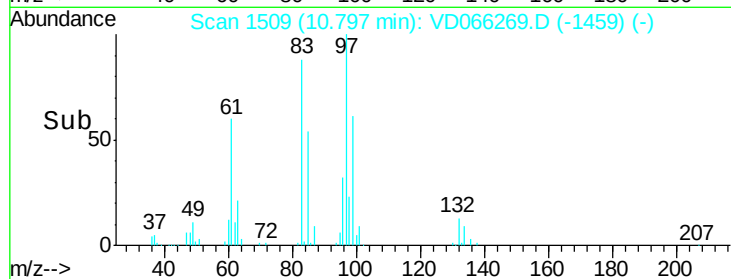
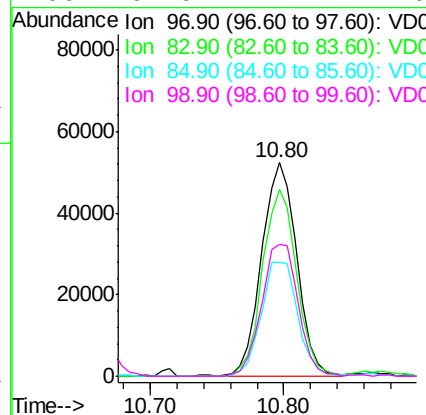
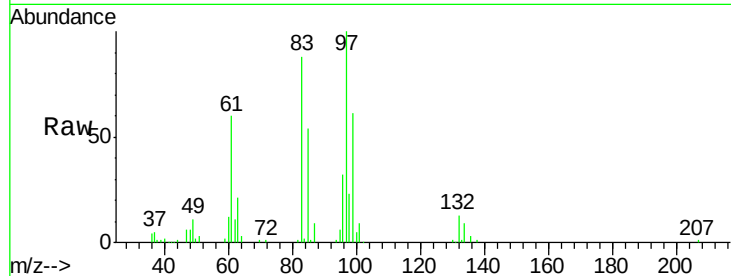
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	95464
Ion	Ratio	Lower	Upper
97	100		
83	87.7	63.9	95.9
85	53.6	42.5	63.7
99	61.5	47.4	71.0

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#56

Ethyl methacrylate

Concen: 53.740 ug/l

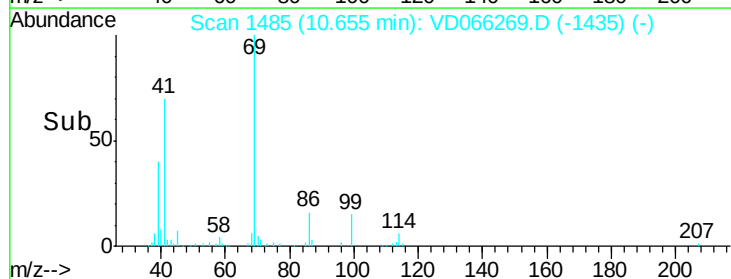
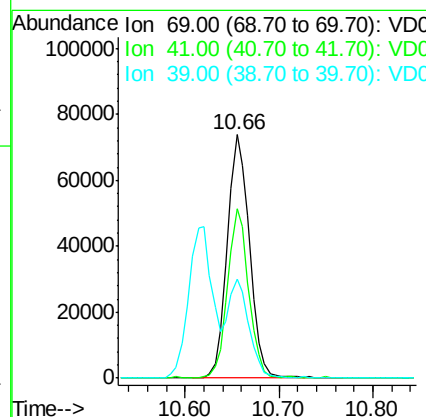
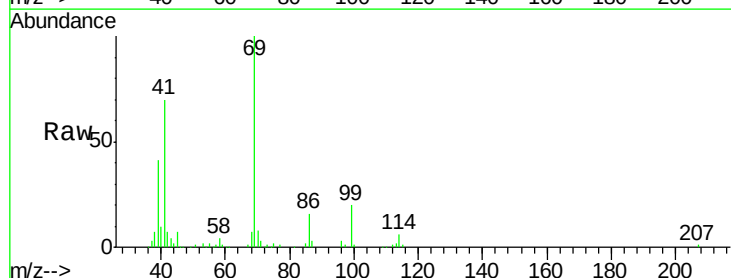
RT: 10.66 min Scan# 1485

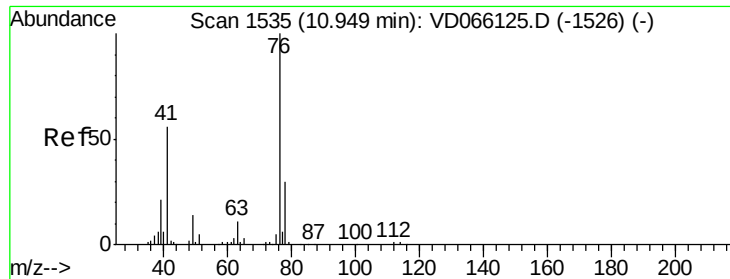
Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion:	69	Resp:	121576
Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.1	81.1
39	39.1	28.6	43.0





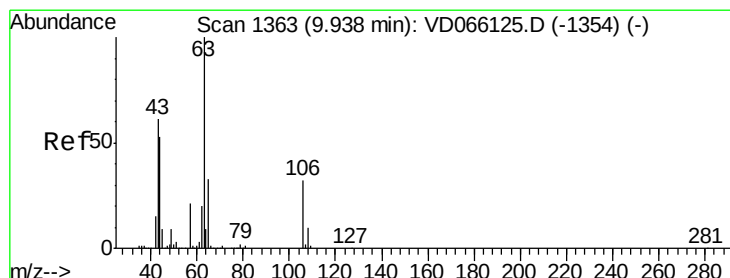
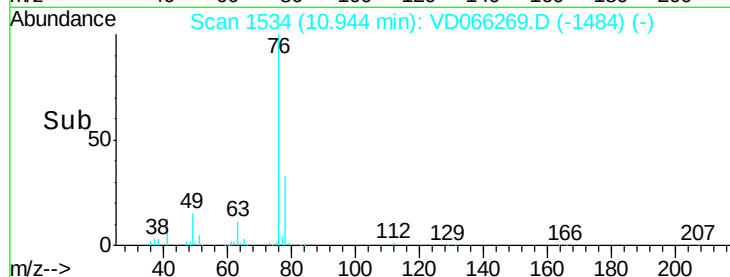
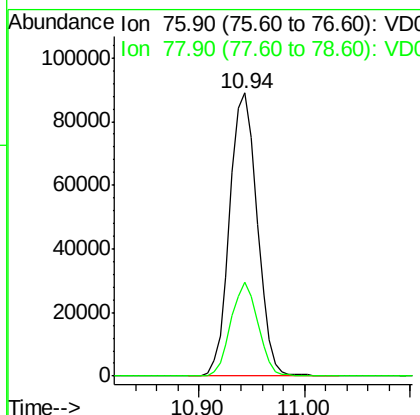
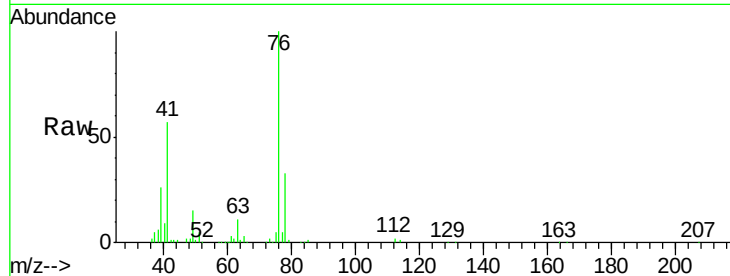
#57
 1,3-Dichloropropane
 Concen: 51.369 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 160599
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3

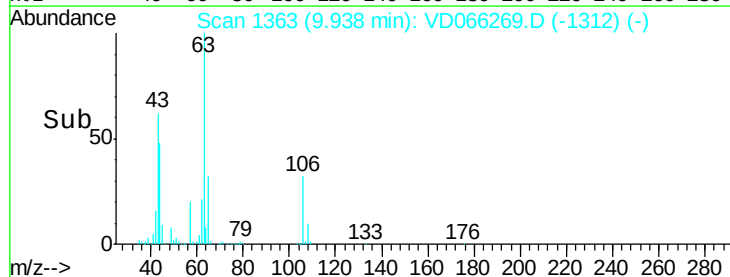
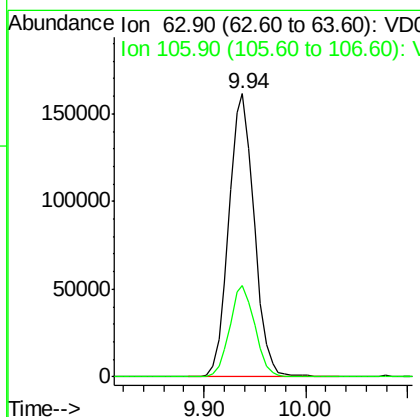
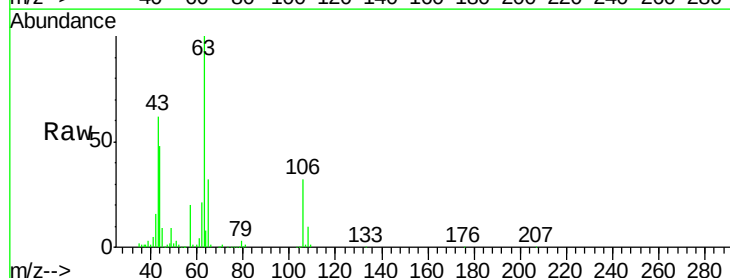
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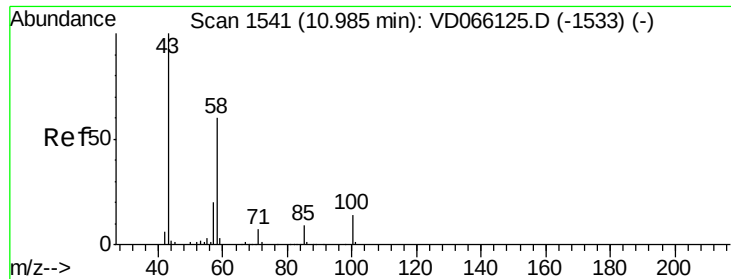
MMDadoda
 8/18/2020 11:08:51 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.665 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 63 Resp: 280518
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.3 37.9





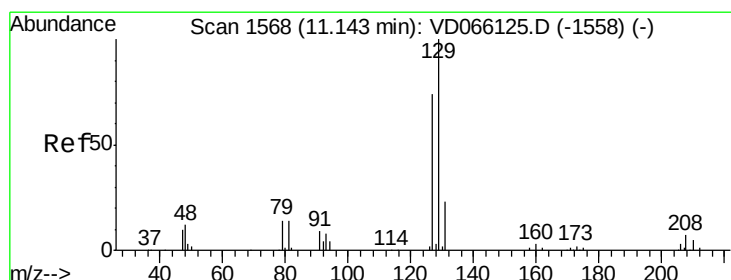
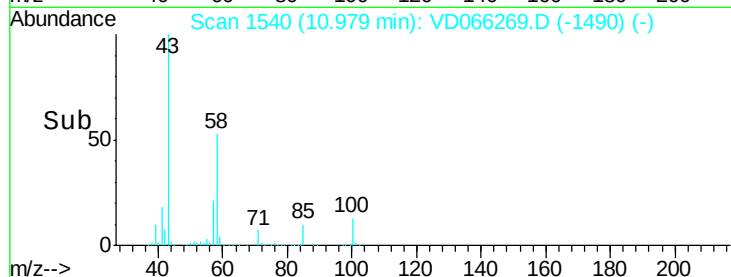
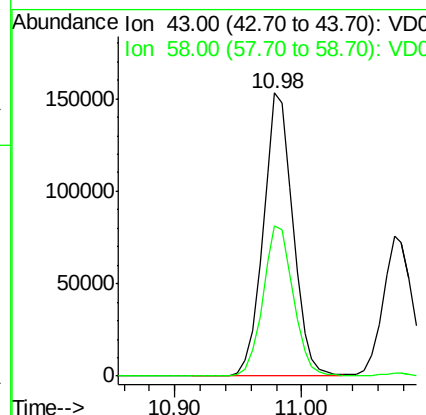
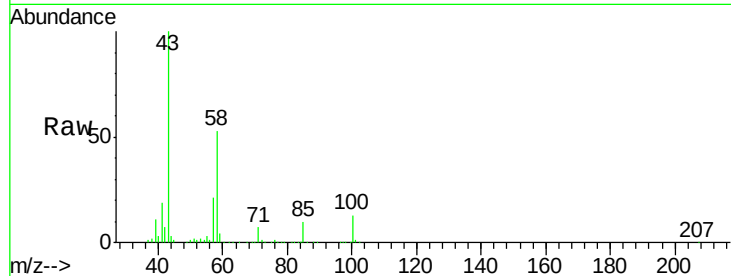
#59
2-Hexanone
Concen: 253.524 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 249681
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4

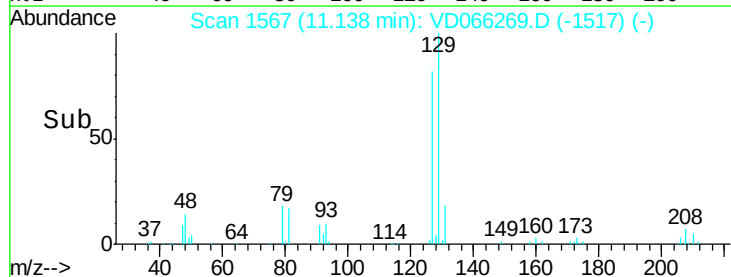
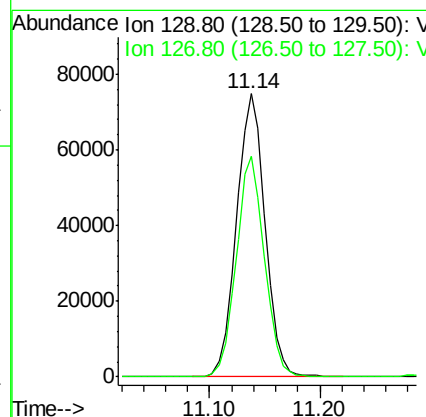
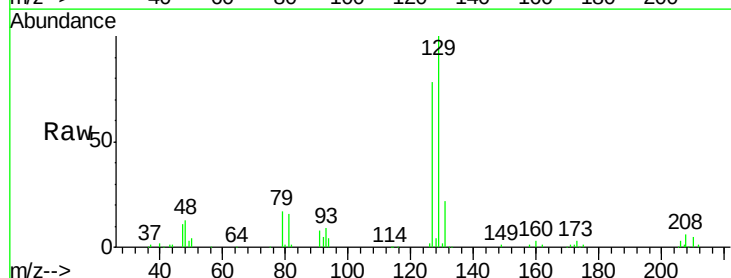
Manual Integrations
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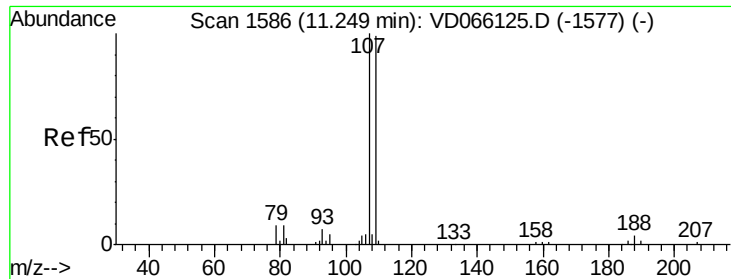
MMDadoda
8/18/2020 11:08:51 AM



#60
Dibromochloromethane
Concen: 52.214 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 129 Resp: 135752
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1





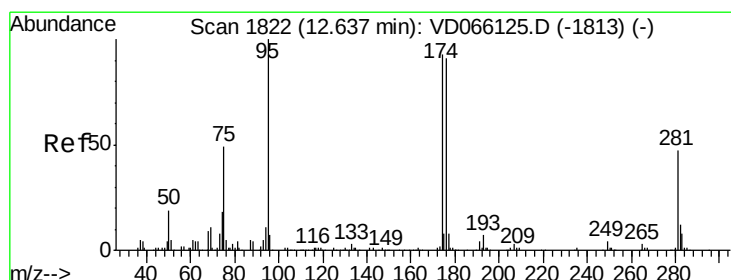
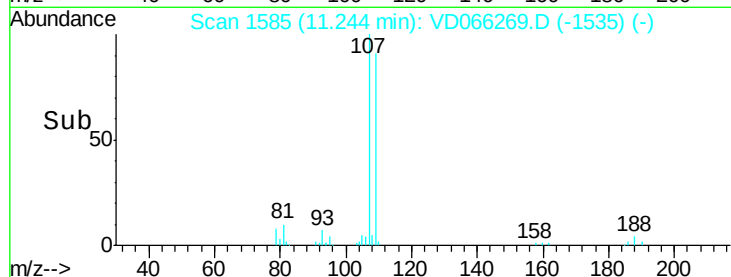
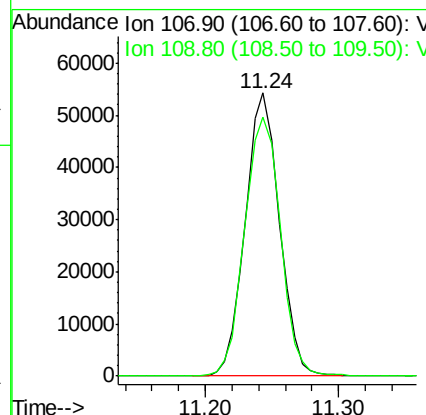
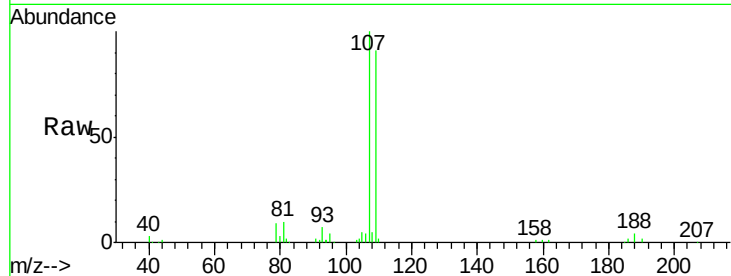
#61
 1,2-Dibromoethane
 Concen: 53.142 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 96245
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.5 114.7

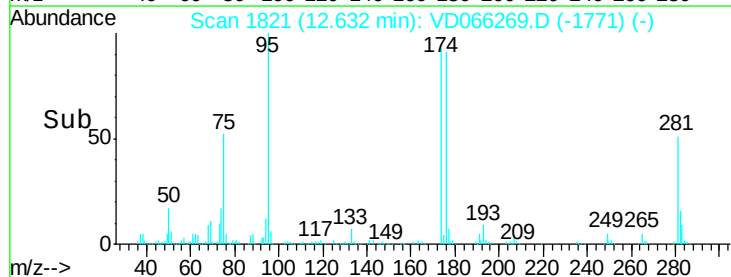
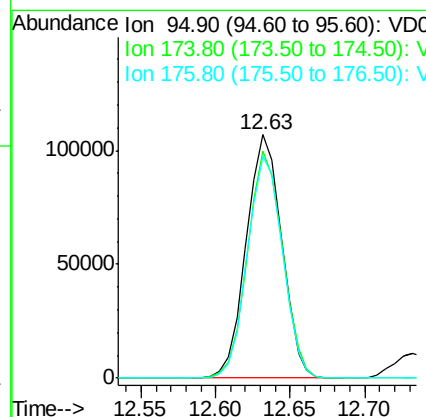
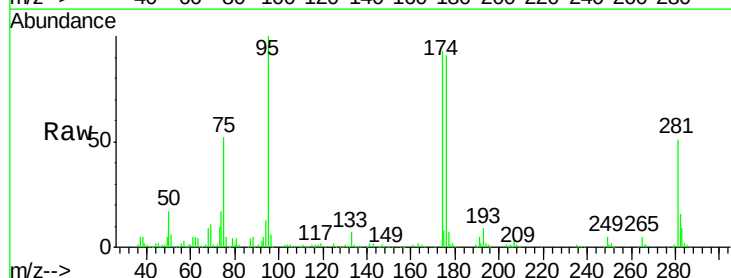
Manual Integrations
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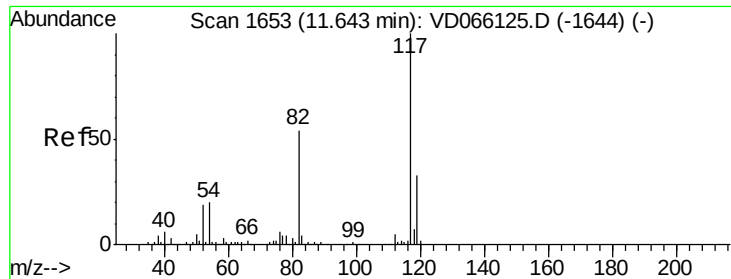
MMDadoda
 8/18/2020 11:08:51 AM



#62
 4-Bromofluorobenzene
 Concen: 56.091 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 95 Resp: 176021
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 180.8
 176 90.4 0.0 181.2





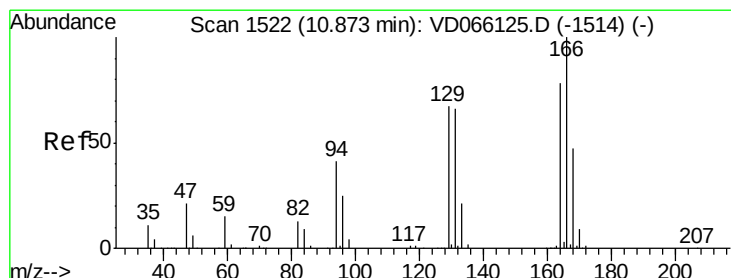
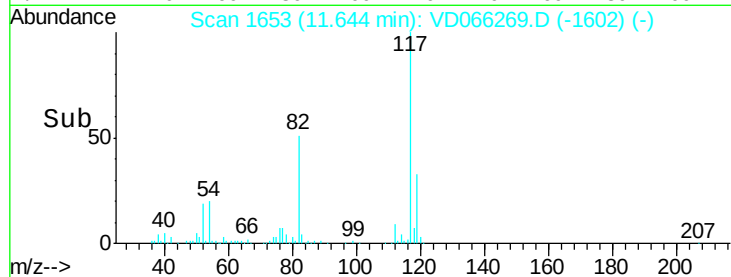
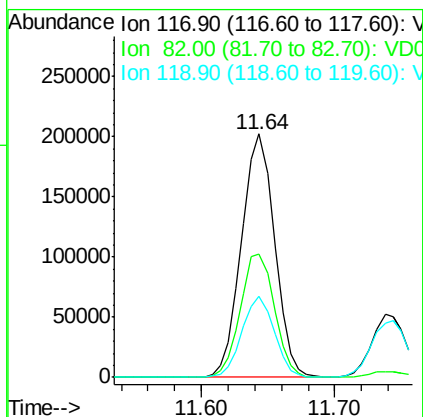
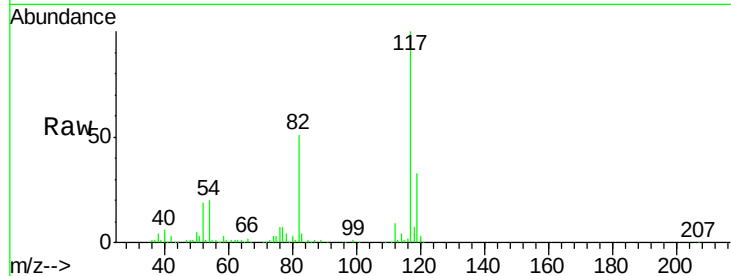
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	348727		
82	50.9	43.0	64.4	
119	33.1	26.1	39.1	

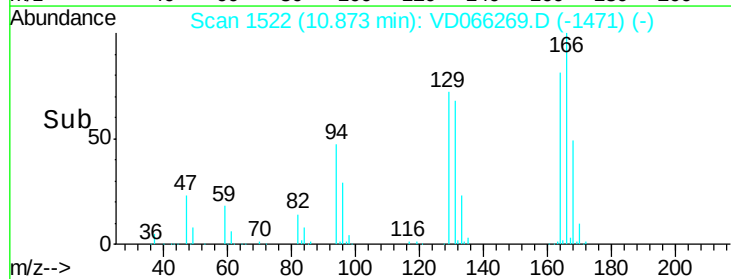
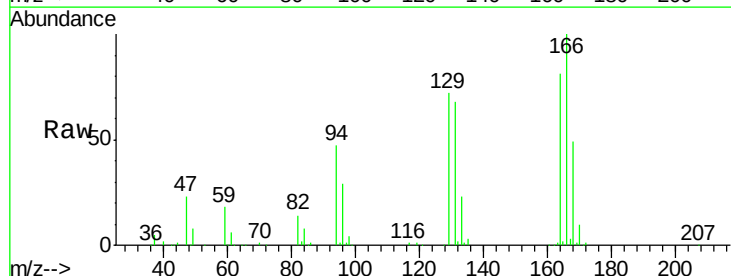
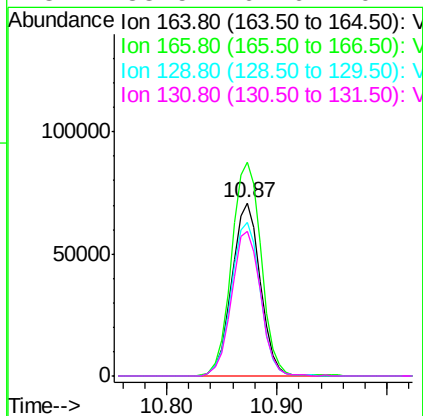
Manual Integrations
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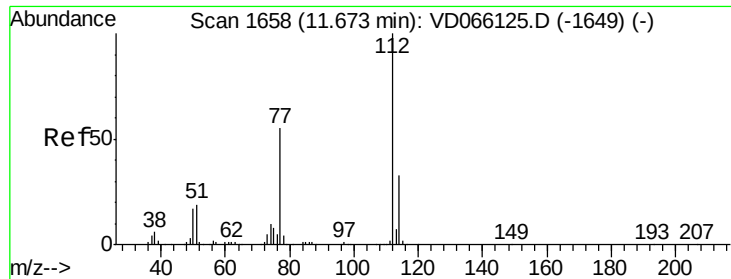
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#64
Tetrachloroethene
Concen: 47.965 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128444		
166	123.5	101.9	152.9	
129	88.8	68.1	102.1	
131	83.5	67.6	101.4	





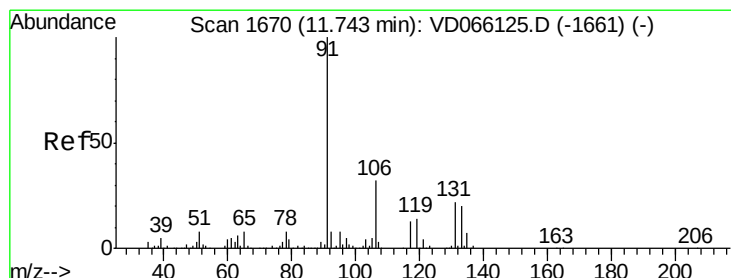
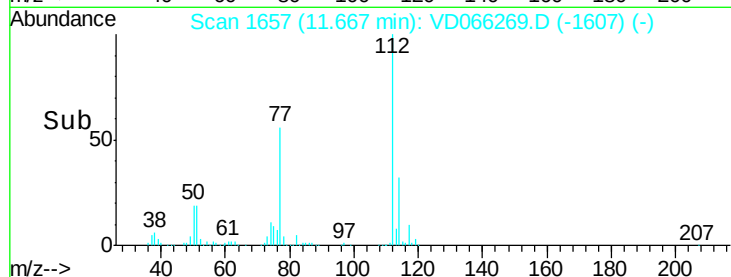
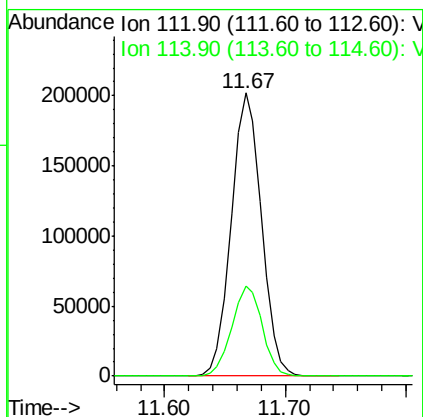
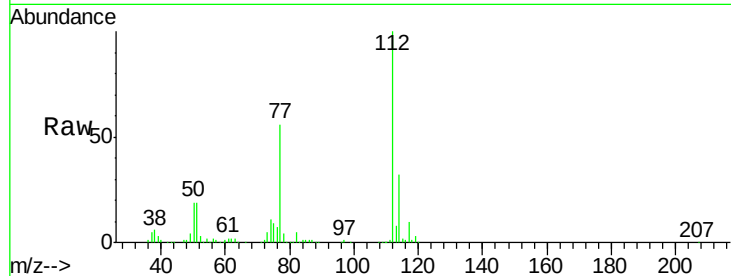
#65
Chlorobenzene
Concen: 49.706 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1

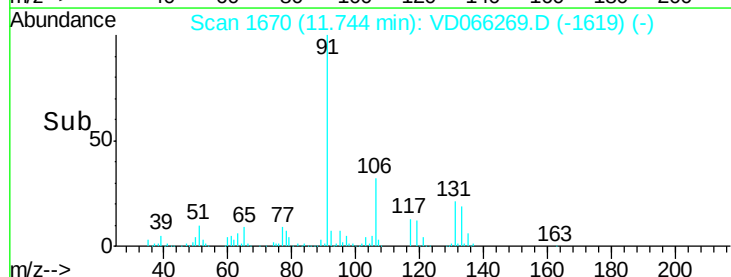
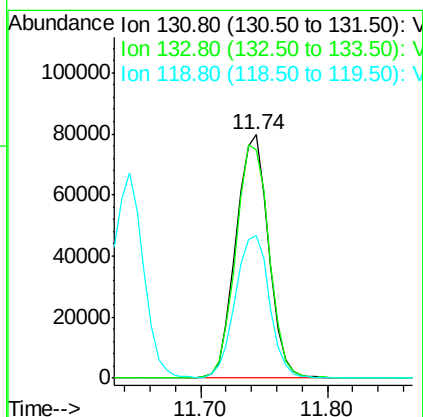
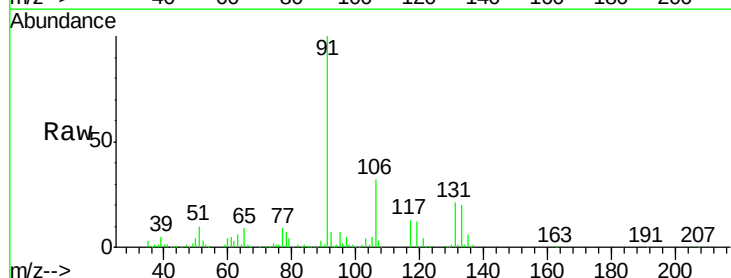
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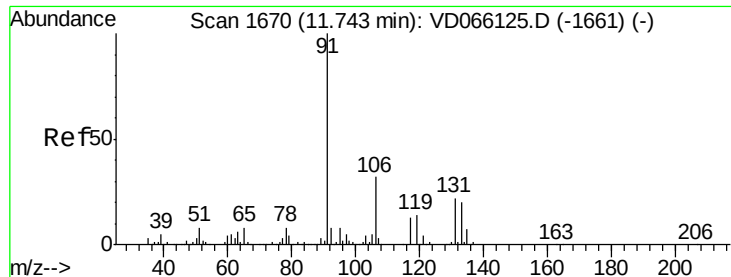
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.200 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.2	47.1	141.4
119	61.4	31.6	94.7





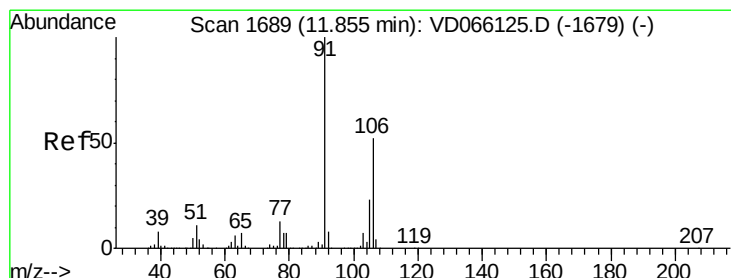
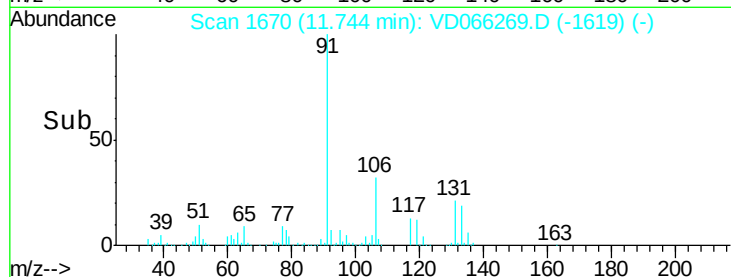
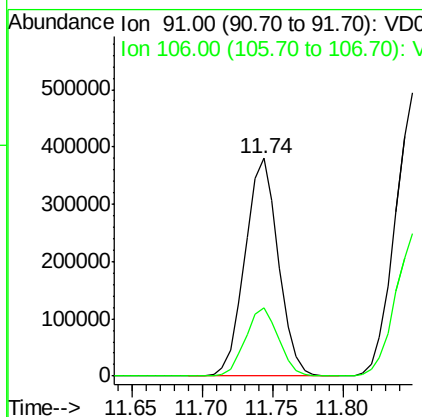
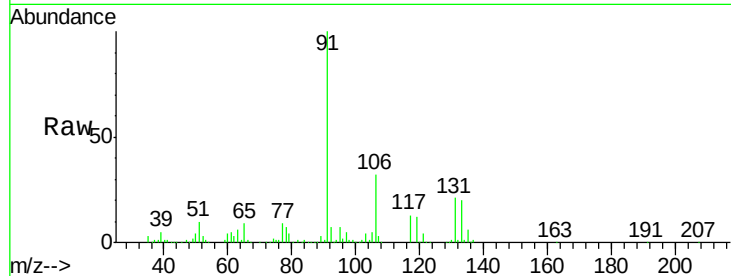
#67
Ethyl Benzene
Concen: 51.350 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 629952
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

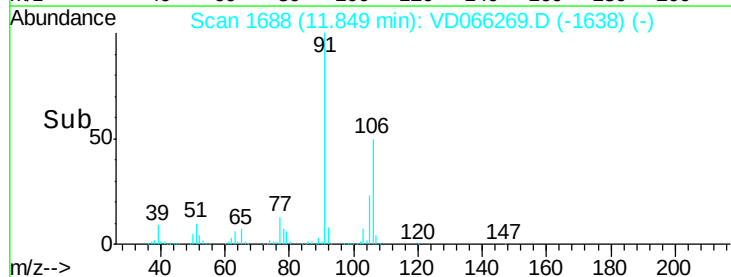
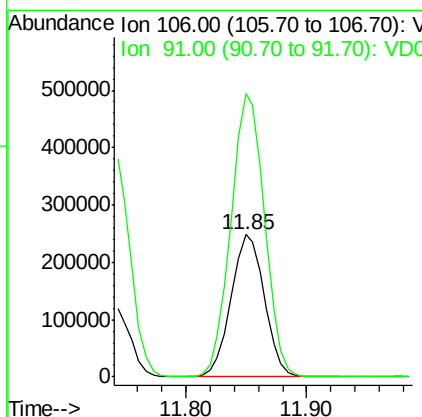
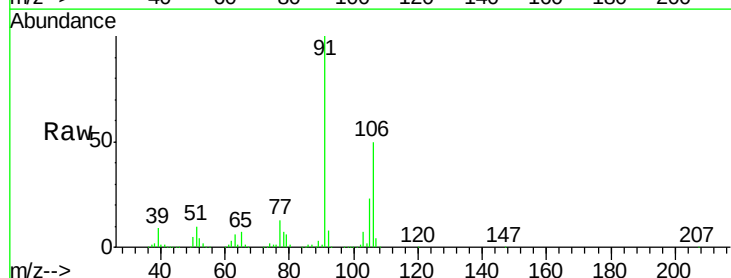
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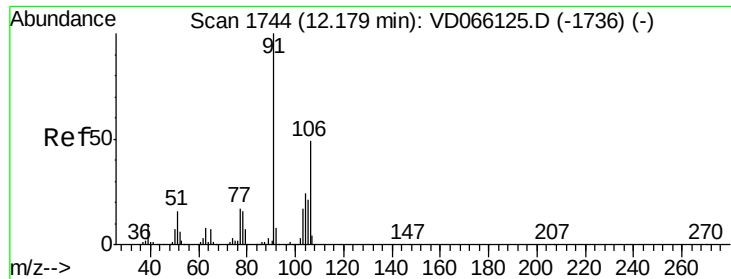
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#68
m/p-Xylenes
Concen: 100.484 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion: 106 Resp: 477602
Ion Ratio Lower Upper
106 100
91 200.7 156.6 235.0





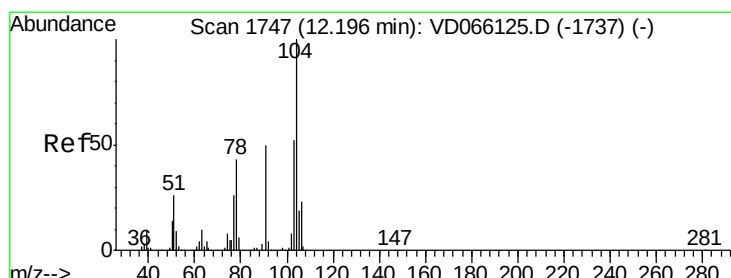
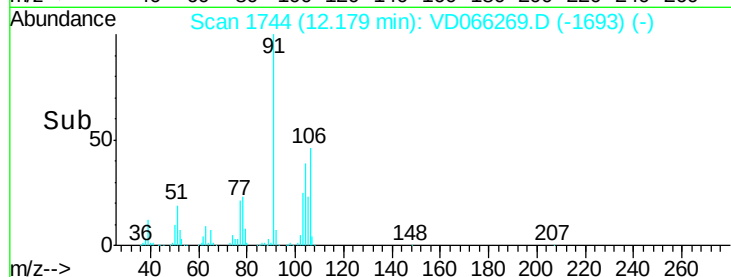
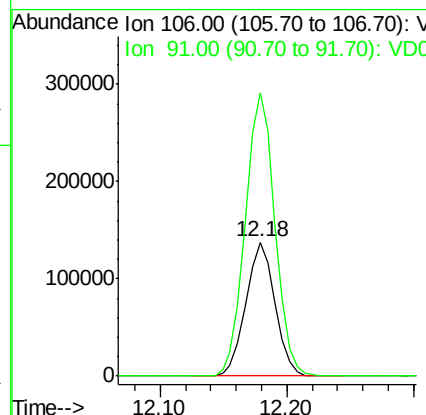
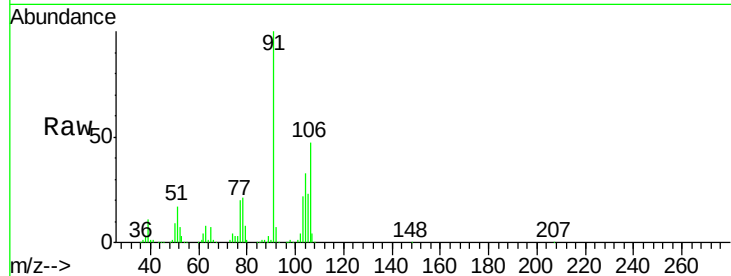
#69
o-Xylene
Concen: 50.679 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		219121		
91	214.9	105.7	317.1		

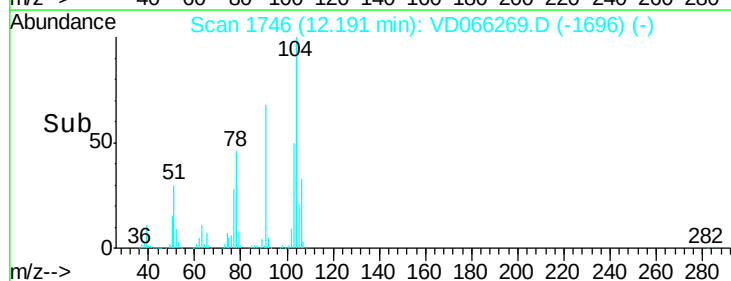
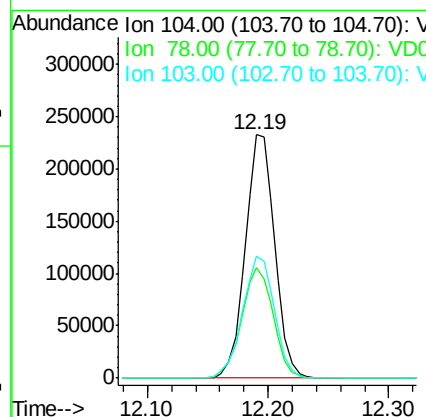
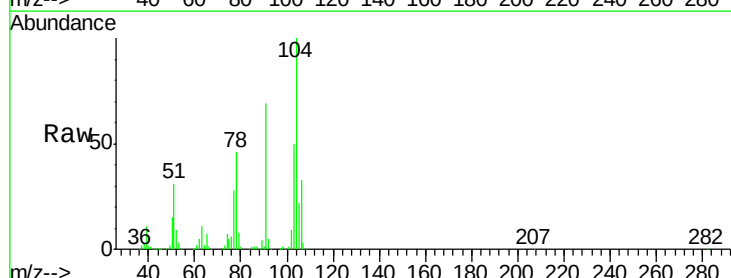
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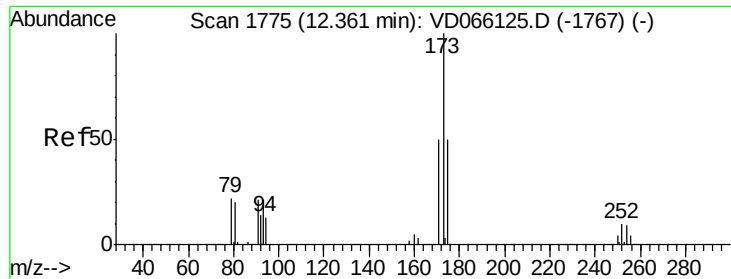
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#70
Styrene
Concen: 52.189 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		395459		
78	48.8	38.6	58.0		
103	54.2	44.1	66.1		





#71

Bromoform

Concen: 52.168 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

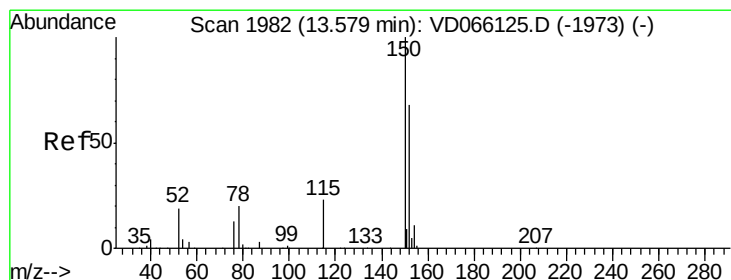
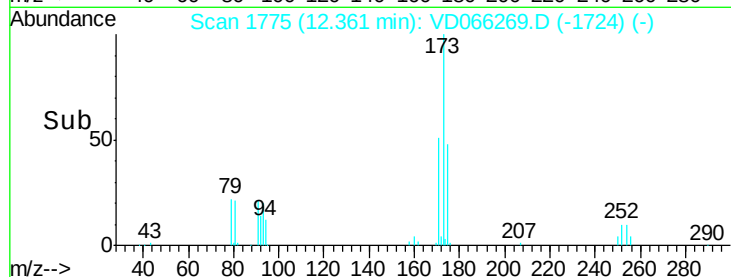
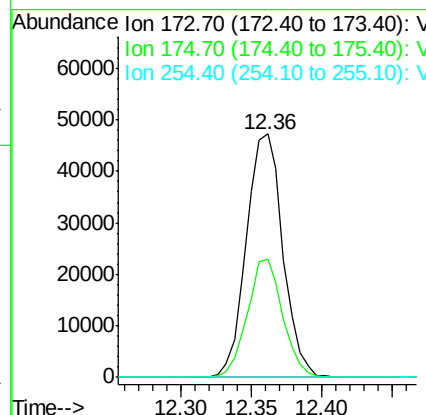
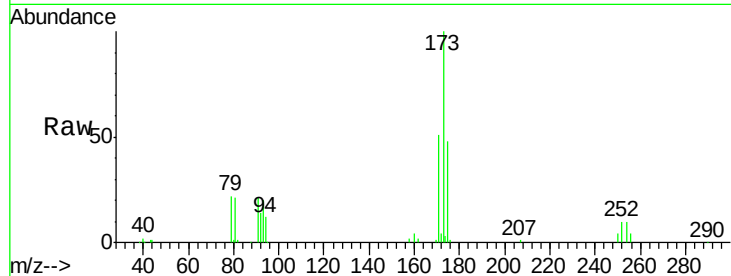
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	85613
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.6	73.6
254	0.0	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

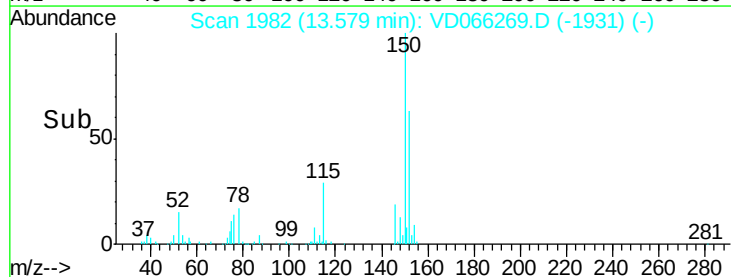
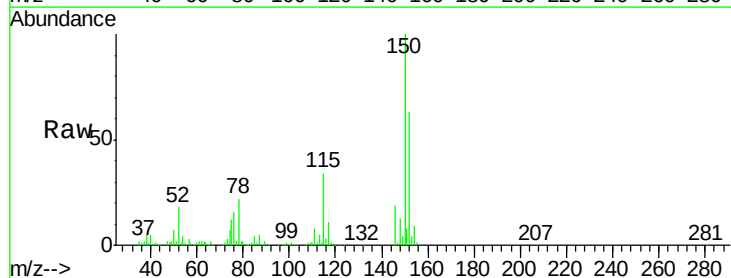
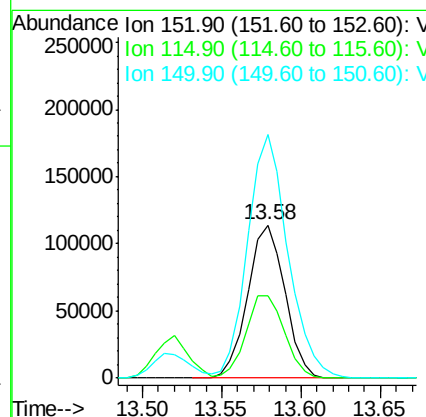
RT: 13.58 min Scan# 1982

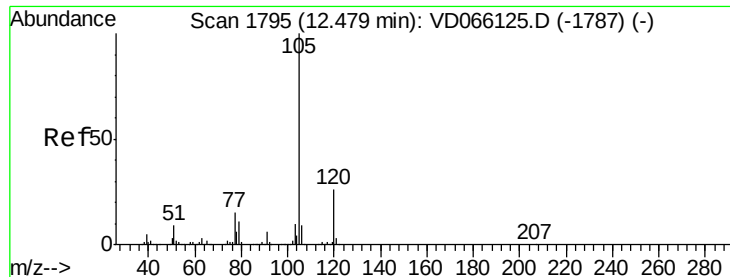
Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion:	152	Resp:	185996
Ion Ratio	Lower	Upper	
152	100		
115	55.9	28.0	83.9
150	172.3	0.0	346.4





#73

Isopropylbenzene

Concen: 49.991 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 620668

Ion Ratio Lower Upper

105 100

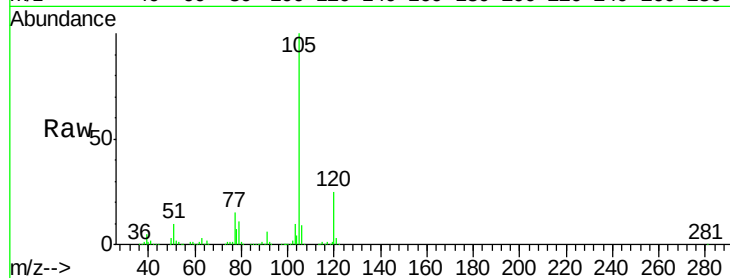
120 26.1 13.3 39.9

Manual Integrations

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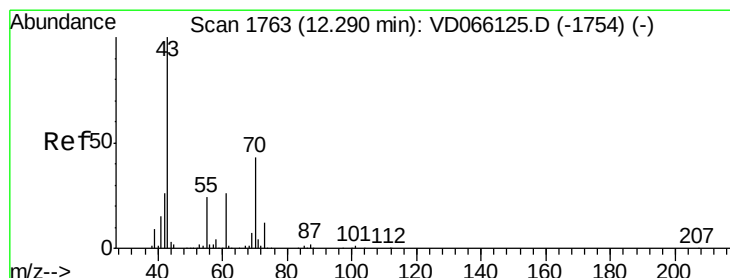
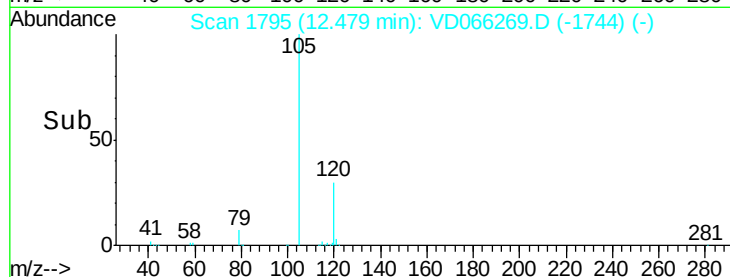
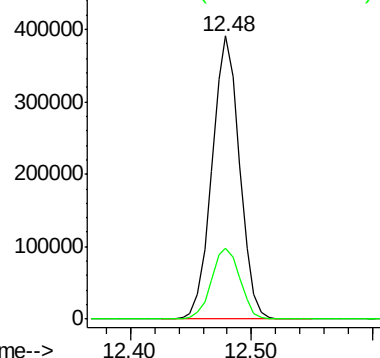
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.188 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Tgt Ion: 43 Resp: 137215

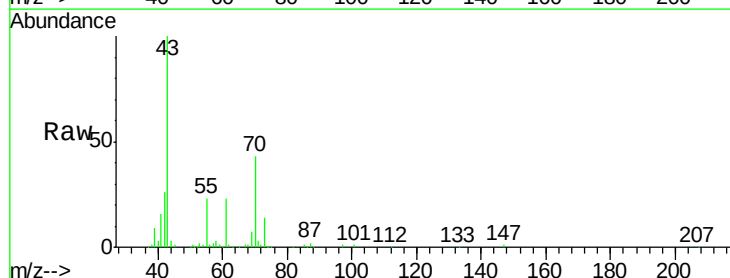
Ion Ratio Lower Upper

43 100

70 43.4 34.9 52.3

55 24.2 19.2 28.8

61 24.5 19.7 29.5

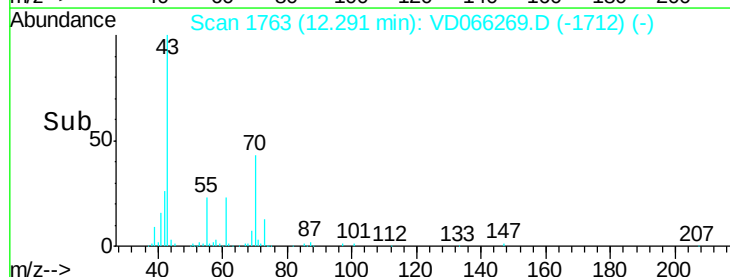
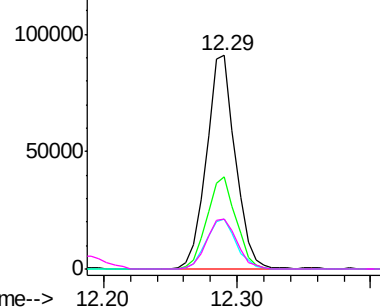


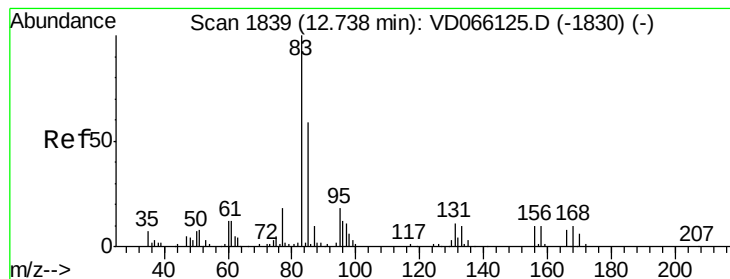
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 48.797 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 103307
Ion Ratio Lower Upper

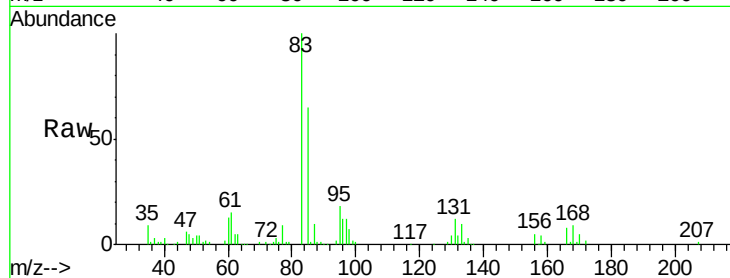
83 100

131 13.4 6.2 18.6

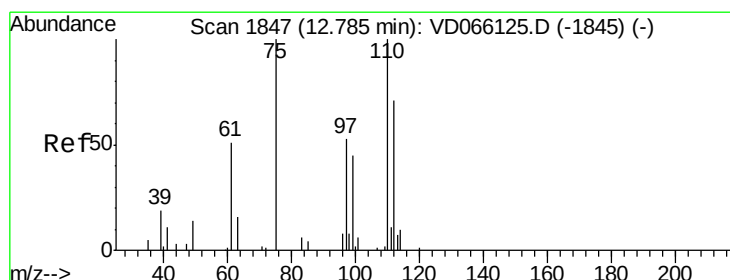
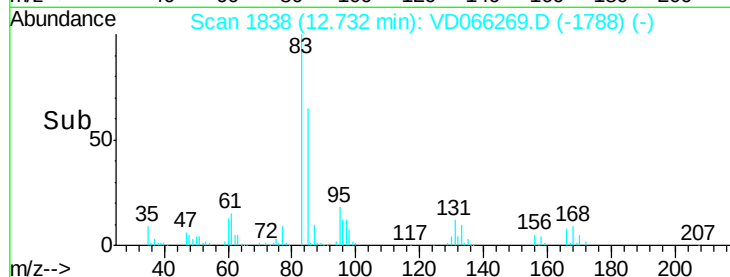
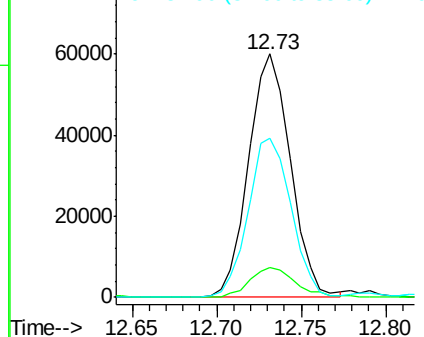
85 67.0 32.4 97.2

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 43.120 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

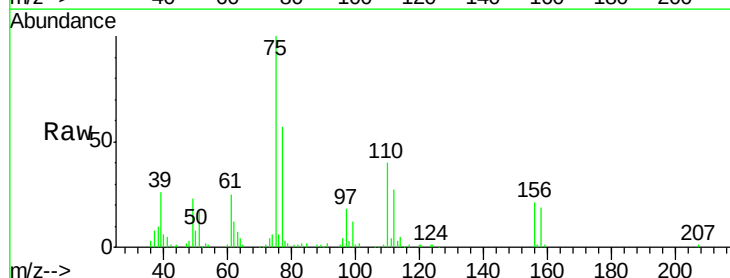
Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

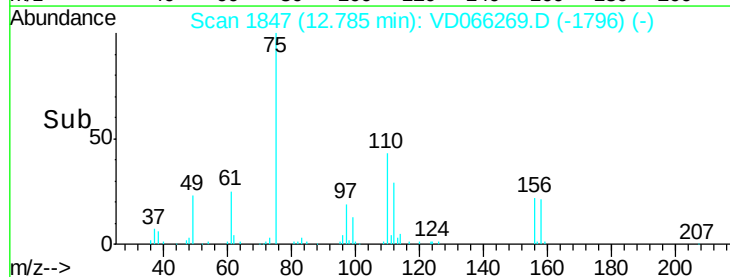
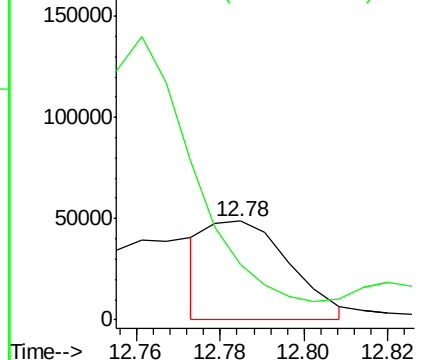
Tgt Ion: 75 Resp: 66883
Ion Ratio Lower Upper

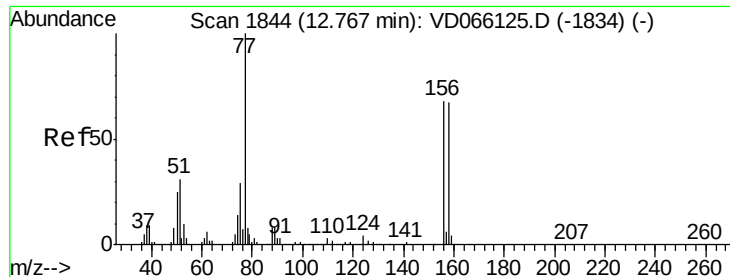
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.264 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

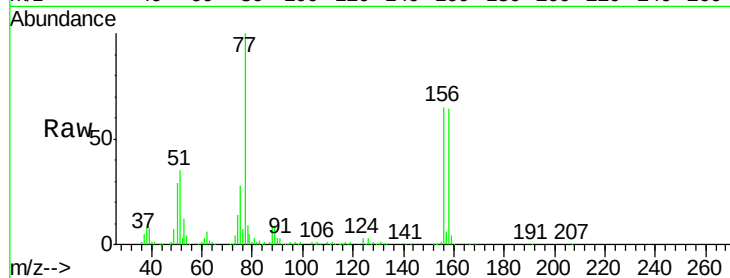
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	160647
Ion Ratio	Lower	Upper	
156	100		
77	159.8	81.0	243.1
158	96.0	48.8	146.3

Manual Integrations
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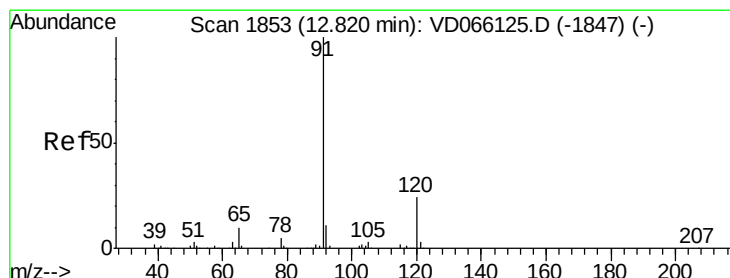
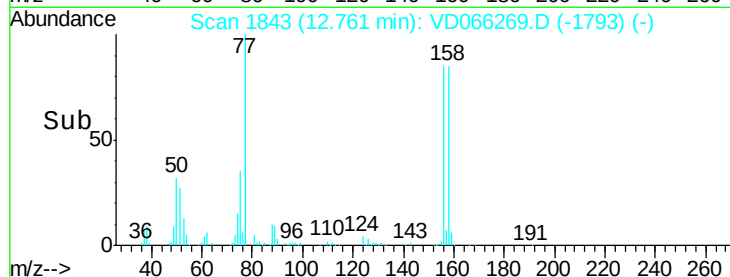
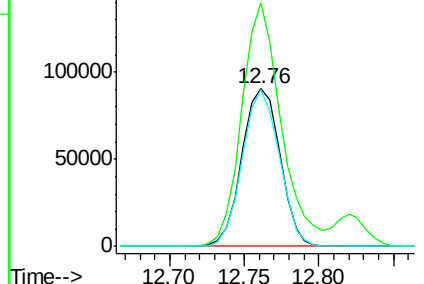
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.279 ug/l

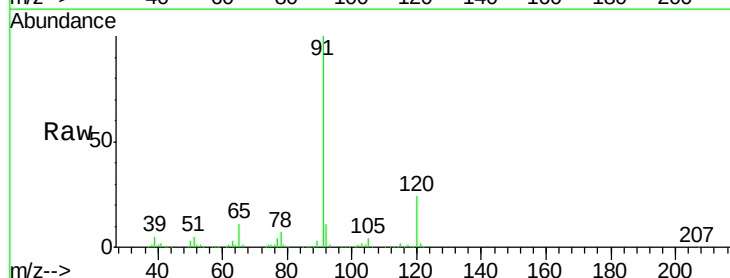
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066269.D

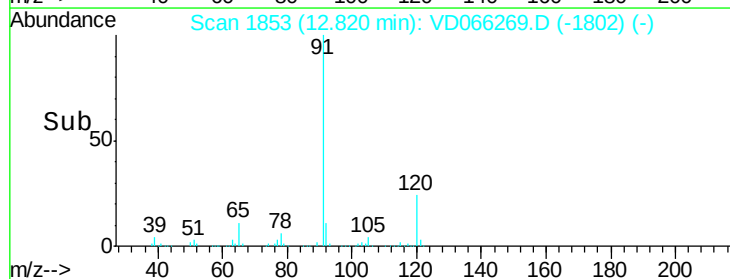
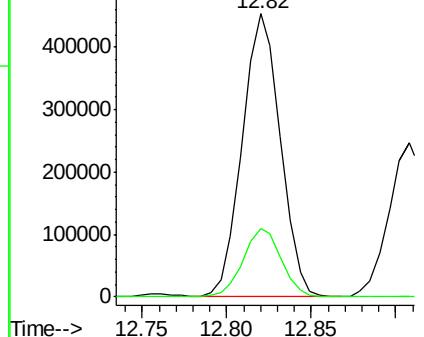
Acq: 17 Aug 2020 20:27

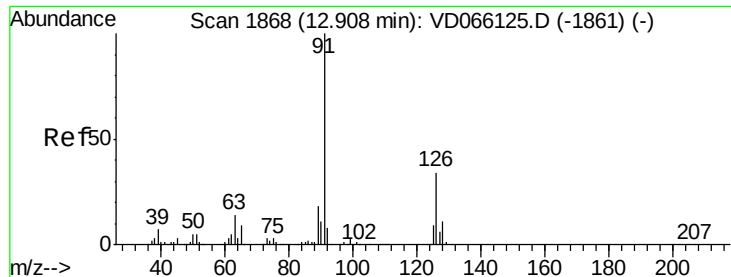
Tgt Ion:	91	Resp:	711214
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





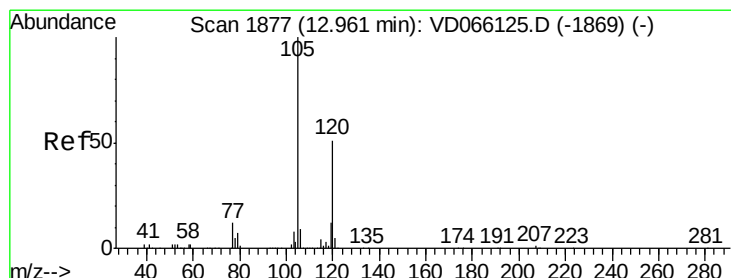
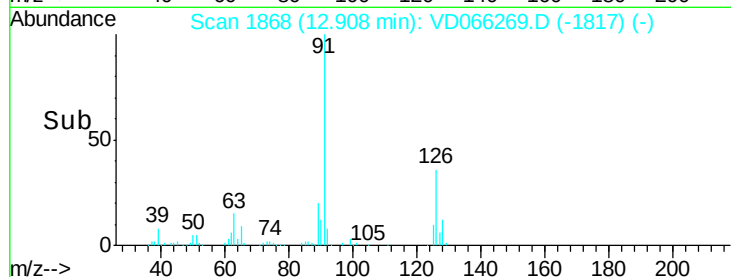
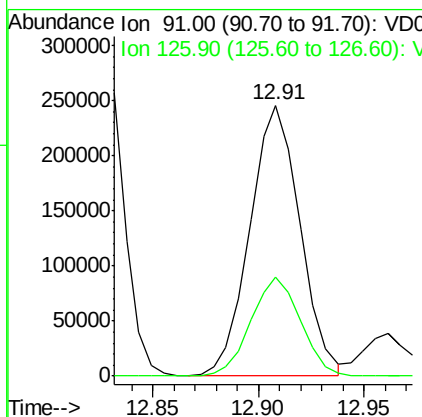
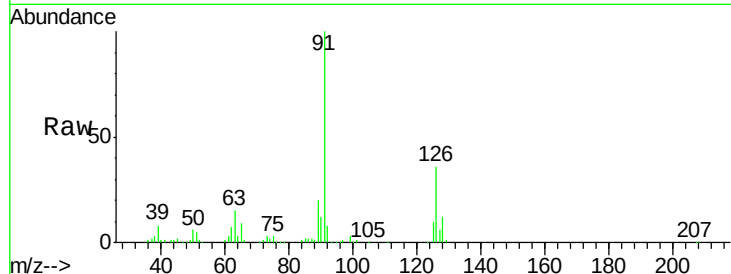
#79
 2-Chlorotoluene
 Concen: 49.053 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 404902
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.6

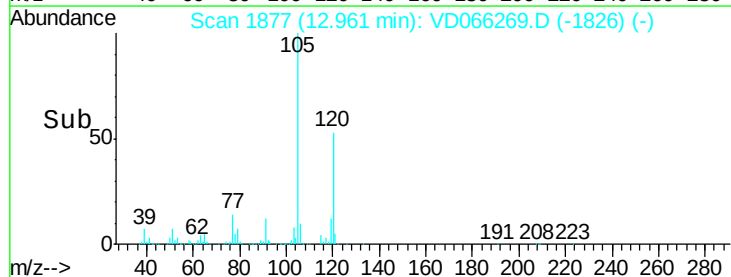
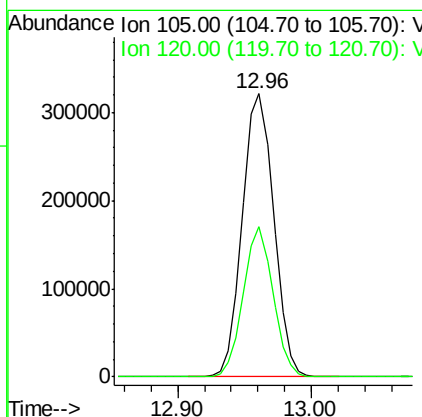
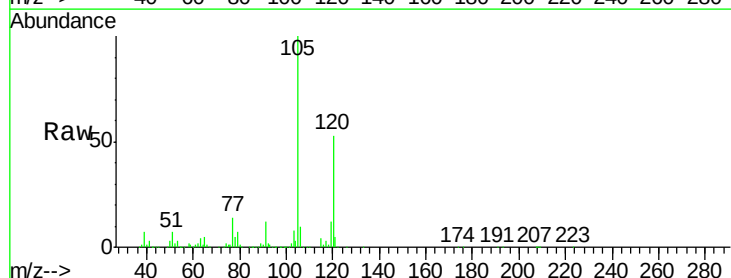
Manual Integrations
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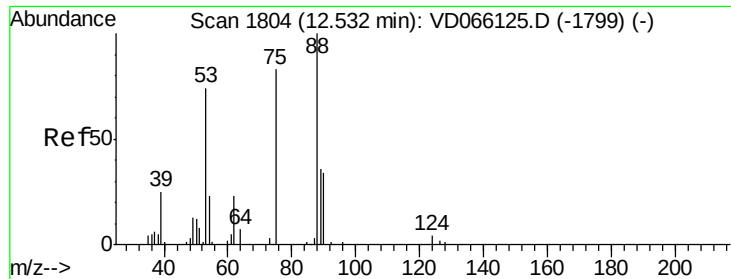
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.333 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion: 105 Resp: 522624
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8





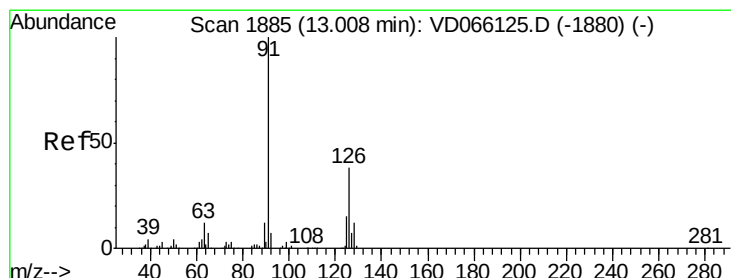
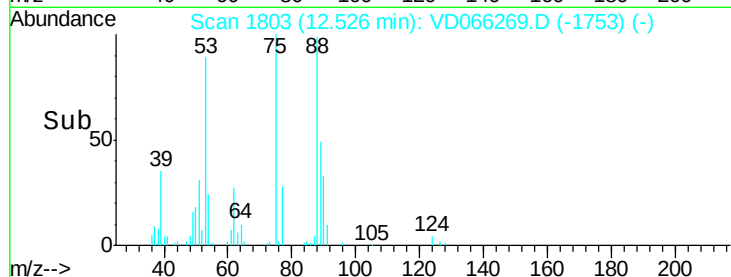
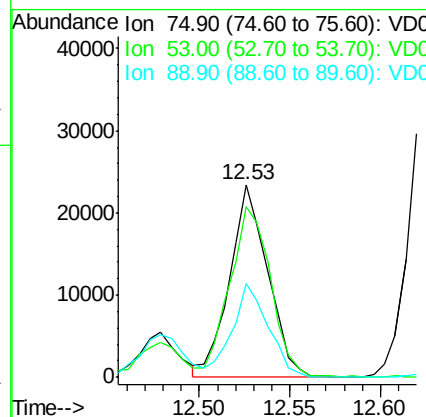
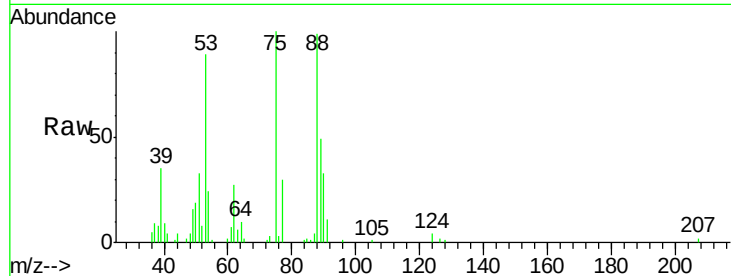
#81
trans-1,4-Dichloro-2-butene
Concen: 48.983 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	73.4	110.2
89	46.0	36.6	55.0

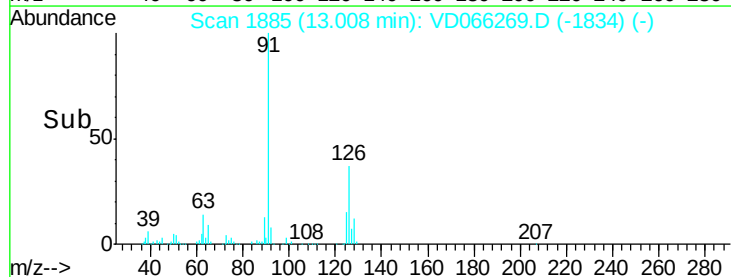
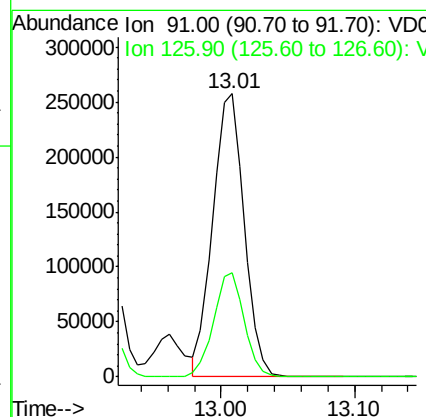
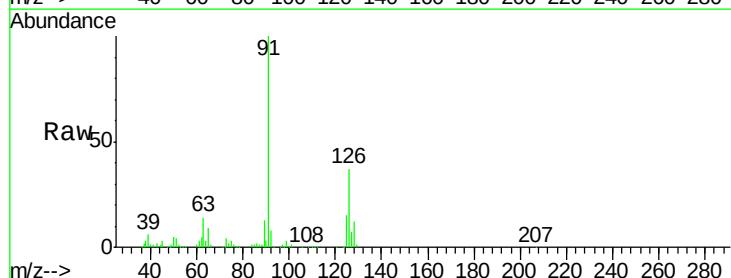
Manual Integrations
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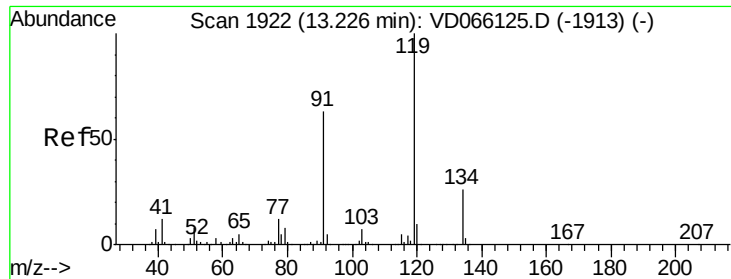
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#82
4-Chlorotoluene
Concen: 48.733 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.8	53.3





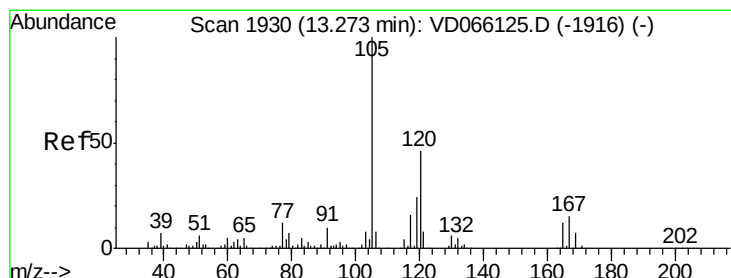
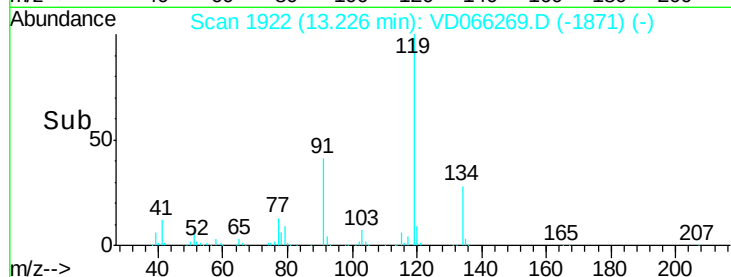
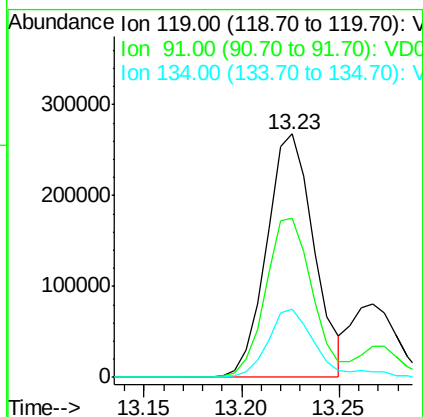
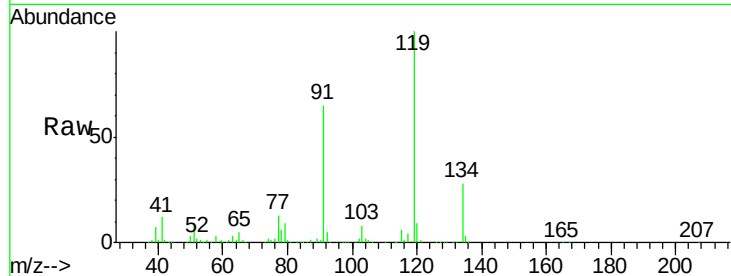
#83
tert-Butylbenzene
Concen: 49.352 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	30.8	92.4
134	28.5	13.6	40.8

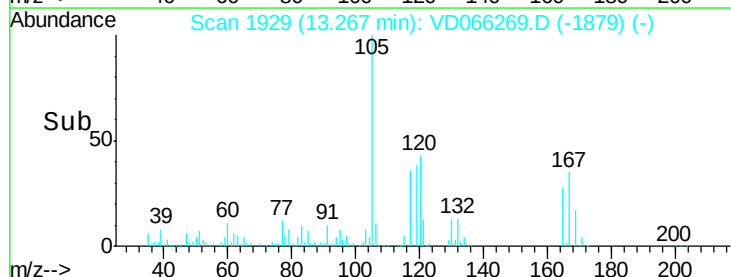
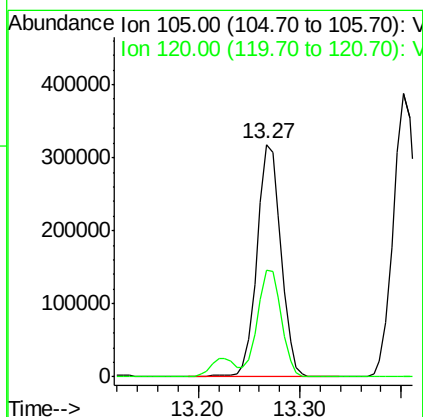
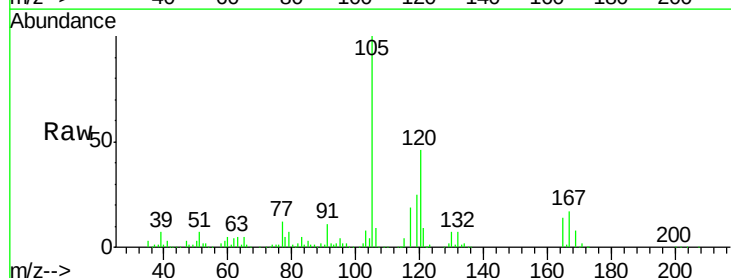
Manual Integrations
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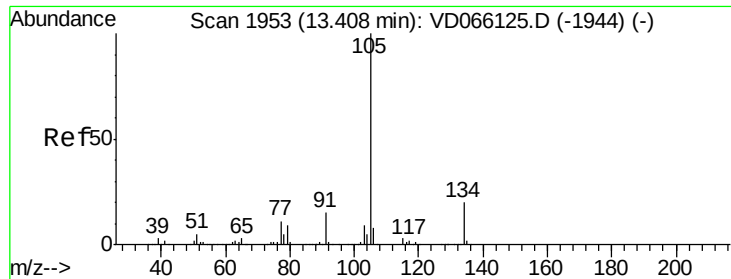
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#84
1,2,4-Trimethylbenzene
Concen: 50.081 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.037 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 616891

Ion Ratio Lower Upper

105 100

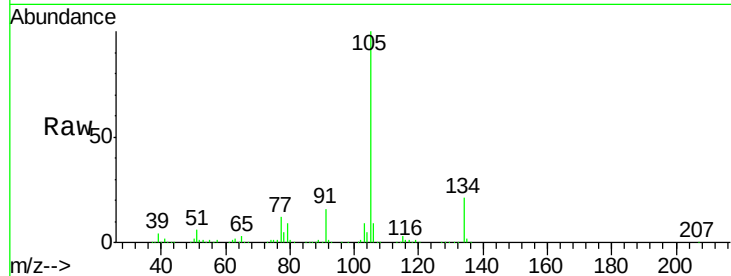
134 21.4 10.4 31.4

Manual Integrations

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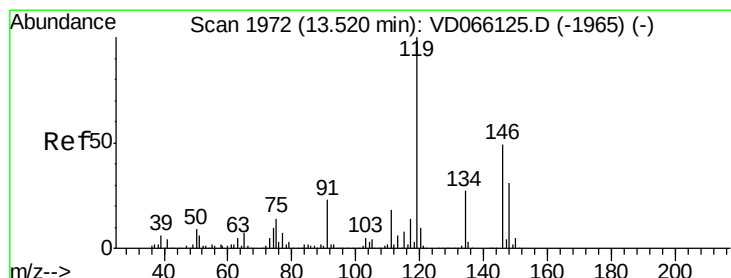
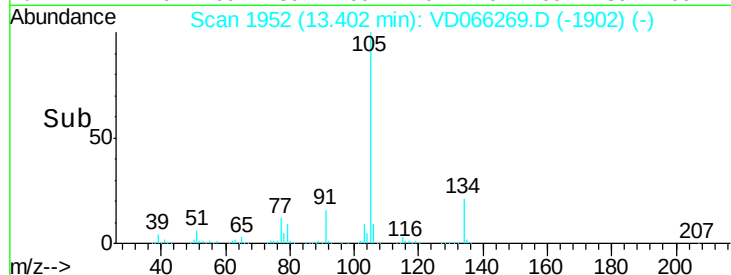
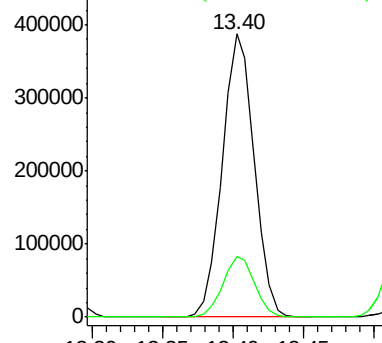
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.384 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066269.D

Acq: 17 Aug 2020 20:27

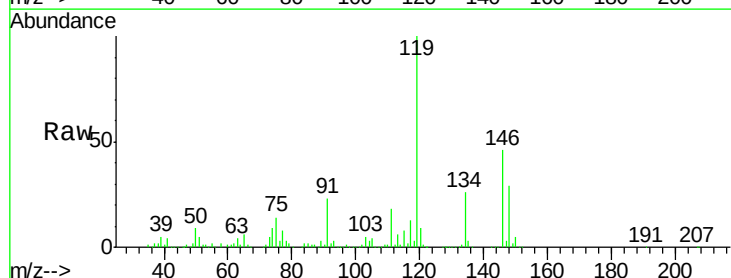
Tgt Ion:119 Resp: 582598

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

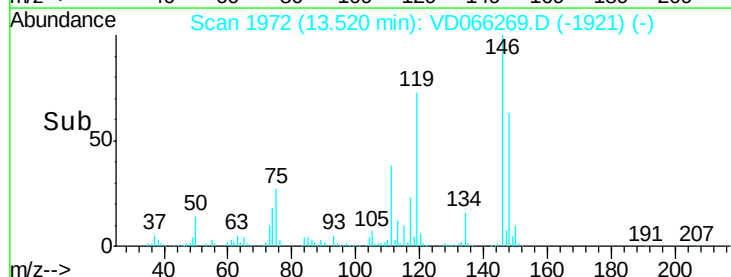
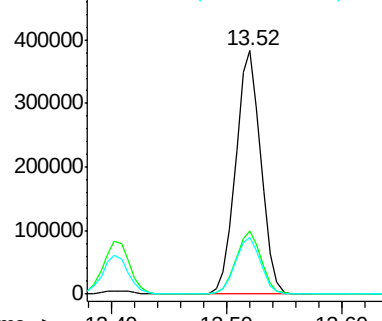
91 23.4 11.2 33.5

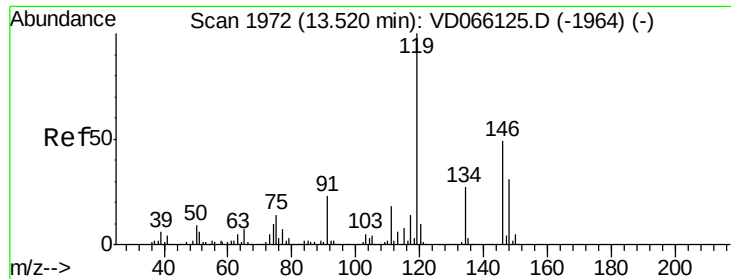


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





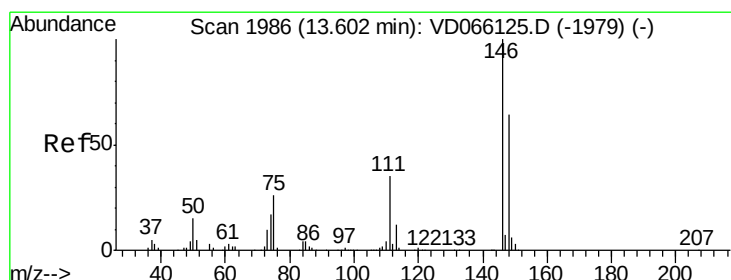
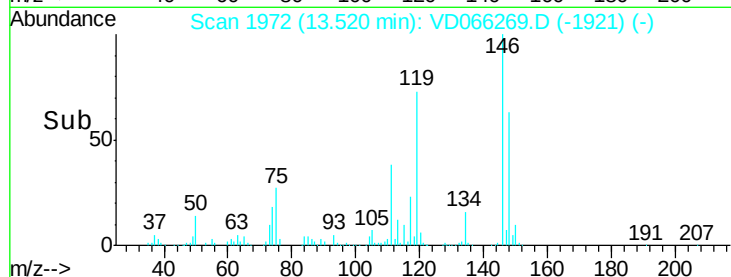
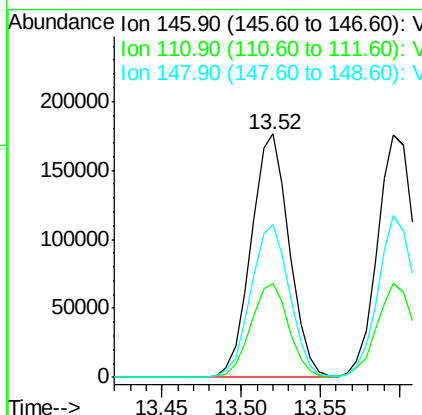
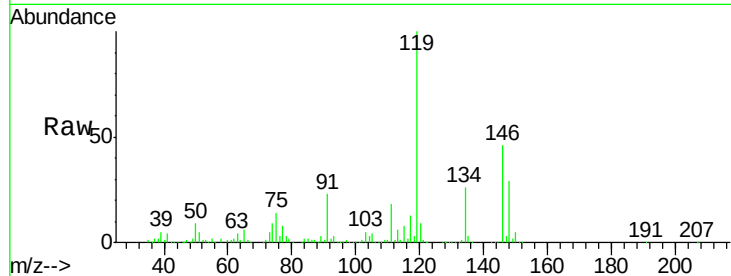
#87
 1,3-Dichlorobenzene
 Concen: 49.087 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294858		
111	38.3	18.9	56.9	
148	63.8	31.8	95.3	

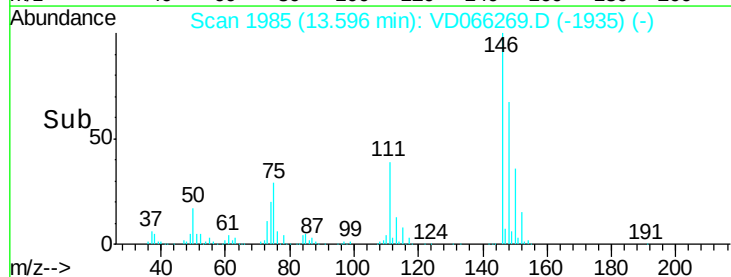
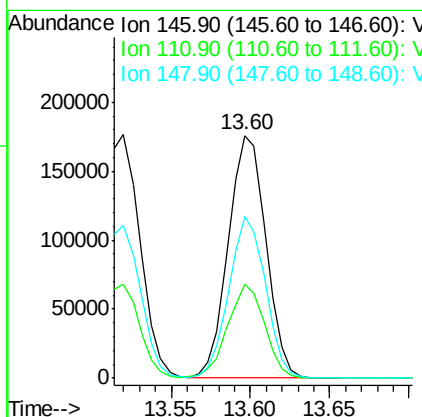
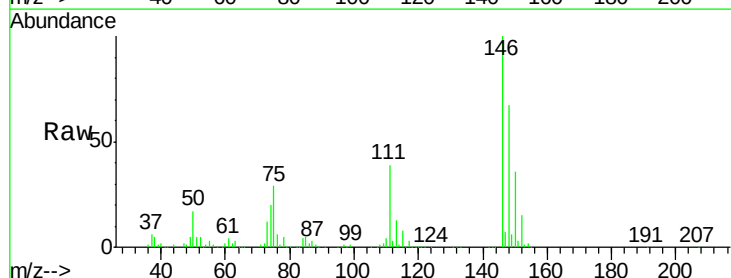
Manual Integrations
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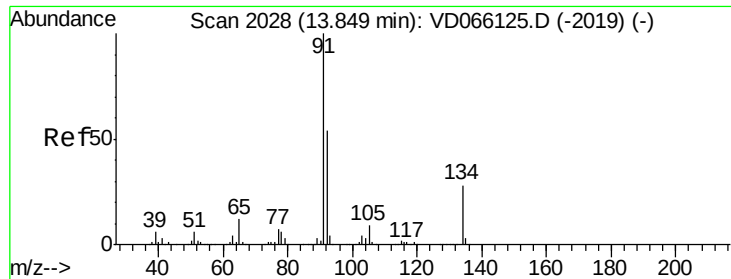
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#88
 1,4-Dichlorobenzene
 Concen: 48.333 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	289538		
111	38.2	18.6	55.8	
148	64.9	32.4	97.0	





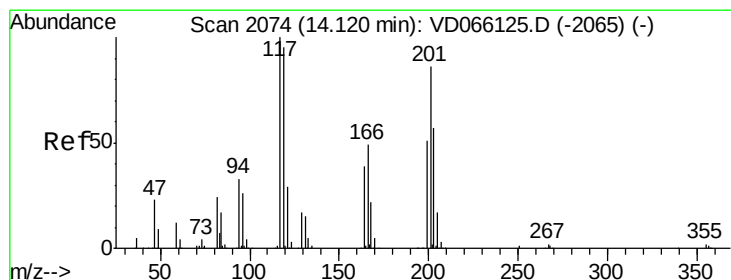
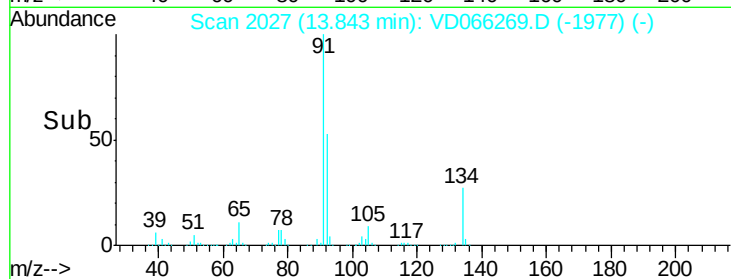
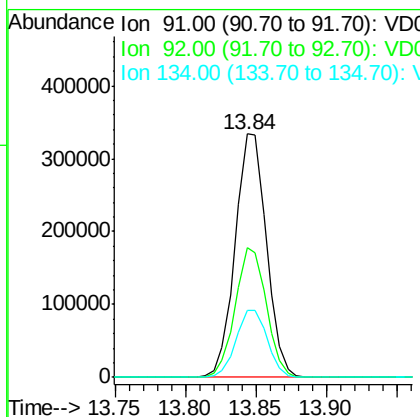
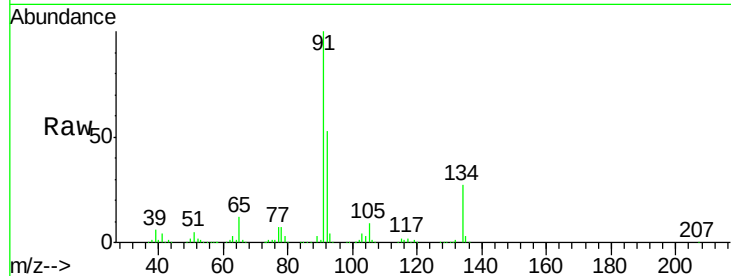
#89
n-Butylbenzene
Concen: 49.930 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.8	80.3	
134	27.9	14.0	41.9	

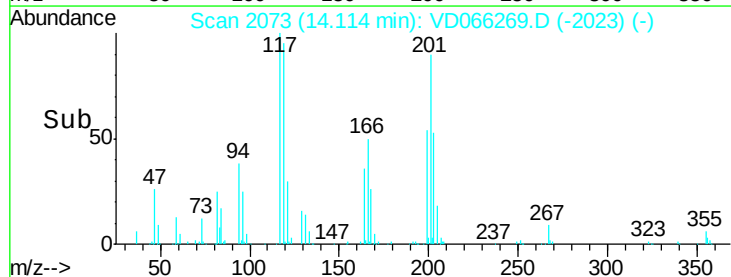
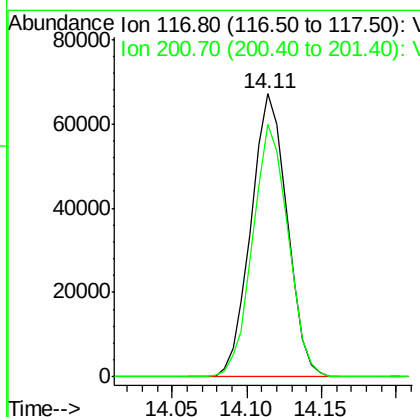
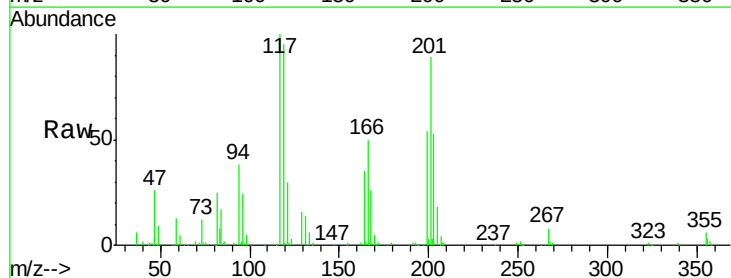
Manual Integrations
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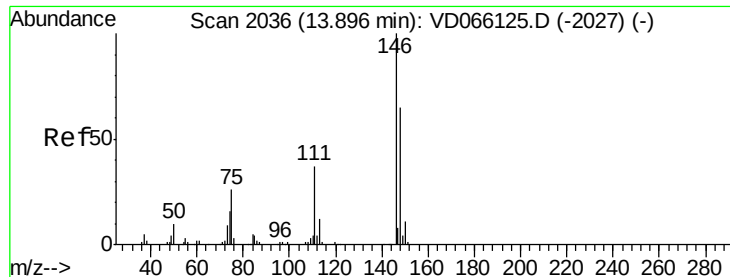
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#90
Hexachloroethane
Concen: 48.713 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.4	42.7	128.1	





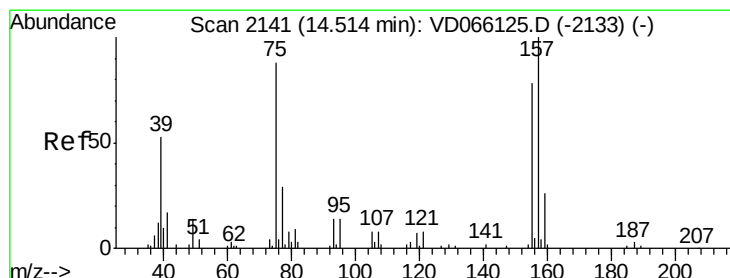
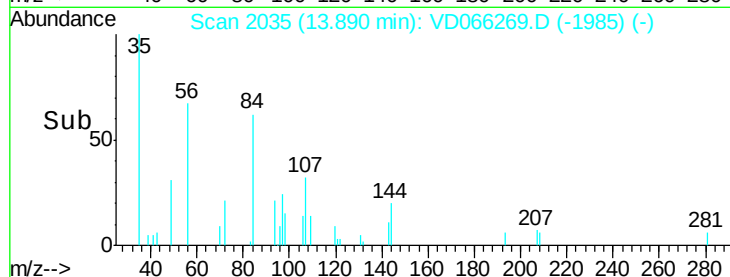
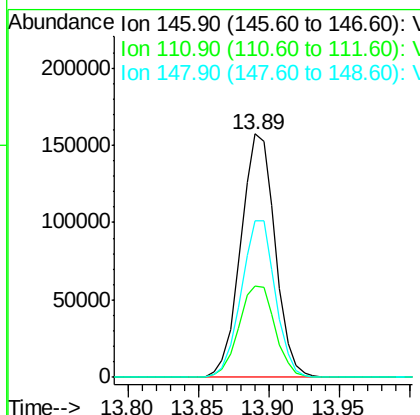
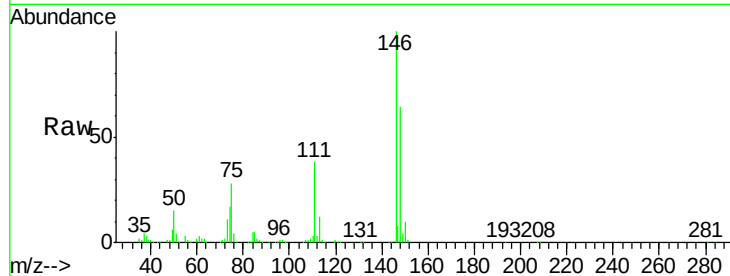
#91
 1,2-Dichlorobenzene
 Concen: 50.282 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	64.0	31.9	95.5

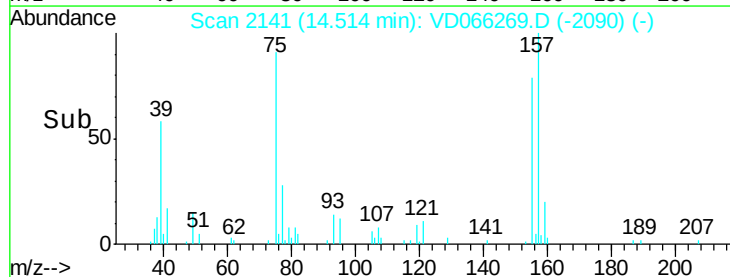
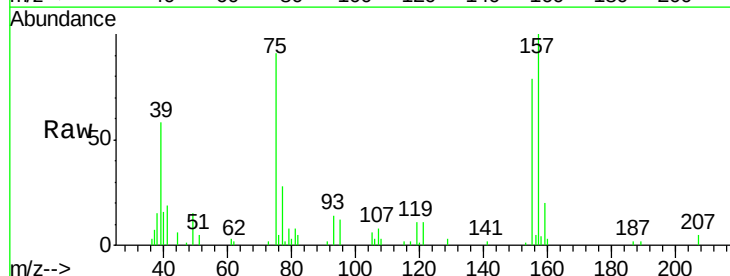
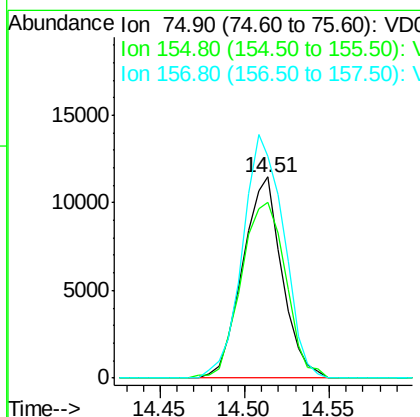
Manual Integrations
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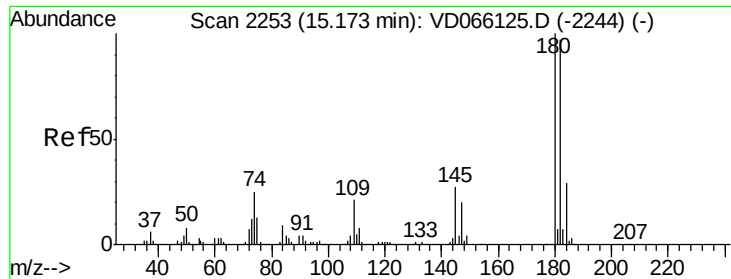
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.168 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	47.7	143.1
157	126.6	62.1	186.2





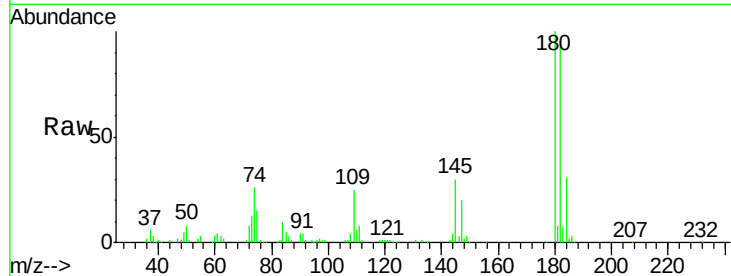
#93
 1,2,4-Trichlorobenzene
 Concen: 49.040 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

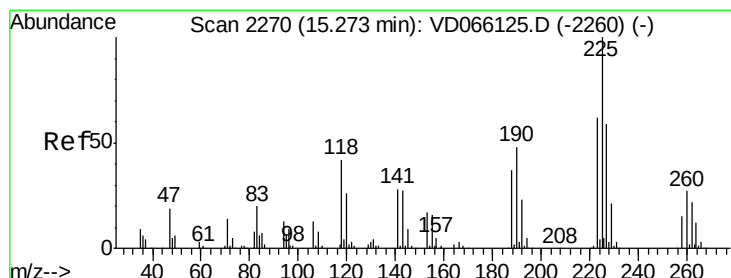
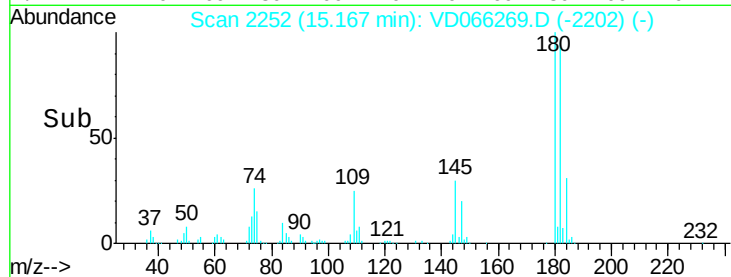
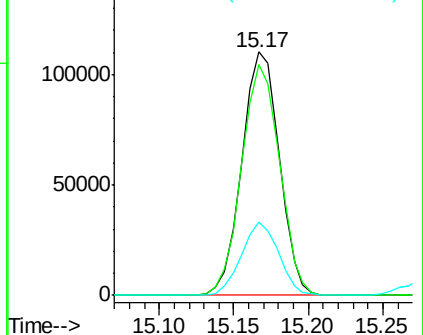
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.2
145	29.9	14.5	43.6

Manual Integrations
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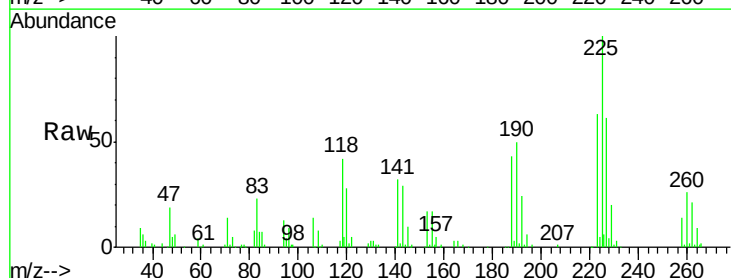


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

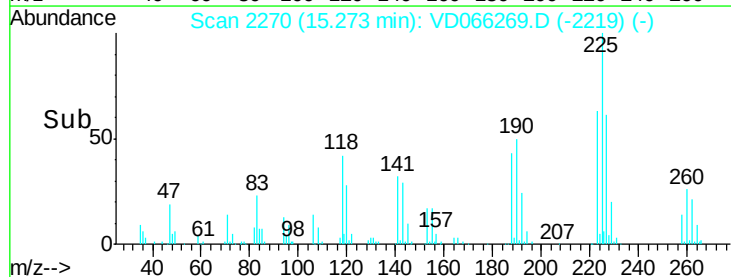
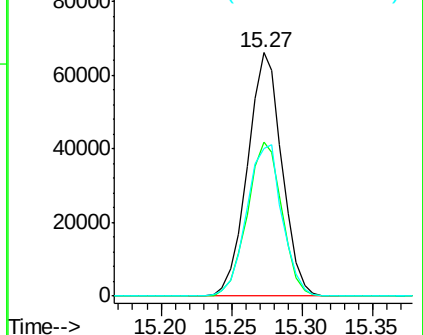


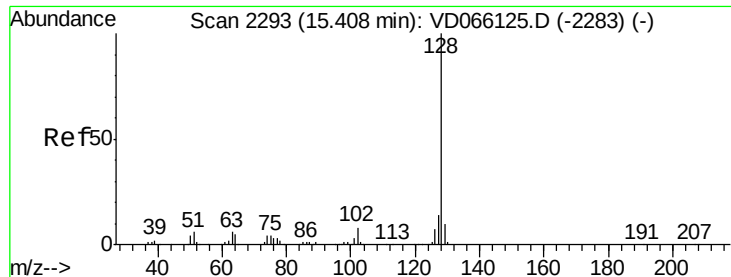
#94
 Hexachlorobutadiene
 Concen: 48.920 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066269.D
 Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.3	96.9
227	64.4	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





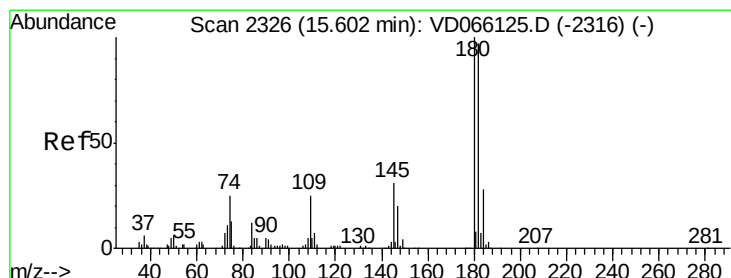
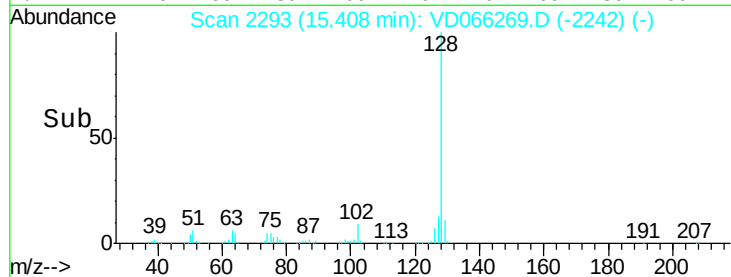
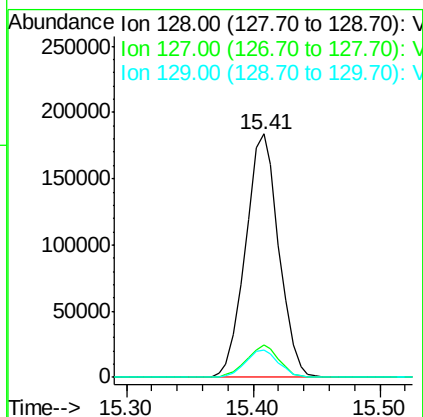
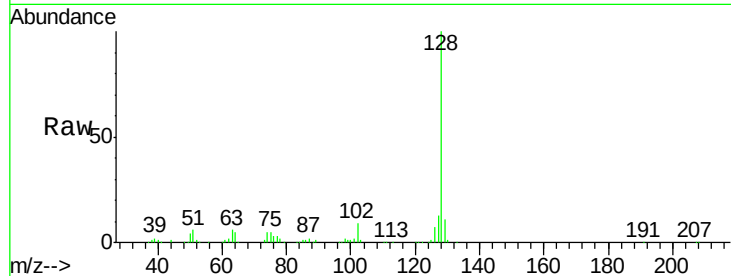
#95
Naphthalene
Concen: 52.448 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:08:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.275 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066269.D
Acq: 17 Aug 2020 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.1	141.4
145	31.5	14.9	44.9

