

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067340.D
 Acq On : 21 Oct 2020 11:47
 Operator : VA/SY
 Sample : VD1021SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 5:19:15 PM

Quant Time: Oct 22 00:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	309026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	456447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	426392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	160395	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.93	113	164118	54.03	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.34	98	596106	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.64	95	206446	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	54787	19.412	ug/l	95
3) Chloromethane	2.21	50	38754	19.926	ug/l	99
4) Vinyl Chloride	2.35	62	41446	19.422	ug/l	98
5) Bromomethane	2.76	94	33795	21.415	ug/l	98
6) Chloroethane	2.92	64	27213	20.477	ug/l	91
7) Trichlorofluoromethane	3.27	101	110002	20.472	ug/l	99
8) Diethyl Ether	3.71	74	24419	19.860	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58538	20.505	ug/l	97
10) Methyl Iodide	4.30	142	54669	20.759	ug/l	98
11) Tert butyl alcohol	5.21	59	17723	78.899	ug/l	97
12) 1,1-Dichloroethene	4.07	96	52492	20.581	ug/l	92
13) Acrolein	3.91	56	11379	77.832	ug/l	94
14) Allyl chloride	4.71	41	56501	19.345	ug/l	99
15) Acrylonitrile	5.41	53	41272	100.596	ug/l	98
16) Acetone	4.16	43	40734	93.945	ug/l	99
17) Carbon Disulfide	4.41	76	144096	19.818	ug/l	99
18) Methyl Acetate	4.71	43	20501	20.730	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	100935	19.903	ug/l	92
20) Methylene Chloride	4.97	84	62728	19.882	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	58717	20.006	ug/l	92
22) Diisopropyl ether	6.37	45	111897	20.972	ug/l	96
23) Vinyl Acetate	6.31	43	310511	102.294	ug/l	99
24) 1,1-Dichloroethane	6.27	63	92872	20.334	ug/l	96
25) 2-Butanone	7.21	43	50295	101.760	ug/l	97
26) 2,2-Dichloropropane	7.21	77	99273	21.088	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	66035	20.529	ug/l	100
28) Bromochloromethane	7.54	49	30962	19.875	ug/l	98
29) Tetrahydrofuran	7.56	42	27745	100.985	ug/l	92
30) Chloroform	7.71	83	114459	20.978	ug/l	92
31) Cyclohexane	7.98	56	69829	19.582	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	109906	20.531	ug/l	98
36) 1,1-Dichloropropene	8.12	75	80374	20.775	ug/l	100
37) Ethyl Acetate	7.30	43	24981	21.947	ug/l #	95
38) Carbon Tetrachloride	8.10	117	104173	21.068	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	82539	20.408	ug/l	95
40) Benzene	8.35	78	225791	21.274	ug/l	99
41) Methacrylonitrile	7.53	41	10734	17.451	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	70045	21.089	ug/l	97
43) Isopropyl Acetate	8.46	43	47177	20.888	ug/l	99
44) Trichloroethene	9.11	130	72918	21.458	ug/l	94
45) 1,2-Dichloropropane	9.39	63	51115	20.781	ug/l	99
46) Dibromomethane	9.47	93	32205	21.014	ug/l	96
47) Bromodichloromethane	9.67	83	84571	20.597	ug/l	99
48) Methyl methacrylate	9.46	41	21739	19.806	ug/l	97
49) 1,4-Dioxane	9.46	88	5707	365.539	ug/l #	84
51) 4-Methyl-2-Pentanone	10.23	43	116975	103.839	ug/l	98
52) Toluene	10.41	92	153745	21.269	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	76491	21.207	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	89952	21.309	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	45579	21.810	ug/l	92
56) Ethyl methacrylate	10.66	69	44831	20.685	ug/l	98
57) 1,3-Dichloropropane	10.95	76	71389	21.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	119168	107.179	ug/l	99
59) 2-Hexanone	10.98	43	80573	104.671	ug/l	99
60) Dibromochloromethane	11.14	129	66099	21.688	ug/l	99
61) 1,2-Dibromoethane	11.25	107	44493	21.596	ug/l	100
64) Tetrachloroethene	10.88	164	65411	21.173	ug/l	93
65) Chlorobenzene	11.67	112	172173	21.057	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	69911	21.513	ug/l	99
67) Ethyl Benzene	11.75	91	297711	21.241	ug/l	99
68) m/p-Xylenes	11.86	106	232143	43.010	ug/l	98
69) o-Xylene	12.18	106	102122	20.432	ug/l	98
70) Styrene	12.20	104	180698	21.002	ug/l	100
71) Bromoform	12.37	173	37140	21.274	ug/l #	100
73) Isopropylbenzene	12.48	105	292621	21.678	ug/l	99
74) N-amyl acetate	12.30	43	41677	20.442	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	46094	22.286	ug/l	95
76) 1,2,3-Trichloropropane	12.79	75	33000m	22.386	ug/l	
77) Bromobenzene	12.77	156	71965	21.384	ug/l	99
78) n-propylbenzene	12.83	91	344415	22.021	ug/l	100
79) 2-Chlorotoluene	12.91	91	196974	21.717	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	257350	21.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	13743	21.141	ug/l	94
82) 4-Chlorotoluene	13.01	91	208983	21.709	ug/l	100
83) tert-Butylbenzene	13.23	119	216885	21.888	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	254999	21.994	ug/l	99
85) sec-Butylbenzene	13.40	105	286016	21.036	ug/l	99
86) p-Isopropyltoluene	13.52	119	277517	21.625	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	138844	21.435	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	140402	21.877	ug/l	99
89) n-Butylbenzene	13.85	91	239492	21.213	ug/l	99
90) Hexachloroethane	14.11	117	46658	20.835	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	121964	21.553	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7053	18.770	ug/l	93

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ClientSampleId :
VD1021SBSD01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84107	22.045	ug/l	95
94) Hexachlorobutadiene	15.27	225	51156	21.592	ug/l	98
95) Naphthalene	15.41	128	128154	20.459	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	69594	21.114	ug/l	99

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

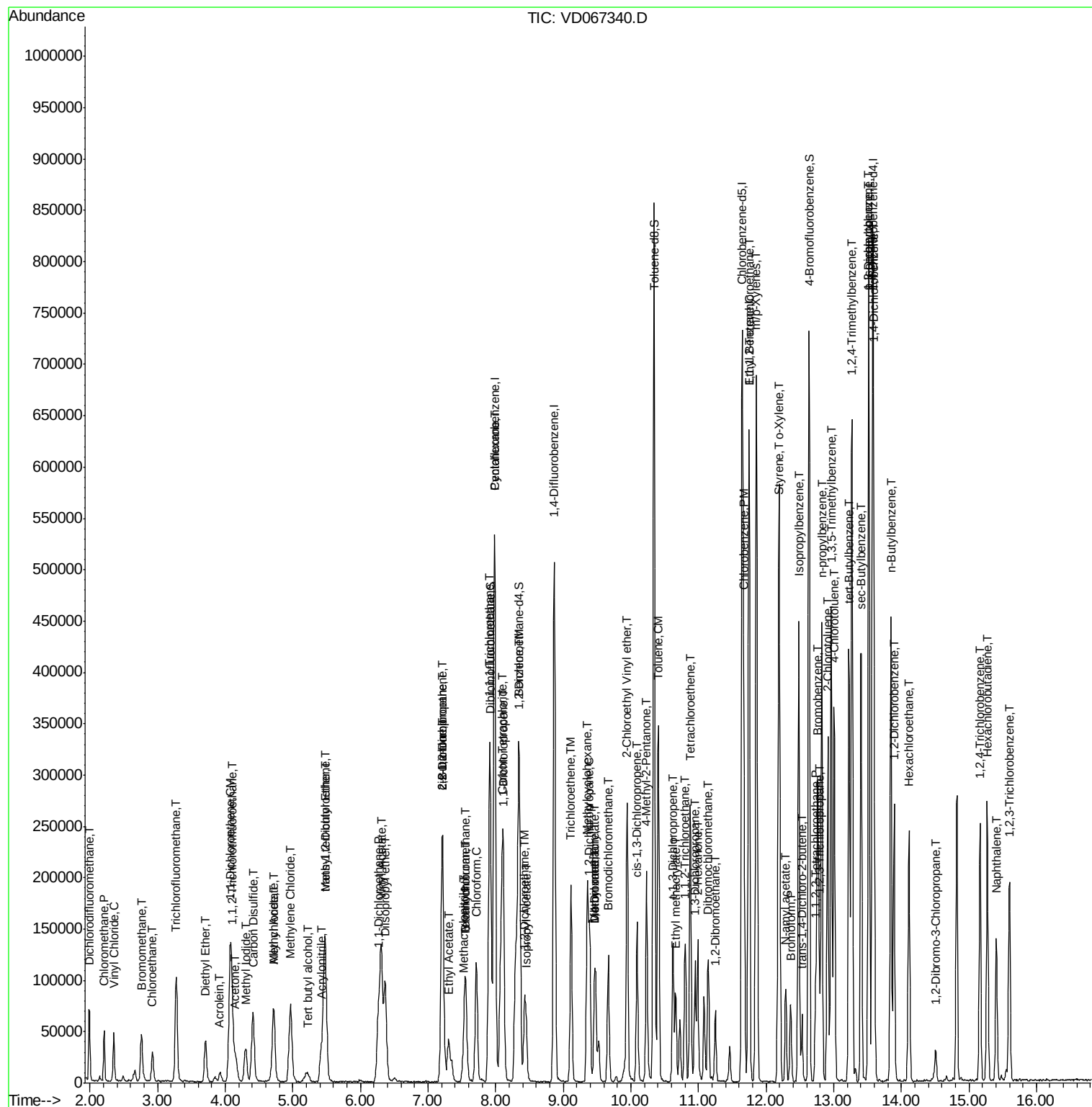
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102120\
Data File : VD067340.D
Acq On : 21 Oct 2020 11:47
Operator : VA/SY
Sample : VD1021SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

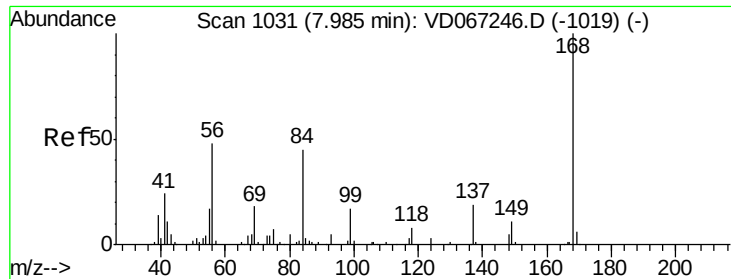
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion:168 Resp: 309026

Ion Ratio Lower Upper

168 100

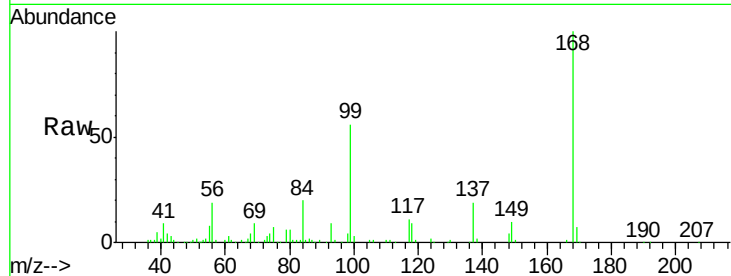
99 55.7 45.9 68.9

Manual Integrations

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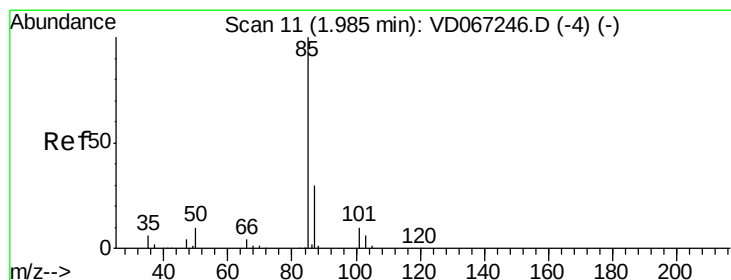
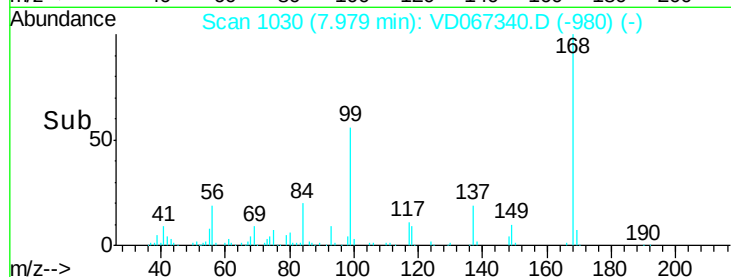
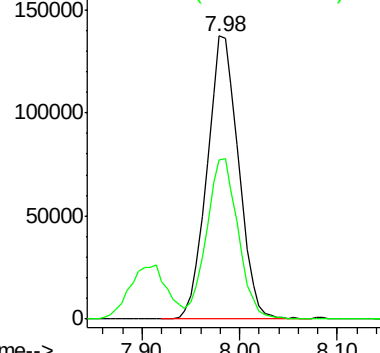
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.412 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067340.D

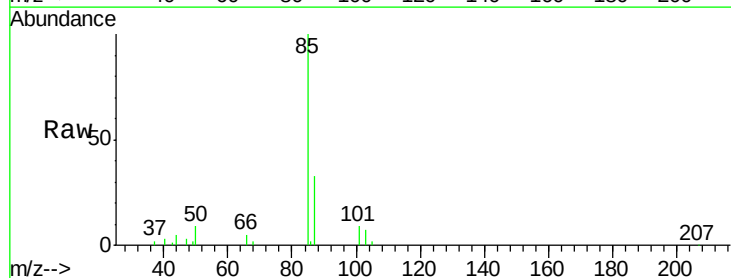
Acq: 21 Oct 2020 11:47

Tgt Ion: 85 Resp: 54787

Ion Ratio Lower Upper

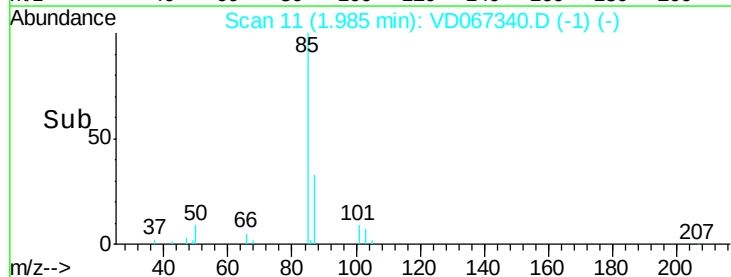
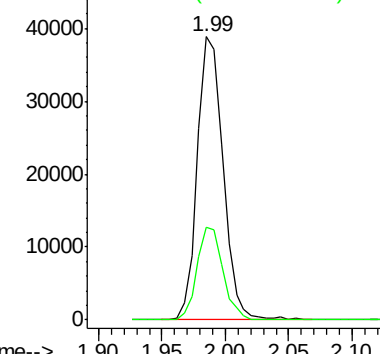
85 100

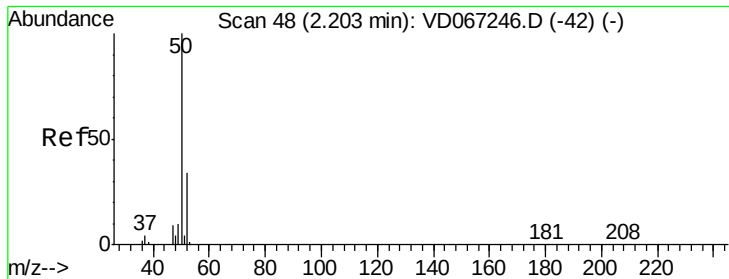
87 32.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.926 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion: 50 Resp: 38754

Ion Ratio Lower Upper

50 100

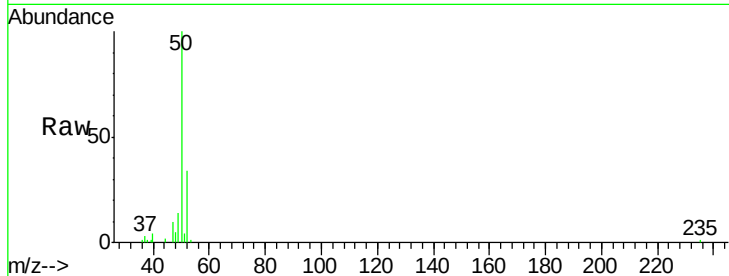
52 33.6 27.1 40.7

Manual Integrations

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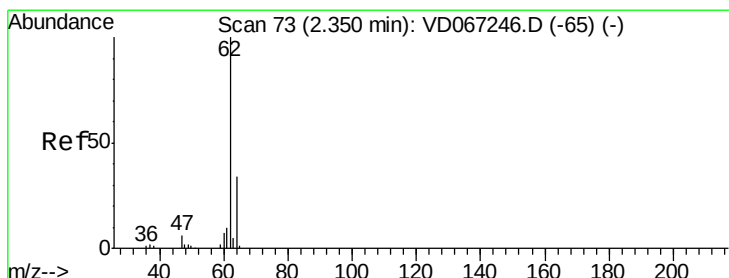
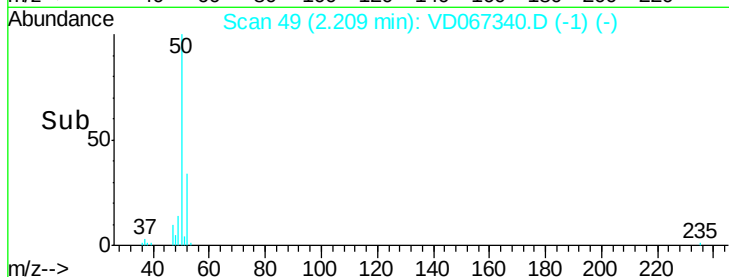
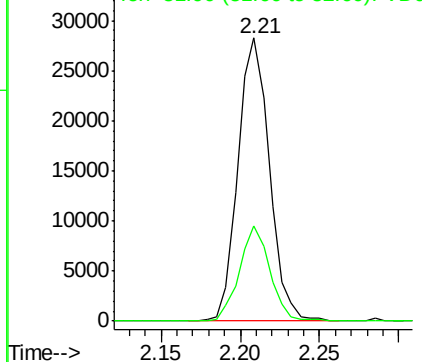
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.422 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067340.D

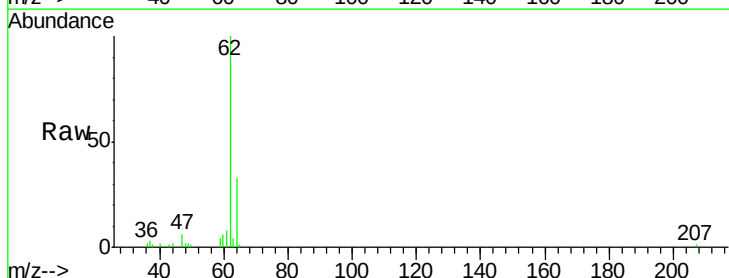
Acq: 21 Oct 2020 11:47

Tgt Ion: 62 Resp: 41446

Ion Ratio Lower Upper

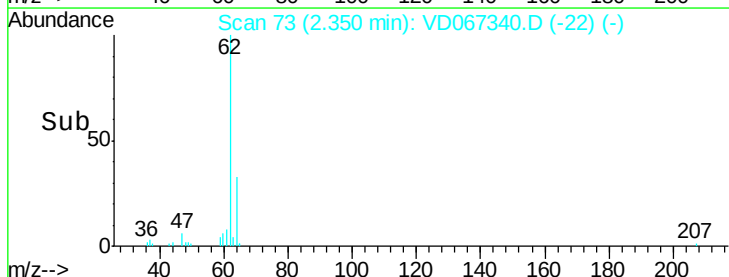
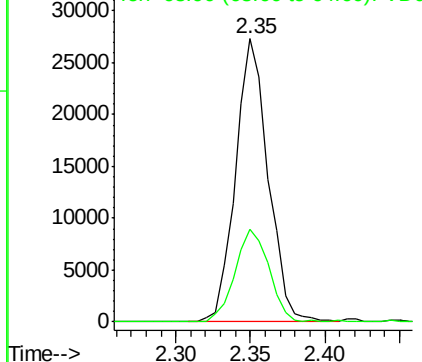
62 100

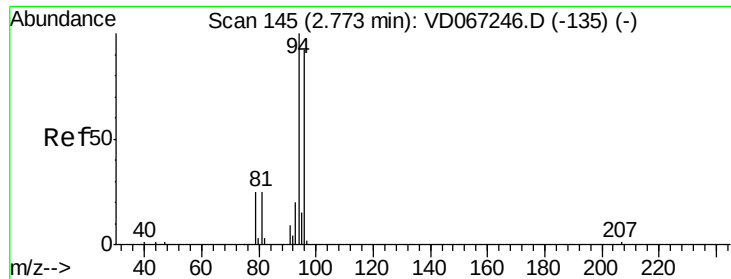
64 32.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.415 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

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VD1021SBS01

Tot Ion: 94 Resp: 33795

Ion Ratio Lower Upper

94 100

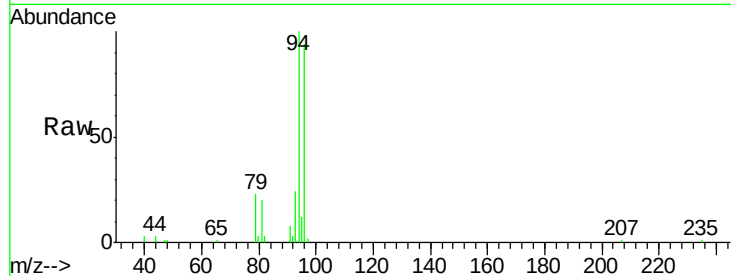
96 94.1 73.8 110.6

Manual Integrations

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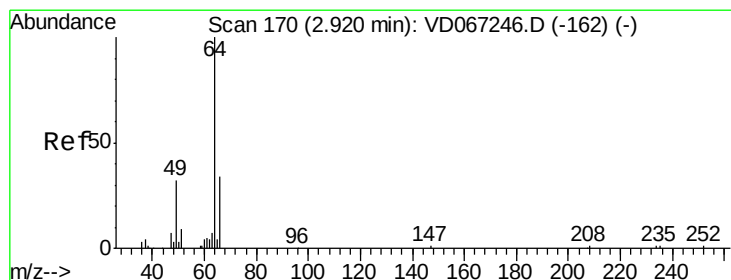
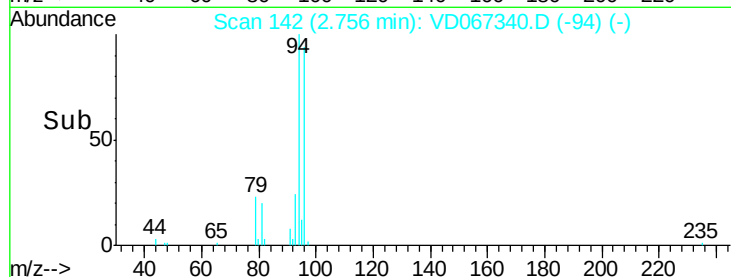
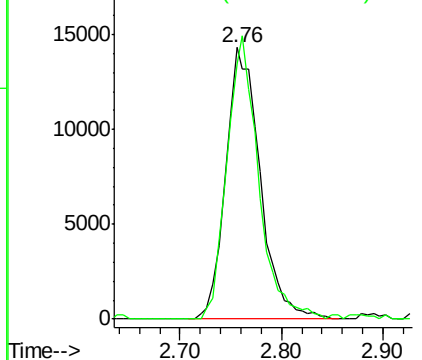
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.477 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067340.D

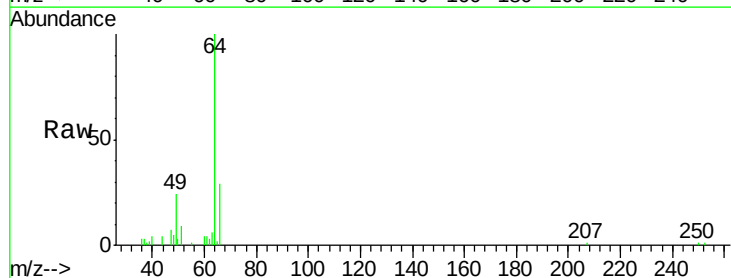
Acq: 21 Oct 2020 11:47

Tgt Ion: 64 Resp: 27213

Ion Ratio Lower Upper

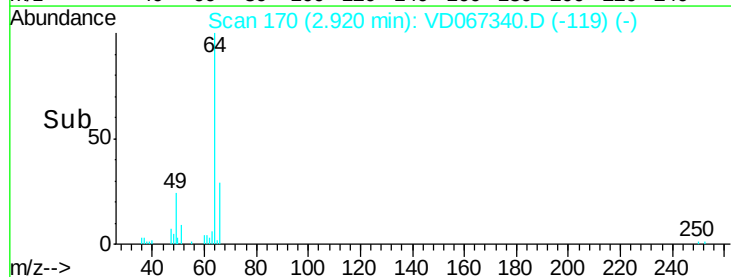
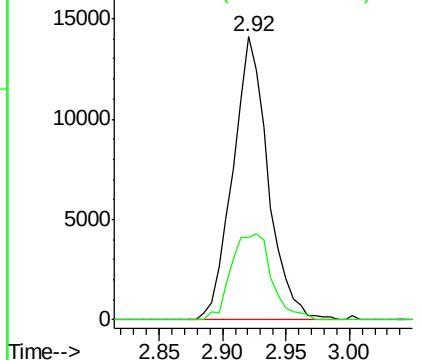
64 100

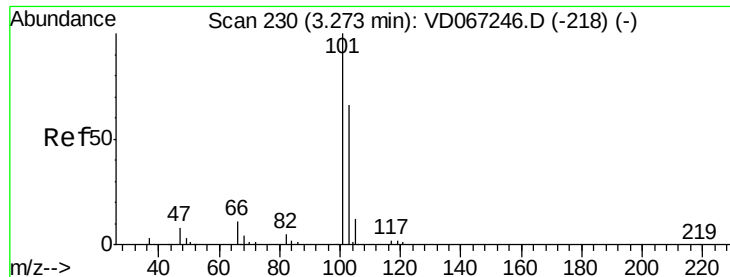
66 29.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

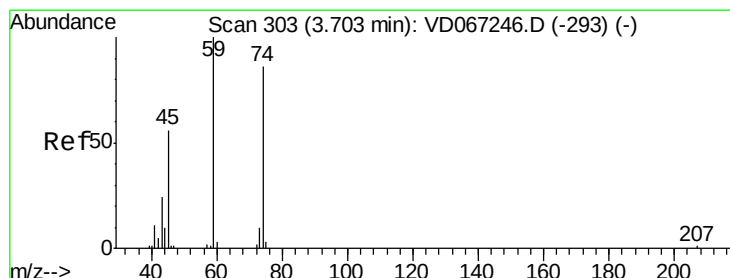
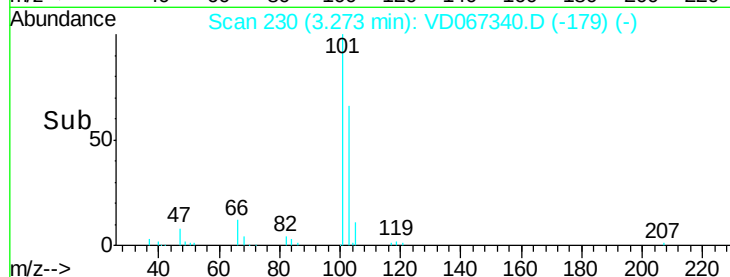
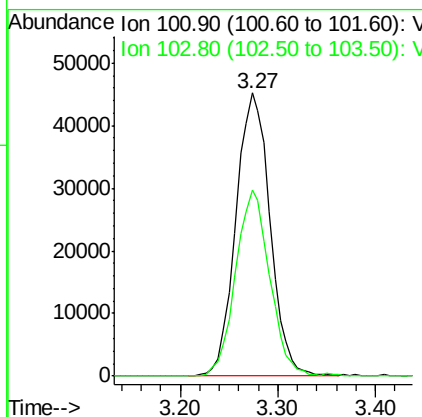
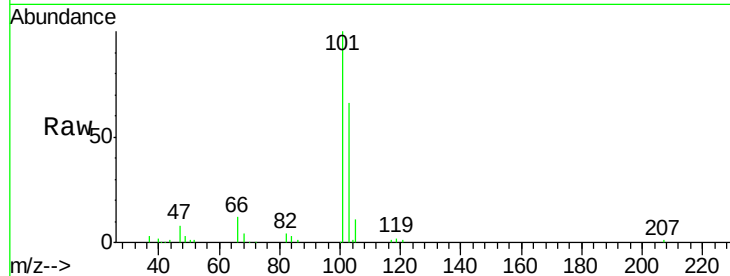
Trichlorofluoromethane
 Concen: 20.472 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
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 ClientSampleId :
 VD1021SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	53.1	79.7

Manual Integrations
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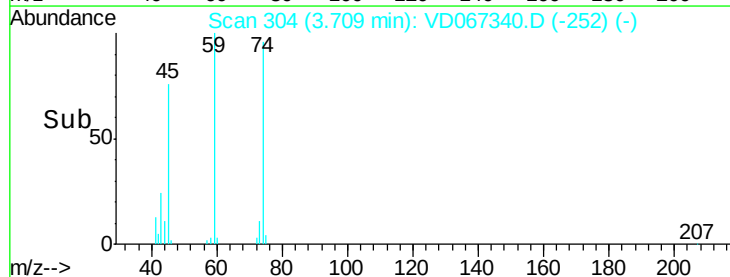
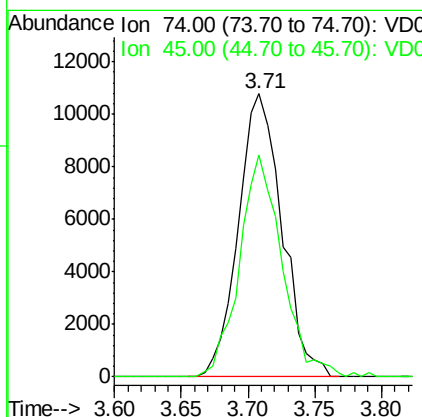
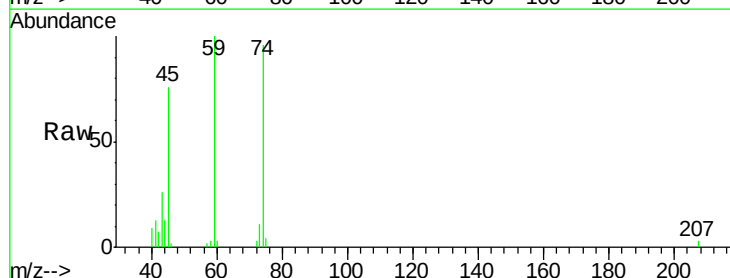
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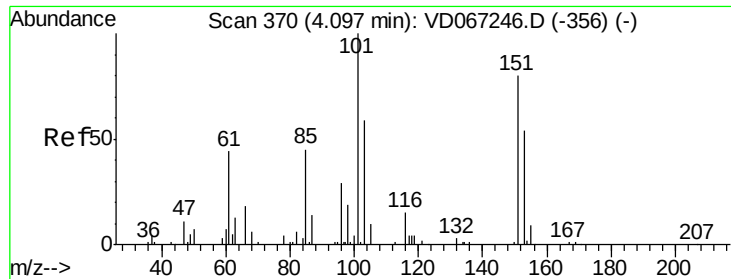


#8

Diethyl Ether
 Concen: 19.860 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.2	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.505 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

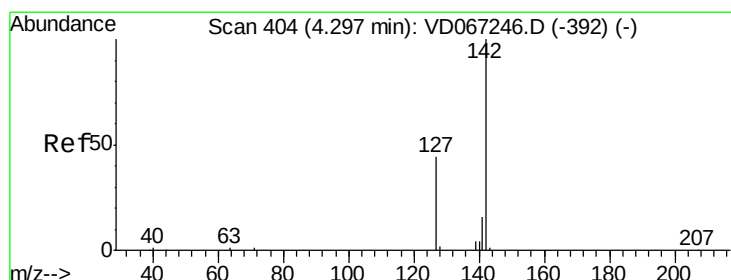
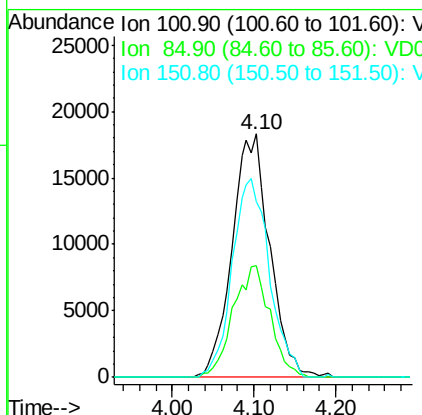
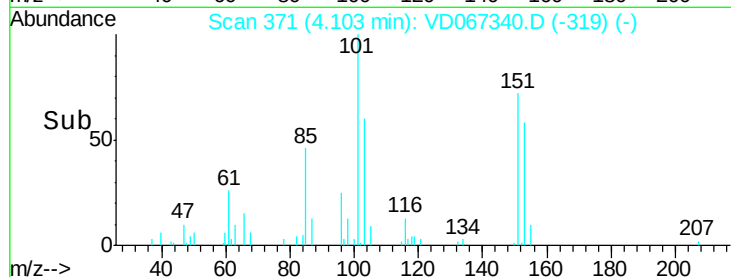
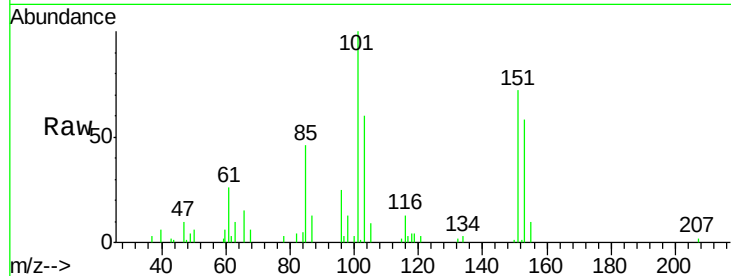
ClientSampleId :

VD1021SBS01

Tot Ion:	101	Resp:	58538
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.2	51.4
151	80.8	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.759 ug/l

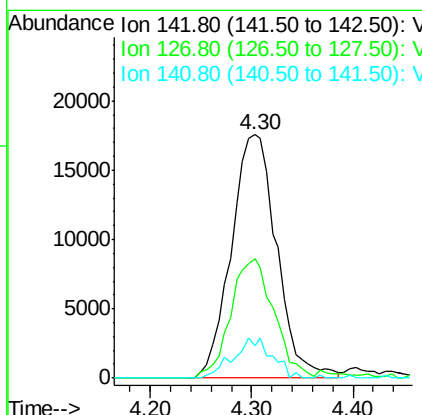
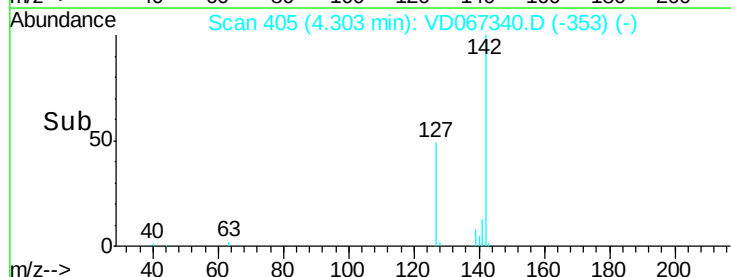
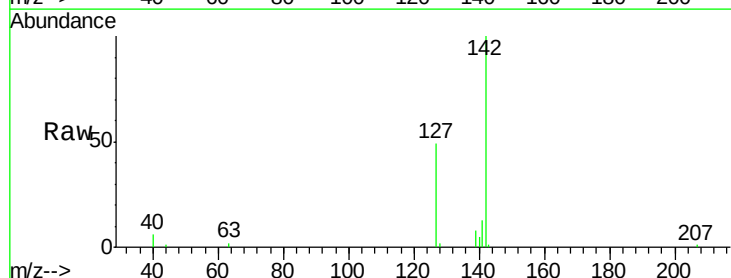
RT: 4.30 min Scan# 405

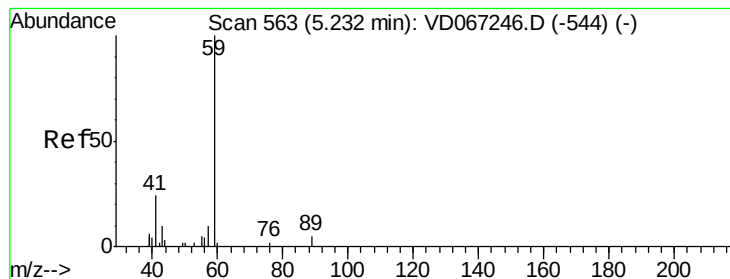
Delta R.T. 0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion:	142	Resp:	54669
Ion Ratio	Lower	Upper	
142	100		
127	46.5	38.4	57.6
141	14.1	11.6	17.4





#11

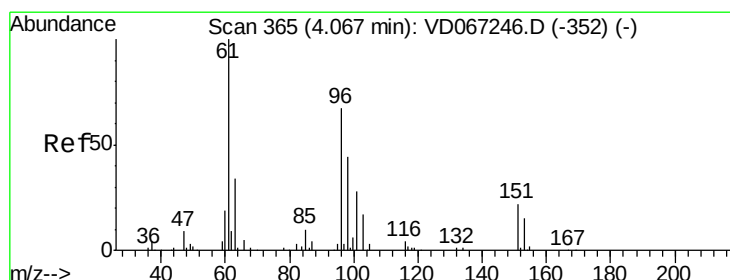
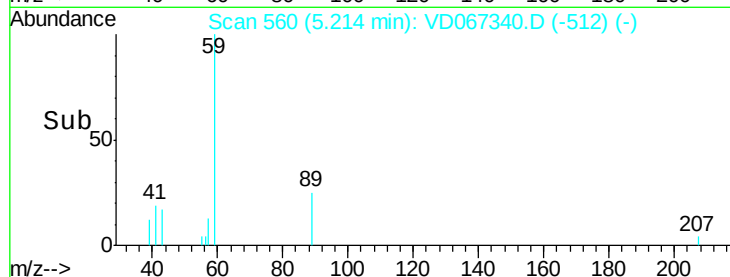
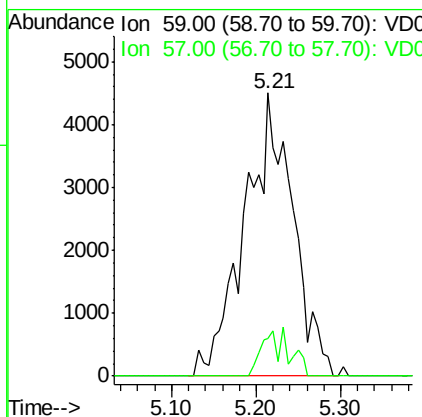
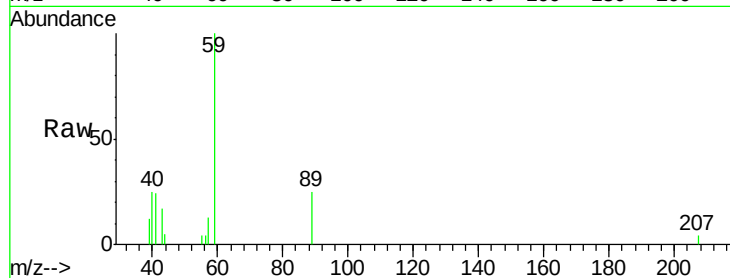
Tert butyl alcohol
Concen: 78.899 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	59	Resp	17723
Ion Ratio	100	Lower	Upper
57	5.3	5.1	7.7

Manual Integrations
APPROVED

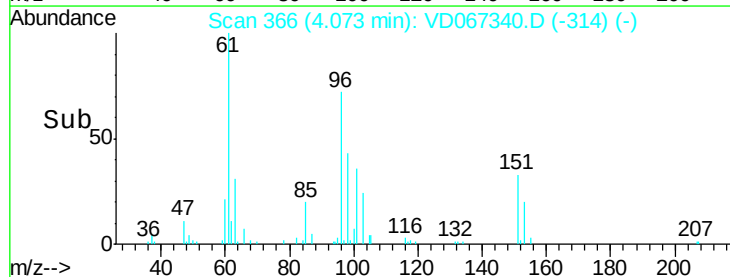
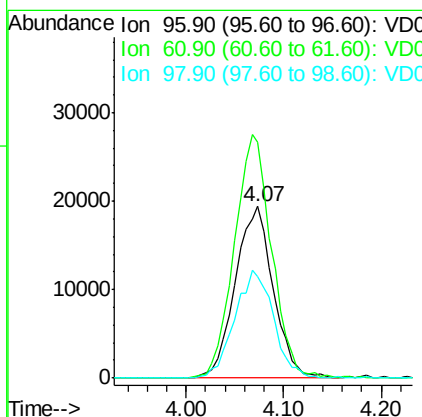
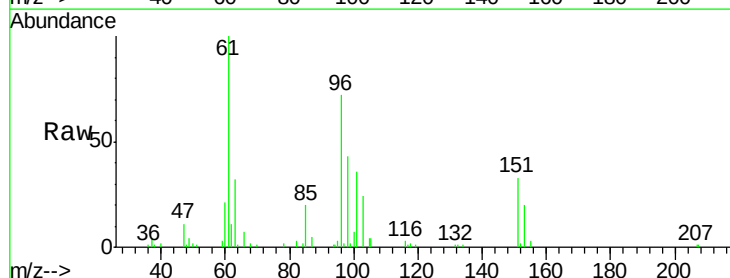
MMDadoda
10/22/2020 5:19:15 PM

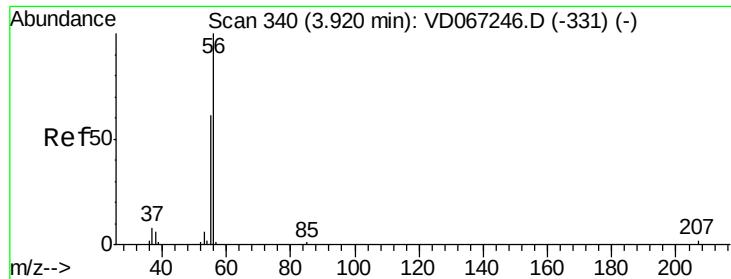


#12

1,1-Dichloroethene
Concen: 20.581 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	96	Resp	52492
Ion Ratio	100	Lower	Upper
61	138.0	118.6	177.8
98	59.6	51.8	77.6





#13

Acrolein

Concen: 77.832 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion: 56 Resp: 11379

Ion Ratio Lower Upper

56 100

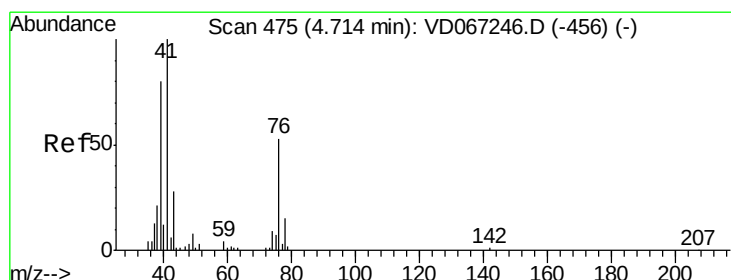
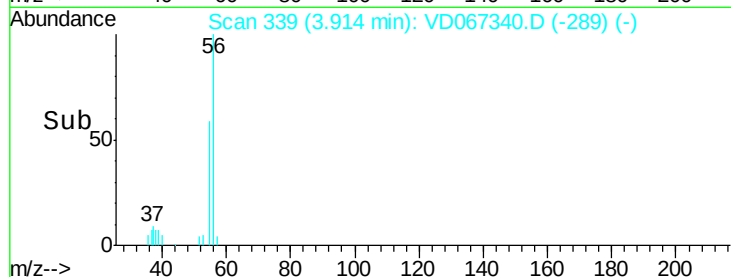
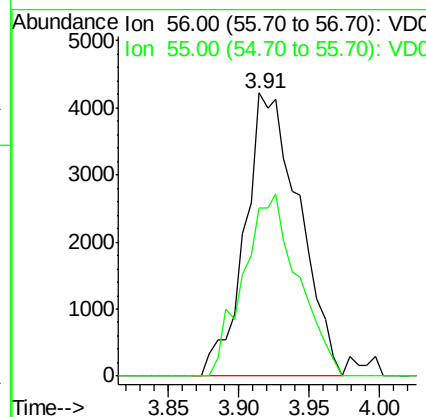
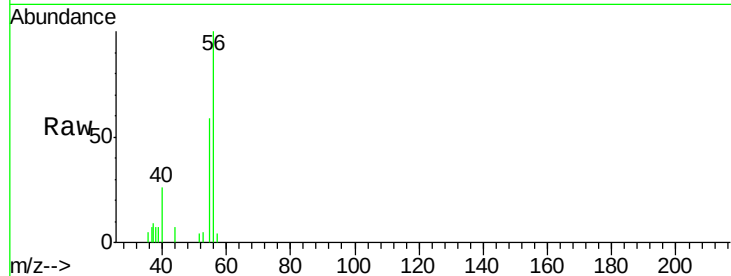
55 64.7 56.0 84.0

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 19.345 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

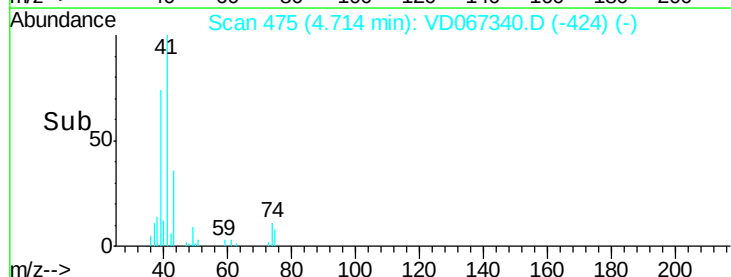
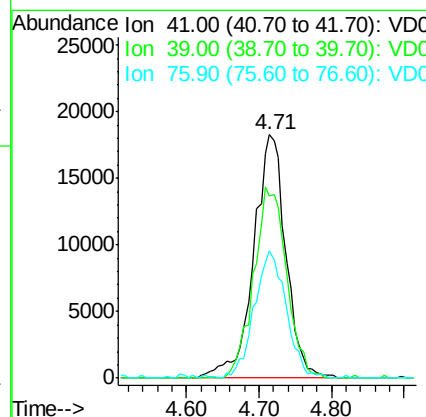
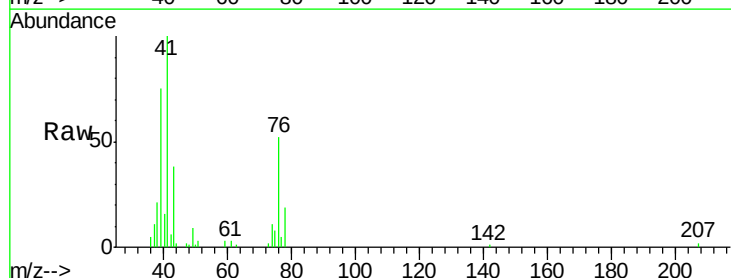
Tgt Ion: 41 Resp: 56501

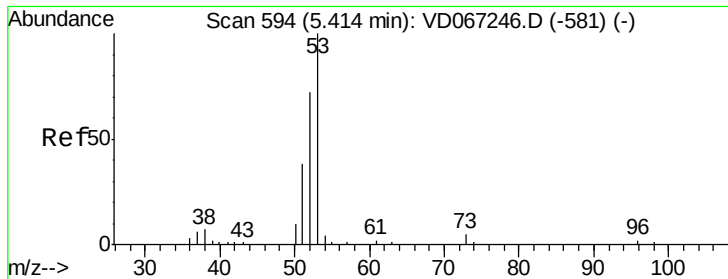
Ion Ratio Lower Upper

41 100

39 80.0 63.8 95.6

76 52.0 40.4 60.6





#15

Acrylonitrile

Concen: 100.596 ug/l

RT: 5.41 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

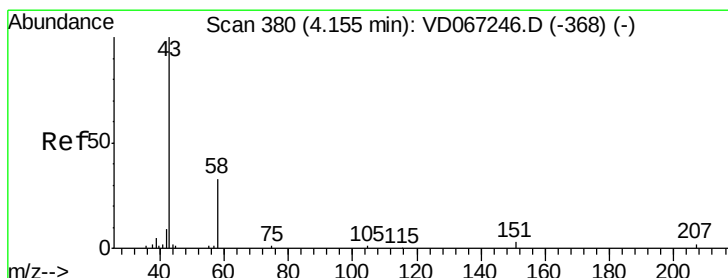
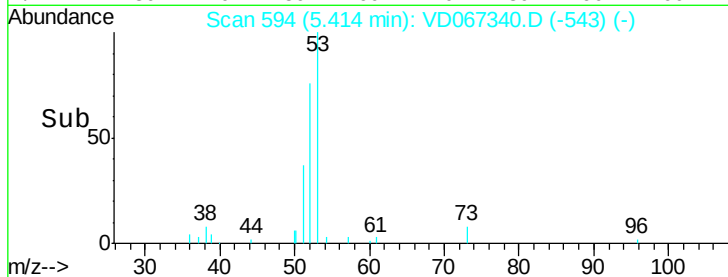
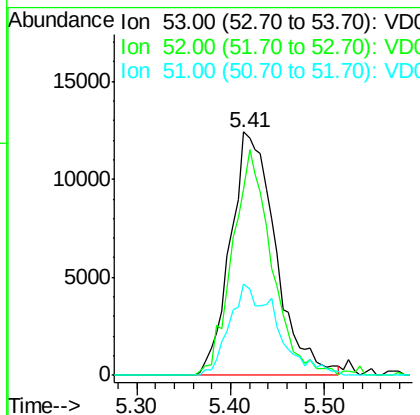
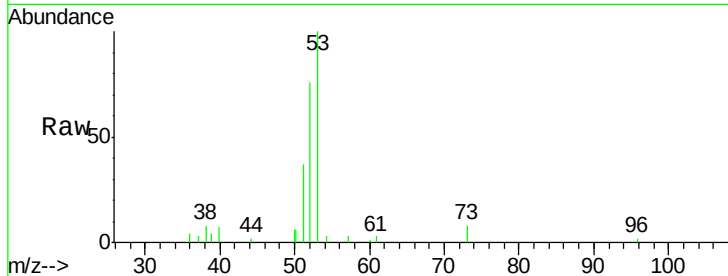
ClientSampleId :

VD1021SBS01

Tot Ion:	53	Resp:	41272
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.6	98.4
51	39.7	30.8	46.2

Manual Integrations
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MMDadoda
10/22/2020 5:19:15 PM



#16

Acetone

Concen: 93.945 ug/l

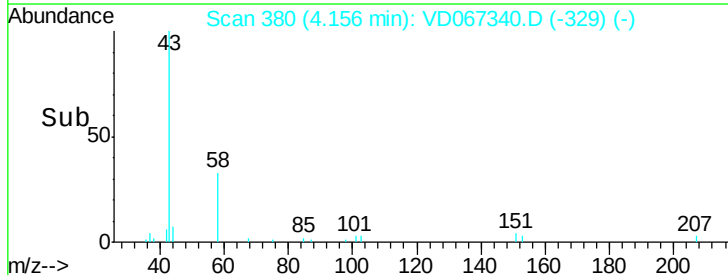
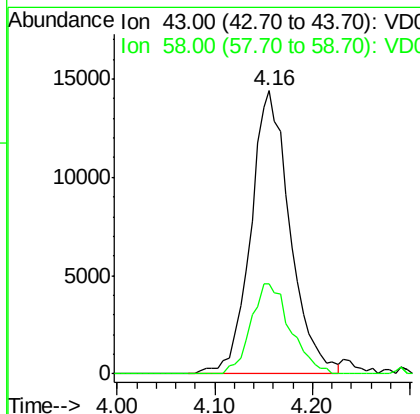
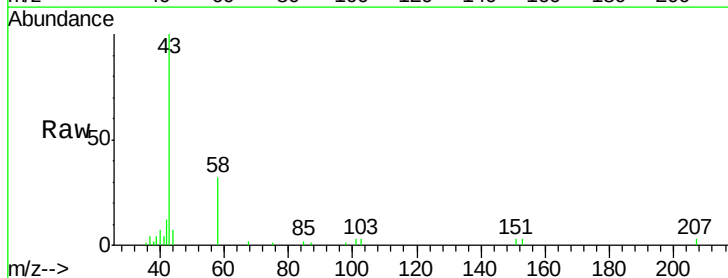
RT: 4.16 min Scan# 380

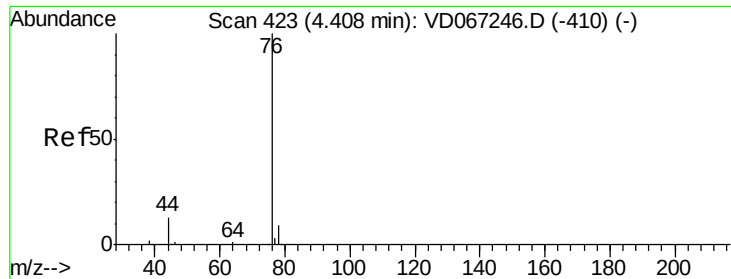
Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion:	43	Resp:	40734
Ion	Ratio	Lower	Upper
43	100		
58	31.9	26.1	39.1





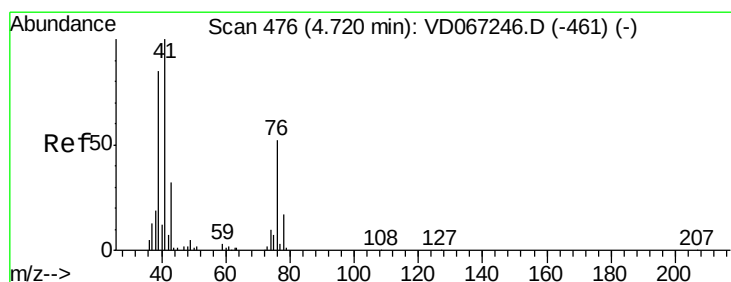
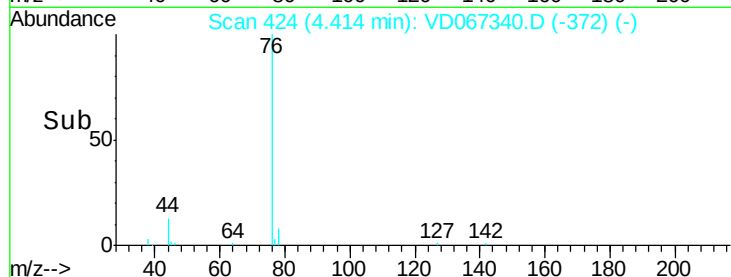
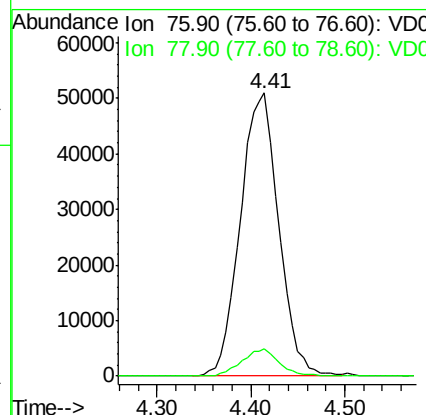
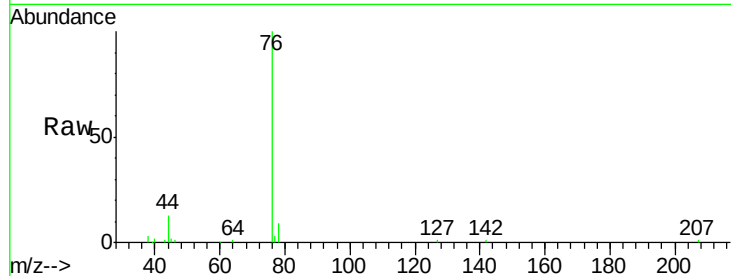
#17
Carbon Disulfide
Concen: 19.818 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion: 76 Resp: 144096
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

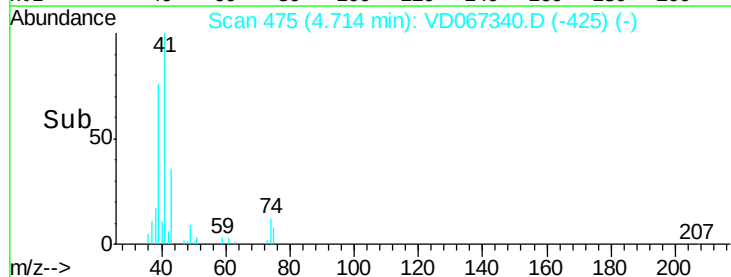
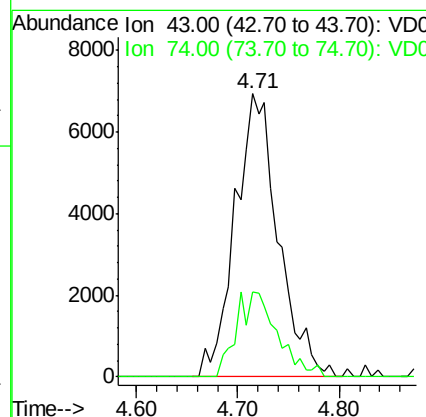
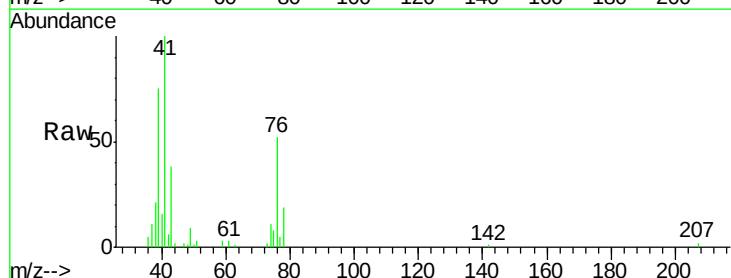
Manual Integrations
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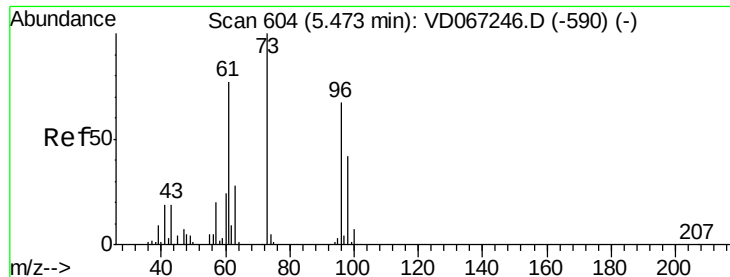
MMDadoda
10/22/2020 5:19:15 PM



#18
Methyl Acetate
Concen: 20.730 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion: 43 Resp: 20501
Ion Ratio Lower Upper
43 100
74 28.5 26.6 39.8





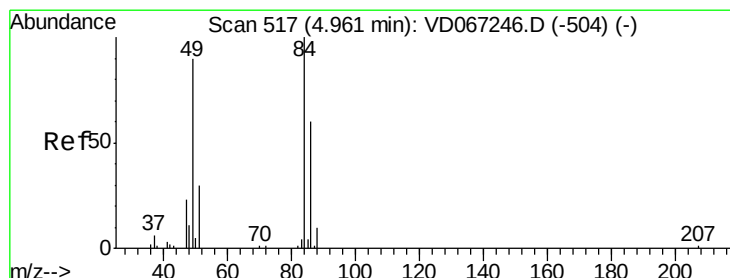
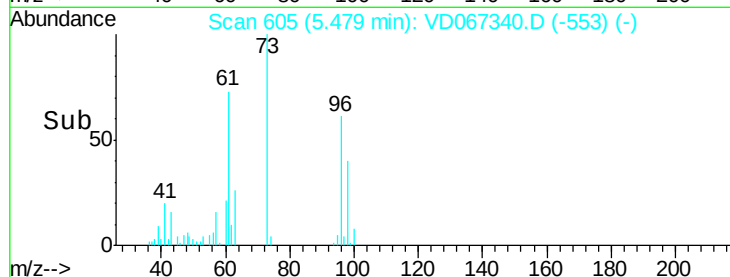
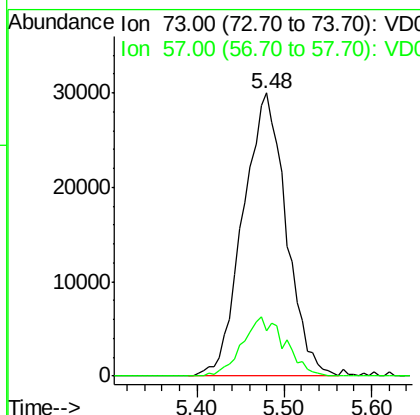
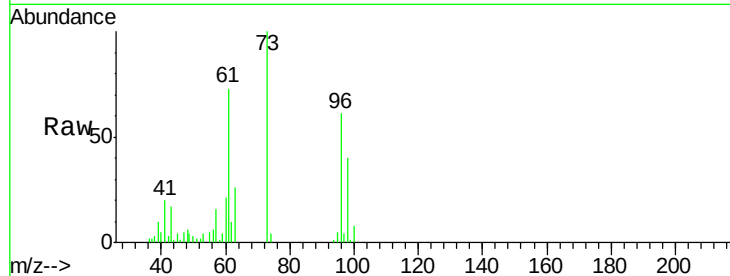
#19
Methyl tert-butyl Ether
Concen: 19.903 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion: 73 Resp: 100935
Ion Ratio Lower Upper
73 100
57 15.8 15.7 23.5

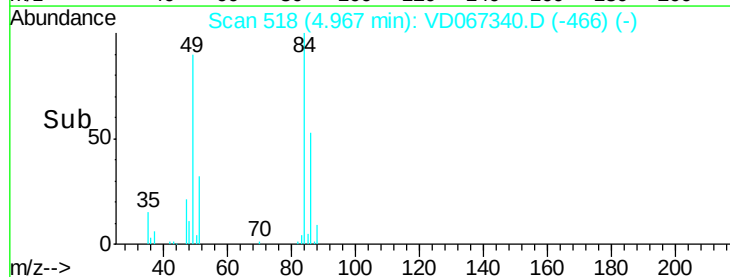
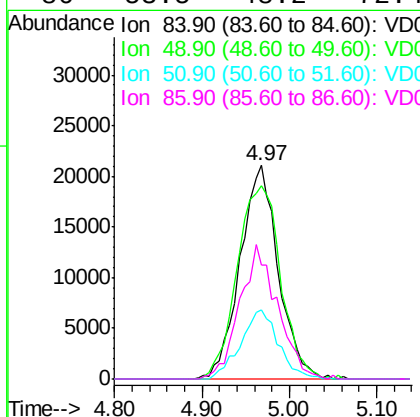
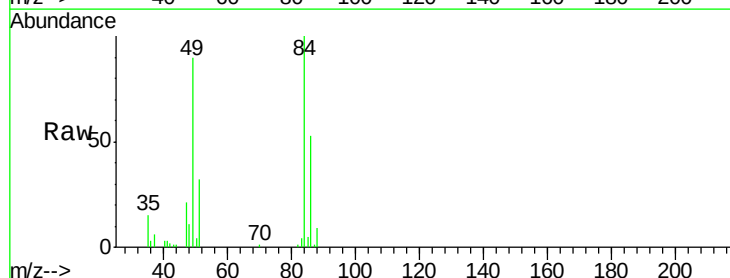
Manual Integrations
APPROVED

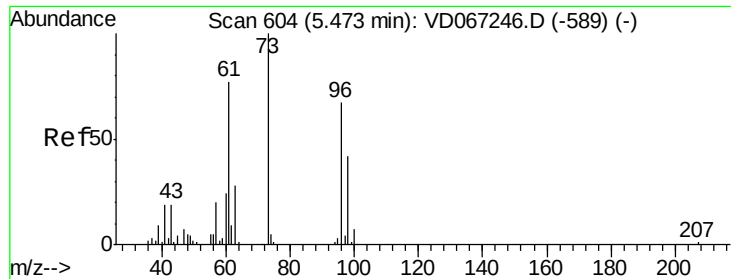
MMDadoda
10/22/2020 5:19:15 PM



#20
Methylene Chloride
Concen: 19.882 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion: 84 Resp: 62728
Ion Ratio Lower Upper
84 100
49 90.2 72.2 108.2
51 32.4 23.8 35.8
86 53.5 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.006 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

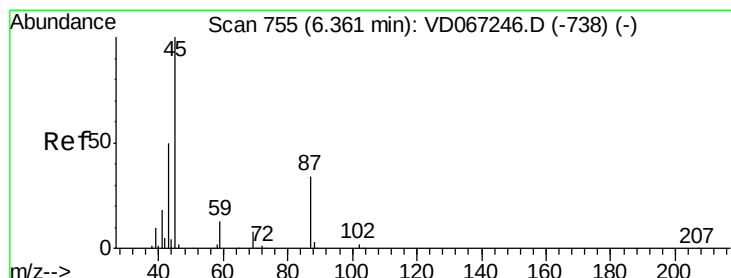
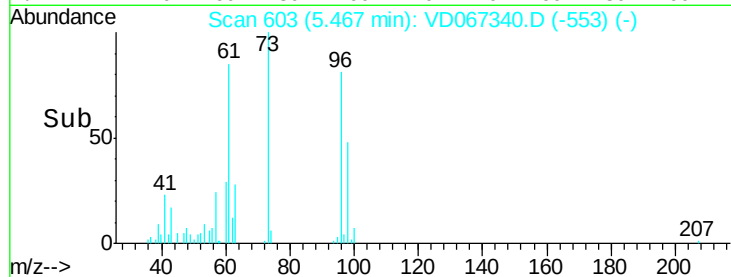
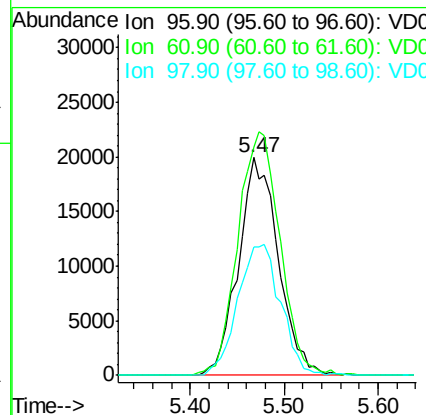
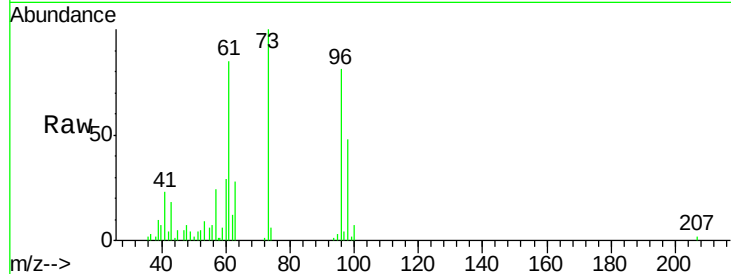
ClientSampleId :

VD1021SBS01

Tot Ion:	96	Resp:	58717
Ion	Ratio	Lower	Upper
96	100		
61	104.9	92.0	138.0
98	58.9	49.8	74.8

Manual Integrations
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MMDadoda
10/22/2020 5:19:15 PM



#22

Diisopropyl ether

Concen: 20.972 ug/l

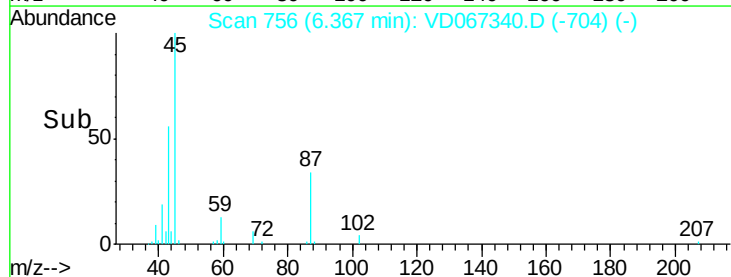
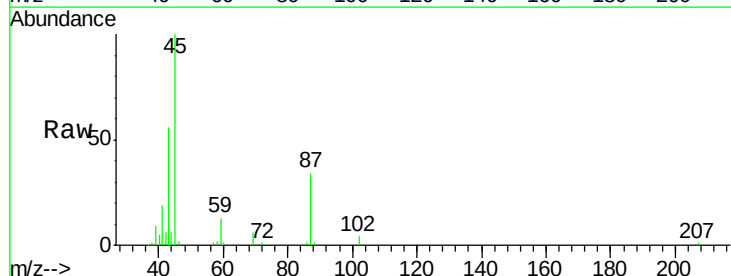
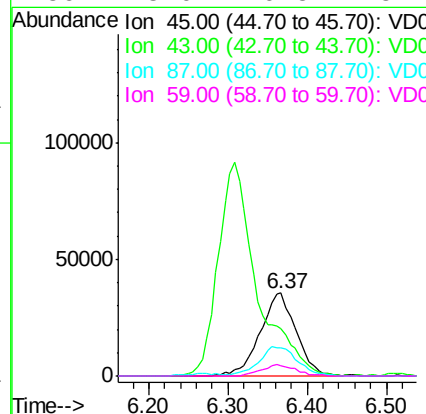
RT: 6.37 min Scan# 756

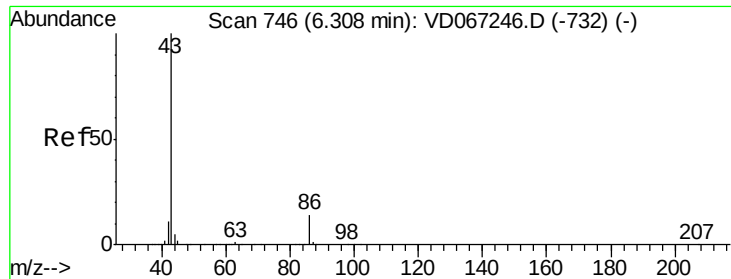
Delta R.T. 0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion:	45	Resp:	111897
Ion	Ratio	Lower	Upper
45	100		
43	55.7	48.0	72.0
87	33.6	28.5	42.7
59	13.0	10.5	15.7





#23

Vinyl Acetate

Concen: 102.294 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion: 43 Resp: 310511

Ion Ratio Lower Upper

43 100

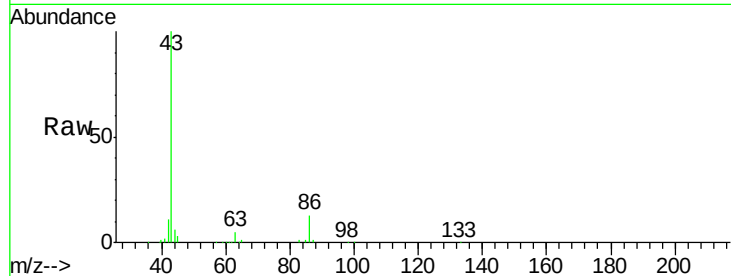
86 13.2 11.0 16.6

Manual Integrations

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MMDadoda

10/22/2020 5:19:15 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

100000

80000

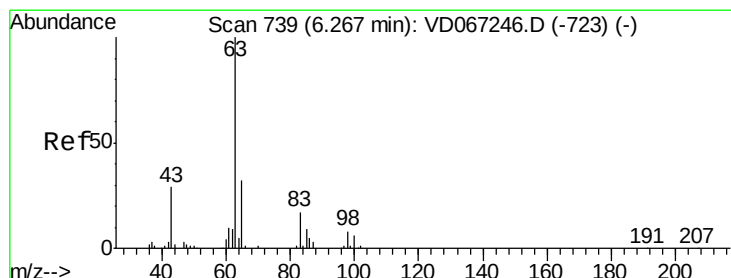
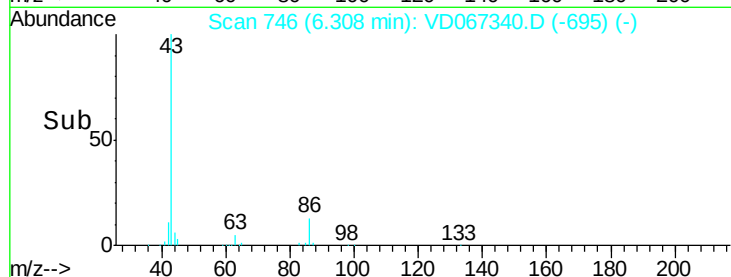
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.334 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

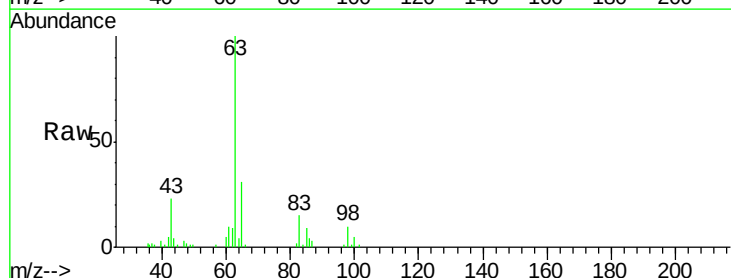
Tgt Ion: 63 Resp: 92872

Ion Ratio Lower Upper

63 100

98 9.6 4.0 12.2

100 4.7 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

40000

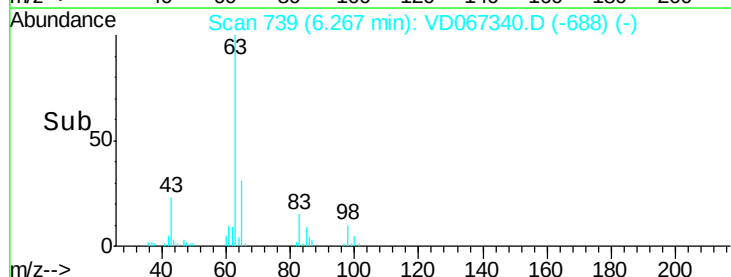
30000

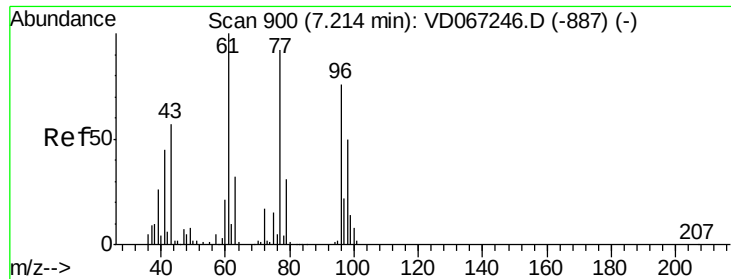
20000

10000

0

Time-->





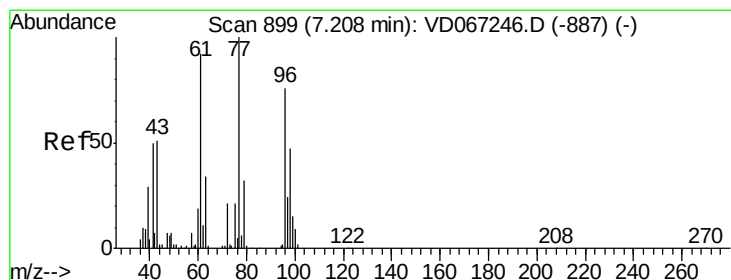
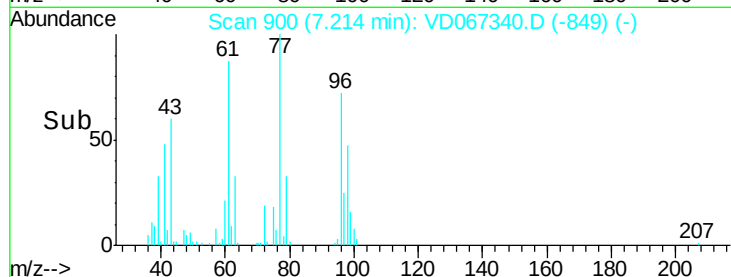
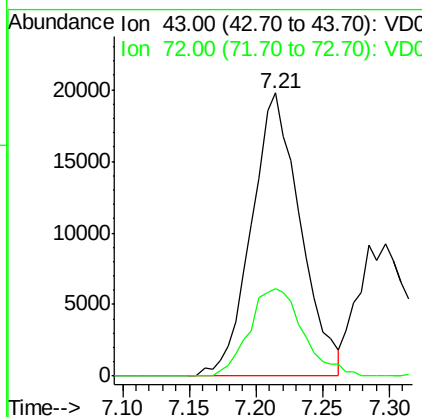
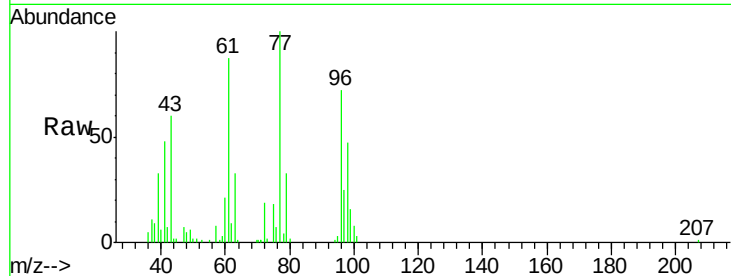
#25
2-Butanone
Concen: 101.760 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion: 43 Resp: 50295
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5

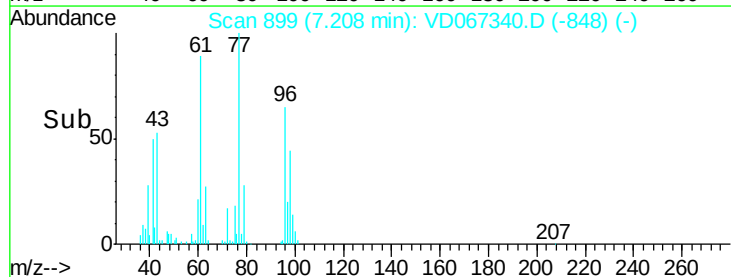
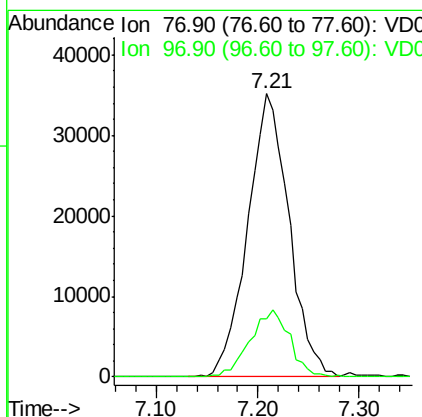
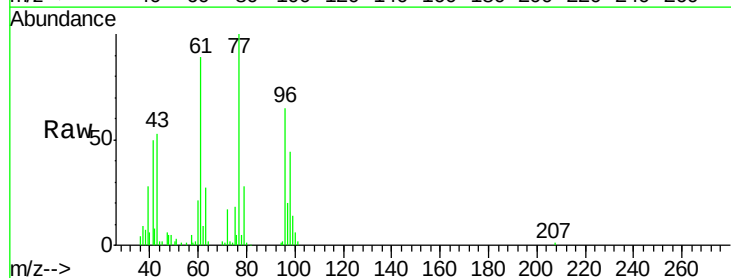
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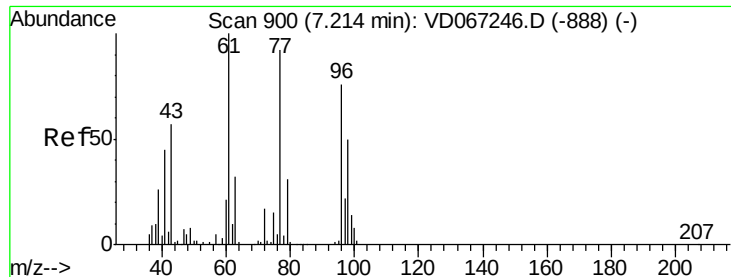
MMDadoda
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#26
2,2-Dichloropropane
Concen: 21.088 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion: 77 Resp: 99273
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

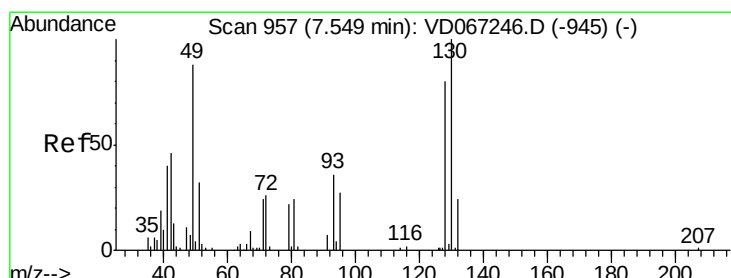
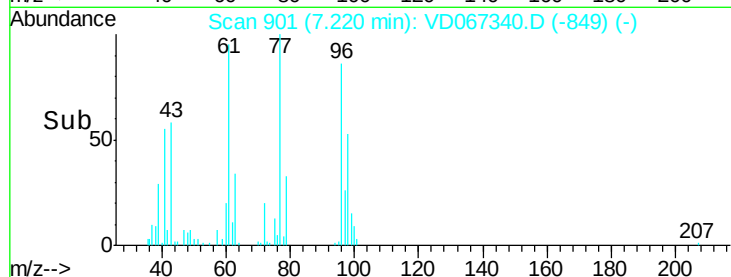
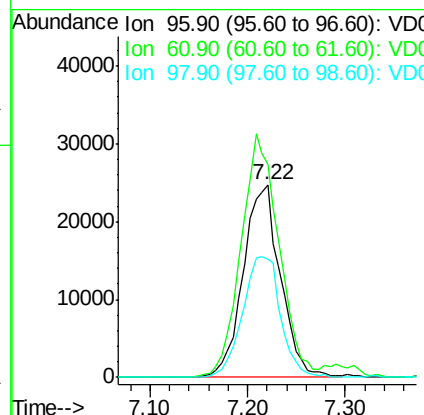
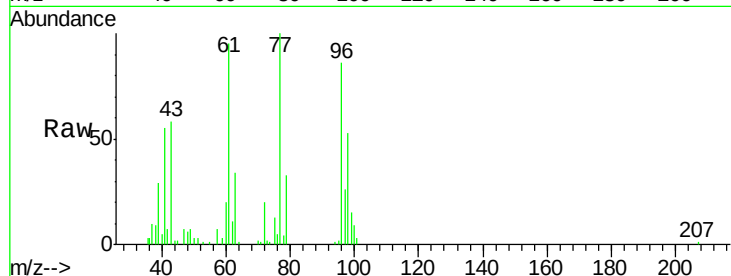
cis-1,2-Dichloroethene
Concen: 20.529 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	255.4
98	63.9	0.0	128.0

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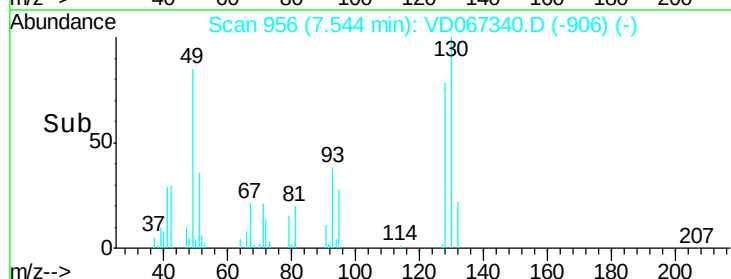
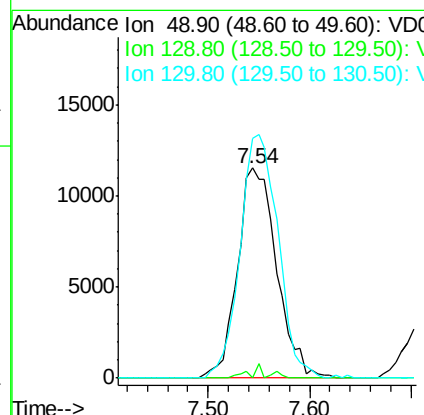
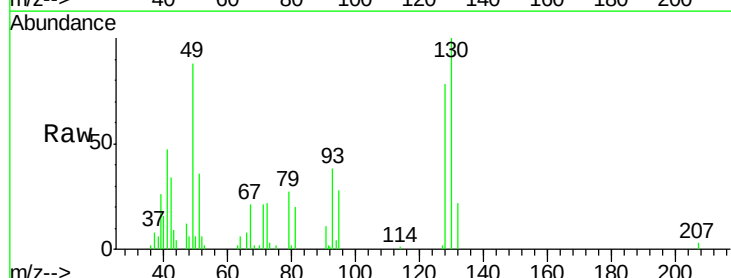
MMDadoda
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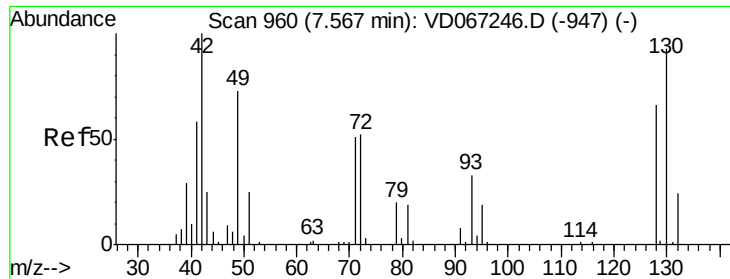


#28

Bromochloromethane
Concen: 19.875 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	1.6
130	112.1	91.0	136.6





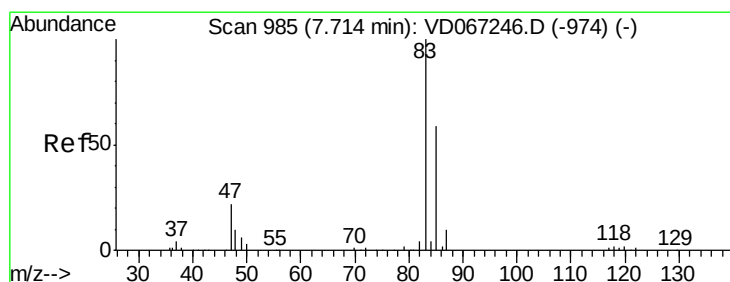
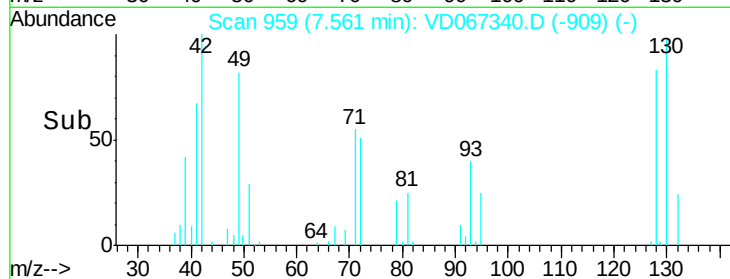
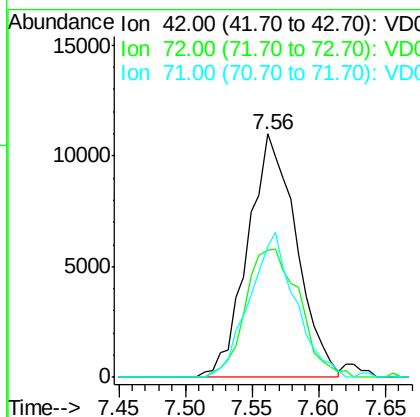
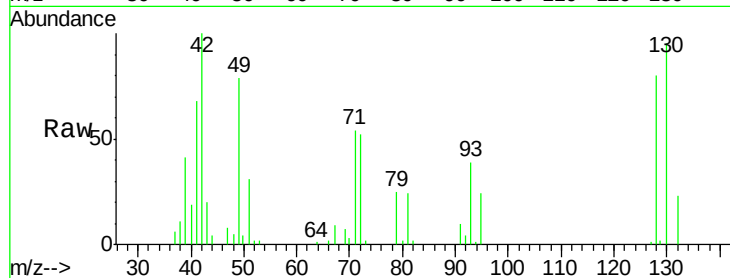
#29
Tetrahydrofuran
Concen: 100.985 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.5	43.2	64.8
71	56.1	39.4	59.0

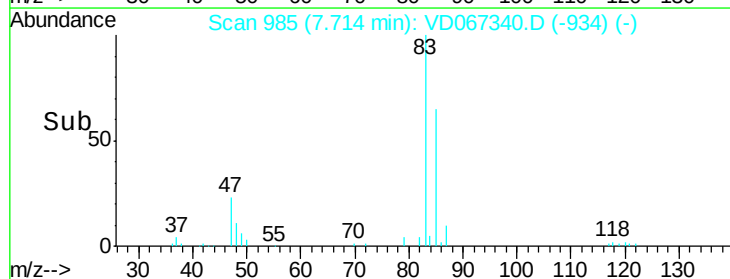
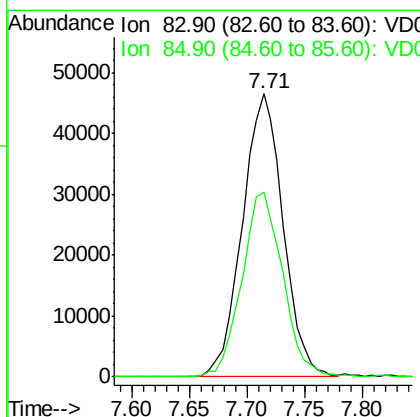
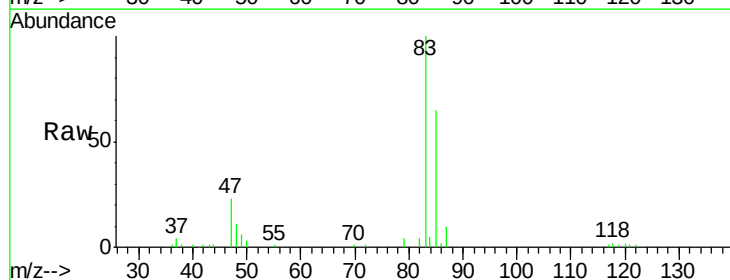
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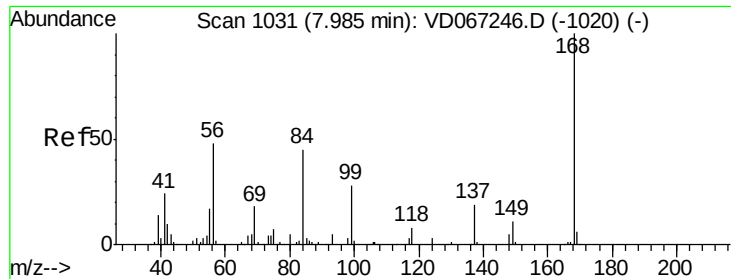
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#30
Chloroform
Concen: 20.978 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	47.3	70.9





#31

Cyclohexane

Concen: 19.582 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

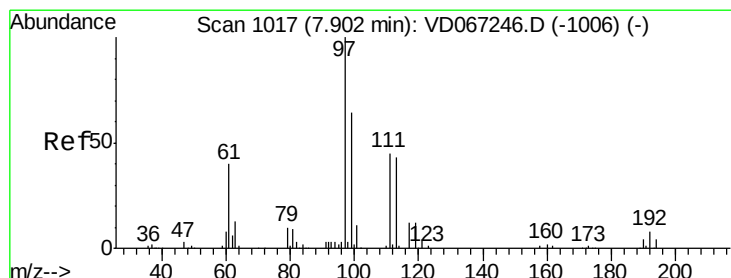
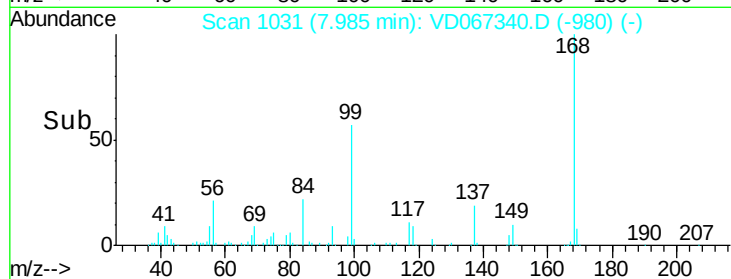
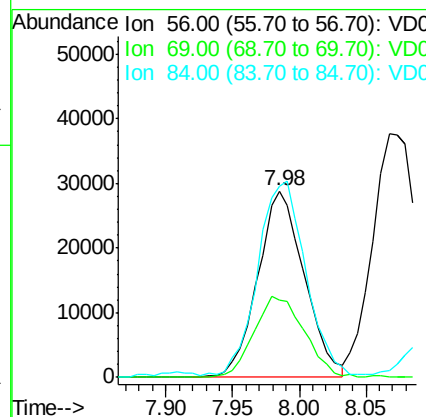
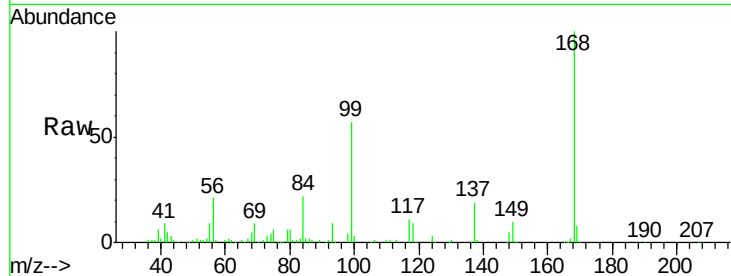
ClientSampleId :

VD1021SBS01

Tot Ion	56	Resp	69829
Ion	Ratio	Lower	Upper
56	100		
69	41.3	29.8	44.6
84	100.3	76.6	114.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.531 ug/l

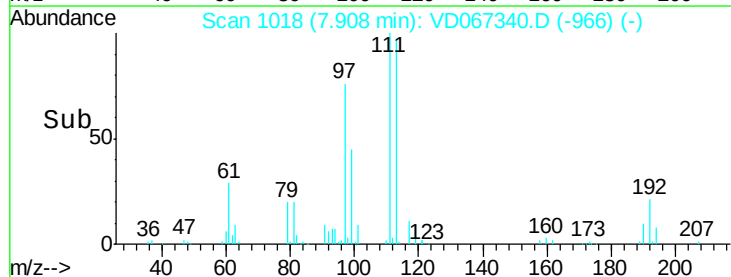
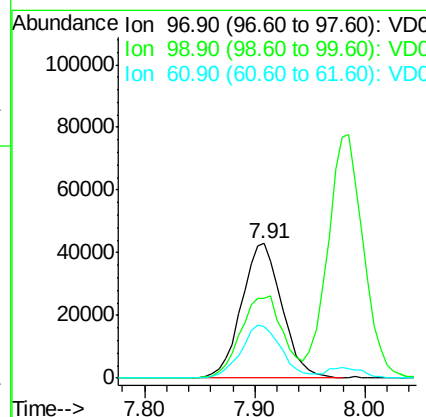
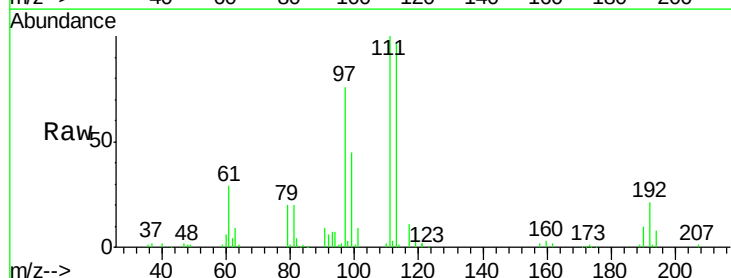
RT: 7.91 min Scan# 1018

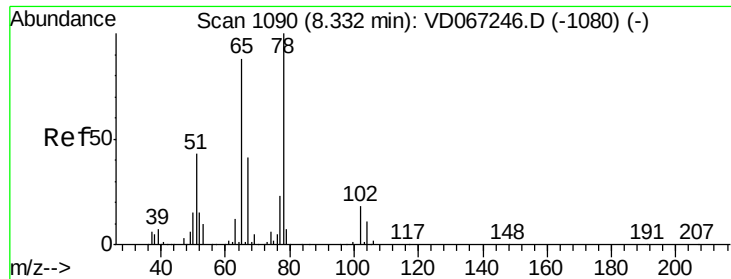
Delta R.T. 0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion	97	Resp	109906
Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.2	75.4
61	38.9	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 51.808 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion: 65 Resp: 160395

Ion Ratio Lower Upper

65 100

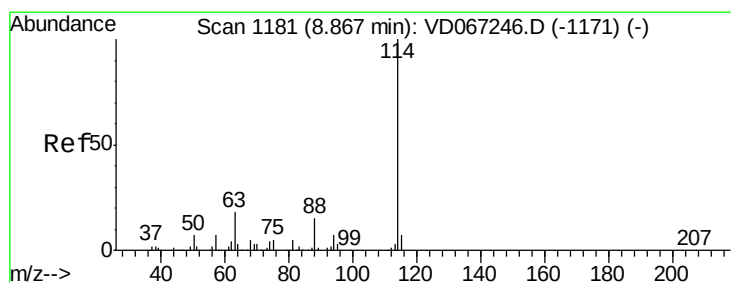
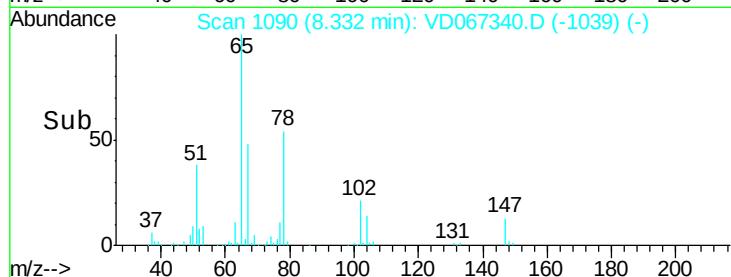
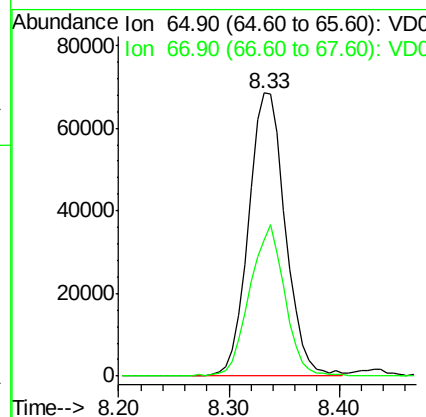
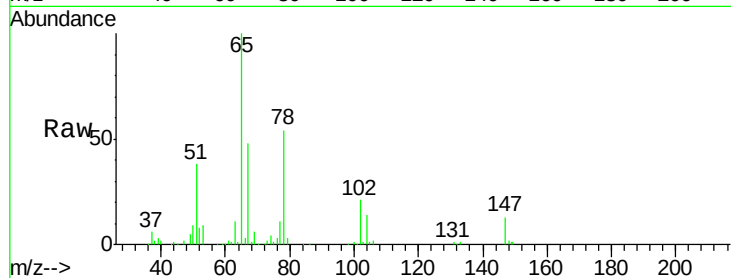
67 51.1 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

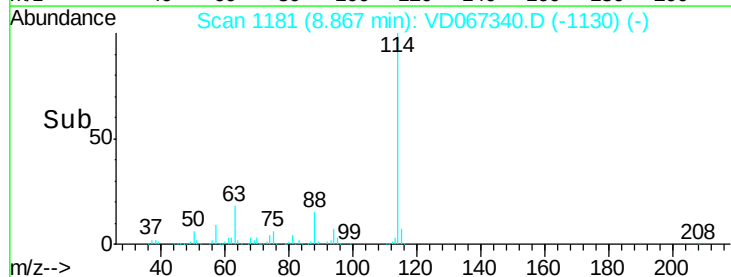
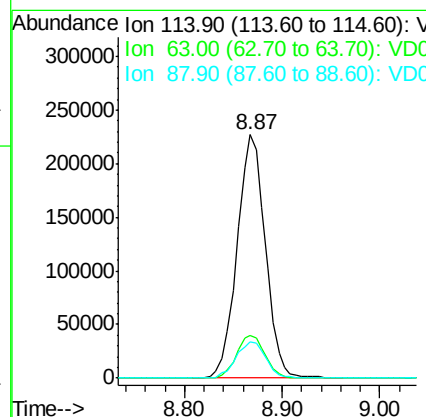
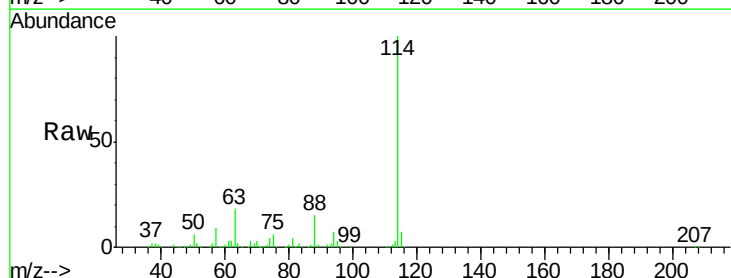
Tgt Ion: 114 Resp: 456447

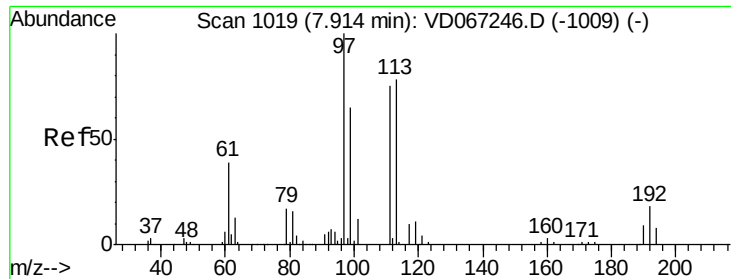
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.8 0.0 30.6





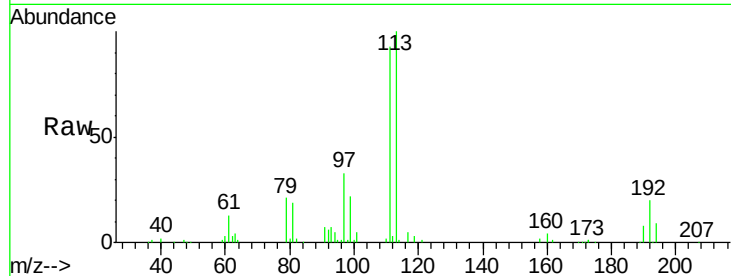
#35
 Dibromofluoromethane
 Concen: 54.028 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

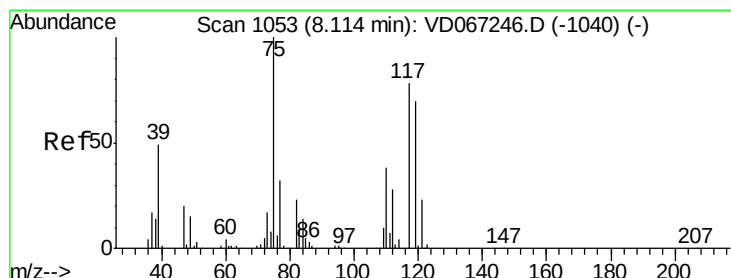
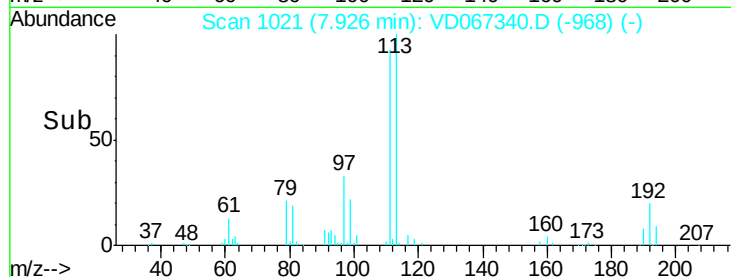
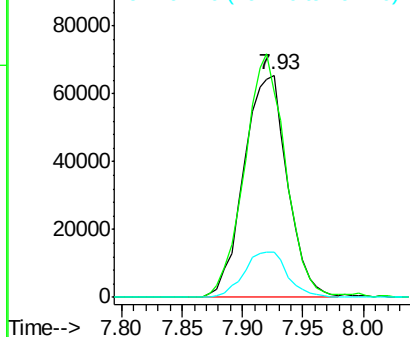
Tot Ion	Ratio	Resp	Lower	Upper
113	100	164118		
111	103.2	81.6	122.4	
192	20.4	17.0	25.4	

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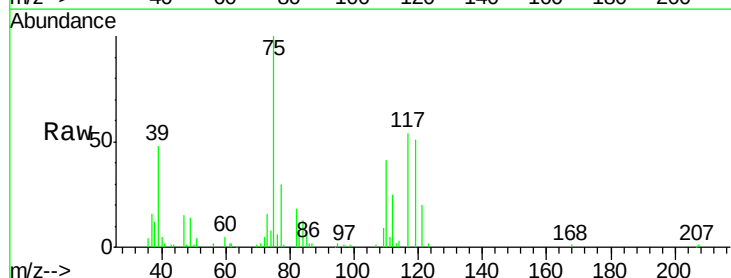


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

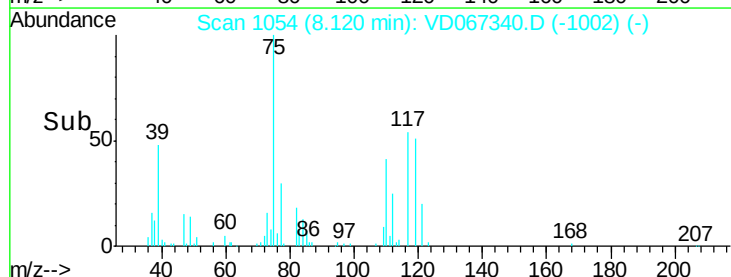
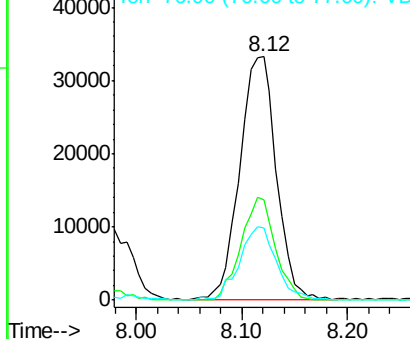


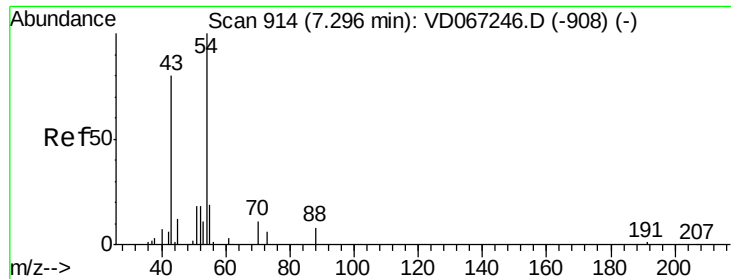
#36
 1,1-Dichloropropene
 Concen: 20.775 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80374		
110	39.3	19.6	58.7	
77	30.6	24.6	37.0	



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





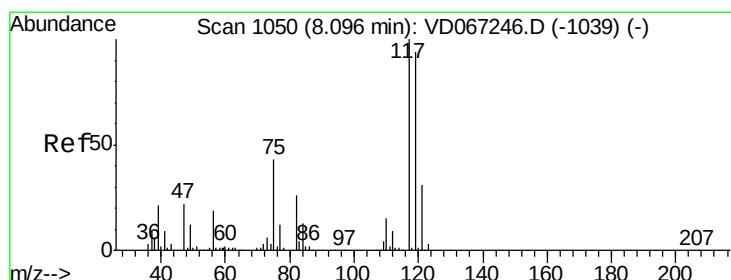
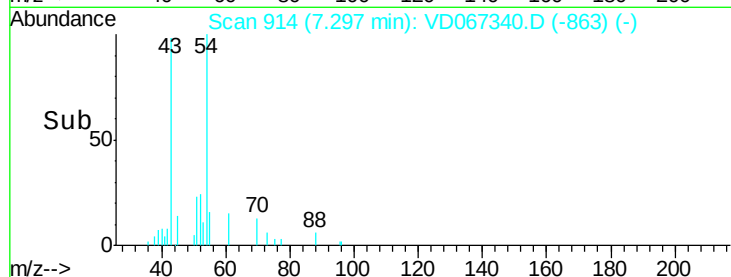
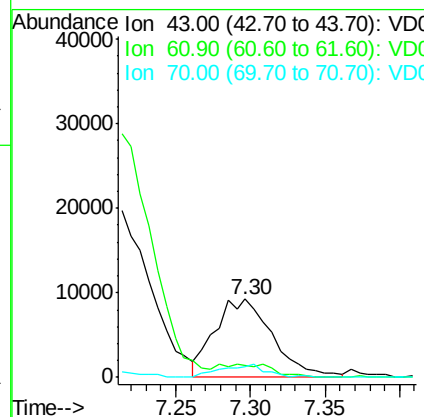
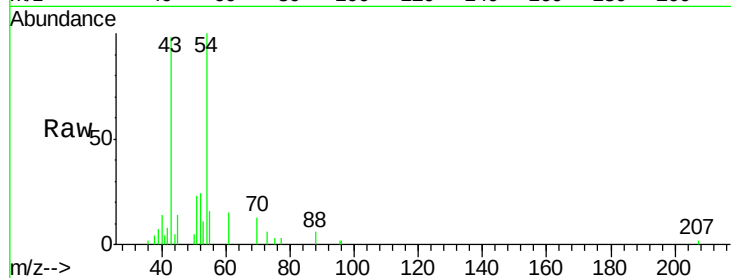
#37
Ethyl Acetate
Concen: 21.947 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	15.6	23.4#
70	12.9	10.4	15.6

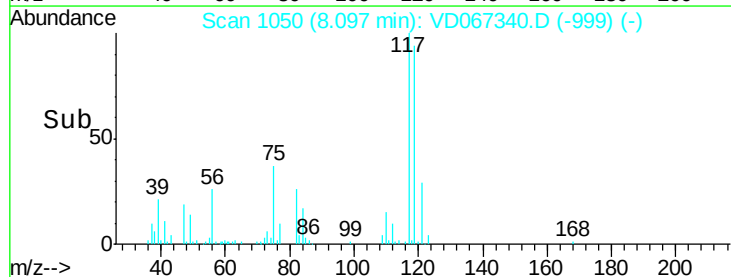
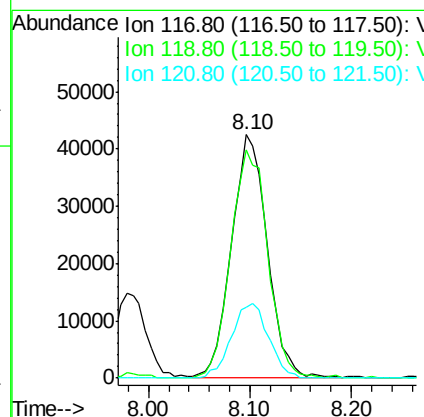
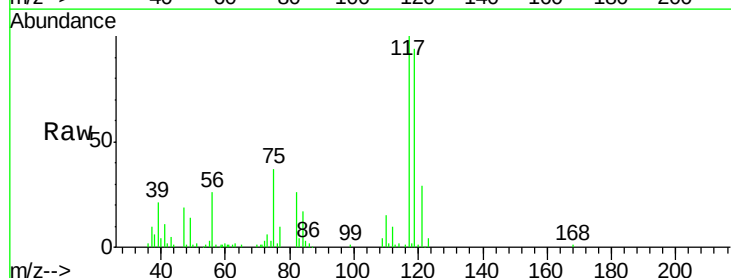
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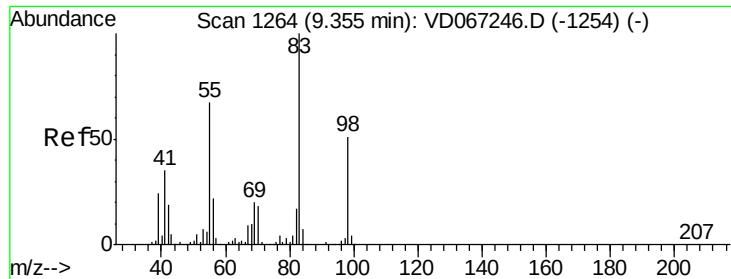
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#38
Carbon Tetrachloride
Concen: 21.068 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.4
121	28.9	24.9	37.3





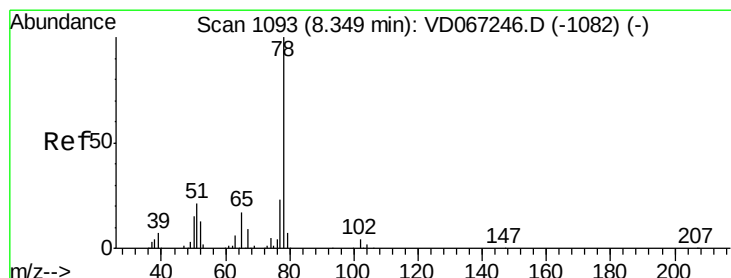
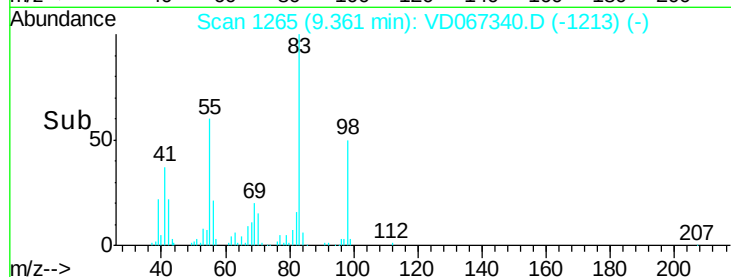
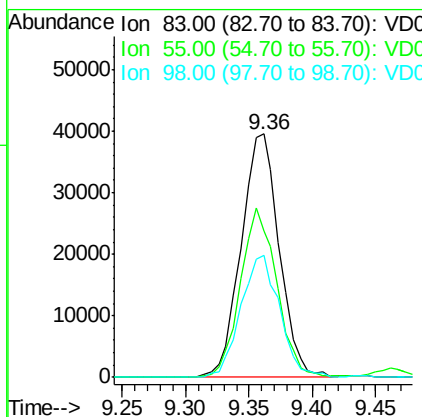
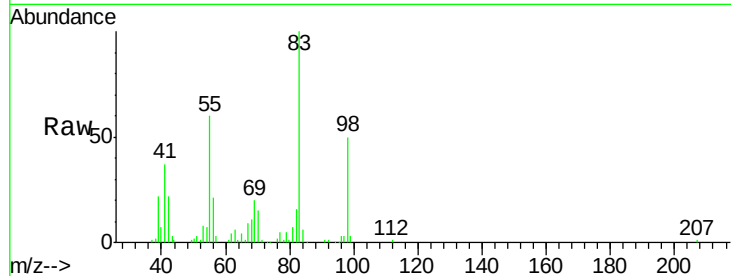
#39
Methylvlcyclohexane
Concen: 20.408 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	60.3	53.3	79.9
98	50.3	41.0	61.4

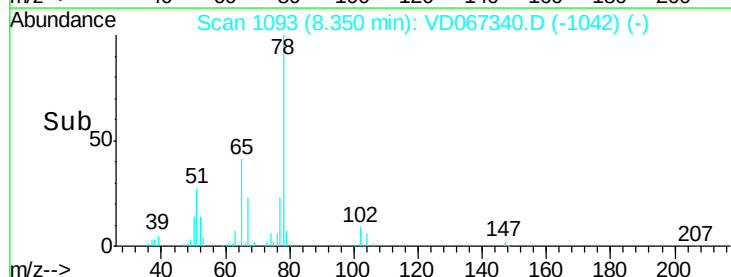
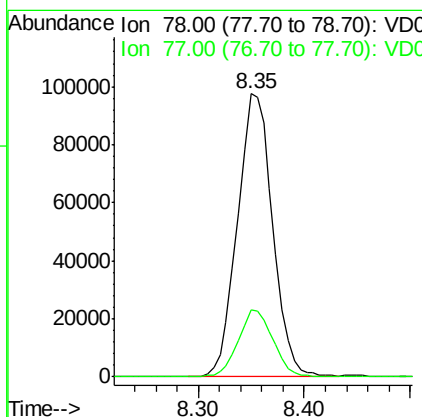
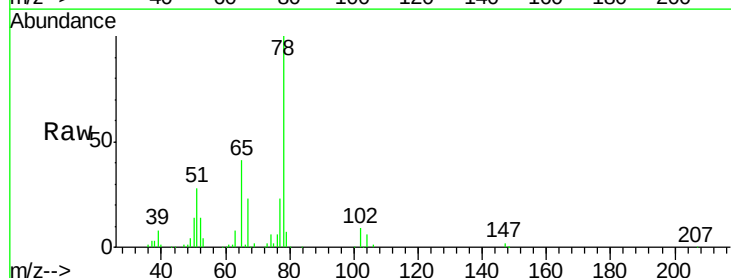
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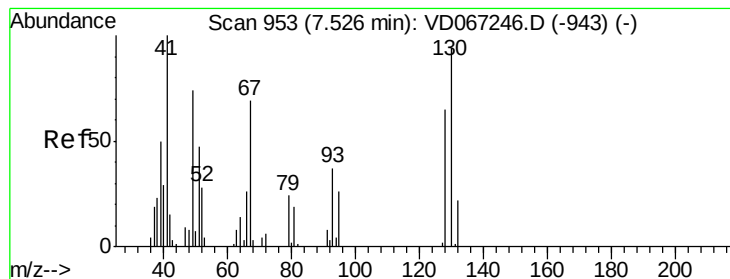
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#40
Benzene
Concen: 21.274 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





#41

Methacrylonitrile

Concen: 17.451 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion: 41 Resp: 10734

Ion Ratio Lower Upper

41 100

39 57.5 60.0 90.0#

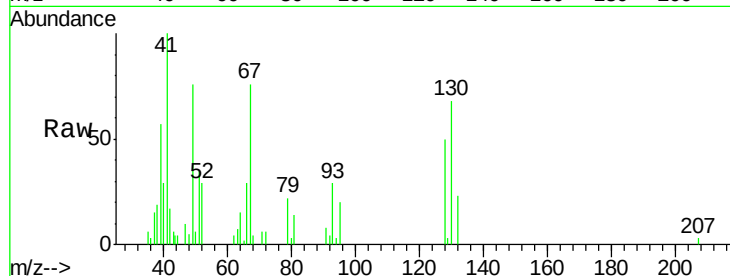
67 125.0 88.9 133.3

52 48.9 36.9 55.3

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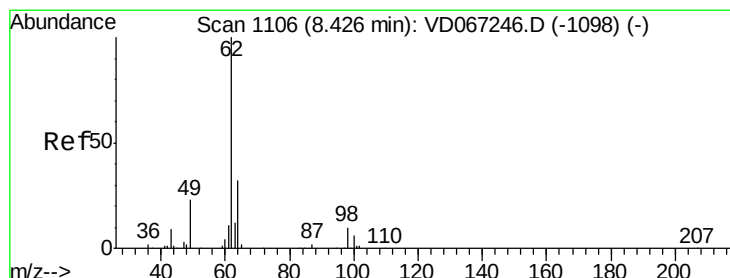
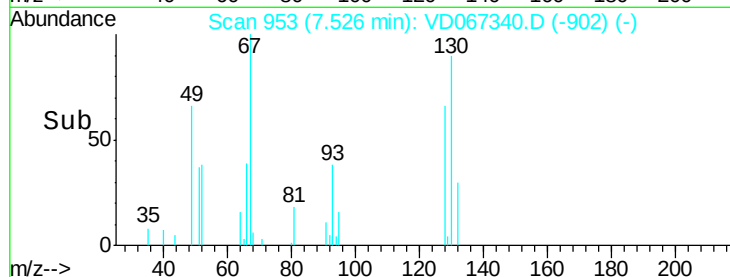
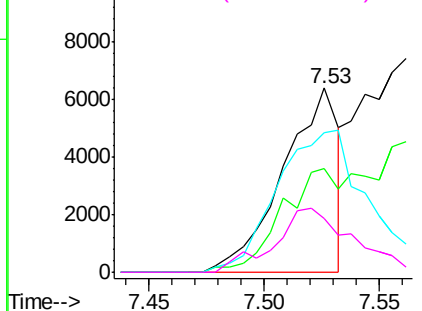


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.089 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067340.D

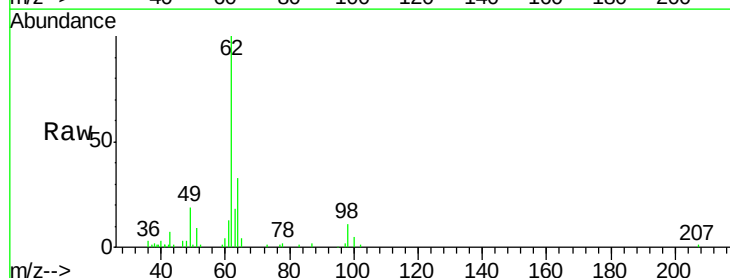
Acq: 21 Oct 2020 11:47

Tgt Ion: 62 Resp: 70045

Ion Ratio Lower Upper

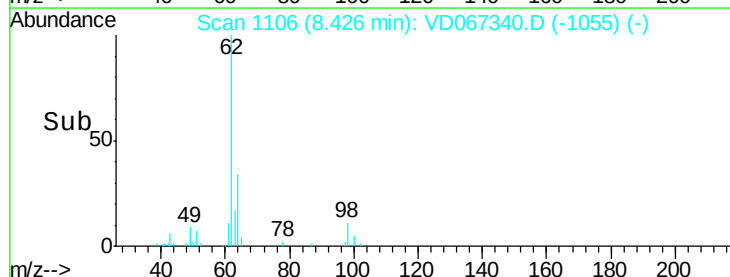
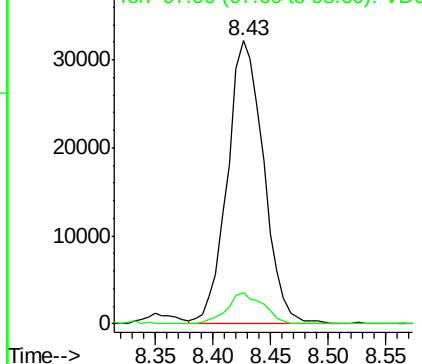
62 100

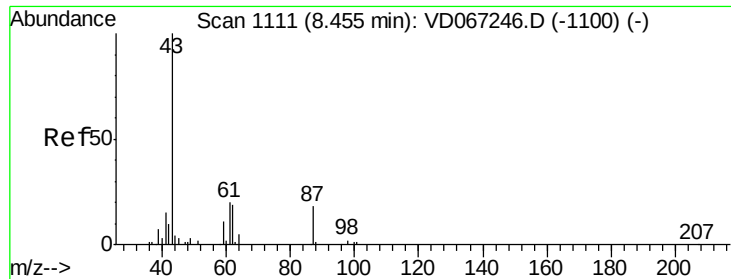
98 10.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





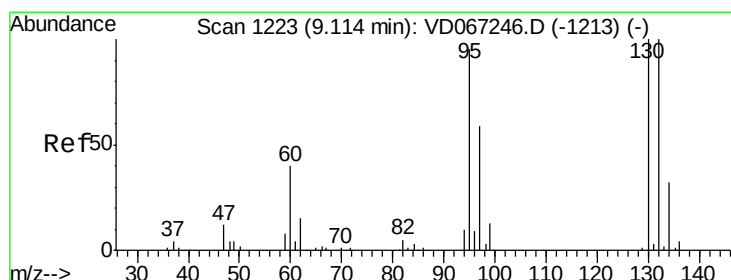
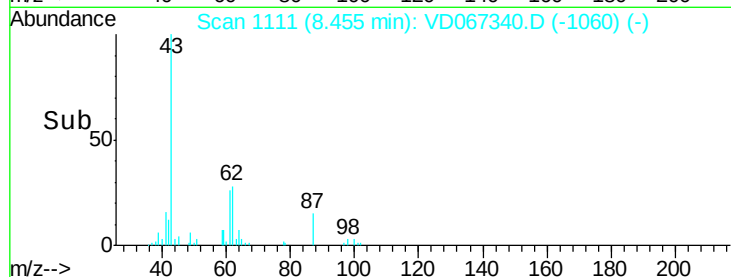
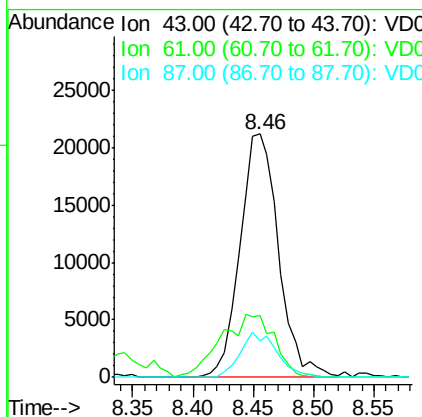
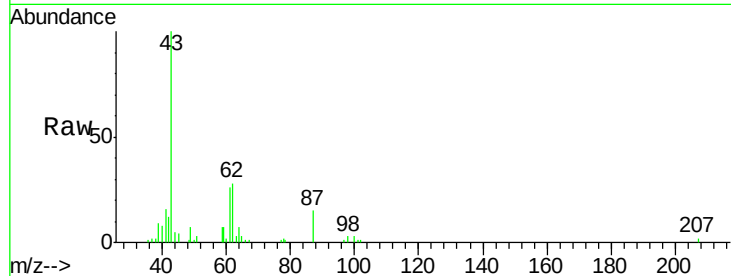
#43
Isopropyl Acetate
Concen: 20.888 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tot Ion	43	Resp	47177
Ion Ratio	100	Lower	Upper
43	100		
61	35.7	29.5	44.3
87	17.6	14.2	21.4

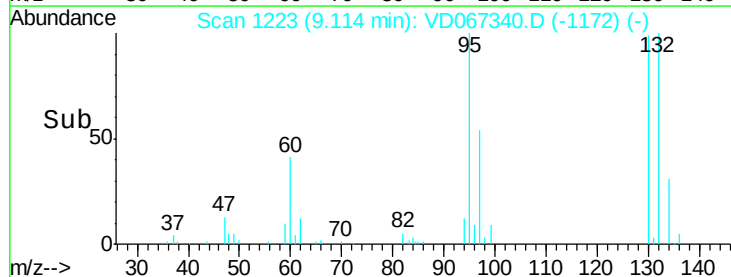
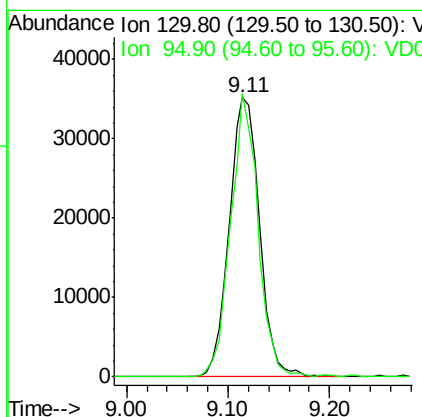
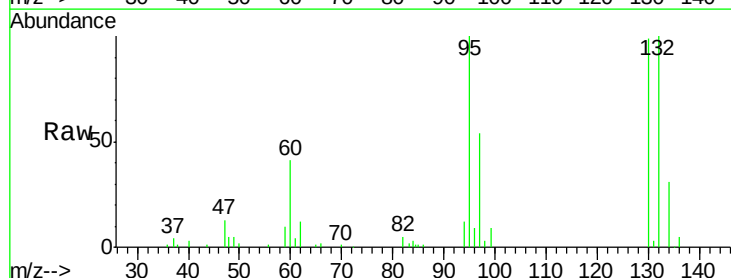
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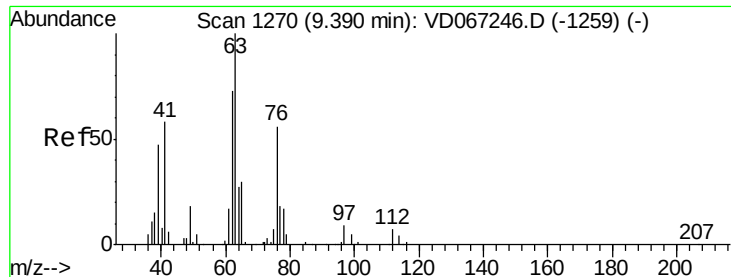
MMDadoda
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#44
Trichloroethene
Concen: 21.458 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	130	Resp	72918
Ion Ratio	100	Lower	Upper
130	100		
95	101.4	0.0	190.6





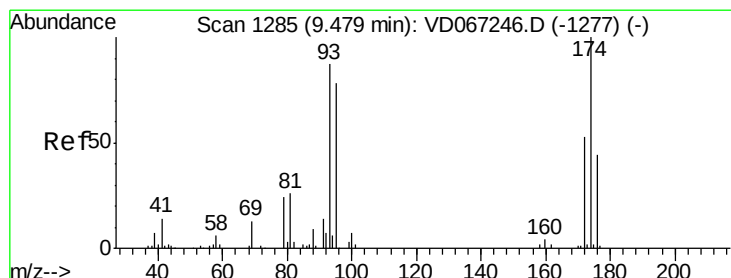
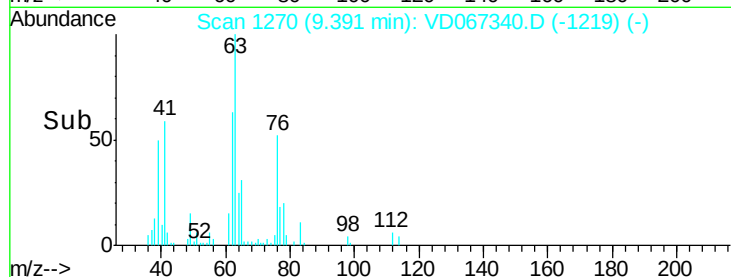
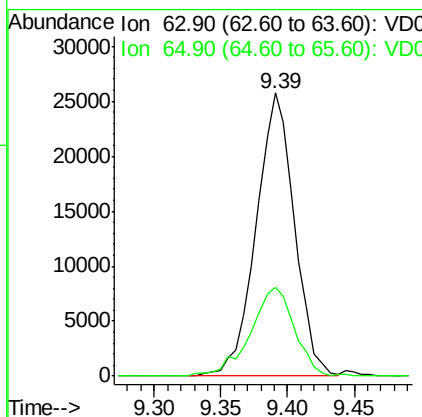
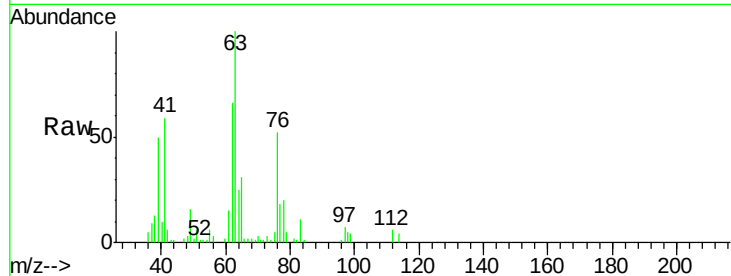
#45
 1,2-Dichloropropane
 Concen: 20.781 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion	63	Resp	51115
Ion Ratio	Lower	Upper	
63	100		
65	31.2	24.6	36.8

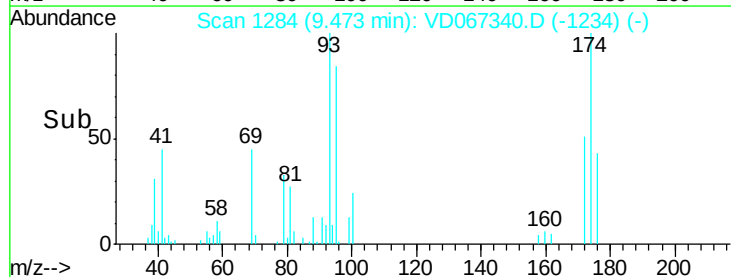
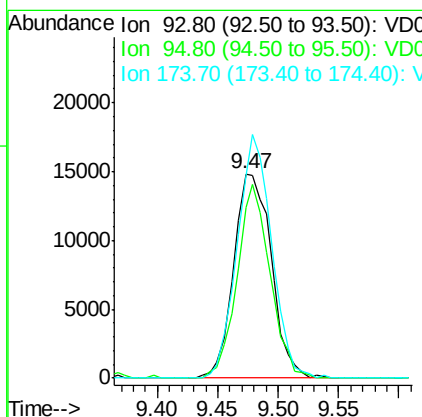
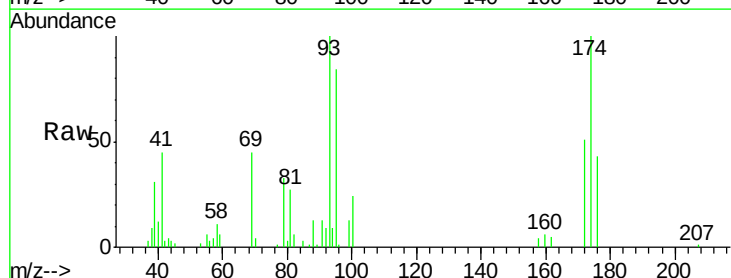
Manual Integrations
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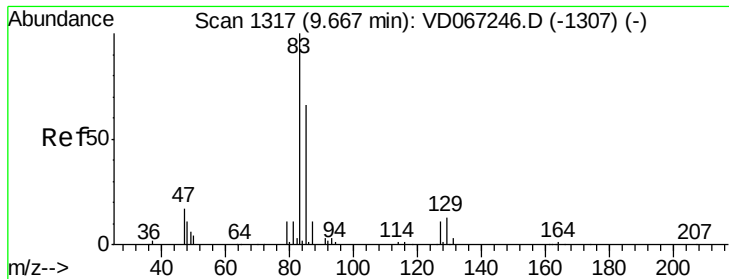
MMDadoda
 10/22/2020 5:19:15 PM



#46
 Dibromomethane
 Concen: 21.014 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	93	Resp	32205
Ion Ratio	Lower	Upper	
93	100		
95	83.3	68.0	102.0
174	109.5	91.8	137.6





#47

Bromodichloromethane

Concen: 20.597 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

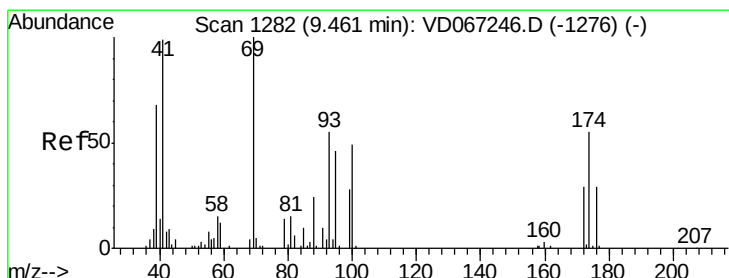
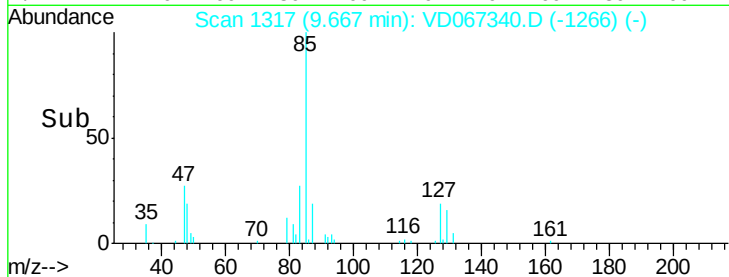
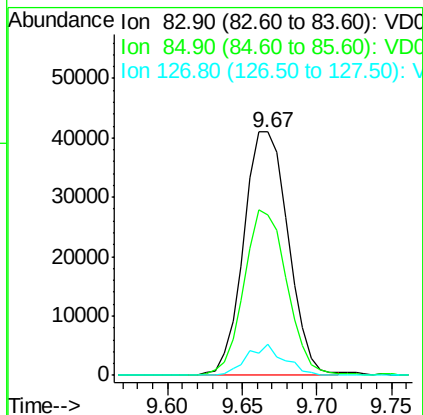
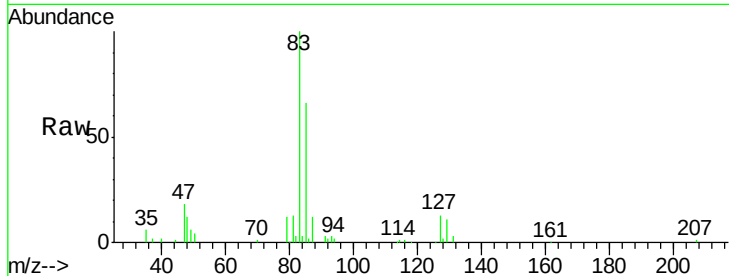
ClientSampleId :

VD1021SBSD01

Tot Ion:	83	Resp:	84571
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.1	79.7
127	12.6	8.6	13.0

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#48

Methyl methacrylate

Concen: 19.806 ug/l

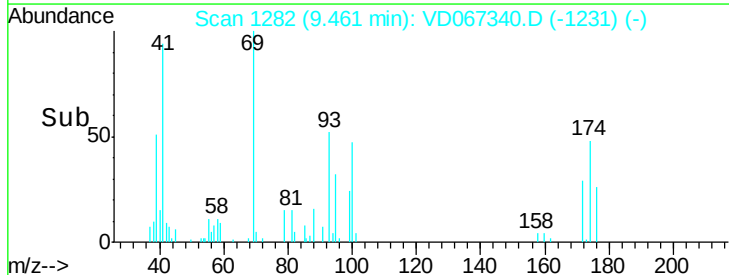
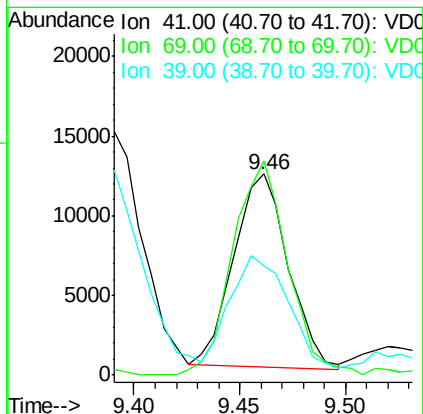
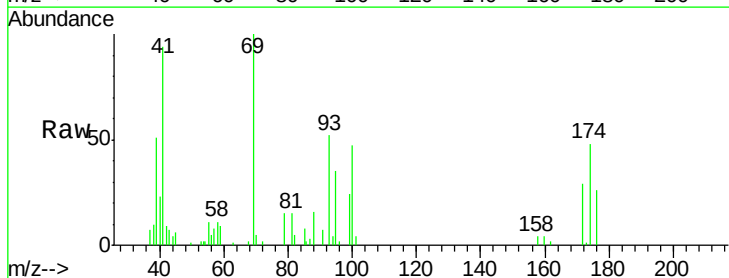
RT: 9.46 min Scan# 1282

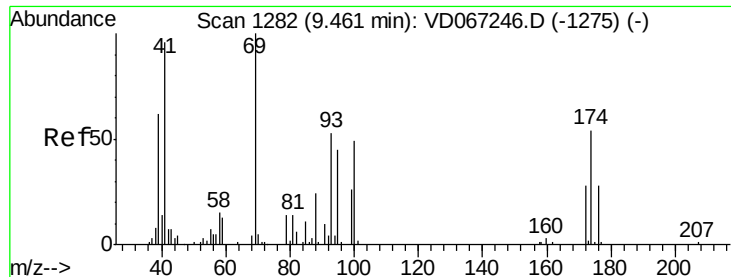
Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion:	41	Resp:	21739
Ion	Ratio	Lower	Upper
41	100		
69	111.9	89.0	133.6
39	69.4	60.2	90.2





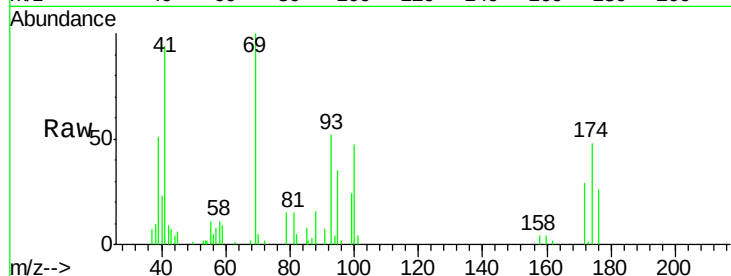
#49
1,4-Dioxane
Concen: 365.539 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

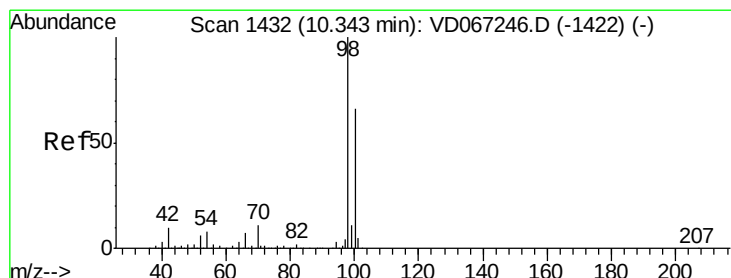
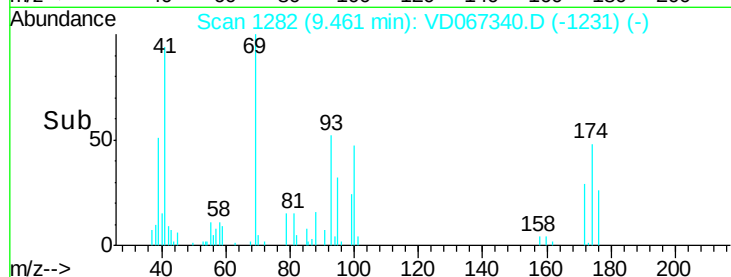
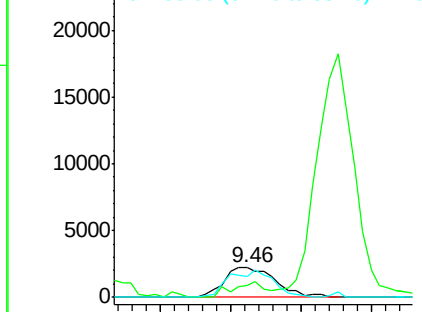
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	23.9	35.9
58	80.3	51.0	76.6

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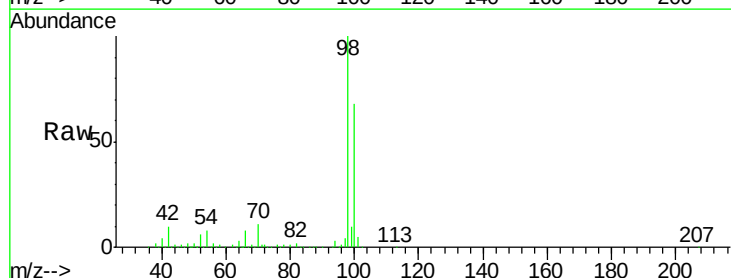


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

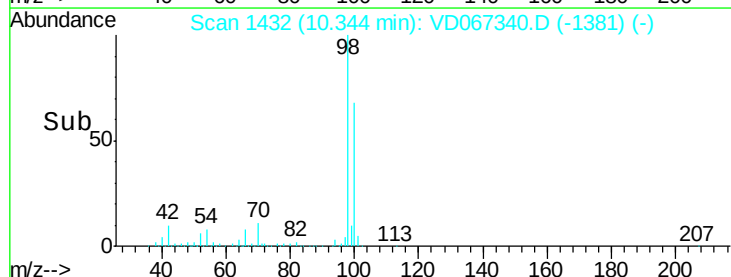
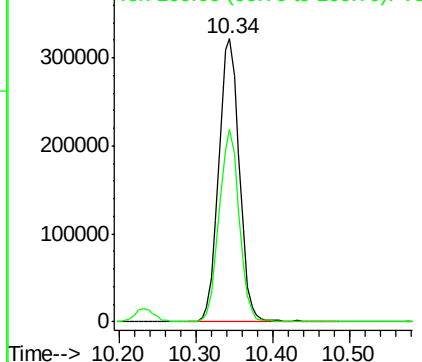


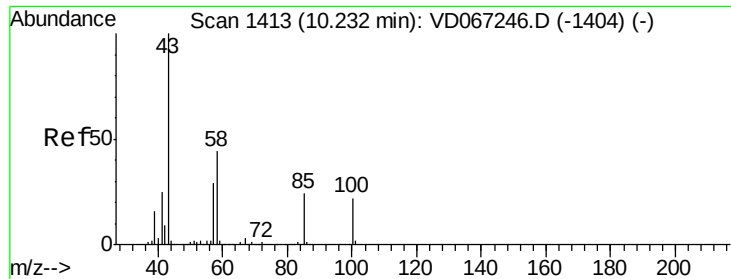
#50
Toluene-d8
Concen: 54.226 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



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





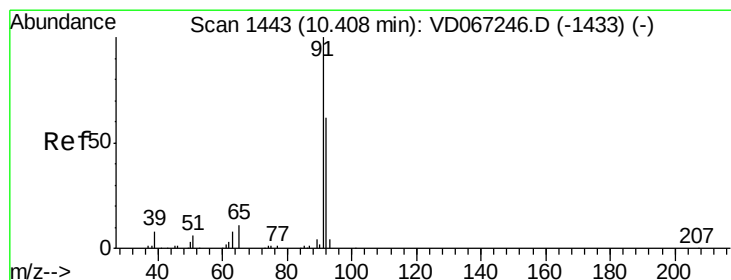
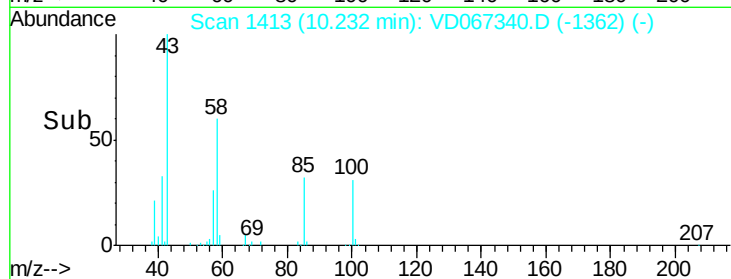
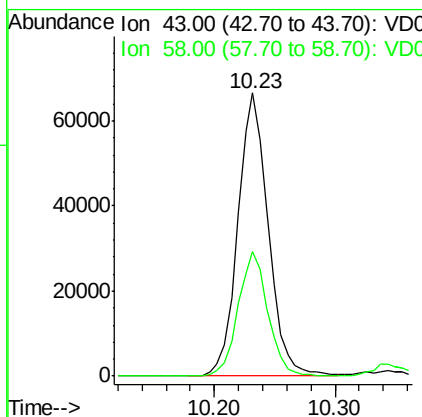
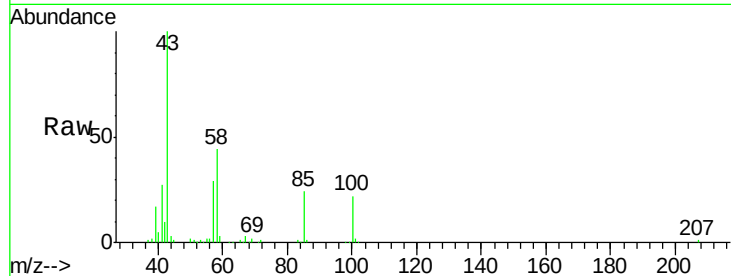
#51
4-Methyl-2-Pentanone
Concen: 103.839 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion: 43 Resp: 116975
Ion Ratio Lower Upper
43 100
58 43.1 35.7 53.5

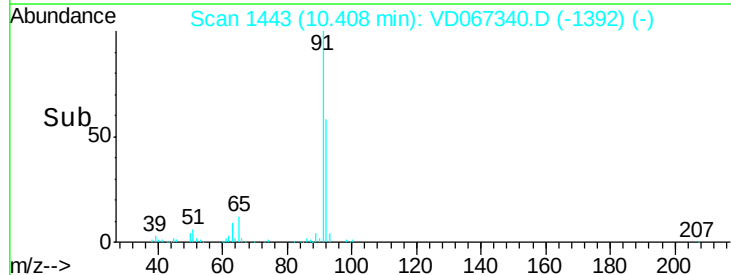
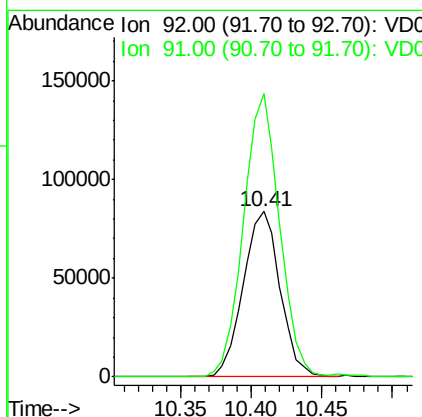
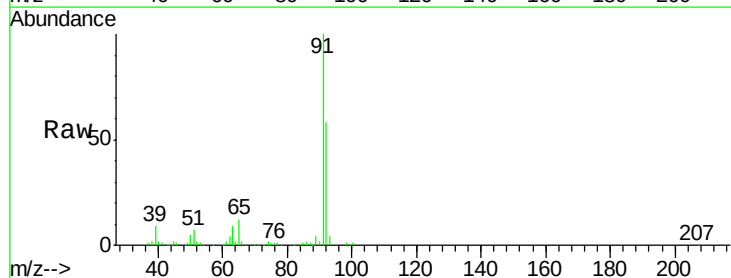
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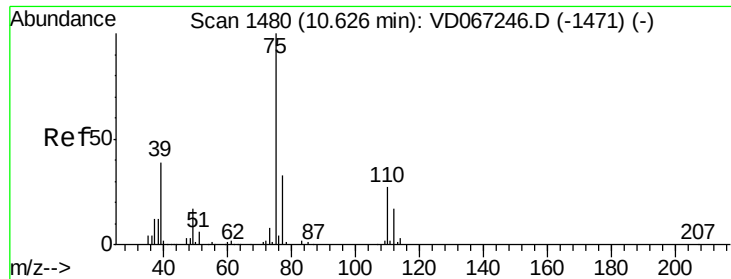
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#52
Toluene
Concen: 21.269 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion: 92 Resp: 153745
Ion Ratio Lower Upper
92 100
91 168.1 133.8 200.8





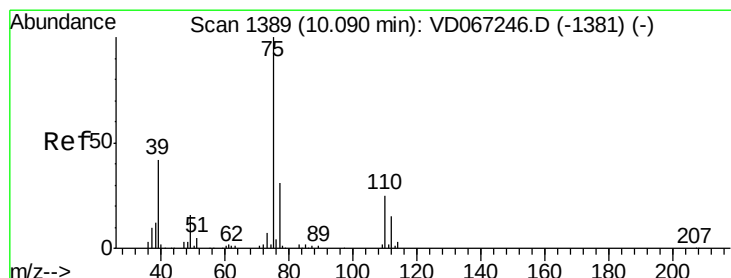
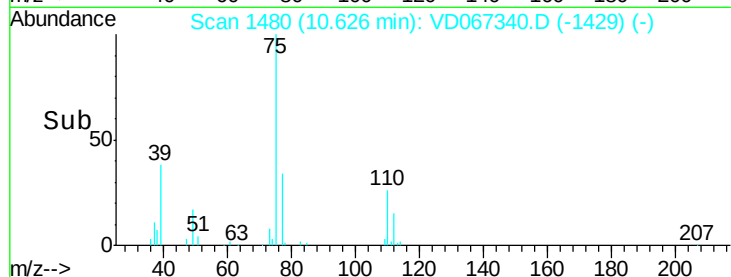
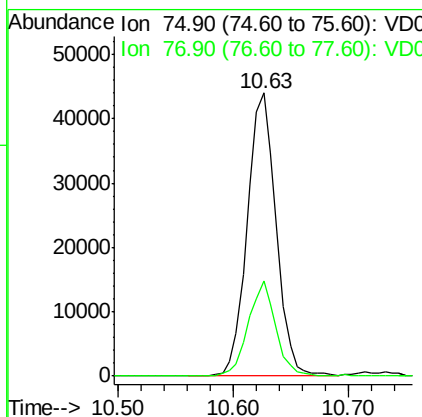
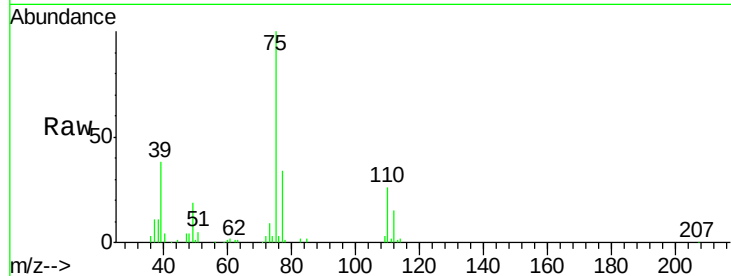
#53
 t-1,3-Dichloropropene
 Concen: 21.207 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.5	39.7

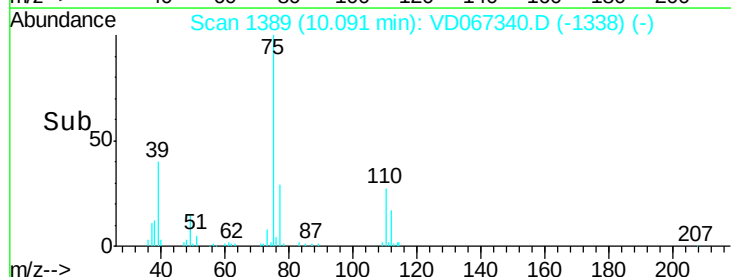
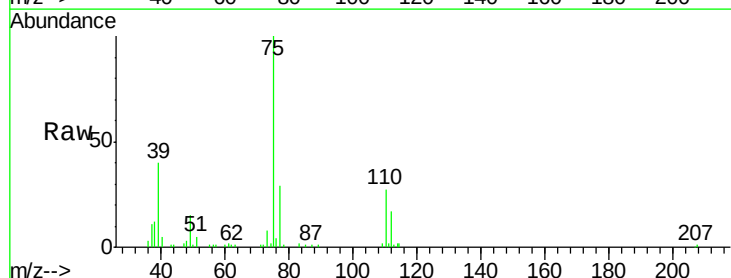
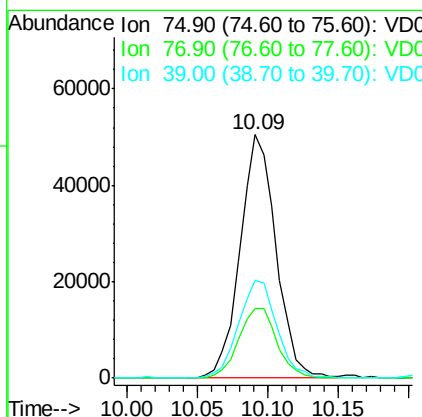
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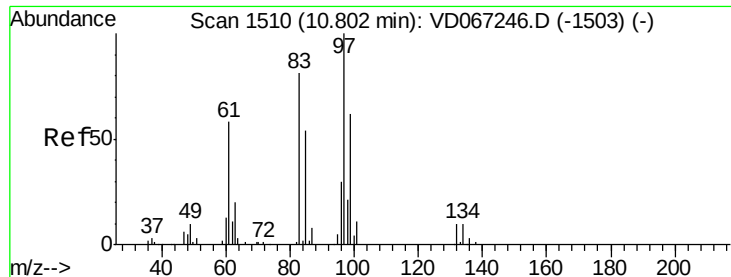
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#54
 cis-1,3-Dichloropropene
 Concen: 21.309 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.6	24.5	36.7
39	40.1	33.7	50.5





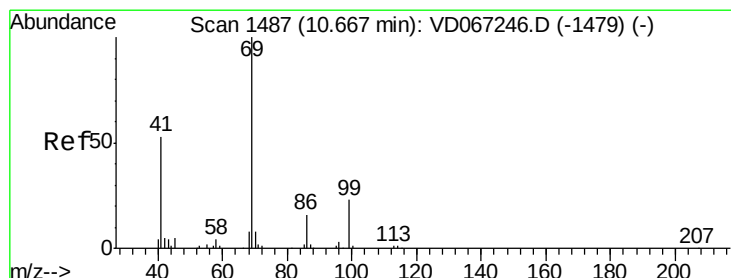
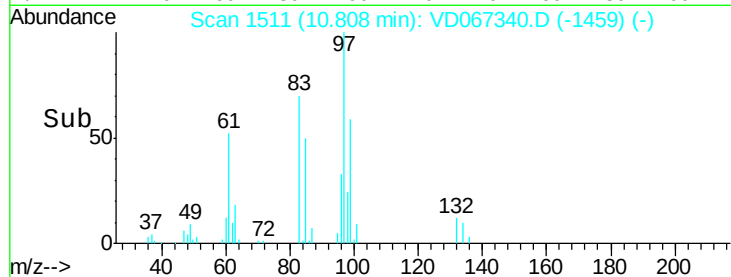
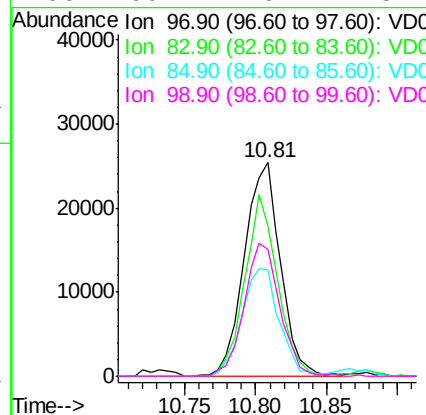
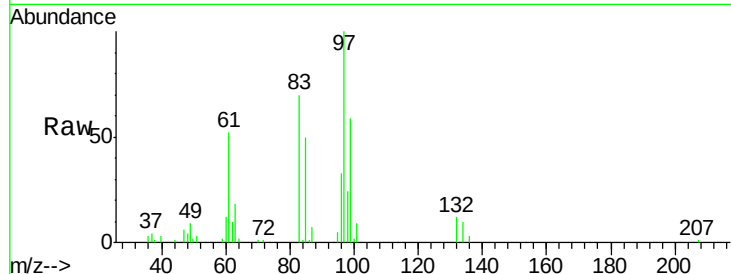
#55
 1,1,2-Trichloroethane
 Concen: 21.810 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion:	97	Resp:	45579
Ion	Ratio	Lower	Upper
97	100		
83	70.3	64.9	97.3
85	49.6	43.3	64.9
99	59.2	49.1	73.7

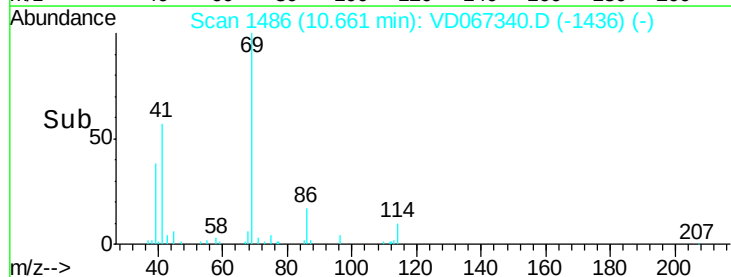
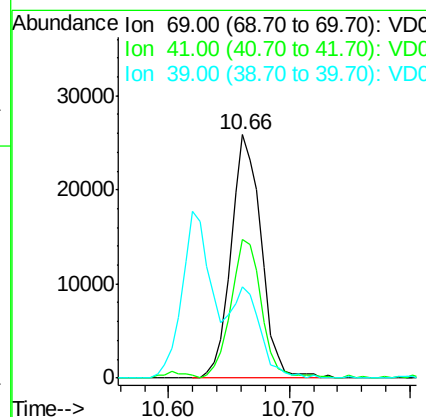
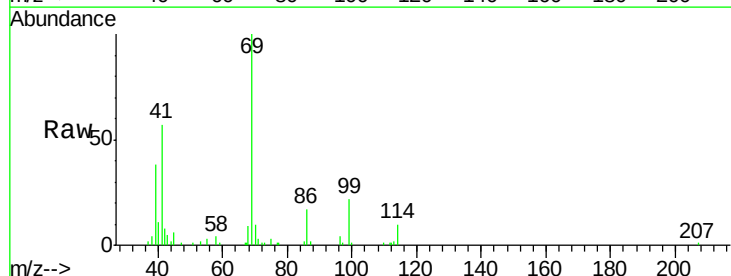
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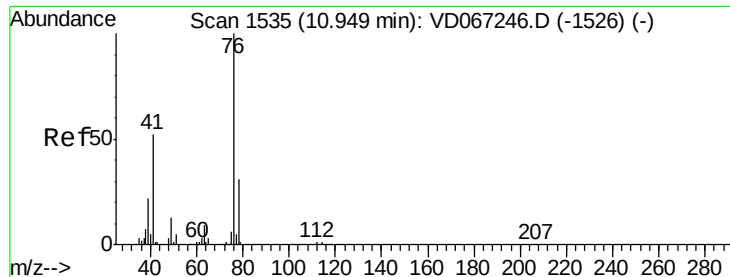
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#56
 Ethyl methacrylate
 Concen: 20.685 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion:	69	Resp:	44831
Ion	Ratio	Lower	Upper
69	100		
41	58.1	44.7	67.1
39	32.6	26.2	39.2





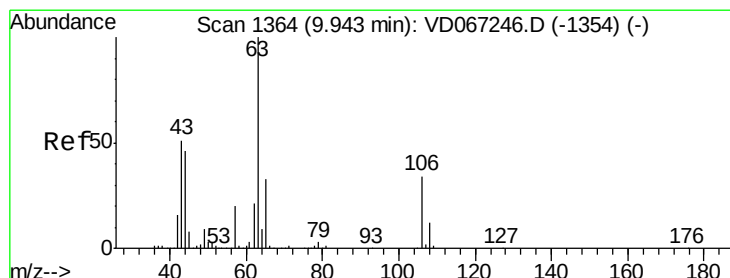
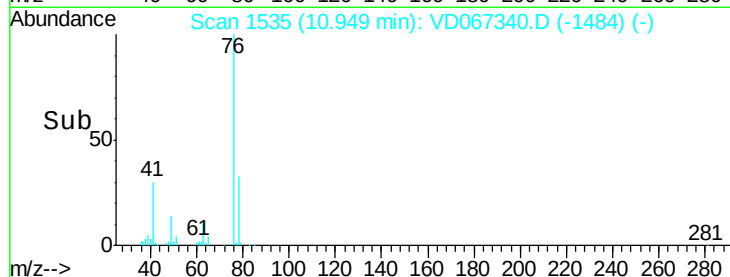
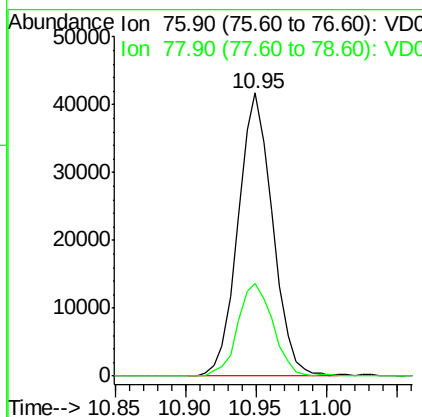
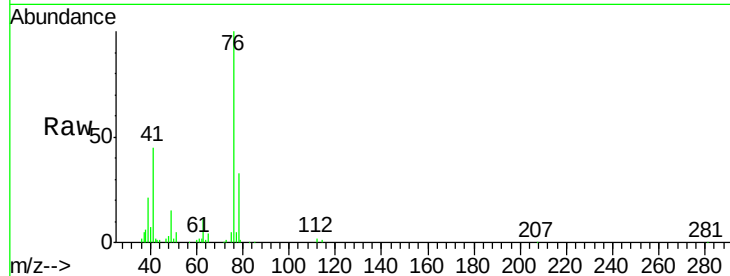
#57
 1,3-Dichloropropane
 Concen: 21.465 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.8	40.2

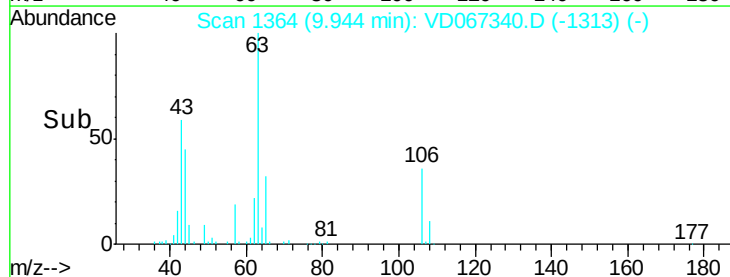
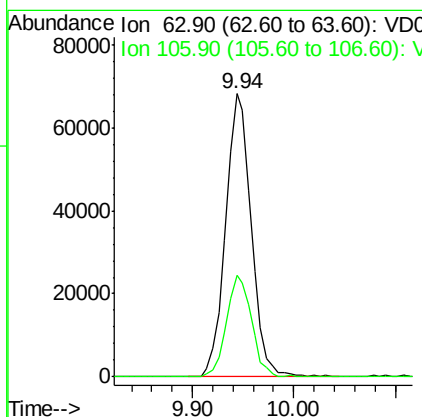
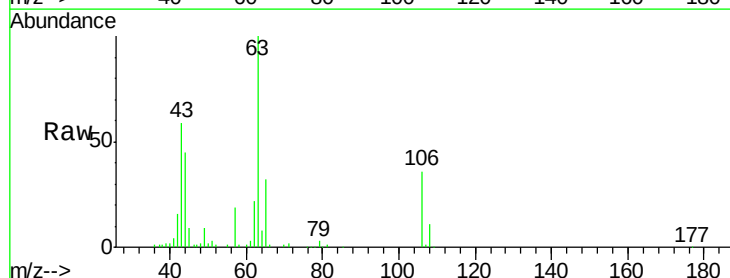
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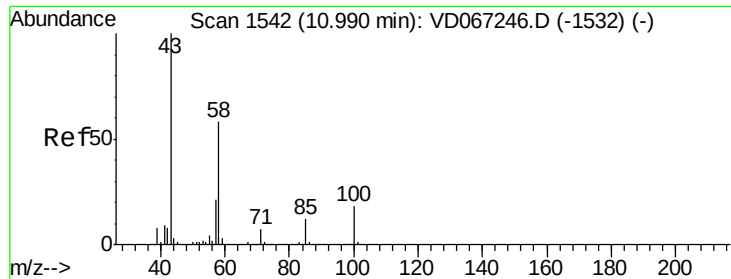
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.179 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	35.0	27.8	41.6





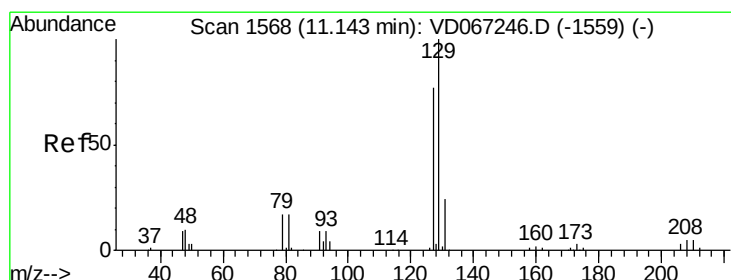
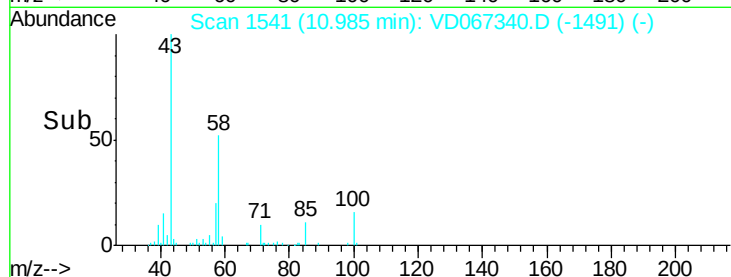
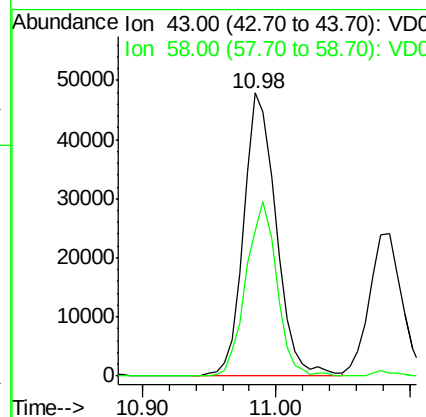
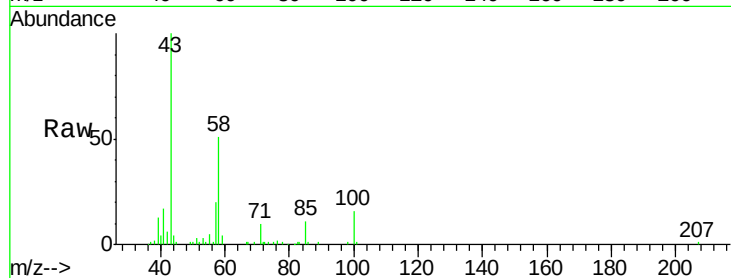
#59
2-Hexanone
Concen: 104.671 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tot Ion: 43 Resp: 80573
Ion Ratio Lower Upper
43 100
58 58.2 29.3 87.9

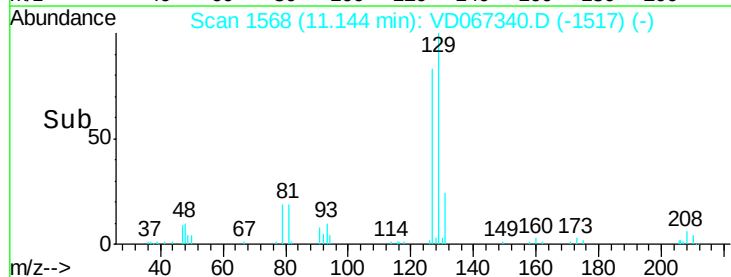
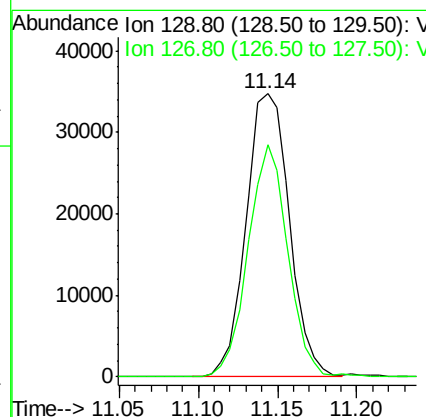
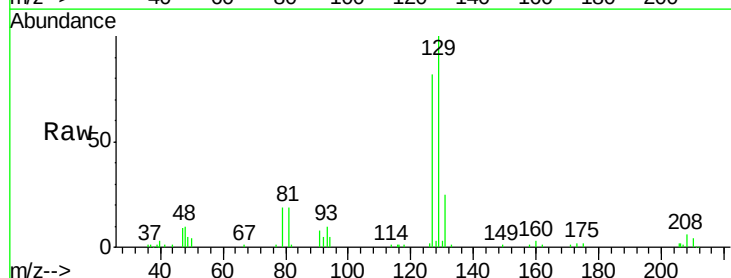
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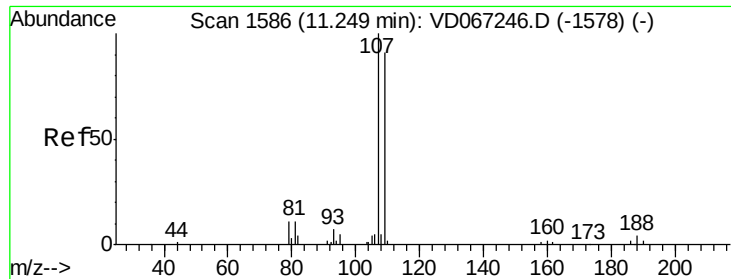
MMDadoda
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#60
Dibromochloromethane
Concen: 21.688 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion: 129 Resp: 66099
Ion Ratio Lower Upper
129 100
127 75.4 38.3 114.8





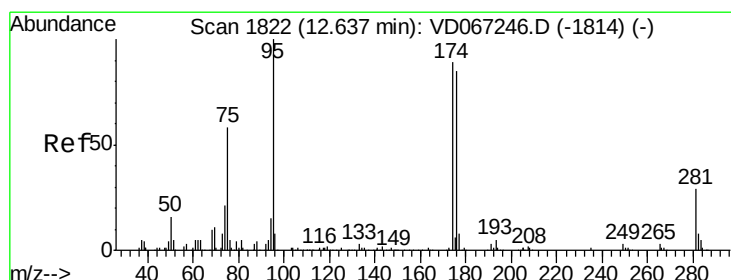
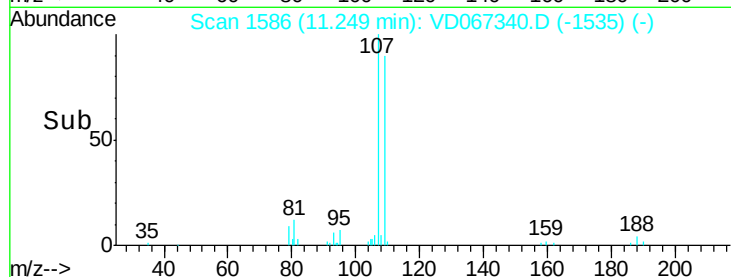
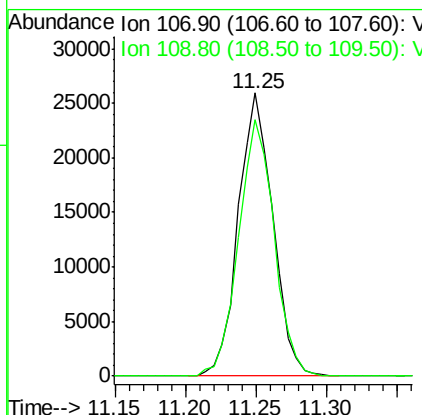
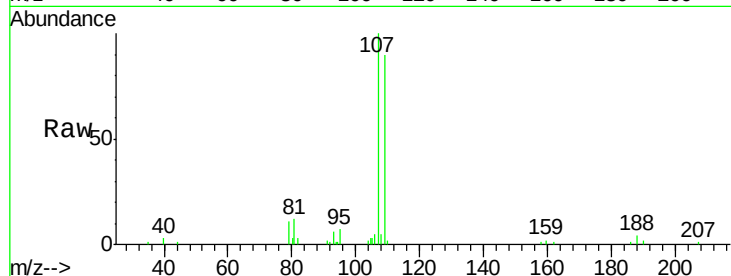
#61
 1,2-Dibromoethane
 Concen: 21.596 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion: 107 Resp: 44493
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.6 112.0

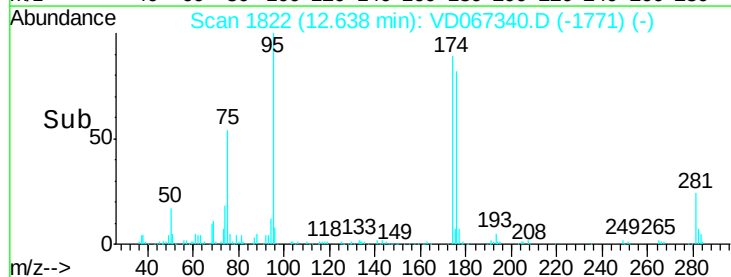
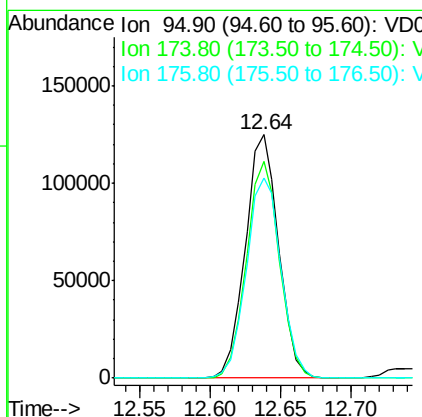
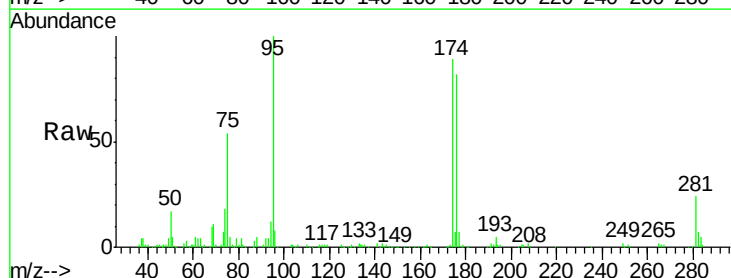
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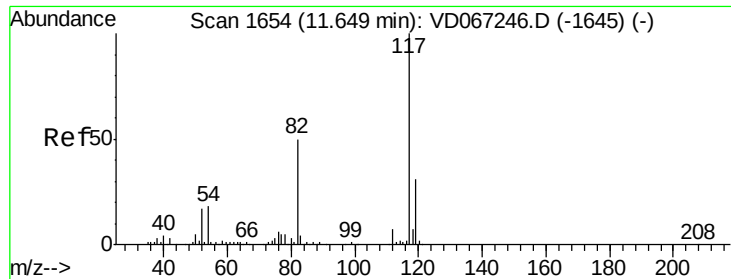
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 54.008 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion: 95 Resp: 206446
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 175.2
 176 85.6 0.0 168.6





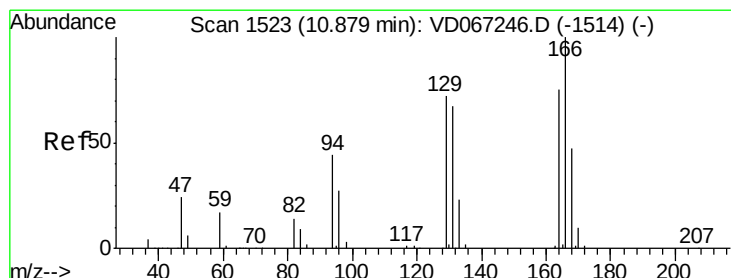
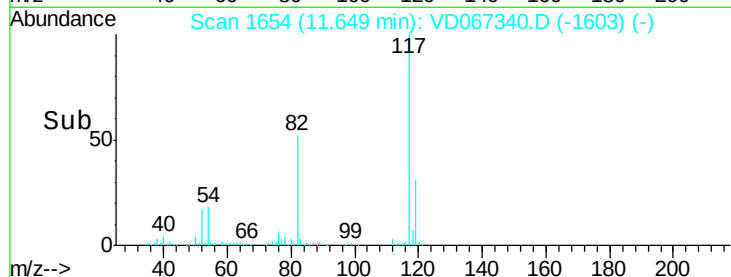
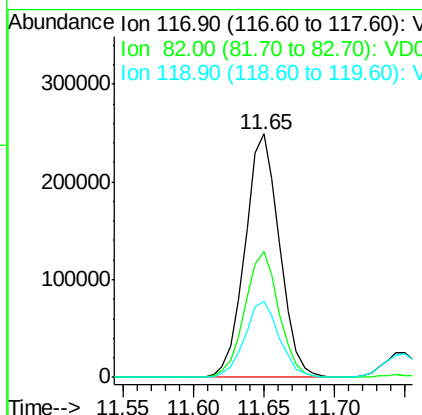
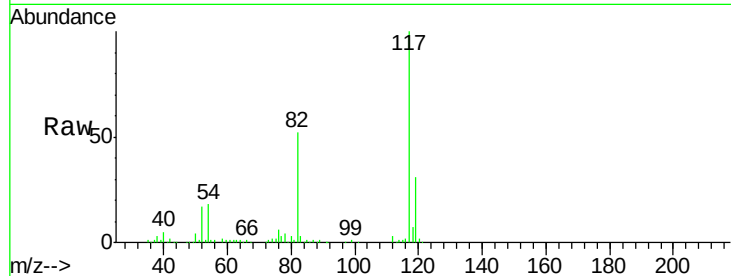
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	426392		
82	51.6	39.9	59.9	
119	31.2	24.9	37.3	

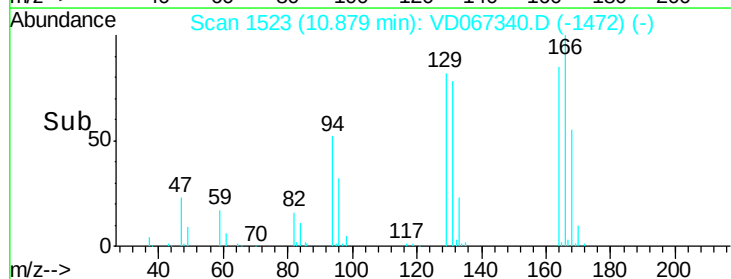
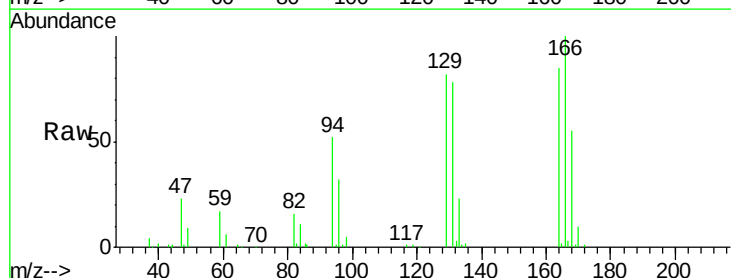
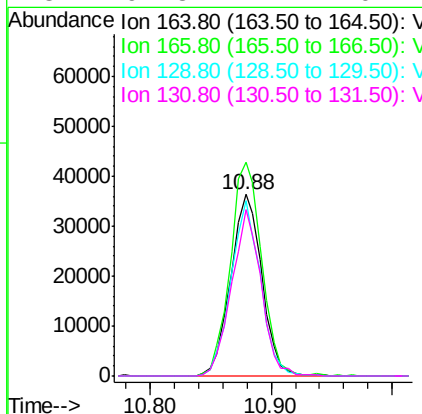
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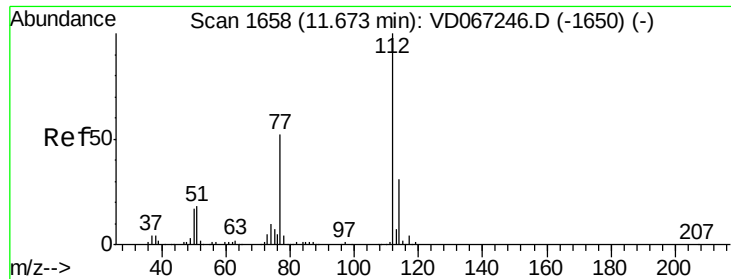
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#64
Tetrachloroethene
Concen: 21.173 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65411		
166	117.9	107.3	160.9	
129	97.0	77.3	115.9	
131	91.8	71.4	107.2	





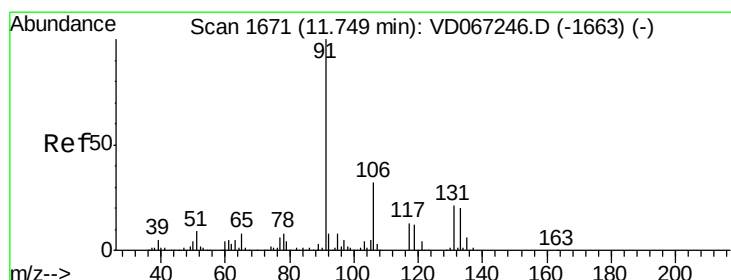
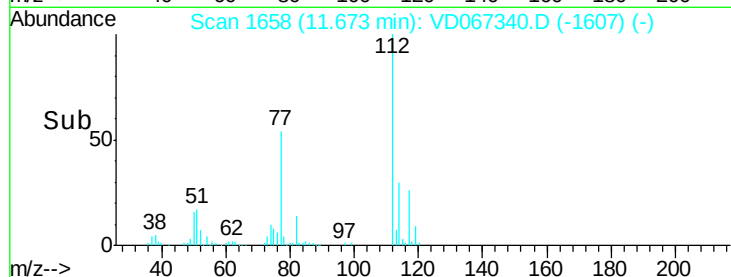
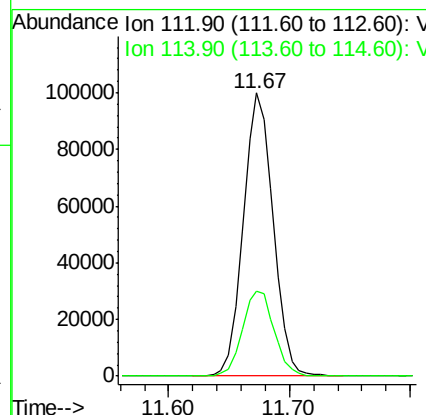
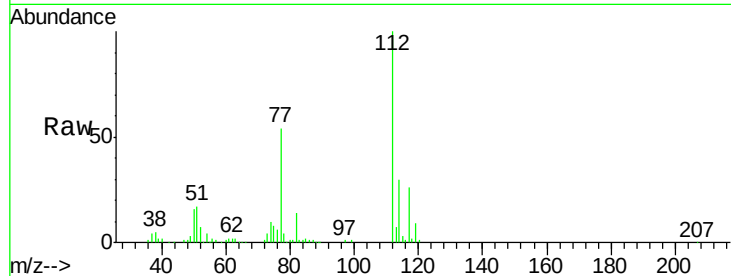
#65
Chlorobenzene
Concen: 21.057 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.0	37.4

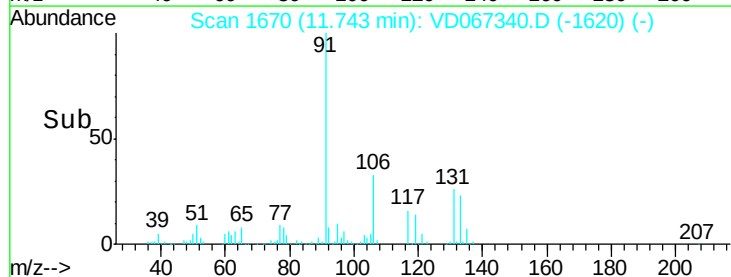
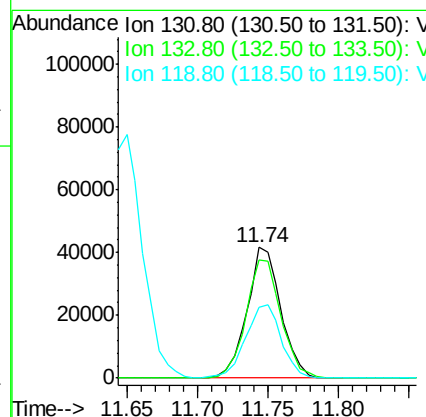
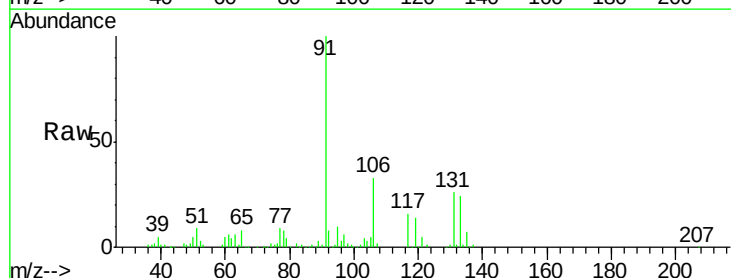
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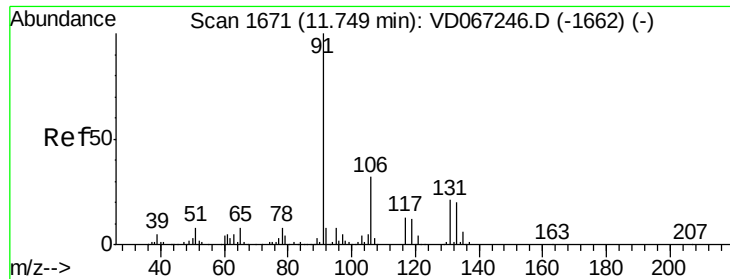
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.513 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	48.1	144.3
119	59.8	30.0	90.0





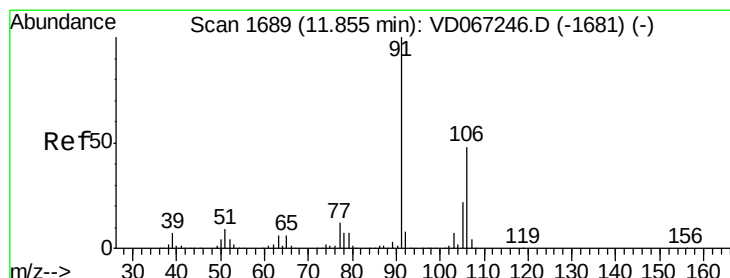
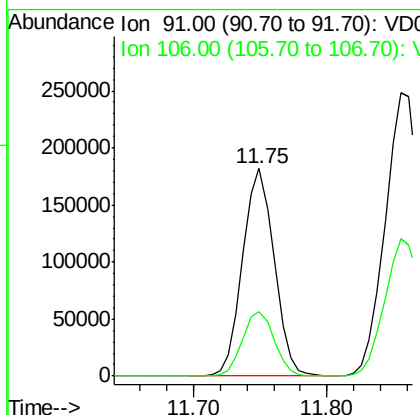
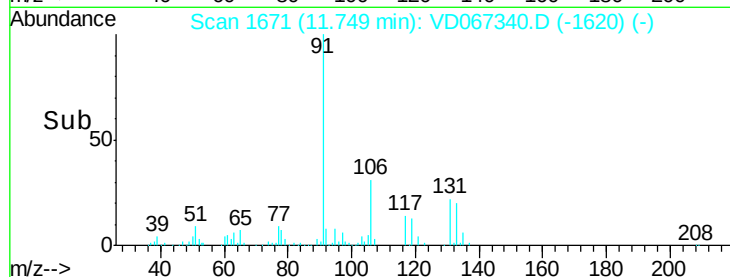
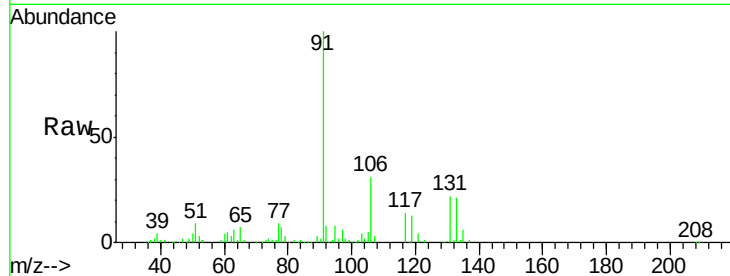
#67
Ethyl Benzene
Concen: 21.241 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.0

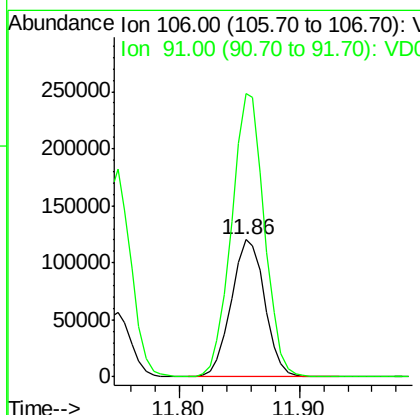
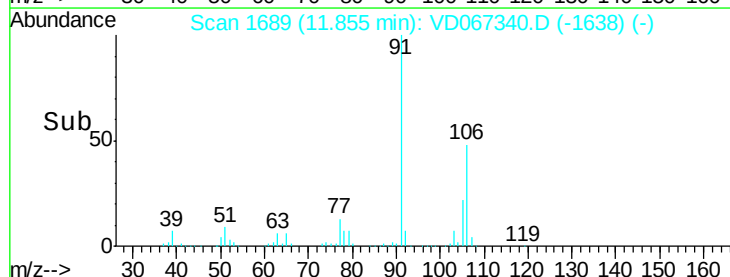
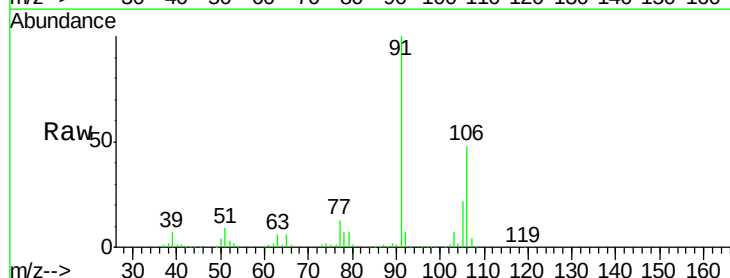
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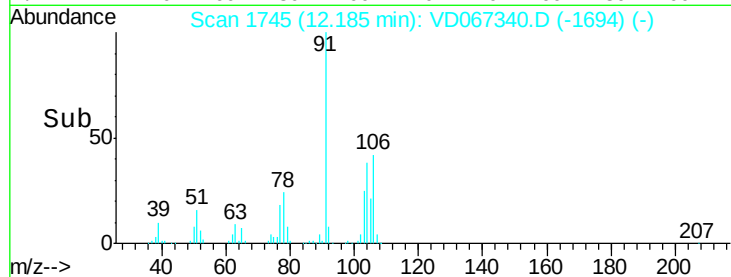
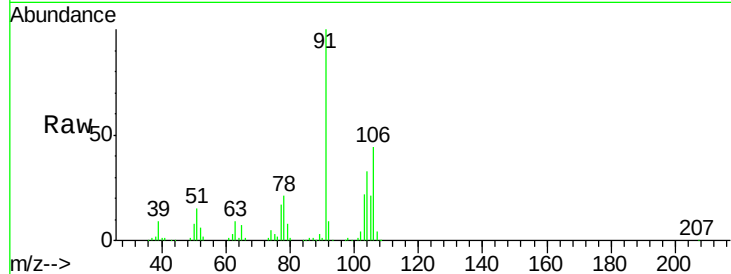
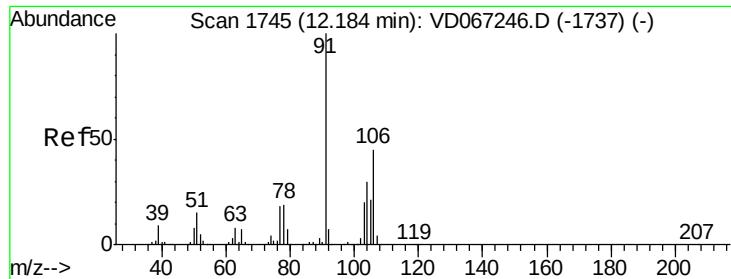
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#68
m/p-Xylenes
Concen: 43.010 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.6	163.8	245.8





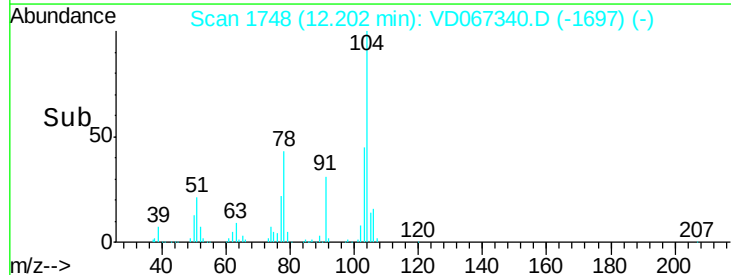
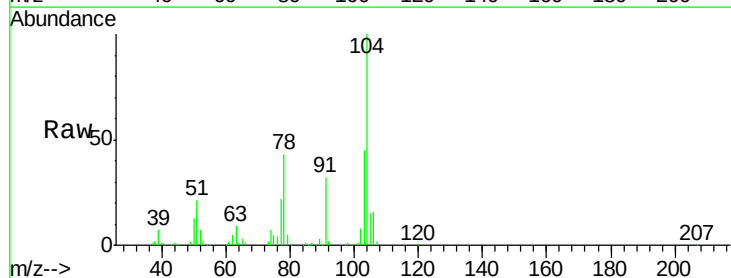
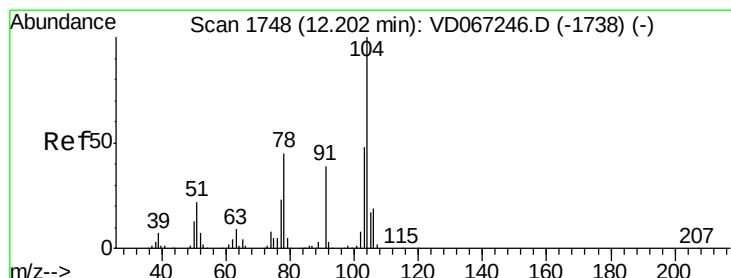
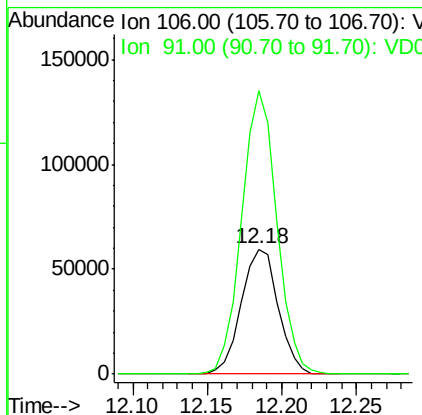
#69
o-Xylene
Concen: 20.432 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tot Ion	Ratio	Resp	Lower	Upper
106	100	102122		
91	215.5	109.1	327.3	

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

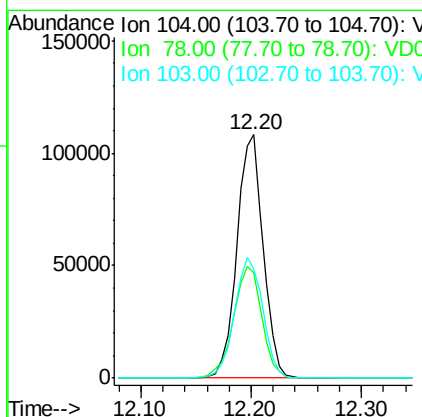
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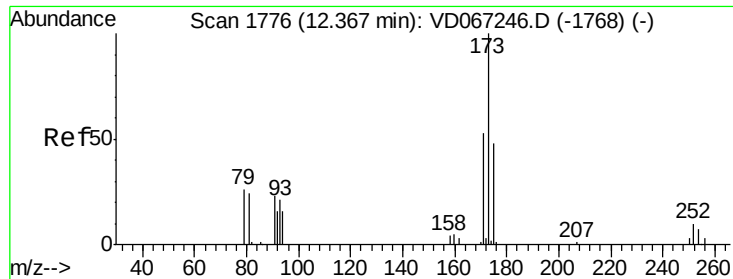
MMDadoda
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#70
Styrene
Concen: 21.002 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	180698		
78	49.5	39.8	59.6	
103	53.2	42.6	64.0	





#71

Bromoform

Concen: 21.274 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion:173 Resp: 37140

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

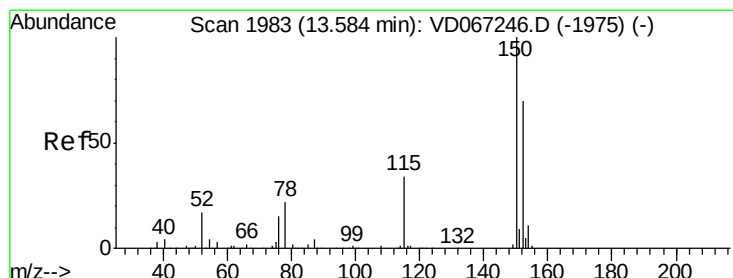
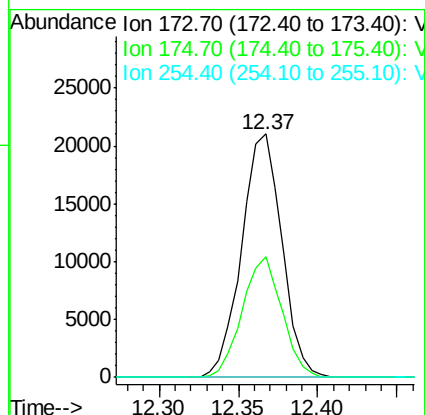
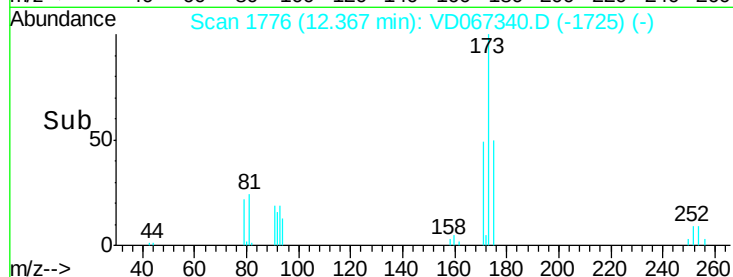
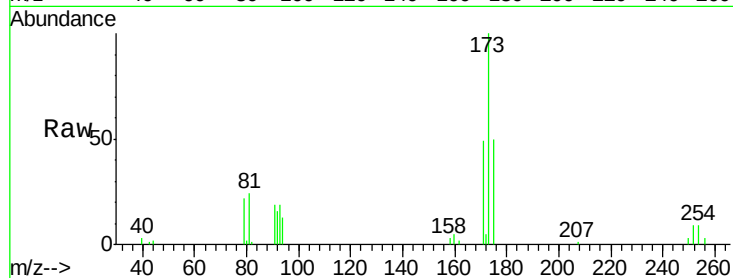
254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

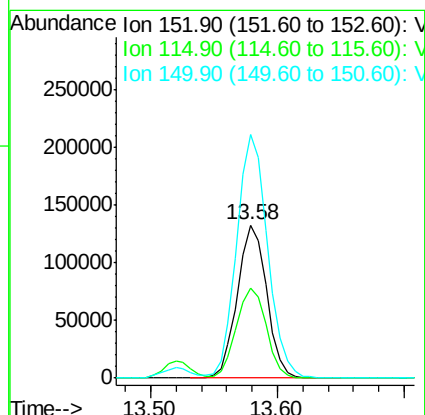
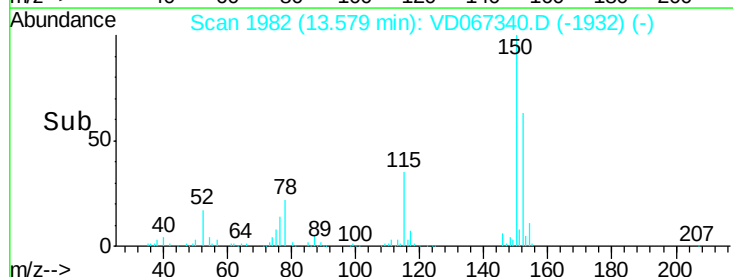
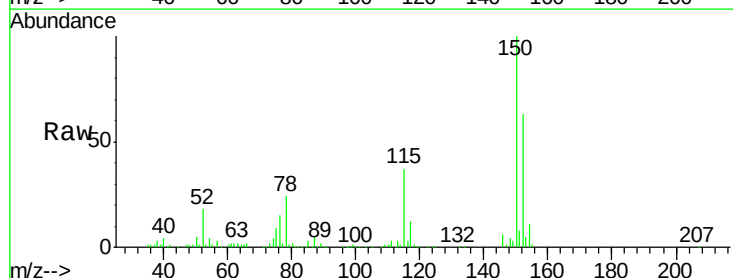
Tgt Ion:152 Resp: 212690

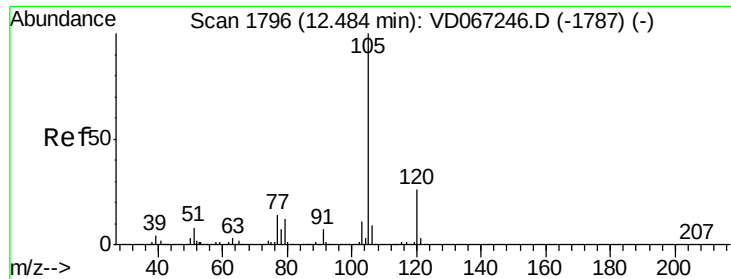
Ion Ratio Lower Upper

152 100

115 60.2 29.3 87.9

150 167.6 0.0 339.0





#73

Isopropylbenzene

Concen: 21.678 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion: 105 Resp: 292621

Ion Ratio Lower Upper

105 100

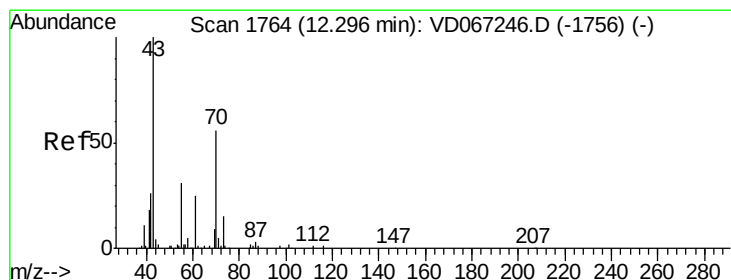
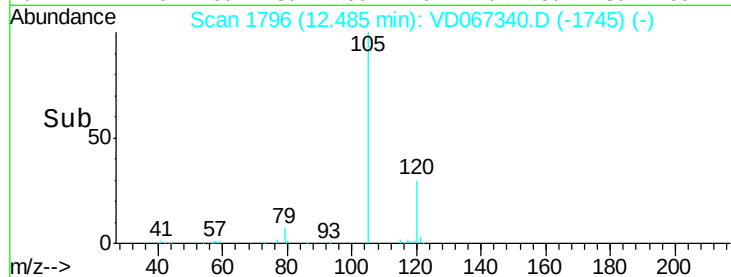
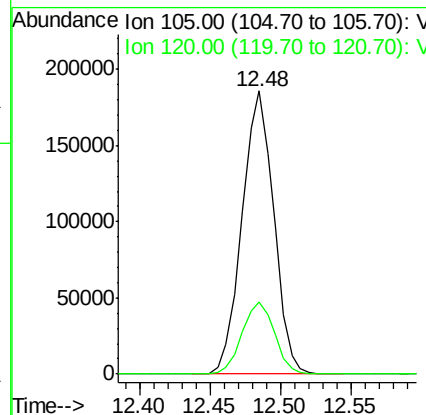
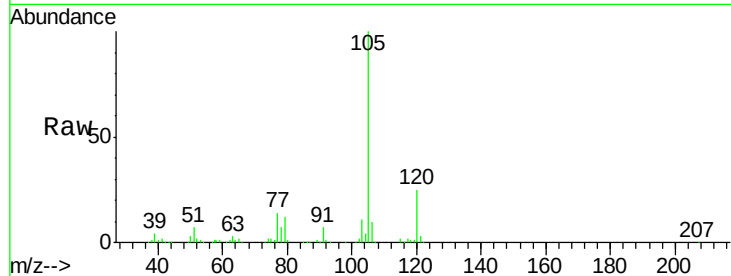
120 25.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 20.442 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion: 43 Resp: 41677

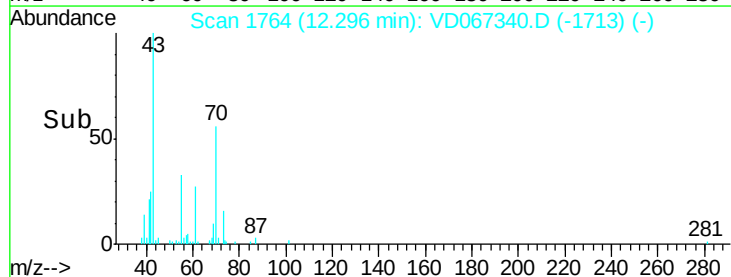
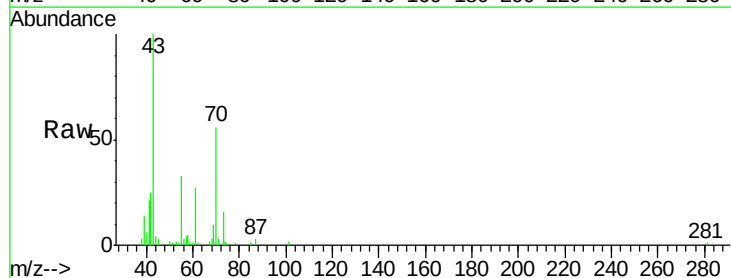
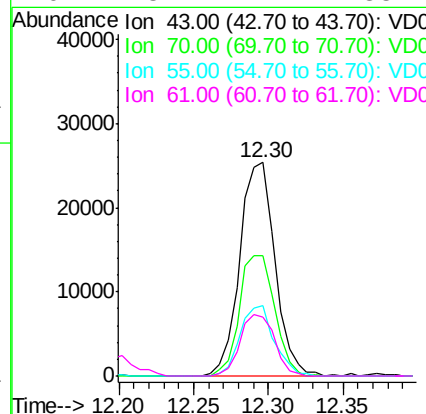
Ion Ratio Lower Upper

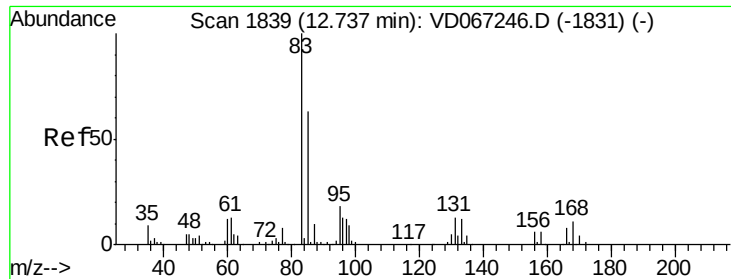
43 100

70 56.7 42.7 64.1

55 32.2 24.0 36.0

61 28.2 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.286 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

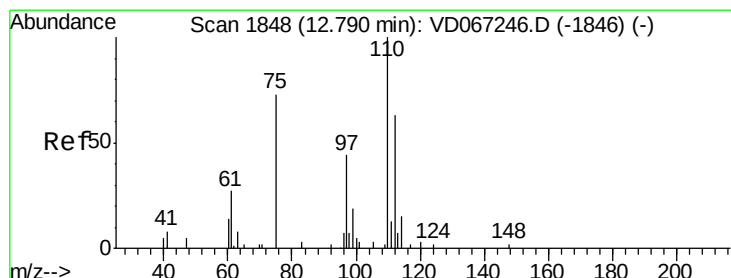
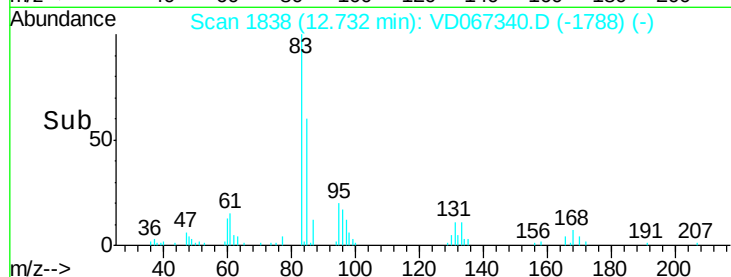
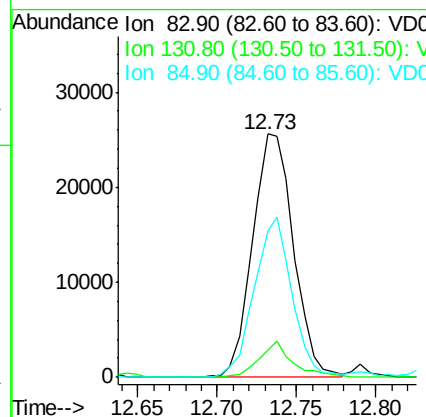
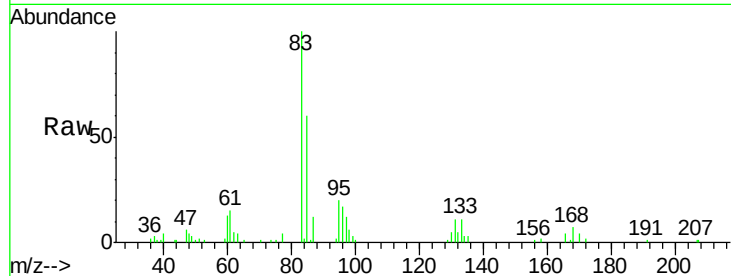
ClientSampleId :

VD1021SBS01

Tot Ion:	83	Resp:	46094
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.5	19.5
85	60.2	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 22.386 ug/l m

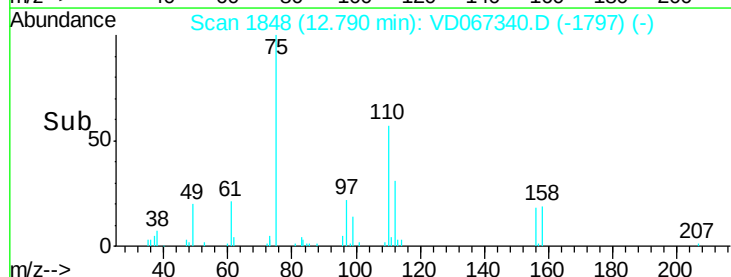
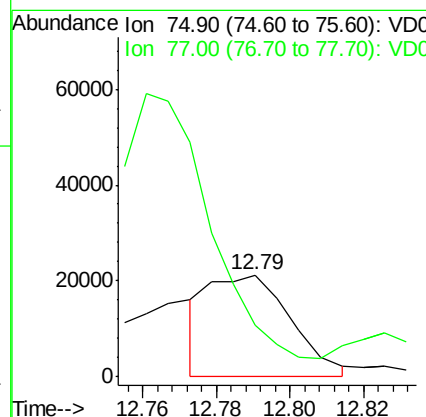
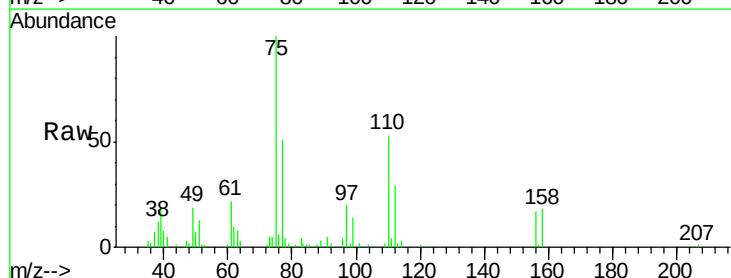
RT: 12.79 min Scan# 1848

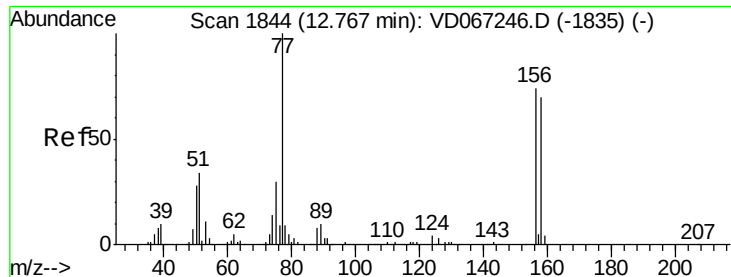
Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion:	75	Resp:	33000
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.384 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

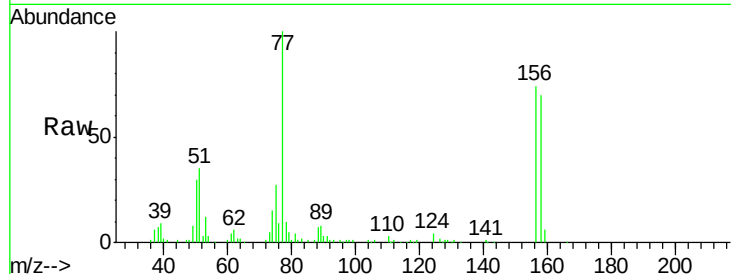
ClientSampleId :

VD1021SBS01

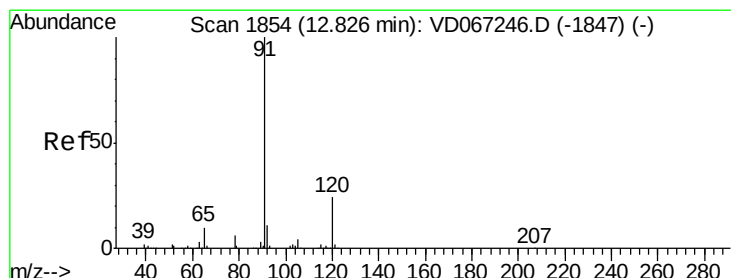
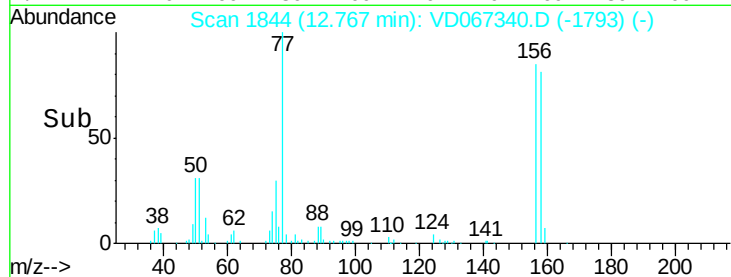
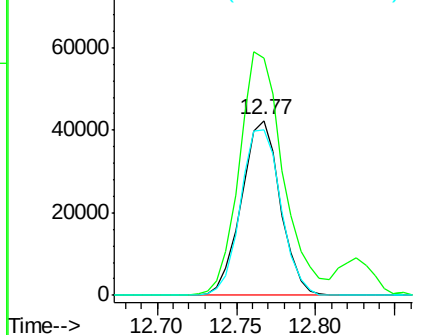
Tot Ion:	156	Resp:	71965
Ion	Ratio	Lower	Upper
156	100		
77	158.6	78.0	233.8
158	98.4	49.1	147.3

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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: 22.021 ug/l

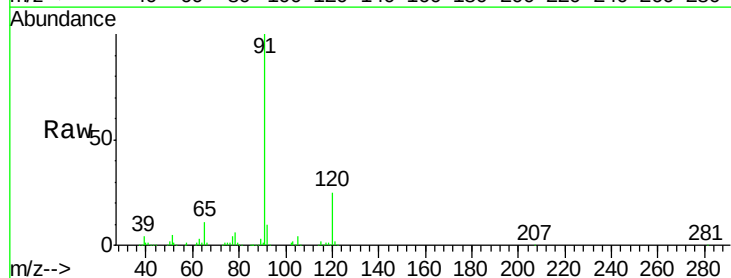
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

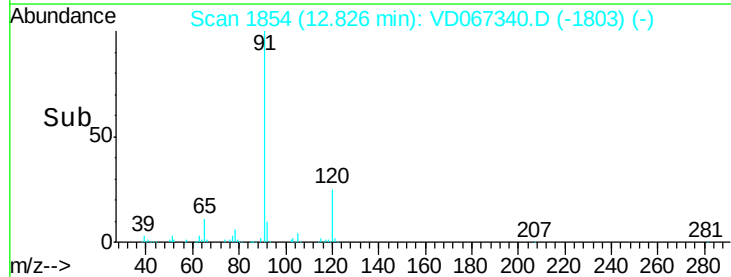
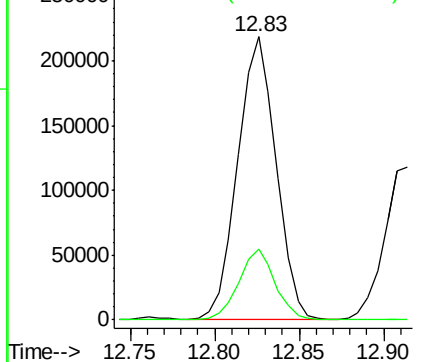
Lab File: VD067340.D

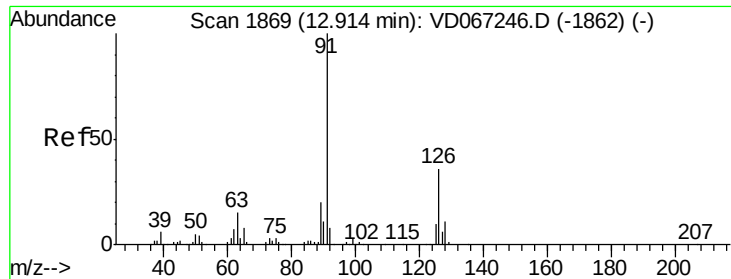
Acq: 21 Oct 2020 11:47

Tgt Ion:	91	Resp:	344415
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





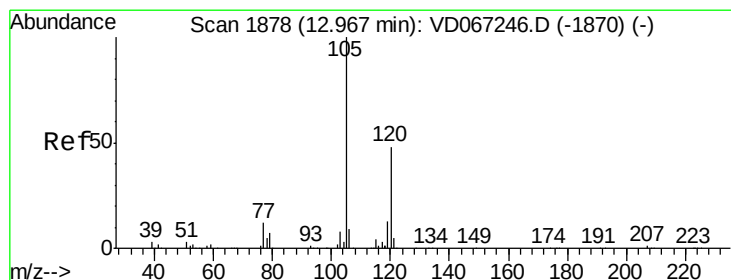
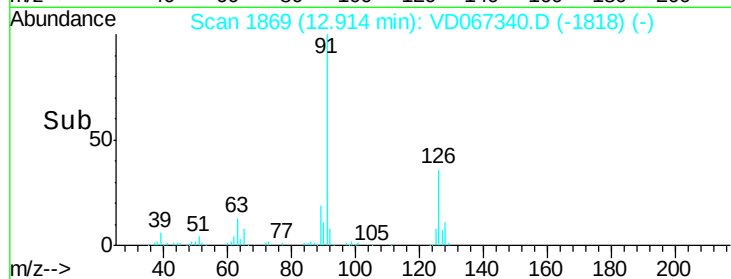
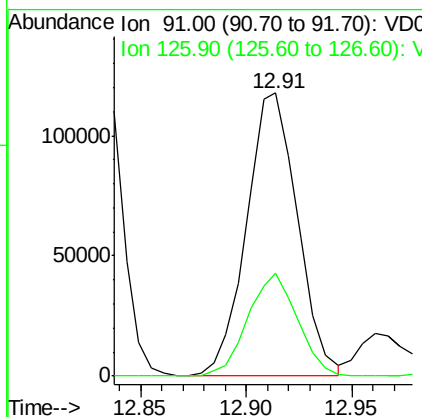
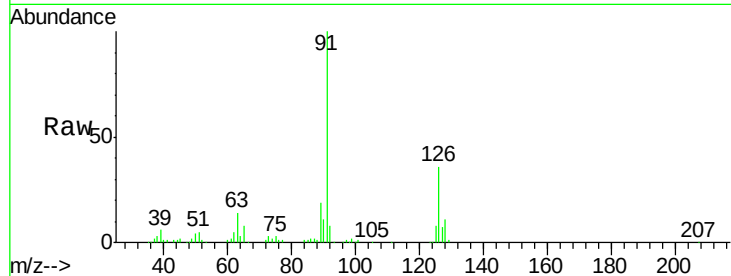
#79
 2-Chlorotoluene
 Concen: 21.717 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion: 91 Resp: 196974
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.8

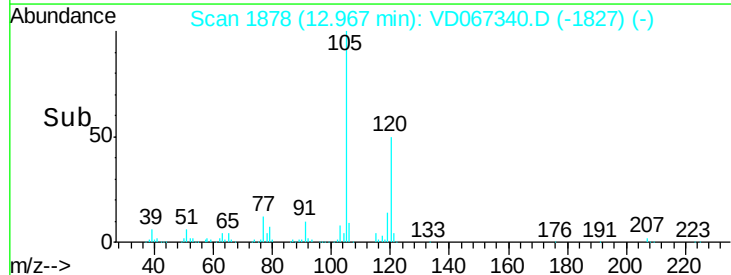
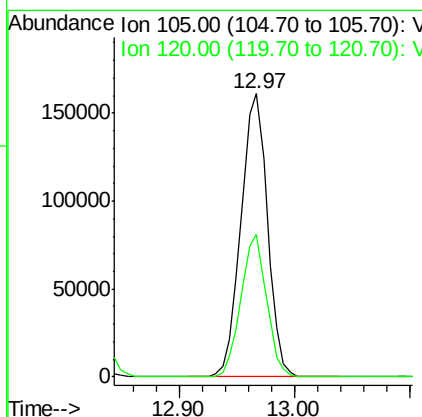
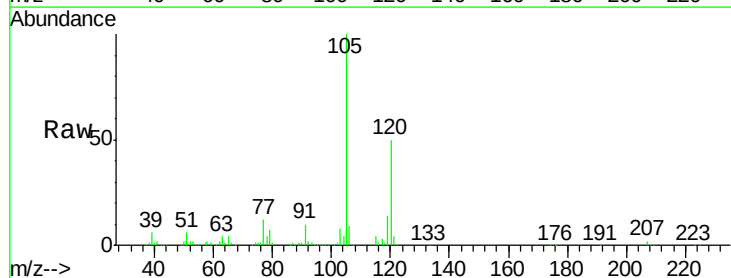
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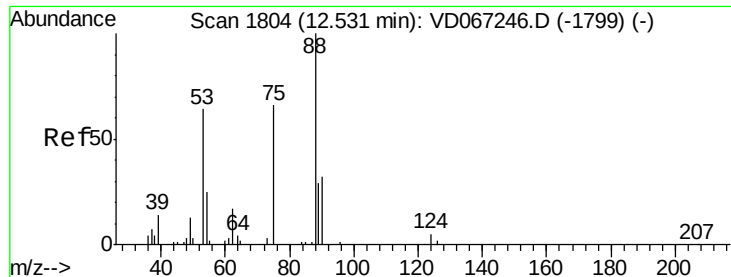
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.939 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion: 105 Resp: 257350
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.141 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

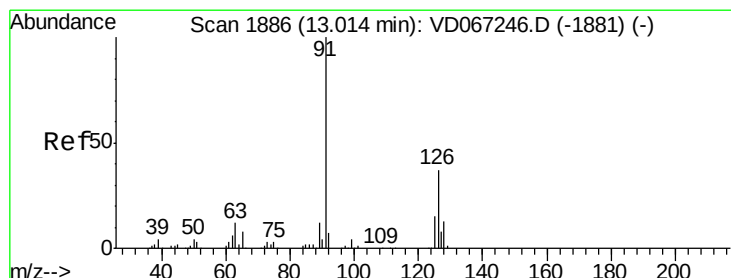
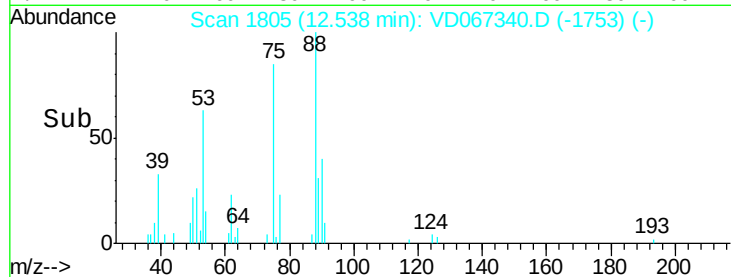
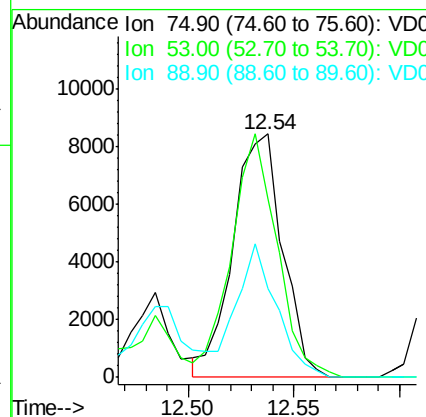
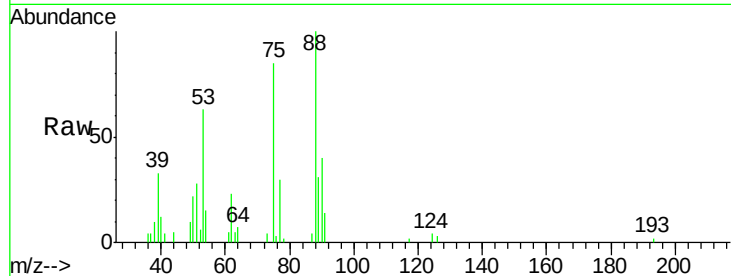
ClientSampleId :

VD1021SBS01

Tot Ion:	75	Resp:	13743
Ion	Ratio	Lower	Upper
75	100		
53	92.0	78.5	117.7
89	45.5	39.9	59.9

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#82

4-Chlorotoluene

Concen: 21.709 ug/l

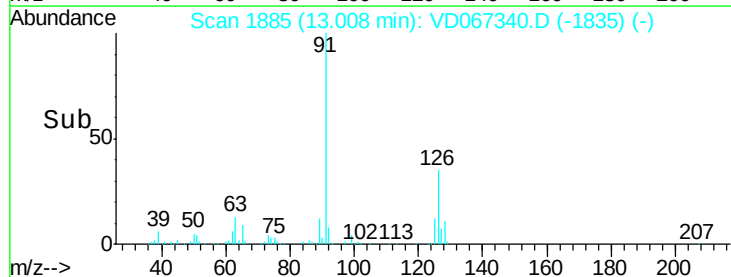
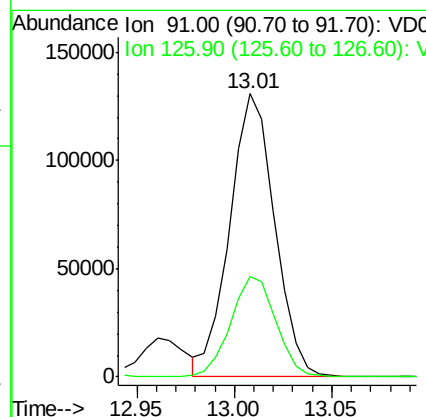
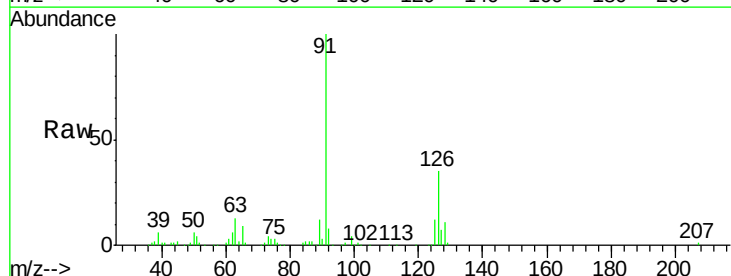
RT: 13.01 min Scan# 1885

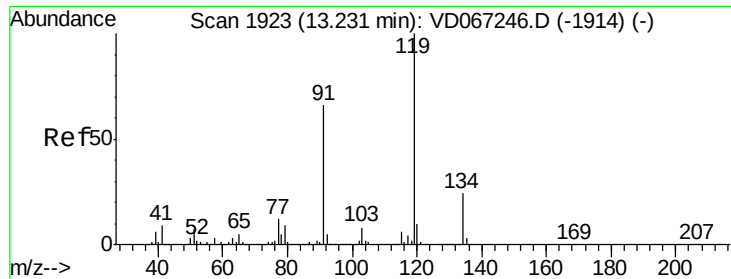
Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Tgt Ion:	91	Resp:	208983
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.8	53.5





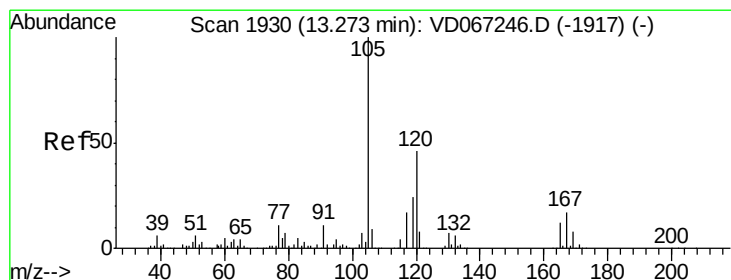
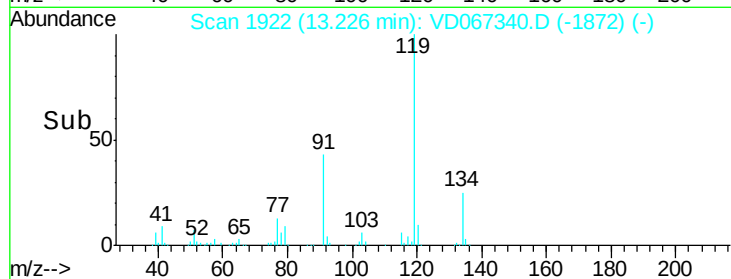
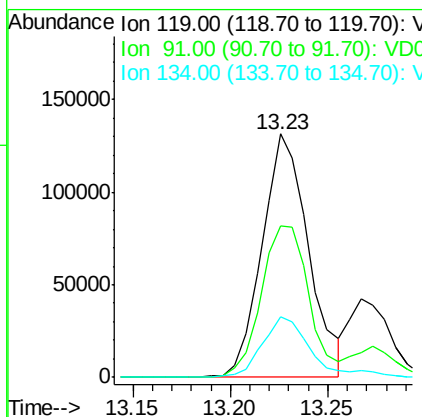
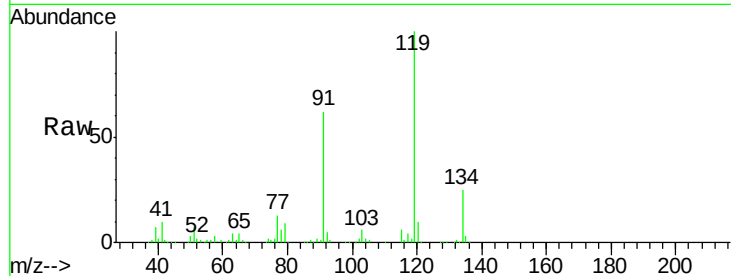
#83
 tert-Butylbenzene
 Concen: 21.888 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216885		
91	63.6		33.1	99.2
134	26.2		13.3	39.9

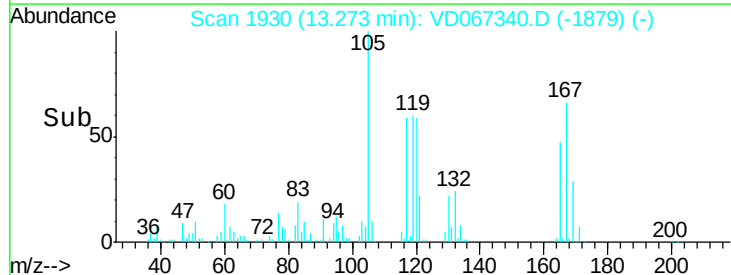
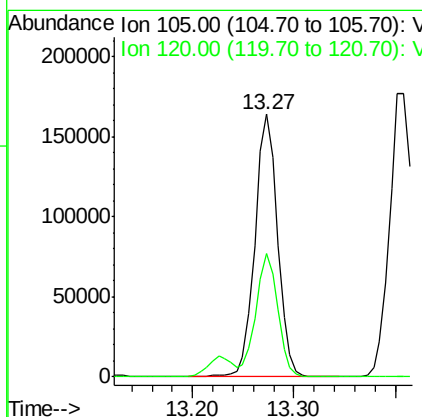
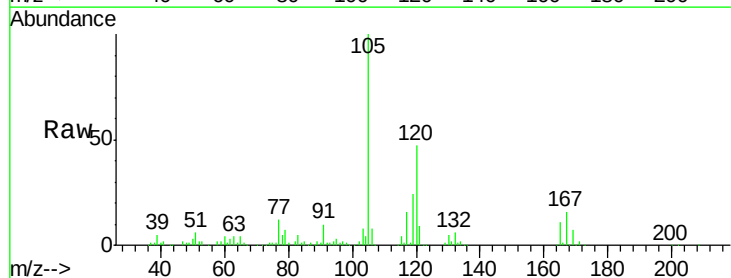
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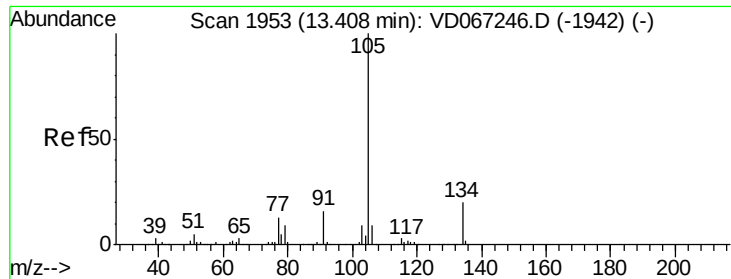
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.994 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254999		
120	45.8		22.4	67.3





#85

sec-Butylbenzene

Concen: 21.036 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

Tot Ion:105 Resp: 286016

Ion Ratio Lower Upper

105 100

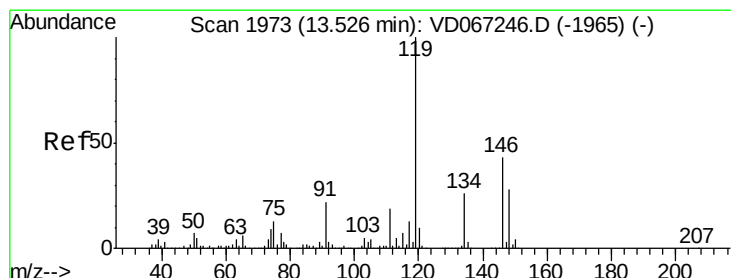
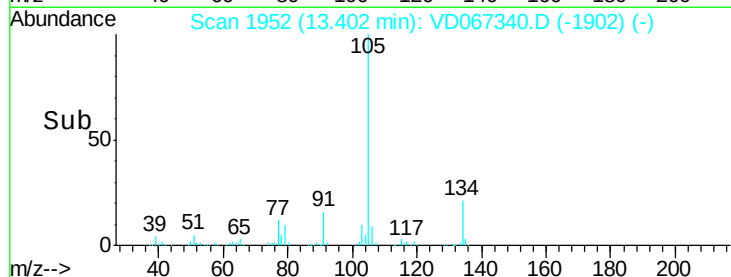
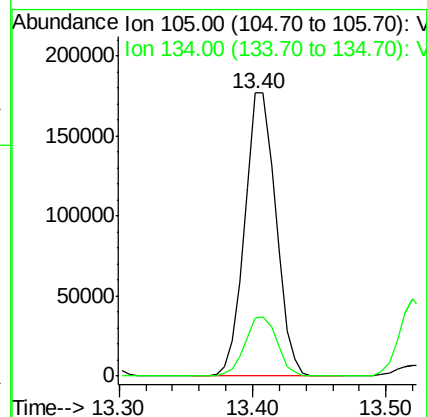
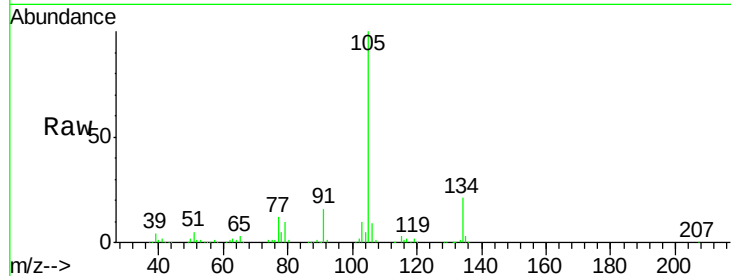
134 21.4 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 21.625 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067340.D

Acq: 21 Oct 2020 11:47

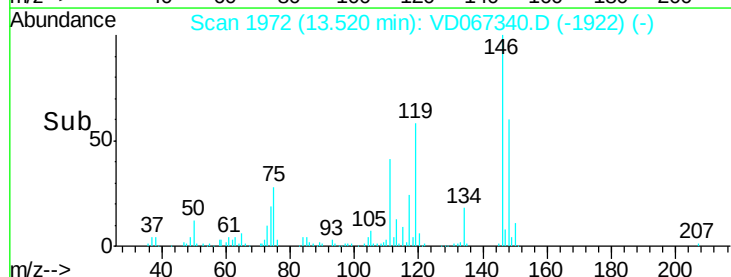
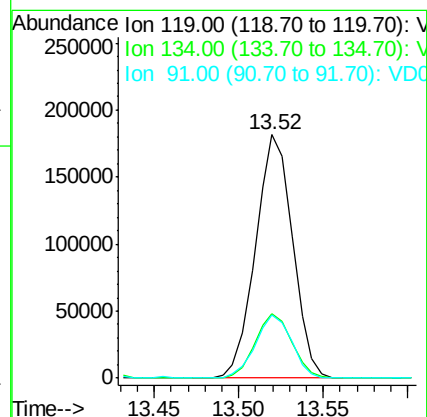
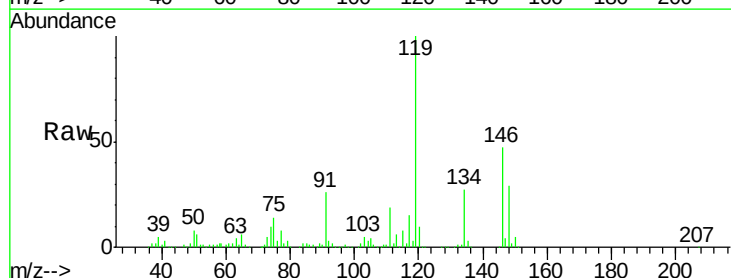
Tgt Ion:119 Resp: 277517

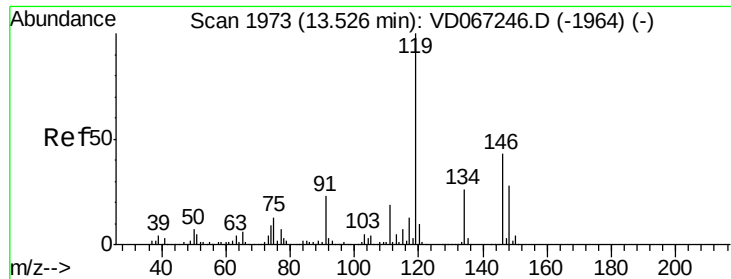
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 25.2 11.9 35.9





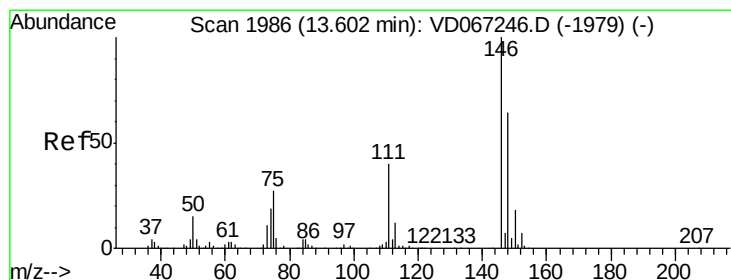
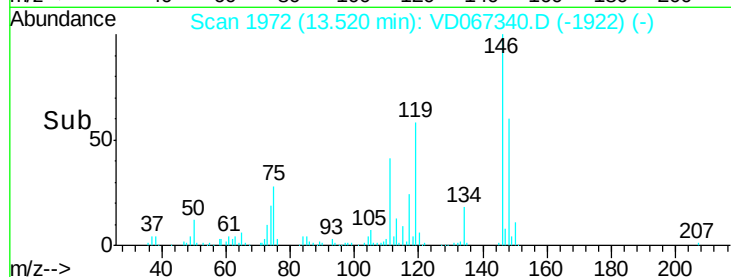
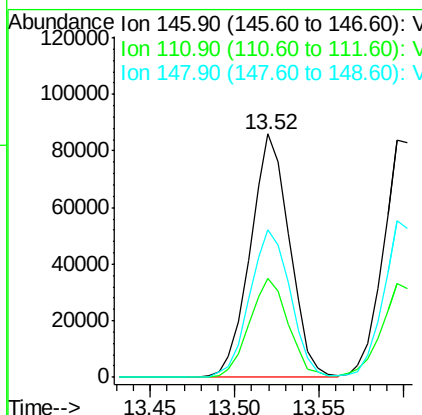
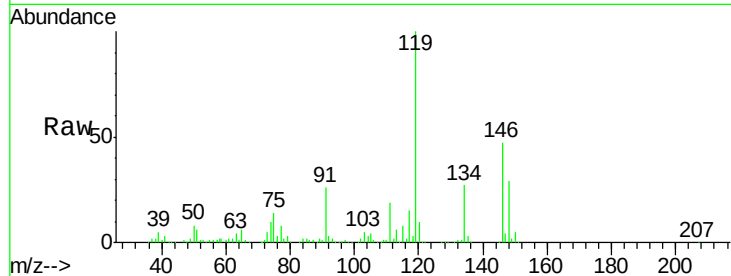
#87
1,3-Dichlorobenzene
Concen: 21.435 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.1	63.3
148	62.6	31.9	95.9

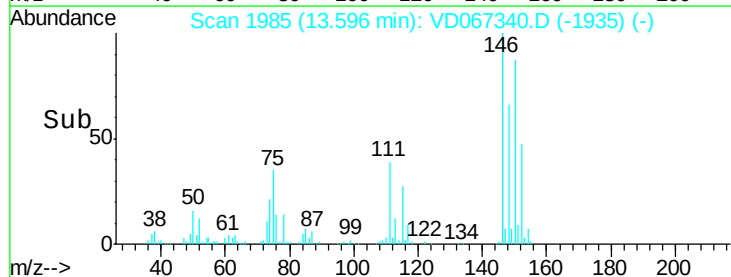
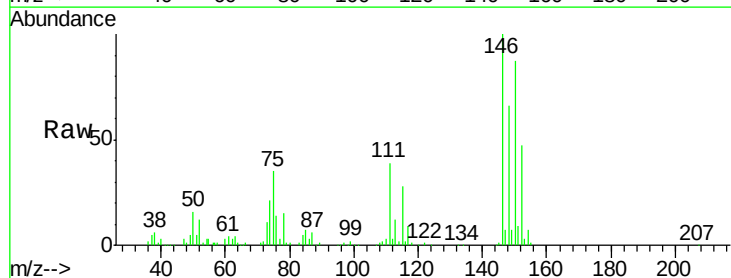
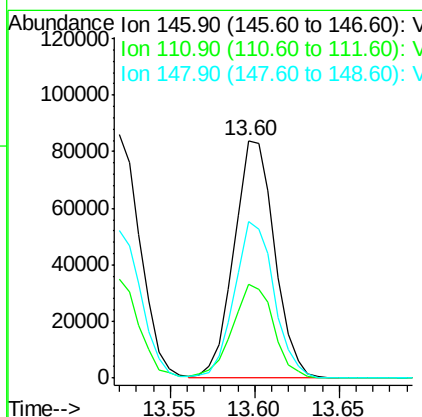
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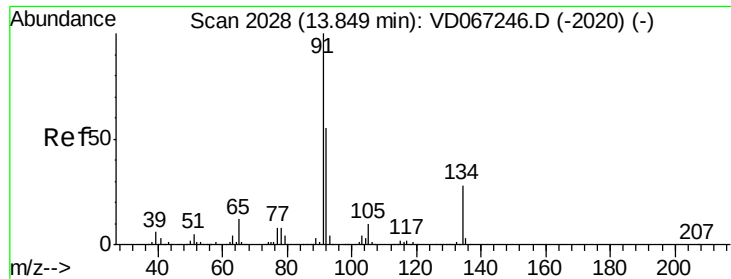
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#88
1,4-Dichlorobenzene
Concen: 21.877 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.5	31.9	95.9





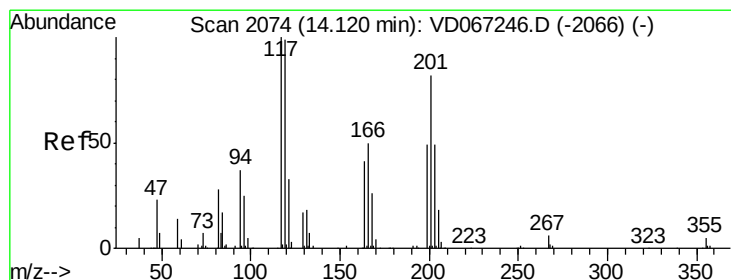
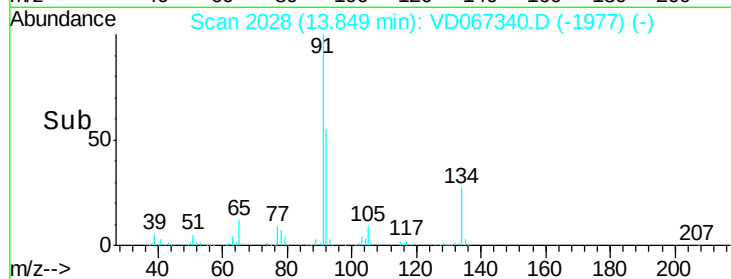
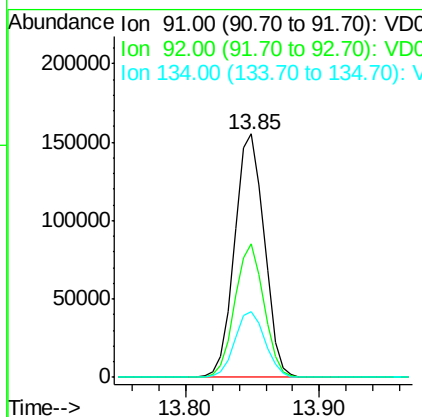
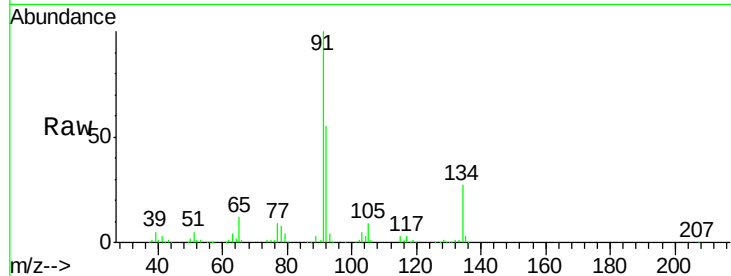
#89
n-Butylbenzene
Concen: 21.213 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	27.6	14.2	42.6

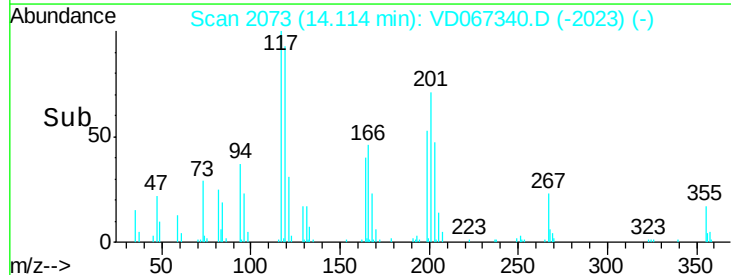
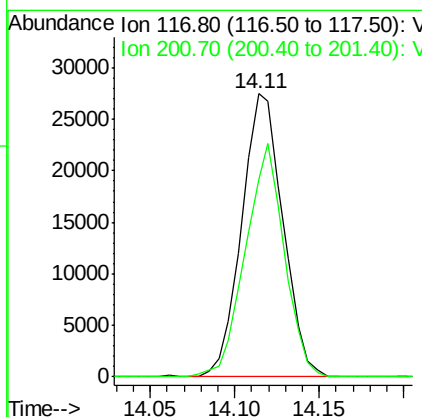
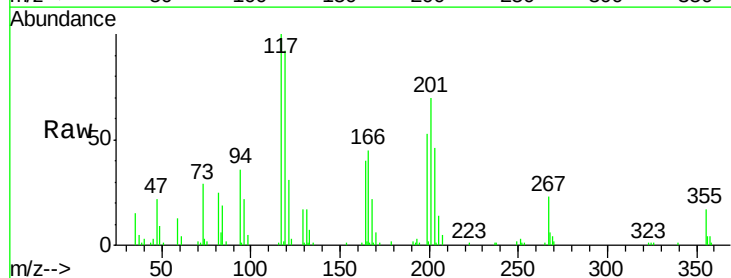
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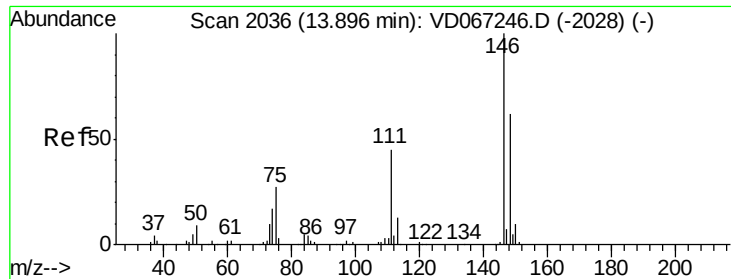
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#90
Hexachloroethane
Concen: 20.835 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.4	40.8	122.2





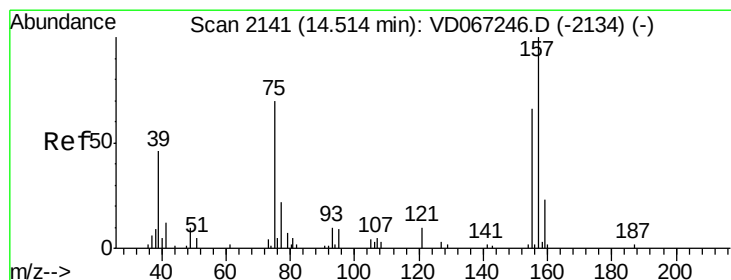
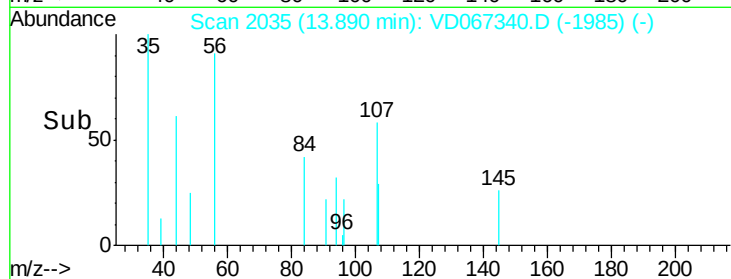
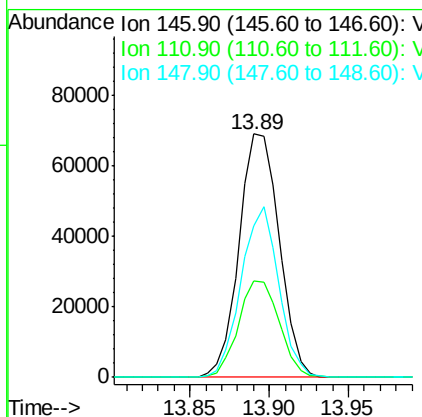
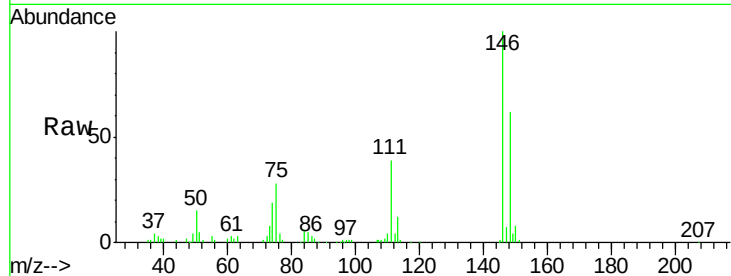
#91
 1,2-Dichlorobenzene
 Concen: 21.553 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	121964		
111	40.3		22.0	66.0
148	65.2		32.5	97.5

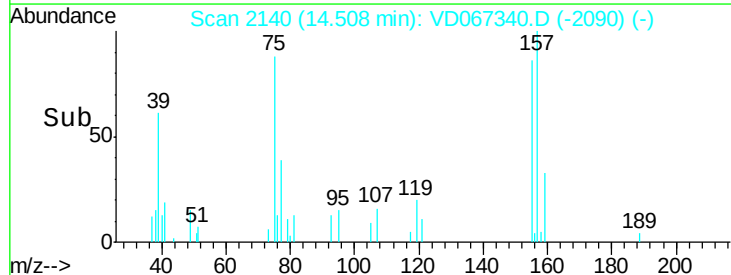
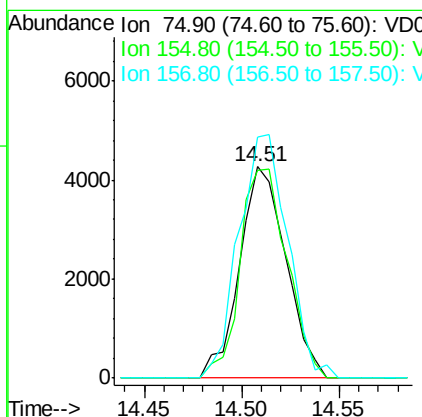
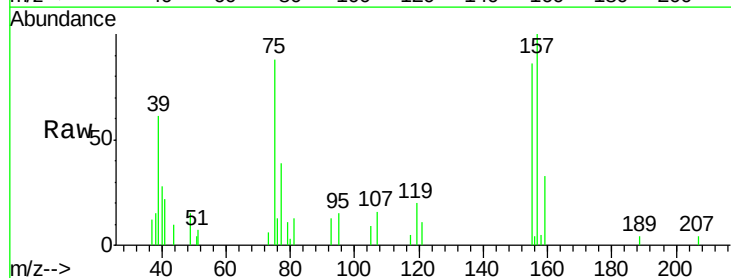
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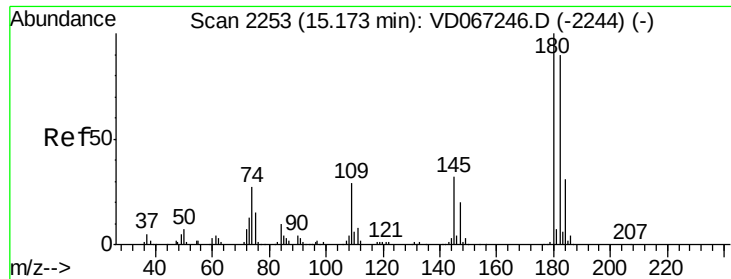
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.770 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7053		
155	100.0		44.8	134.4
157	121.0		62.5	187.4





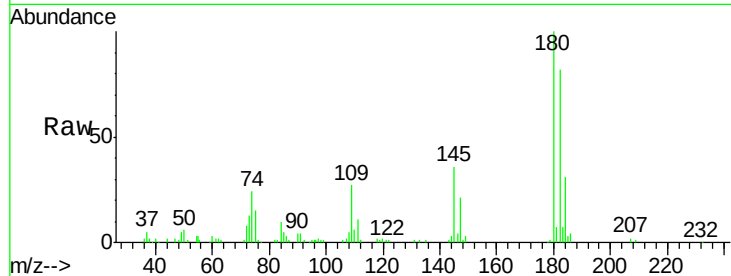
#93
 1,2,4-Trichlorobenzene
 Concen: 22.045 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

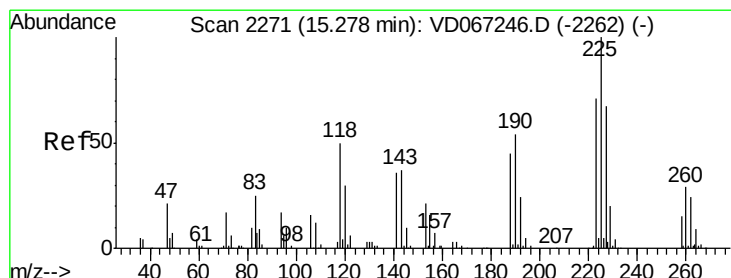
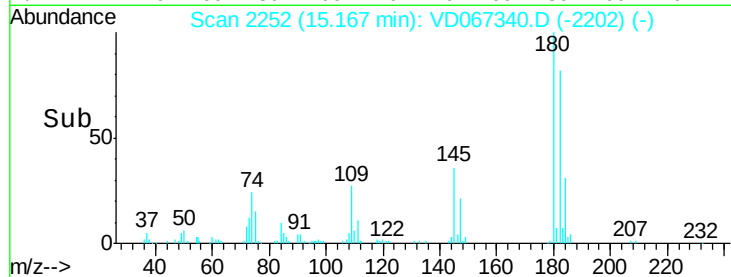
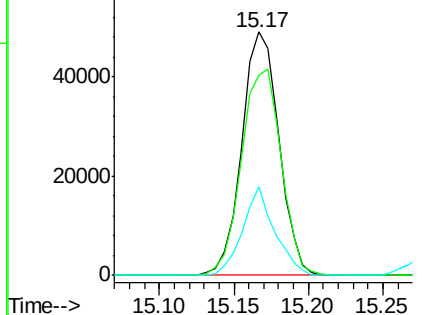
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.9	48.1	144.4
145	31.6	16.3	48.9

Manual Integrations
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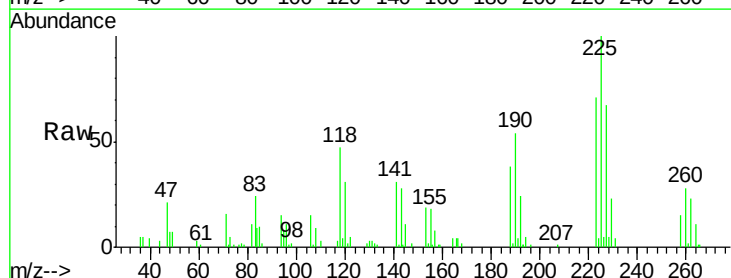


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

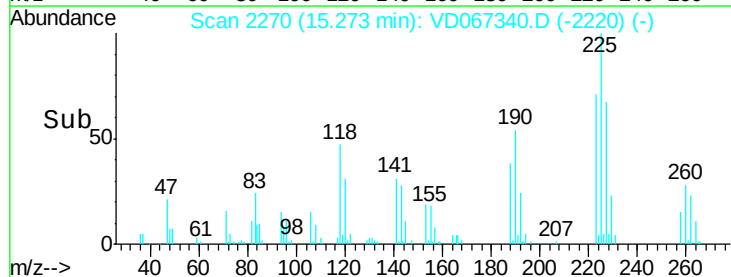
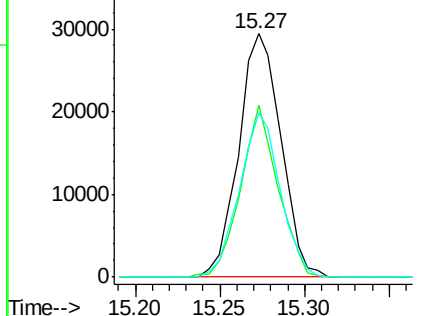


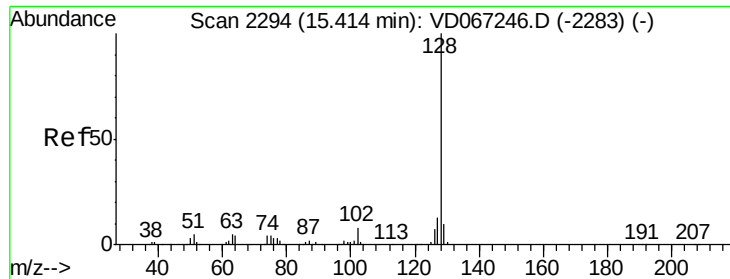
#94
 Hexachlorobutadiene
 Concen: 21.592 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067340.D
 Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.7
227	64.9	31.2	93.6



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





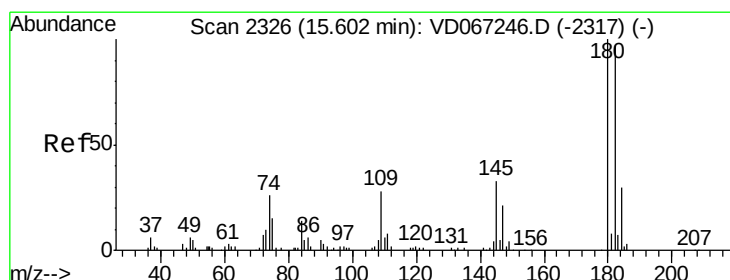
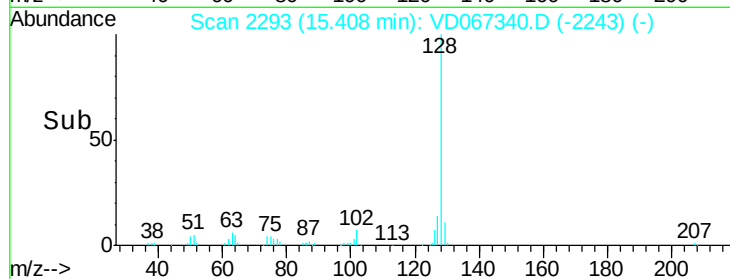
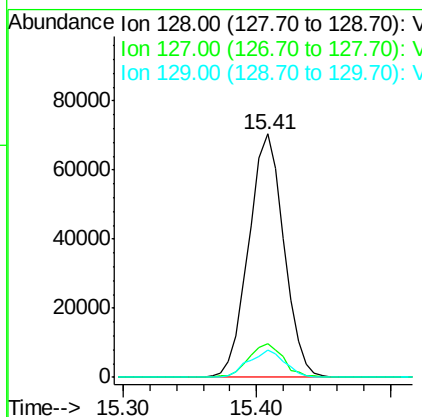
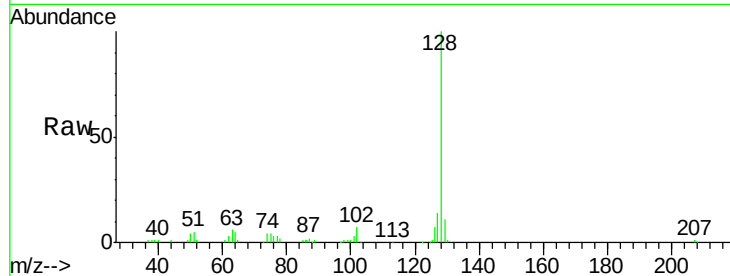
#95
Naphthalene
Concen: 20.459 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128154		
127	13.6		10.4	15.6
129	11.5		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.114 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067340.D
Acq: 21 Oct 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69594		
182	95.4		48.1	144.3
145	34.6		17.3	51.9

