

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067499.D
 Acq On : 02 Nov 2020 18:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:17:41 PM

Quant Time: Nov 03 01:06:55 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	262091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	404435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	369302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	130201	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.92	113	135097	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.34	98	473840	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.64	95	168889	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	86188	40.102	ug/l	99
3) Chloromethane	2.21	50	64600	39.164	ug/l	97
4) Vinyl Chloride	2.35	62	76142	42.072	ug/l	98
5) Bromomethane	2.77	94	67946	54.145	ug/l	92
6) Chloroethane	2.93	64	53920	47.839	ug/l	99
7) Trichlorofluoromethane	3.28	101	221333	48.567	ug/l	97
8) Diethyl Ether	3.71	74	52308	50.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	113899	47.041	ug/l	97
10) Methyl Iodide	4.30	142	124337	55.669	ug/l	97
11) Tert butyl alcohol	5.21	59	27754	192.887	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	100319	46.378	ug/l	97
13) Acrolein	3.92	56	25306	168.946	ug/l	97
14) Allyl chloride	4.71	41	117402	47.394	ug/l	97
15) Acrylonitrile	5.43	53	86835	249.553	ug/l	99
16) Acetone	4.16	43	80948	220.124	ug/l	97
17) Carbon Disulfide	4.41	76	249729	40.498	ug/l	100
18) Methyl Acetate	4.73	43	39718	47.353	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	219034	50.925	ug/l	99
20) Methylene Chloride	4.97	84	125699	53.695	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	122172	49.080	ug/l	99
22) Diisopropyl ether	6.37	45	236436	52.249	ug/l	93
23) Vinyl Acetate	6.31	43	671484	260.827	ug/l	96
24) 1,1-Dichloroethane	6.27	63	201051	51.903	ug/l	99
25) 2-Butanone	7.21	43	100888	240.677	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	201330	50.426	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	144563	52.990	ug/l	99
28) Bromochloromethane	7.55	49	65672	49.705	ug/l #	94
29) Tetrahydrofuran	7.56	42	55123	236.563	ug/l	89
30) Chloroform	7.71	83	252808	54.633	ug/l	87
31) Cyclohexane	7.99	56	129732	42.896	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	239058	52.654	ug/l	98
36) 1,1-Dichloropropene	8.11	75	164970	48.126	ug/l	99
37) Ethyl Acetate	7.30	43	48238	47.830	ug/l #	74
38) Carbon Tetrachloride	8.10	117	220900	50.421	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	165037	46.054	ug/l	99
40) Benzene	8.36	78	480982	51.147	ug/l	98
41) Methacrylonitrile	7.53	41	21081	38.681	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	154144	52.378	ug/l	99
43) Isopropyl Acetate	8.46	43	96376	48.159	ug/l	98
44) Trichloroethene	9.12	130	154497	51.312	ug/l	90
45) 1,2-Dichloropropane	9.39	63	108066	49.584	ug/l	97
46) Dibromomethane	9.48	93	68651	50.557	ug/l	97
47) Bromodichloromethane	9.67	83	192367	52.875	ug/l	100
48) Methyl methacrylate	9.46	41	46845	48.169	ug/l	97
49) 1,4-Dioxane	9.46	88	11832	897.280	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	239921	240.369	ug/l	99
52) Toluene	10.41	92	336249	52.498	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	163883	51.279	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	193838	51.825	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	95893	51.787	ug/l	98
56) Ethyl methacrylate	10.67	69	96902	50.459	ug/l	98
57) 1,3-Dichloropropane	10.95	76	150488	51.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	244846	248.534	ug/l	95
59) 2-Hexanone	10.99	43	166551	244.189	ug/l	99
60) Dibromochloromethane	11.14	129	141434	52.375	ug/l	100
61) 1,2-Dibromoethane	11.25	107	92314	50.569	ug/l	98
64) Tetrachloroethene	10.88	164	131243	49.050	ug/l	94
65) Chlorobenzene	11.68	112	374205	52.841	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	155658	55.304	ug/l	98
67) Ethyl Benzene	11.75	91	649860	53.533	ug/l	99
68) m/p-Xylenes	11.86	106	500185	106.998	ug/l	99
69) o-Xylene	12.18	106	232483	53.706	ug/l	96
70) Styrene	12.20	104	412058	55.296	ug/l	100
71) Bromoform	12.37	173	77362	51.163	ug/l #	97
73) Isopropylbenzene	12.48	105	653841	53.852	ug/l	100
74) N-amyl acetate	12.30	43	84132	45.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	90777	48.795	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	68961m	52.010	ug/l	
77) Bromobenzene	12.77	156	160963	53.176	ug/l	98
78) n-propylbenzene	12.83	91	731996	52.035	ug/l	99
79) 2-Chlorotoluene	12.91	91	426912	52.330	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	567796	53.815	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	29264	50.050	ug/l	95
82) 4-Chlorotoluene	13.01	91	455463	52.603	ug/l	100
83) tert-Butylbenzene	13.23	119	481778	54.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	569785	54.639	ug/l	99
85) sec-Butylbenzene	13.41	105	637221	52.106	ug/l	100
86) p-Isopropyltoluene	13.52	119	605625	52.468	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	300977	51.659	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	305416	52.910	ug/l	99
89) n-Butylbenzene	13.85	91	528977	52.092	ug/l	99
90) Hexachloroethane	14.12	117	101789	50.534	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	267734	52.602	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15938	47.158	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182172	53.086	ug/l	97
94) Hexachlorobutadiene	15.28	225	111654	52.395	ug/l	98
95) Naphthalene	15.41	128	294500	52.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	154546	52.130	ug/l	98

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

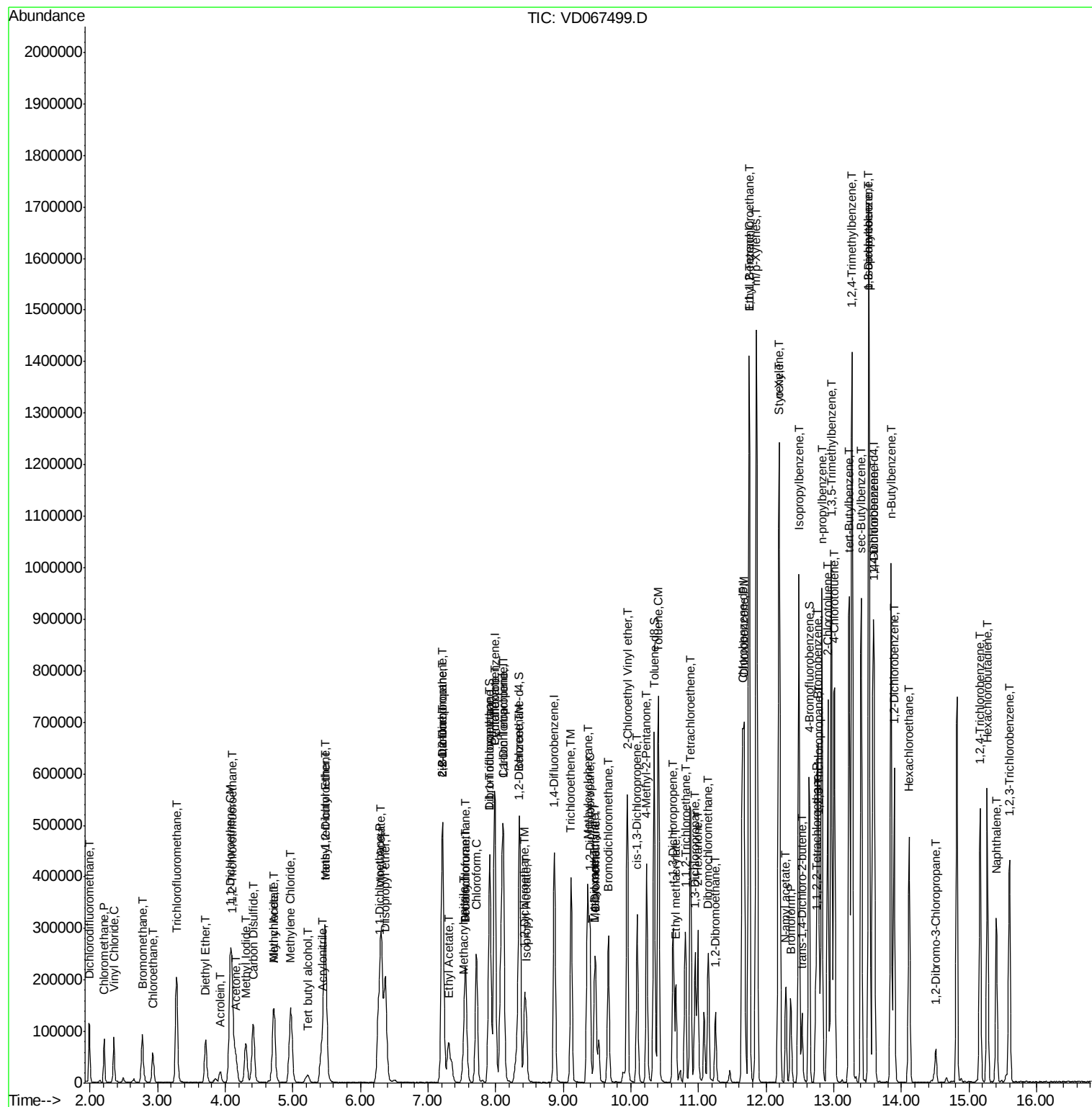
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110220\
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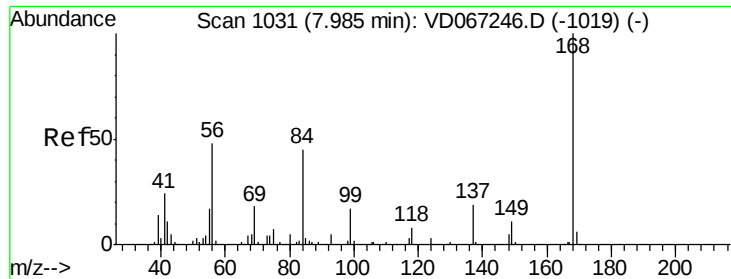
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 262091

Ion Ratio Lower Upper

168 100

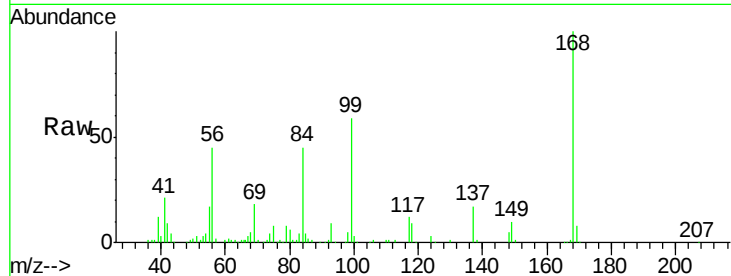
99 58.7 45.9 68.9

Manual Integrations

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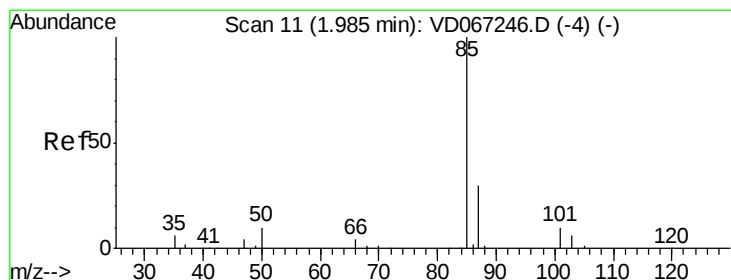
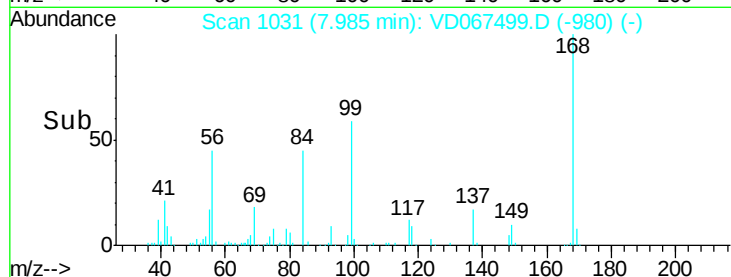
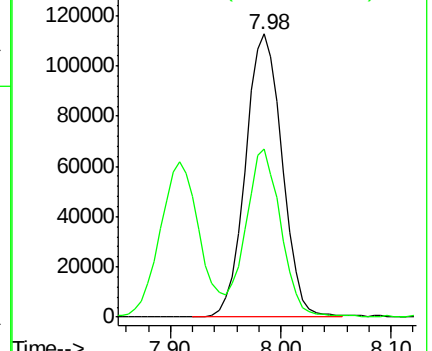
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 40.102 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067499.D

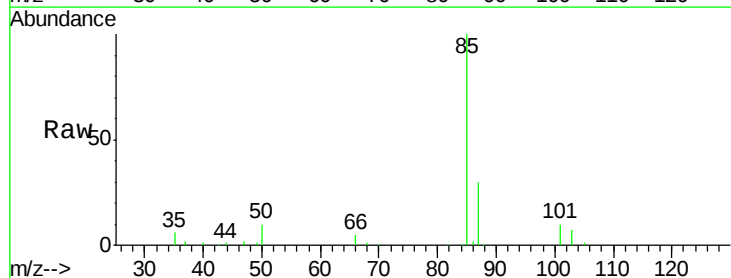
Acq: 02 Nov 2020 18:41

Tgt Ion: 85 Resp: 86188

Ion Ratio Lower Upper

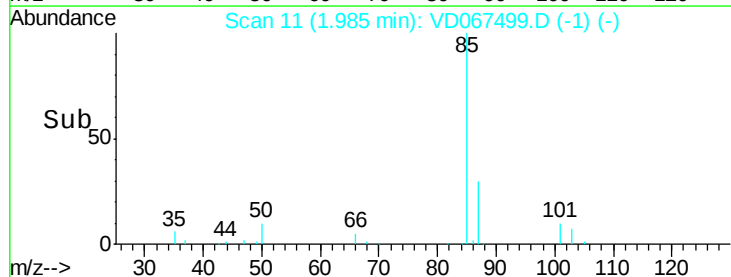
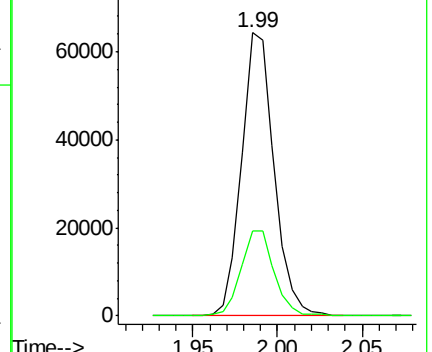
85 100

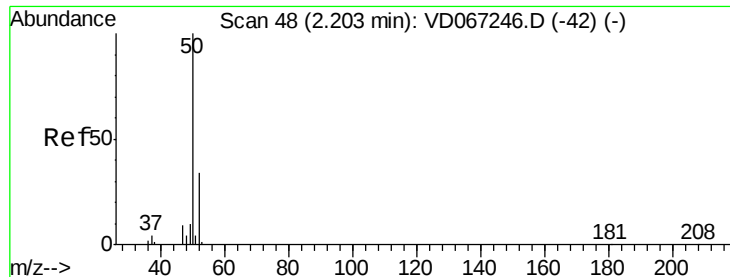
87 30.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.164 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 64600

Ion Ratio Lower Upper

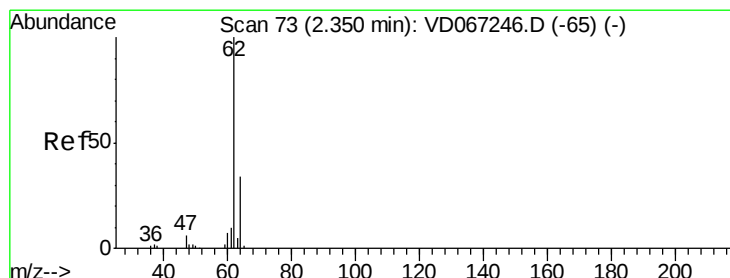
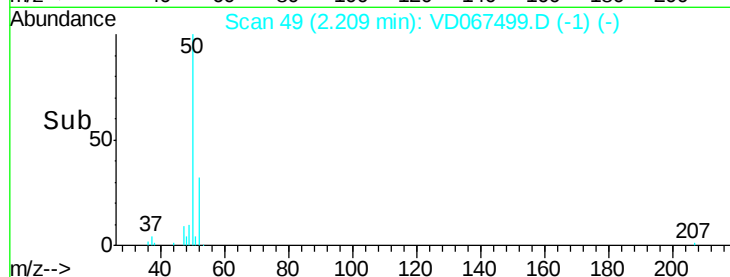
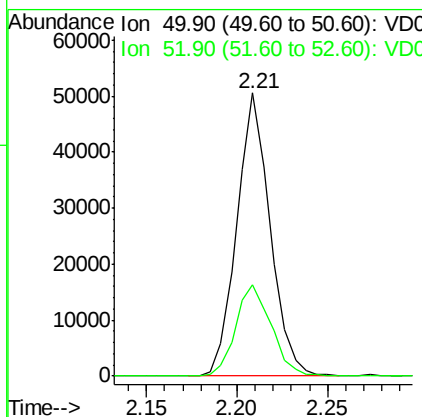
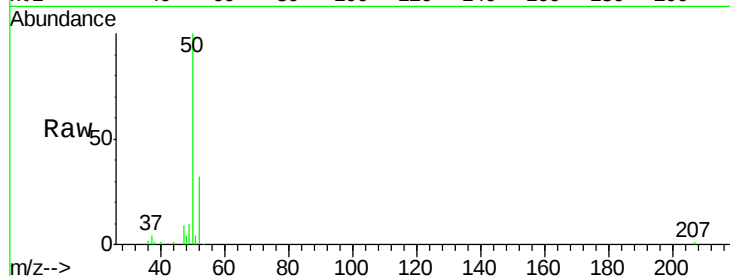
50 100

52 32.1 27.1 40.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.072 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067499.D

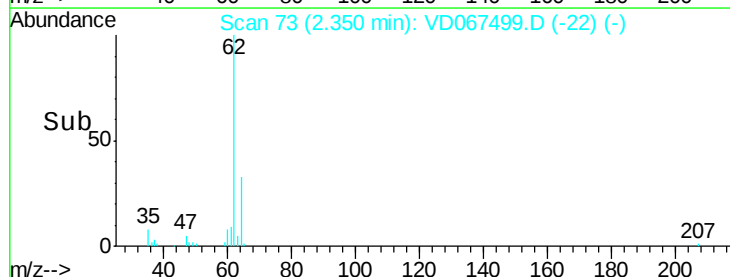
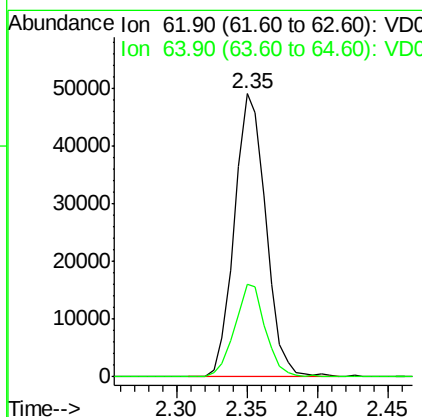
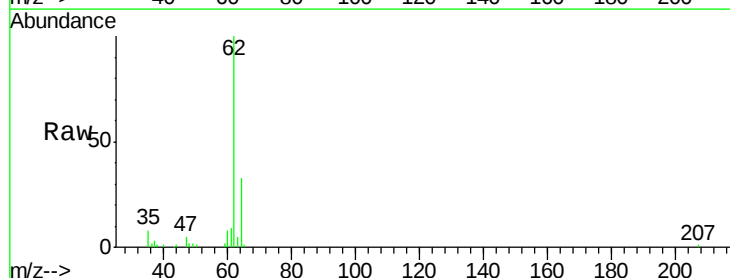
Acq: 02 Nov 2020 18:41

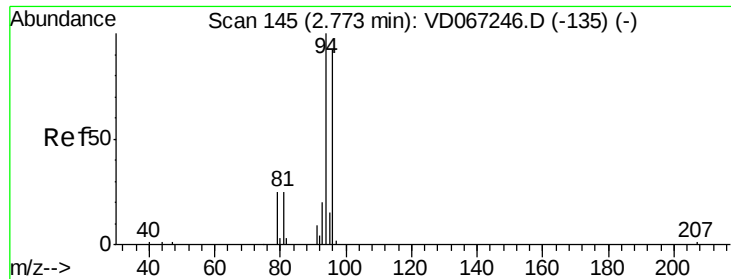
Tgt Ion: 62 Resp: 76142

Ion Ratio Lower Upper

62 100

64 32.9 27.4 41.0





#5

Bromomethane

Concen: 54.145 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 67946

Ion Ratio Lower Upper

94 100

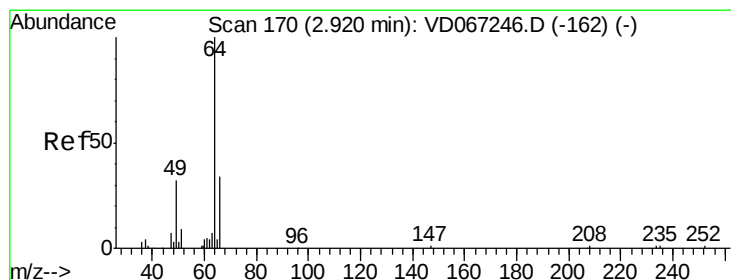
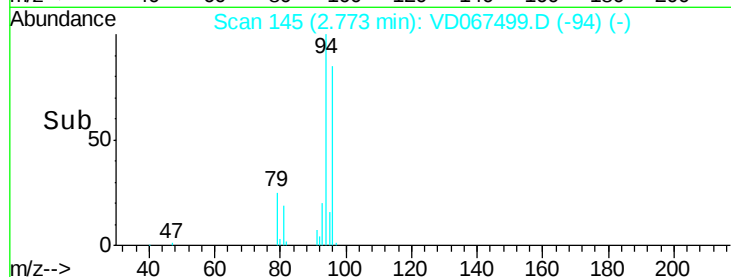
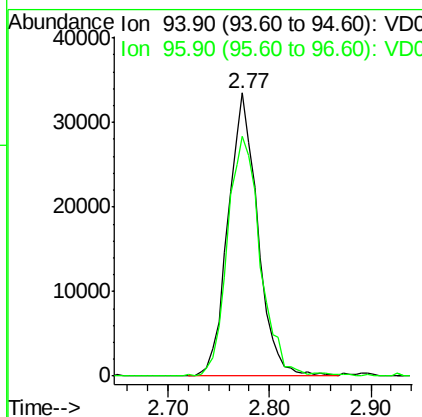
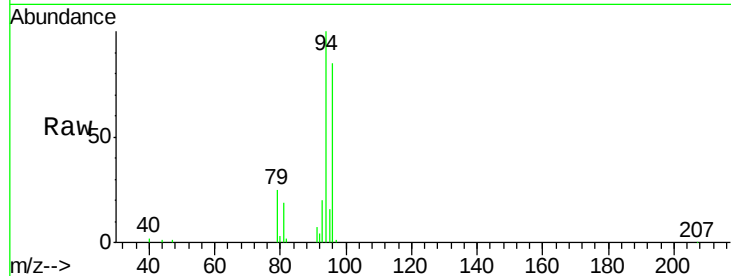
96 84.3 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 47.839 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067499.D

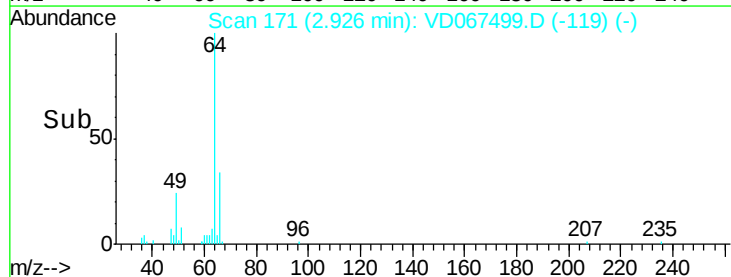
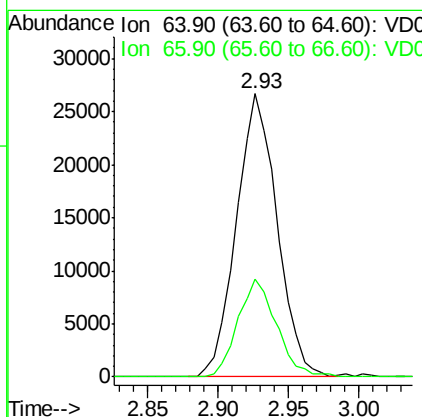
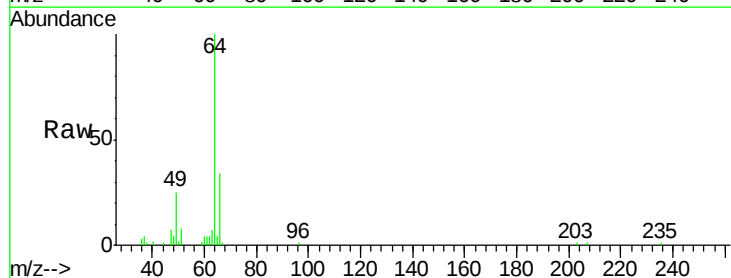
Acq: 02 Nov 2020 18:41

Tgt Ion: 64 Resp: 53920

Ion Ratio Lower Upper

64 100

66 34.5 27.4 41.0





#7

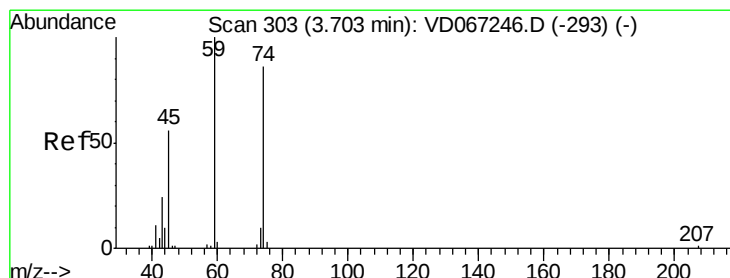
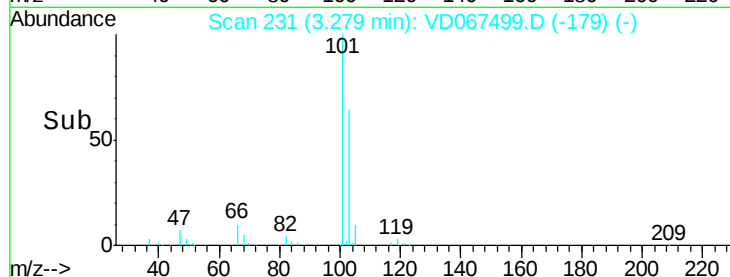
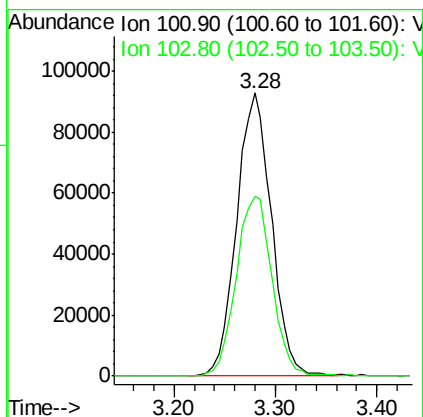
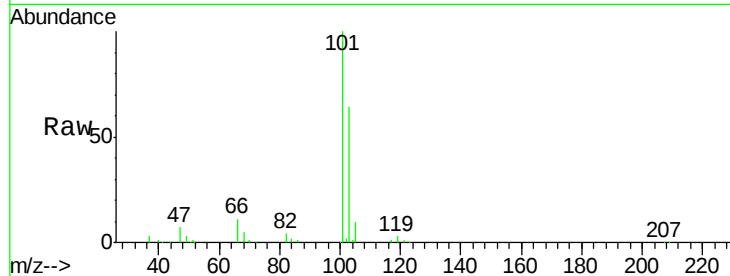
Trichlorofluoromethane
 Concen: 48.567 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.1	79.7

Manual Integrations
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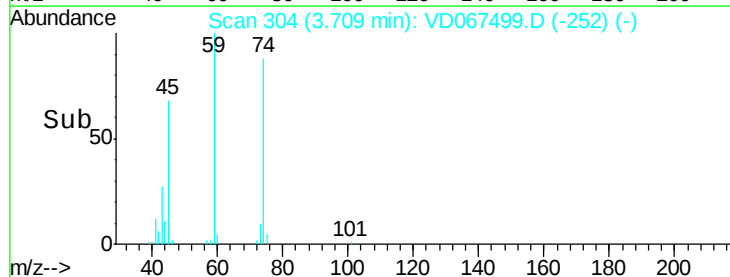
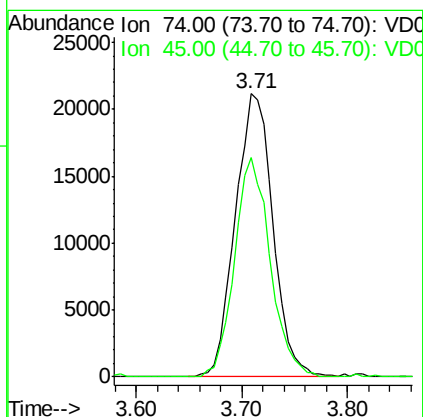
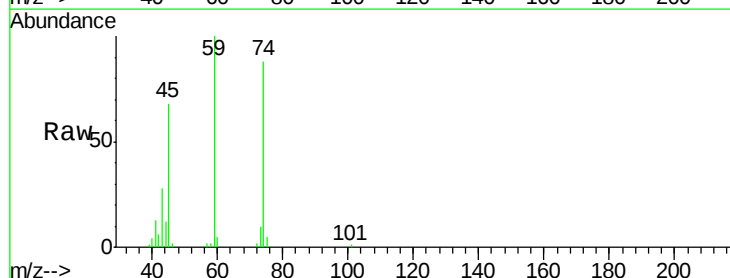
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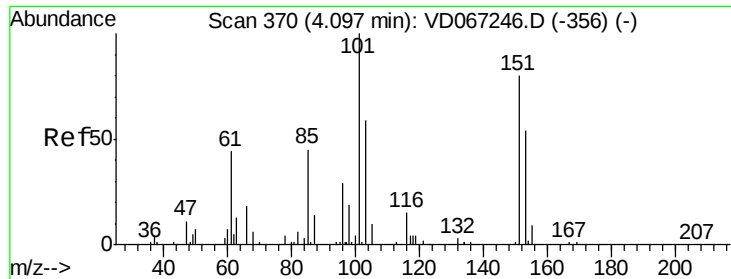


#8

Diethyl Ether
 Concen: 50.160 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.2	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.041 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

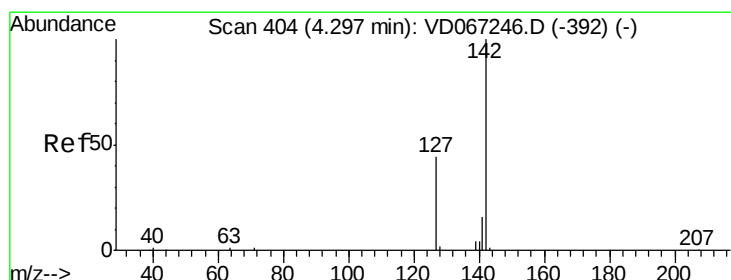
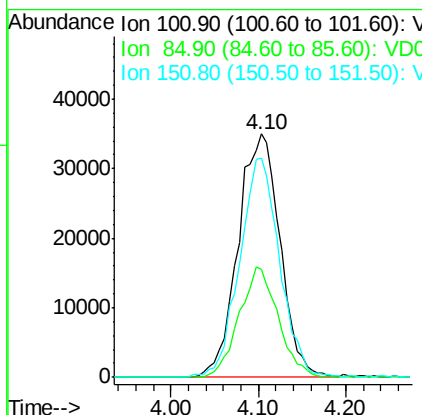
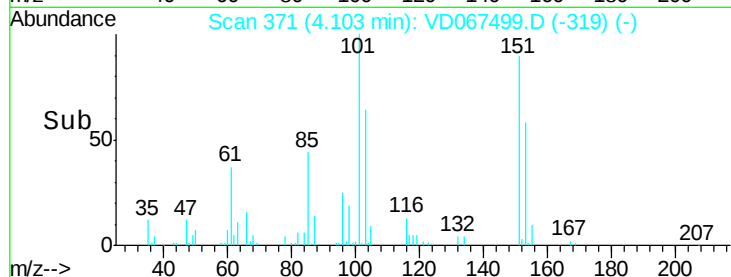
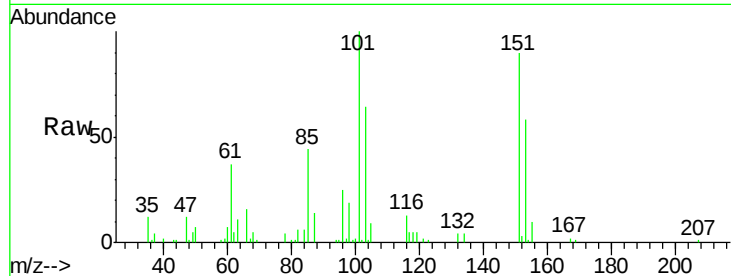
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	113899
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.4
151	86.1	66.3	99.5

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#10

Methyl Iodide

Concen: 55.669 ug/l

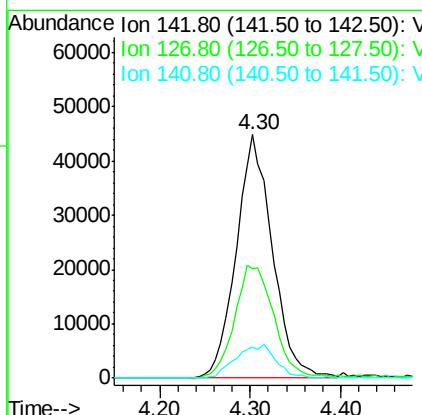
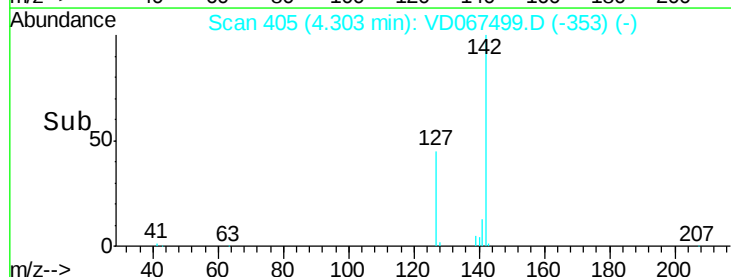
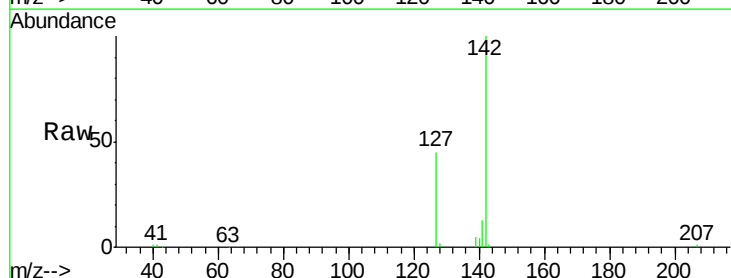
RT: 4.30 min Scan# 405

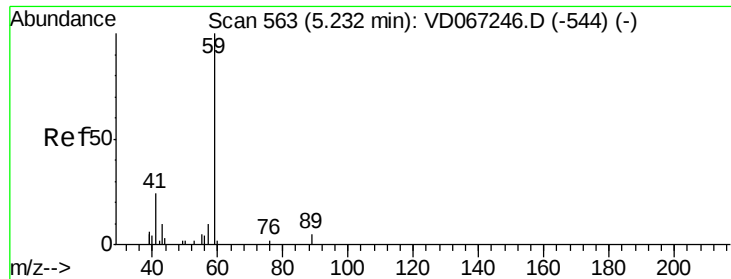
Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	142	Resp:	124337
Ion Ratio	Lower	Upper	
142	100		
127	50.2	38.4	57.6
141	15.2	11.6	17.4





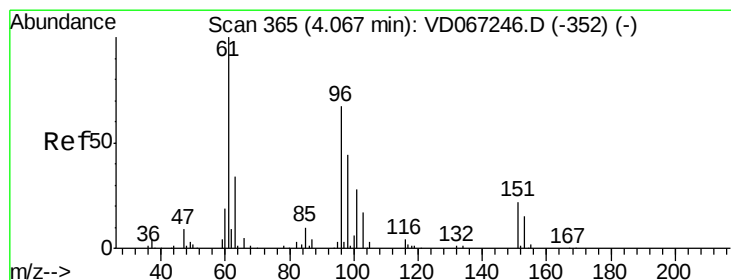
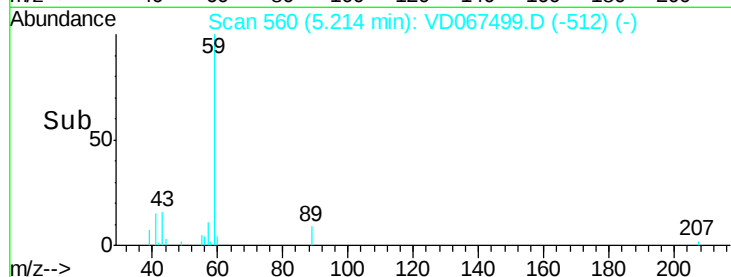
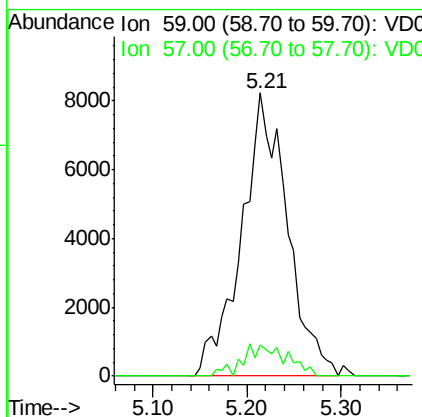
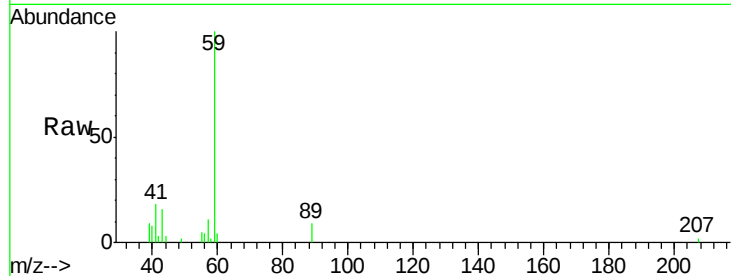
#11
Tert butyl alcohol
Concen: 192.887 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 27754
Ion Ratio Lower Upper
59 100
57 9.9 5.1 7.7#

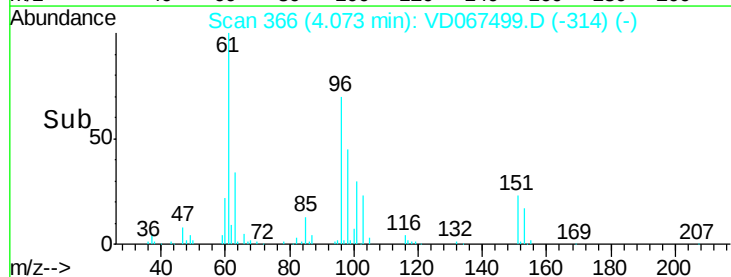
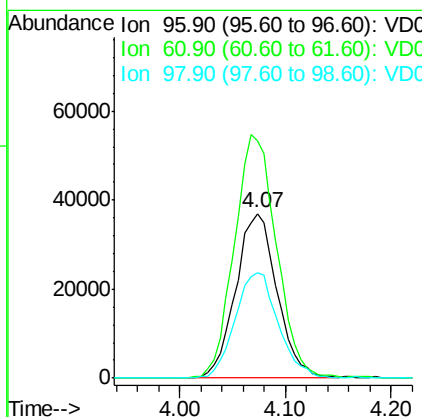
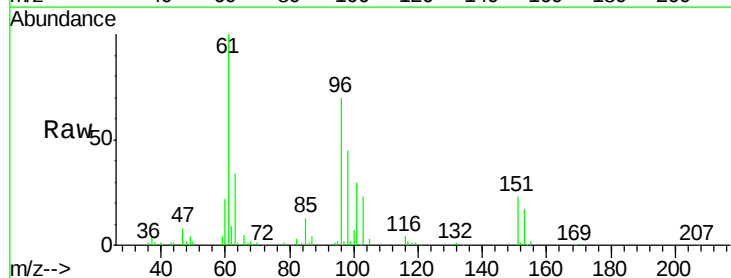
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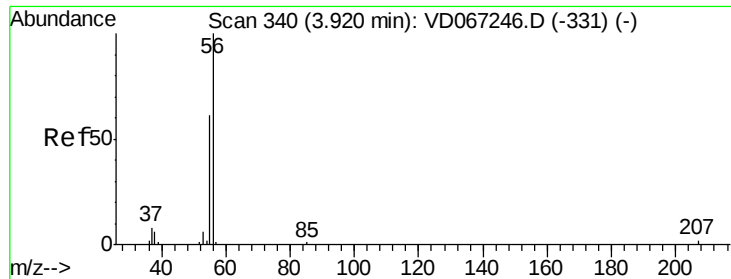
MMDadoda
11/3/2020 2:17:41 PM



#12
1,1-Dichloroethene
Concen: 46.378 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion: 96 Resp: 100319
Ion Ratio Lower Upper
96 100
61 143.8 118.6 177.8
98 64.1 51.8 77.6





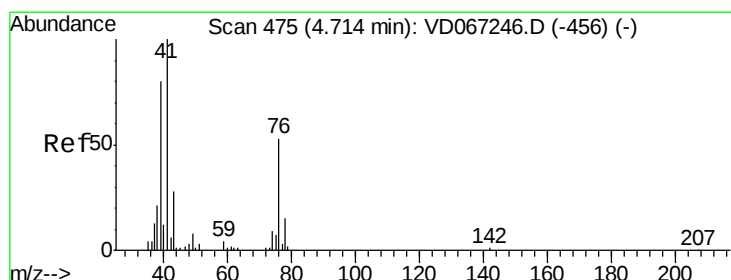
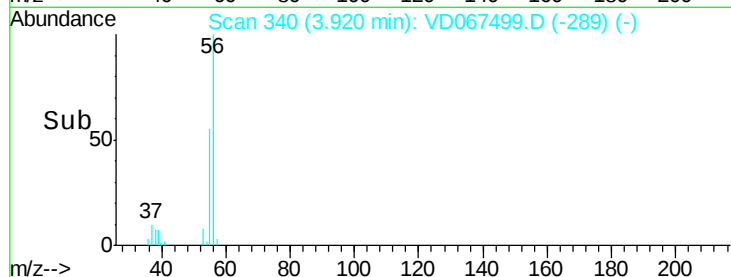
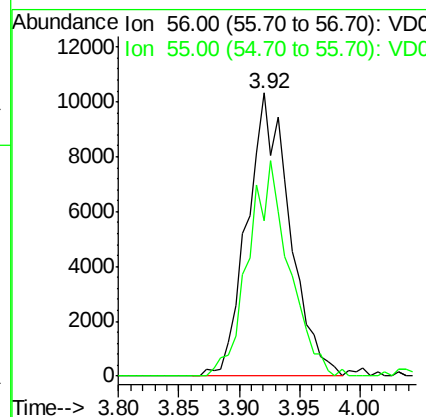
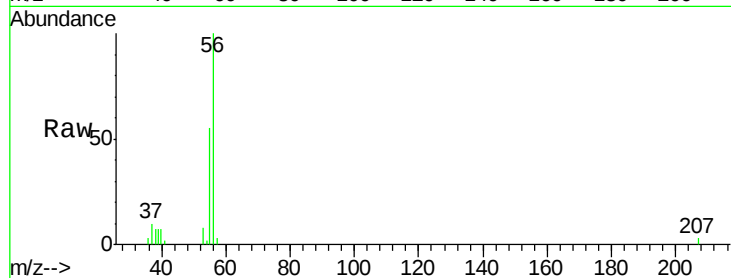
#13
 Acrolein
 Concen: 168.946 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.0	84.0

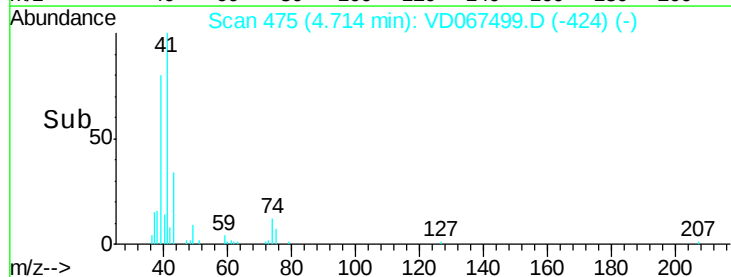
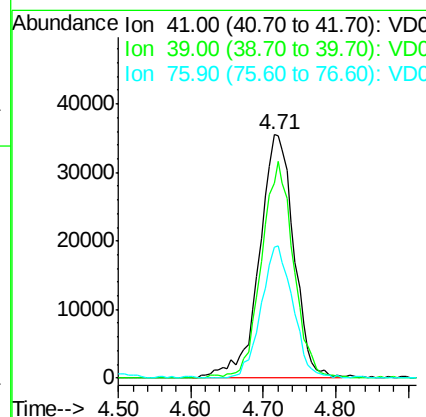
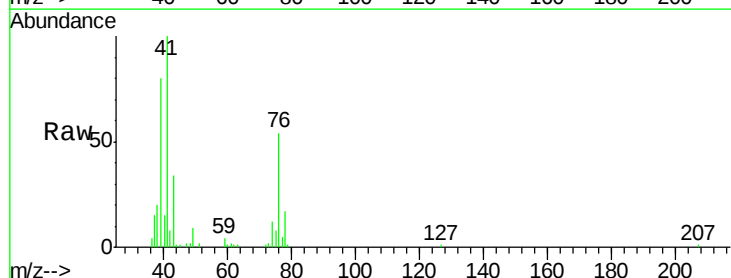
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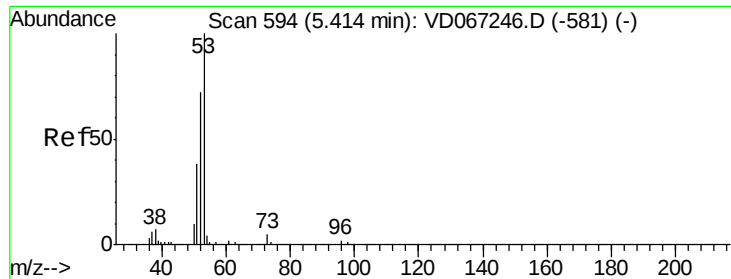
MMDadoda
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#14
 Allyl chloride
 Concen: 47.394 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
41	100		
39	82.8	63.8	95.6
76	49.8	40.4	60.6





#15

Acrylonitrile

Concen: 249.553 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

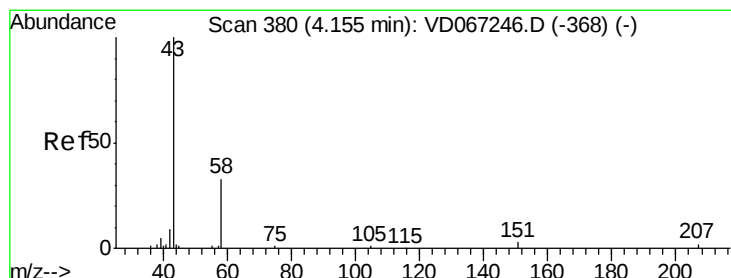
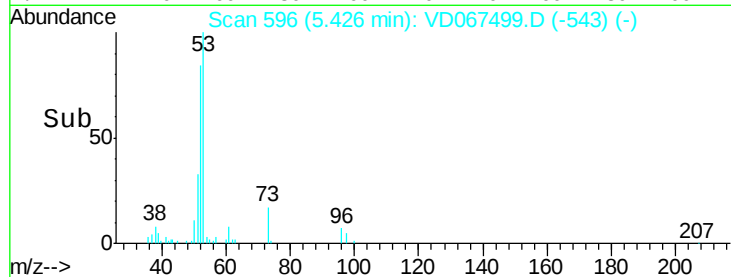
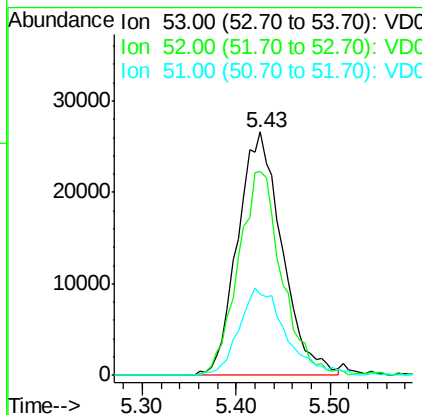
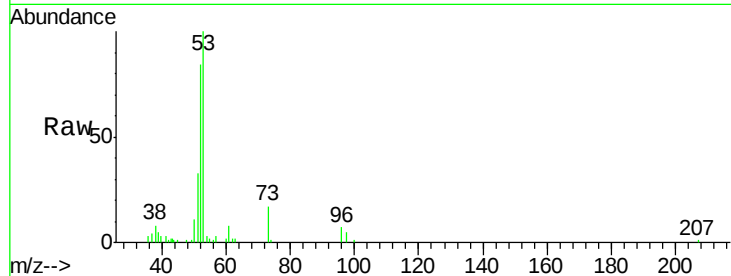
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	86835
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.6	98.4
51	37.9	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 220.124 ug/l

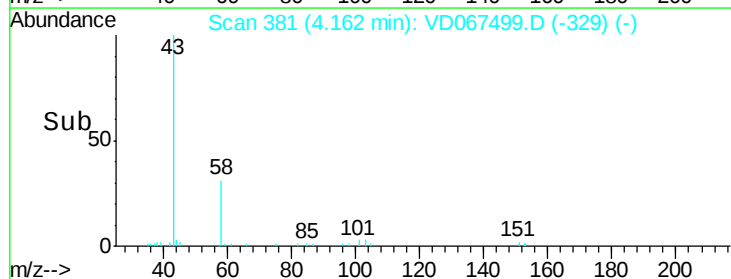
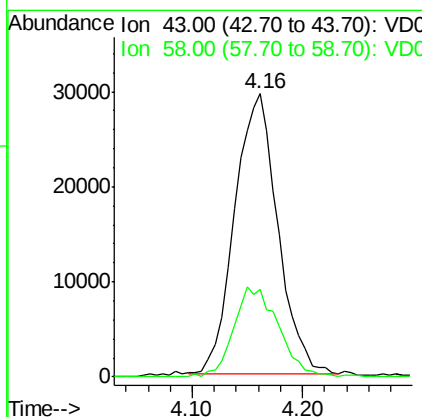
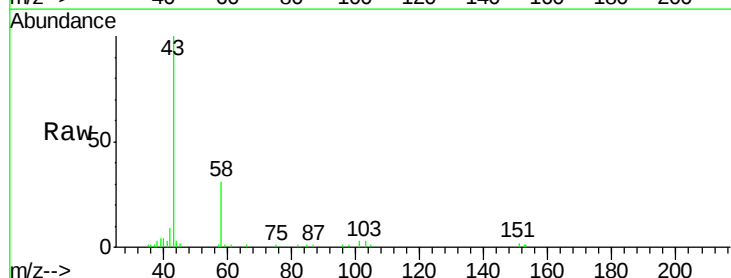
RT: 4.16 min Scan# 381

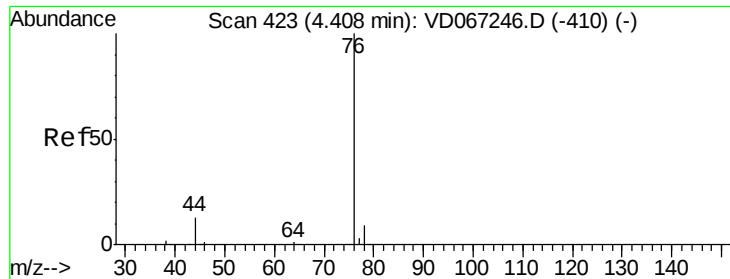
Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	43	Resp:	80948
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.1	39.1





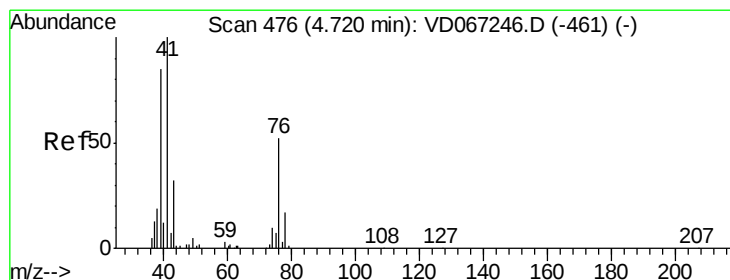
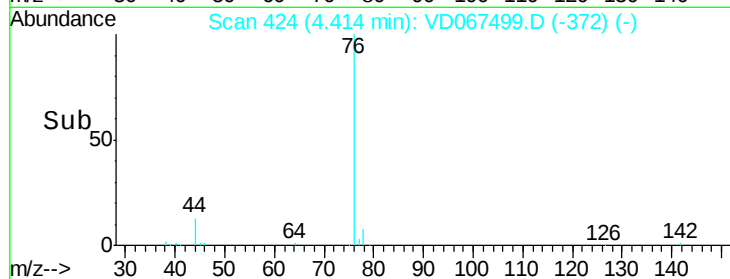
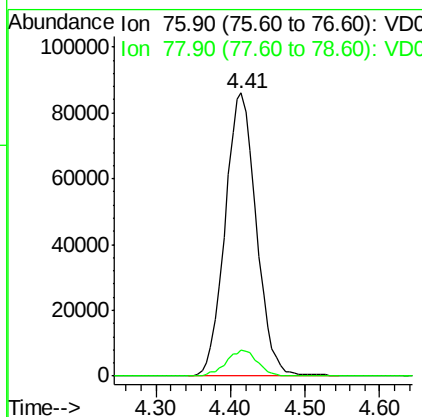
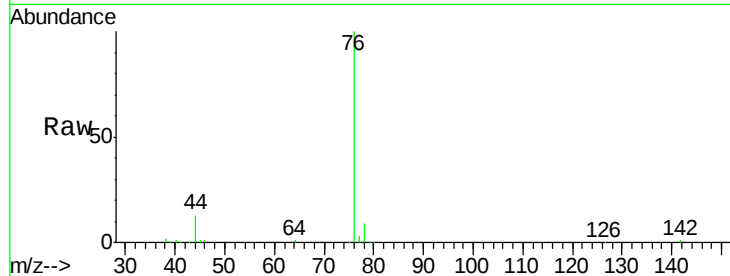
#17
Carbon Disulfide
Concen: 40.498 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 249729
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

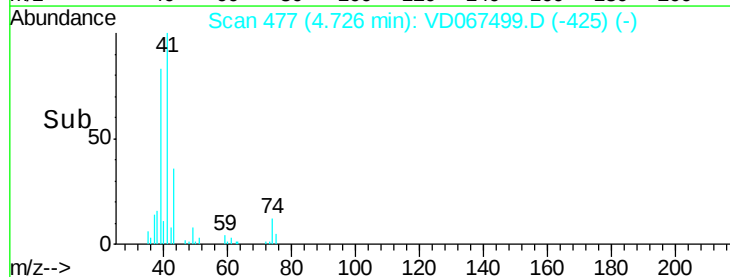
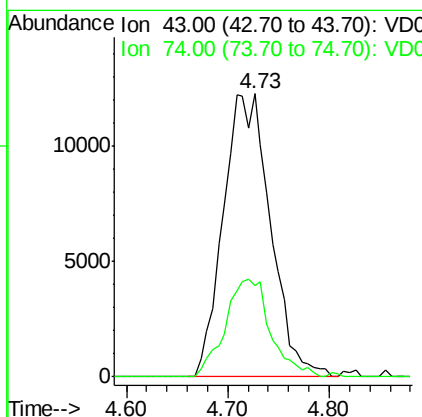
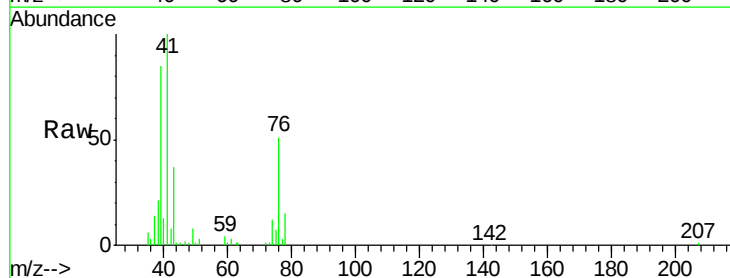
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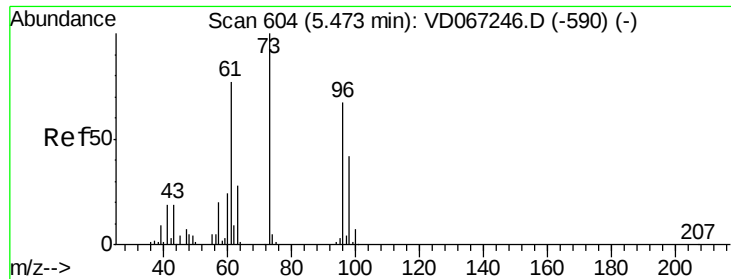
MMDadoda
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#18
Methyl Acetate
Concen: 47.353 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion: 43 Resp: 39718
Ion Ratio Lower Upper
43 100
74 33.0 26.6 39.8





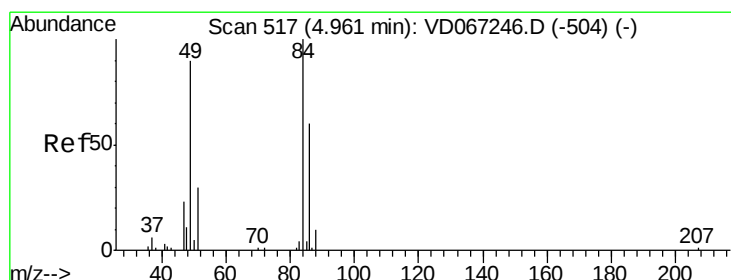
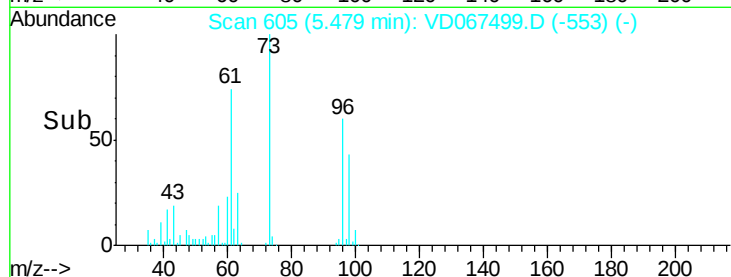
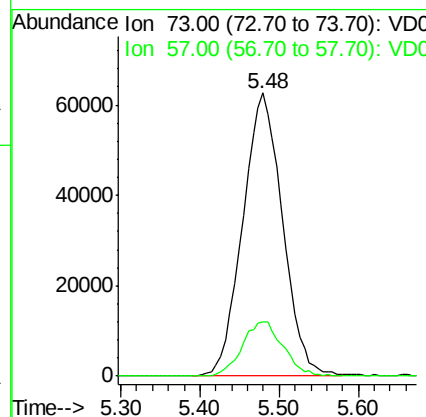
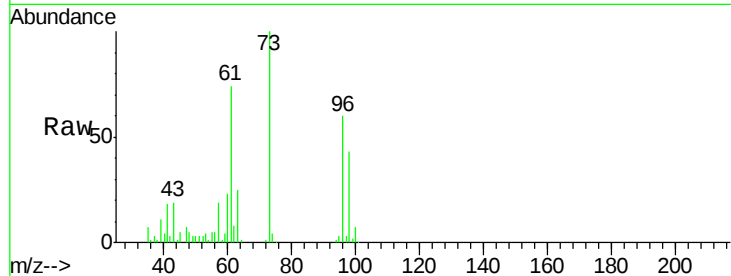
#19
Methyl tert-butyl Ether
Concen: 50.925 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 219034
Ion Ratio Lower Upper
73 100
57 19.0 15.7 23.5

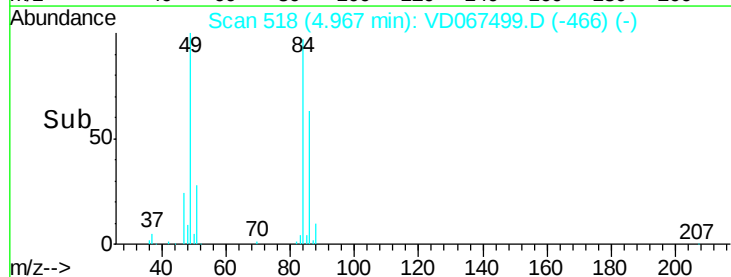
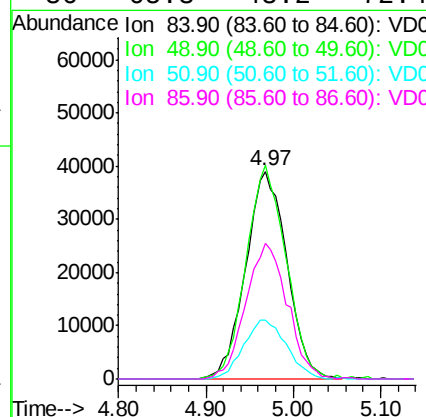
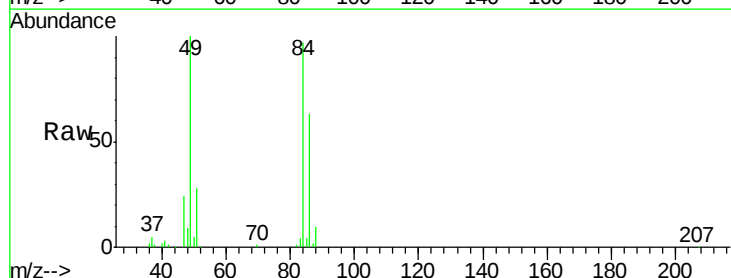
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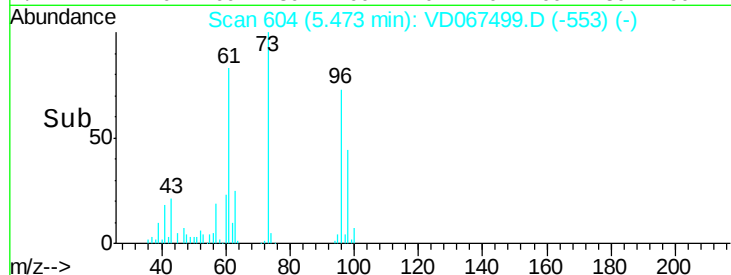
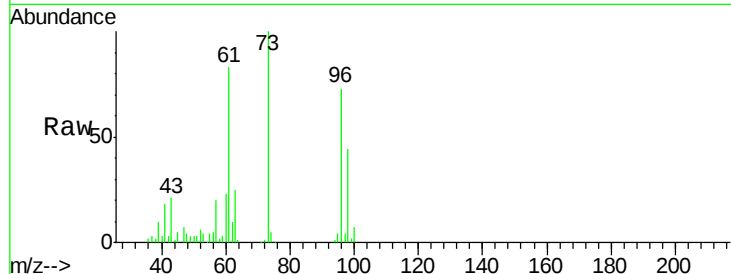
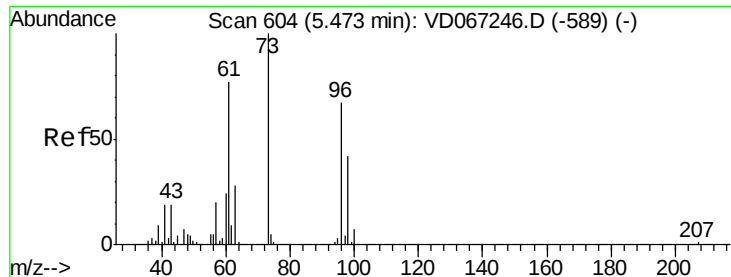
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#20
Methylene Chloride
Concen: 53.695 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion: 84 Resp: 125699
Ion Ratio Lower Upper
84 100
49 102.9 72.2 108.2
51 28.3 23.8 35.8
86 65.3 48.2 72.4





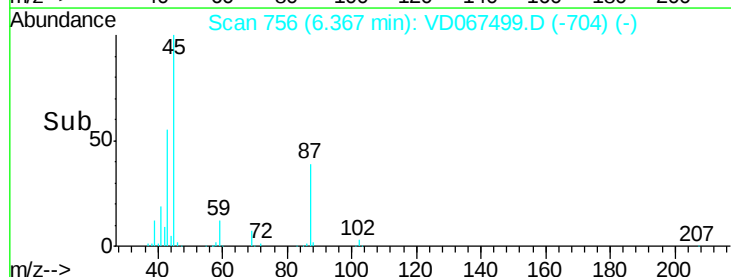
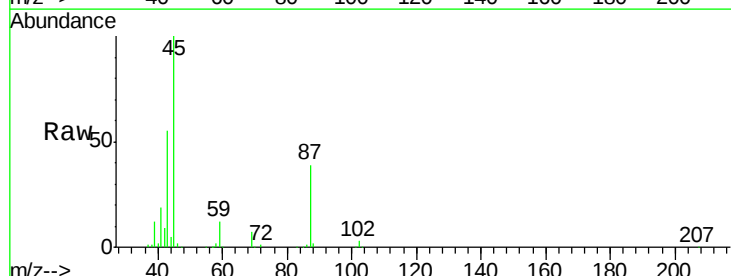
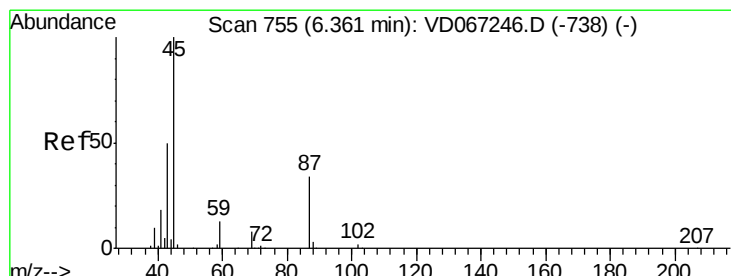
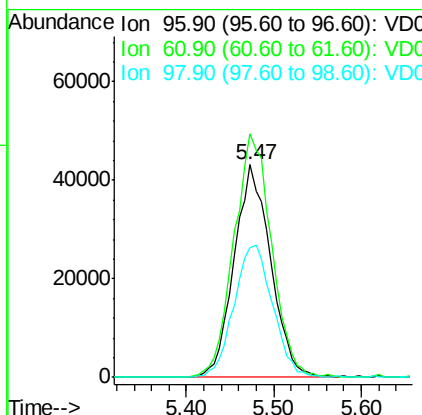
#21
trans-1,2-Dichloroethene
Concen: 49.080 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.7	92.0	138.0
98	60.8	49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

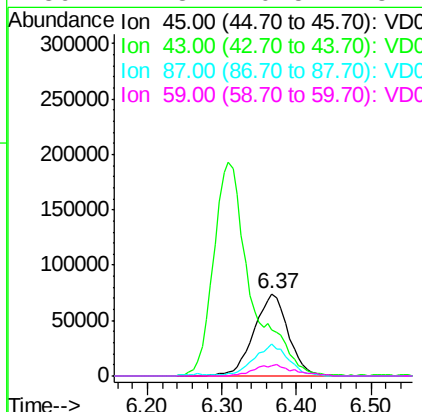
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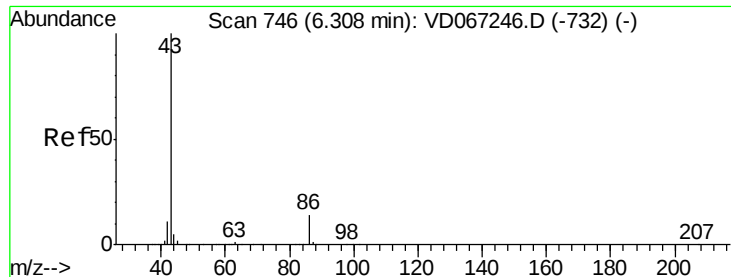
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11/3/2020 2:17:41 PM



#22
Diisopropyl ether
Concen: 52.249 ug/l
RT: 6.37 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.0	48.0	72.0
87	39.2	28.5	42.7
59	11.8	10.5	15.7





#23

Vinyl Acetate

Concen: 260.827 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 671484

Ion Ratio Lower Upper

43 100

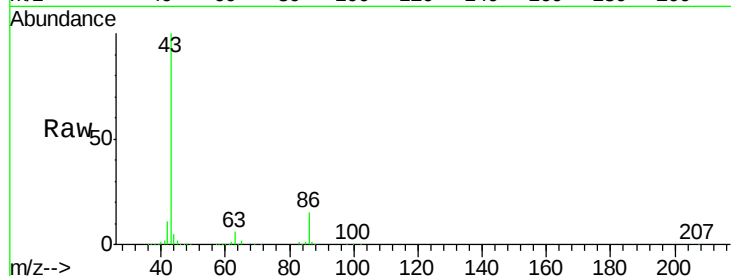
86 15.3 11.0 16.6

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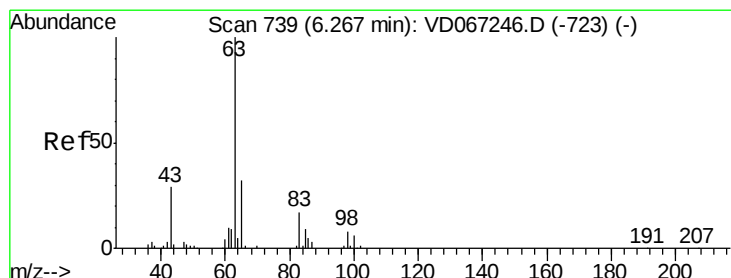
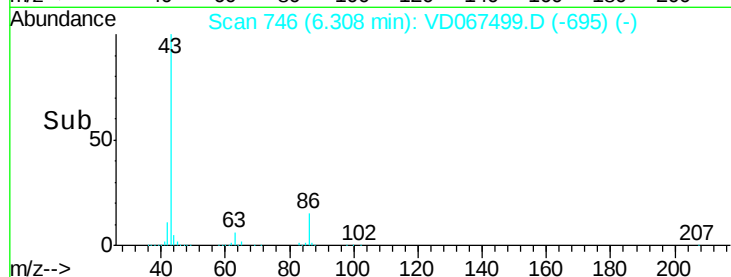
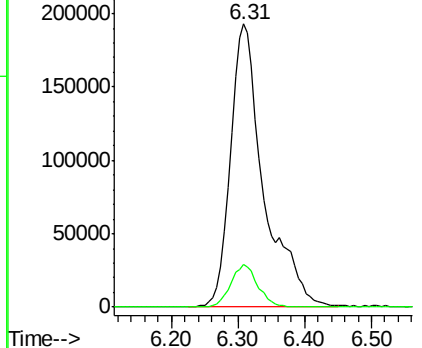
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.903 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

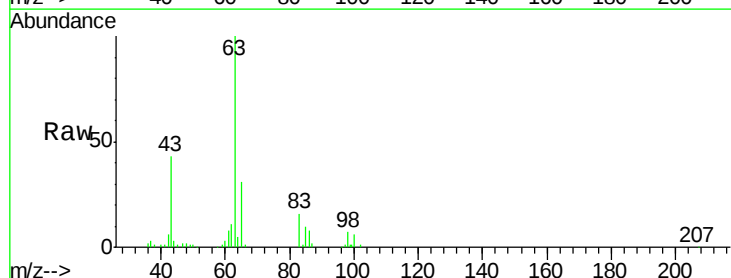
Tgt Ion: 63 Resp: 201051

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

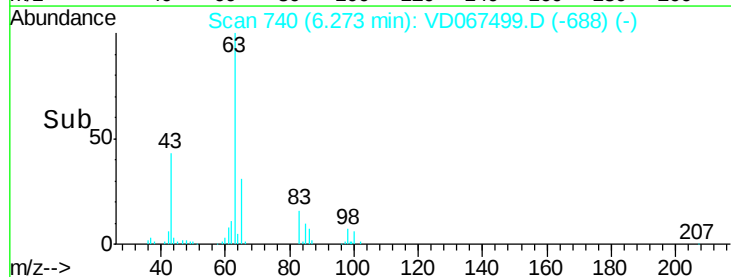
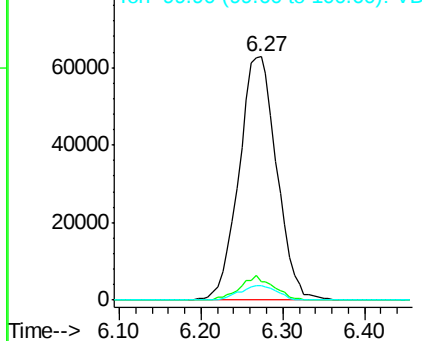
100 5.7 2.8 8.4

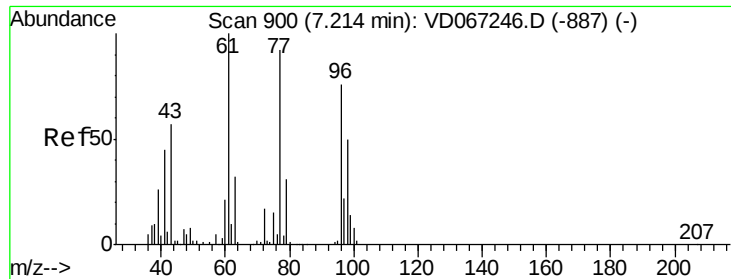


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 240.677 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 100888

Ion Ratio Lower Upper

43 100

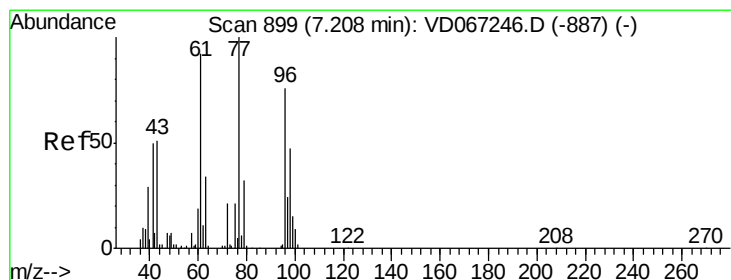
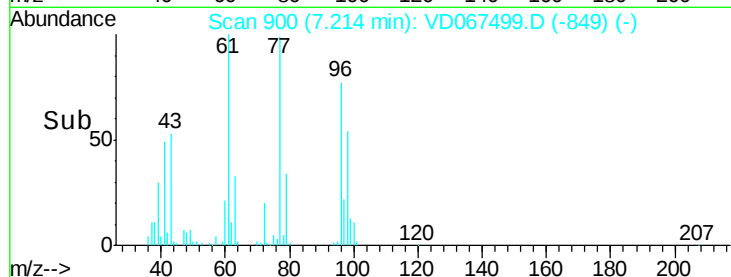
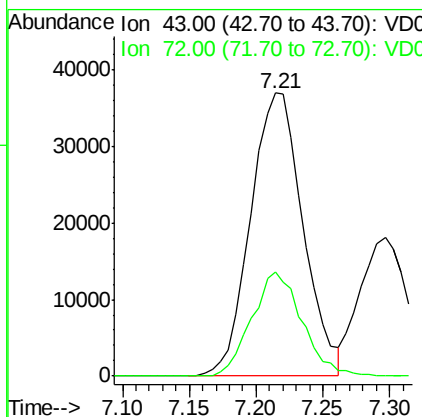
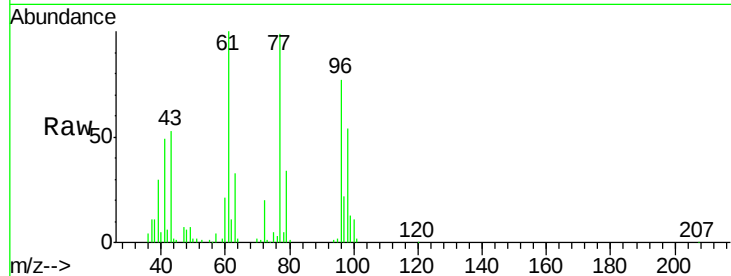
72 37.0 23.7 35.5#

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#26

2,2-Dichloropropane

Concen: 50.426 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067499.D

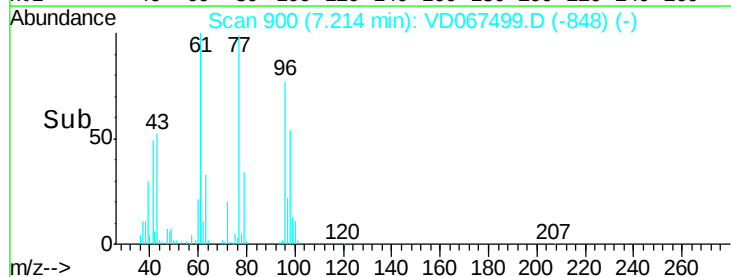
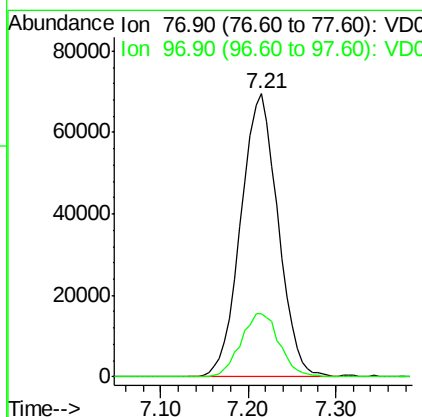
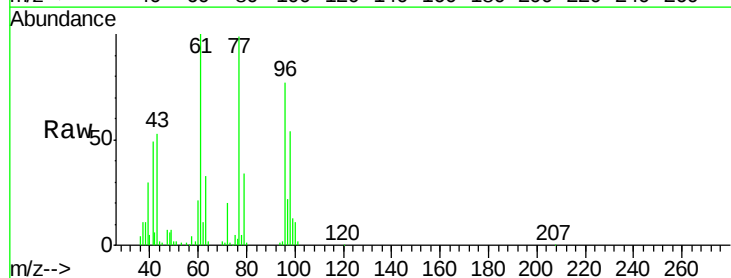
Acq: 02 Nov 2020 18:41

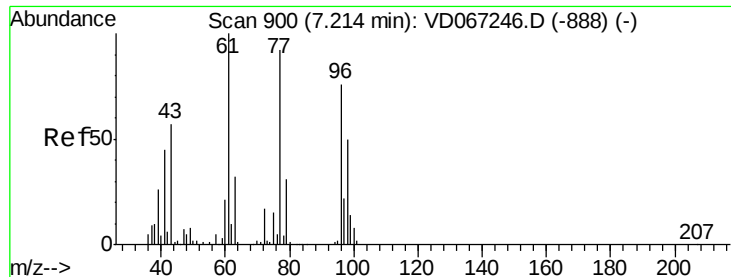
Tgt Ion: 77 Resp: 201330

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

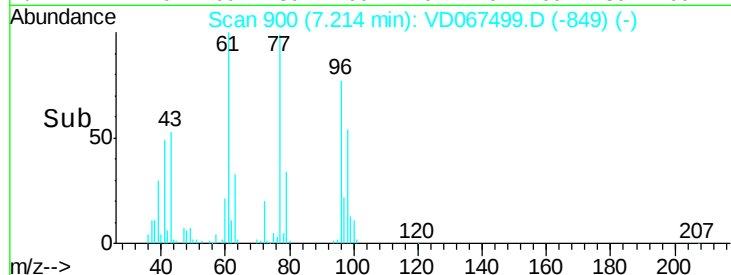
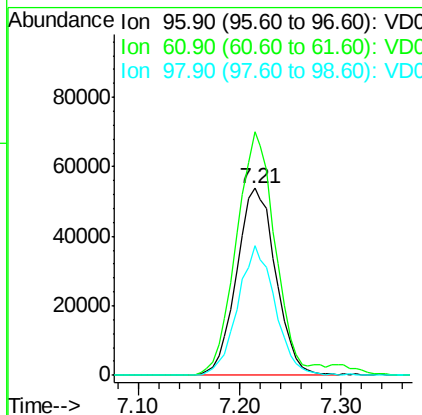
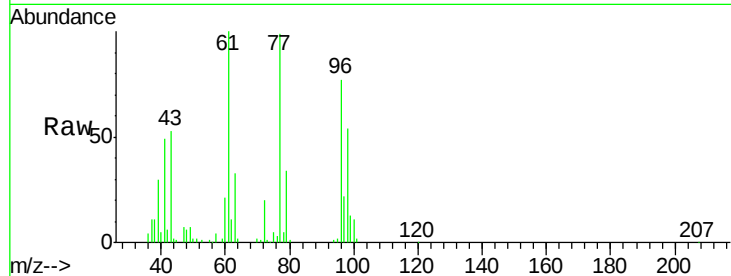
cis-1,2-Dichloroethene
Concen: 52.990 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.9	0.0	255.4	
98	66.3	0.0	128.0	

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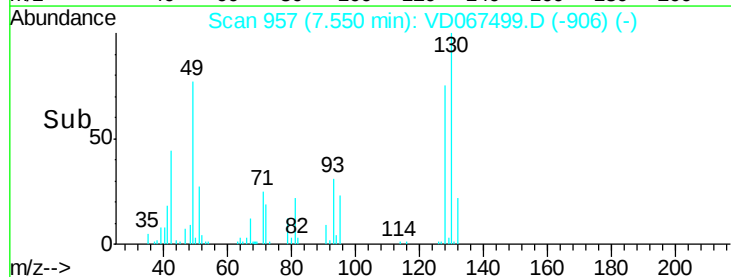
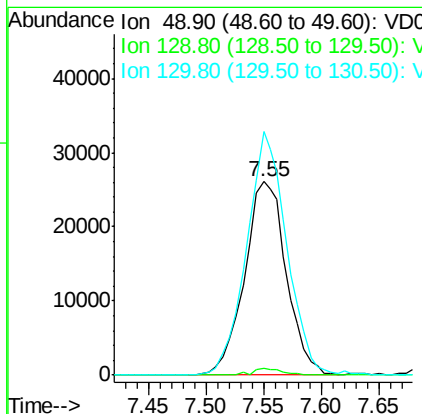
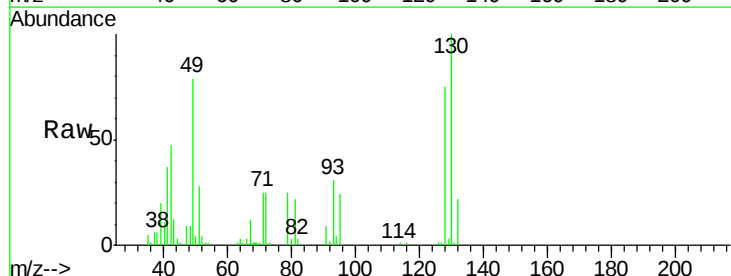
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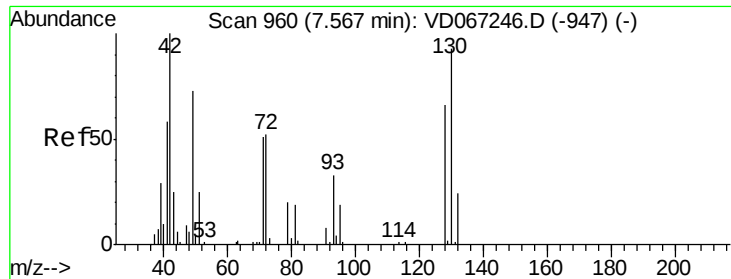


#28

Bromochloromethane
Concen: 49.705 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	1.6#	
130	120.5	91.0	136.6	





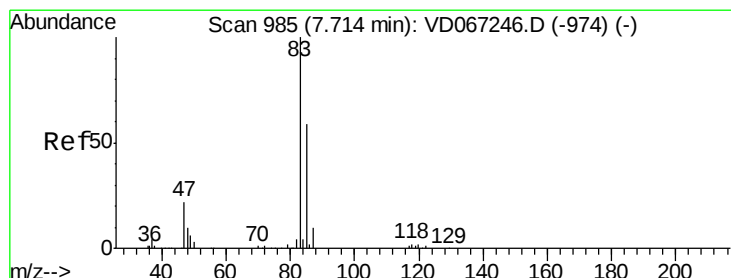
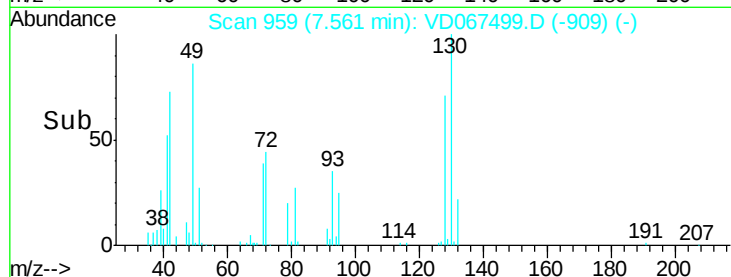
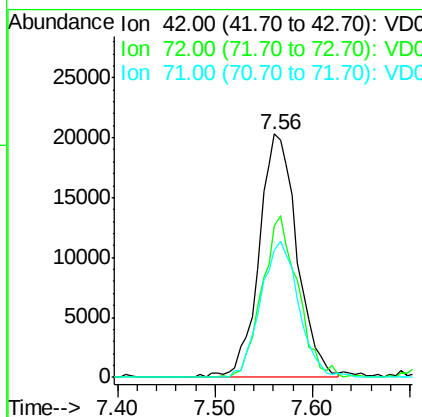
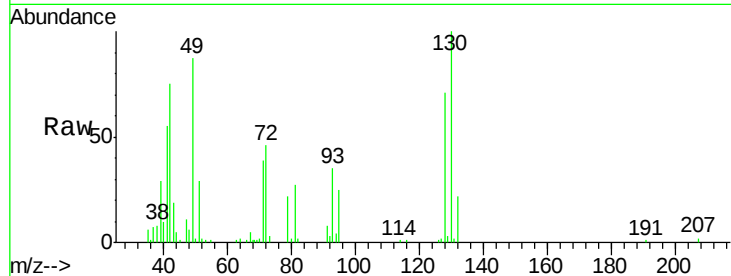
#29
Tetrahydrofuran
Concen: 236.563 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	62.6	43.2	64.8
71	56.1	39.4	59.0

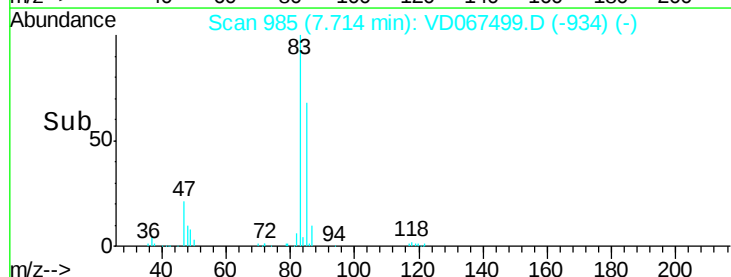
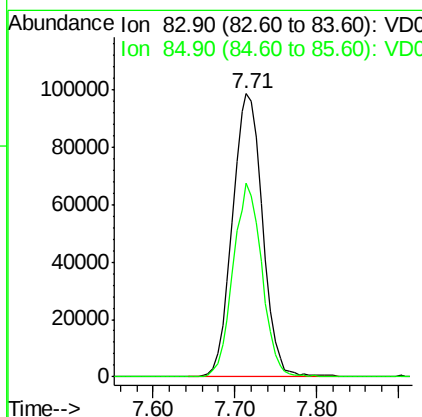
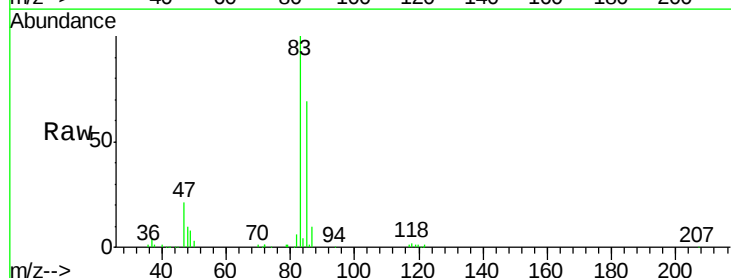
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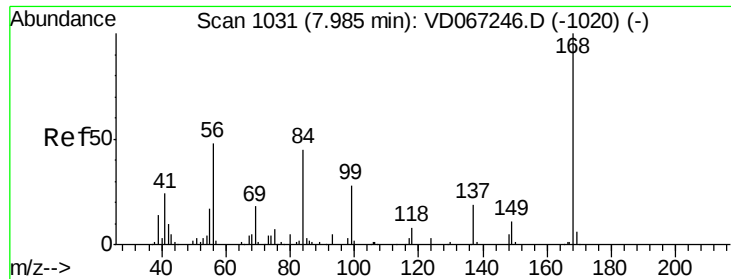
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#30
Chloroform
Concen: 54.633 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	47.3	70.9





#31

Cvclohexane

Concen: 42.896 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

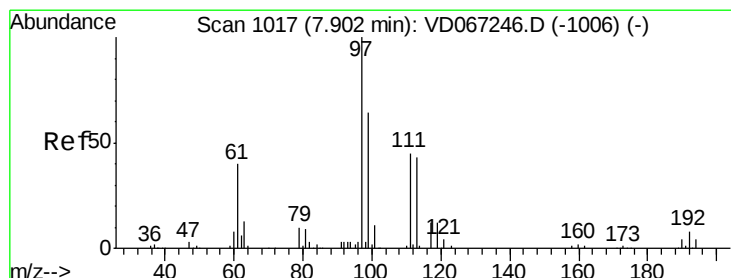
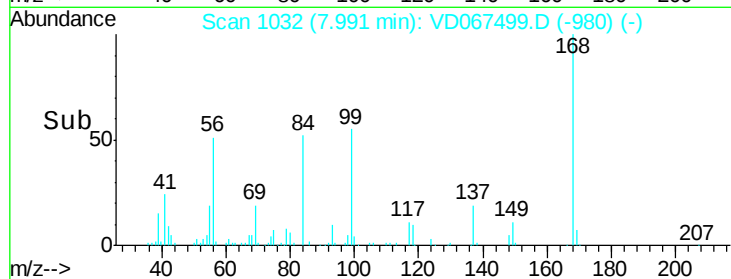
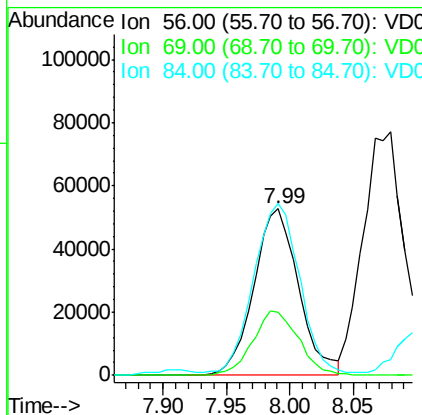
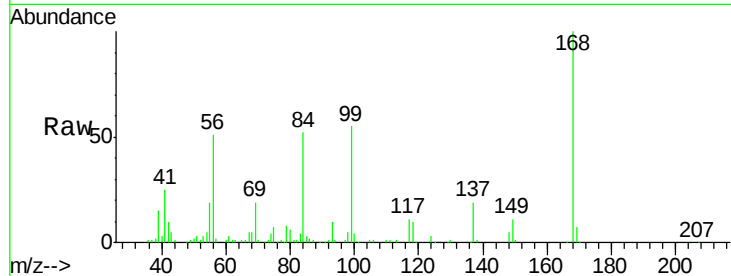
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	129732
Ion Ratio	Lower	Upper	
56	100		
69	37.9	29.8	44.6
84	100.6	76.6	114.8

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#32

1,1,1-Trichloroethane

Concen: 52.654 ug/l

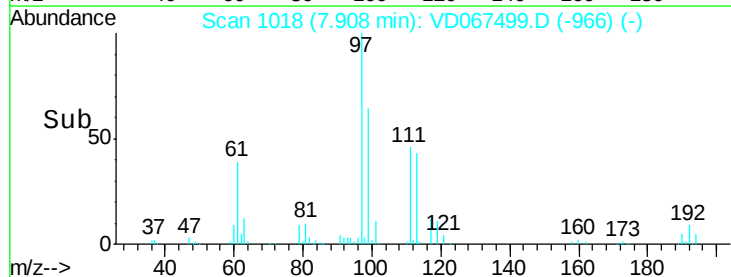
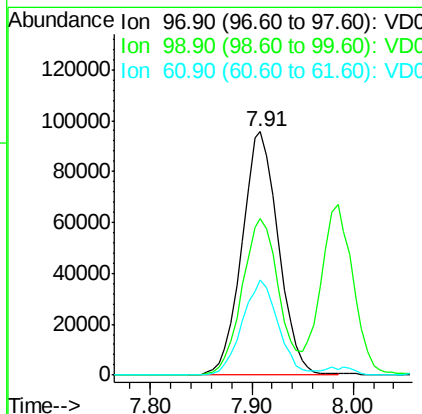
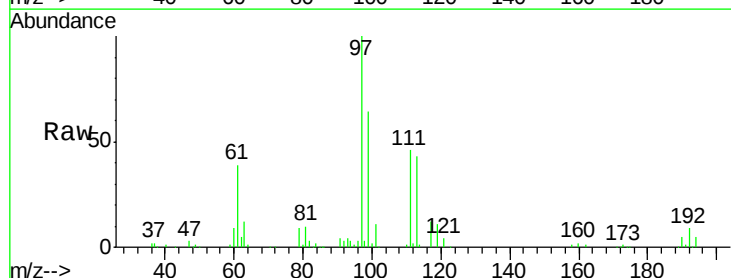
RT: 7.91 min Scan# 1018

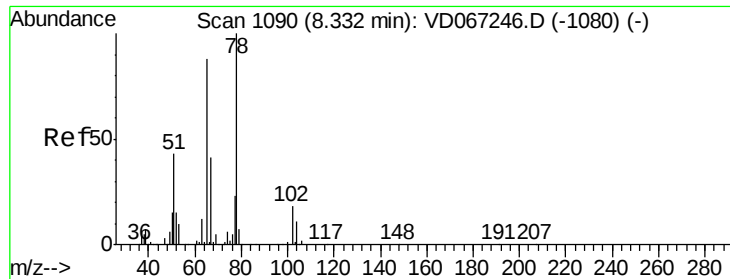
Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	97	Resp:	239058
Ion Ratio	Lower	Upper	
97	100		
99	65.2	50.2	75.4
61	38.2	30.5	45.7





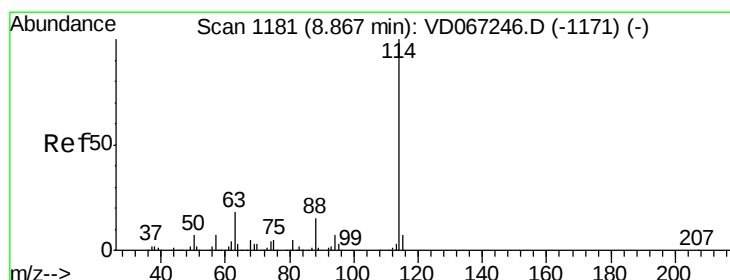
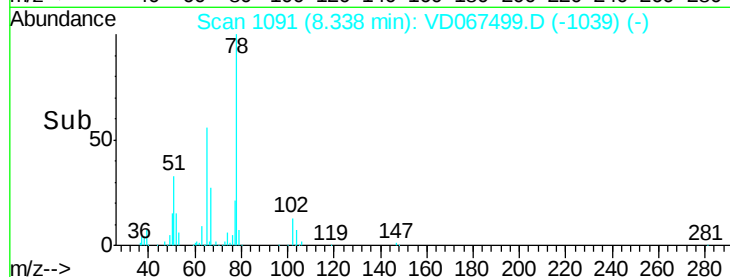
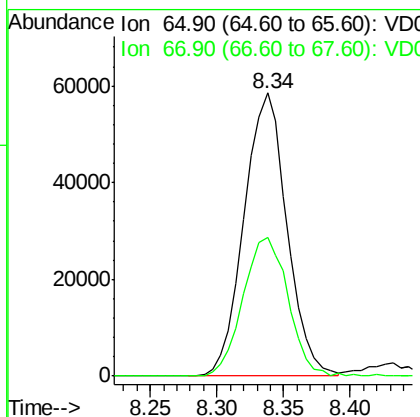
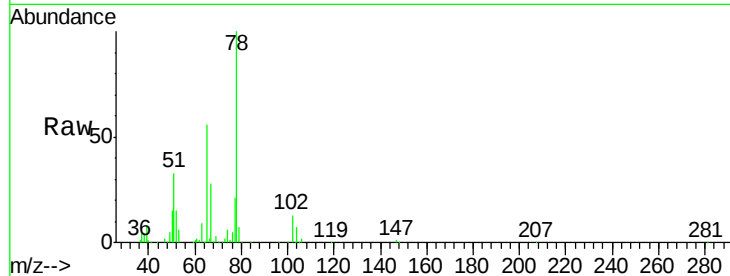
#33
 1,2-Dichloroethane-d4
 Concen: 49.586 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.8

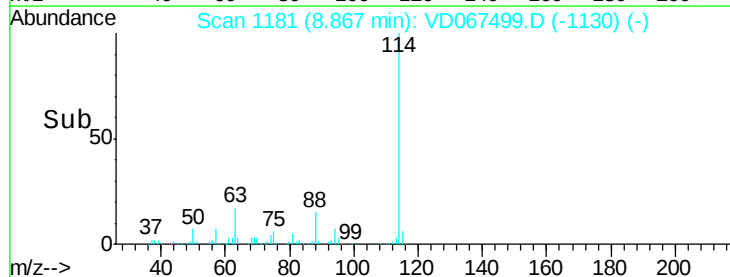
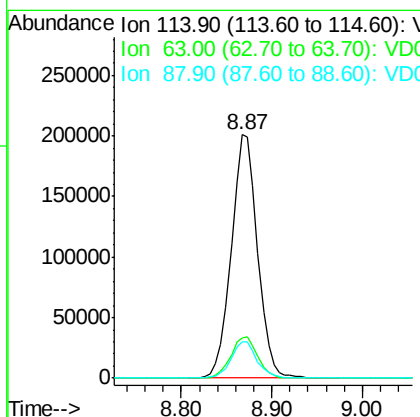
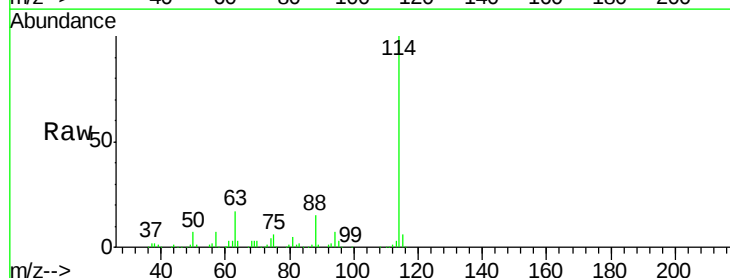
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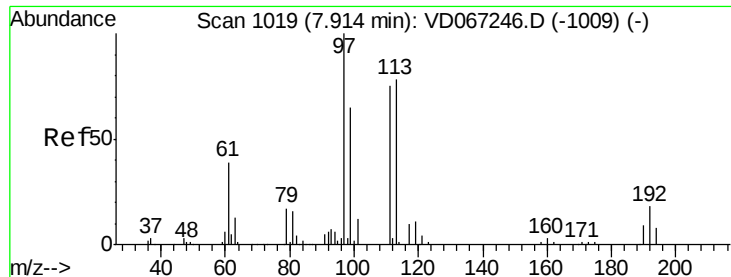
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	35.0
88	14.7	0.0	30.6





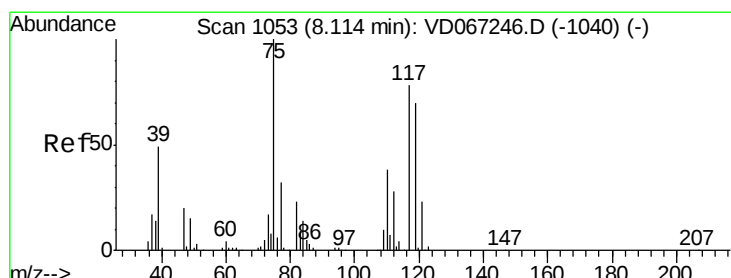
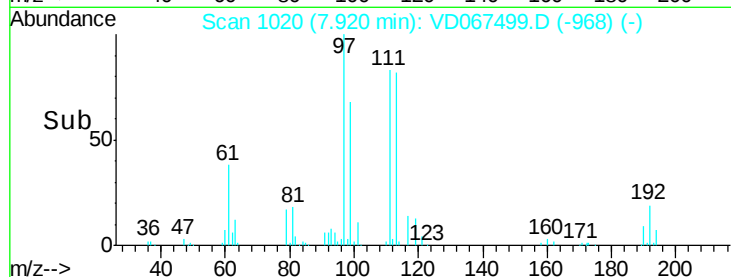
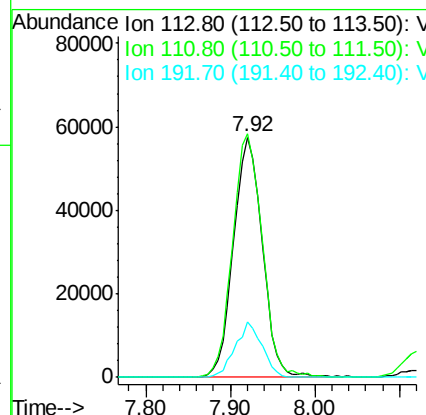
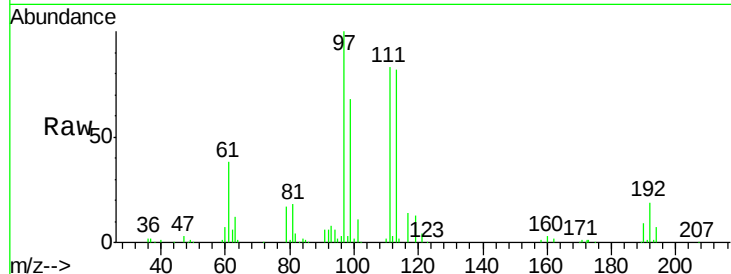
#35
Dibromofluoromethane
Concen: 50.194 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135097		
111	104.3	81.6	122.4	
192	21.4	17.0	25.4	

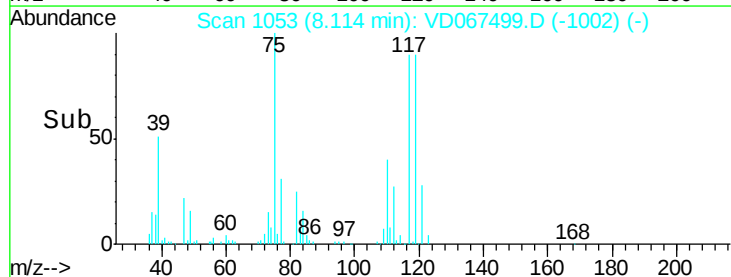
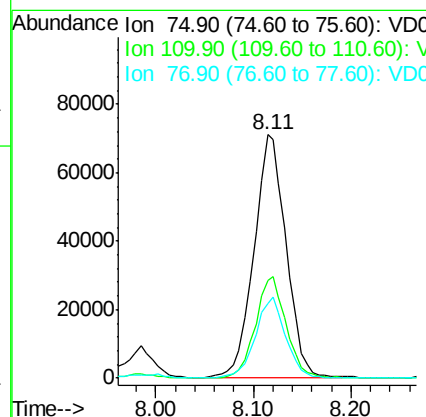
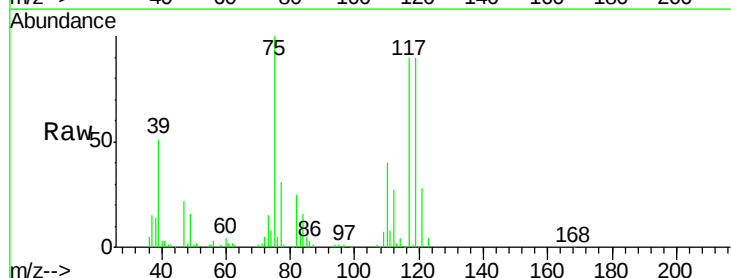
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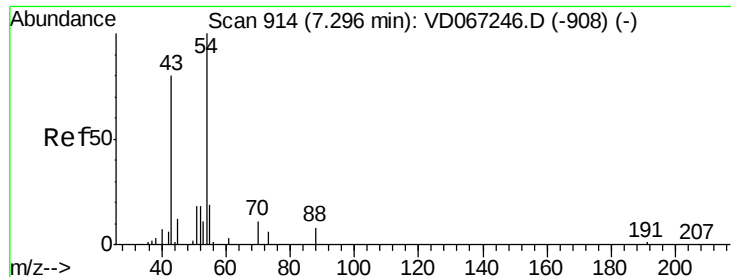
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#36
1,1-Dichloropropene
Concen: 48.126 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164970		
110	39.8	19.6	58.7	
77	31.2	24.6	37.0	





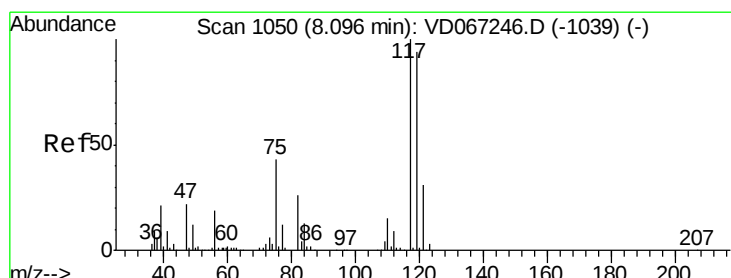
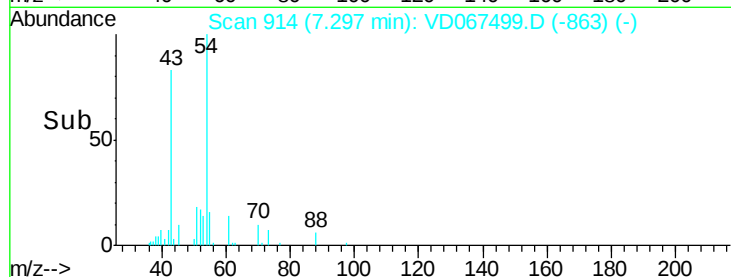
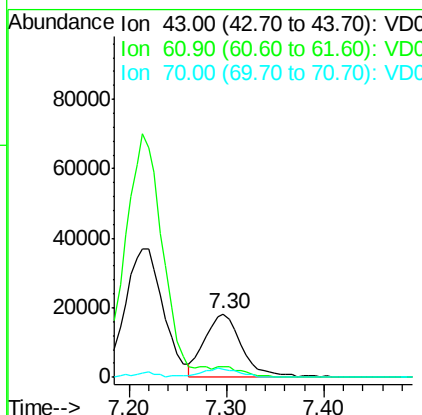
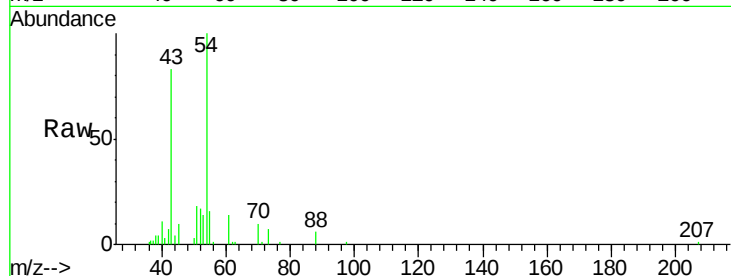
#37
Ethyl Acetate
Concen: 47.830 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.6	23.4#
70	13.7	10.4	15.6

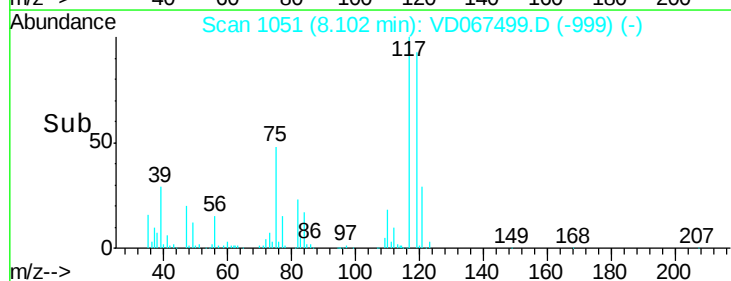
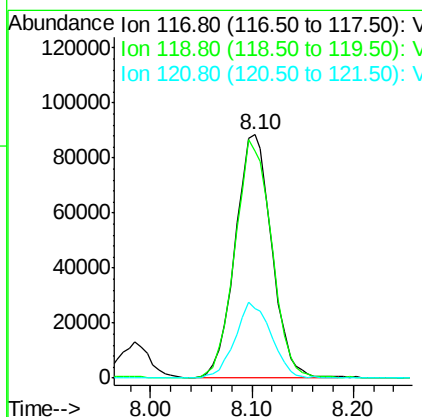
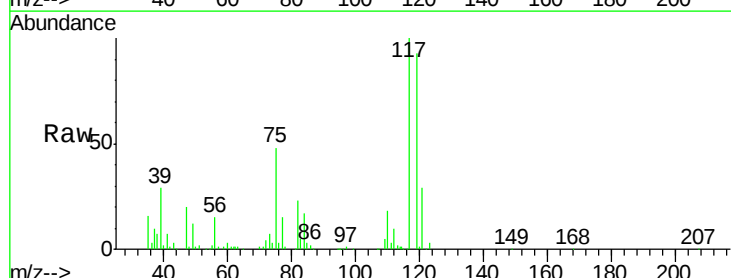
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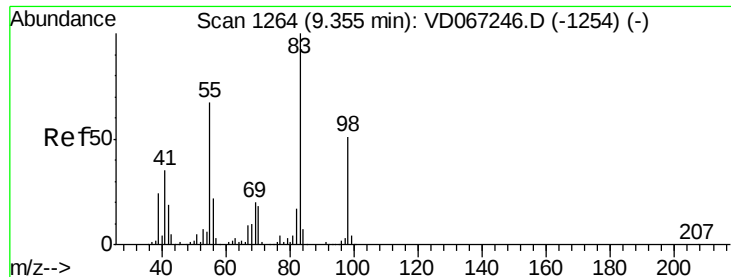
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#38
Carbon Tetrachloride
Concen: 50.421 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.0	112.4
121	28.5	24.9	37.3





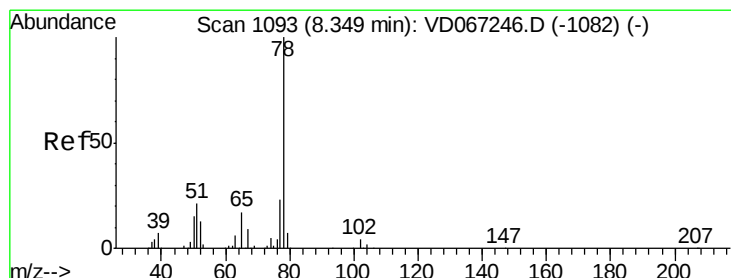
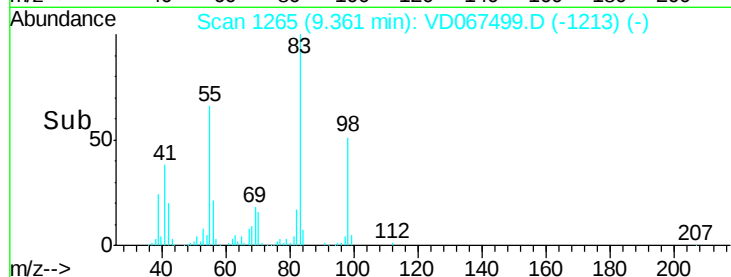
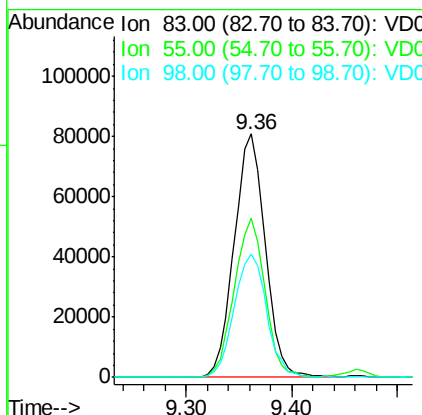
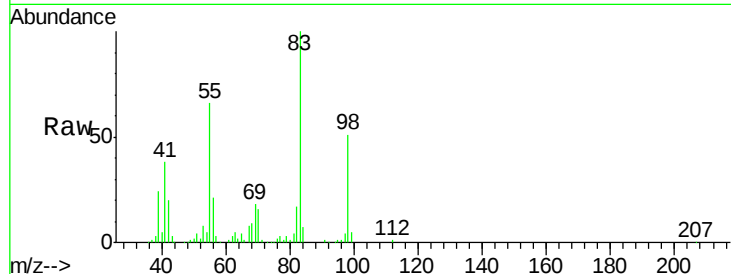
#39
Methvlcvclohexane
Concen: 46.054 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.6	53.3	79.9
98	50.8	41.0	61.4

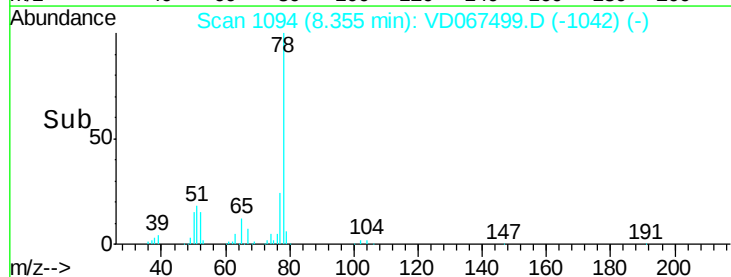
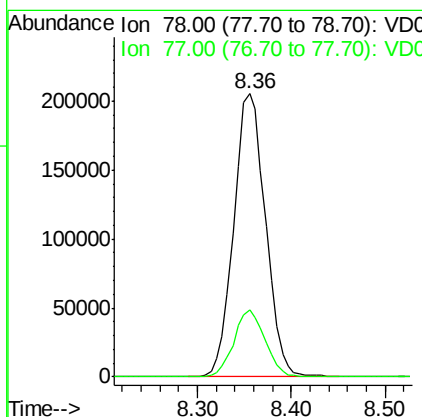
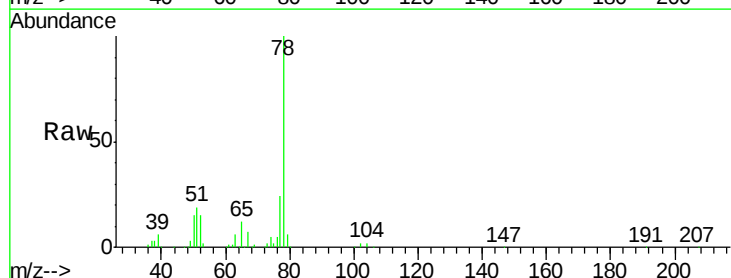
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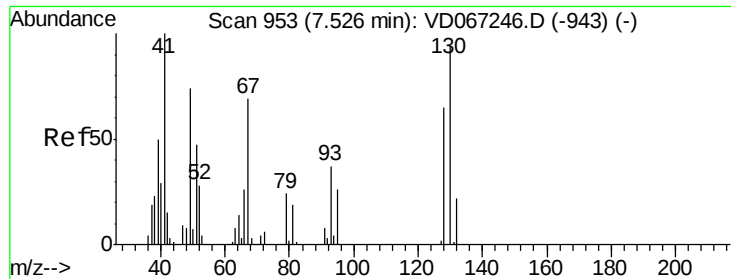
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#40
Benzene
Concen: 51.147 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





#41

Methacrylonitrile

Concen: 38.681 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 21081

Ion Ratio Lower Upper

41 100

39 90.9 60.0 90.0#

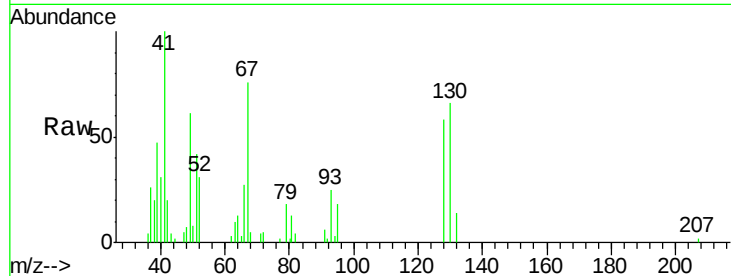
67 128.0 88.9 133.3

52 50.5 36.9 55.3

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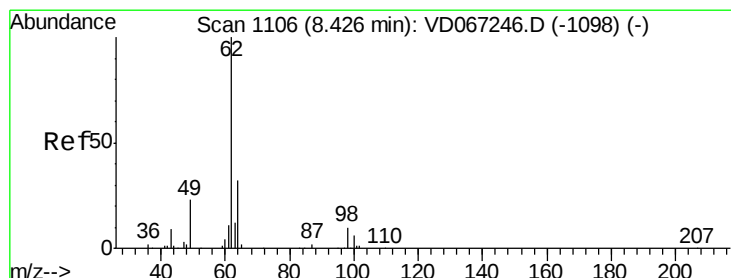
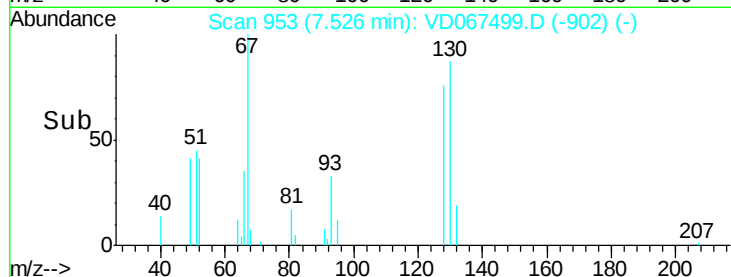
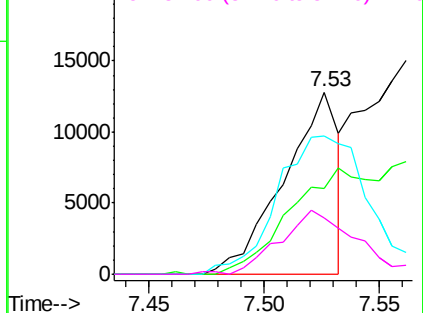


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.378 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067499.D

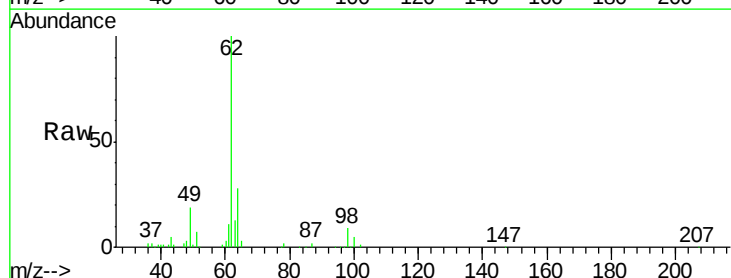
Acq: 02 Nov 2020 18:41

Tgt Ion: 62 Resp: 154144

Ion Ratio Lower Upper

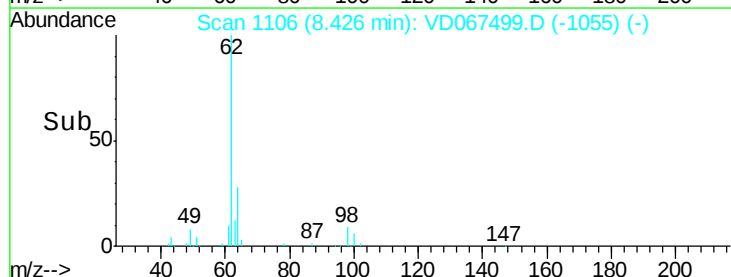
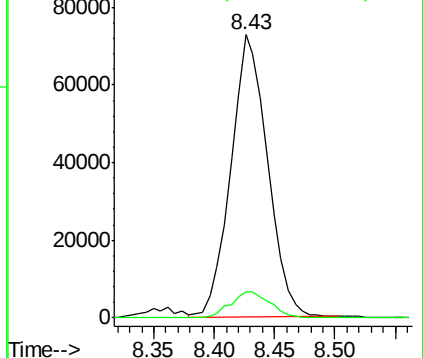
62 100

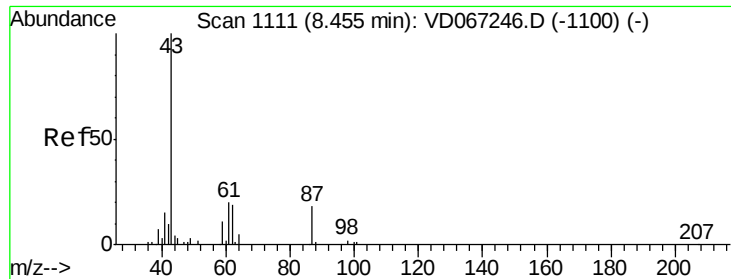
98 10.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

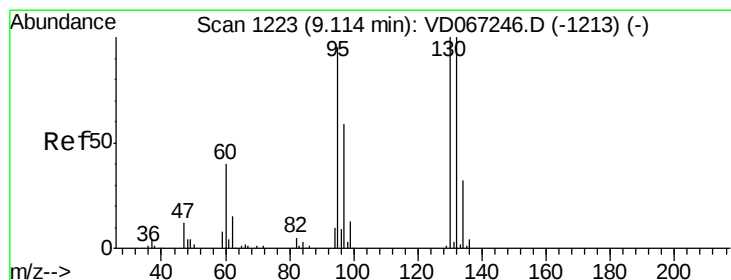
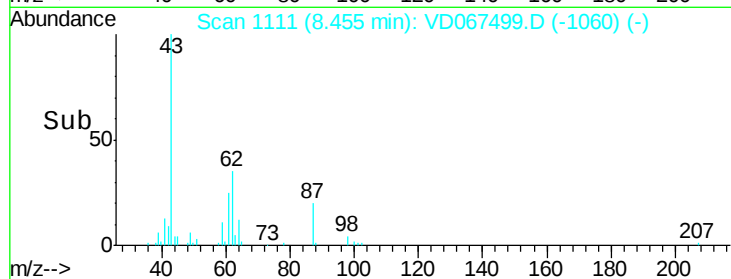
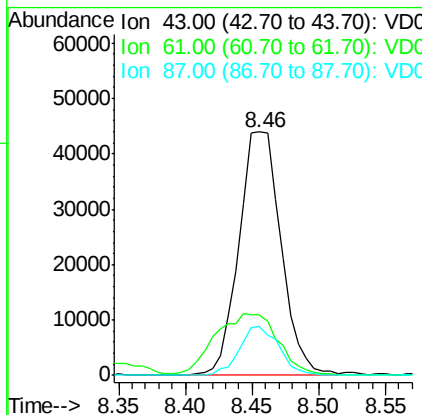
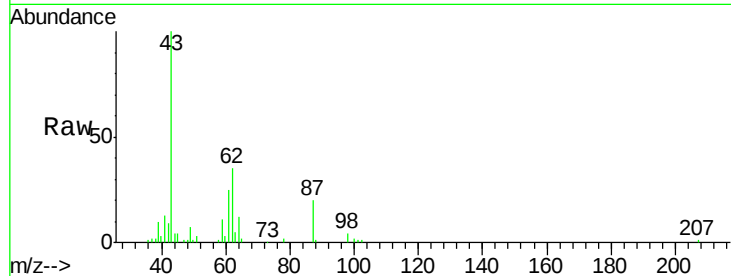
Isopropyl Acetate
 Concen: 48.159 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	38.0	29.5	44.3
87	18.8	14.2	21.4

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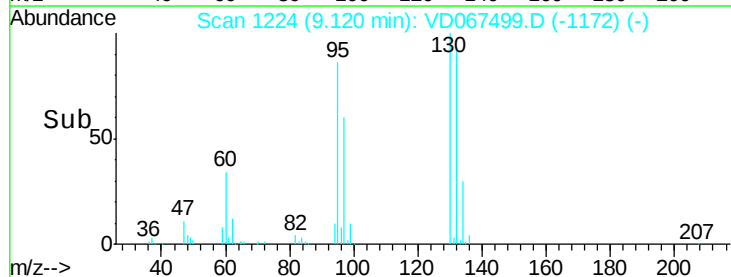
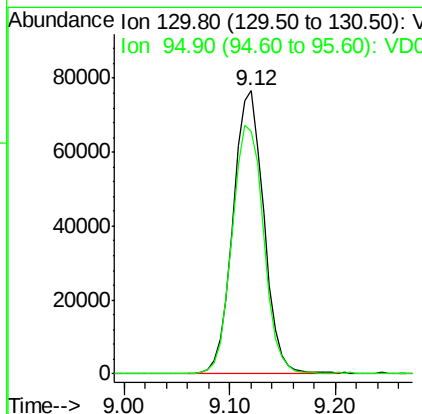
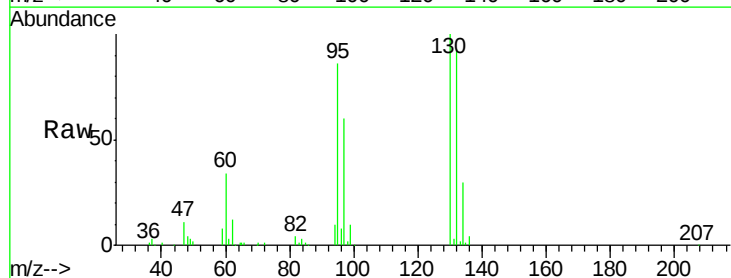
MMDadoda
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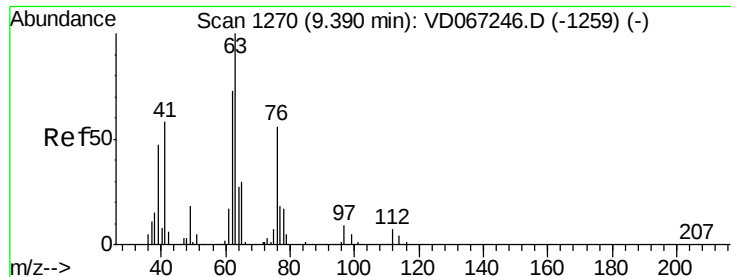


#44

Trichloroethene
 Concen: 51.312 ug/l
 RT: 9.12 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.8	0.0	190.6





#45

1,2-Dichloropropane

Concen: 49.584 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 108066

Ion Ratio Lower Upper

63 100

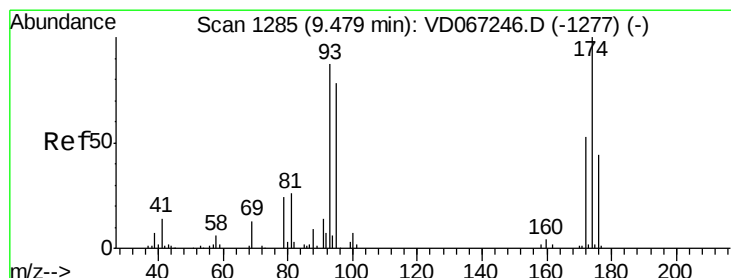
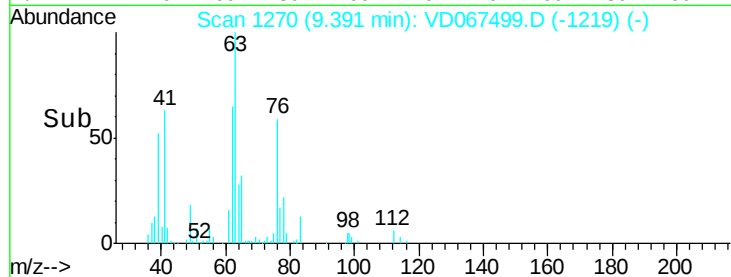
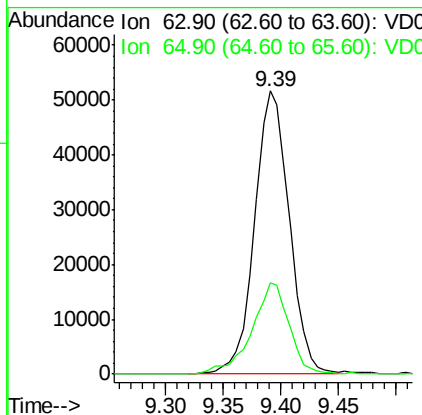
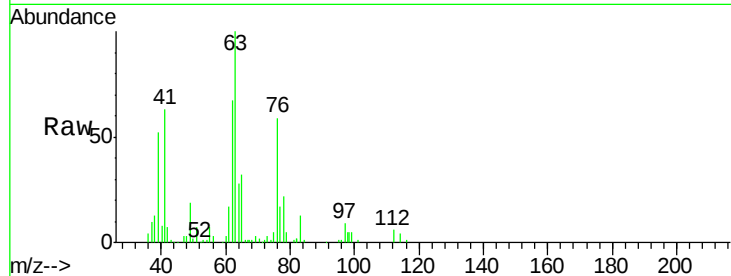
65 32.1 24.6 36.8

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#46

Dibromomethane

Concen: 50.557 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

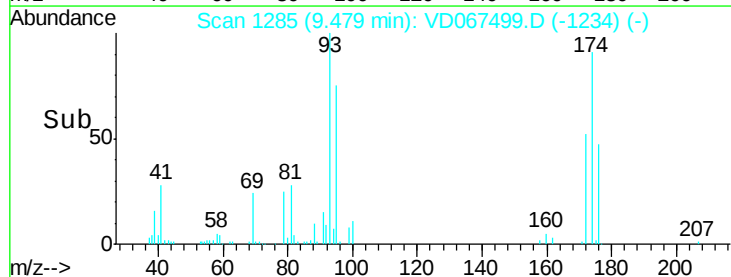
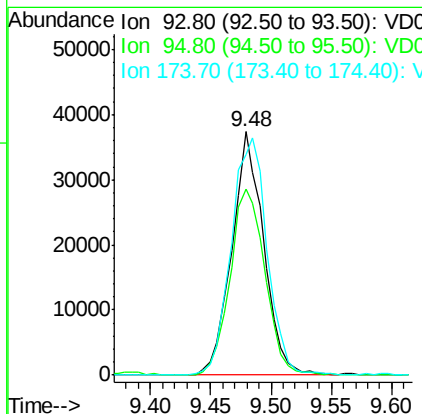
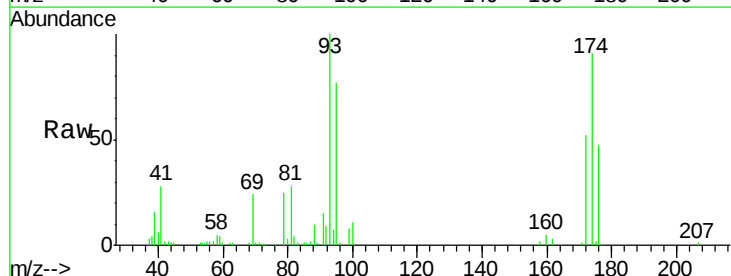
Tgt Ion: 93 Resp: 68651

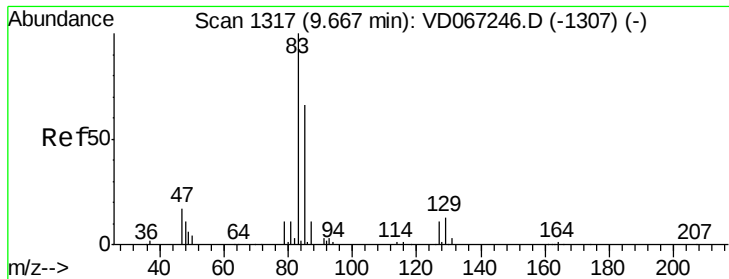
Ion Ratio Lower Upper

93 100

95 83.9 68.0 102.0

174 110.0 91.8 137.6





#47

Bromodichloromethane

Concen: 52.875 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

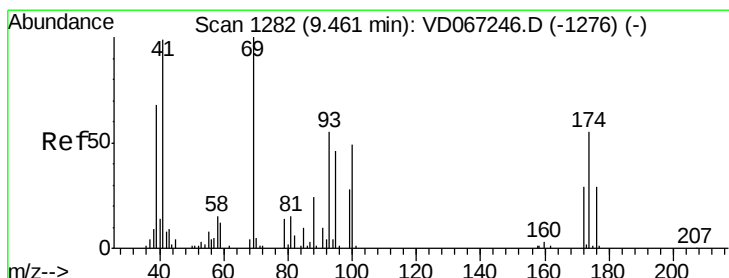
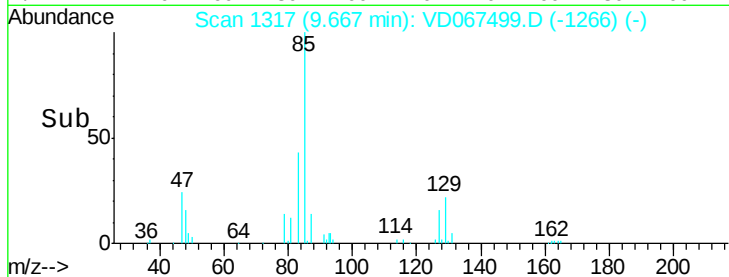
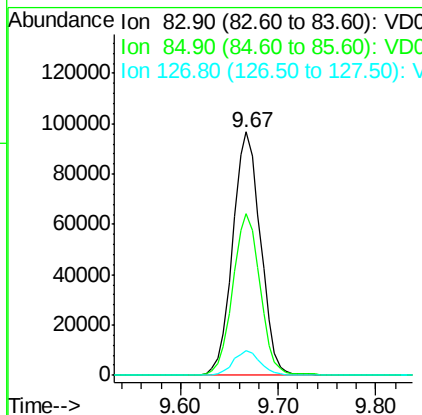
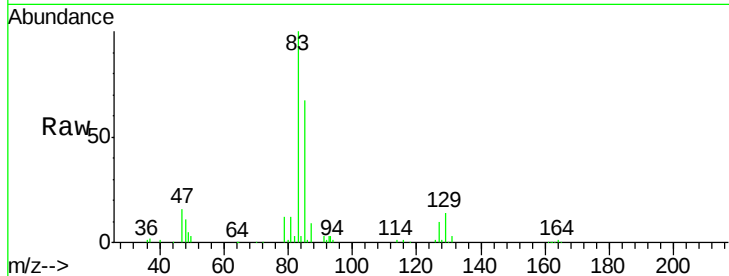
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	192367
Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.1	79.7
127	10.3	8.6	13.0

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#48

Methyl methacrylate

Concen: 48.169 ug/l

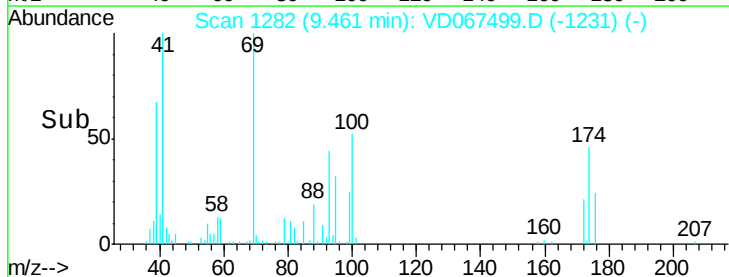
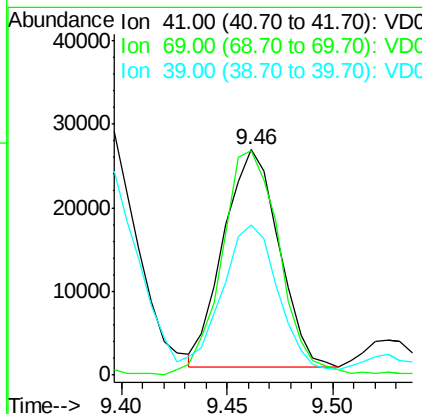
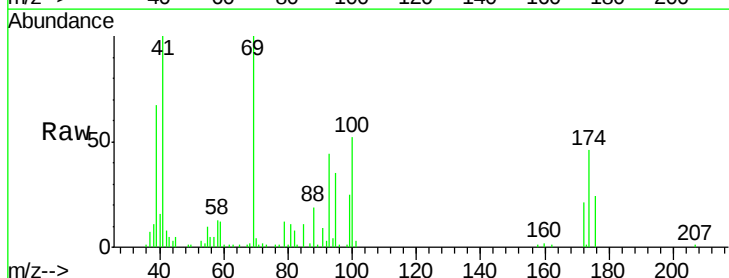
RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	41	Resp:	46845
Ion	Ratio	Lower	Upper
41	100		
69	108.2	89.0	133.6
39	73.4	60.2	90.2





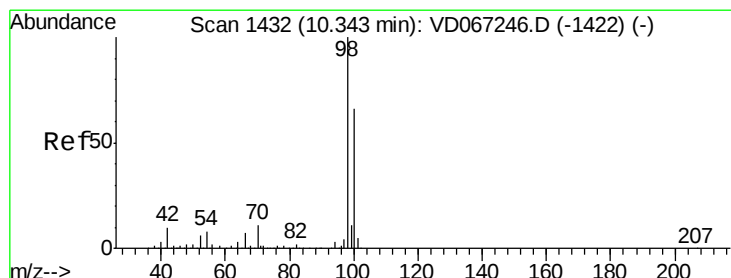
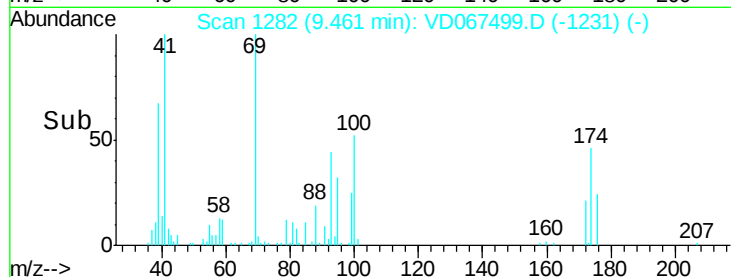
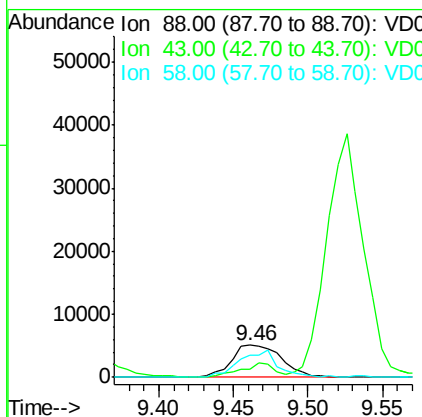
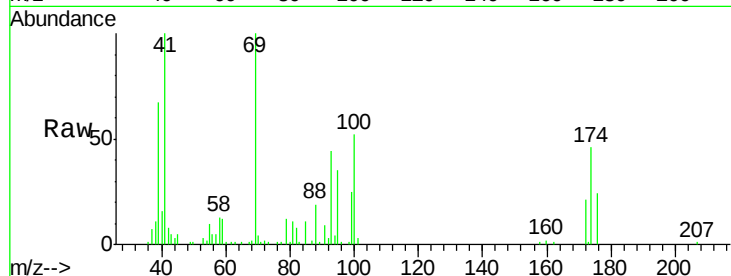
#49
1,4-Dioxane
Concen: 897.280 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.9	35.9
58	65.6	51.0	76.6

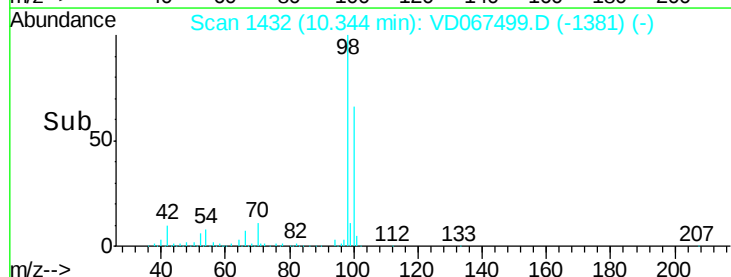
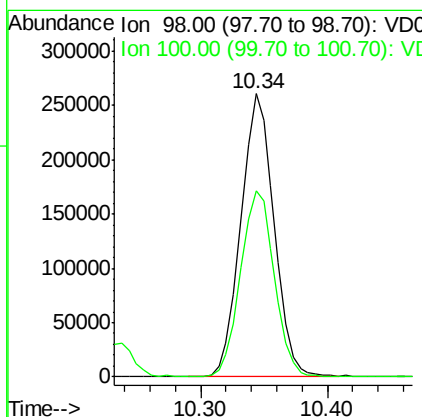
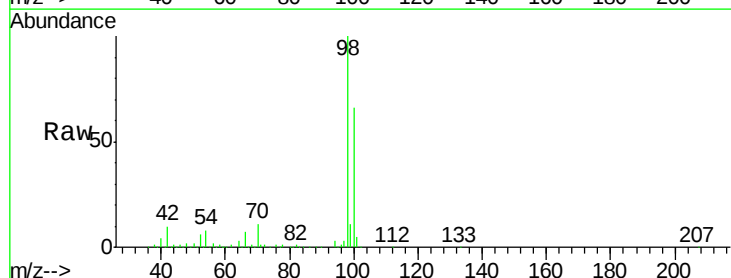
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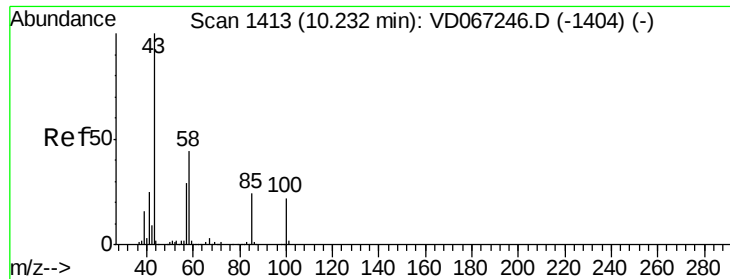
MMDadoda
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#50
Toluene-d8
Concen: 48.647 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7





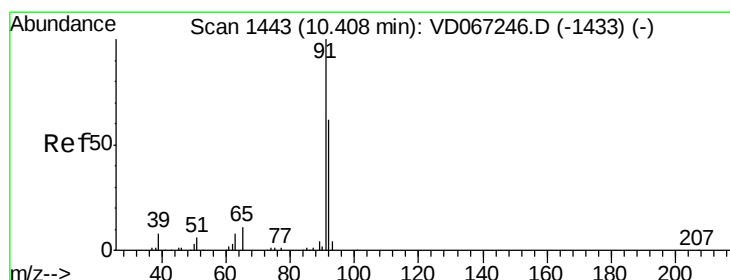
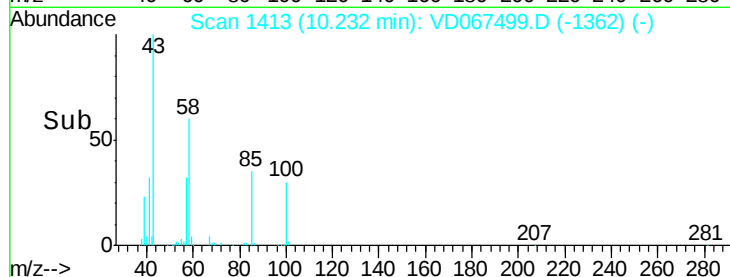
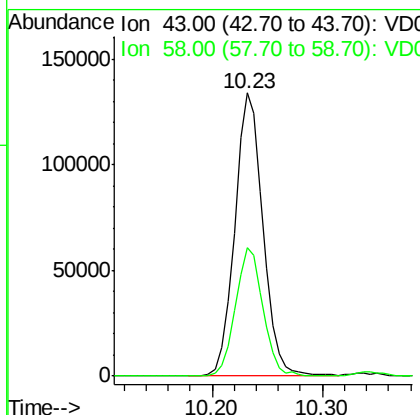
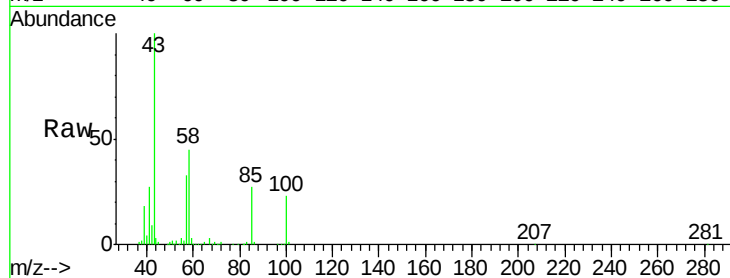
#51
4-Methyl-2-Pentanone
Concen: 240.369 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 239921
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5

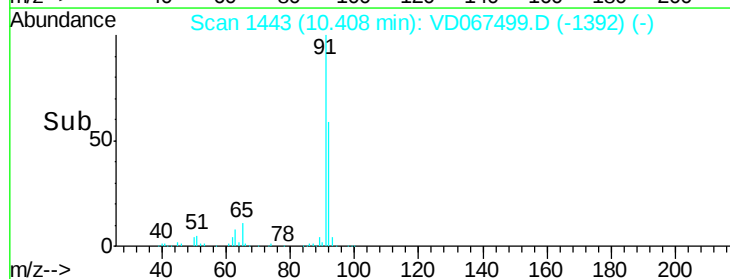
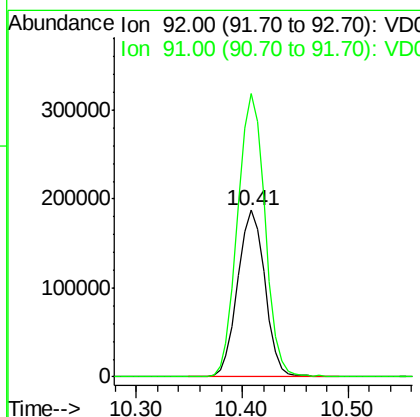
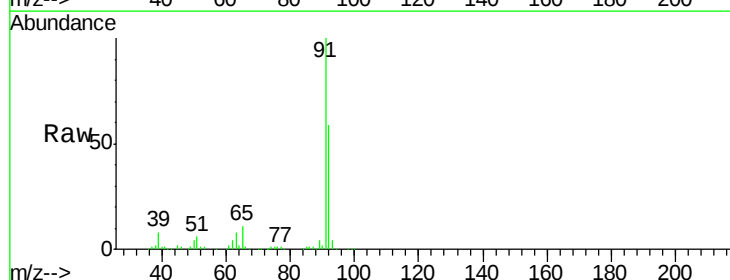
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#52
Toluene
Concen: 52.498 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion: 92 Resp: 336249
Ion Ratio Lower Upper
92 100
91 170.1 133.8 200.8





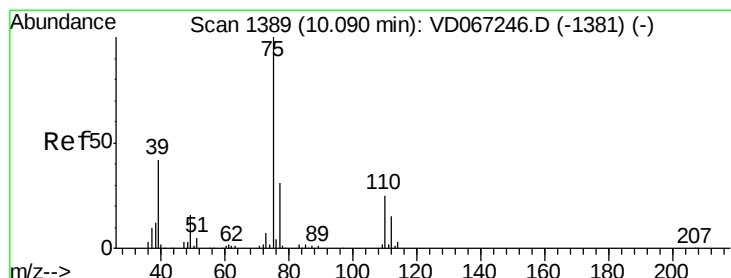
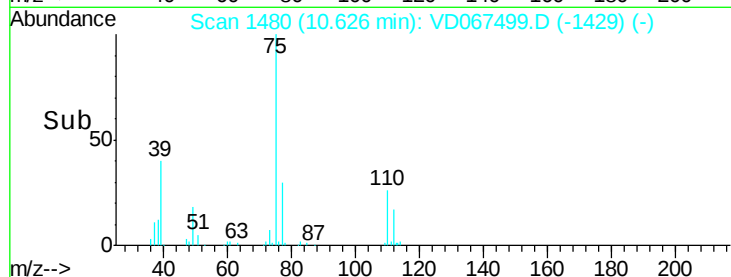
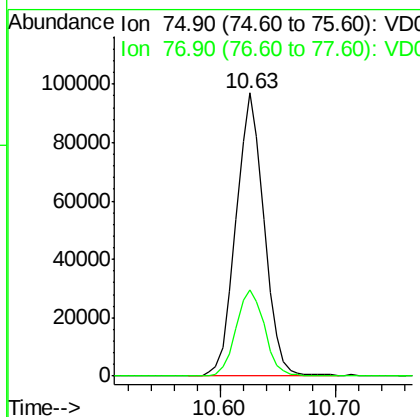
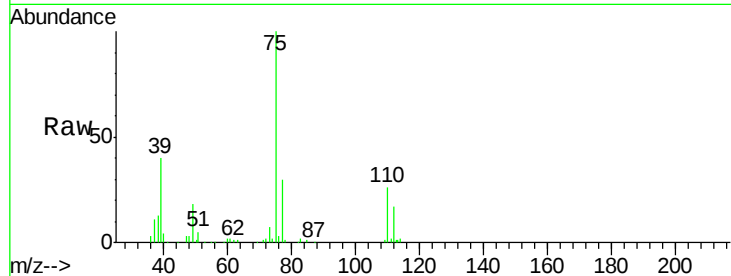
#53
t-1,3-Dichloropropene
Concen: 51.279 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 163883
Ion Ratio Lower Upper
75 100
77 30.5 26.5 39.7

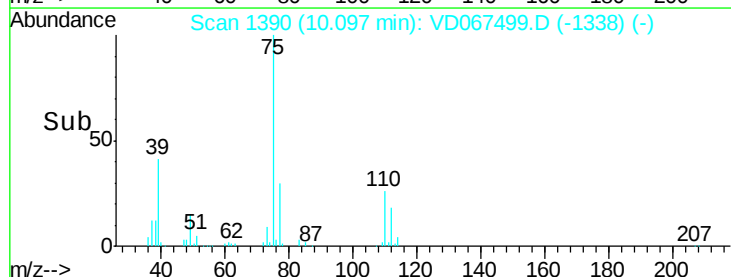
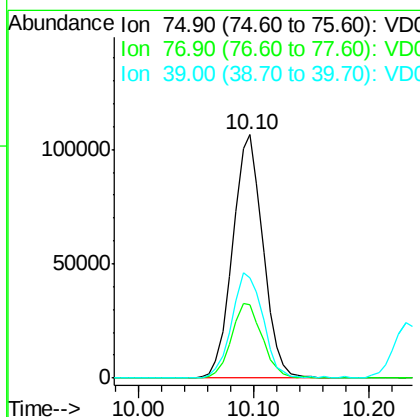
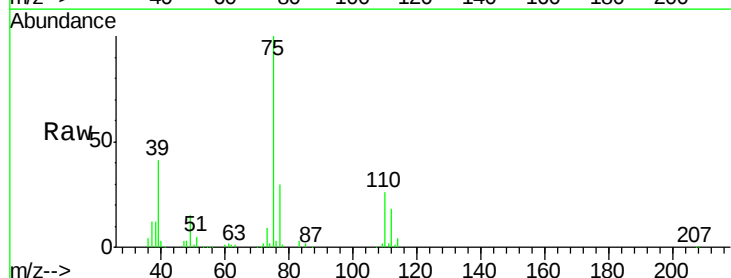
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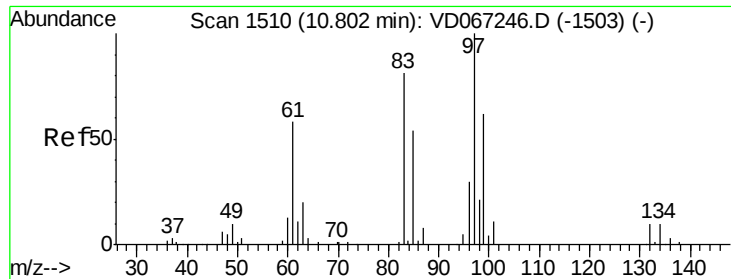
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#54
cis-1,3-Dichloropropene
Concen: 51.825 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion: 75 Resp: 193838
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7
39 41.3 33.7 50.5





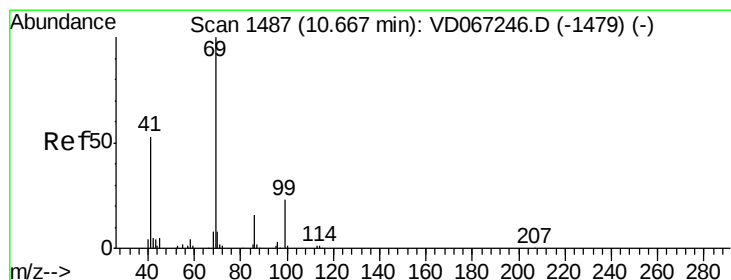
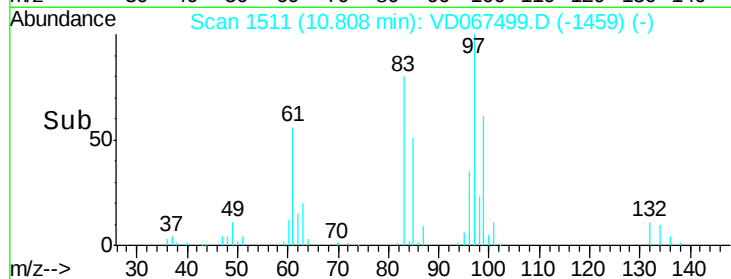
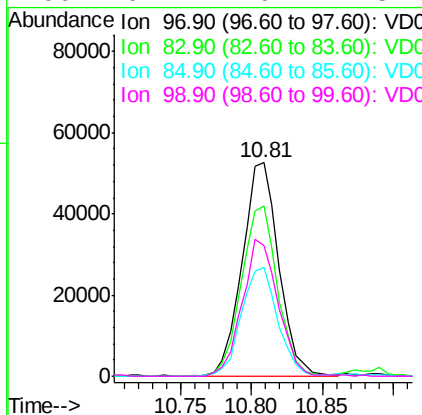
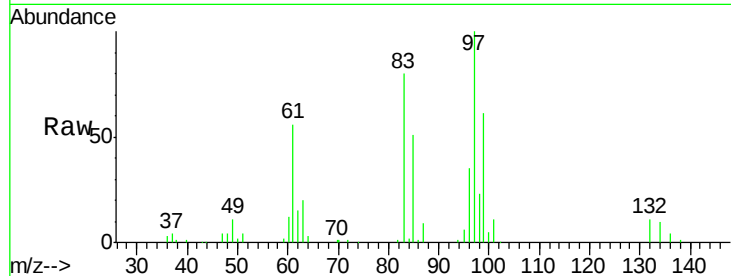
#55
 1,1,2-Trichloroethane
 Concen: 51.787 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp:	95893
Ion	Ratio	Lower	Upper
97	100		
83	80.0	64.9	97.3
85	50.7	43.3	64.9
99	61.4	49.1	73.7

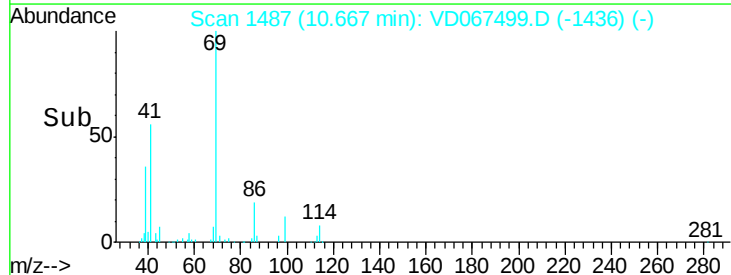
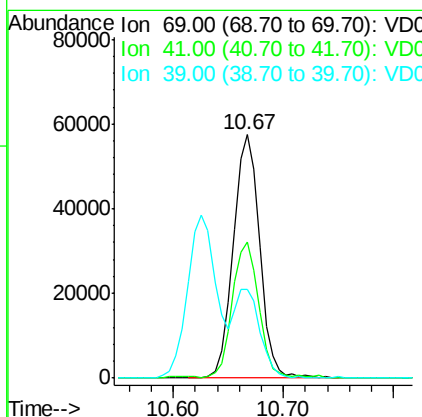
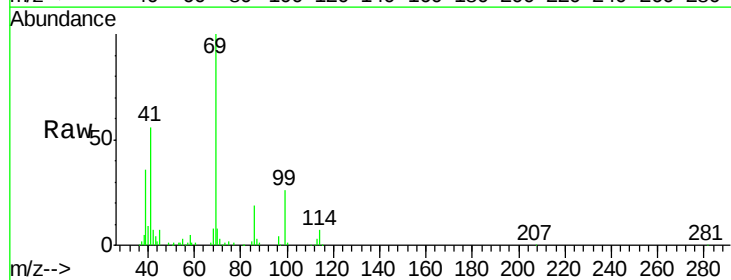
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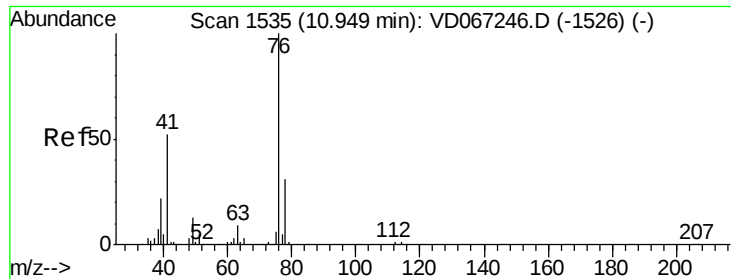
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#56
 Ethyl methacrylate
 Concen: 50.459 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	69	Resp:	96902
Ion	Ratio	Lower	Upper
69	100		
41	56.2	44.7	67.1
39	35.4	26.2	39.2





#57

1,3-Dichloropropane

Concen: 51.068 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 150488

Ion Ratio Lower Upper

76 100

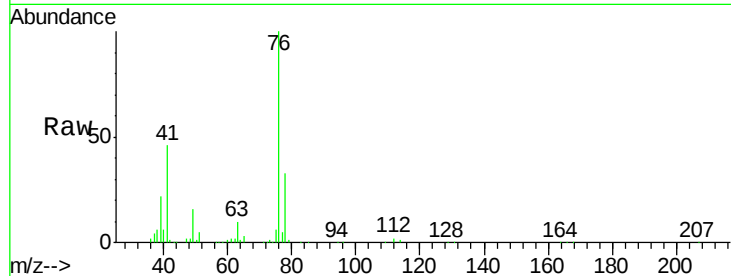
78 32.7 26.8 40.2

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

80000

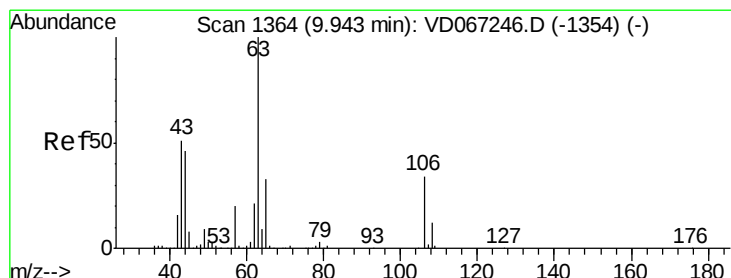
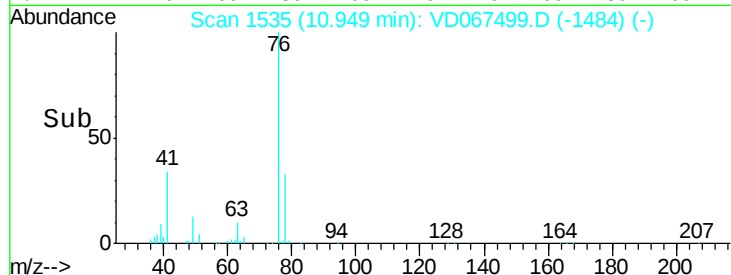
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.534 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD067499.D

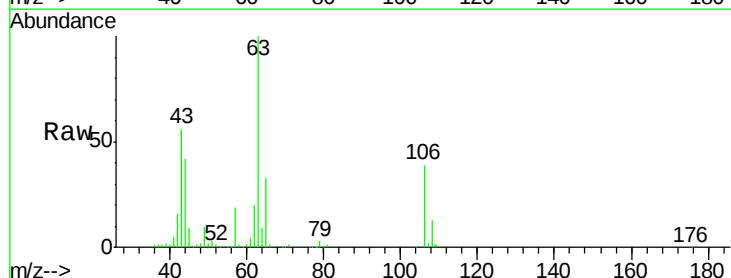
Acq: 02 Nov 2020 18:41

Tgt Ion: 63 Resp: 244846

Ion Ratio Lower Upper

63 100

106 37.7 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

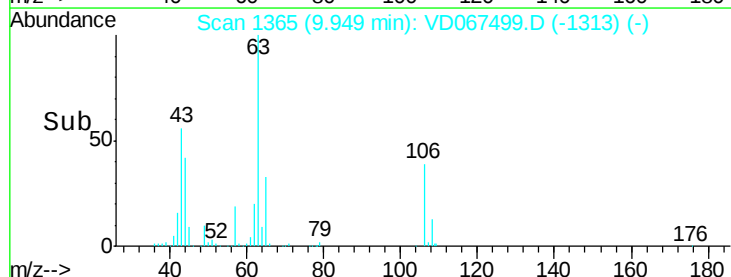
150000

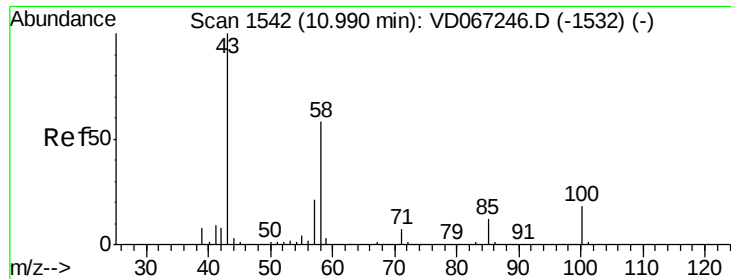
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 244.189 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 166551

Ion Ratio Lower Upper

43 100

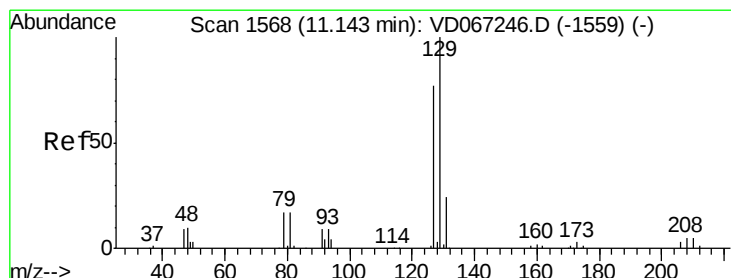
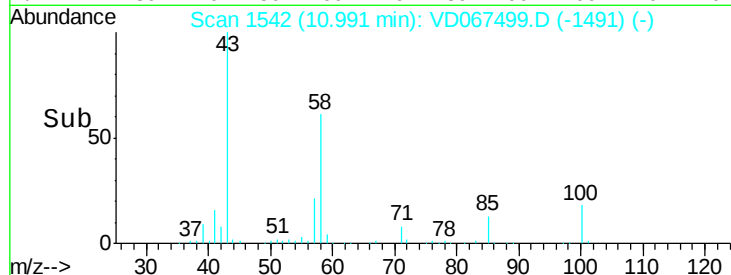
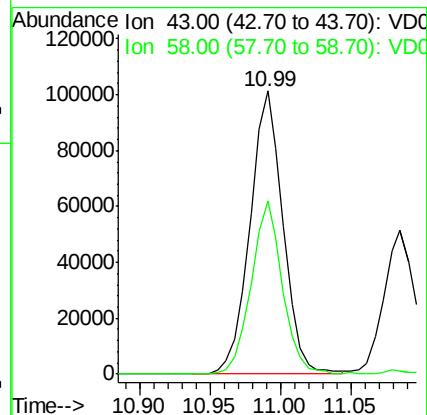
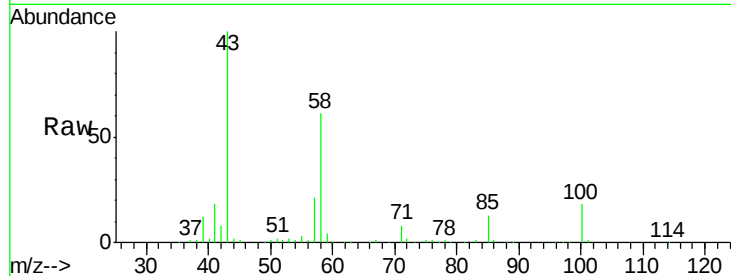
58 57.6 29.3 87.9

Manual Integrations

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#60

Dibromochloromethane

Concen: 52.375 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VD067499.D

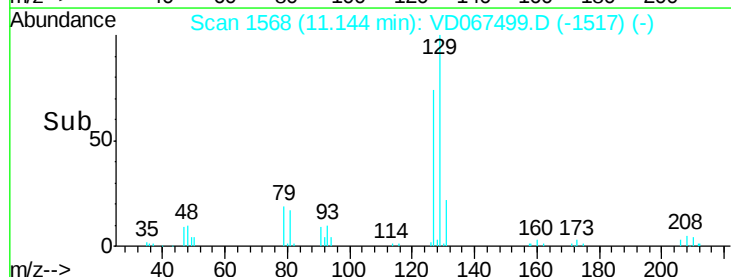
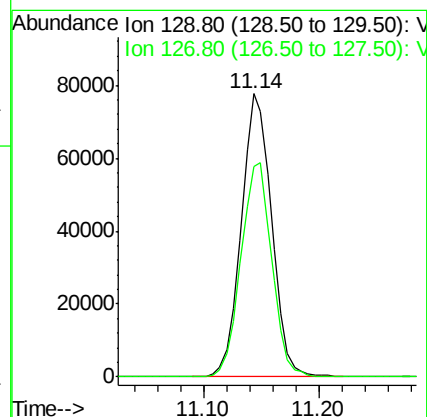
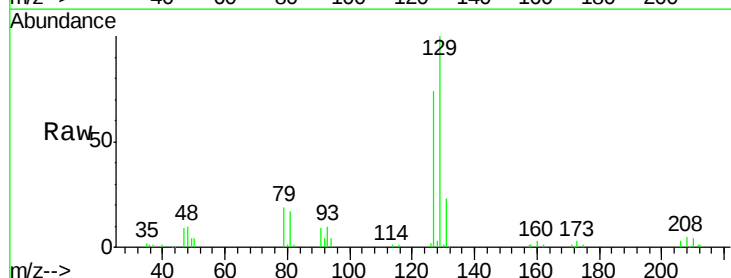
Acq: 02 Nov 2020 18:41

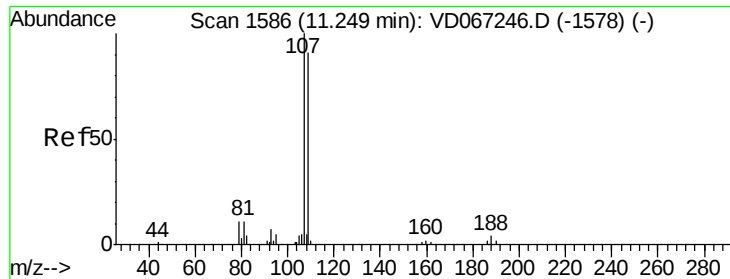
Tgt Ion: 129 Resp: 141434

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.8





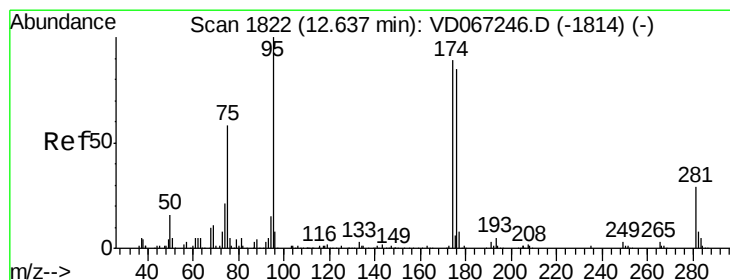
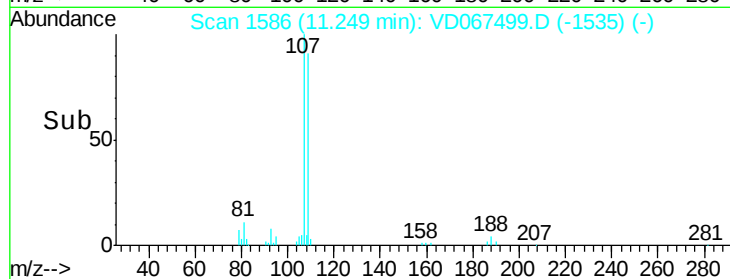
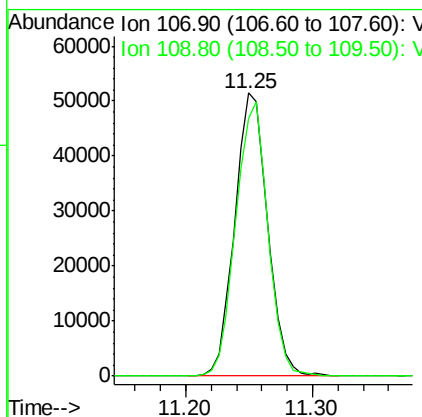
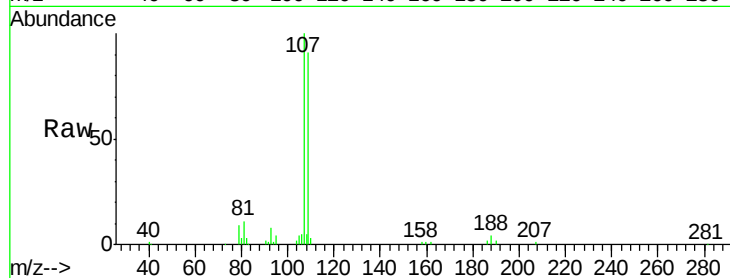
#61
 1,2-Dibromoethane
 Concen: 50.569 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 92314
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.6 112.0

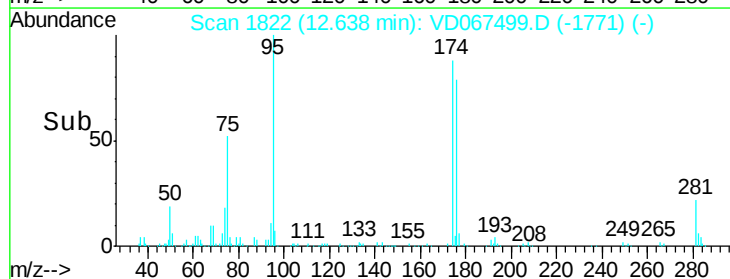
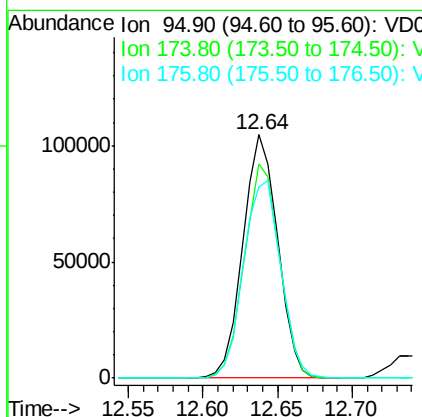
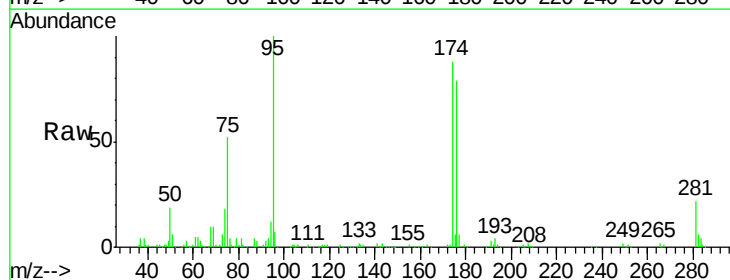
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#62
 4-Bromofluorobenzene
 Concen: 49.865 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion: 95 Resp: 168889
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 175.2
 176 86.9 0.0 168.6





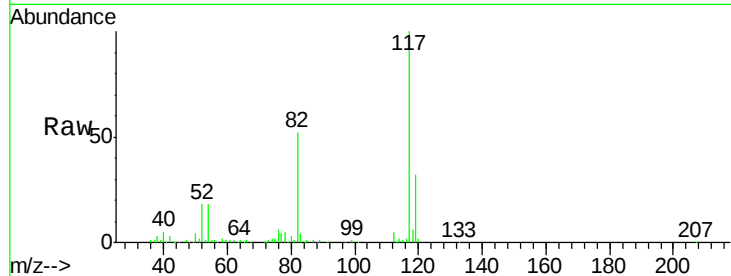
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	39.9	59.9
119	31.9	24.9	37.3

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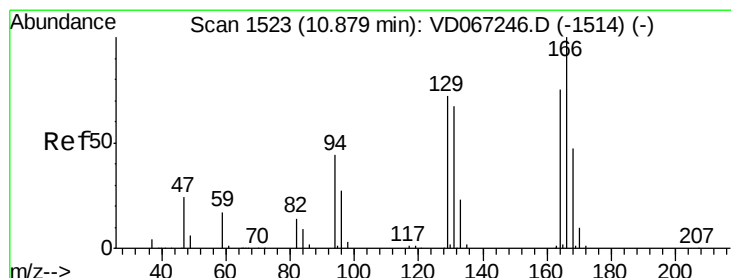
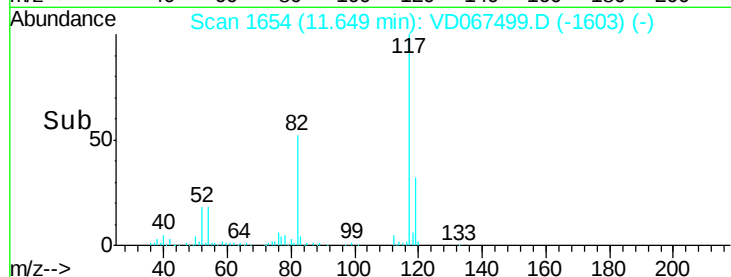
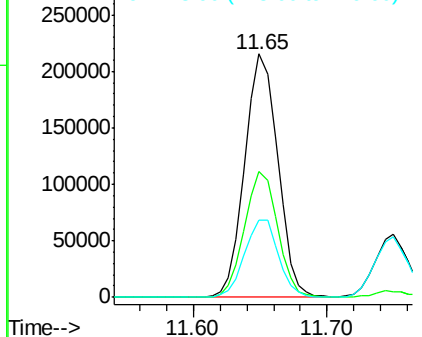


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.050 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	107.3	160.9
129	94.4	77.3	115.9
131	85.6	71.4	107.2

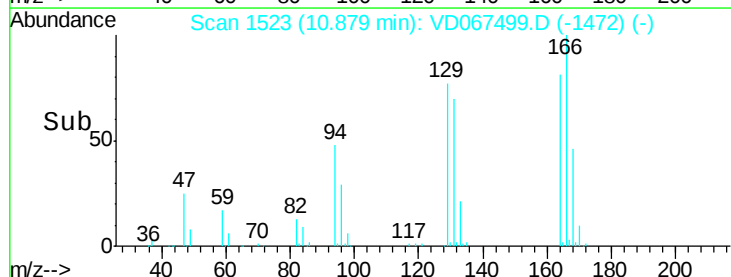
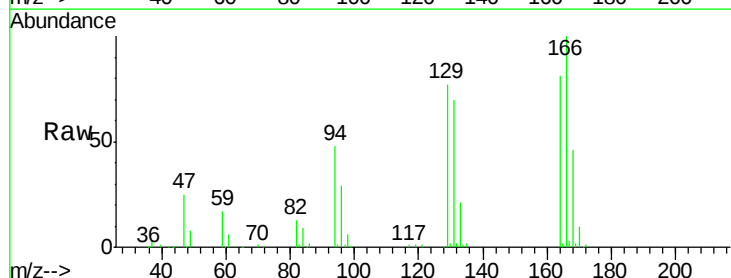
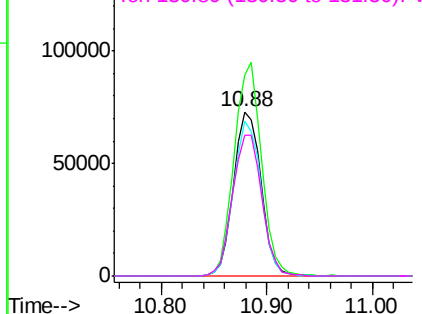
Abundance

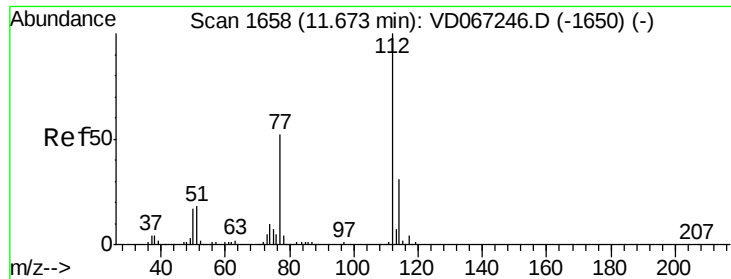
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





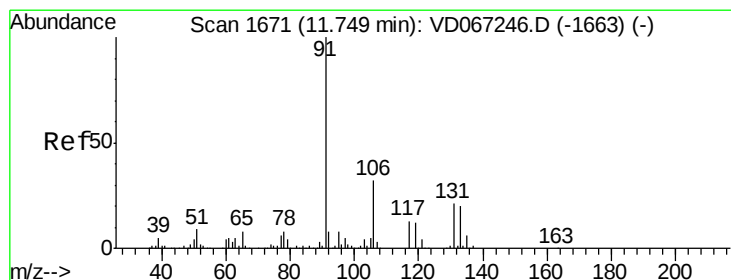
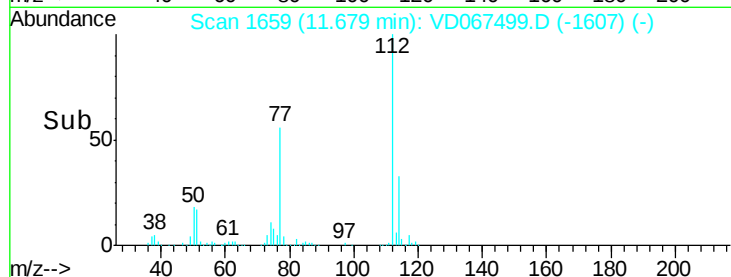
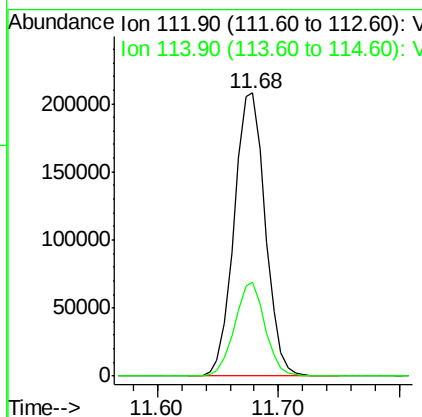
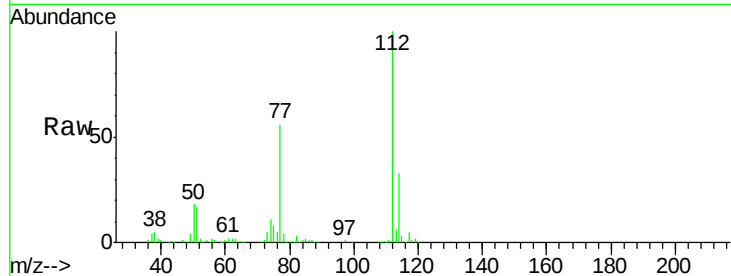
#65
Chlorobenzene
Concen: 52.841 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.0	37.4

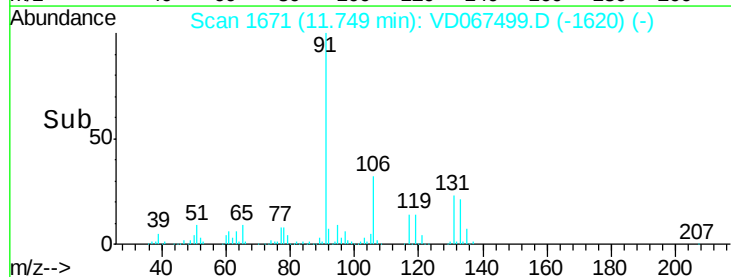
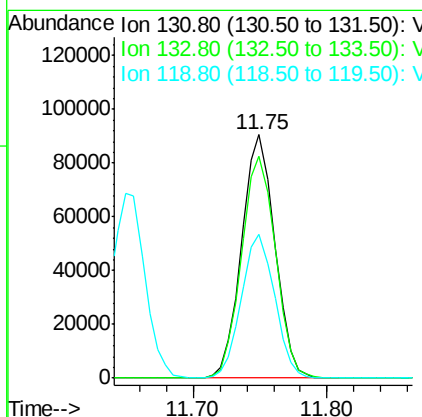
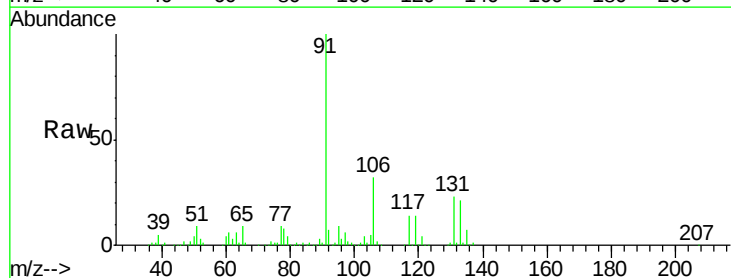
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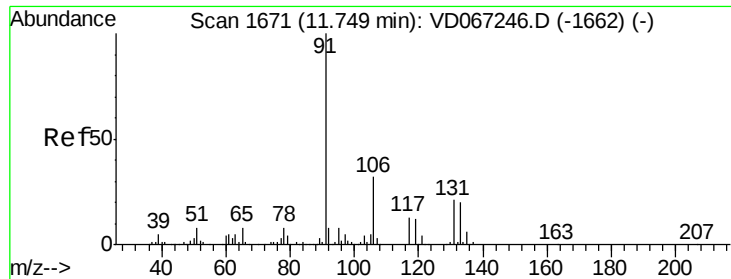
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.304 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	48.1	144.3
119	59.7	30.0	90.0





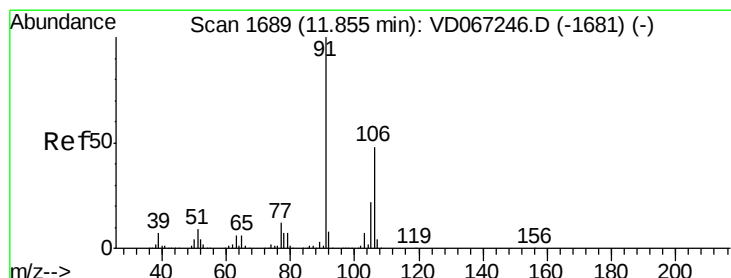
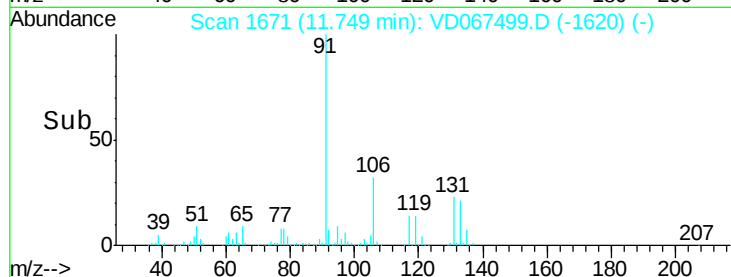
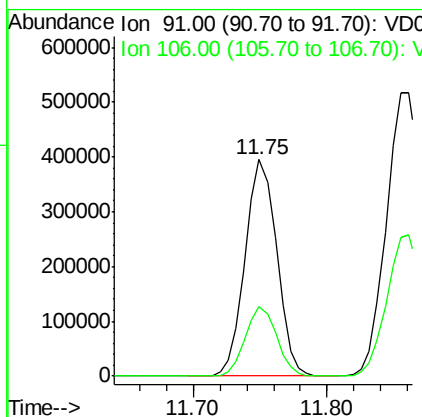
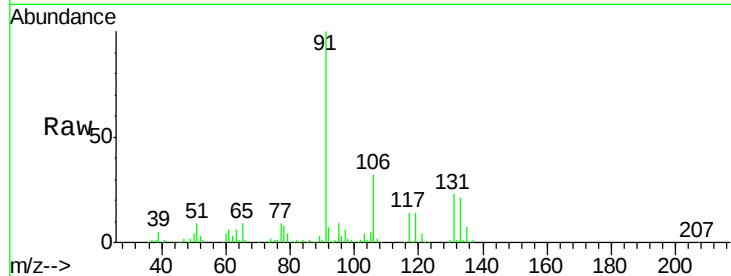
#67
Ethyl Benzene
Concen: 53.533 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 649860
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0

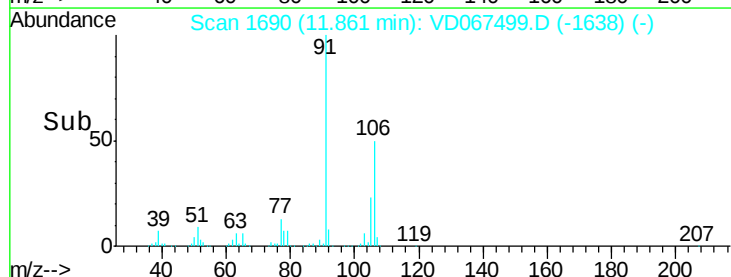
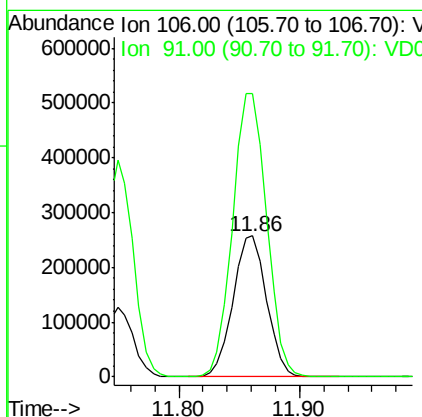
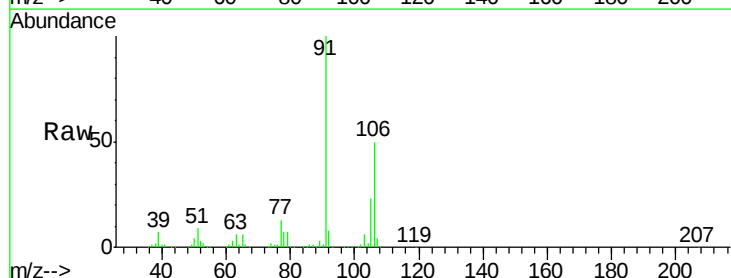
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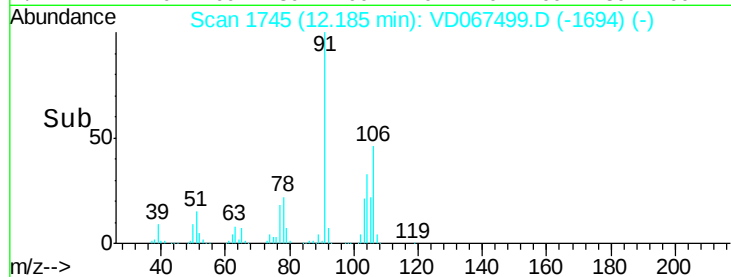
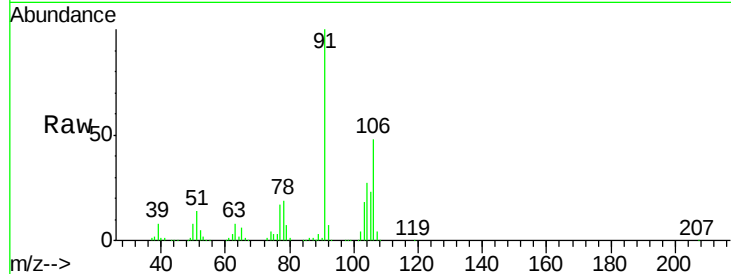
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#68
m/p-Xylenes
Concen: 106.998 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion: 106 Resp: 500185
Ion Ratio Lower Upper
106 100
91 203.1 163.8 245.8





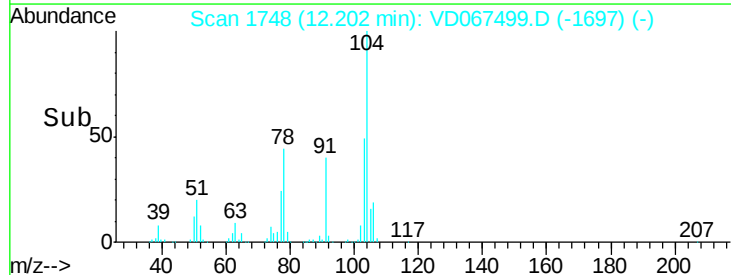
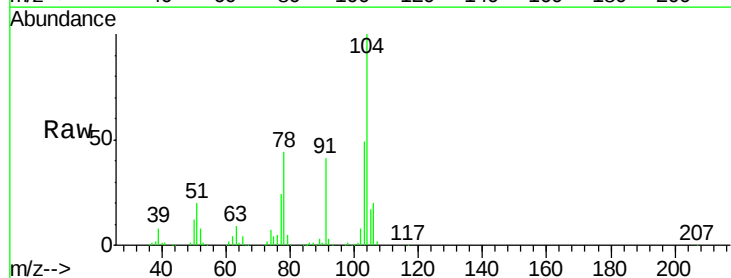
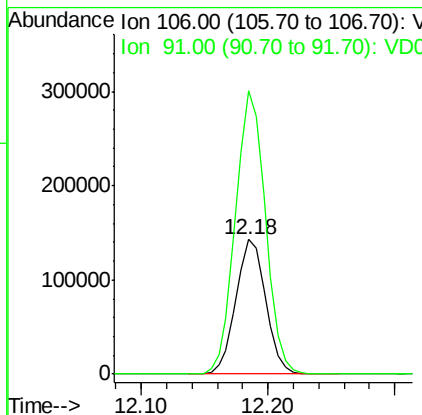
#69
o-Xylene
Concen: 53.706 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232483	106	100			
	91	211.9	109.1	327.3	

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

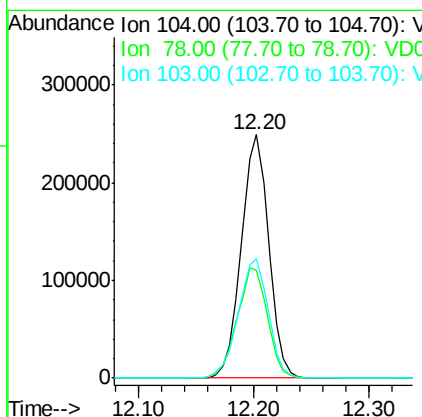
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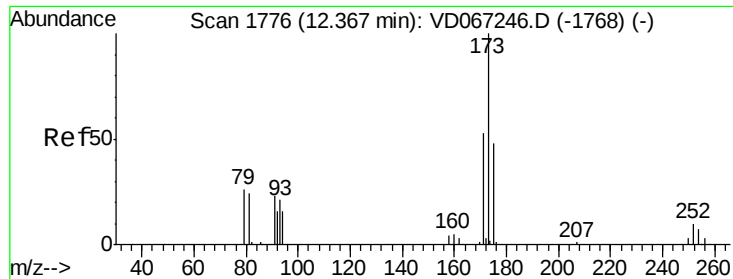
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#70
Styrene
Concen: 55.296 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
412058	104	100			
	78	49.7	39.8	59.6	
	103	53.1	42.6	64.0	





#71

Bromoform

Concen: 51.163 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77362

Ion Ratio Lower Upper

173 100

175 50.6 24.2 72.6

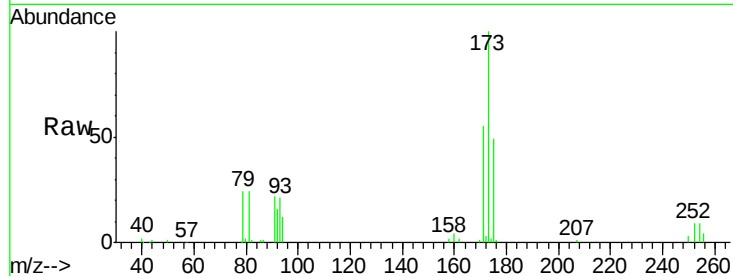
254 0.0 0.1 0.1#

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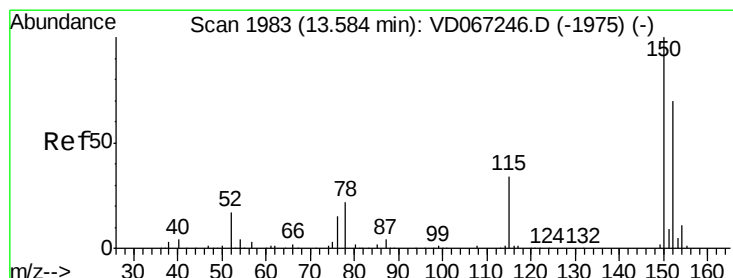
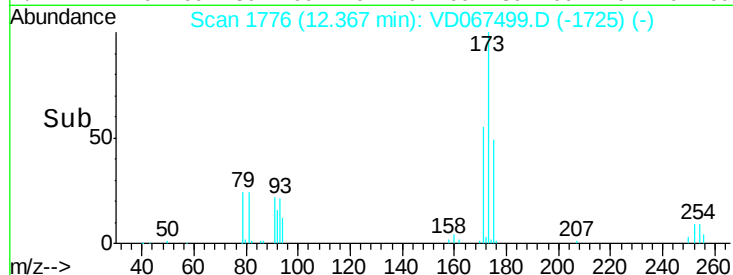
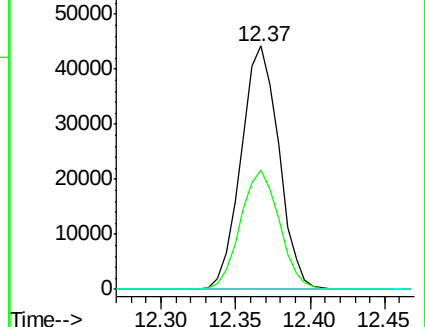
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

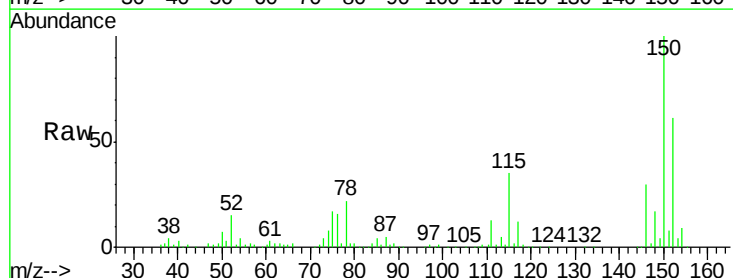
Tgt Ion:152 Resp: 191305

Ion Ratio Lower Upper

152 100

115 58.7 29.3 87.9

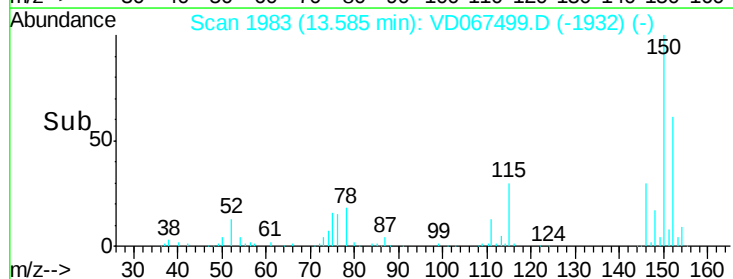
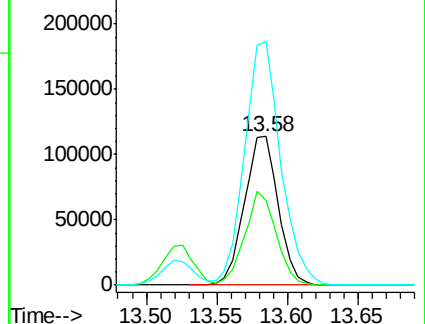
150 175.9 0.0 339.0

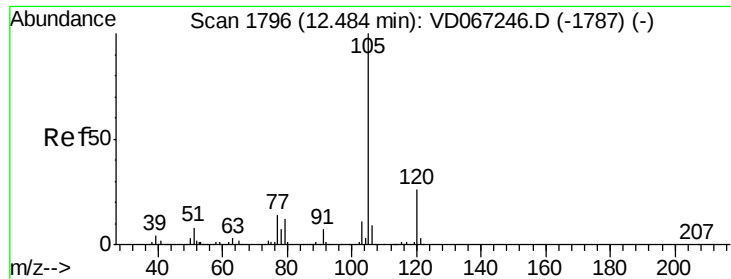


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.852 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 653841

Ion Ratio Lower Upper

105 100

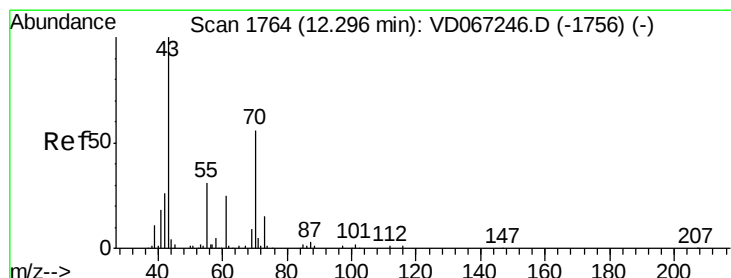
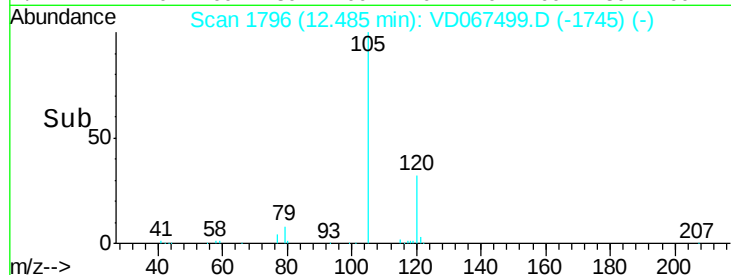
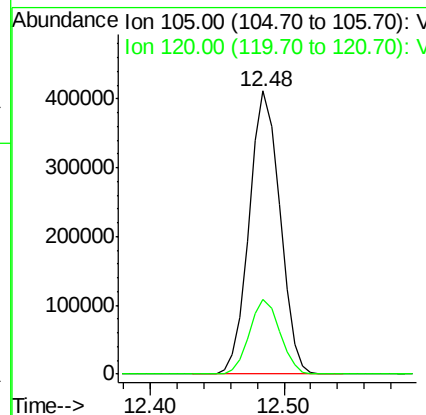
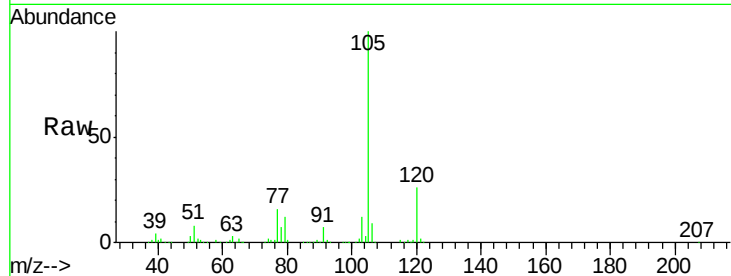
120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 45.879 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion: 43 Resp: 84132

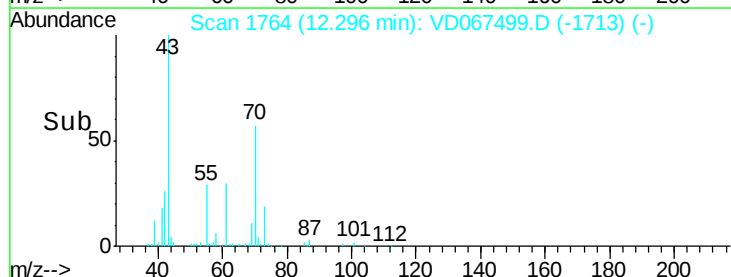
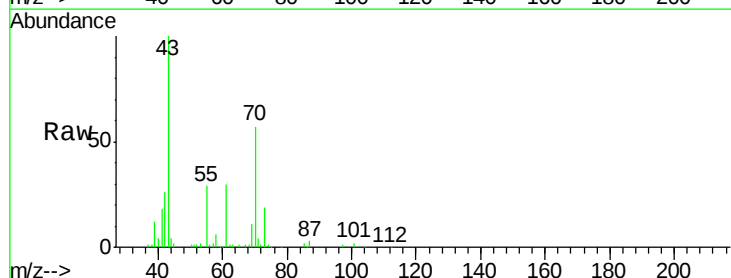
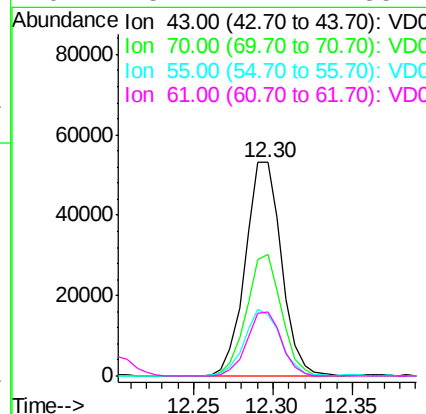
Ion Ratio Lower Upper

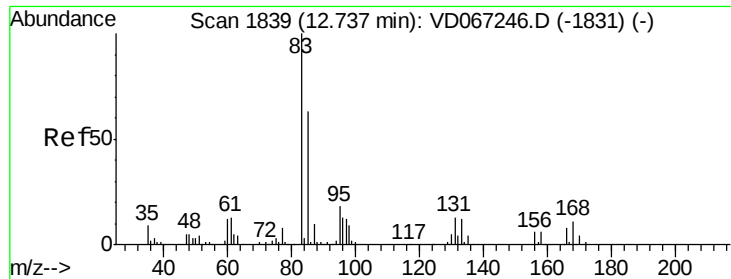
43 100

70 55.0 42.7 64.1

55 31.0 24.0 36.0

61 28.7 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.795 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

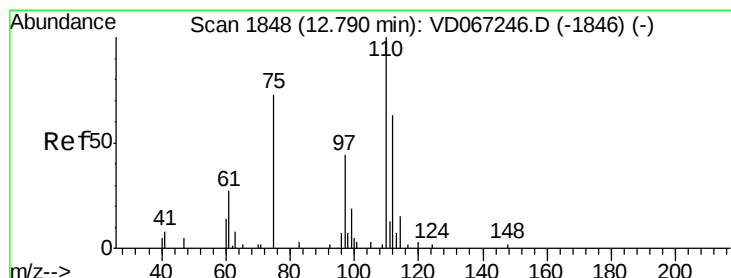
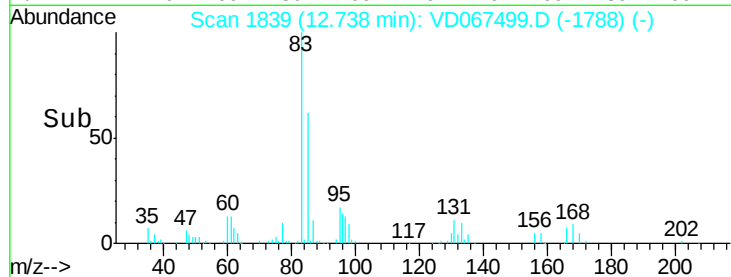
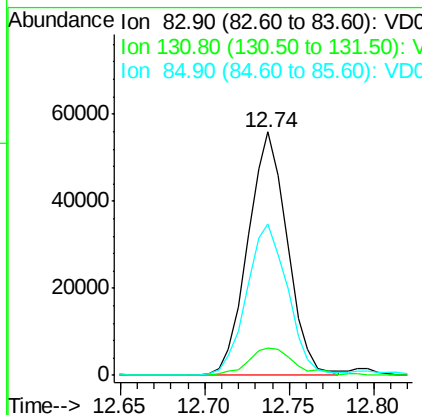
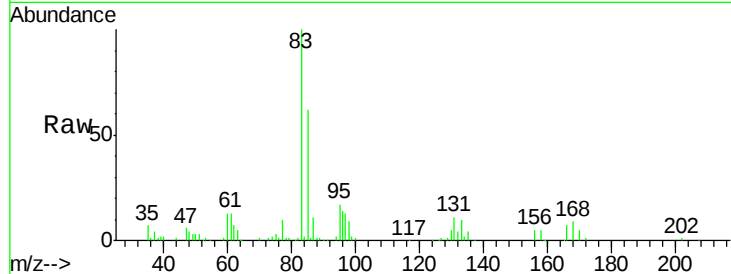
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	90777
Ion Ratio	Lower	Upper	
83	100		
131	13.5	6.5	19.5
85	64.7	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 52.010 ug/l m

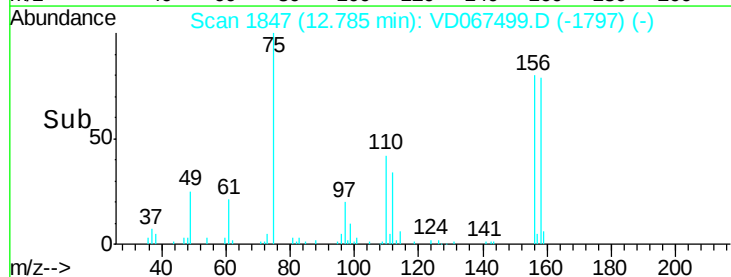
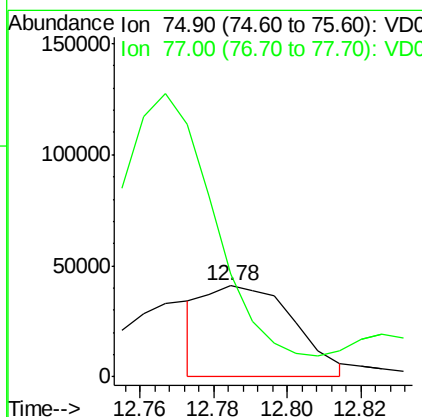
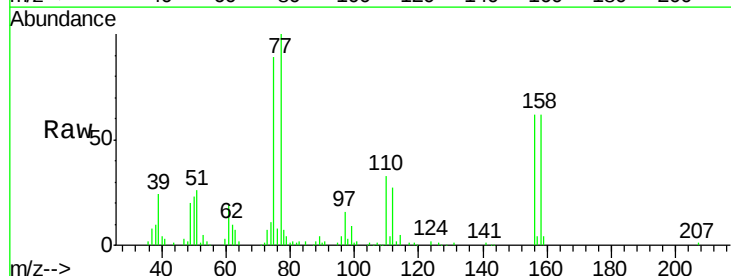
RT: 12.78 min Scan# 1847

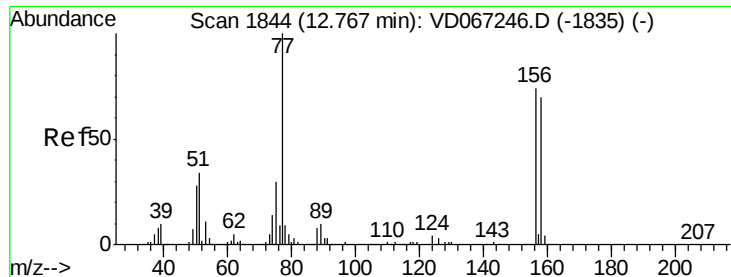
Delta R.T. -0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	75	Resp:	68961
Ion Ratio	Lower	Upper	
75	100		
77	356.4	0.0	0.0#





#77

Bromobenzene

Concen: 53.176 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

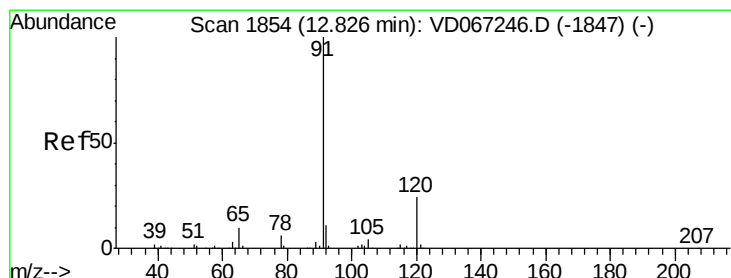
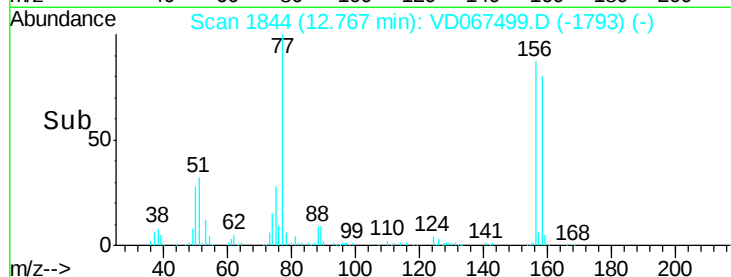
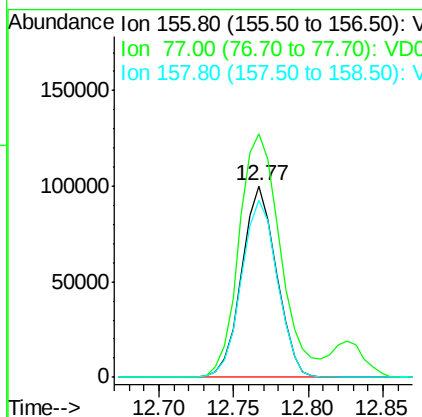
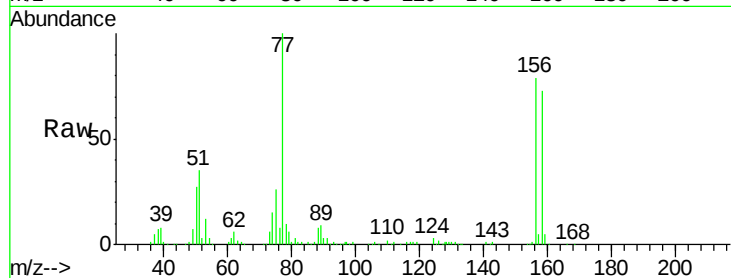
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.7	78.0	233.8
158	96.1	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 52.035 ug/l

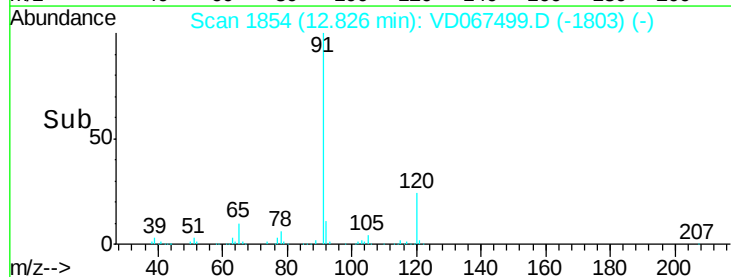
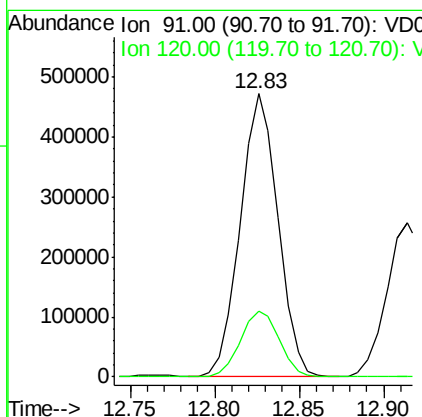
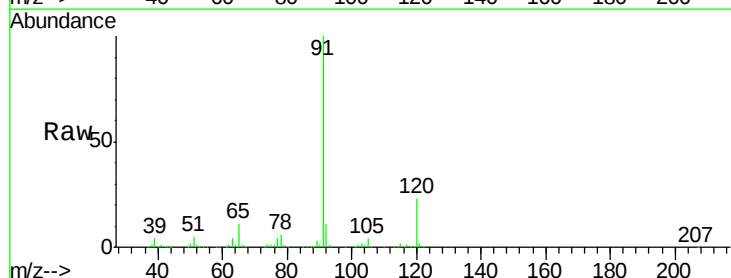
RT: 12.83 min Scan# 1854

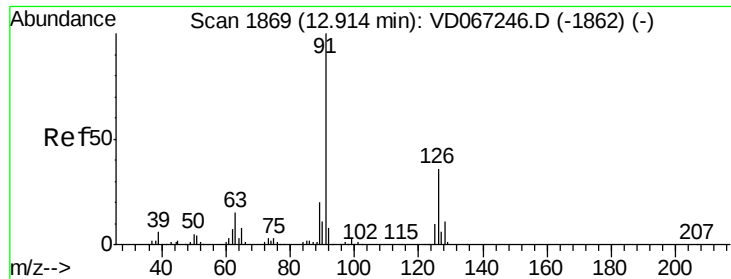
Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.9	35.9





#79

2-Chlorotoluene

Concen: 52.330 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 426912

Ion Ratio Lower Upper

91 100

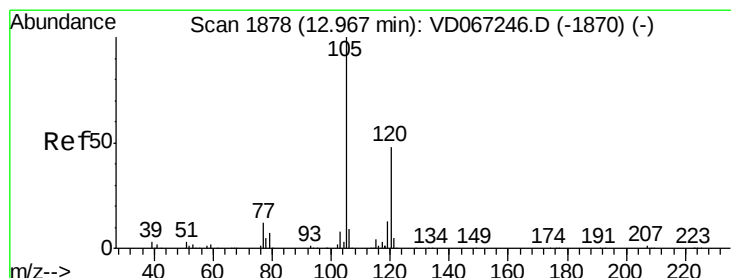
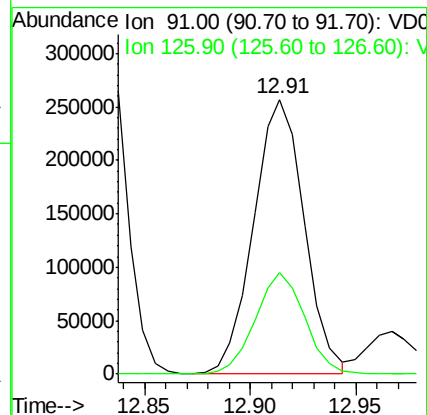
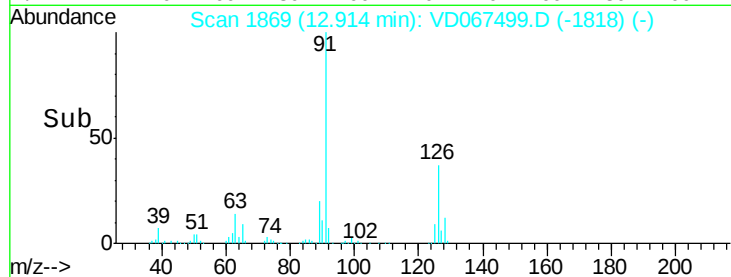
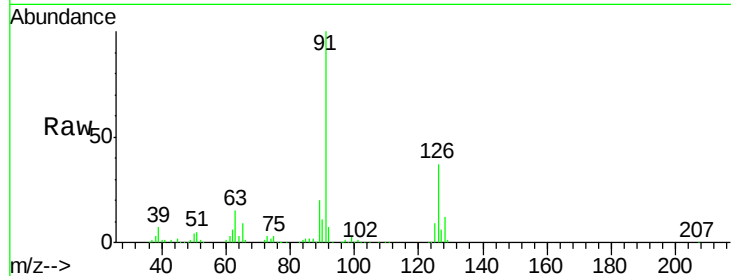
126 36.2 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 53.815 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067499.D

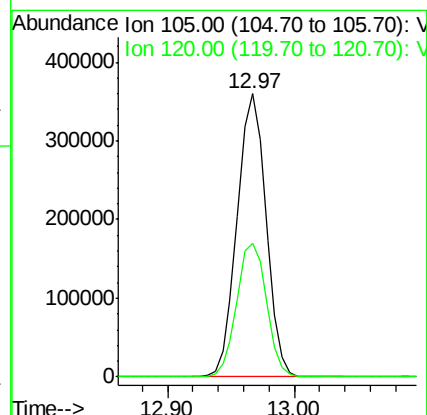
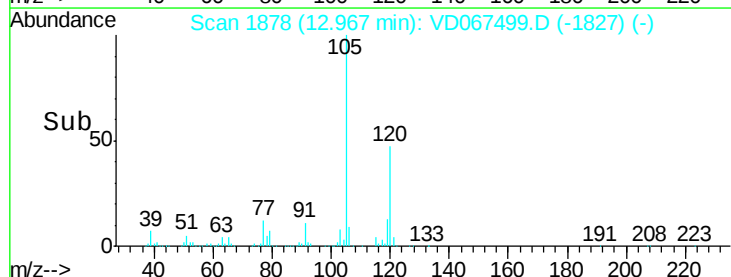
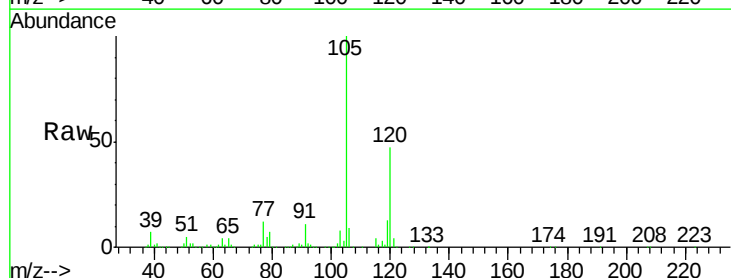
Acq: 02 Nov 2020 18:41

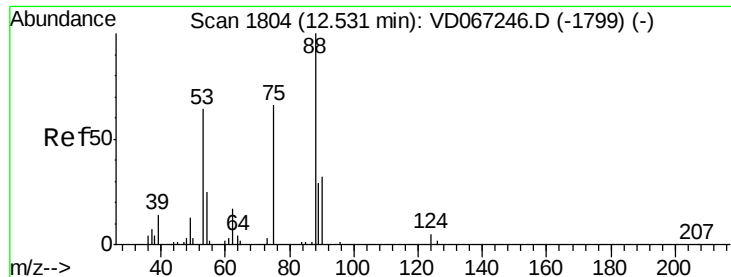
Tgt Ion: 105 Resp: 567796

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.050 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

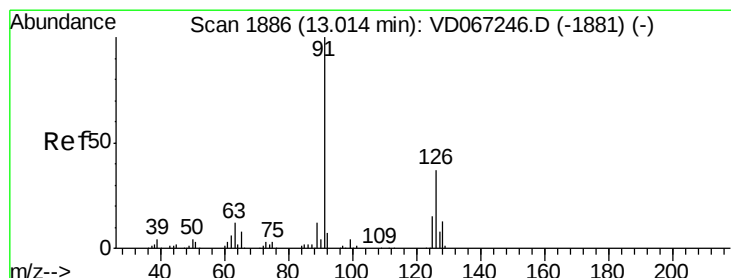
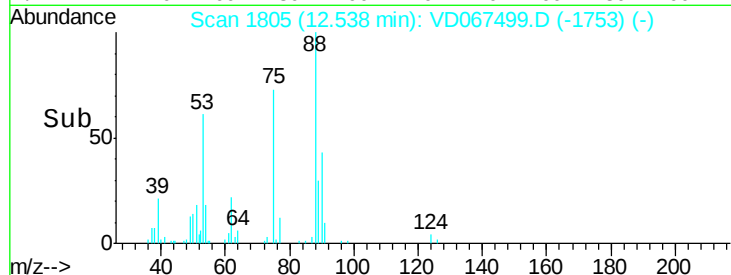
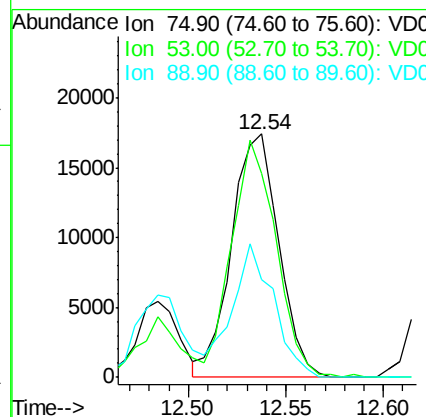
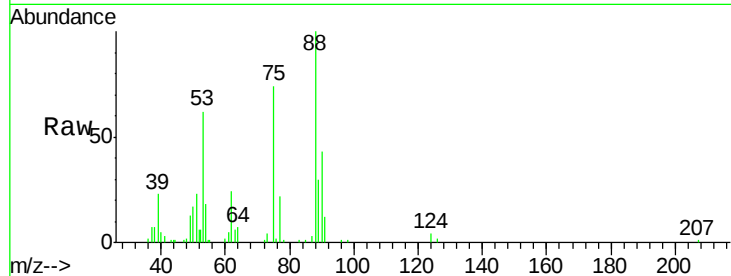
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	29264
Ion	Ratio	Lower	Upper
75	100		
53	91.7	78.5	117.7
89	48.1	39.9	59.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.603 ug/l

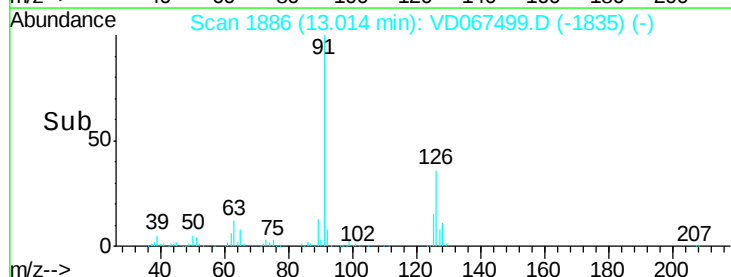
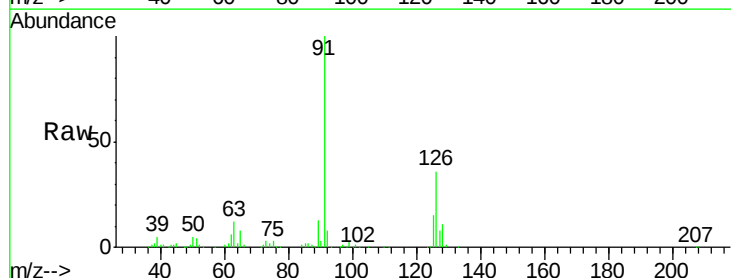
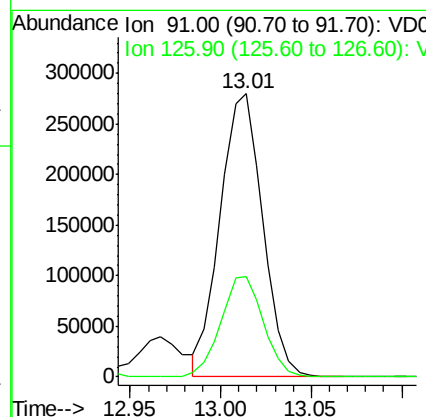
RT: 13.01 min Scan# 1886

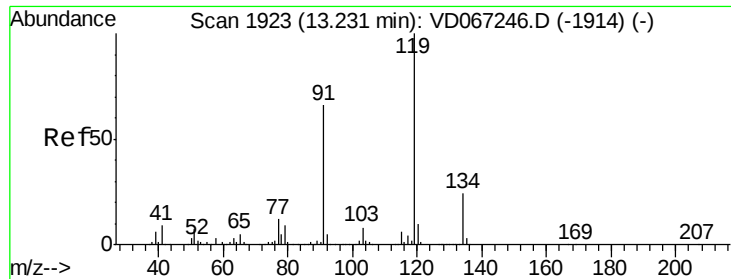
Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	91	Resp:	455463
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.5





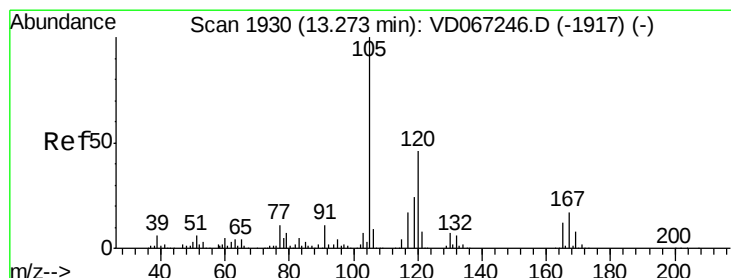
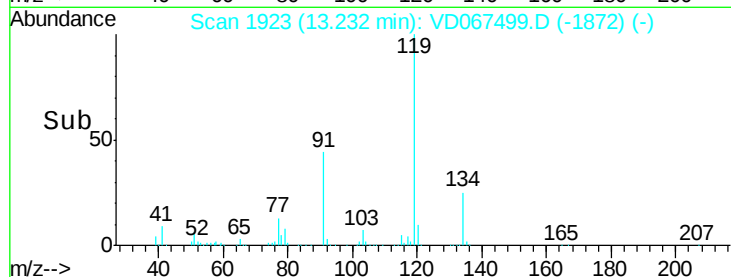
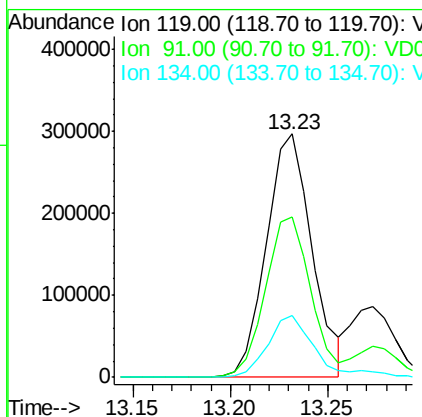
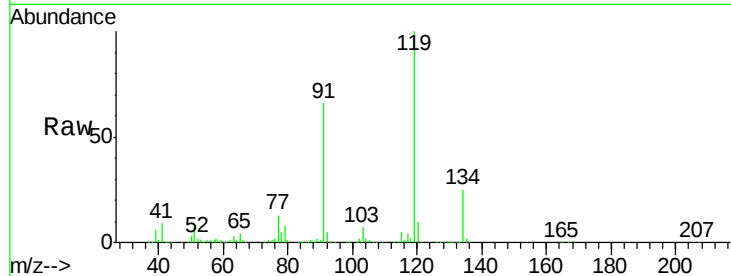
#83
tert-Butylbenzene
Concen: 54.057 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	33.1	99.2
134	26.6	13.3	39.9

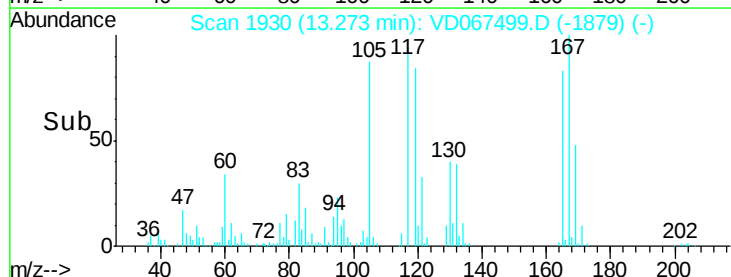
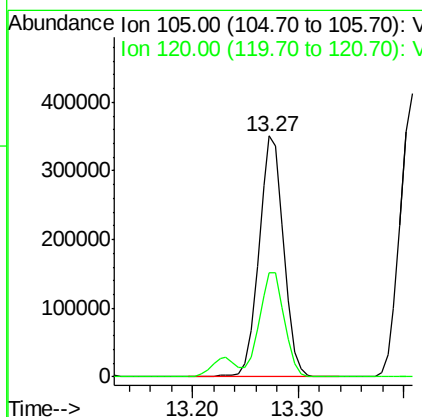
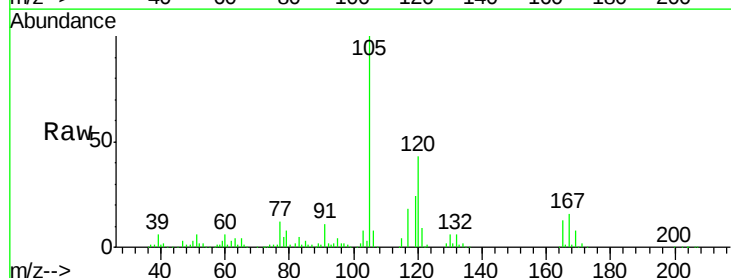
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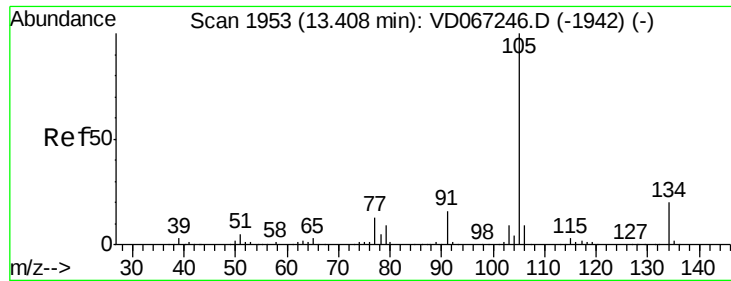
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#84
1,2,4-Trimethylbenzene
Concen: 54.639 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.3





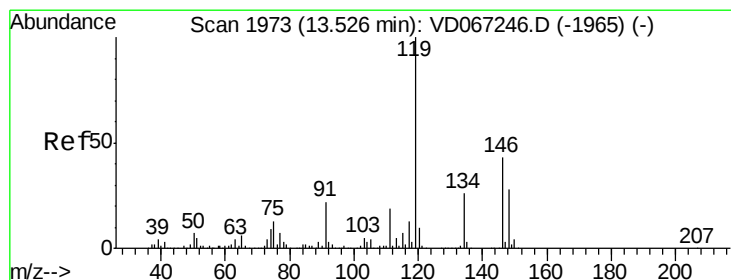
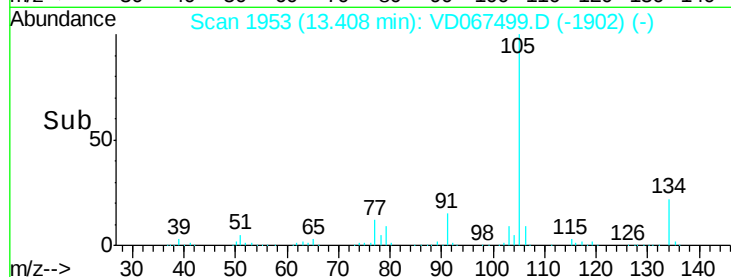
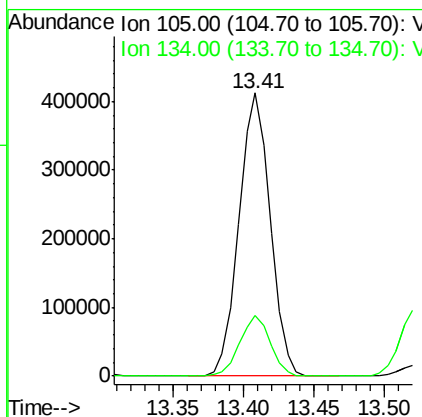
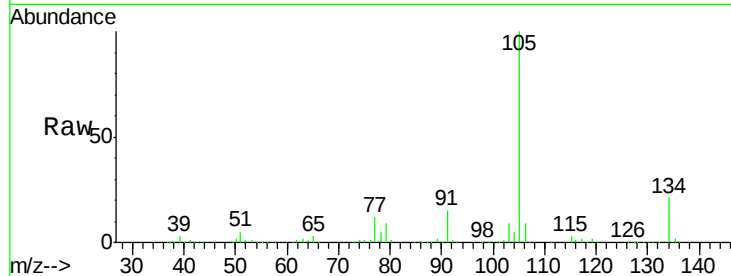
#85
 sec-Butylbenzene
 Concen: 52.106 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 637221
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

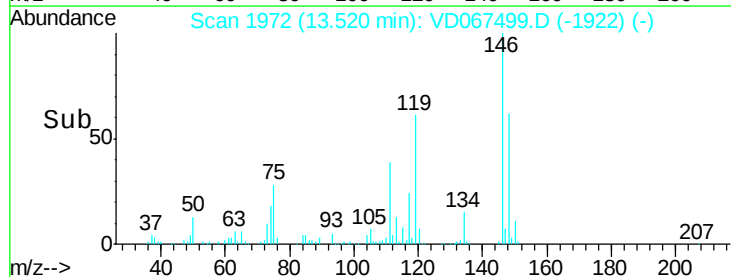
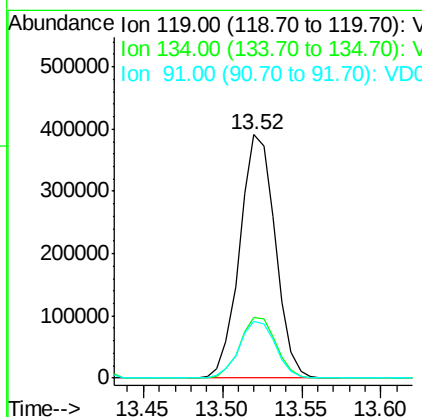
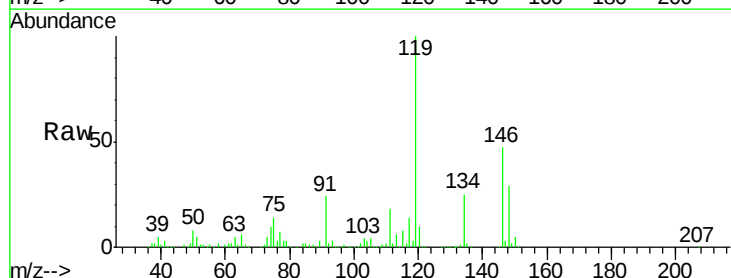
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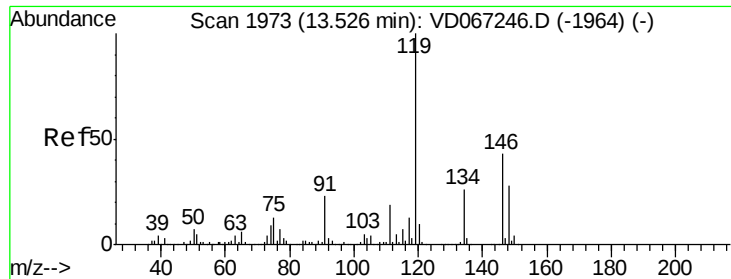
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 52.468 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion:119 Resp: 605625
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 24.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 51.659 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Instrument :

MSVOA_D

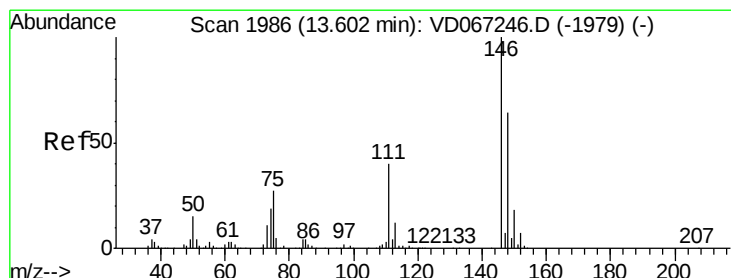
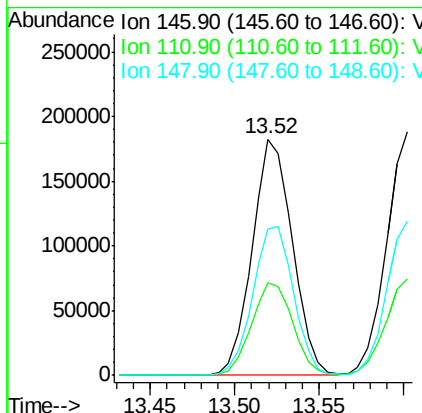
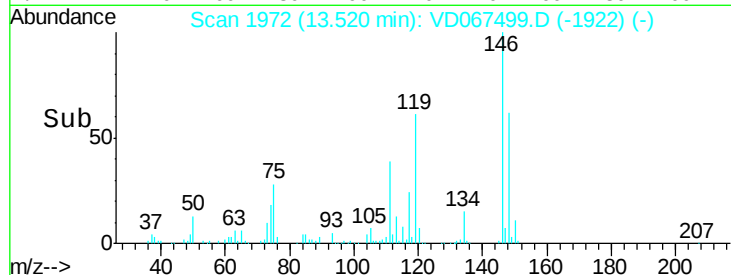
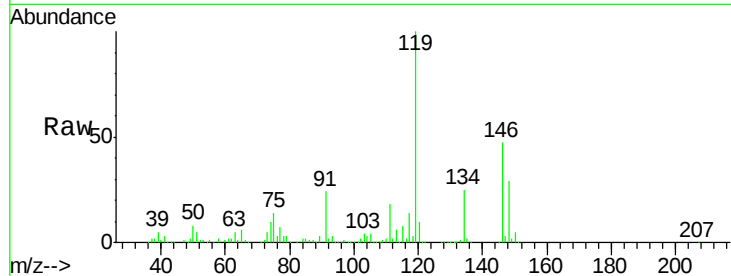
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	300977
Ion Ratio	Lower	Upper	
146	100		
111	40.1	21.1	63.3
148	64.0	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.910 ug/l

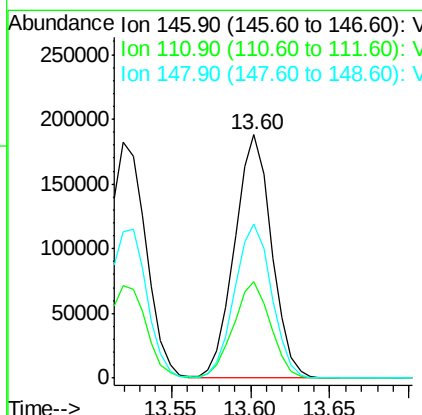
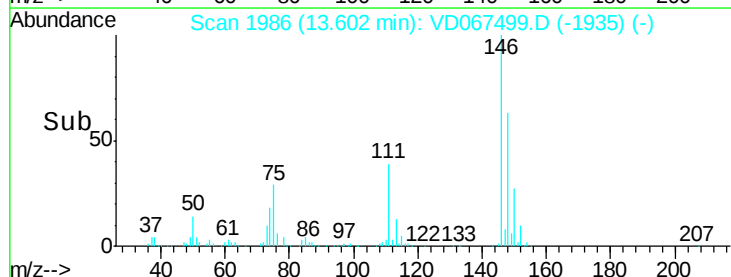
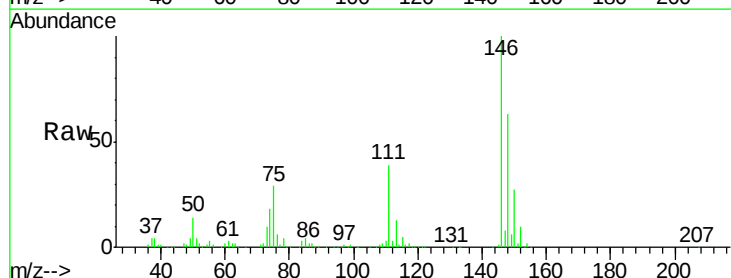
RT: 13.60 min Scan# 1986

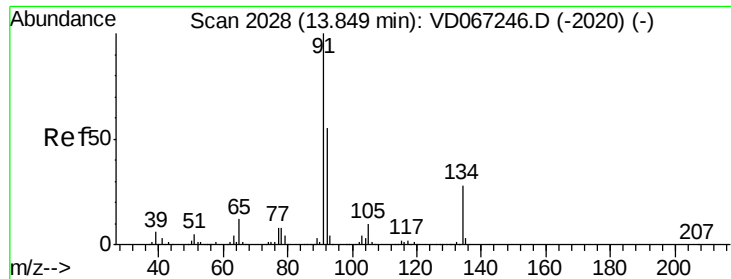
Delta R.T. 0.00 min

Lab File: VD067499.D

Acq: 02 Nov 2020 18:41

Tgt Ion:	146	Resp:	305416
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	63.2	31.9	95.9





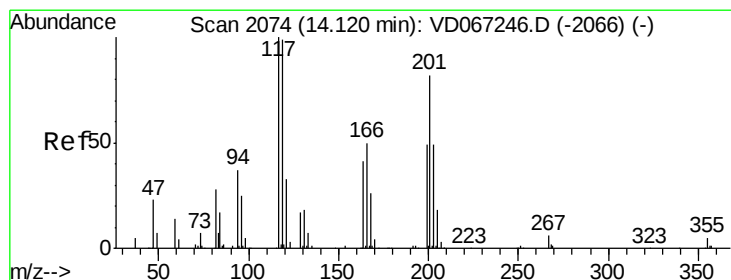
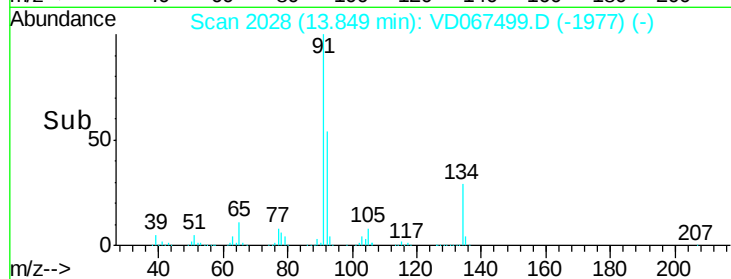
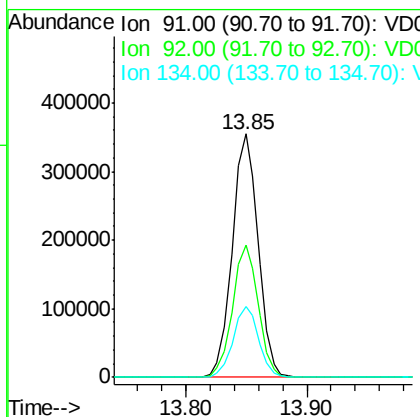
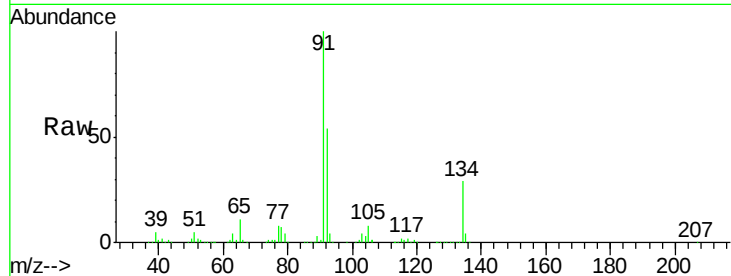
#89
n-Butylbenzene
Concen: 52.092 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		528977		
92	53.7	26.7		80.0	
134	28.8	14.2		42.6	

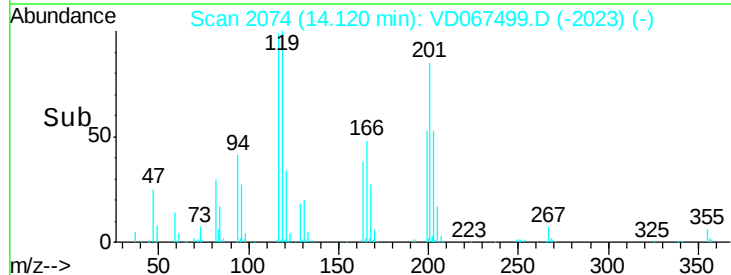
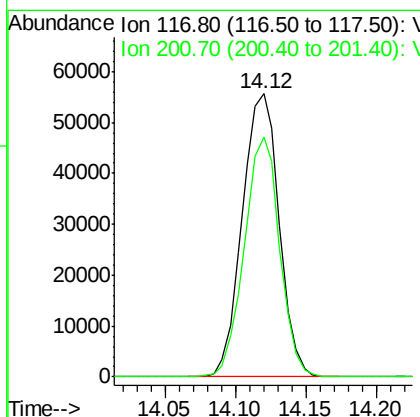
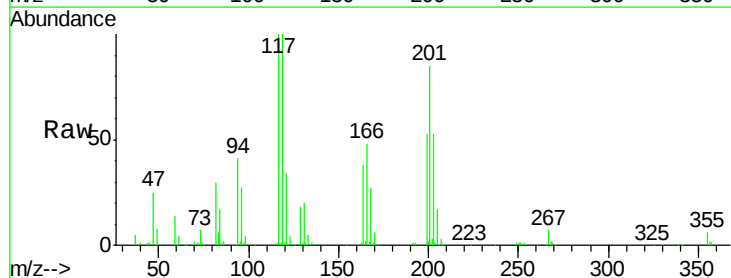
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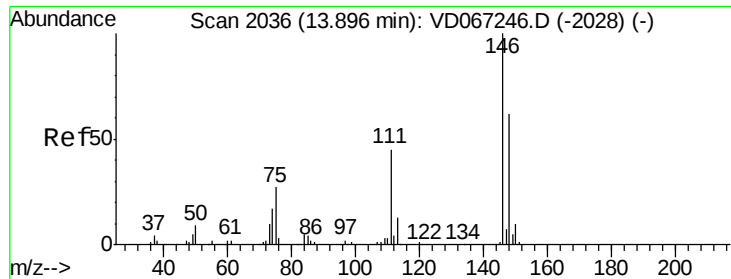
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#90
Hexachloroethane
Concen: 50.534 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		101789		
201	81.5	40.8		122.2	





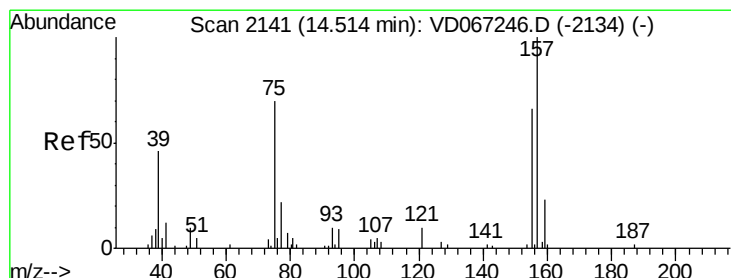
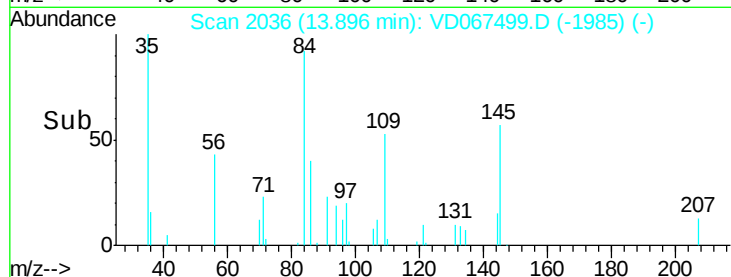
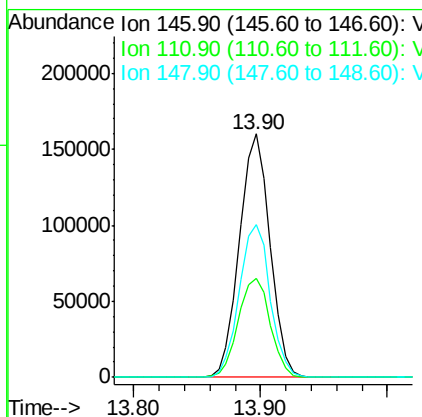
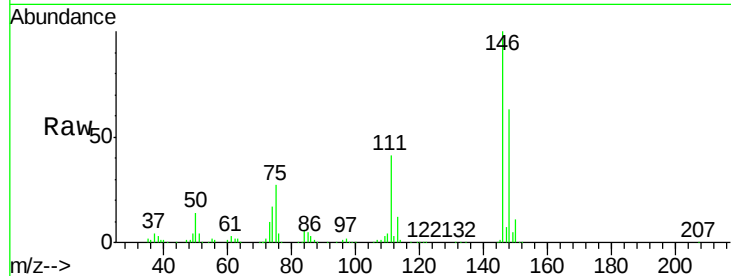
#91
 1,2-Dichlorobenzene
 Concen: 52.602 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.0	66.0
148	63.4	32.5	97.5

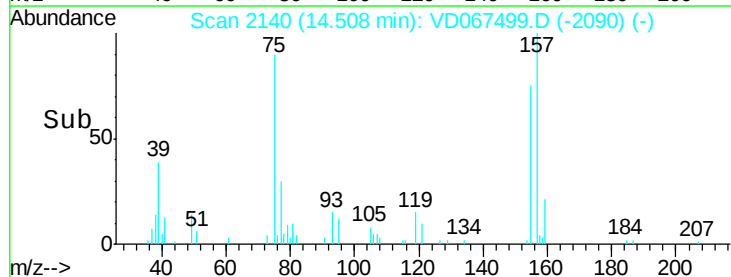
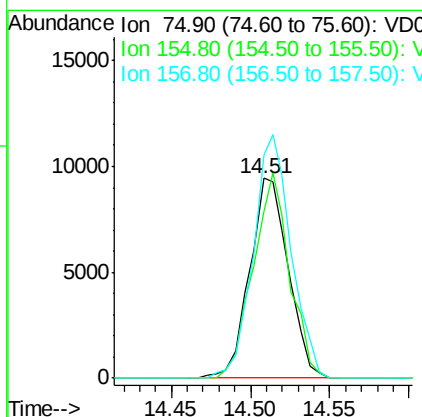
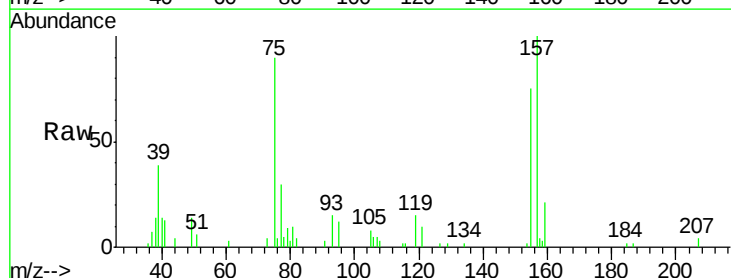
Manual Integrations
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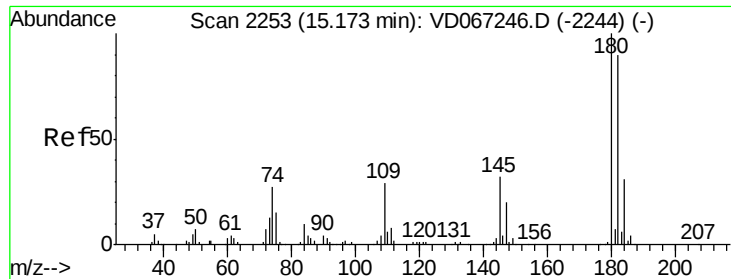
MMDadoda
 11/3/2020 2:17:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.158 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	44.8	134.4
157	119.5	62.5	187.4





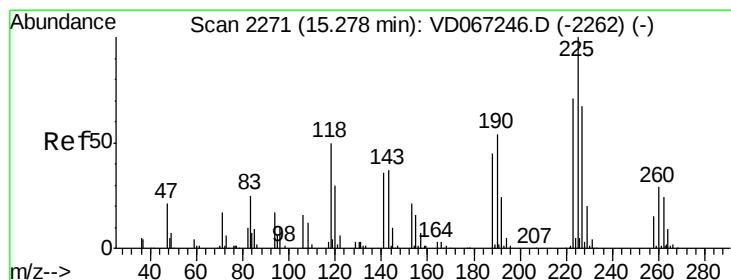
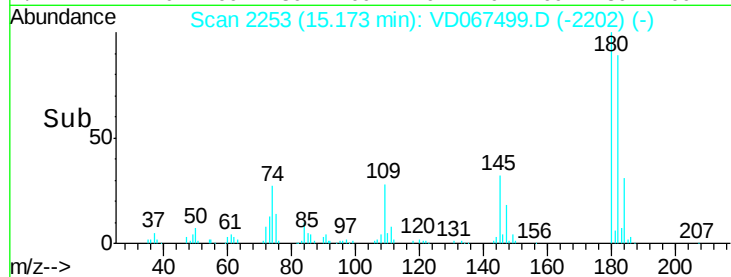
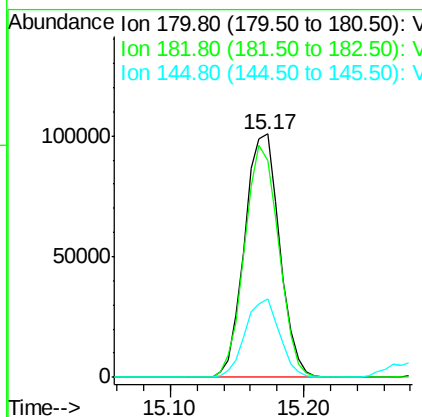
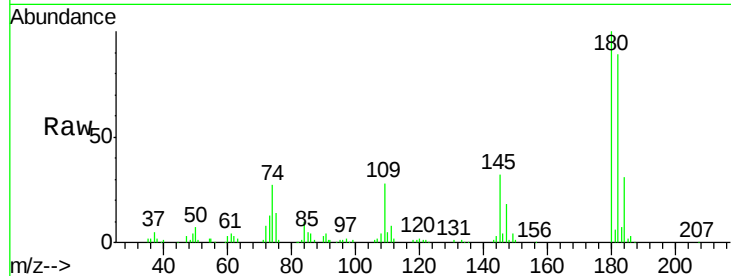
#93
 1,2,4-Trichlorobenzene
 Concen: 53.086 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182172		
182	93.4	48.1	144.4	
145	31.5	16.3	48.9	

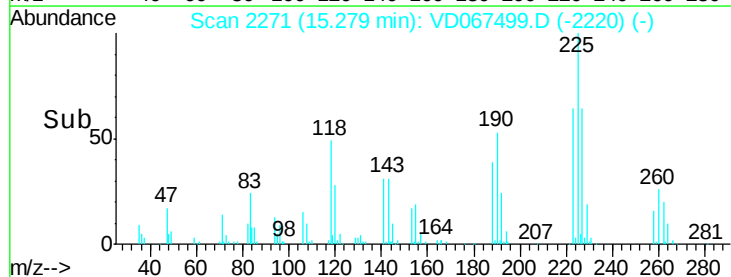
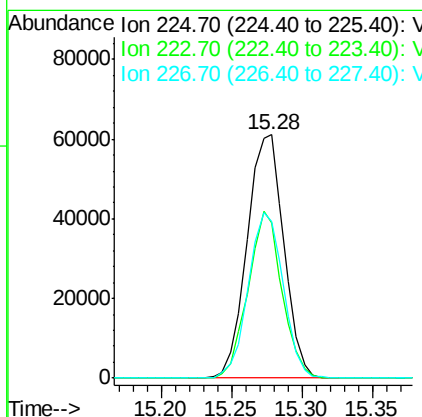
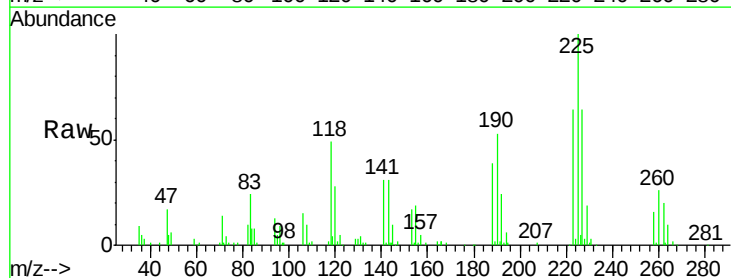
Manual Integrations
 APPROVED

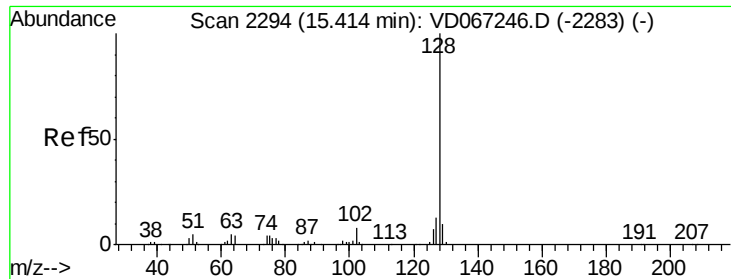
MMDadoda
 11/3/2020 2:17:41 PM



#94
 Hexachlorobutadiene
 Concen: 52.395 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067499.D
 Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111654		
223	63.0	31.9	95.7	
227	64.9	31.2	93.6	





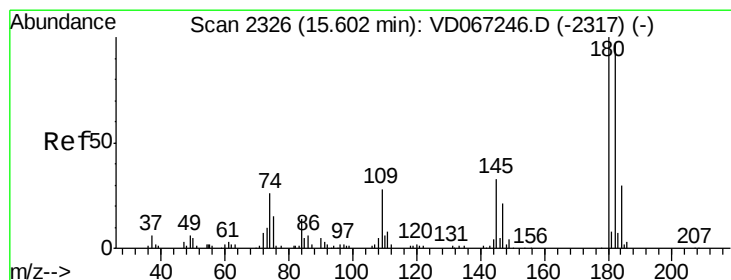
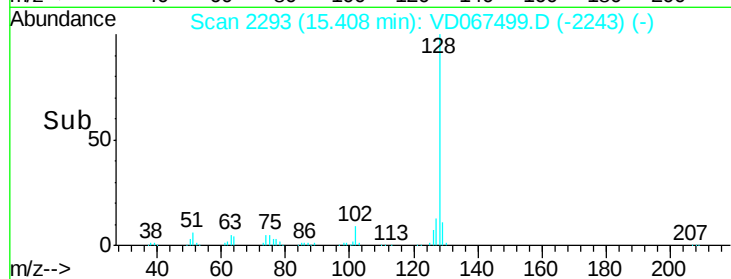
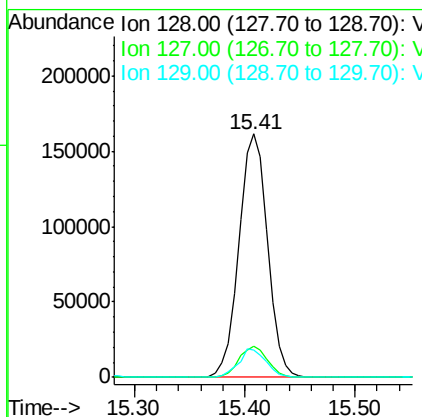
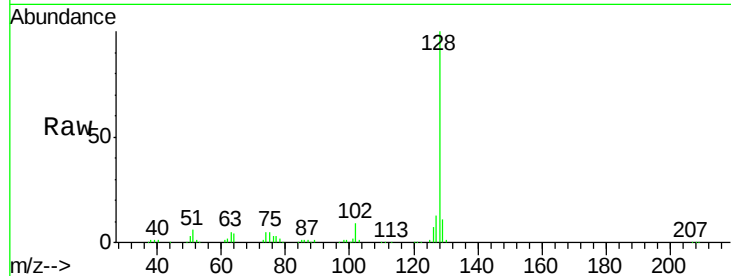
#95
Naphthalene
Concen: 52.270 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/3/2020 2:17:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.130 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067499.D
Acq: 02 Nov 2020 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.1	144.3
145	33.2	17.3	51.9

