

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067651.D
 Acq On : 17 Nov 2020 09:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:50:14 AM

Quant Time: Nov 18 00:03:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	292237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	409989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	374499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	118171	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
35) Dibromofluoromethane	7.92	113	122023	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.34	98	424228	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.64	95	150853	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	119298	50.474	ug/l	95
3) Chloromethane	2.21	50	74393	40.879	ug/l	98
4) Vinyl Chloride	2.36	62	90541	44.625	ug/l	100
5) Bromomethane	2.77	94	76542	46.545	ug/l	99
6) Chloroethane	2.93	64	58893	47.082	ug/l	95
7) Trichlorofluoromethane	3.28	101	268948	51.195	ug/l	93
8) Diethyl Ether	3.71	74	50631	47.830	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	135639	51.150	ug/l	99
10) Methyl Iodide	4.30	142	138639	48.780	ug/l	99
11) Tert butyl alcohol	5.21	59	29108	265.596	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	118918	48.754	ug/l	95
13) Acrolein	3.93	56	24796	222.184	ug/l	99
14) Allyl chloride	4.72	41	122915	47.085	ug/l	98
15) Acrylonitrile	5.43	53	96569	246.790	ug/l	97
16) Acetone	4.16	43	103804	271.464	ug/l	97
17) Carbon Disulfide	4.41	76	341112	45.638	ug/l	99
18) Methyl Acetate	4.71	43	38379	48.570	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	243369	50.583	ug/l	100
20) Methylene Chloride	4.97	84	130289	48.235	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	139175	48.988	ug/l	97
22) Diisopropyl ether	6.36	45	259986	51.106	ug/l	99
23) Vinyl Acetate	6.30	43	687227	258.077	ug/l	98
24) 1,1-Dichloroethane	6.27	63	207151	49.775	ug/l	98
25) 2-Butanone	7.21	43	102485	250.827	ug/l	94
26) 2,2-Dichloropropane	7.21	77	231258	52.651	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	150640	51.085	ug/l	99
28) Bromochloromethane	7.55	49	73791	49.847	ug/l	98
29) Tetrahydrofuran	7.57	42	62374	254.852	ug/l	98
30) Chloroform	7.71	83	258184	52.001	ug/l	99
31) Cyclohexane	7.99	56	170092	45.895	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	264196	51.573	ug/l	100
36) 1,1-Dichloropropene	8.11	75	189890	54.108	ug/l	99
37) Ethyl Acetate	7.30	43	47930	52.606	ug/l	99
38) Carbon Tetrachloride	8.10	117	262066	57.474	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	224990	54.470	ug/l	96
40) Benzene	8.35	78	510809	53.734	ug/l	98
41) Methacrylonitrile	7.54	41	27088m	49.738	ug/l	
42) 1,2-Dichloroethane	8.43	62	163896	55.802	ug/l	97
43) Isopropyl Acetate	8.46	43	93618	51.955	ug/l	97
44) Trichloroethene	9.12	130	165683	53.006	ug/l	86
45) 1,2-Dichloropropane	9.39	63	108942	53.005	ug/l	94
46) Dibromomethane	9.48	93	70071	53.619	ug/l	97
47) Bromodichloromethane	9.67	83	199537	56.177	ug/l	99
48) Methyl methacrylate	9.46	41	51251	55.087	ug/l	97
49) 1,4-Dioxane	9.47	88	13408	1010.665	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	237566	275.673	ug/l	99
52) Toluene	10.41	92	357948	56.217	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	171945	56.522	ug/l	91
54) cis-1,3-Dichloropropene	10.10	75	193971	53.667	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	92915	53.736	ug/l	97
56) Ethyl methacrylate	10.67	69	98799	55.332	ug/l	99
57) 1,3-Dichloropropane	10.95	76	151797	54.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	221232	265.691	ug/l	100
59) 2-Hexanone	10.99	43	178760	296.674	ug/l	99
60) Dibromochloromethane	11.14	129	144888	56.646	ug/l	99
61) 1,2-Dibromoethane	11.25	107	94574	54.497	ug/l	99
64) Tetrachloroethene	10.88	164	149745	53.991	ug/l	97
65) Chlorobenzene	11.67	112	382768	53.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	157718	55.471	ug/l	98
67) Ethyl Benzene	11.75	91	694720	56.278	ug/l	99
68) m/p-Xylenes	11.86	106	537910	112.006	ug/l	98
69) o-Xylene	12.18	106	244276	56.970	ug/l	98
70) Styrene	12.20	104	418589	56.024	ug/l	98
71) Bromoform	12.37	173	79479	54.811	ug/l #	99
73) Isopropylbenzene	12.48	105	699499	56.883	ug/l	99
74) N-amyl acetate	12.29	43	83450	51.573	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	87390	52.115	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	57106m	49.751	ug/l	
77) Bromobenzene	12.77	156	167547	55.479	ug/l	96
78) n-propylbenzene	12.83	91	798129	56.743	ug/l	100
79) 2-Chlorotoluene	12.91	91	447355	55.989	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	606800	57.764	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29198	51.644	ug/l	98
82) 4-Chlorotoluene	13.01	91	486533	56.776	ug/l	99
83) tert-Butylbenzene	13.23	119	516902	58.060	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	609983	58.335	ug/l	100
85) sec-Butylbenzene	13.41	105	689488	57.369	ug/l	99
86) p-Isopropyltoluene	13.52	119	667048	57.475	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	318231	55.223	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	309374	53.020	ug/l	99
89) n-Butylbenzene	13.85	91	576500	57.508	ug/l	99
90) Hexachloroethane	14.12	117	123743	56.618	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	271529	54.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16619	55.976	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189165	55.883	ug/l	97
94) Hexachlorobutadiene	15.27	225	127274	56.179	ug/l	98
95) Naphthalene	15.41	128	292343	55.963	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	160277	55.293	ug/l	99

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

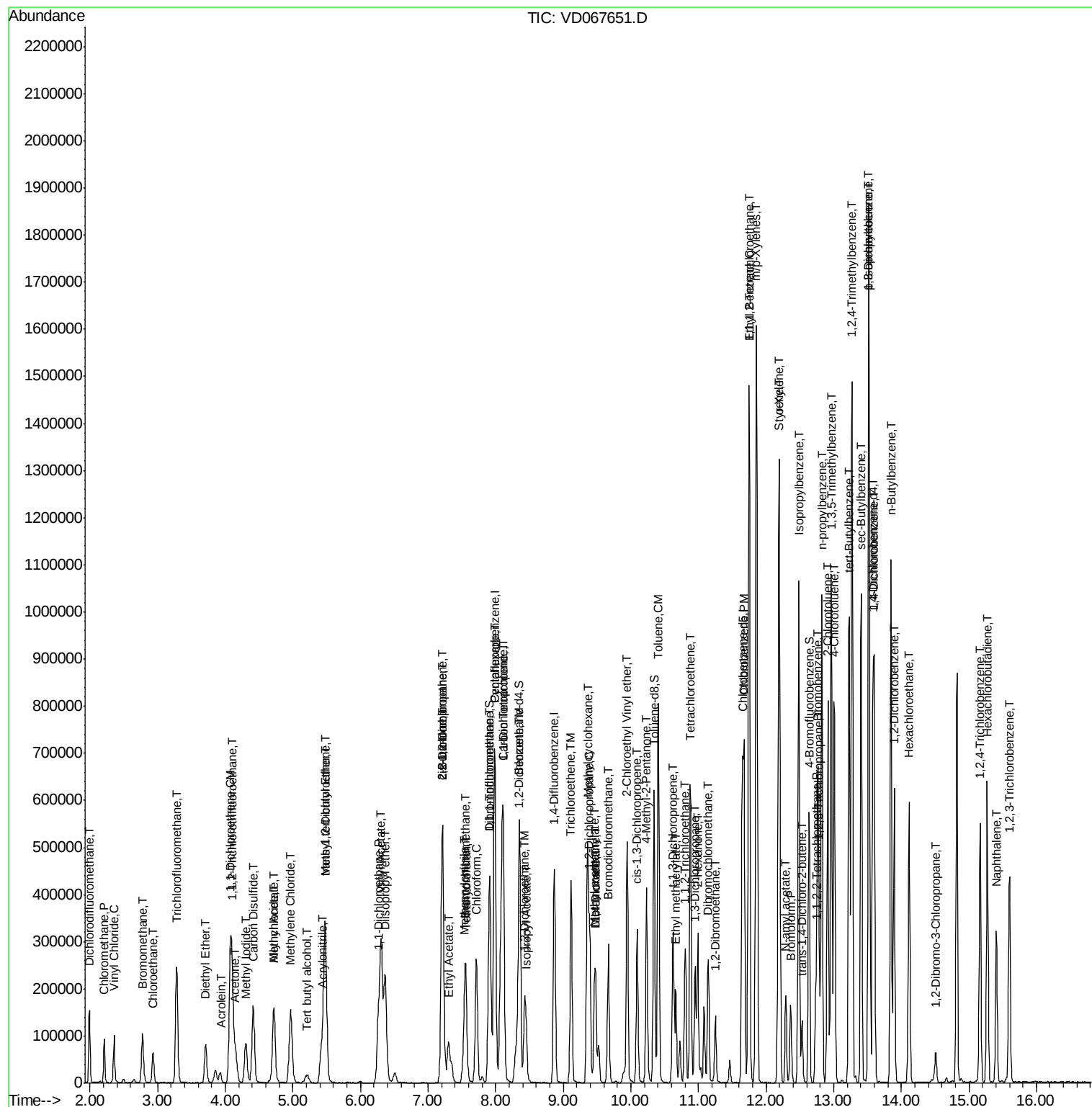
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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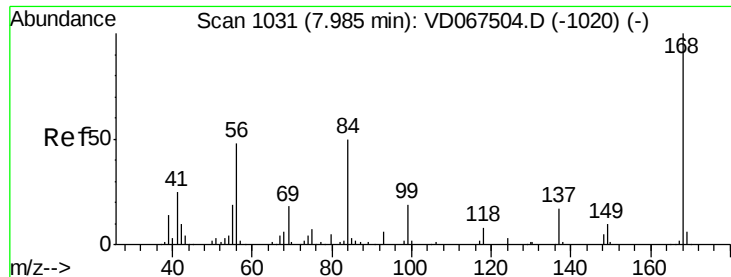
Instrument :
 MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 292237

Ion Ratio Lower Upper

168 100

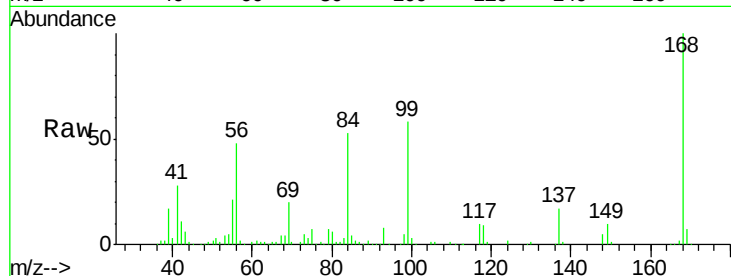
99 57.3 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

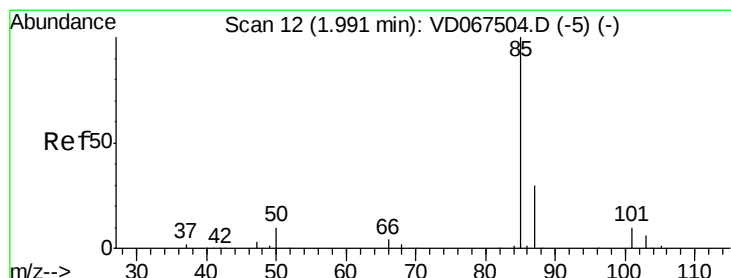
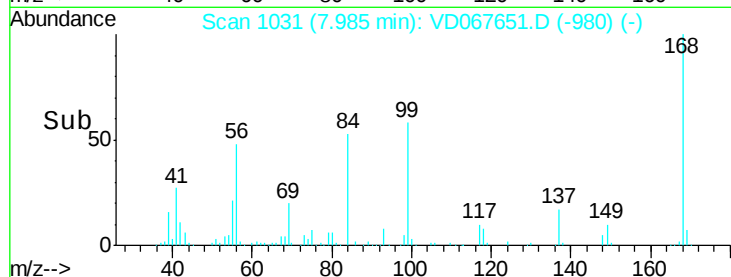
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.474 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067651.D

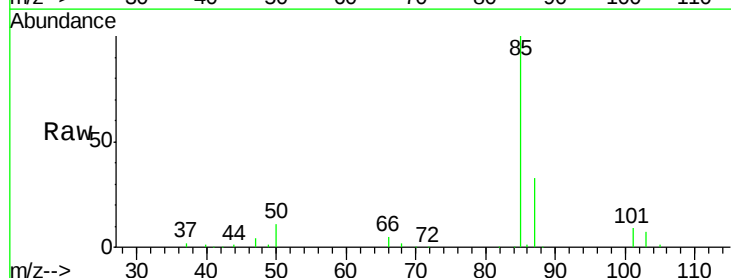
Acq: 17 Nov 2020 09:52

Tgt Ion: 85 Resp: 119298

Ion Ratio Lower Upper

85 100

87 33.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

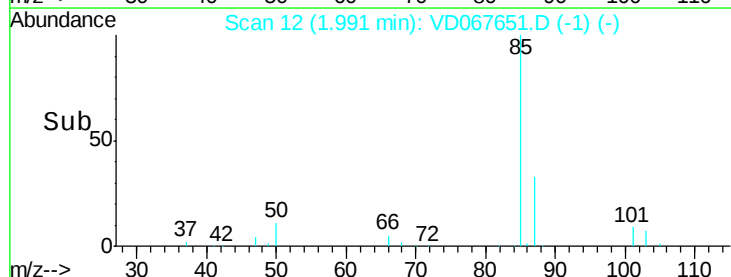
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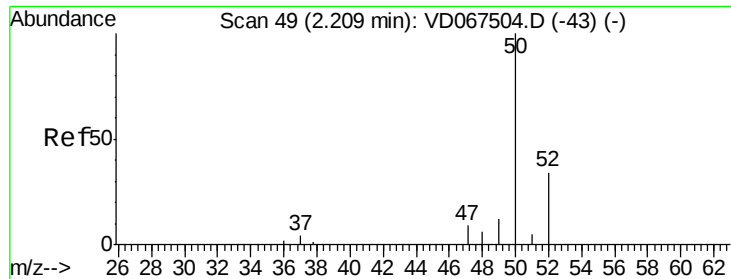
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20000

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Time-->





#3

Chloromethane

Concen: 40.879 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 74393

Ion Ratio Lower Upper

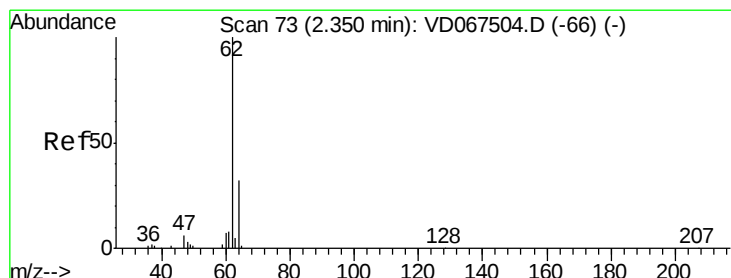
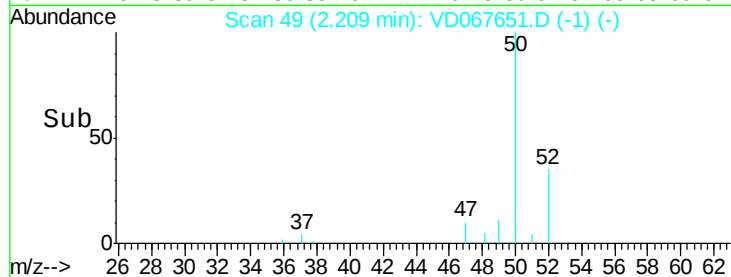
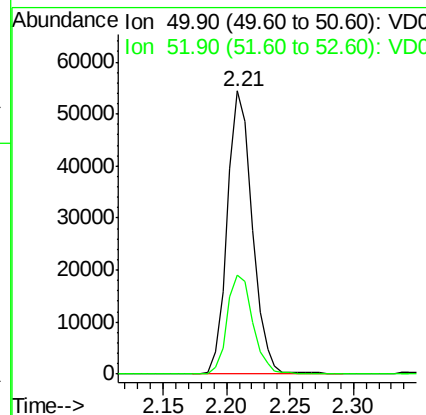
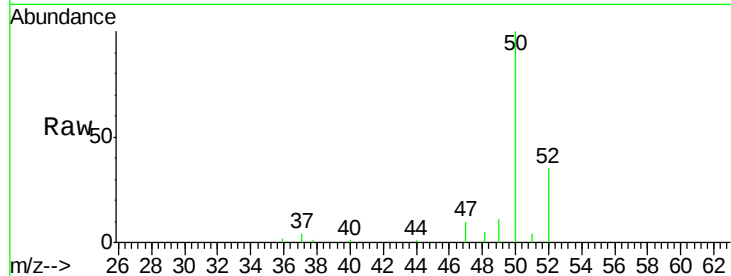
50 100

52 35.0 27.3 40.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 44.625 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067651.D

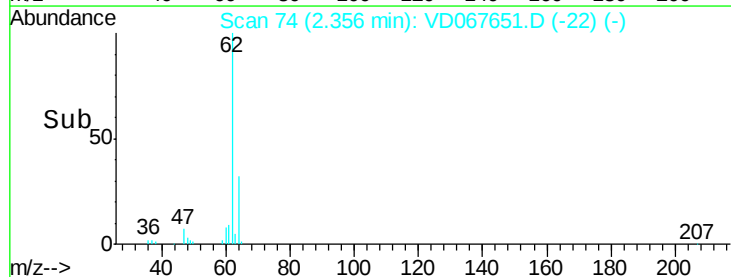
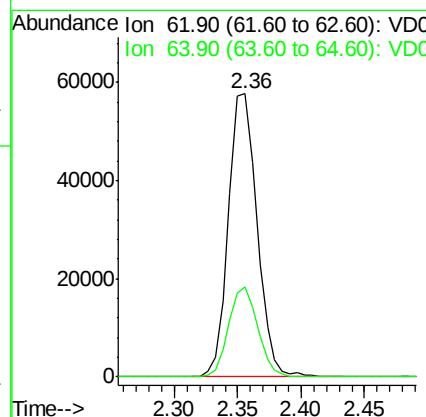
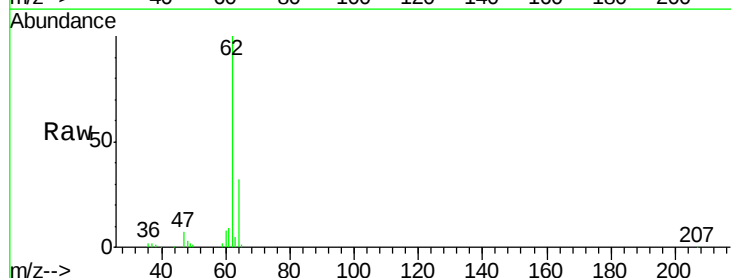
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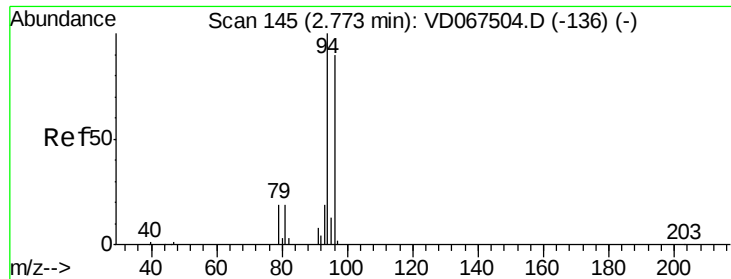
Tgt Ion: 62 Resp: 90541

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 46.545 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76542

Ion Ratio Lower Upper

94 100

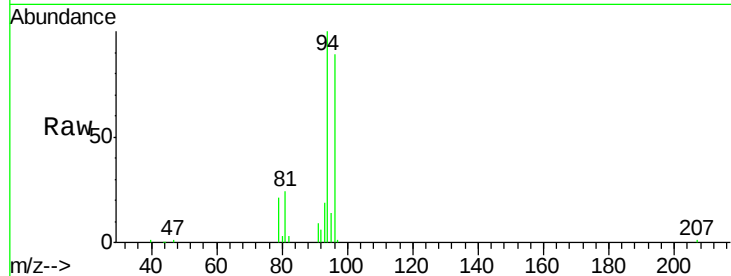
96 89.2 72.2 108.2

Manual Integrations

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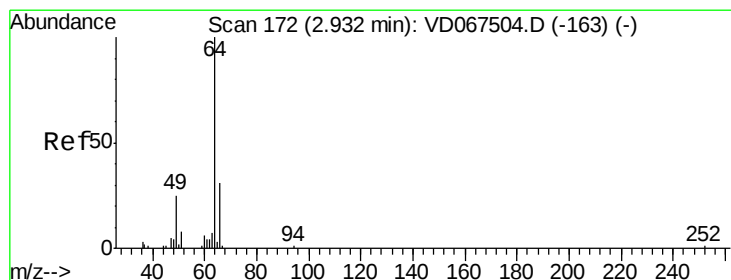
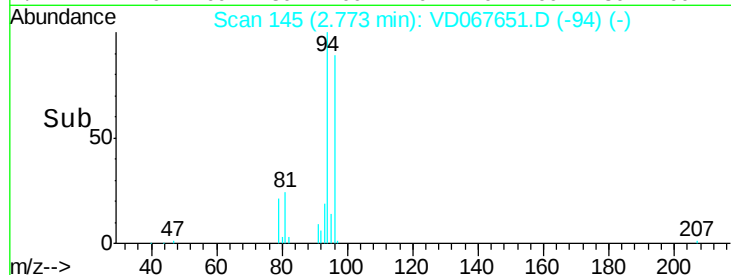
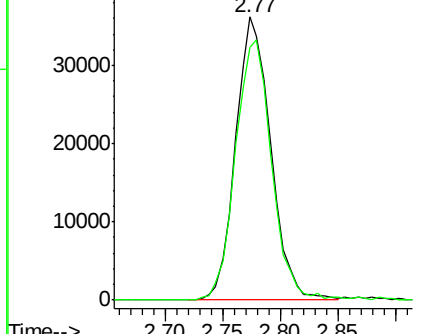
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.082 ug/l

RT: 2.93 min Scan# 172

Delta R.T. -0.00 min

Lab File: VD067651.D

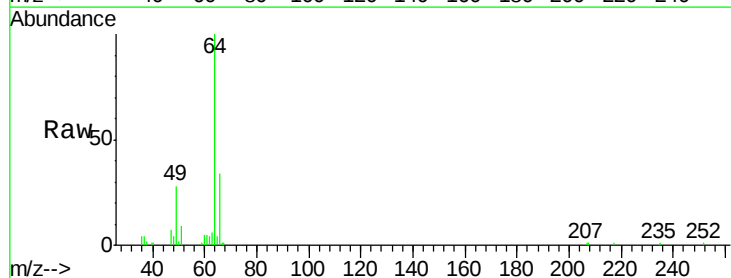
Acq: 17 Nov 2020 09:52

Tgt Ion: 64 Resp: 58893

Ion Ratio Lower Upper

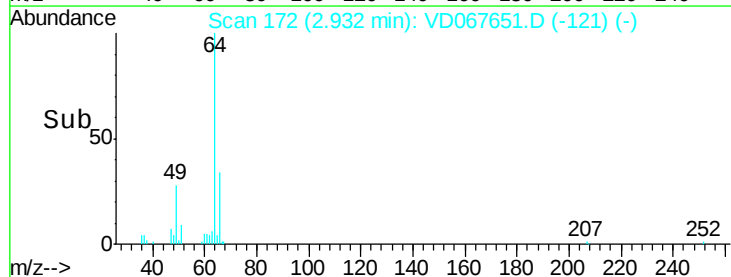
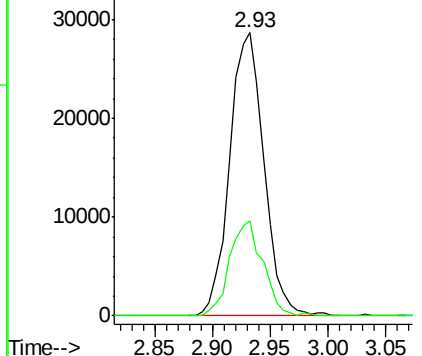
64 100

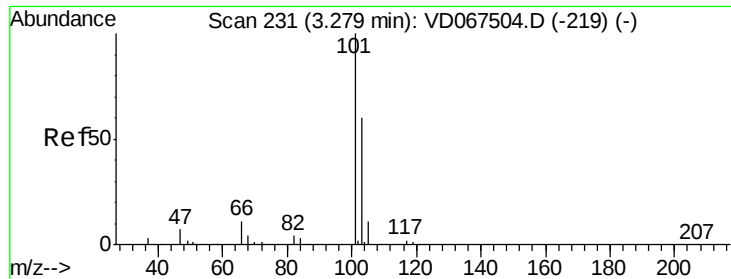
66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

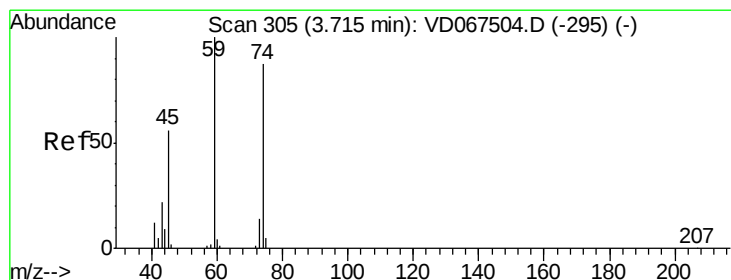
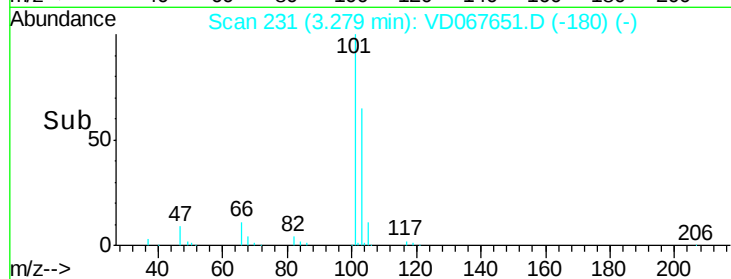
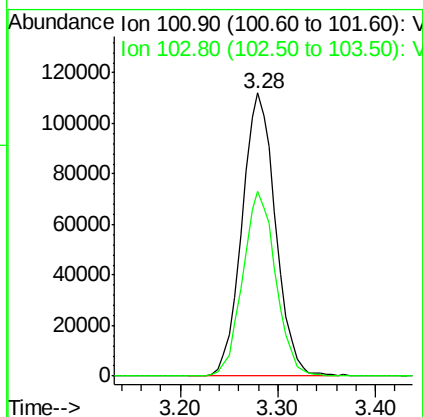
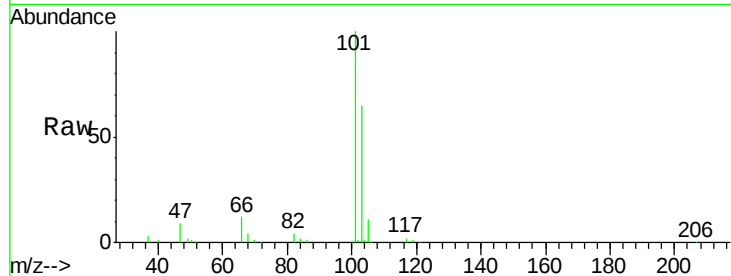
Trichlorofluoromethane
 Concen: 51.195 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VD067651.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		268948		
103	65.4	48.1	72.1		

Manual Integrations
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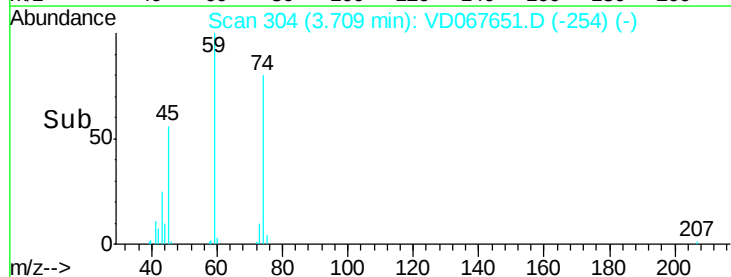
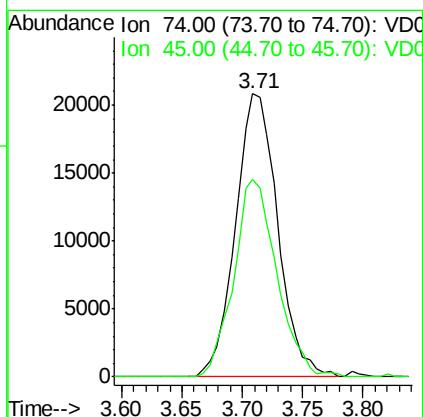
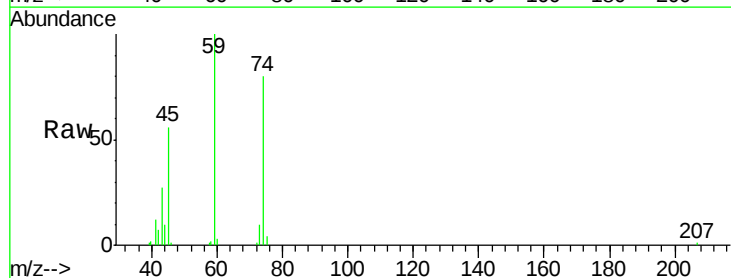
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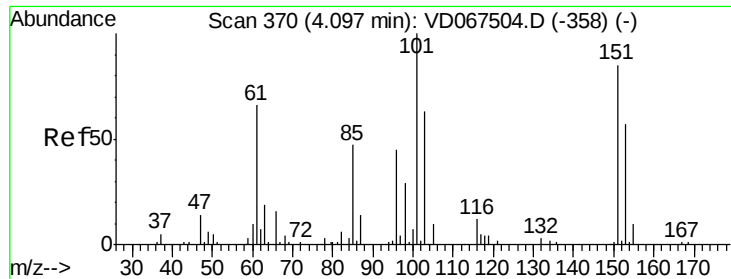


#8

Diethyl Ether
 Concen: 47.830 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		50631		
45	71.2	38.2	114.6		





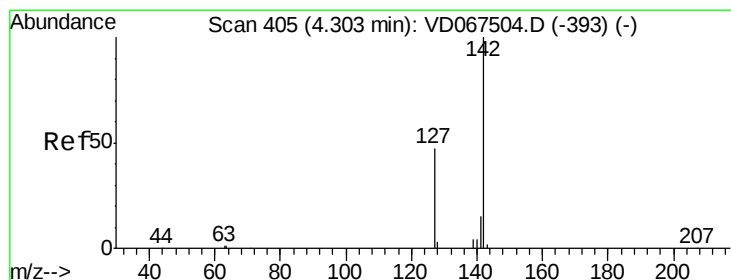
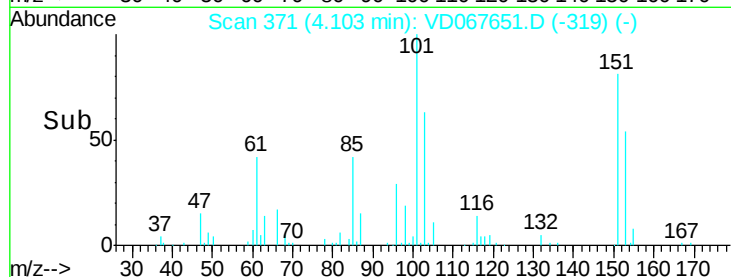
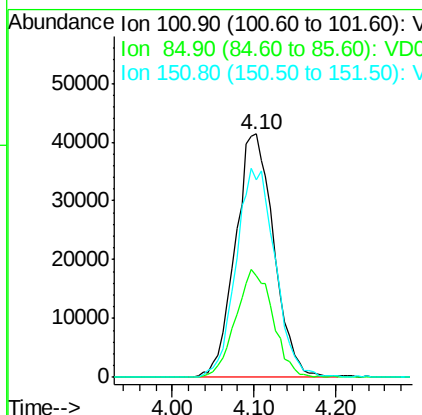
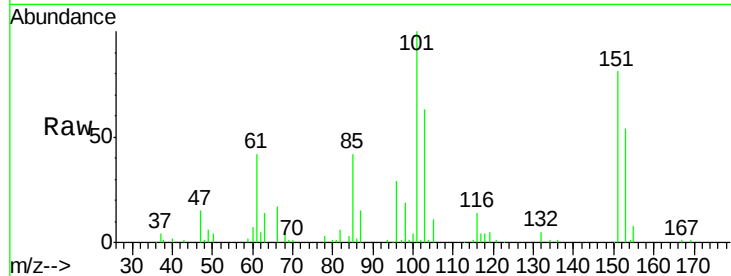
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.150 ug/l
RT: 4.10 min Scan# 371
Delta R.T. 0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.4	51.6
151	86.4	68.1	102.1

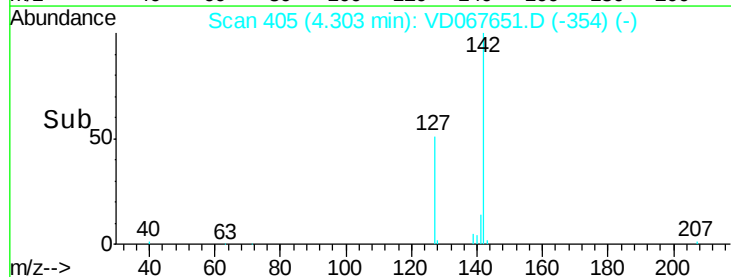
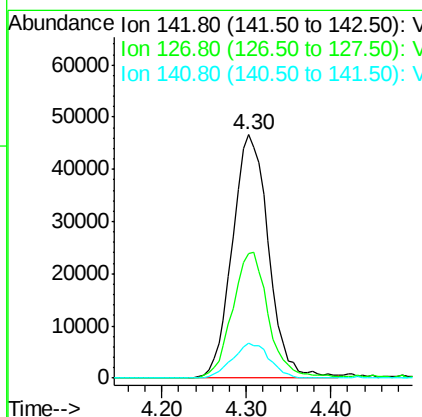
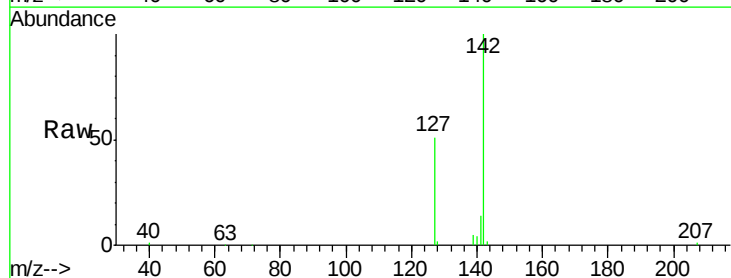
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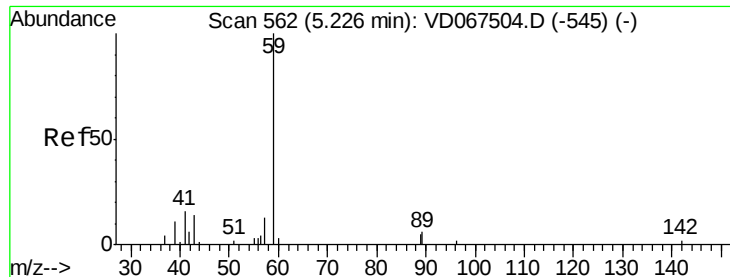
MMDadoda
11/18/2020 10:50:14 AM



#10
Methyl Iodide
Concen: 48.780 ug/l
RT: 4.30 min Scan# 405
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.9	40.0	60.0
141	14.6	11.7	17.5





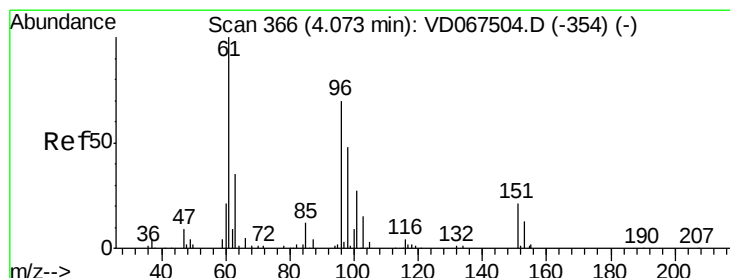
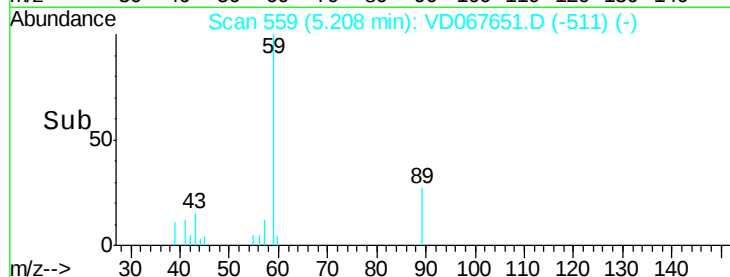
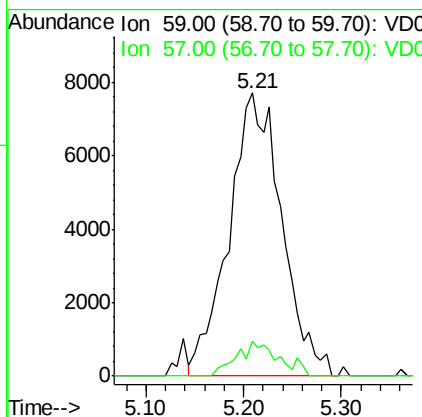
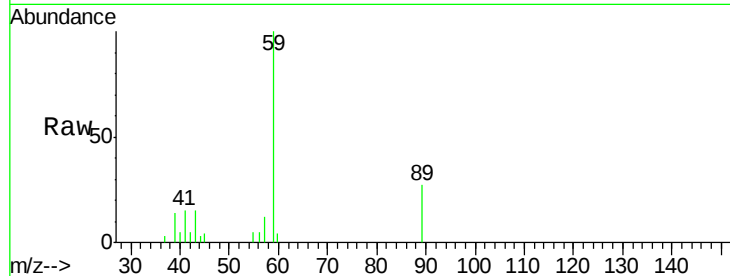
#11
Tert butyl alcohol
Concen: 265.596 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	5.9	8.9#

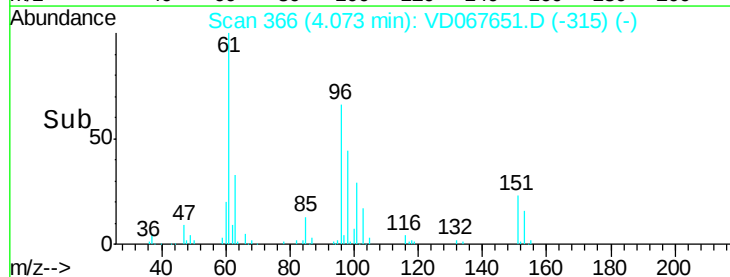
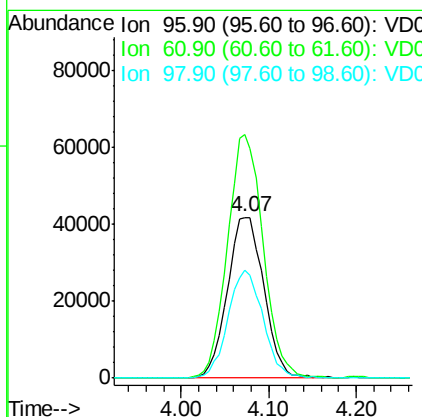
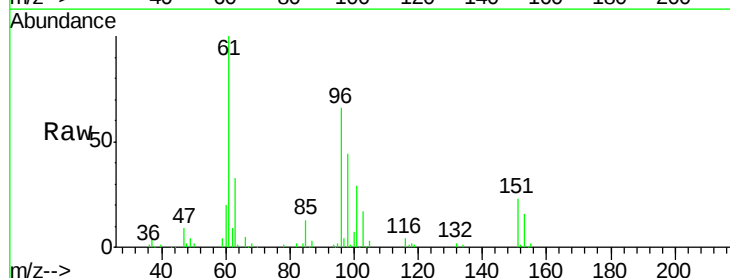
Manual Integrations
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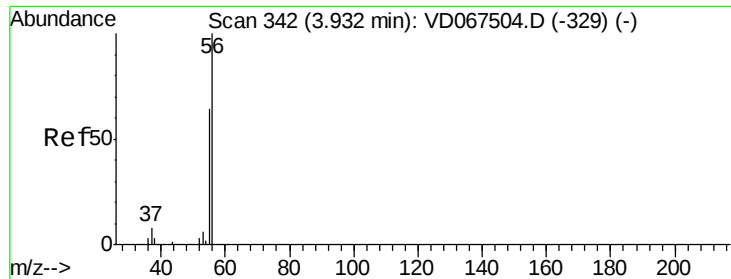
MMDadoda
11/18/2020 10:50:14 AM



#12
1,1-Dichloroethene
Concen: 48.754 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	114.5	171.7
98	66.6	54.5	81.7





#13

Acrolein

Concen: 222.184 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 24796

Ion Ratio Lower Upper

56 100

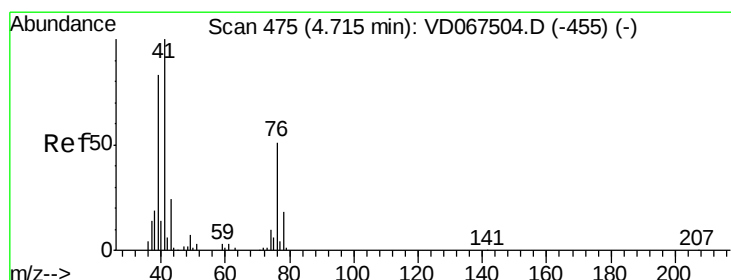
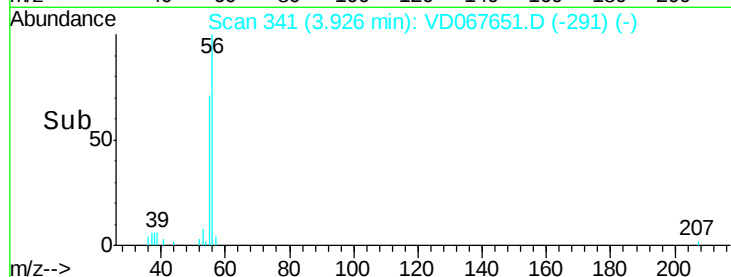
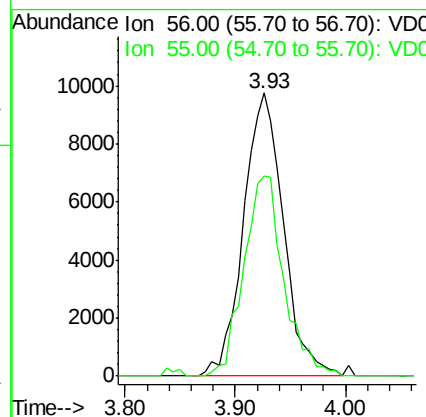
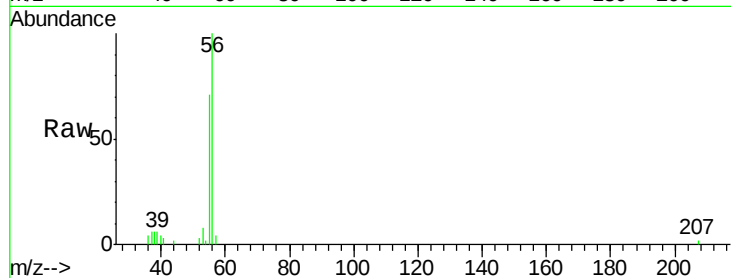
55 70.7 55.8 83.8

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#14

Allyl chloride

Concen: 47.085 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

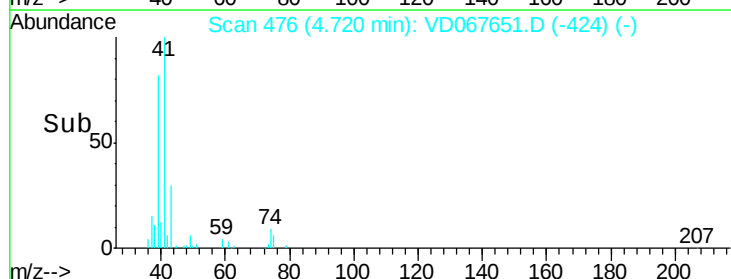
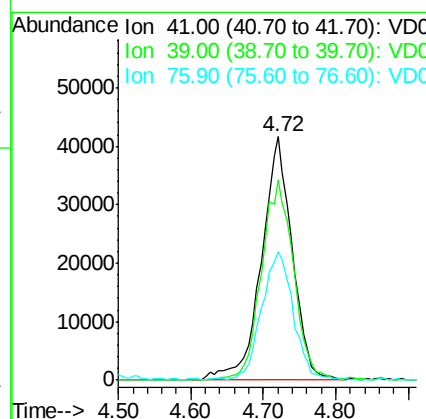
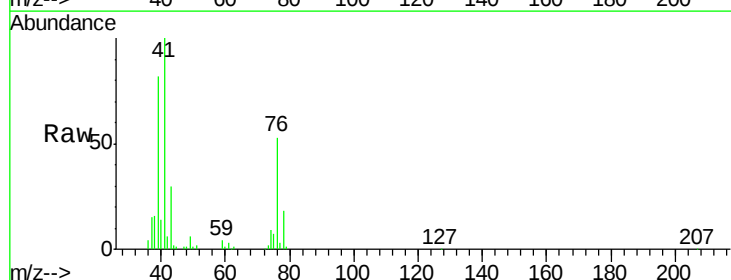
Tgt Ion: 41 Resp: 122915

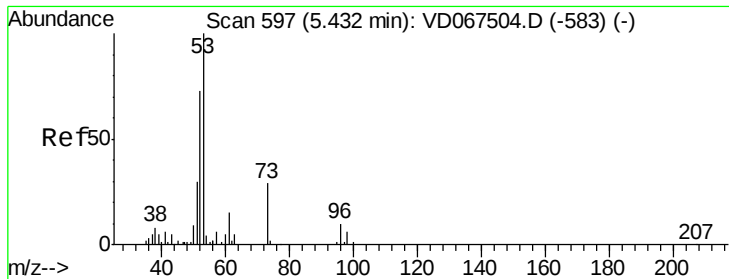
Ion Ratio Lower Upper

41 100

39 85.8 67.4 101.0

76 54.2 42.2 63.2





#15

Acrylonitrile

Concen: 246.790 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

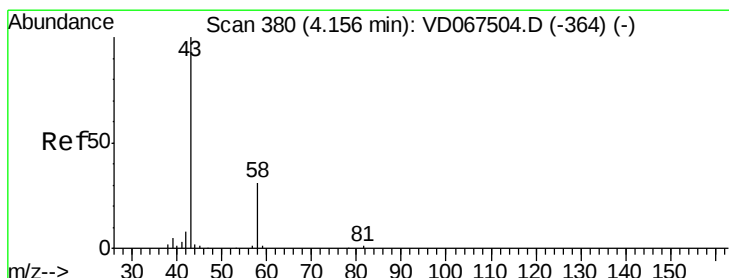
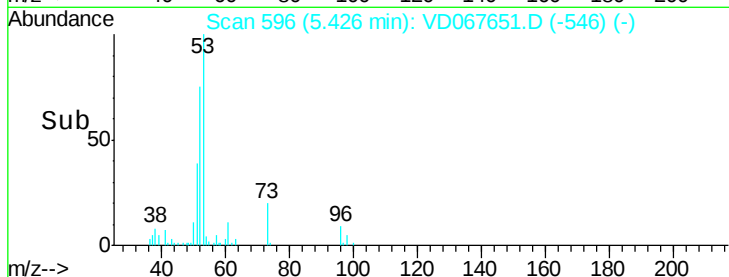
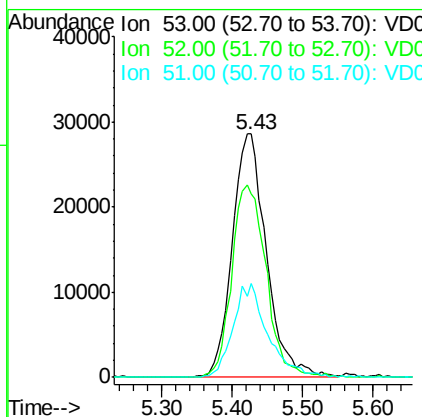
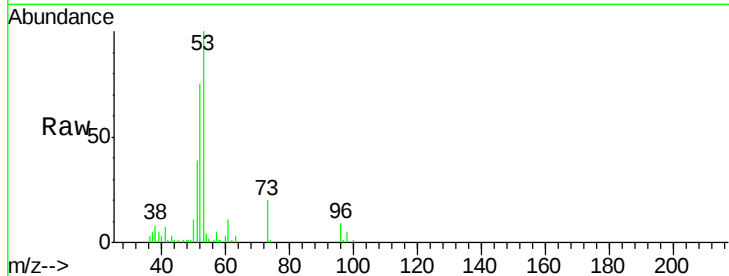
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96569
Ion	Ratio	Lower	Upper
53	100		
52	79.0	64.8	97.2
51	38.9	29.5	44.3

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#16

Acetone

Concen: 271.464 ug/l

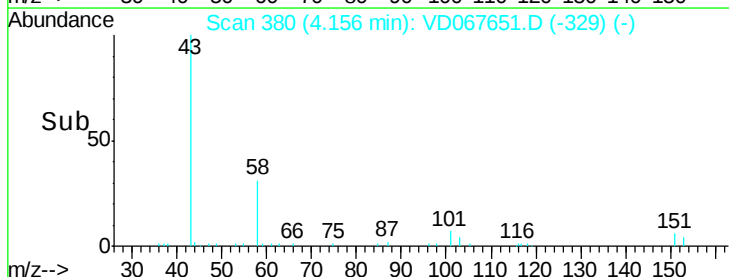
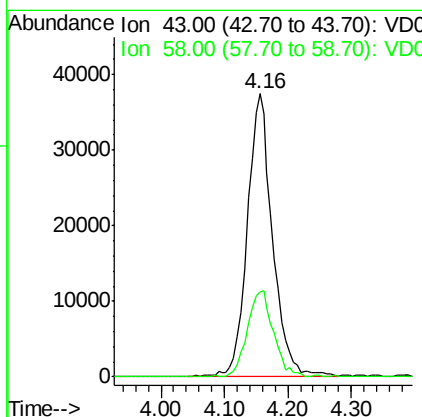
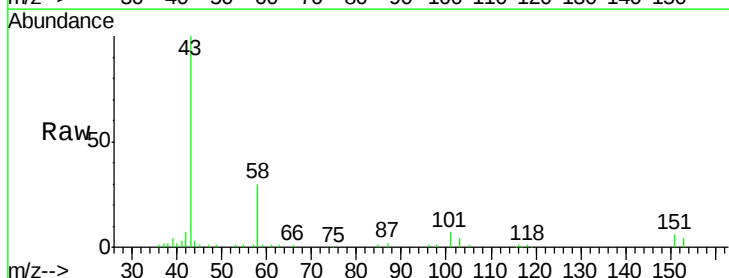
RT: 4.16 min Scan# 380

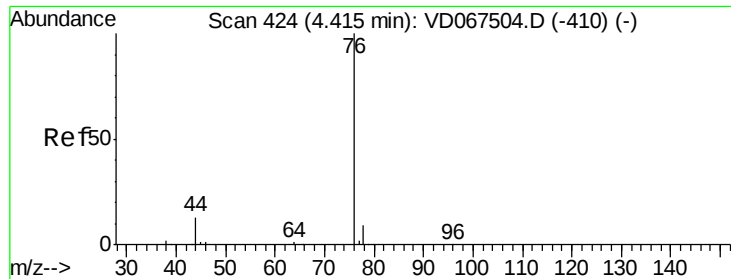
Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Tgt Ion:	43	Resp:	103804
Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.2	37.8





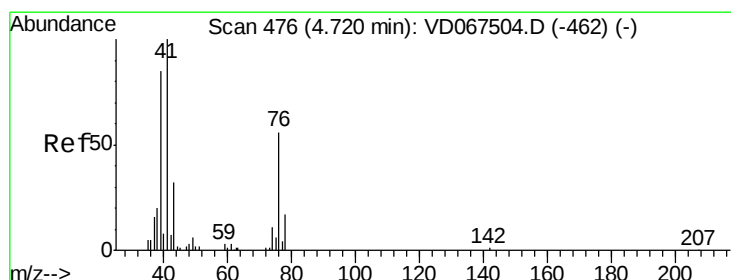
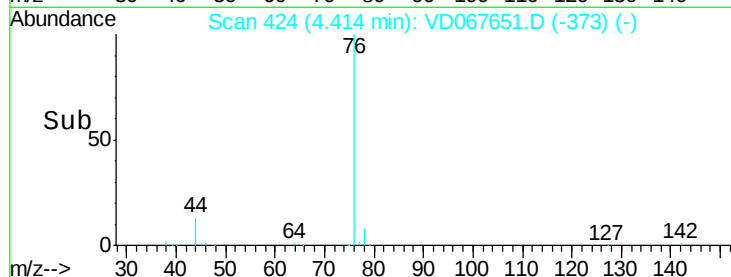
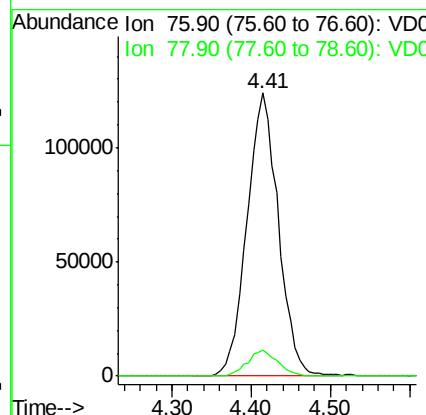
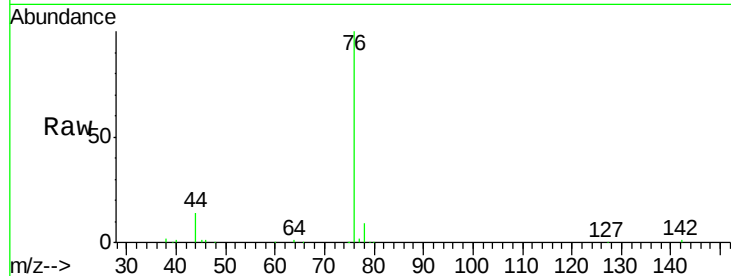
#17
Carbon Disulfide
Concen: 45.638 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

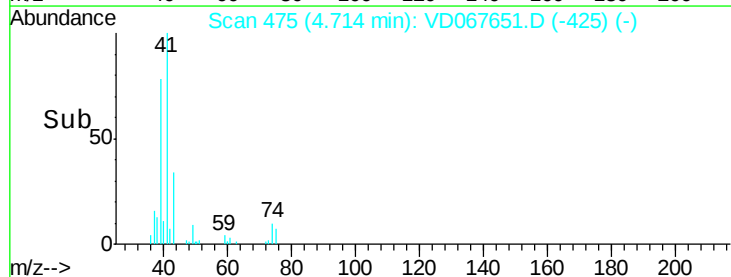
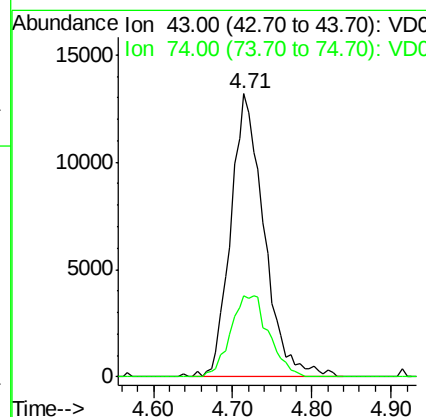
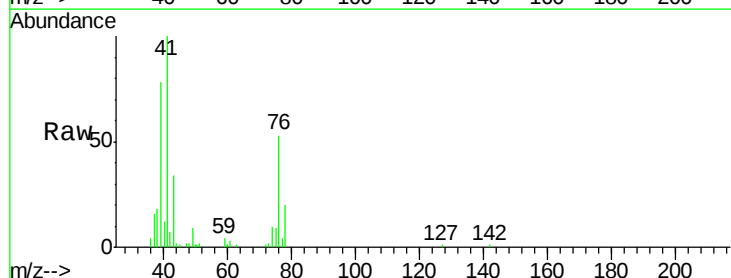
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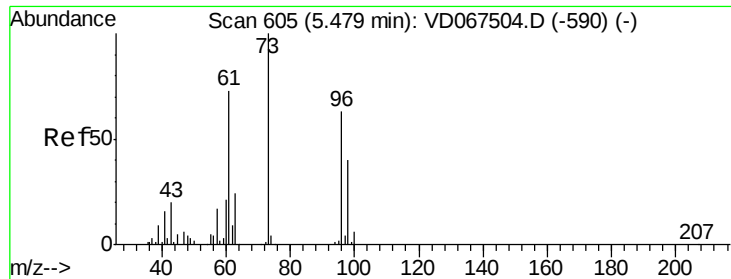
MMDadoda
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#18
Methyl Acetate
Concen: 48.570 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.0	27.2	40.8





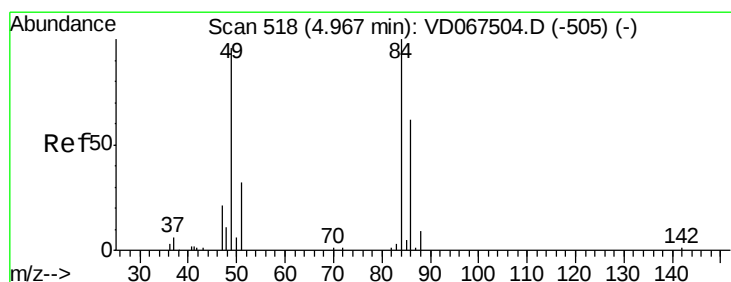
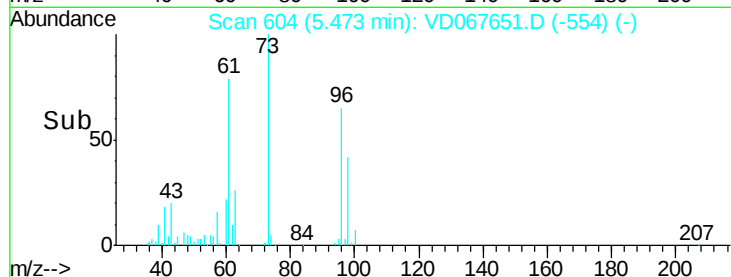
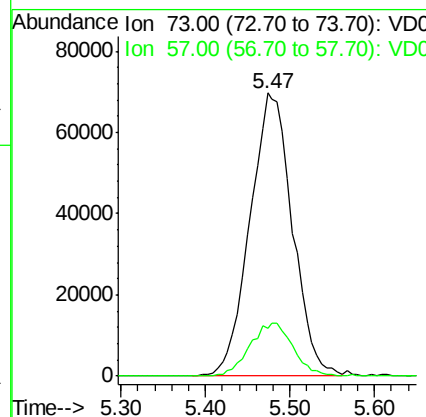
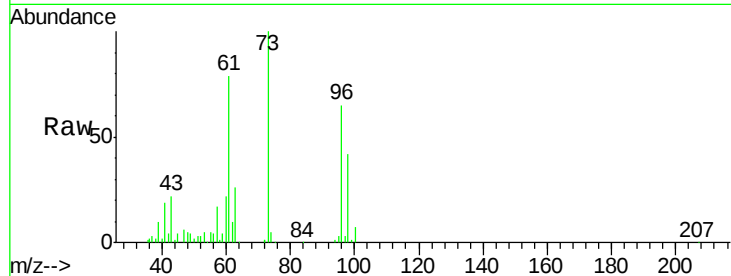
#19
Methvl tert-butvl Ether
Concen: 50.583 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 243369
Ion Ratio Lower Upper
73 100
57 16.9 13.4 20.0

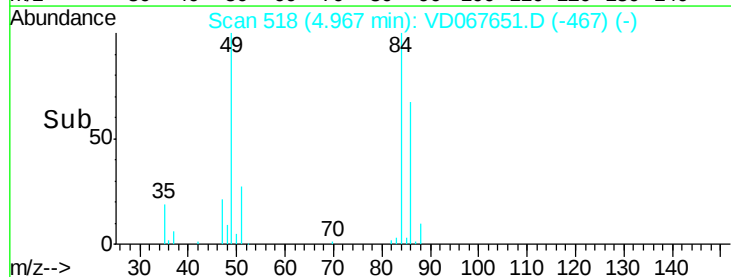
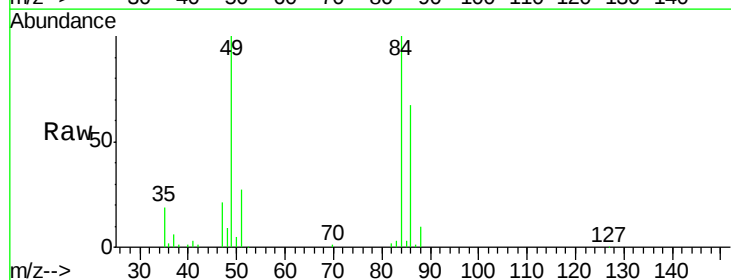
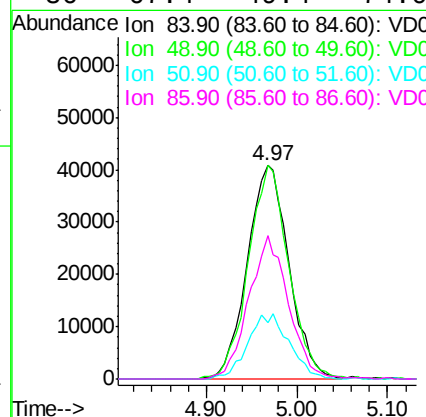
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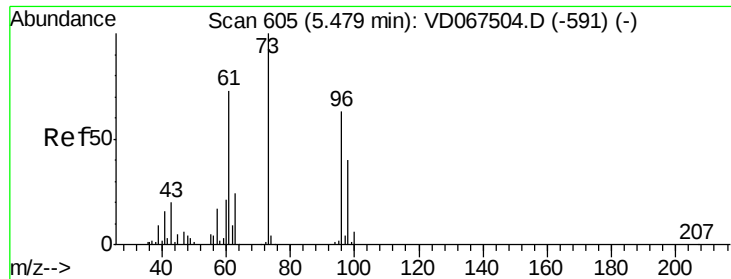
MMDadoda
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#20
Methylene Chloride
Concen: 48.235 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion: 84 Resp: 130289
Ion Ratio Lower Upper
84 100
49 100.0 77.0 115.4
51 26.6 25.4 38.2
86 67.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.988 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

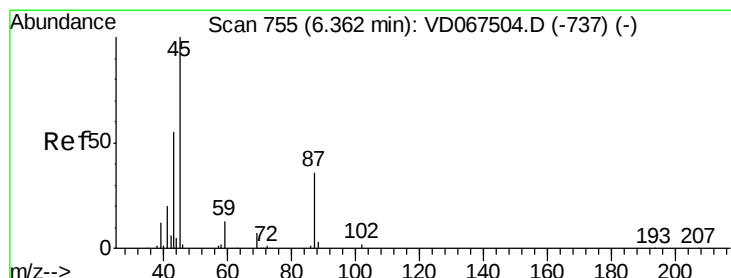
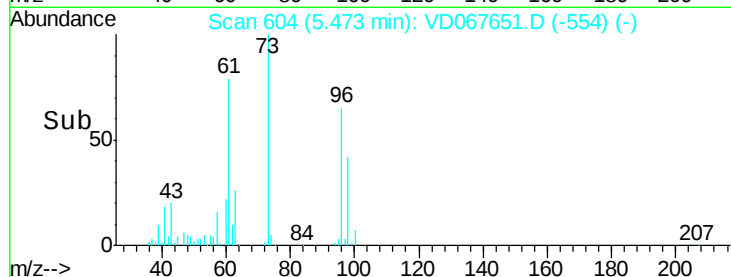
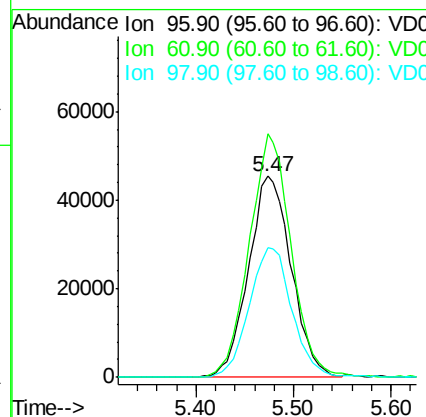
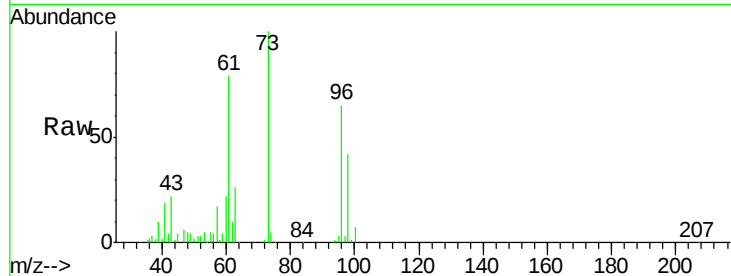
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	139175
Ion	Ratio	Lower	Upper
96	100		
61	121.0	93.0	139.6
98	64.4	50.9	76.3

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#22

Diisopropyl ether

Concen: 51.106 ug/l

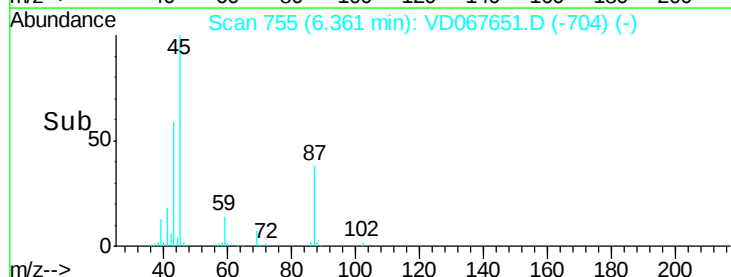
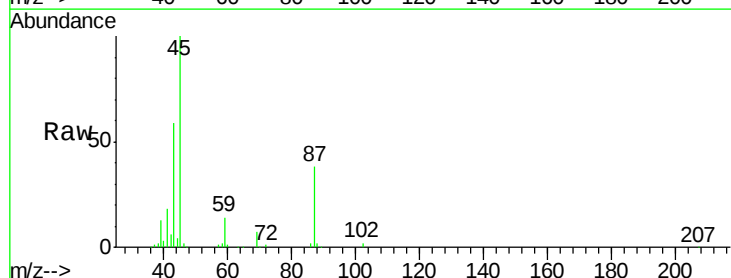
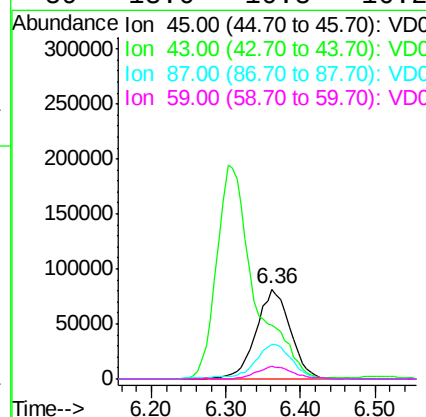
RT: 6.36 min Scan# 755

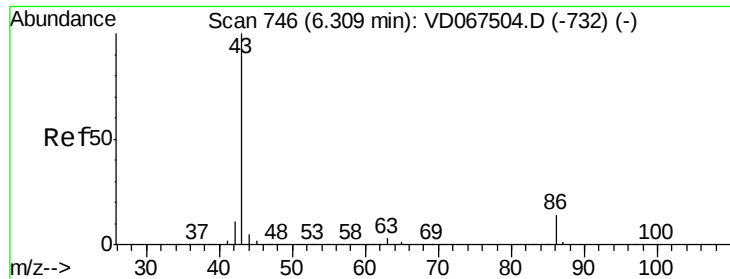
Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Tgt Ion:	45	Resp:	259986
Ion	Ratio	Lower	Upper
45	100		
43	58.4	46.2	69.4
87	38.1	29.4	44.2
59	13.6	10.8	16.2





#23

Vinyl Acetate

Concen: 258.077 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 687227

Ion Ratio Lower Upper

43 100

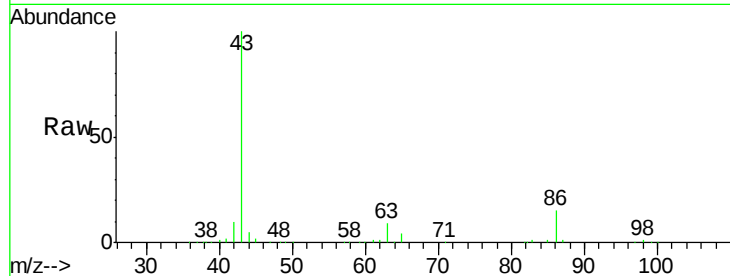
86 15.3 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

200000

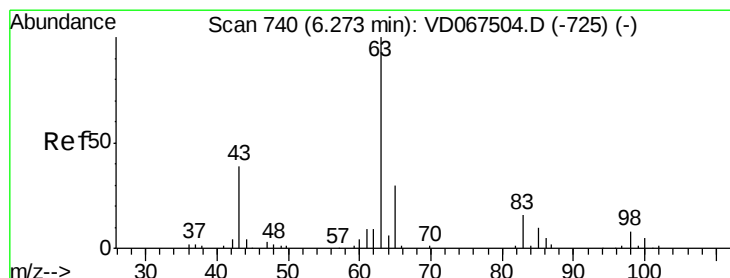
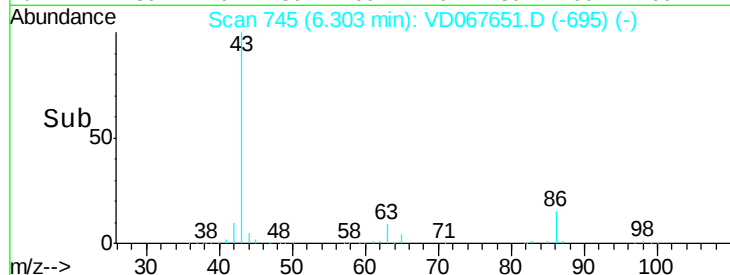
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.775 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

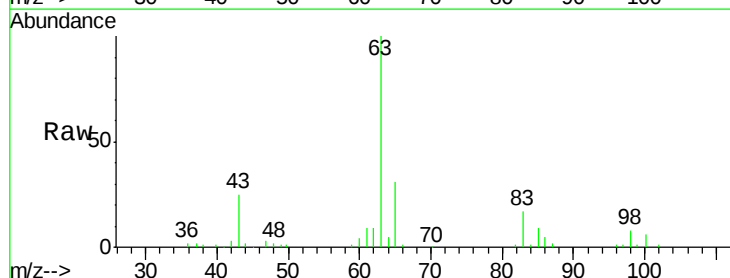
Tgt Ion: 63 Resp: 207151

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 5.9 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

80000

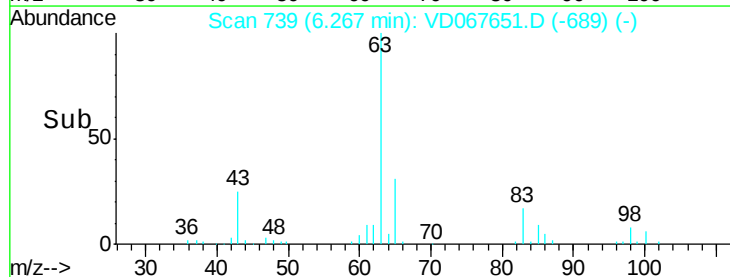
60000

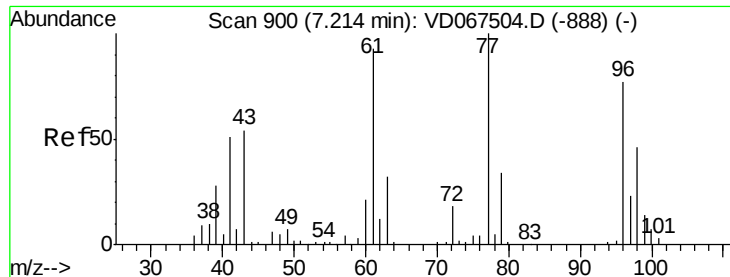
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.827 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 102485

Ion Ratio Lower Upper

43 100

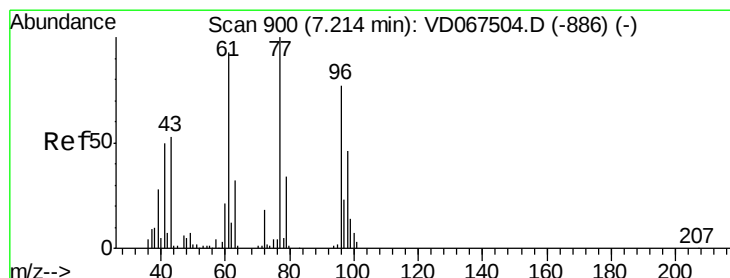
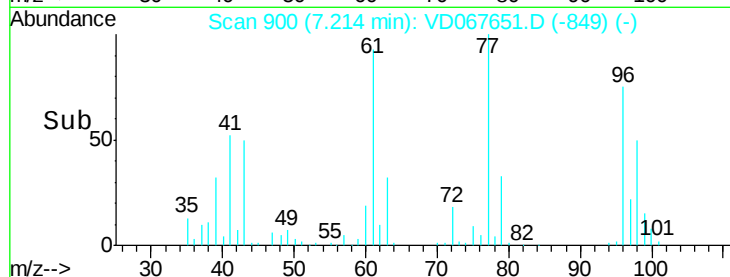
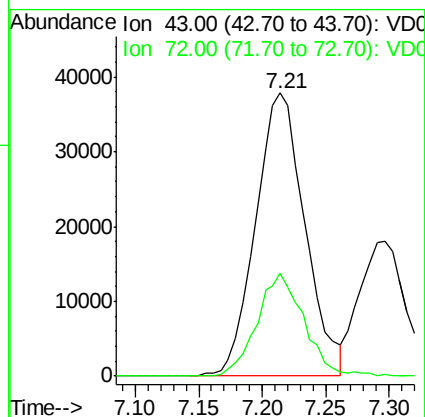
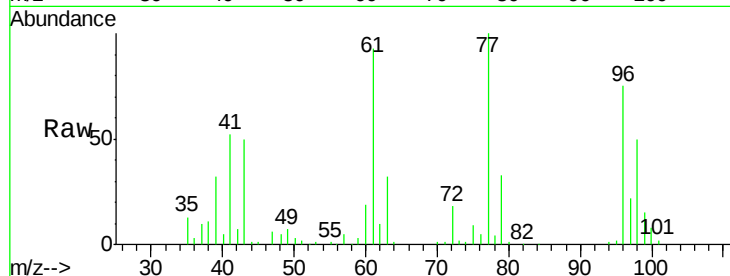
72 36.2 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.651 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067651.D

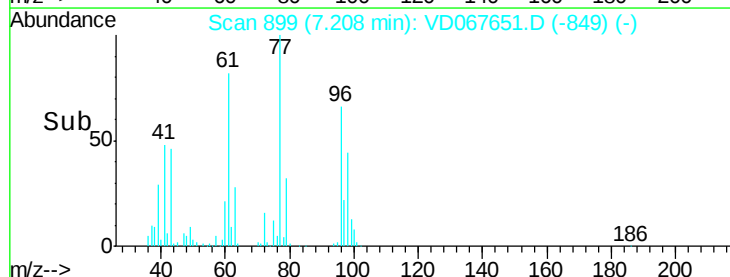
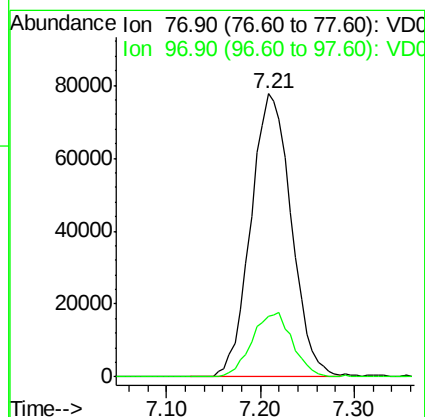
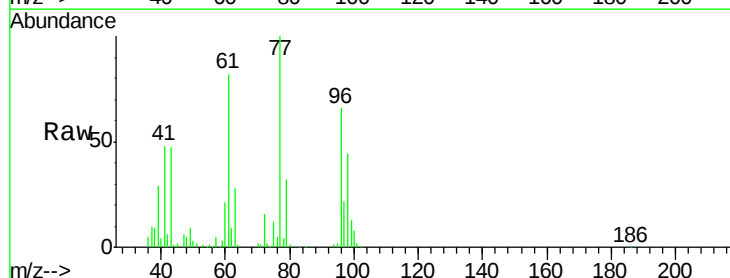
Acq: 17 Nov 2020 09:52

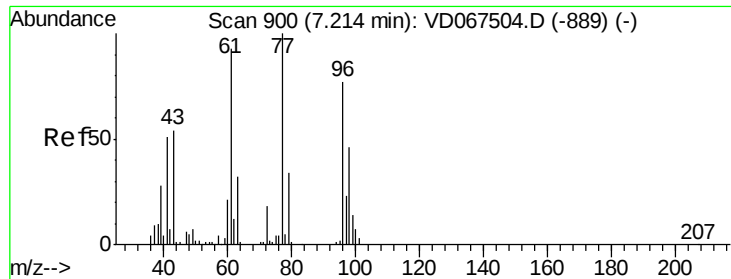
Tgt Ion: 77 Resp: 231258

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3





#27

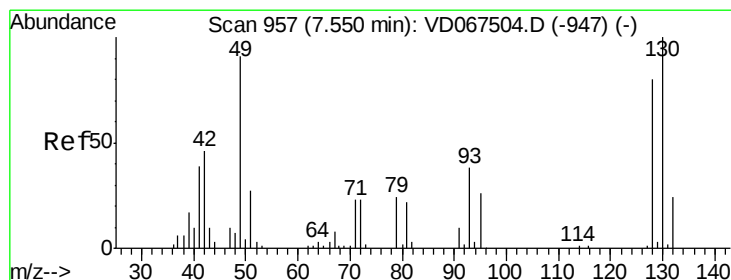
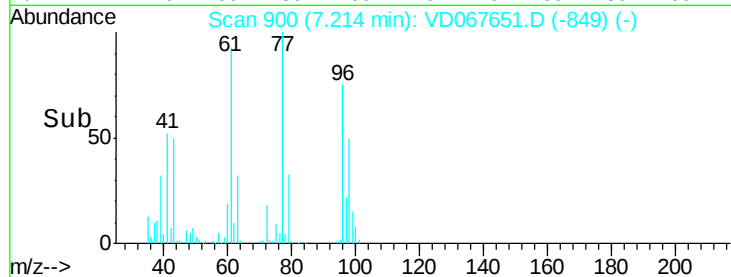
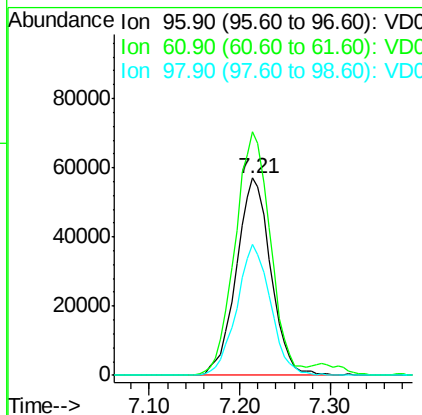
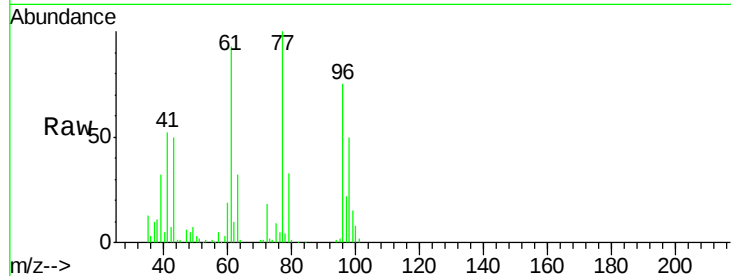
cis-1,2-Dichloroethene
Concen: 51.085 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	126.8	0.0	251.6	
98	65.3	0.0	128.0	

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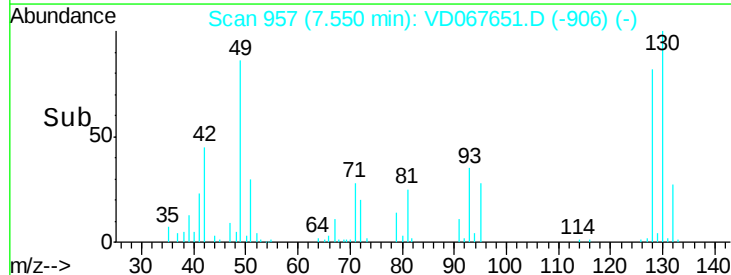
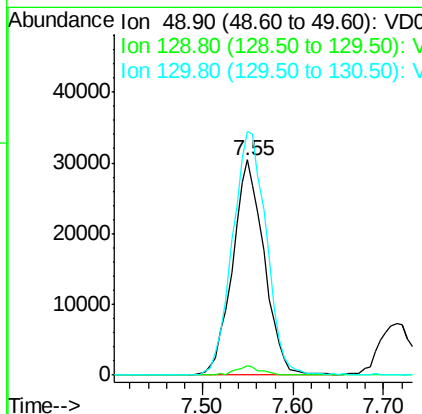
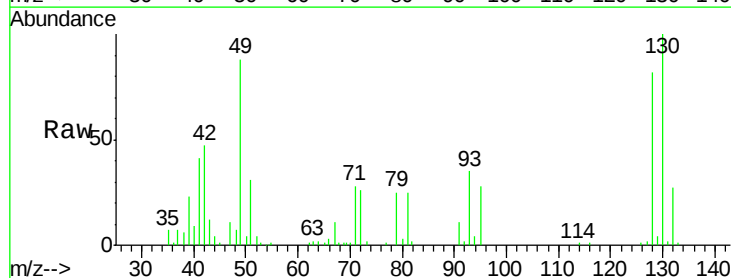
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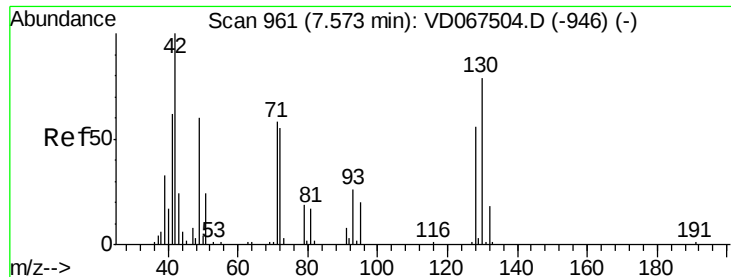


#28

Bromochloromethane
Concen: 49.847 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.3	0.0	6.4	
130	120.8	94.6	142.0	





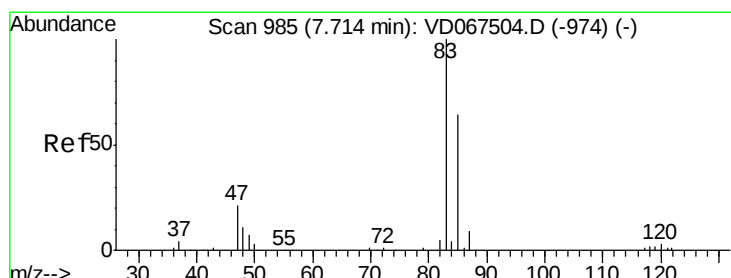
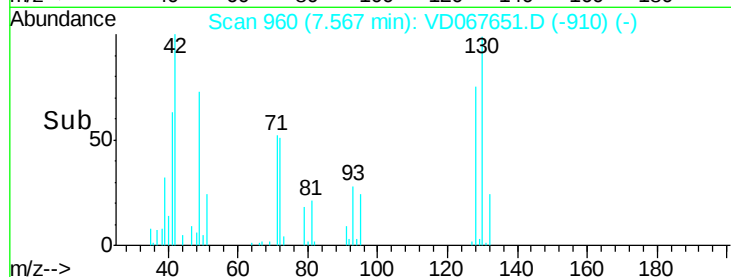
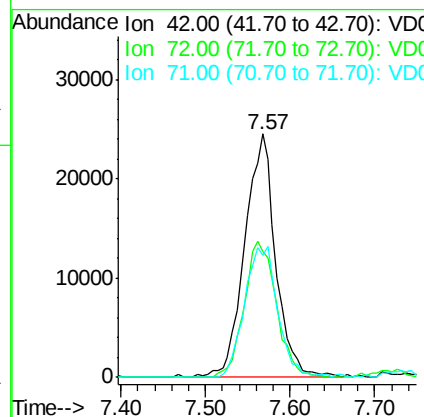
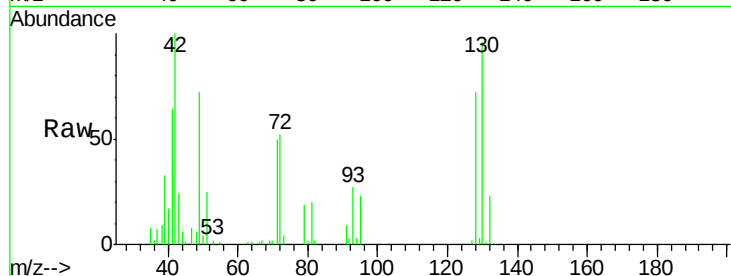
#29
Tetrahydrofuran
Concen: 254.852 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.0	46.3	69.5
71	57.7	44.0	66.0

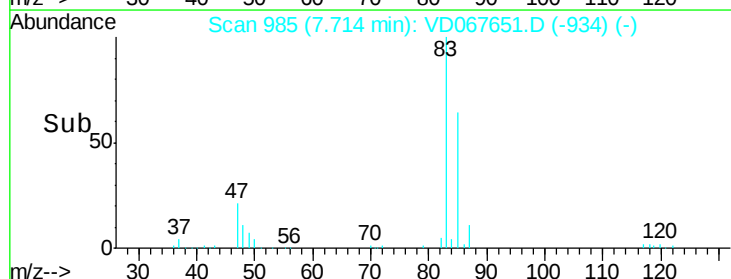
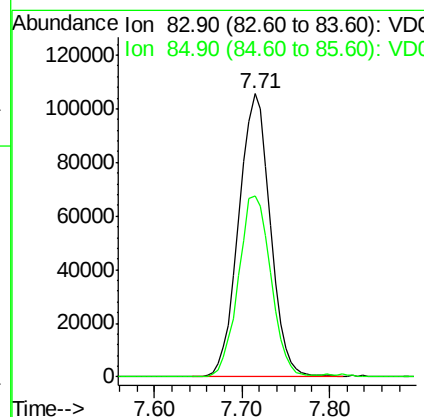
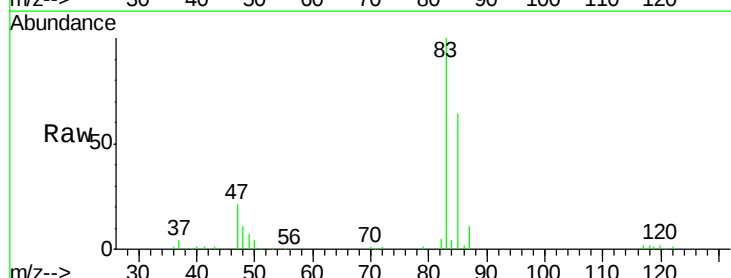
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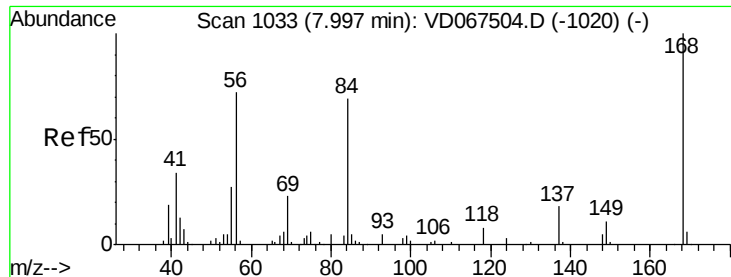
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#30
Chloroform
Concen: 52.001 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.5	77.3





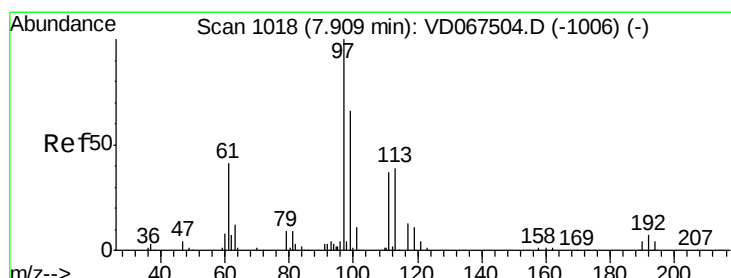
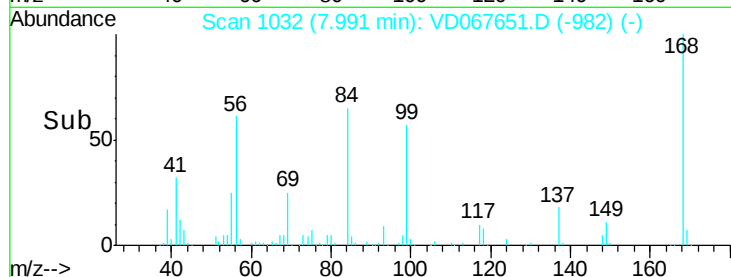
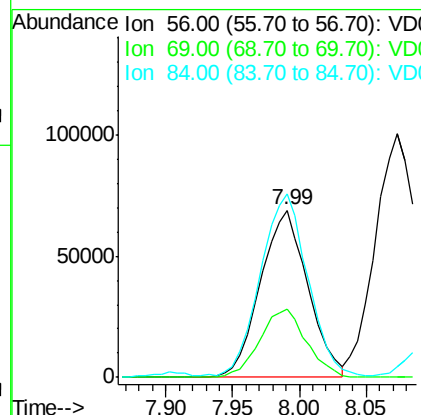
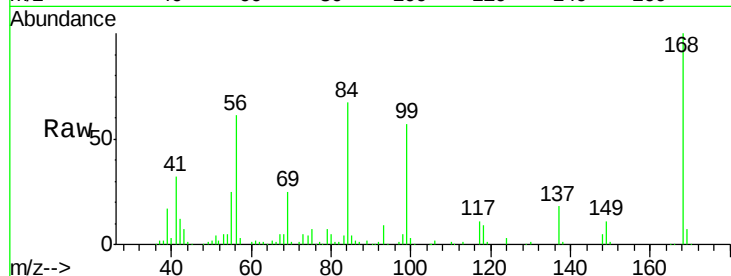
#31
Cyclohexane
Concen: 45.895 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.9	25.9	38.9#
84	108.0	76.2	114.4

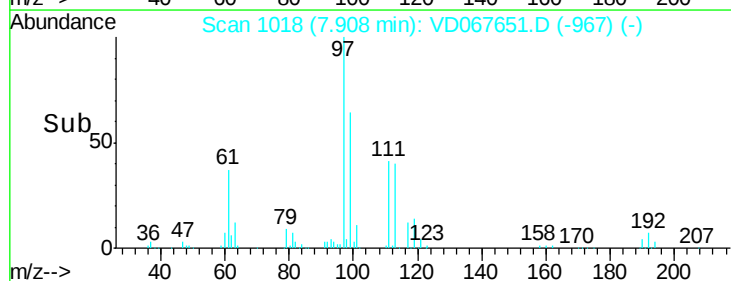
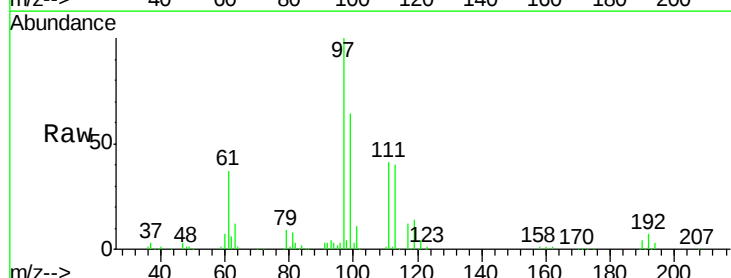
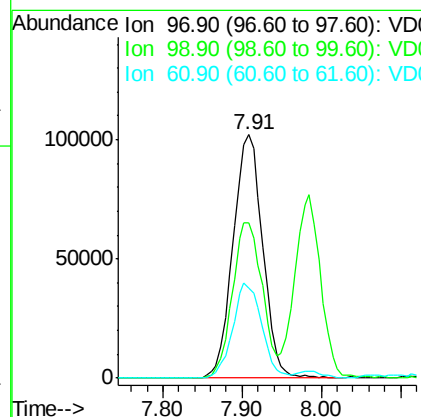
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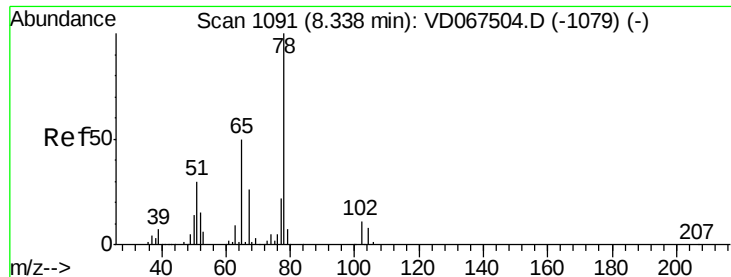
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#32
1,1,1-Trichloroethane
Concen: 51.573 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	38.2	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 46.246 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 118171

Ion Ratio Lower Upper

65 100

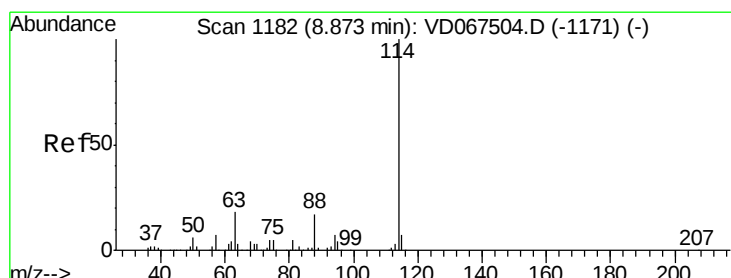
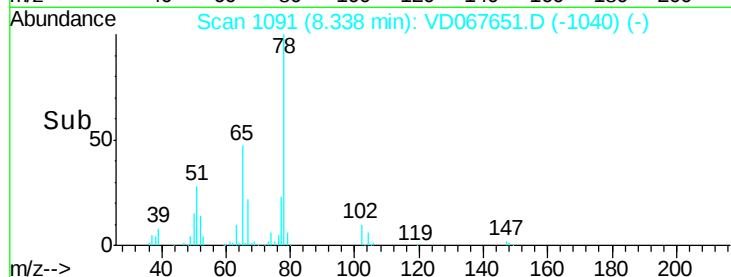
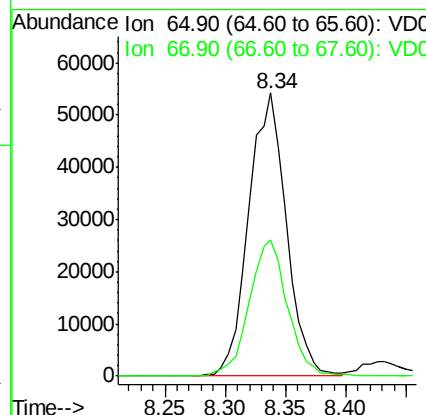
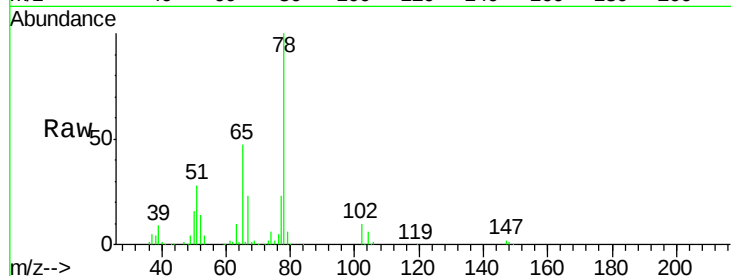
67 48.6 0.0 99.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

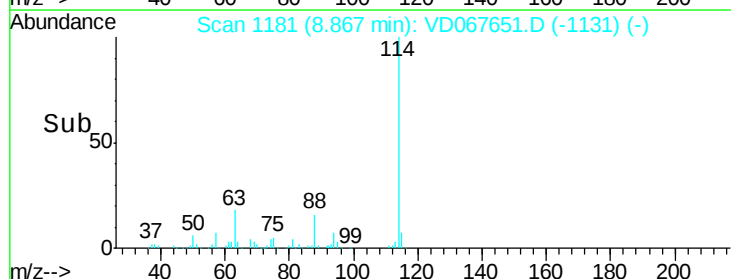
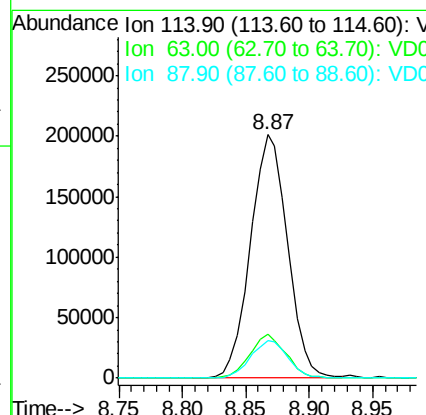
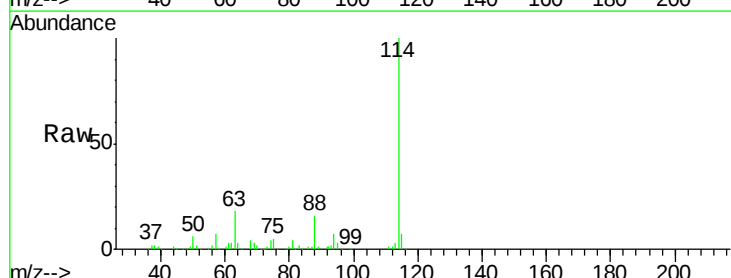
Tgt Ion: 114 Resp: 409989

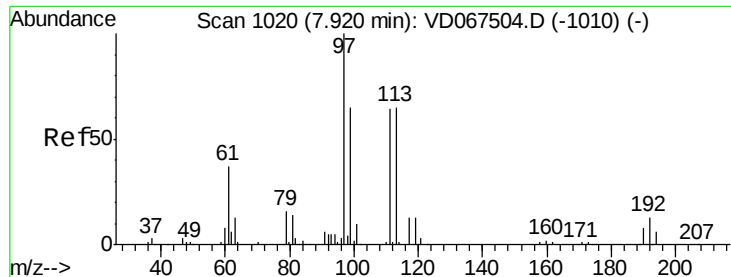
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.5 0.0 33.0





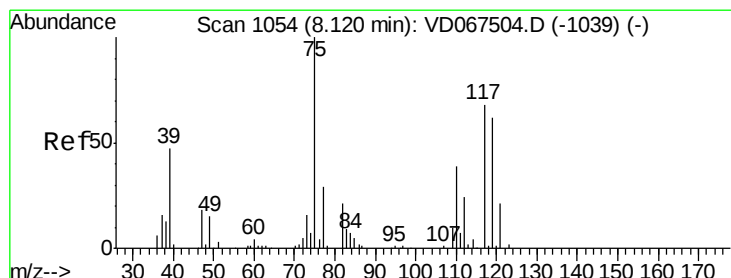
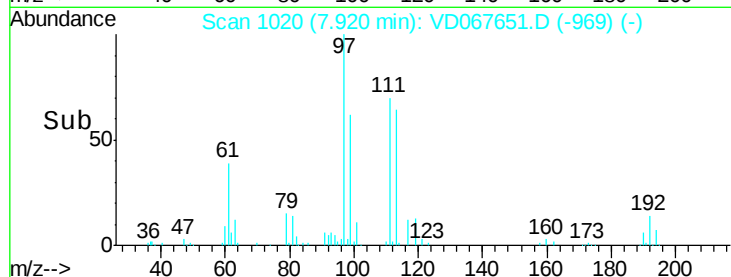
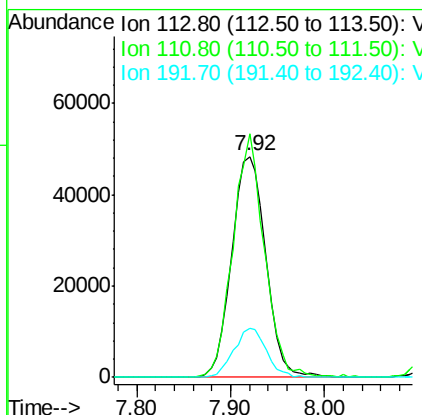
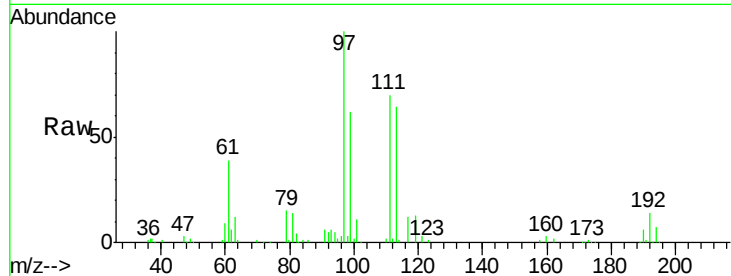
#35
 Dibromofluoromethane
 Concen: 49.399 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122023		
111	101.0	80.0	120.0	
192	21.1	16.3	24.5	

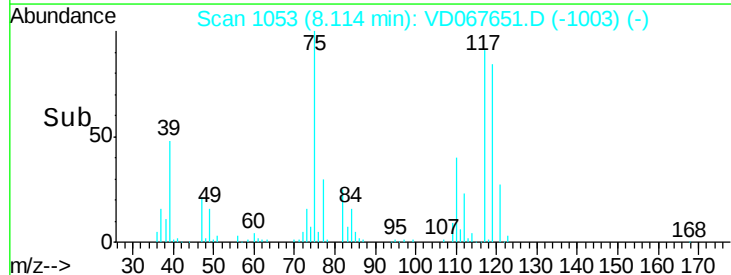
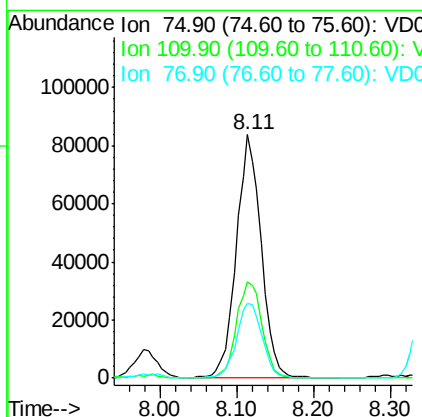
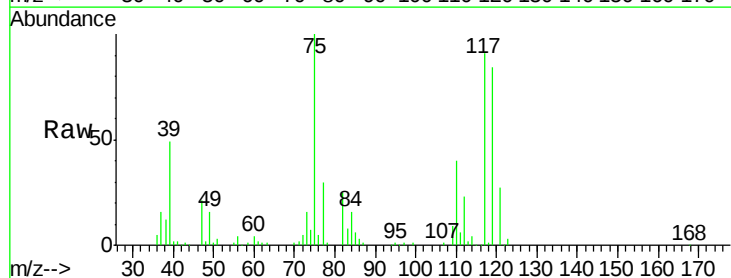
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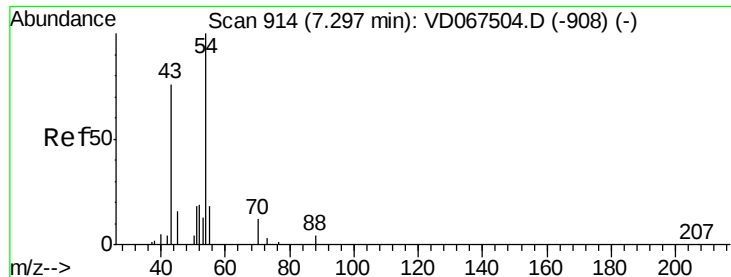
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#36
 1,1-Dichloropropene
 Concen: 54.108 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	189890		
110	40.6	19.9	59.7	
77	31.7	24.8	37.2	





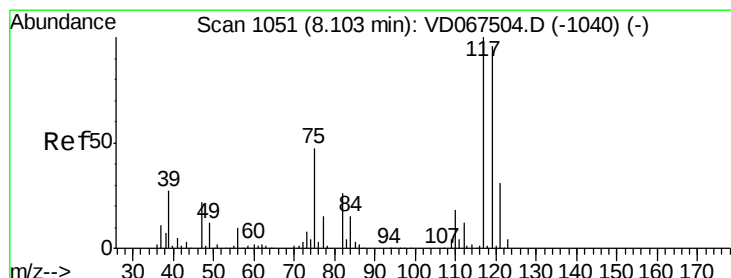
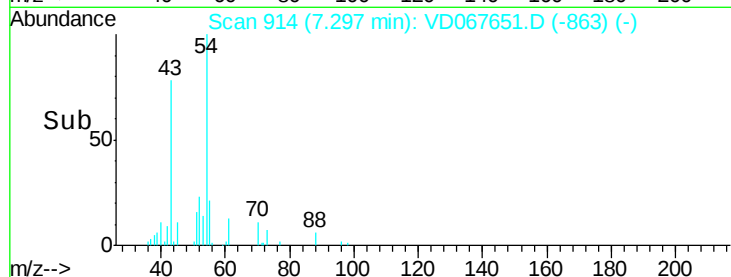
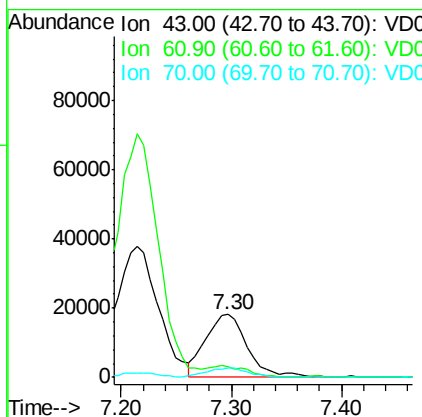
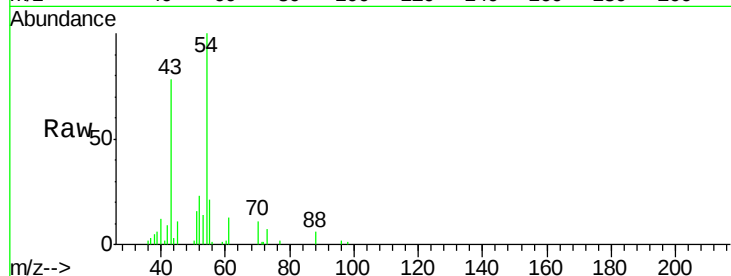
#37
Ethyl Acetate
Concen: 52.606 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	12.8	19.2
70	14.6	11.7	17.5

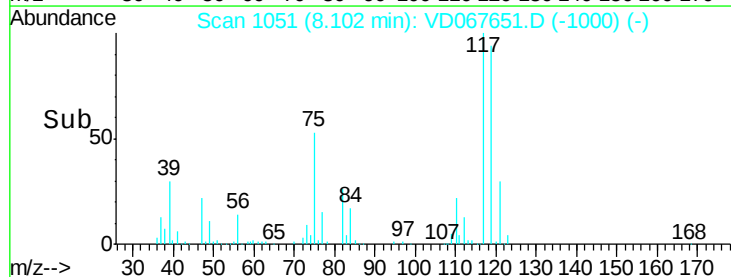
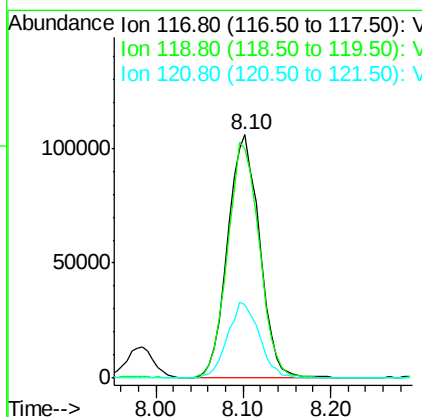
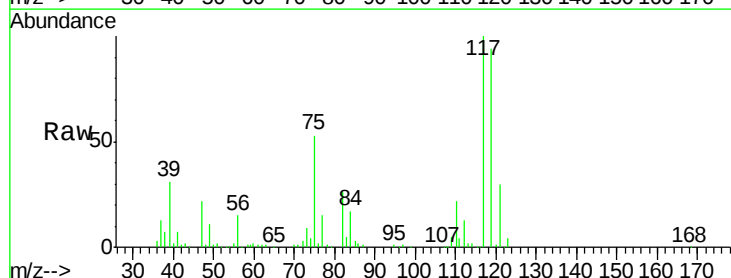
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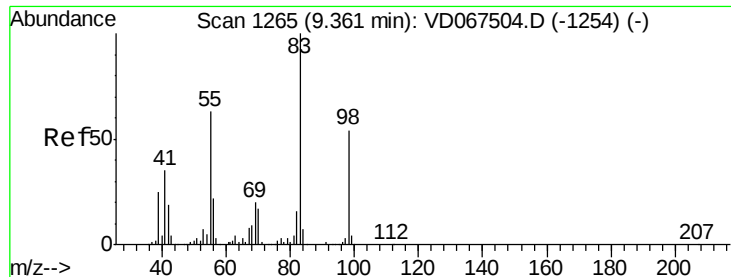
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#38
Carbon Tetrachloride
Concen: 57.474 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
121	30.3	24.5	36.7





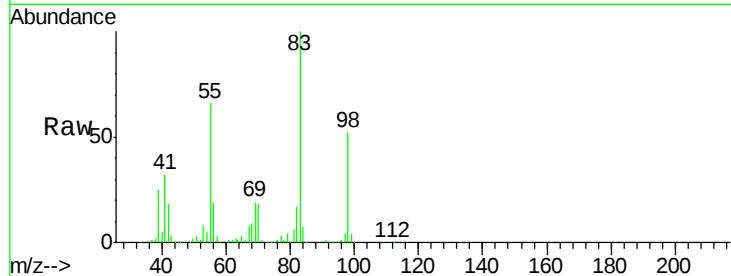
#39
Methvlcvclohexane
Concen: 54.470 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

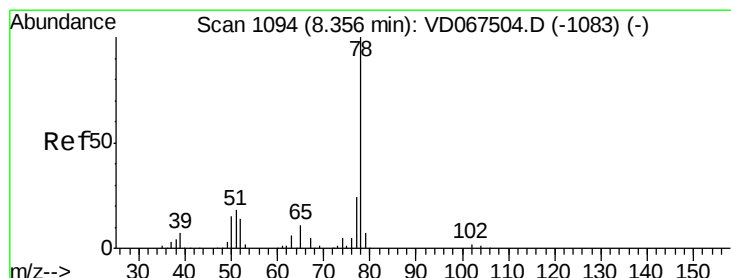
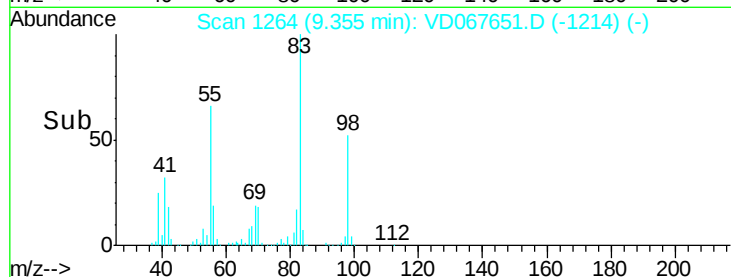
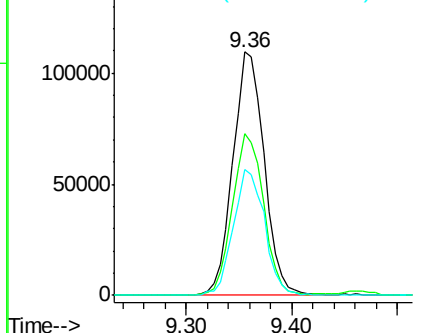
Tot Ion	Ratio	Lower	Upper
83	100		
55	66.2	50.5	75.7
98	51.7	43.4	65.0

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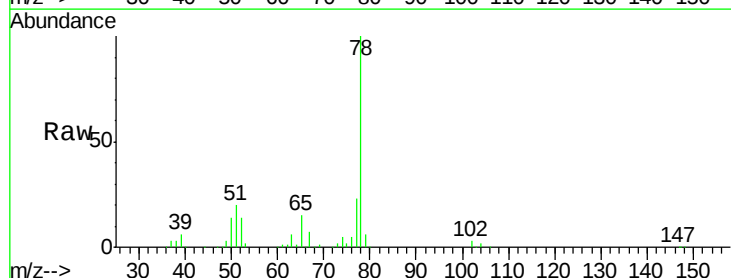


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

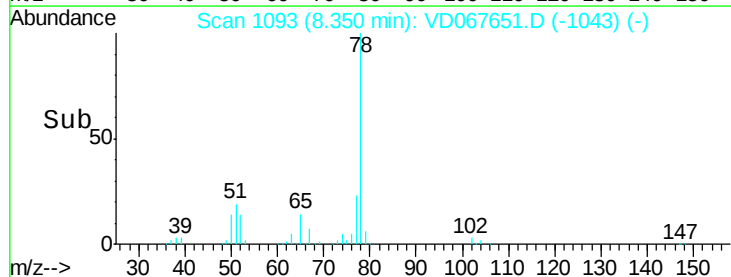
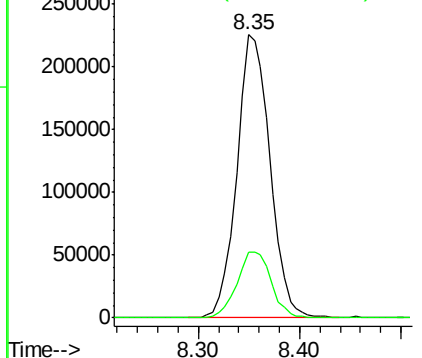


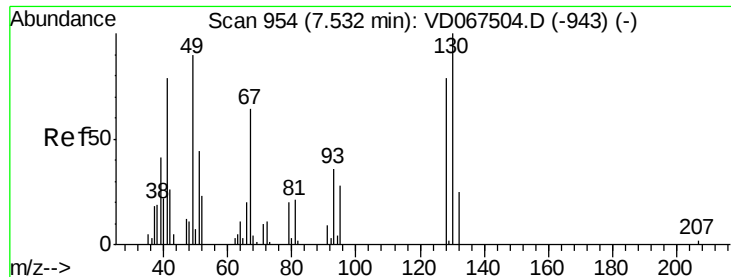
#40
Benzene
Concen: 53.734 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 49.738 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 27088

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.9 118.3#

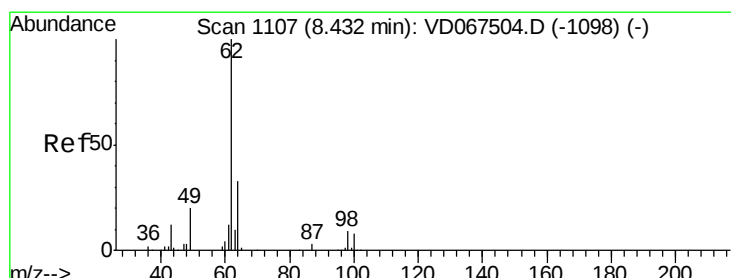
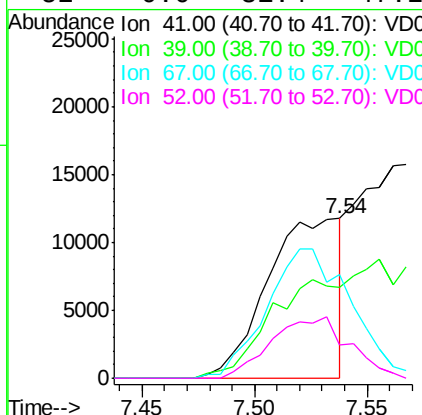
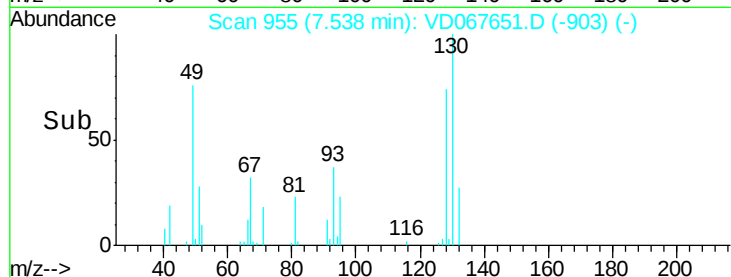
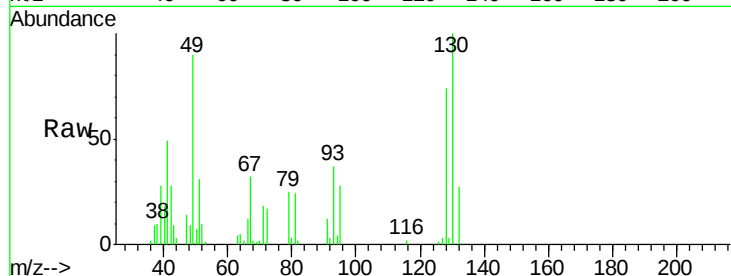
52 0.0 31.4 47.2#

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#42

1,2-Dichloroethane

Concen: 55.802 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067651.D

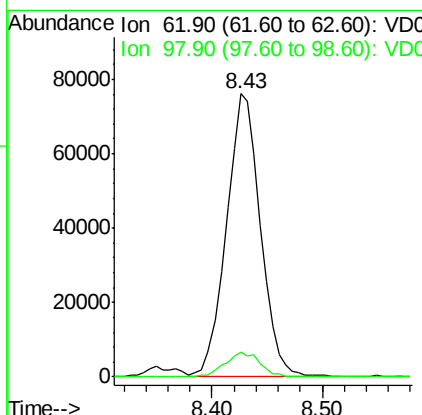
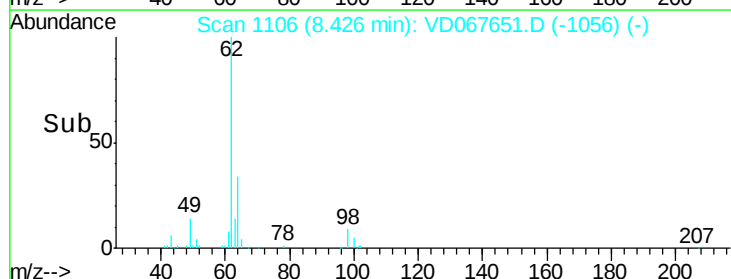
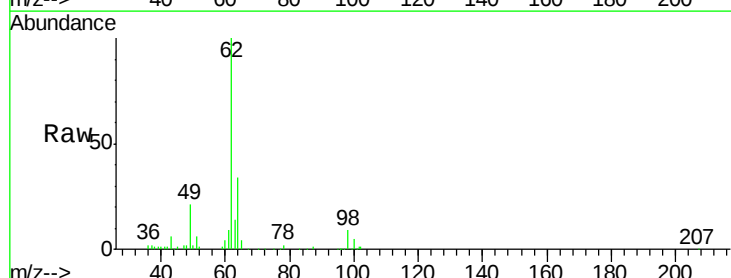
Acq: 17 Nov 2020 09:52

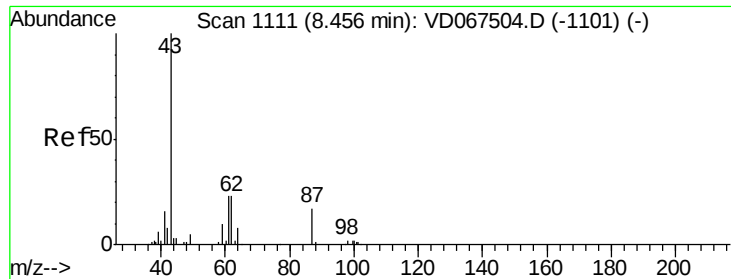
Tgt Ion: 62 Resp: 163896

Ion Ratio Lower Upper

62 100

98 8.9 0.0 19.8





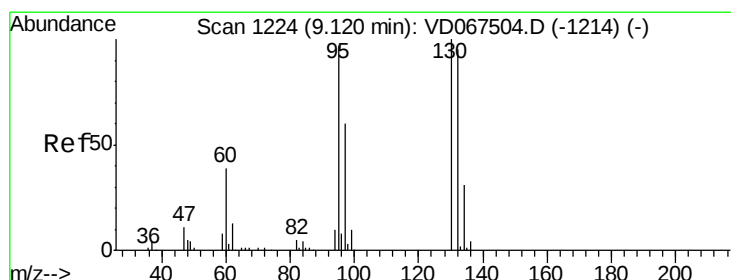
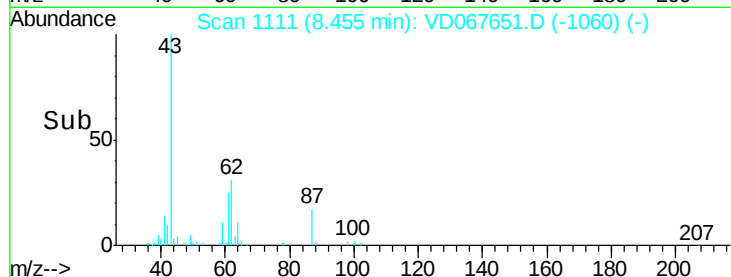
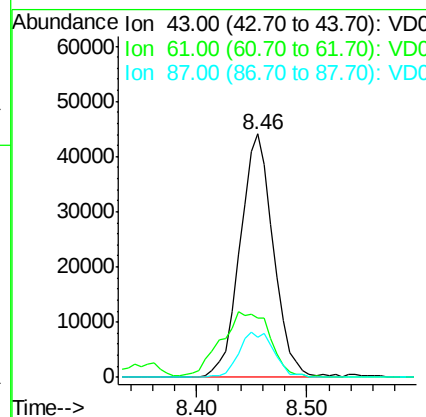
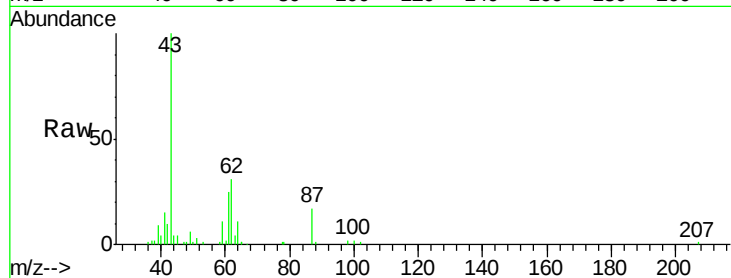
#43
Isopropyl Acetate
Concen: 51.955 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	40.0	30.5	45.7
87	19.7	14.7	22.1

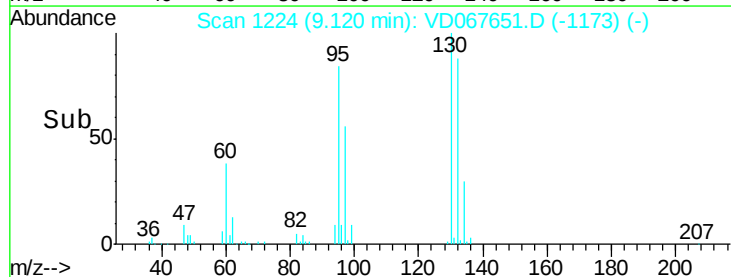
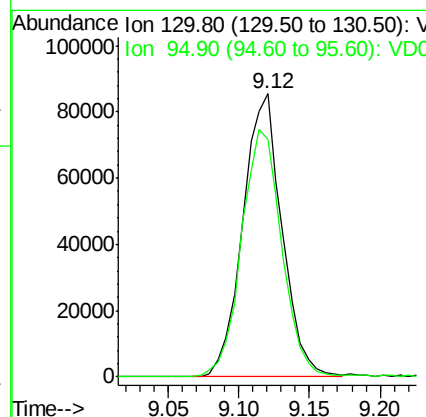
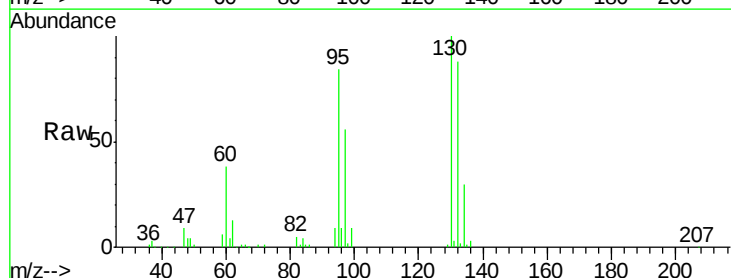
Manual Integrations
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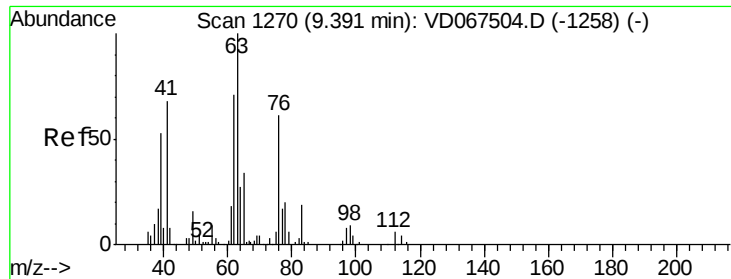
MMDadoda
11/18/2020 10:50:14 AM



#44
Trichloroethene
Concen: 53.006 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	83.4	0.0	194.4





#45

1,2-Dichloropropane

Concen: 53.005 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 108942

Ion Ratio Lower Upper

63 100

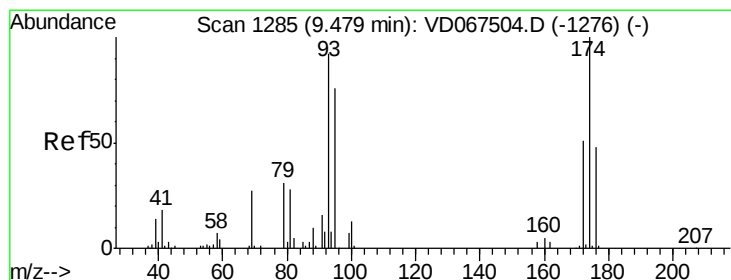
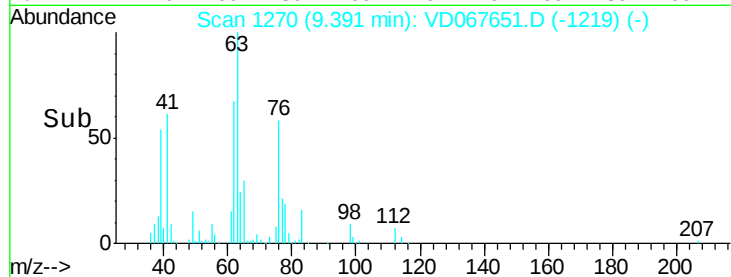
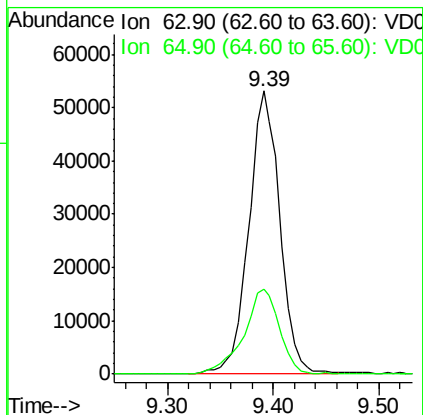
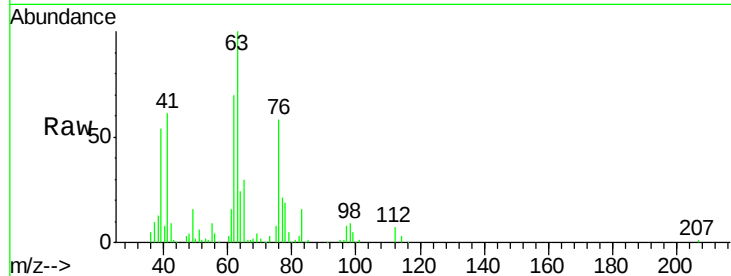
65 30.2 26.9 40.3

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#46

Dibromomethane

Concen: 53.619 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

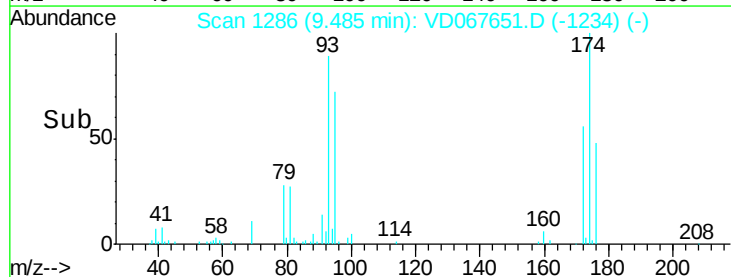
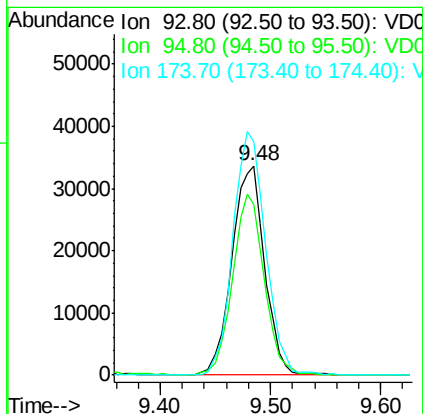
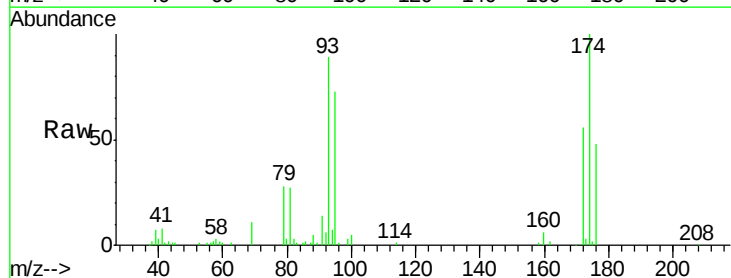
Tgt Ion: 93 Resp: 70071

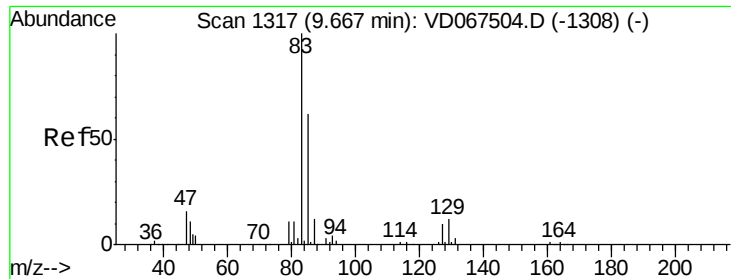
Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

174 116.0 88.2 132.4





#47

Bromodichloromethane

Concen: 56.177 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

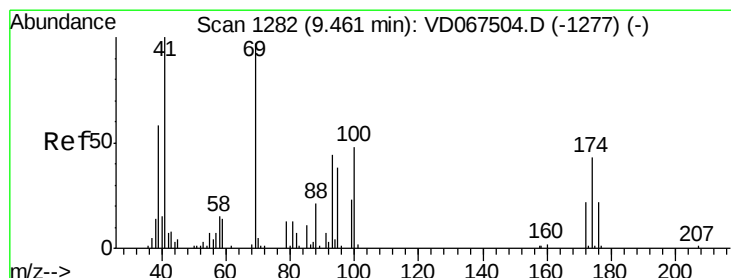
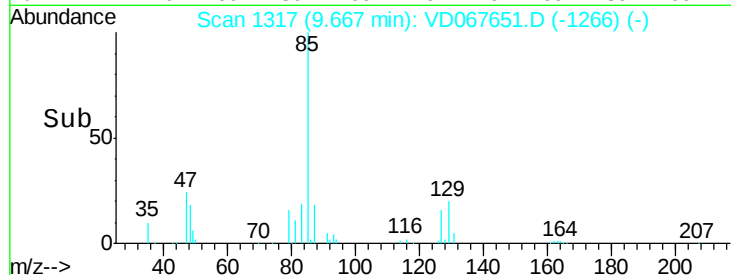
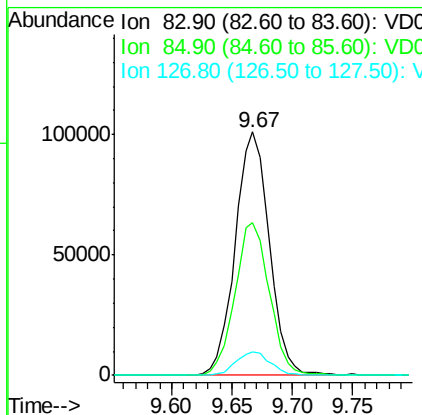
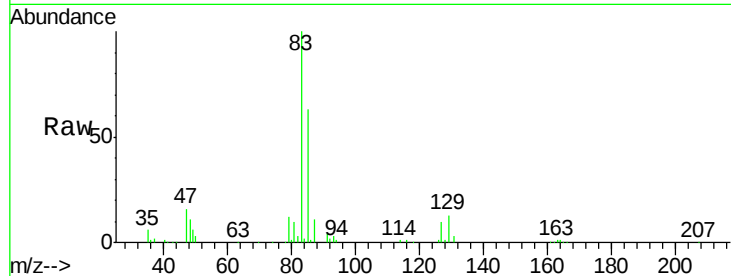
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	199537
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.4	74.2
127	9.8	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.087 ug/l

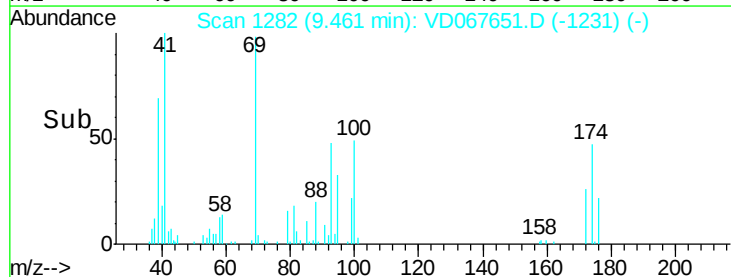
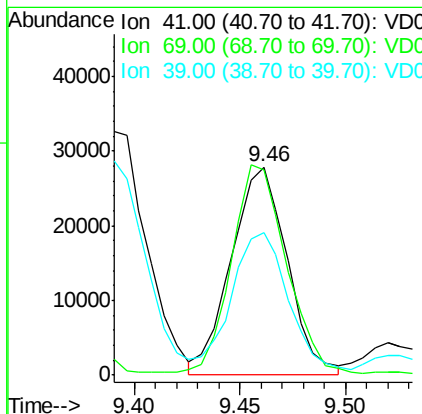
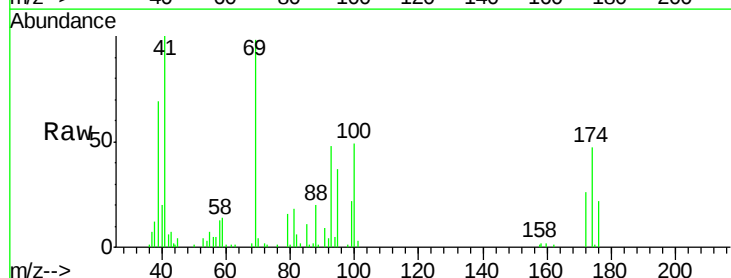
RT: 9.46 min Scan# 1282

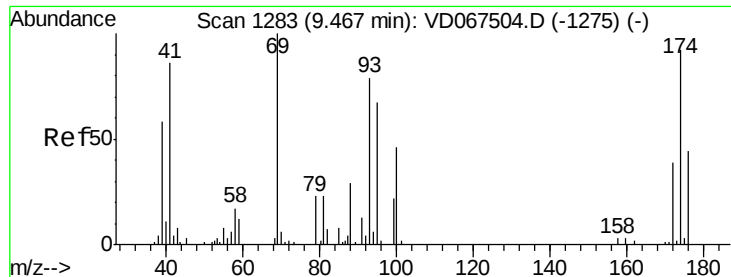
Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Tgt Ion:	41	Resp:	51251
Ion	Ratio	Lower	Upper
41	100		
69	97.9	80.6	121.0
39	64.8	50.2	75.4





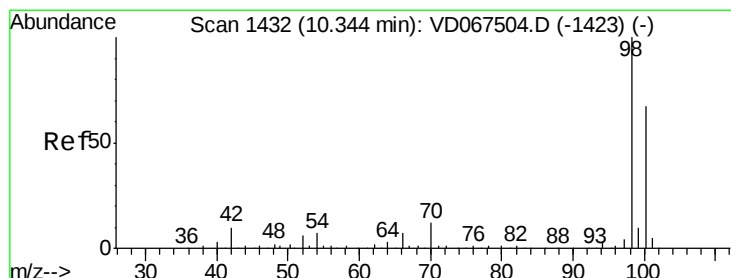
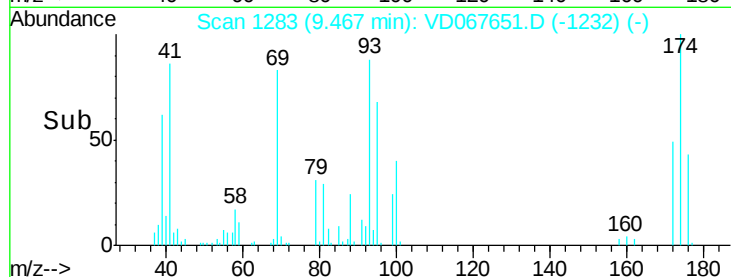
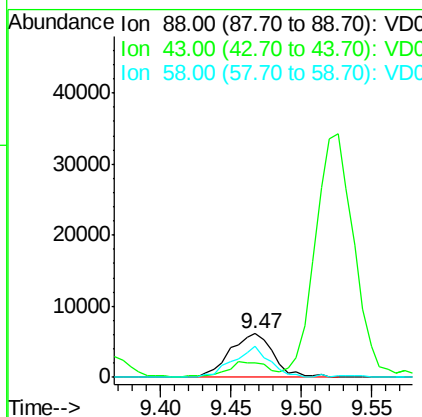
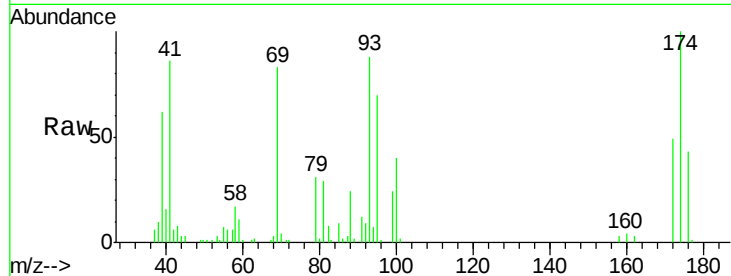
#49
 1,4-Dioxane
 Concen: 1010.665 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	23.6	35.4
58	58.9	44.7	67.1

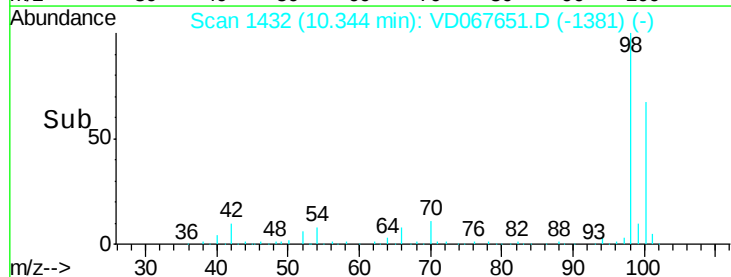
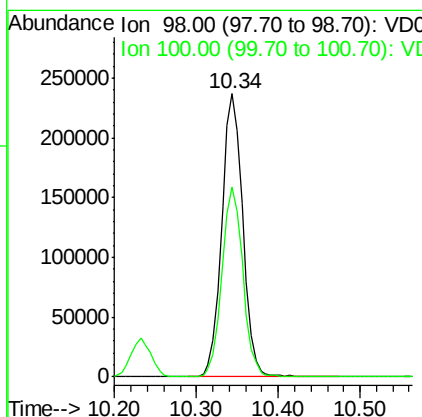
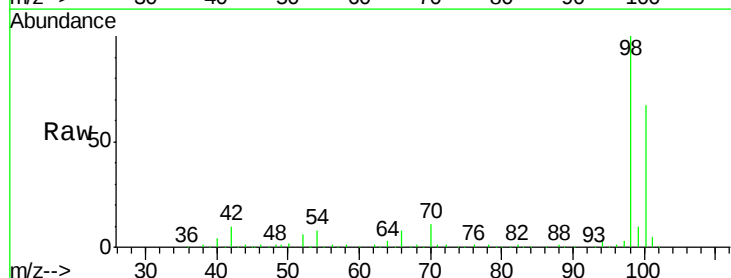
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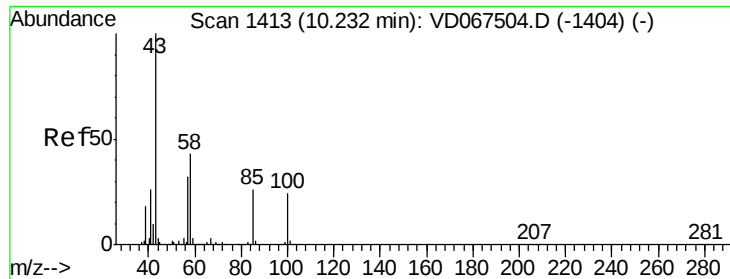
MMDadoda
 11/18/2020 10:50:14 AM



#50
 Toluene-d8
 Concen: 48.870 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 275.673 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 237566

Ion Ratio Lower Upper

43 100

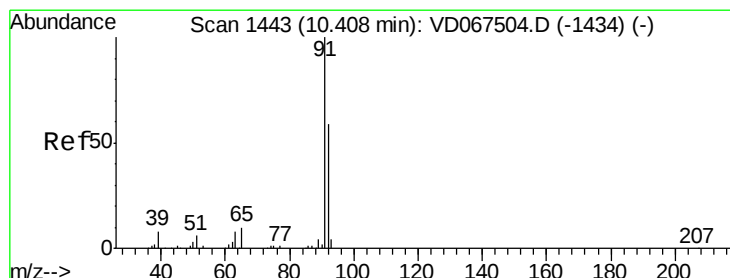
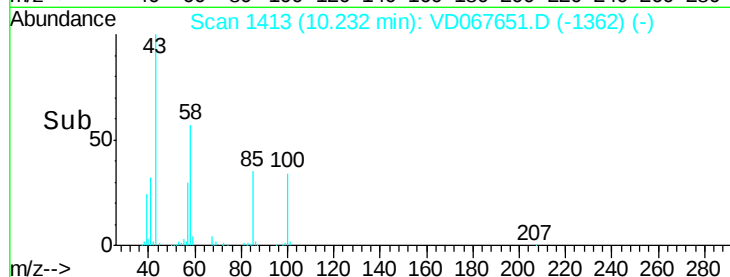
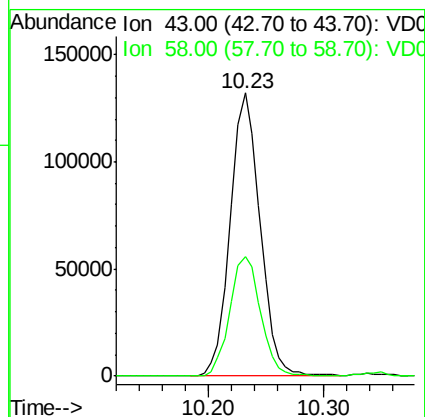
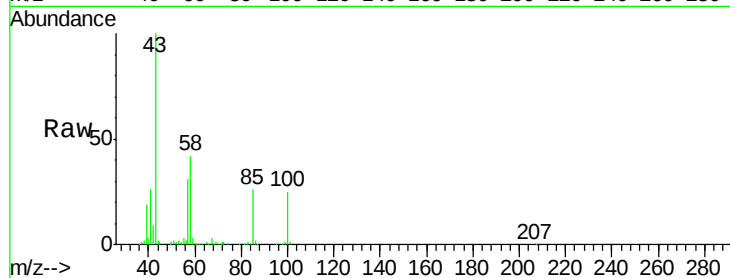
58 43.8 35.6 53.4

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#52

Toluene

Concen: 56.217 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067651.D

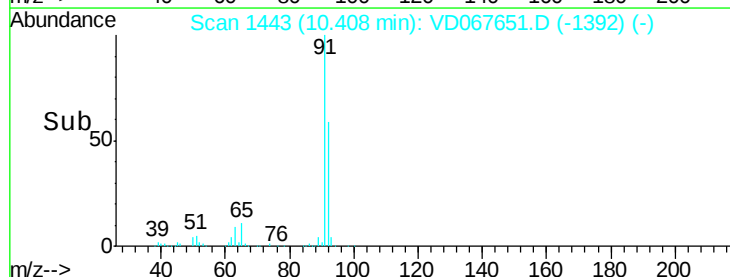
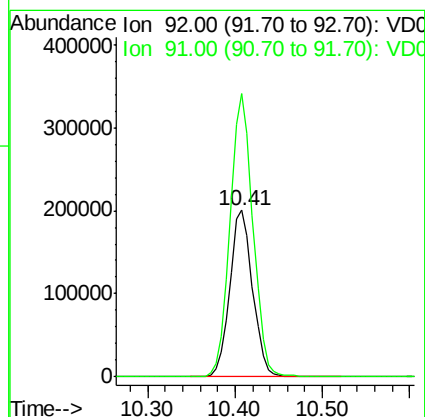
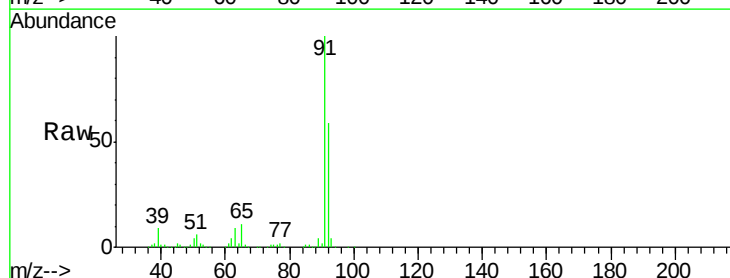
Acq: 17 Nov 2020 09:52

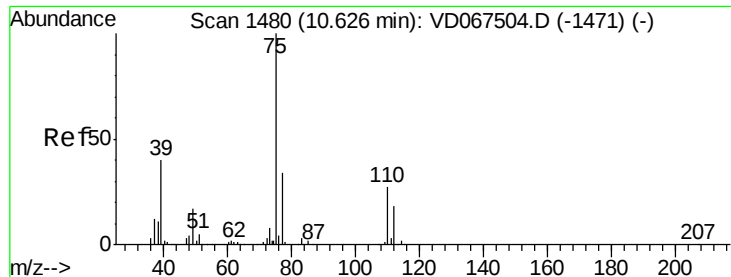
Tgt Ion: 92 Resp: 357948

Ion Ratio Lower Upper

92 100

91 169.7 137.0 205.6





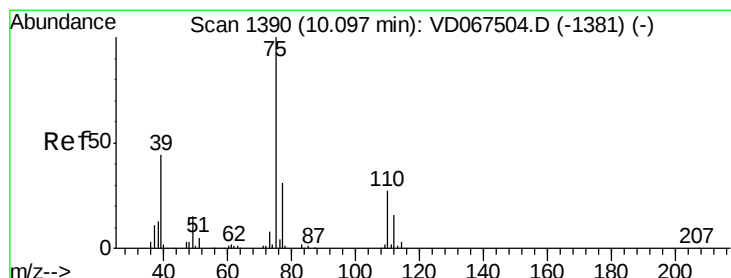
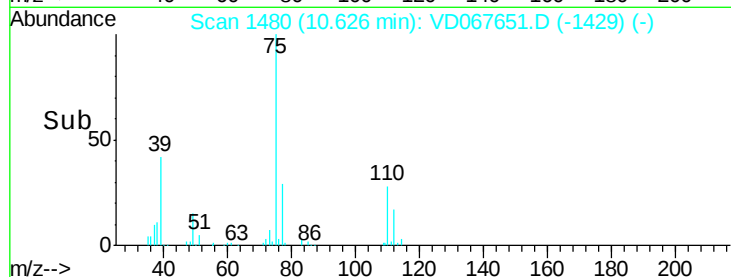
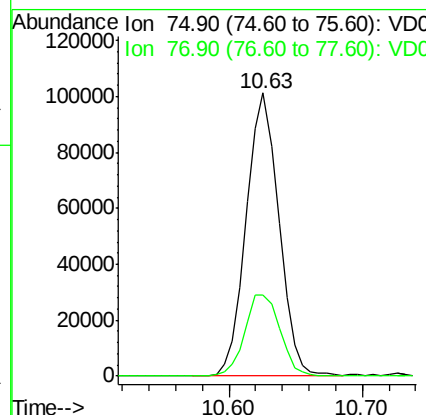
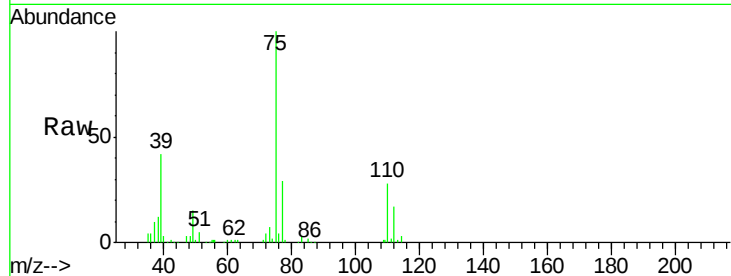
#53
t-1,3-Dichloropropene
Concen: 56.522 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.7	27.0	40.6

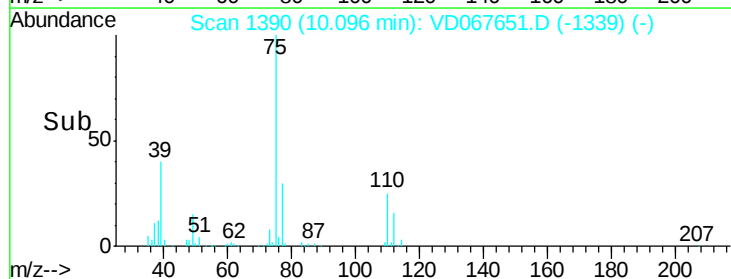
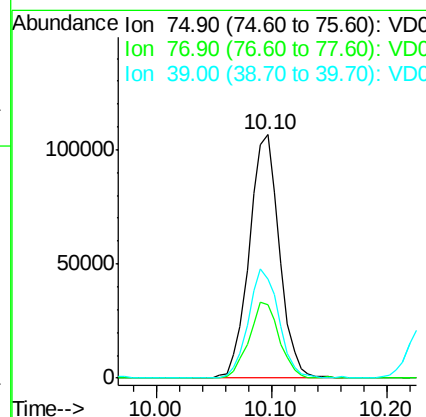
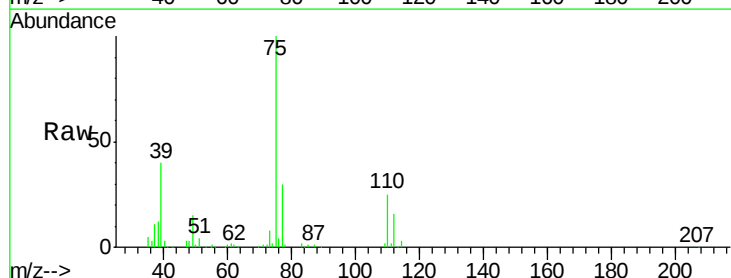
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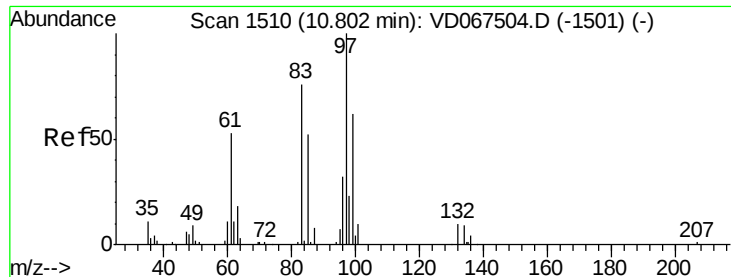
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.667 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.4	36.6
39	40.5	35.6	53.4





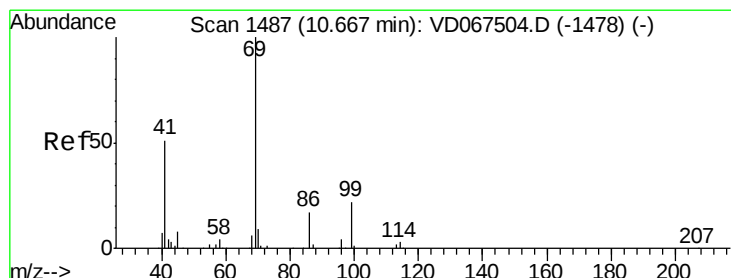
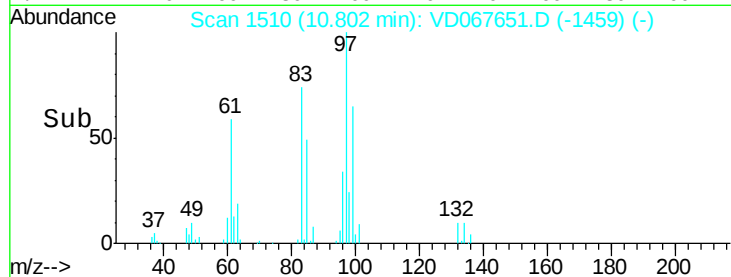
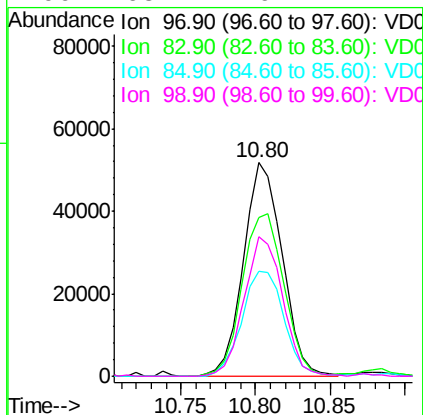
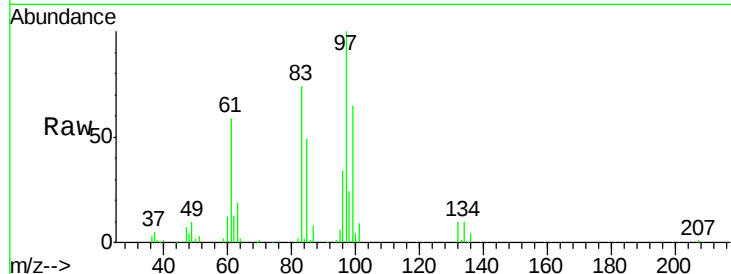
#55
 1,1,2-Trichloroethane
 Concen: 53.736 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	92915
Ion	Ratio	Lower	Upper
97	100		
83	74.5	61.0	91.6
85	49.2	41.5	62.3
99	65.4	49.4	74.2

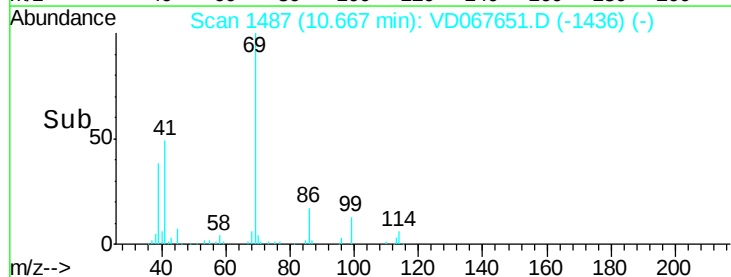
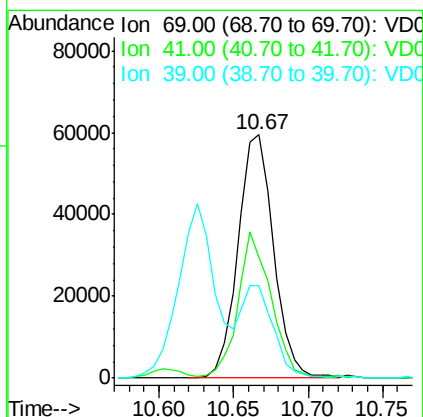
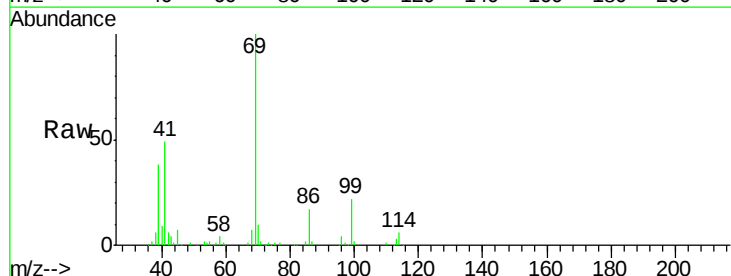
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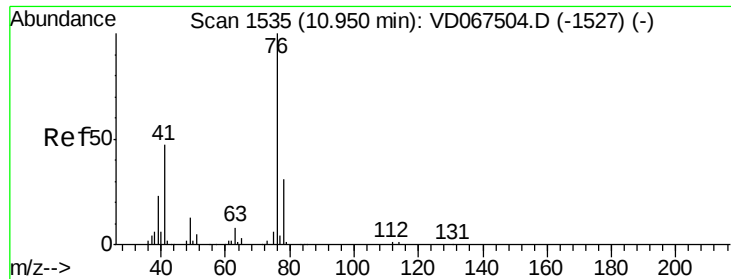
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#56
 Ethyl methacrylate
 Concen: 55.332 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion	69	Resp	98799
Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.4	68.0
39	33.5	27.4	41.0





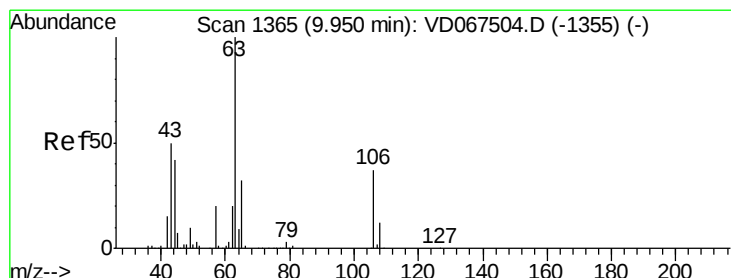
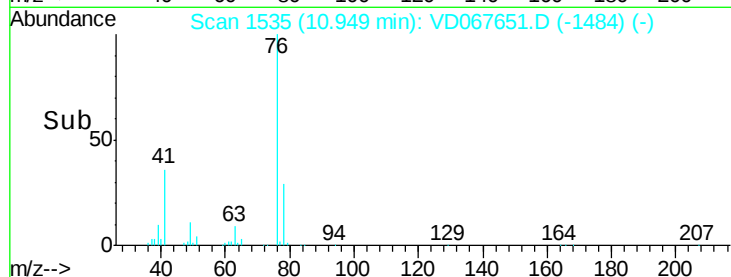
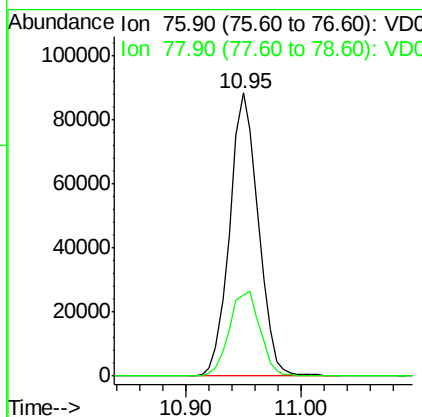
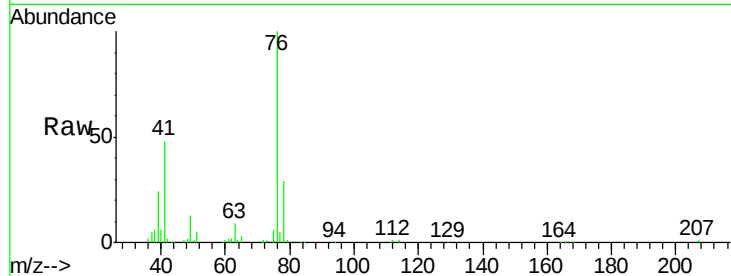
#57
 1,3-Dichloropropane
 Concen: 54.556 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 151797
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

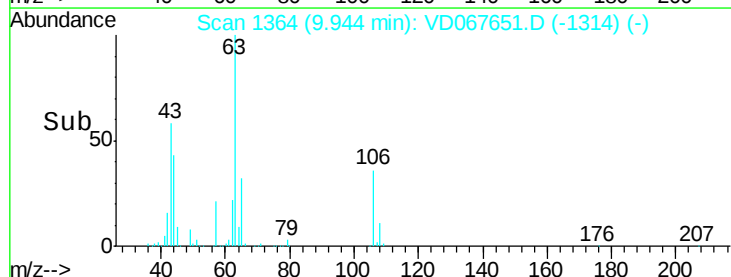
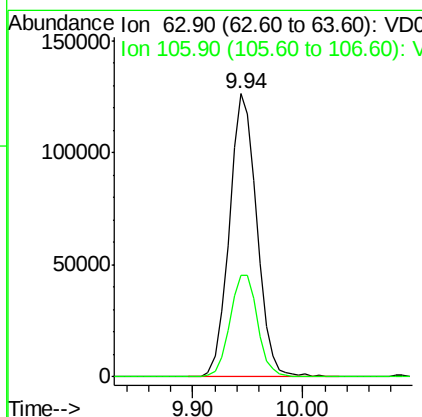
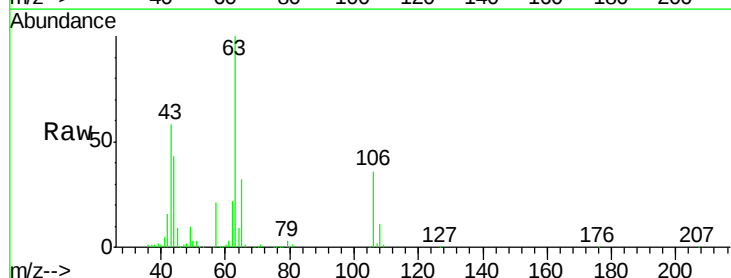
Manual Integrations
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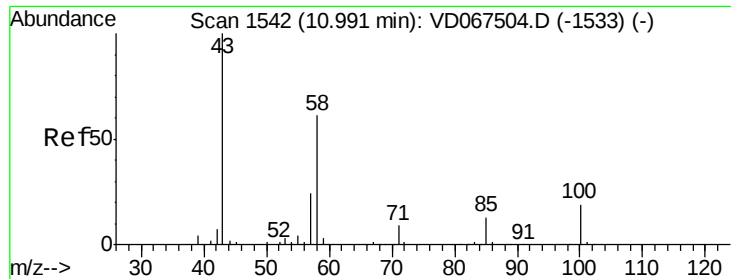
MMDadoda
 11/18/2020 10:50:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.691 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion: 63 Resp: 221232
 Ion Ratio Lower Upper
 63 100
 106 36.2 29.2 43.8





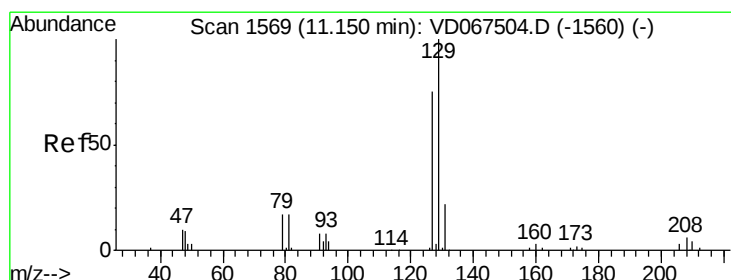
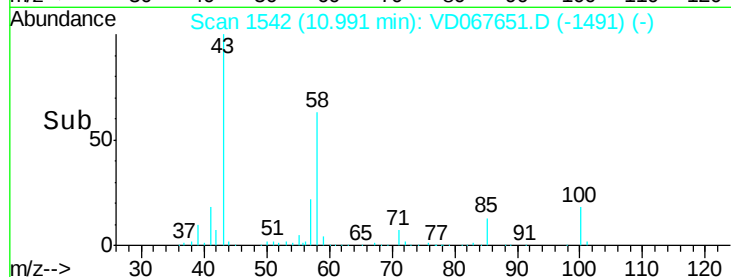
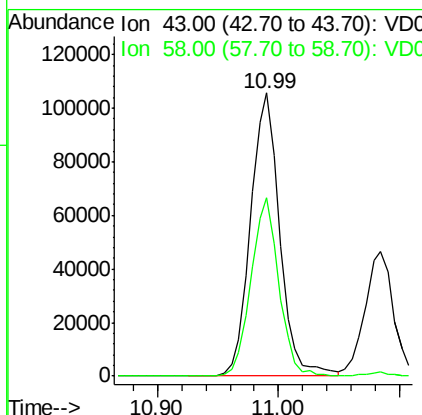
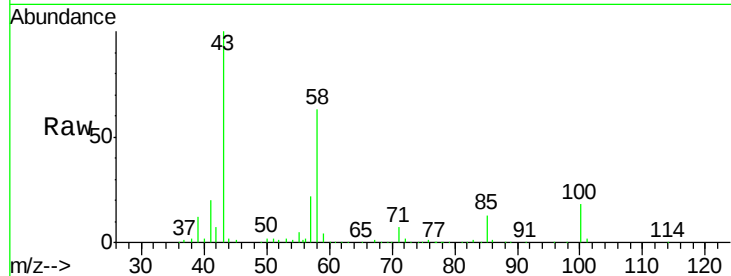
#59
2-Hexanone
Concen: 296.674 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 178760
Ion Ratio Lower Upper
43 100
58 60.1 30.3 90.9

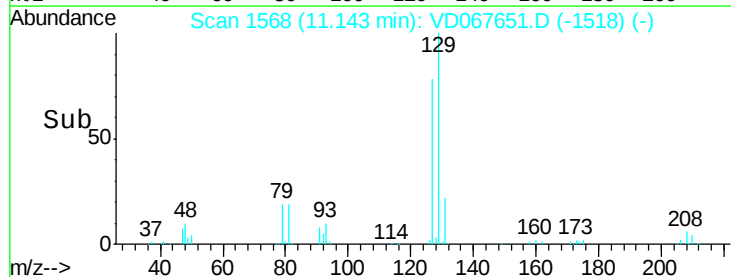
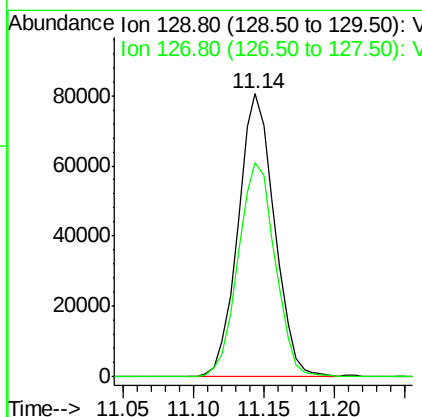
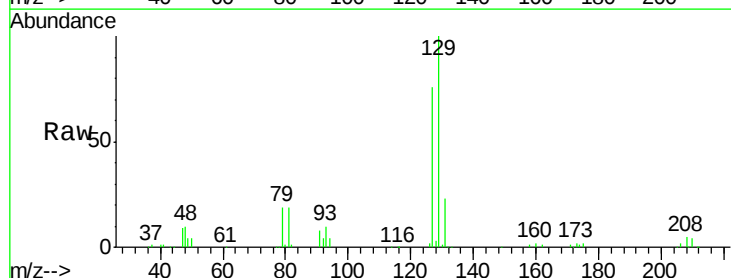
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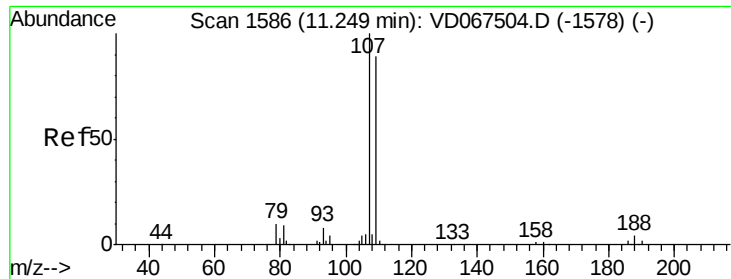
MMDadoda
11/18/2020 10:50:14 AM



#60
Dibromochloromethane
Concen: 56.646 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion: 129 Resp: 144888
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1





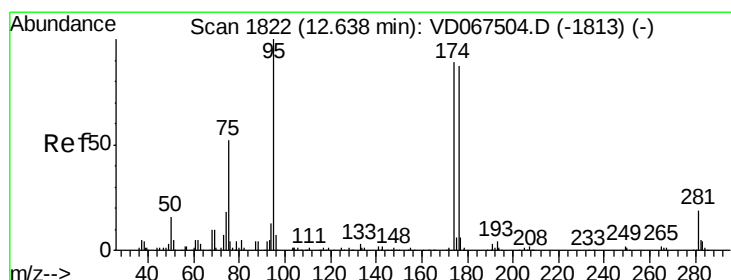
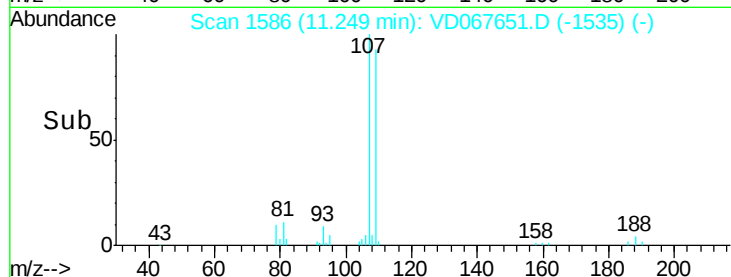
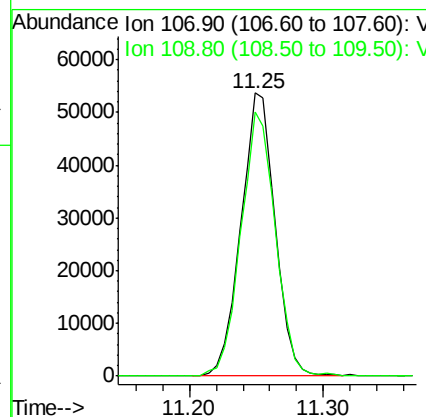
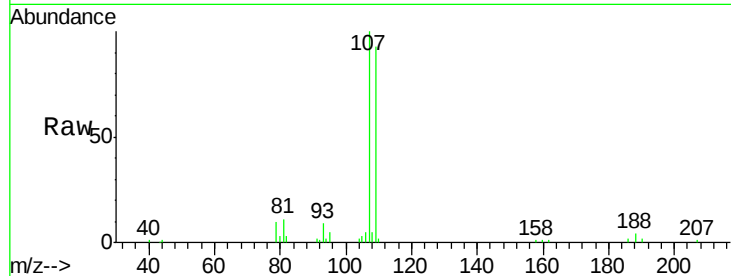
#61
 1,2-Dibromoethane
 Concen: 54.497 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 94574
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.6 111.8

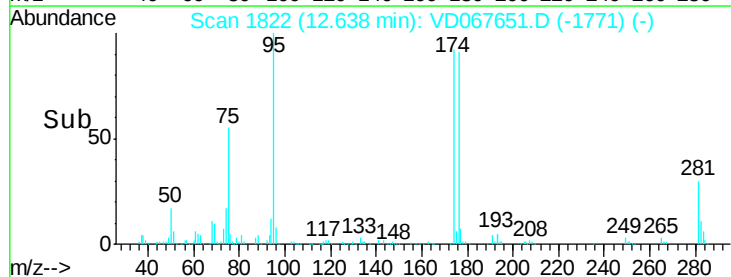
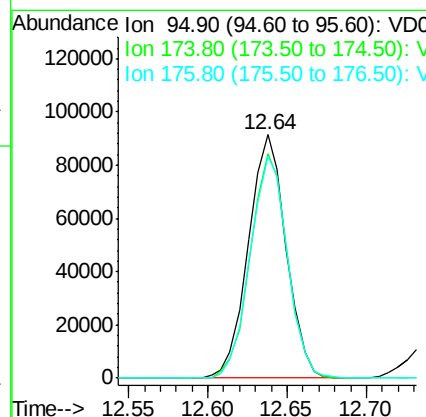
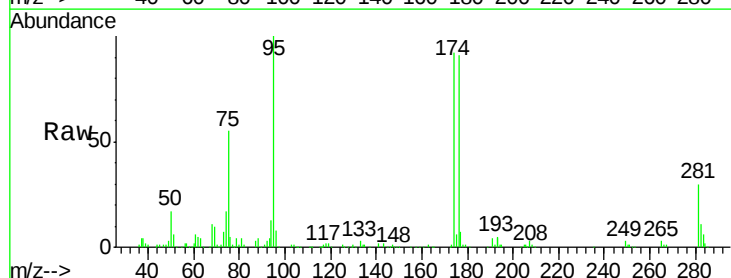
Manual Integrations
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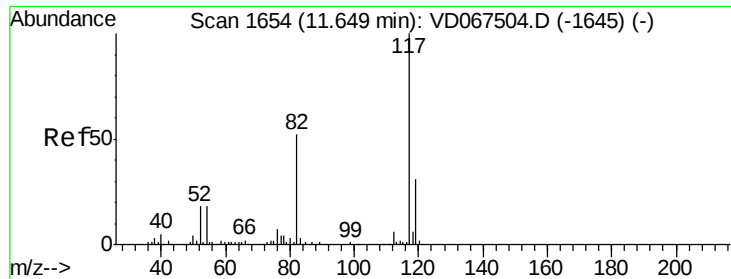
MMDadoda
 11/18/2020 10:50:14 AM



#62
 4-Bromofluorobenzene
 Concen: 50.335 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion: 95 Resp: 150853
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 177.8
 176 90.6 0.0 172.0





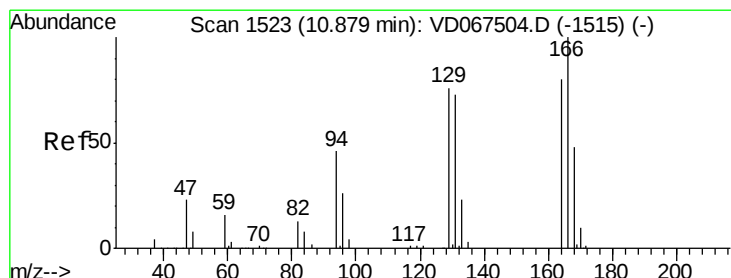
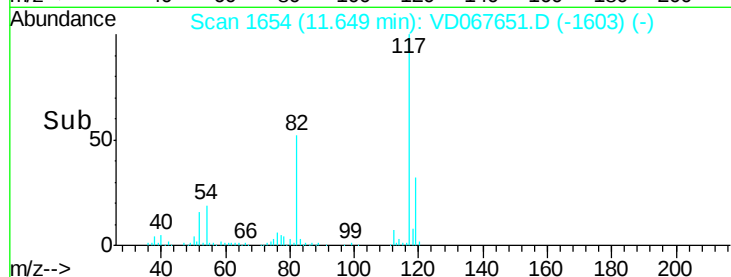
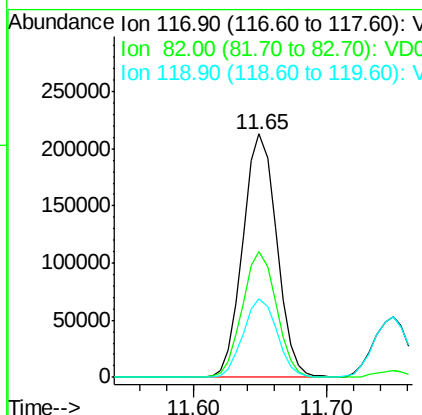
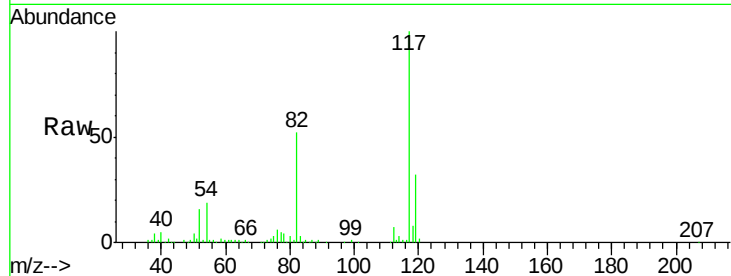
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.6	62.4
119	32.2	25.1	37.7

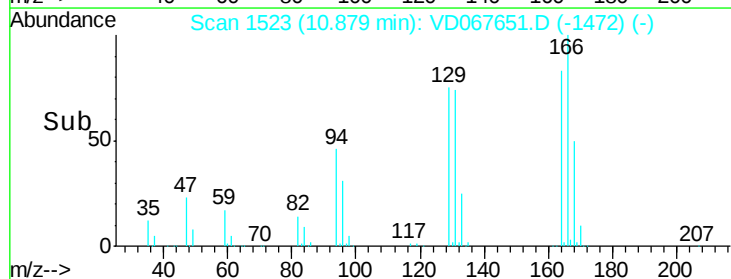
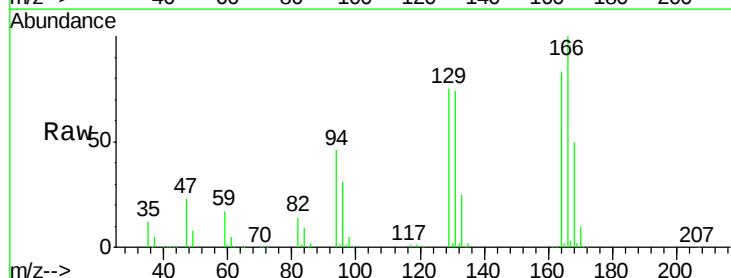
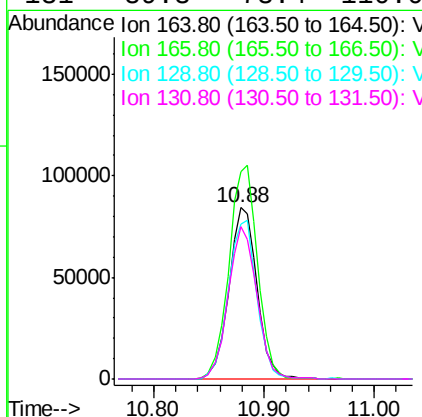
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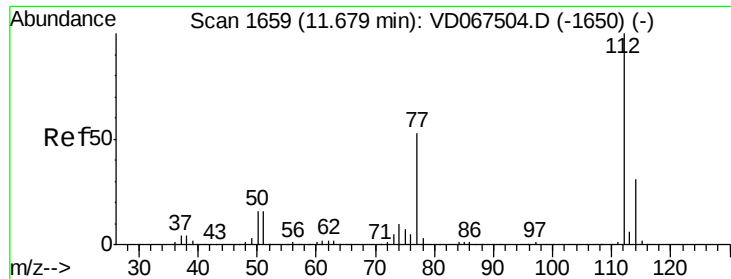
MMDadoda
11/18/2020 10:50:14 AM



#64
Tetrachloroethene
Concen: 53.991 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.0	99.9	149.9
129	90.9	75.5	113.3
131	89.3	73.4	110.0





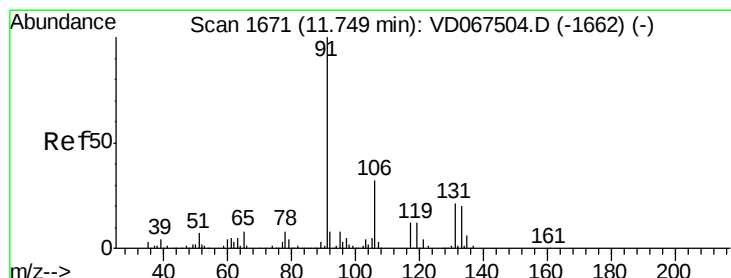
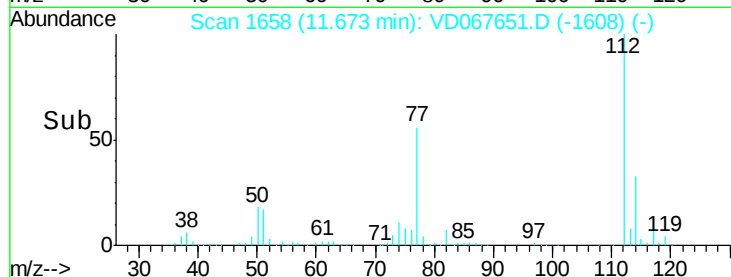
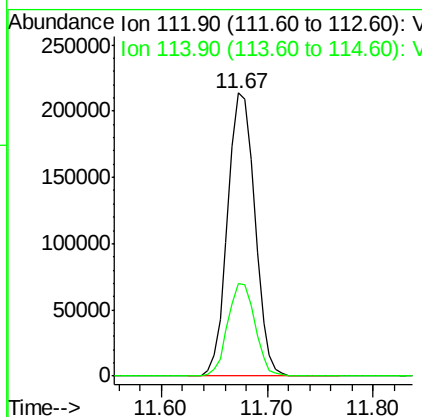
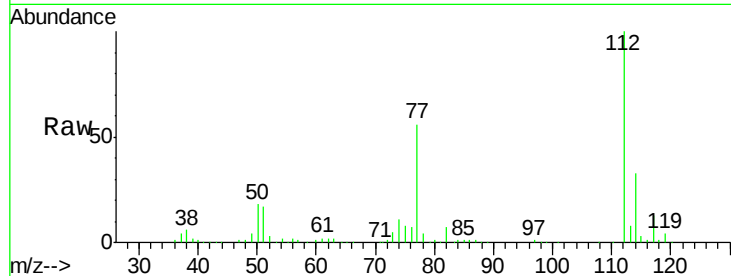
#65
Chlorobenzene
Concen: 53.060 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 382768
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3

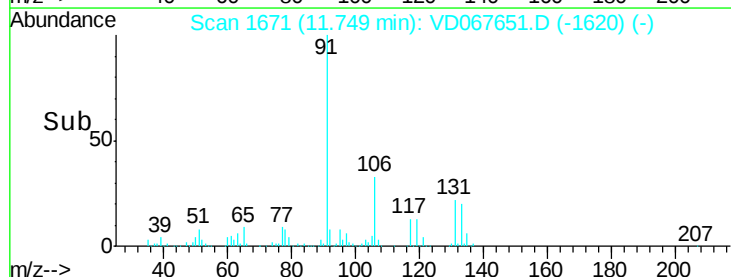
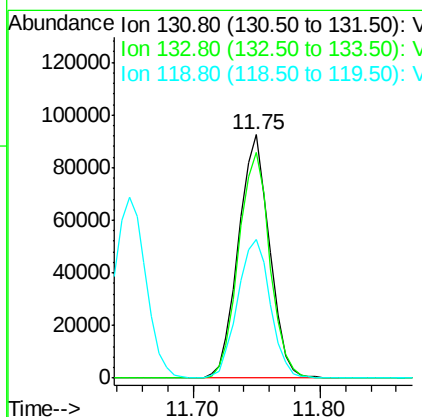
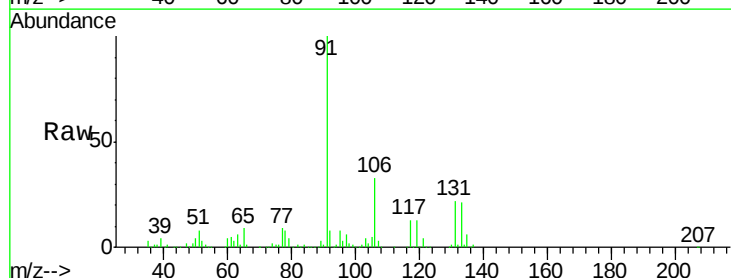
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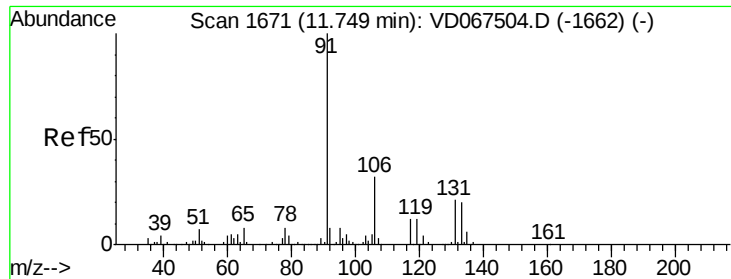
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.471 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion:131 Resp: 157718
Ion Ratio Lower Upper
131 100
133 93.2 48.0 144.0
119 59.9 30.1 90.5





#67

Ethyl Benzene

Concen: 56.278 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 694720

Ion Ratio Lower Upper

91 100

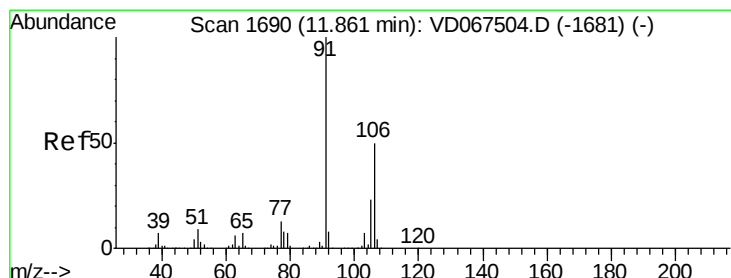
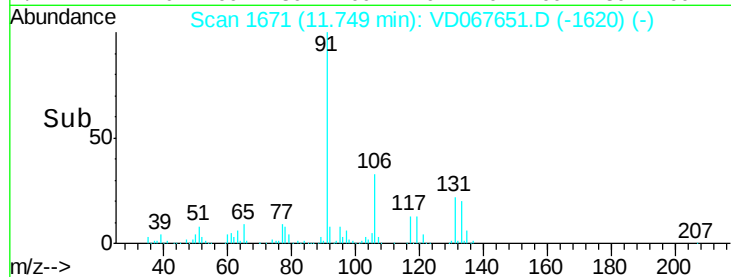
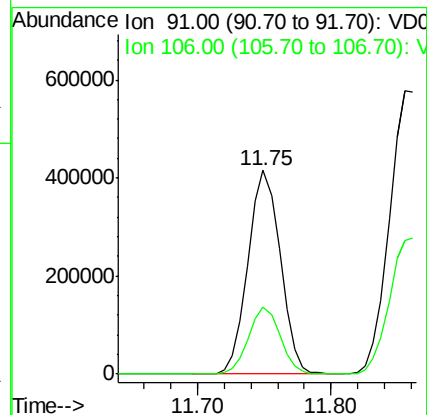
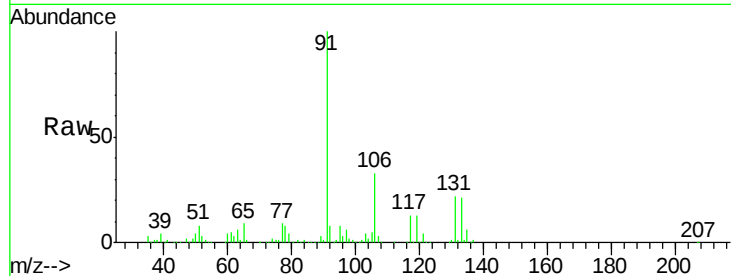
106 32.7 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 112.006 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD067651.D

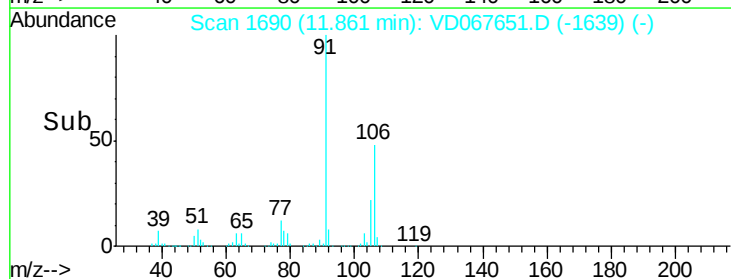
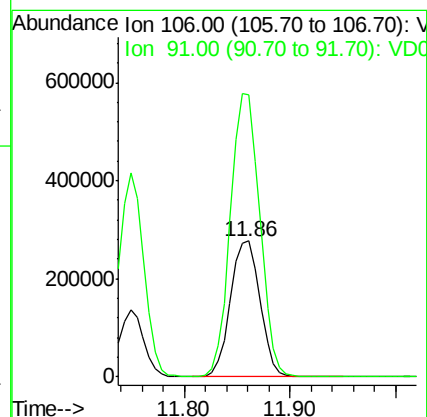
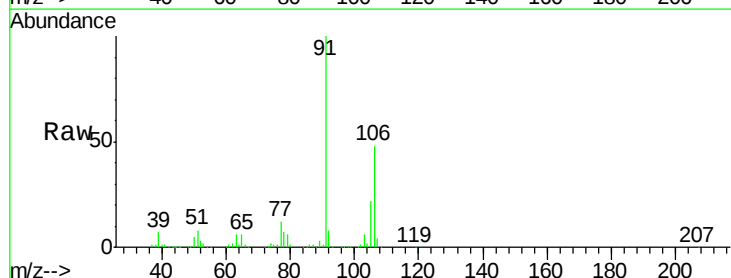
Acq: 17 Nov 2020 09:52

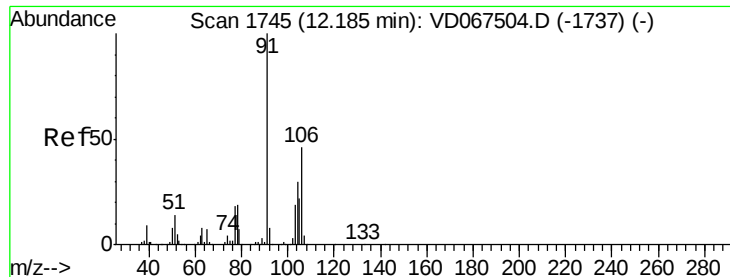
Tgt Ion: 106 Resp: 537910

Ion Ratio Lower Upper

106 100

91 206.2 162.6 244.0





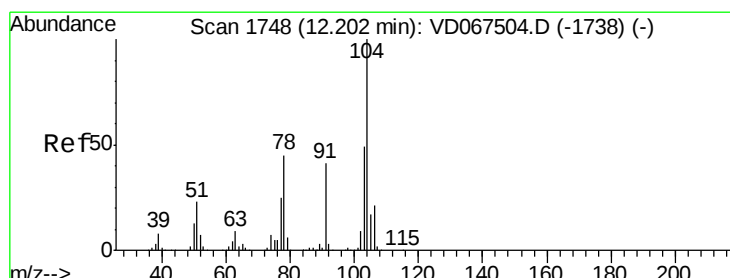
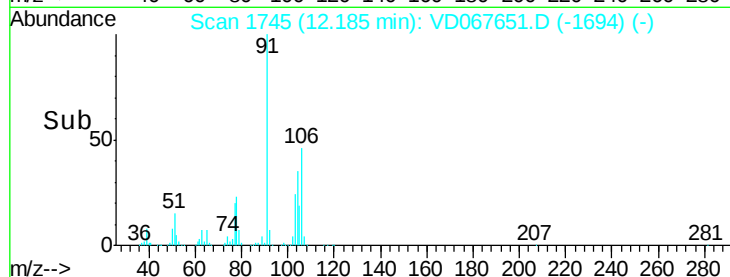
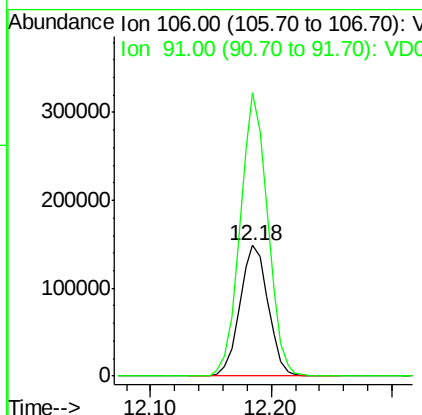
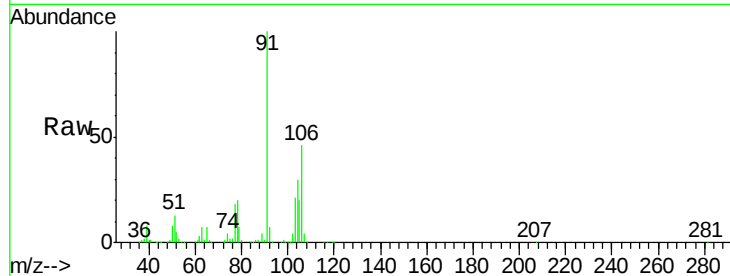
#69
o-Xylene
Concen: 56.970 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 244276
Ion Ratio Lower Upper
106 100
91 210.2 107.1 321.1

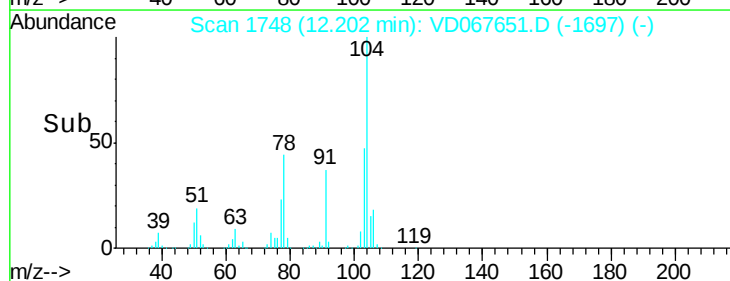
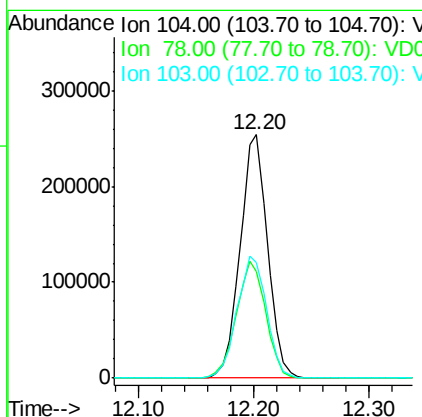
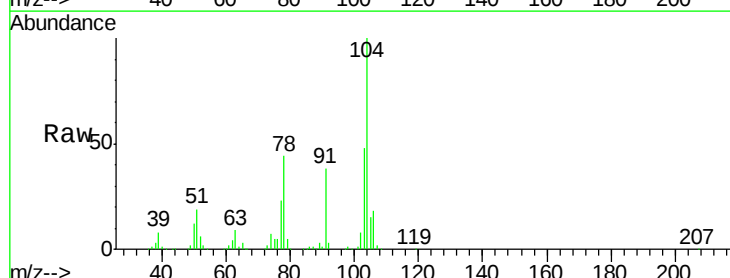
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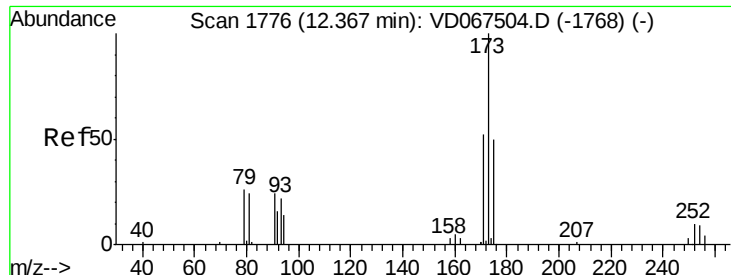
MMDadoda
11/18/2020 10:50:14 AM



#70
Styrene
Concen: 56.024 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion:104 Resp: 418589
Ion Ratio Lower Upper
104 100
78 51.4 39.8 59.8
103 54.1 43.9 65.9





#71

Bromoform

Concen: 54.811 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 79479

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

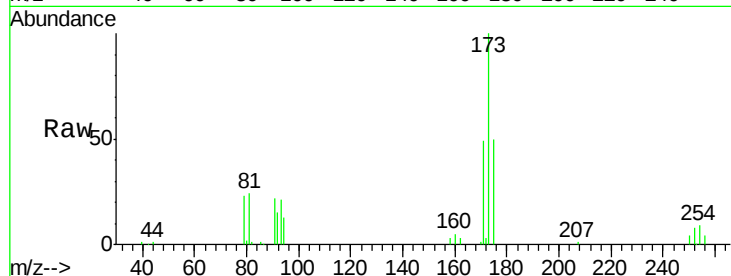
254 0.0 0.0 0.0

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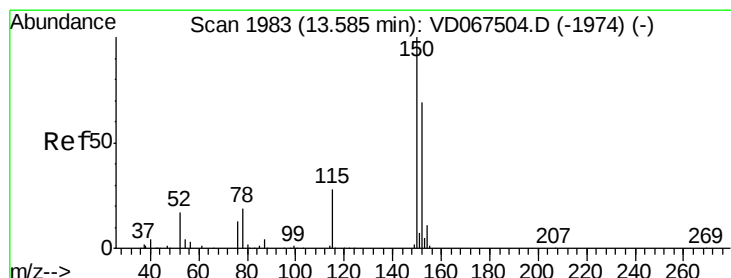
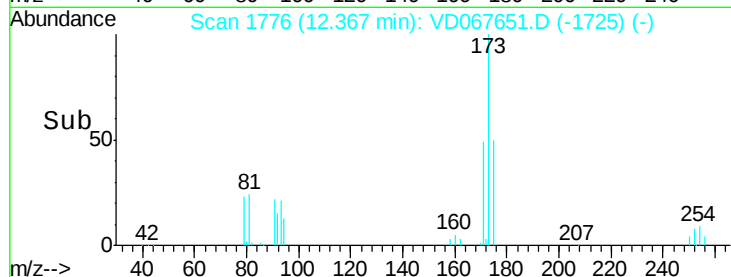
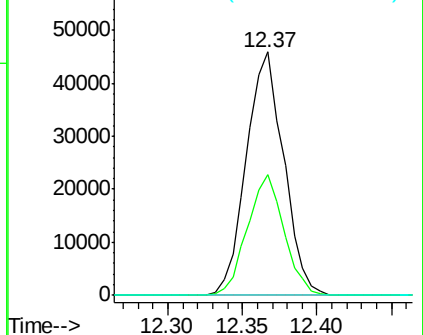
11/18/2020 10:50:14 AM



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# 1982

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

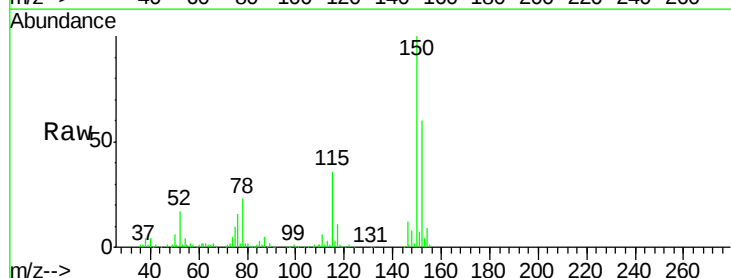
Tgt Ion:152 Resp: 190275

Ion Ratio Lower Upper

152 100

115 60.3 29.3 88.0

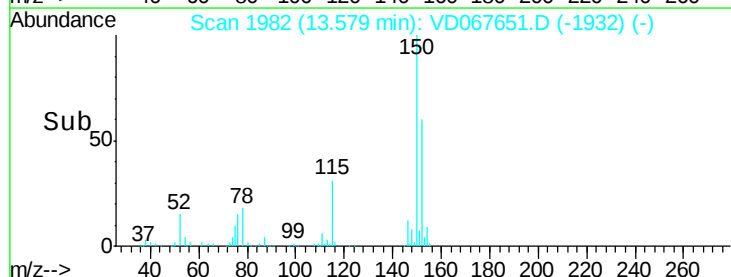
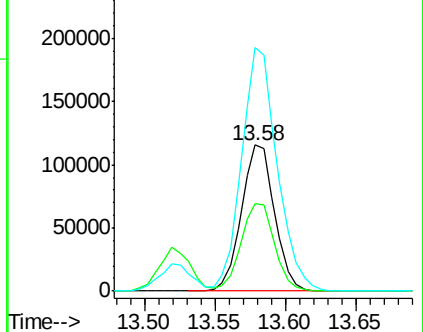
150 177.8 0.0 338.2

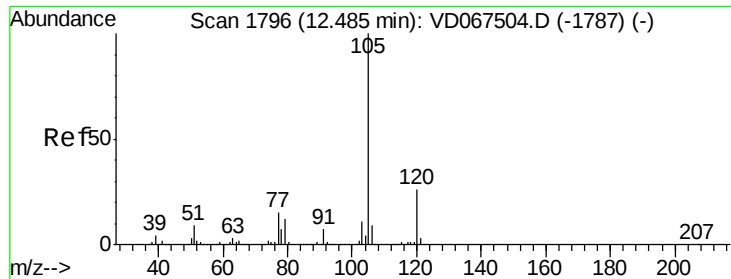


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.883 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 699499

Ion Ratio Lower Upper

105 100

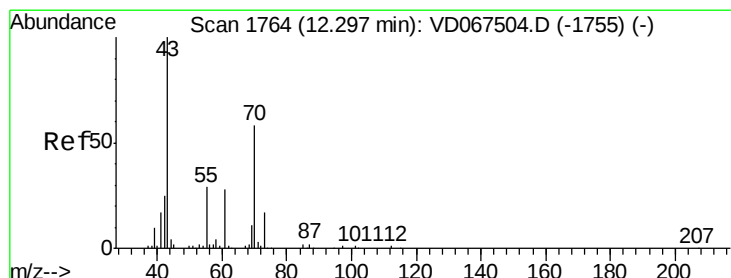
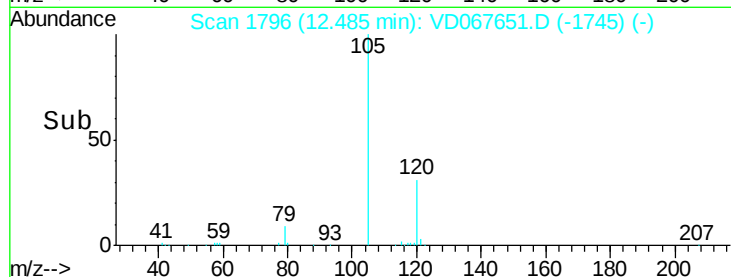
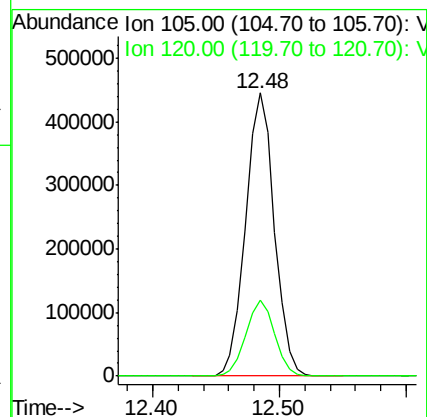
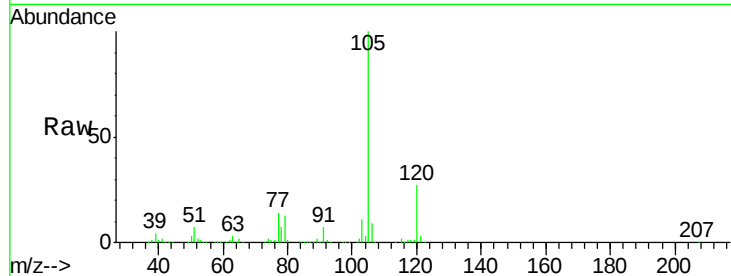
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 51.573 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Tgt Ion: 43 Resp: 83450

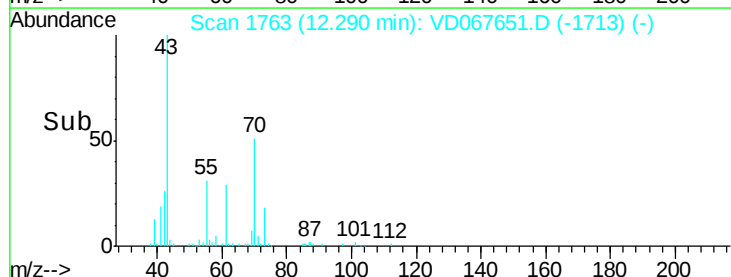
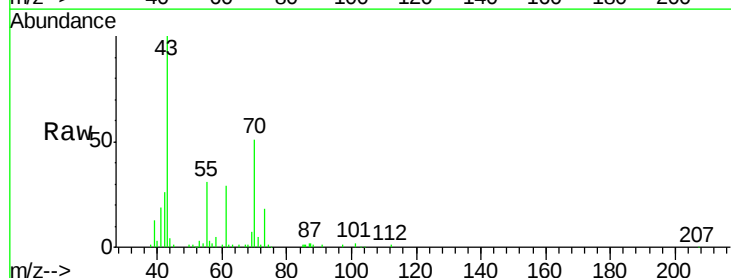
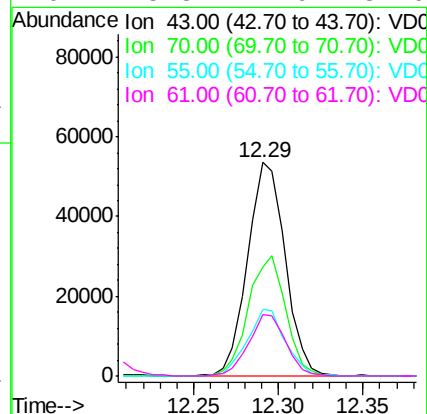
Ion Ratio Lower Upper

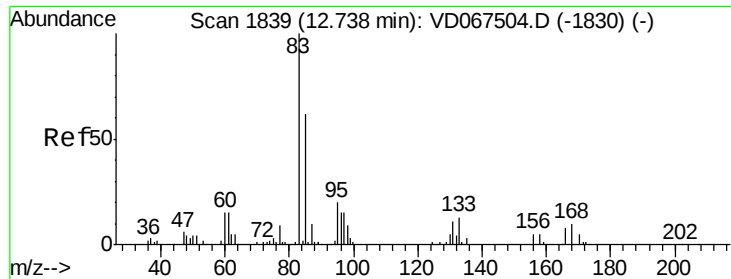
43 100

70 55.8 42.6 64.0

55 31.7 23.7 35.5

61 28.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.115 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

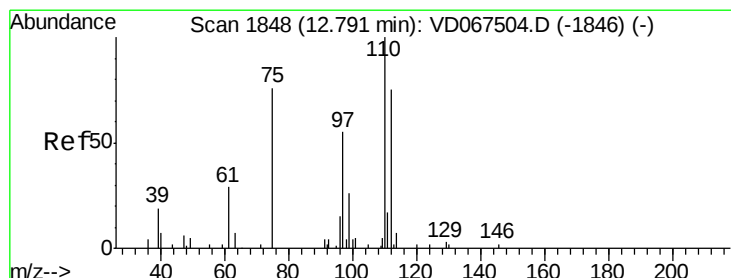
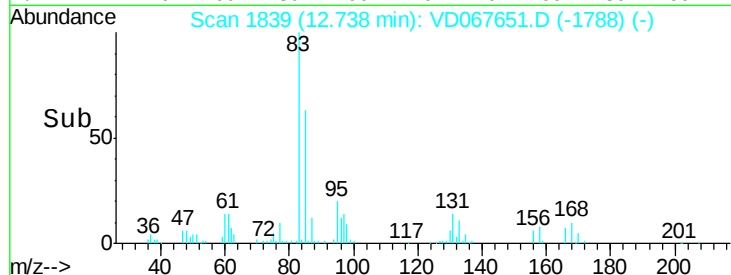
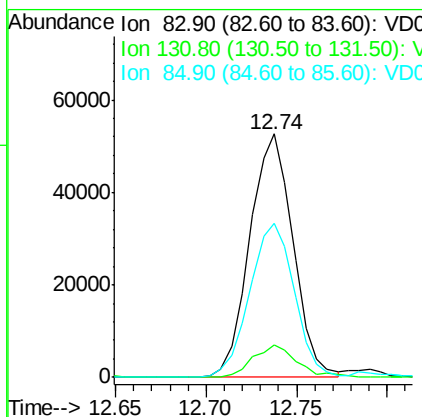
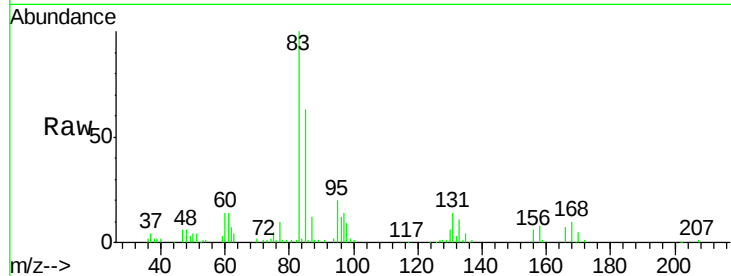
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	87390
Ion Ratio	Lower	Upper	
83	100		
131	13.9	7.1	21.3
85	65.0	32.9	98.7

Manual Integrations
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11/18/2020 10:50:14 AM



#76

1,2,3-Trichloropropane

Concen: 49.751 ug/l m

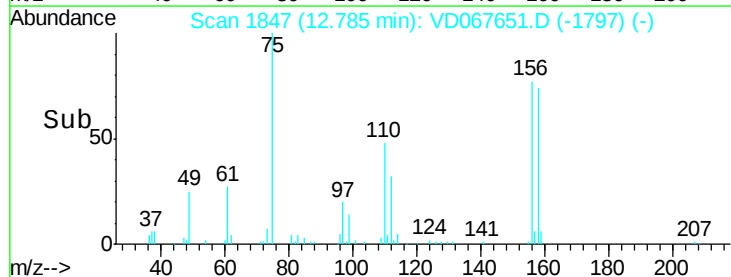
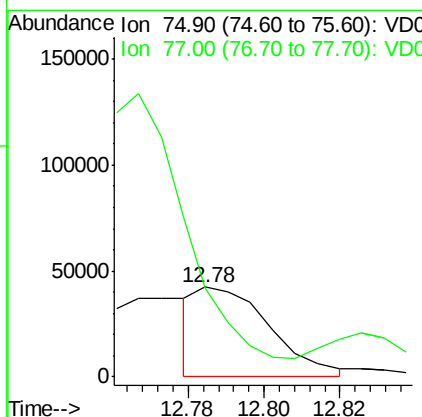
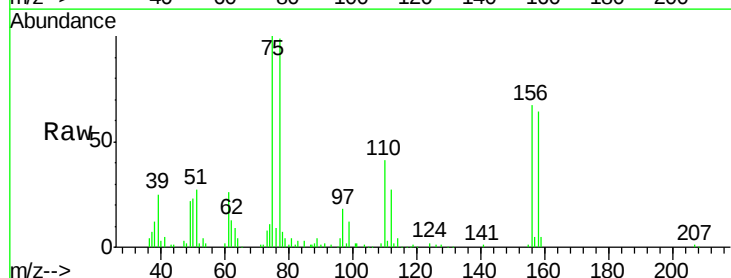
RT: 12.78 min Scan# 1847

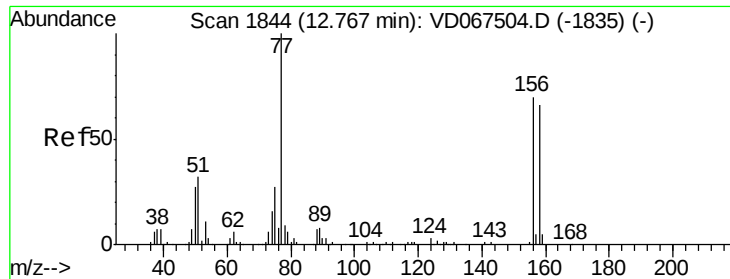
Delta R.T. -0.01 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Tgt Ion:	75	Resp:	57106
Ion Ratio	Lower	Upper	
75	100		
77	437.2	0.0	0.0#





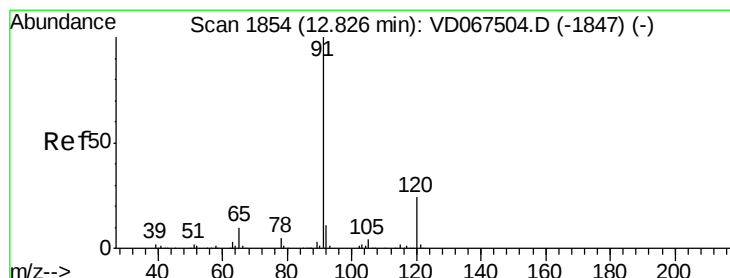
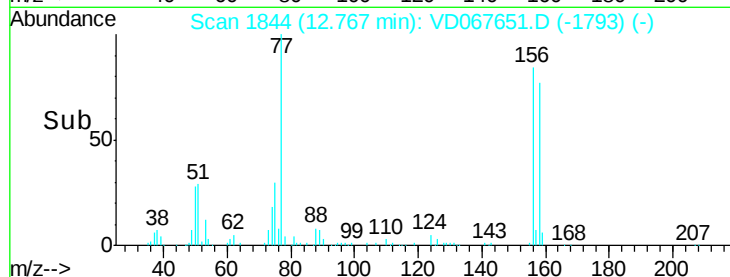
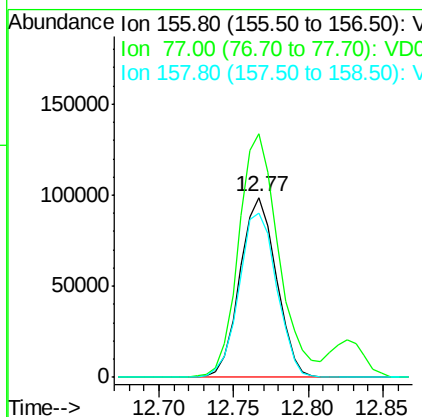
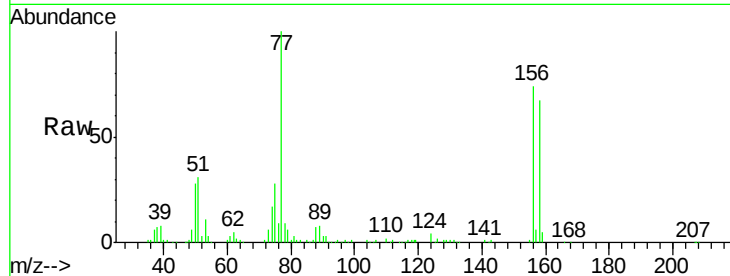
#77
Bromobenzene
Concen: 55.479 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		167547		
77	149.0	77.8	233.5		
158	93.9	47.9	143.7		

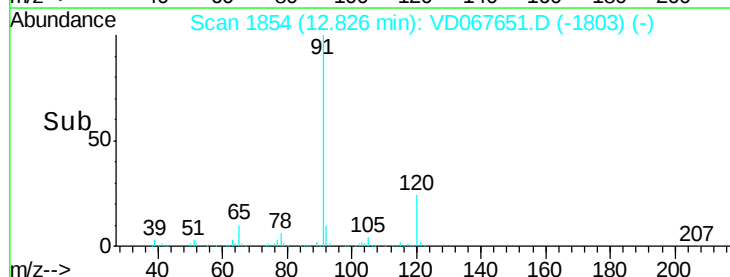
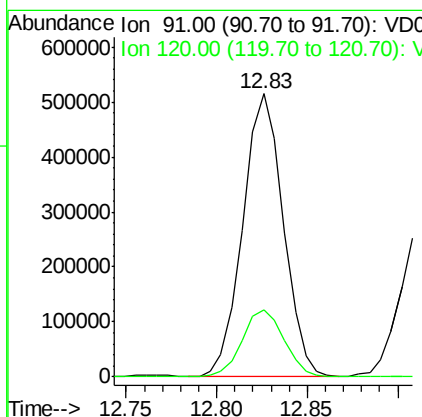
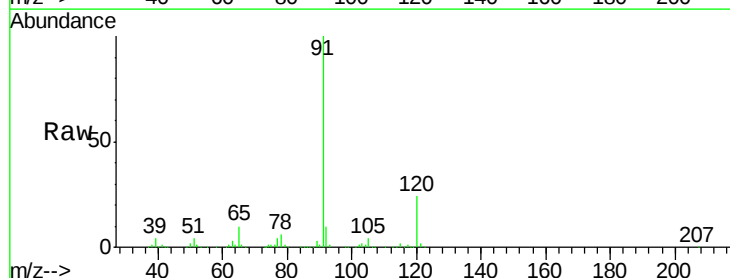
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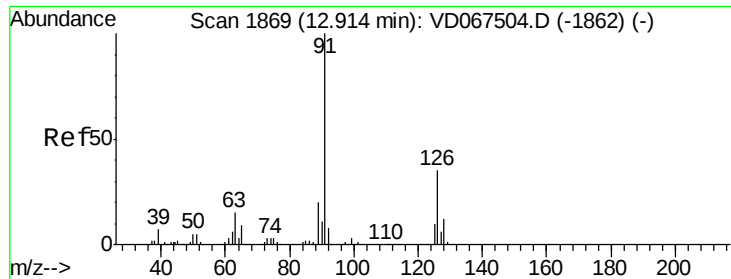
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#78
n-propylbenzene
Concen: 56.743 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		798129		
120	24.4	12.2	36.4		





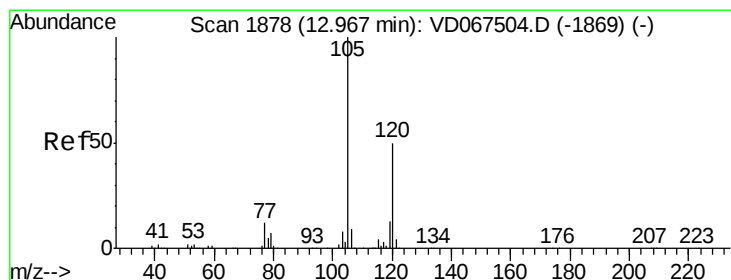
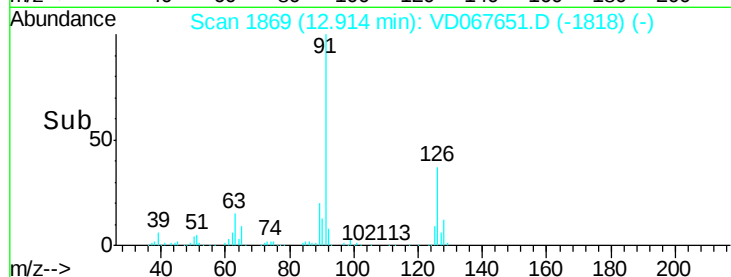
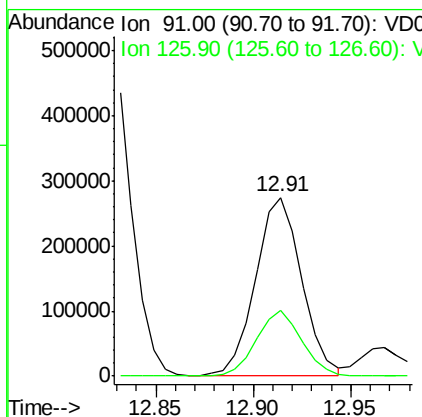
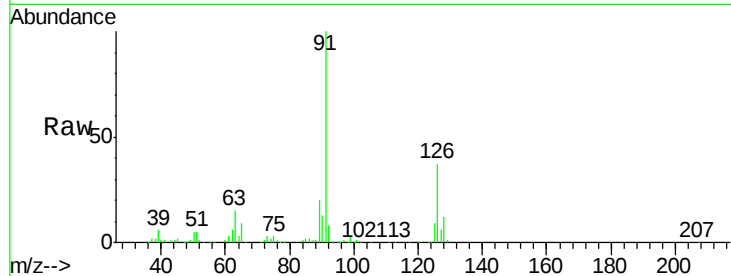
#79
2-Chlorotoluene
Concen: 55.989 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 447355
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.4

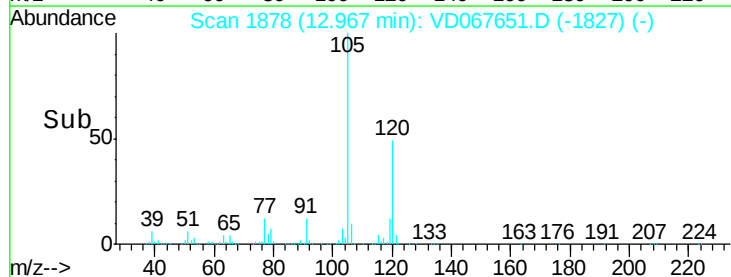
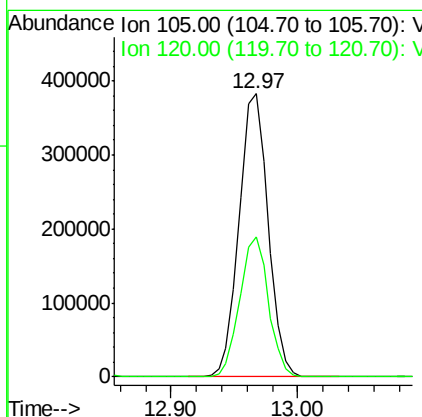
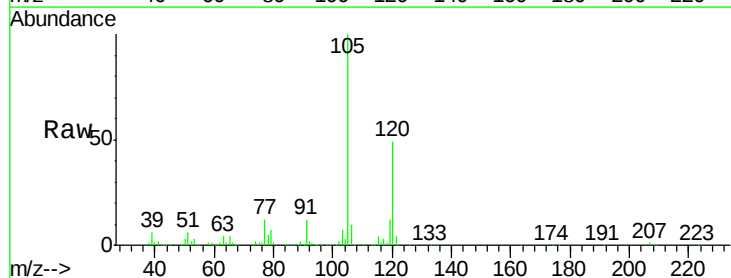
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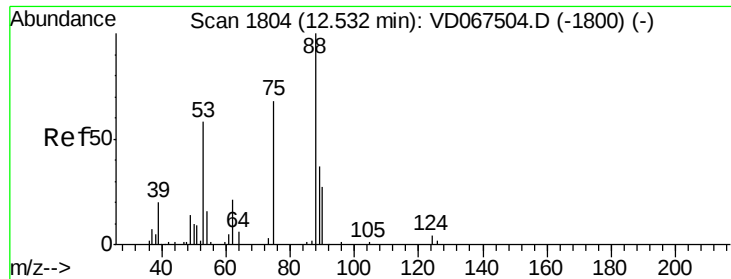
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#80
1,3,5-Trimethylbenzene
Concen: 57.764 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion: 105 Resp: 606800
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





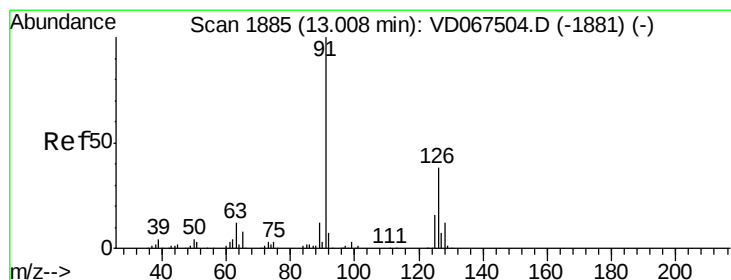
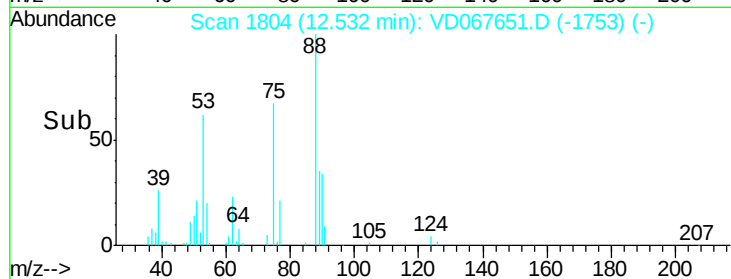
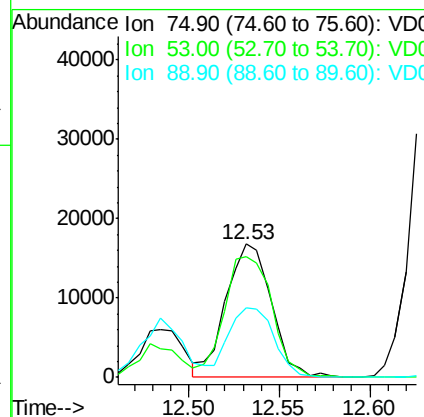
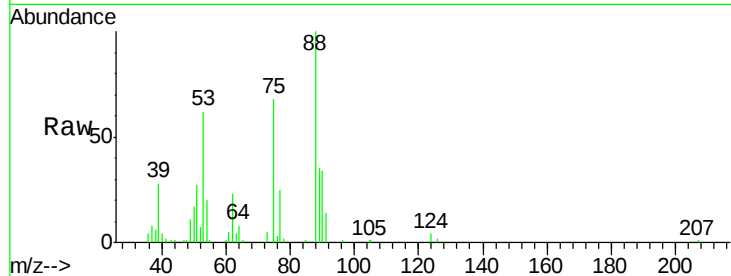
#81
trans-1,4-Dichloro-2-butene
Concen: 51.644 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	75.9	113.9
89	53.0	44.6	67.0

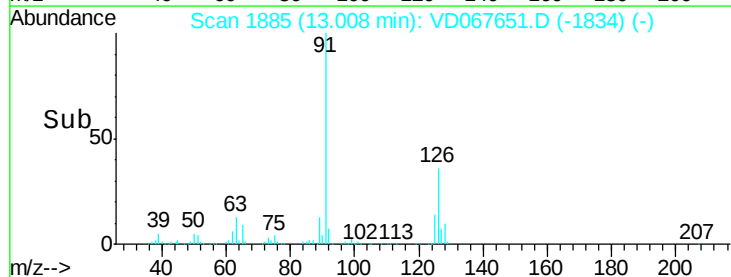
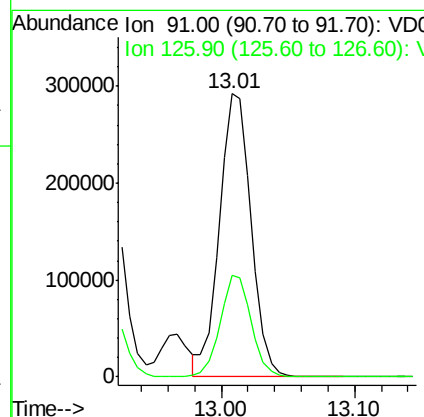
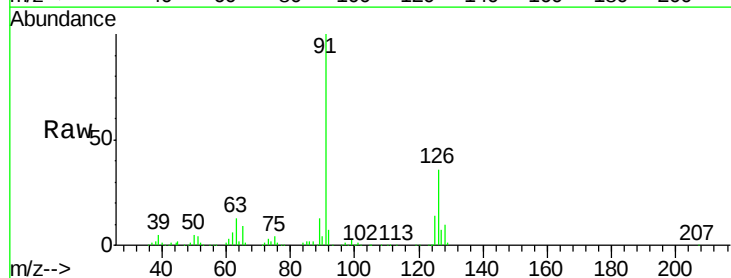
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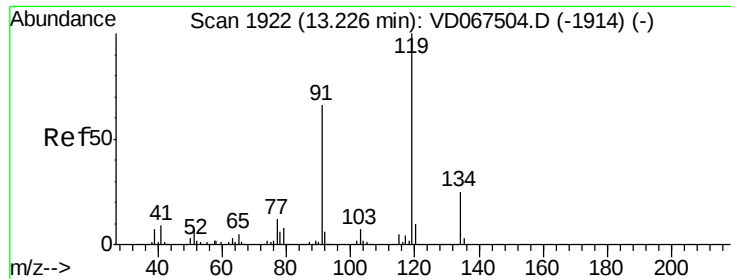
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#82
4-Chlorotoluene
Concen: 56.776 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.9	53.7





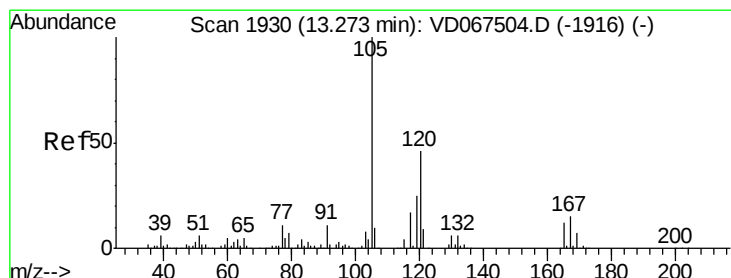
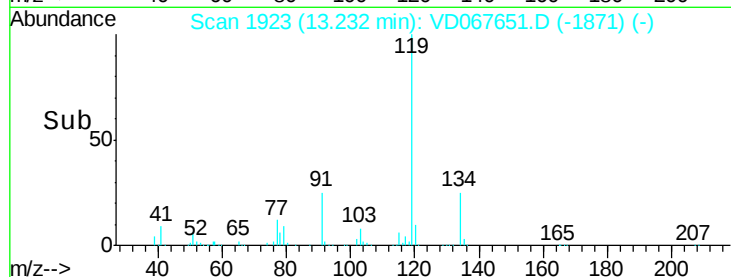
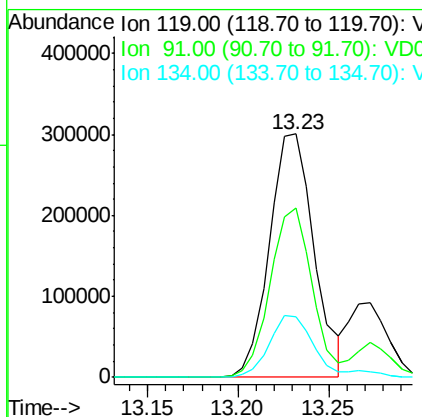
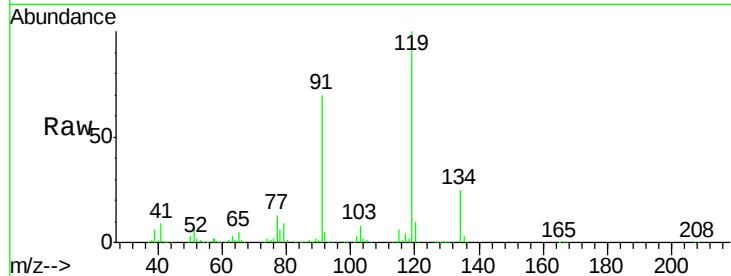
#83
tert-Butylbenzene
Concen: 58.060 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	26.7	13.4	40.2

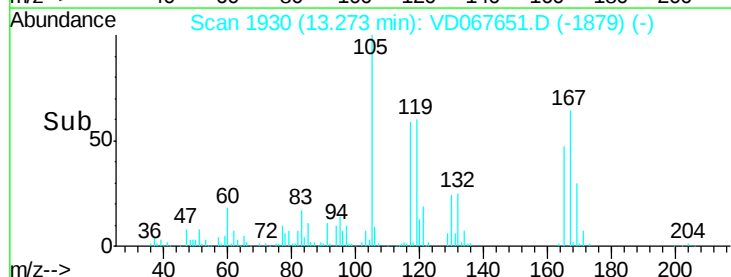
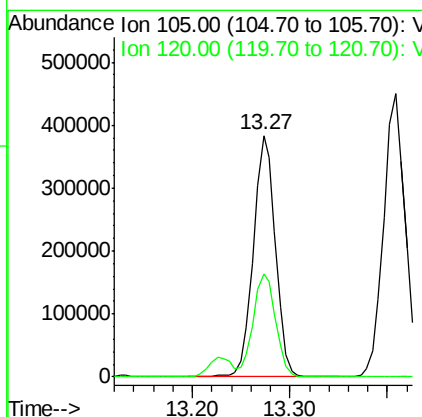
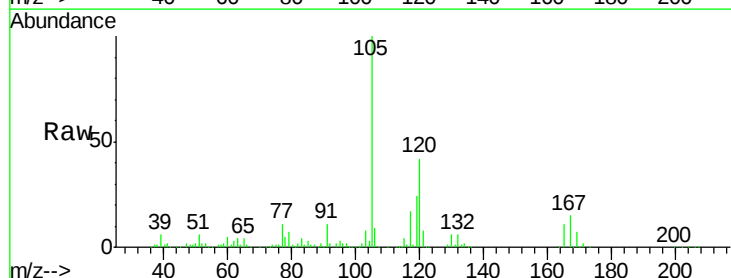
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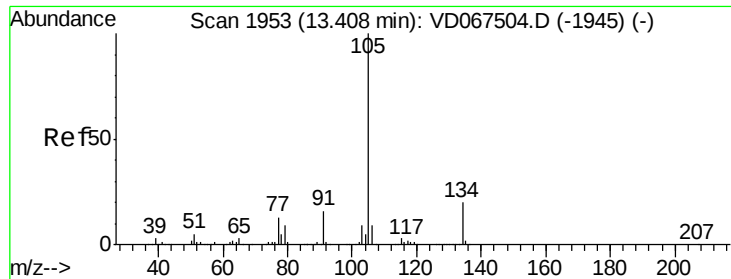
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#84
1,2,4-Trimethylbenzene
Concen: 58.335 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1





#85

sec-Butylbenzene

Concen: 57.369 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 689488

Ion Ratio Lower Upper

105 100

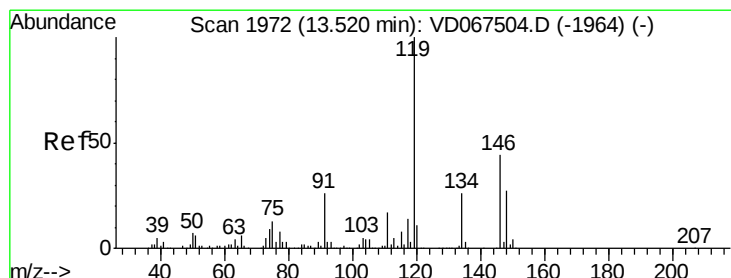
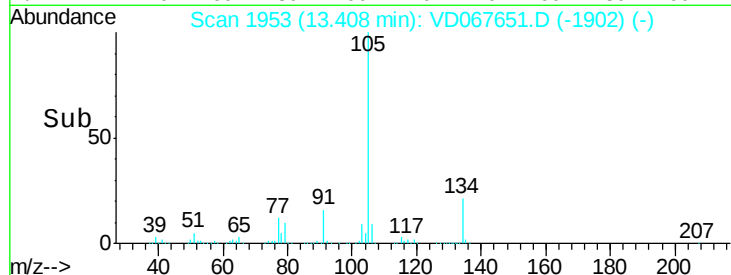
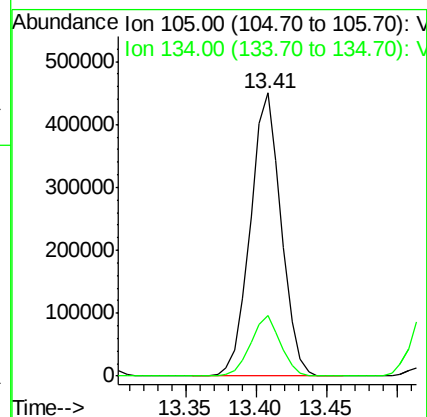
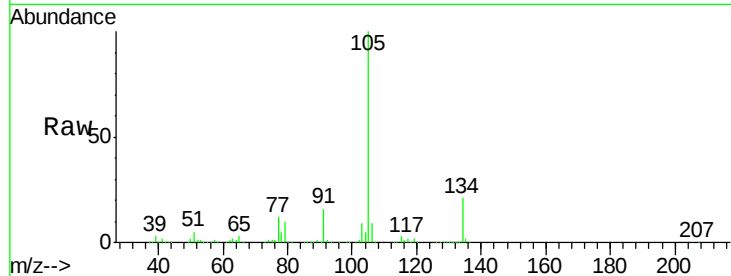
134 20.6 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 57.475 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067651.D

Acq: 17 Nov 2020 09:52

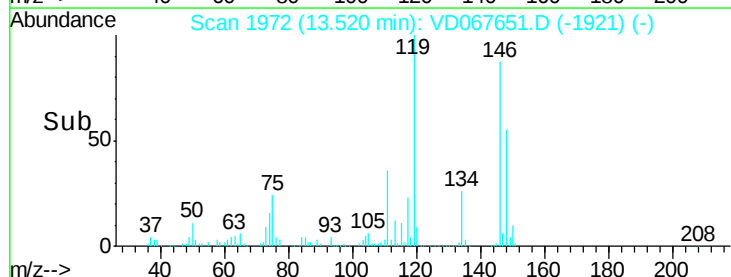
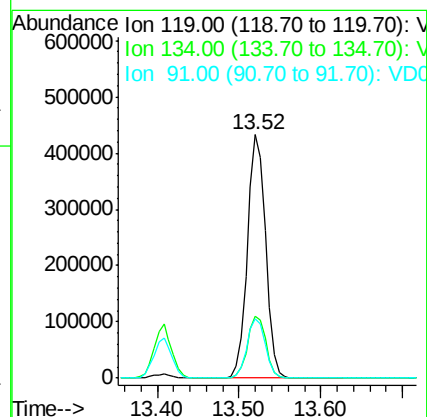
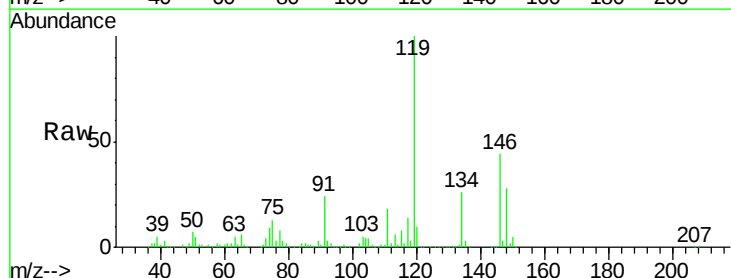
Tgt Ion:119 Resp: 667048

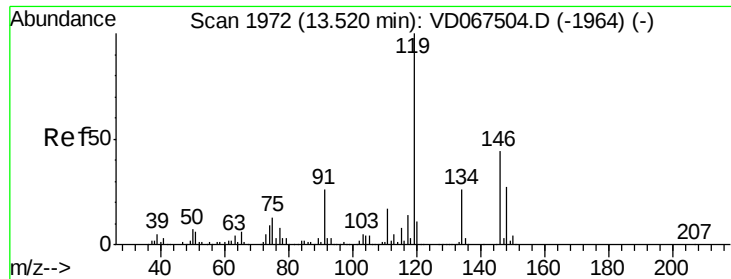
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.5 12.2 36.4





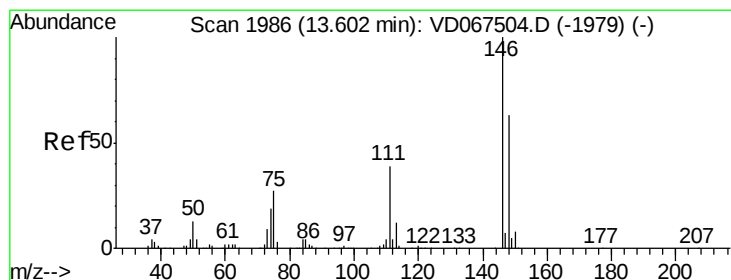
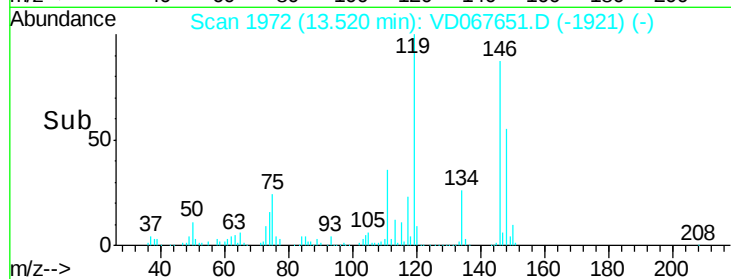
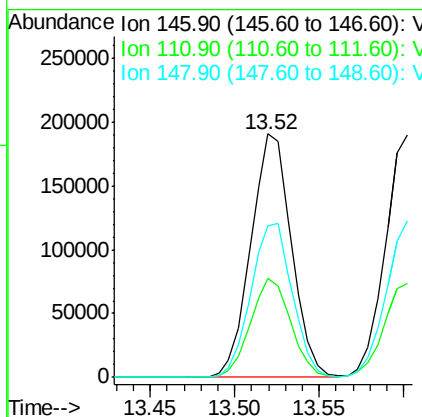
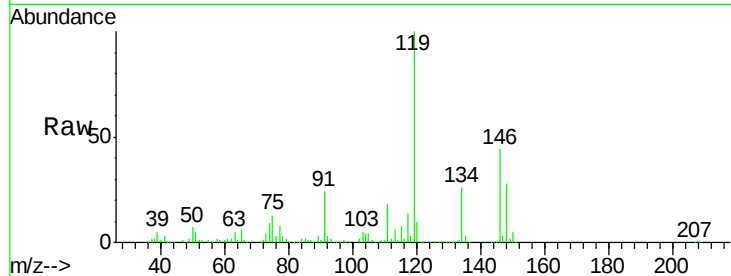
#87
 1,3-Dichlorobenzene
 Concen: 55.223 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	318231		
111	40.3	20.3	60.8	
148	64.5	31.9	95.9	

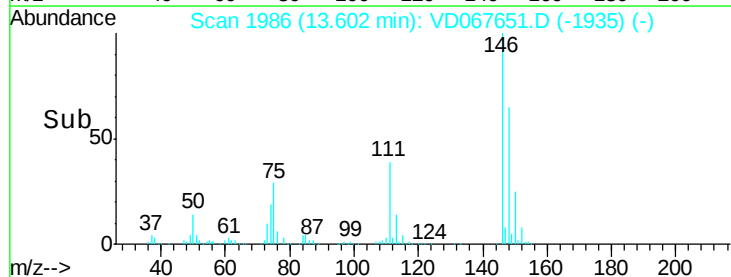
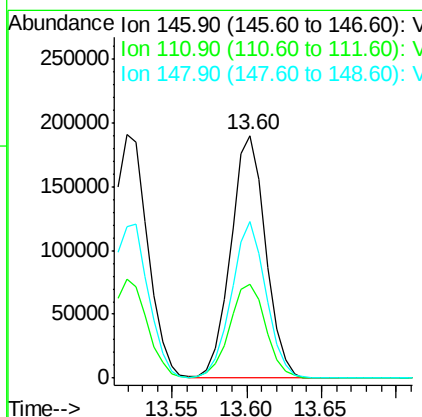
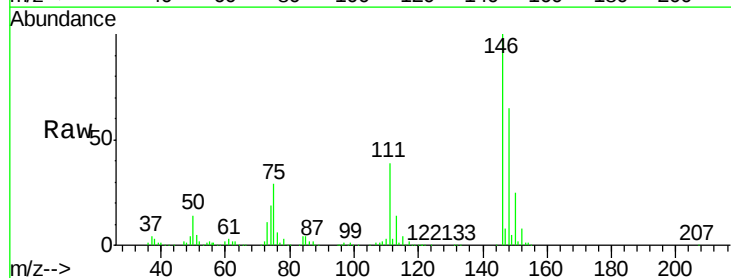
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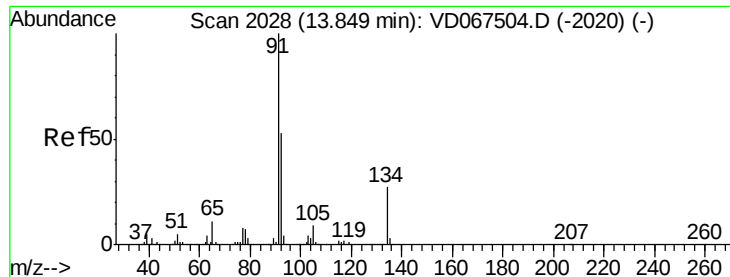
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#88
 1,4-Dichlorobenzene
 Concen: 53.020 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	309374		
111	40.3	19.6	58.7	
148	63.7	31.8	95.4	





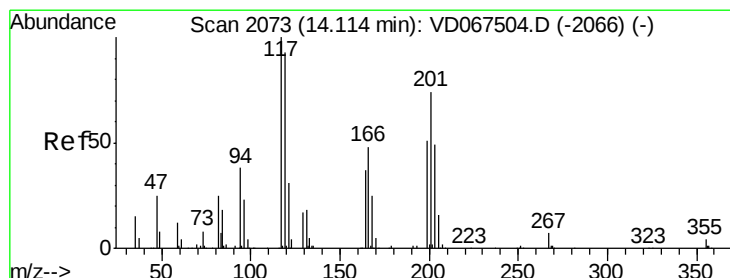
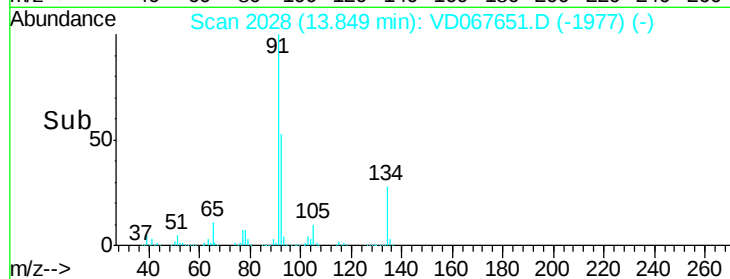
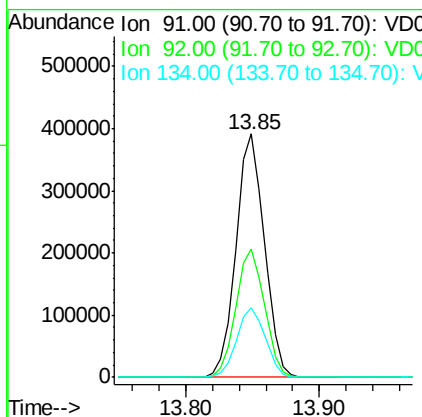
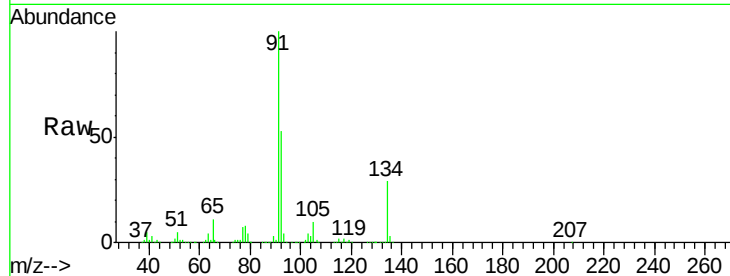
#89
n-Butylbenzene
Concen: 57.508 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	28.9	14.1	42.2

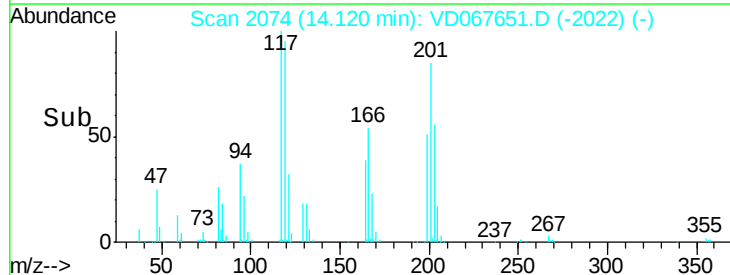
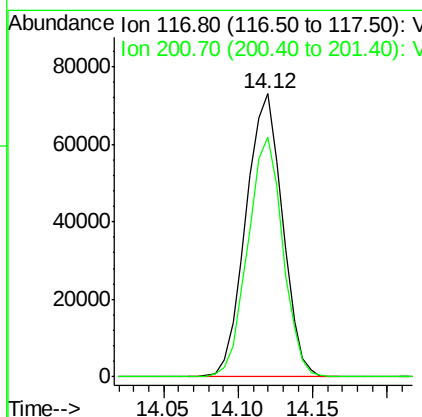
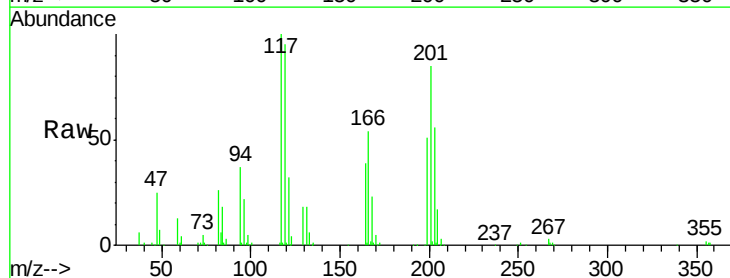
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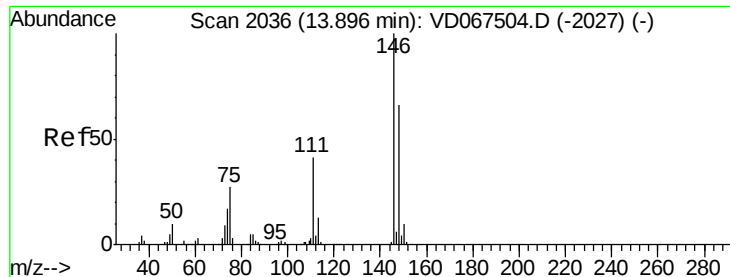
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#90
Hexachloroethane
Concen: 56.618 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	40.7	122.1





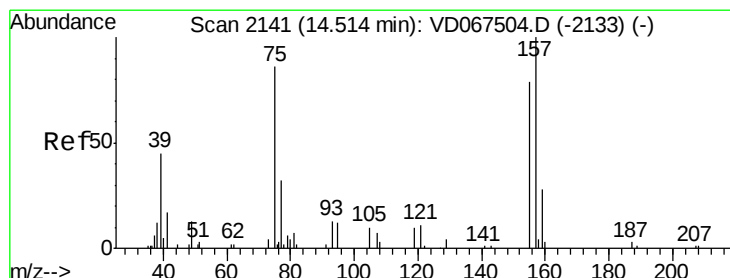
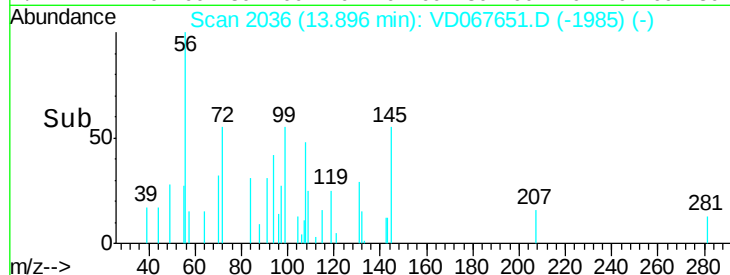
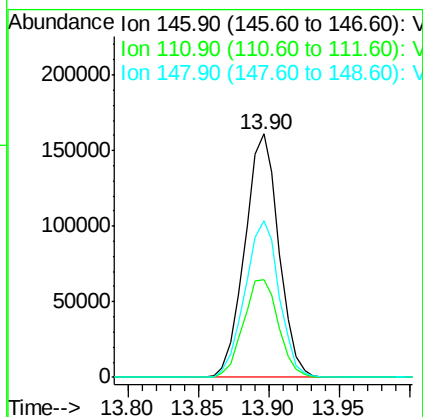
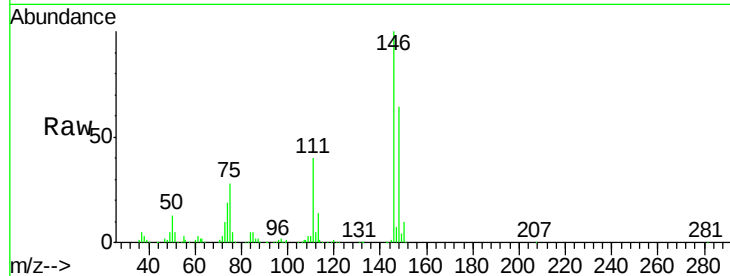
#91
 1,2-Dichlorobenzene
 Concen: 54.443 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	65.0	31.5	94.5

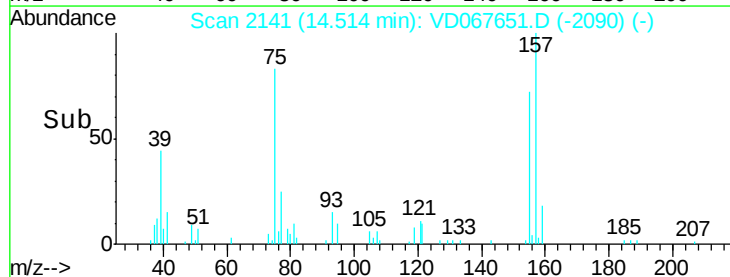
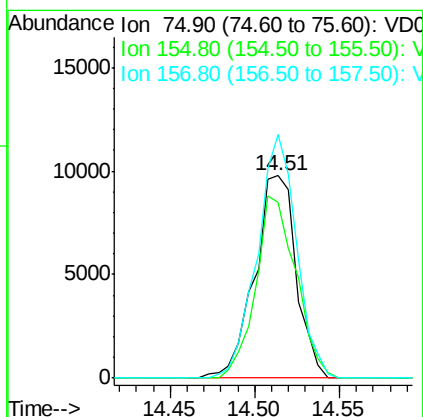
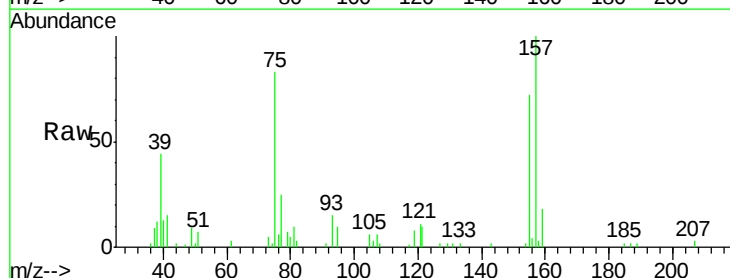
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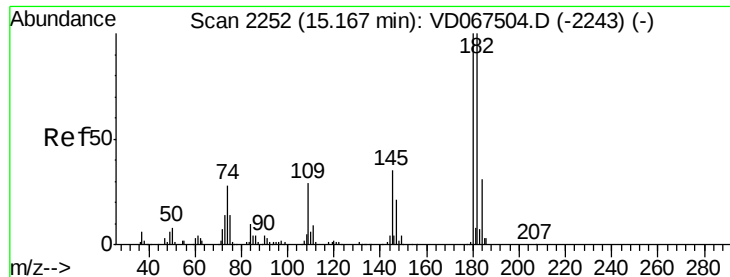
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.976 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	46.6	139.8
157	113.8	58.1	174.2





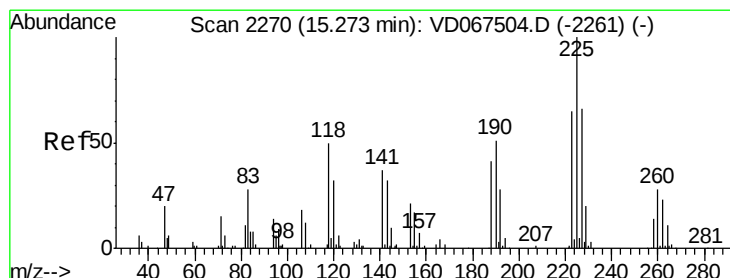
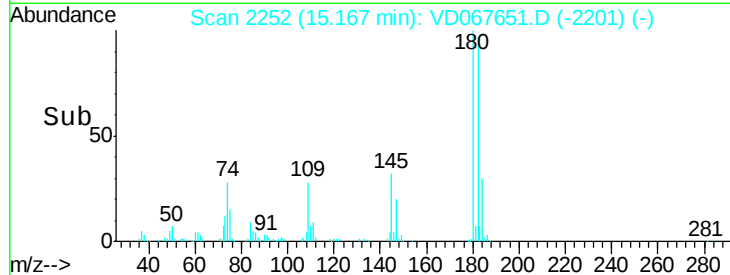
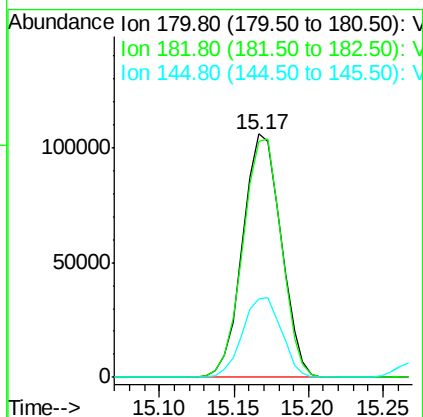
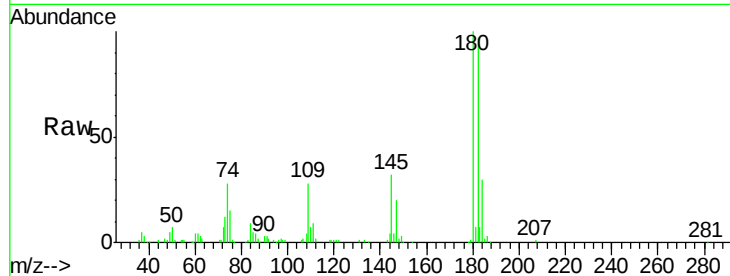
#93
 1,2,4-Trichlorobenzene
 Concen: 55.883 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189165		
182	97.7	47.4	142.3	
145	33.5	16.2	48.6	

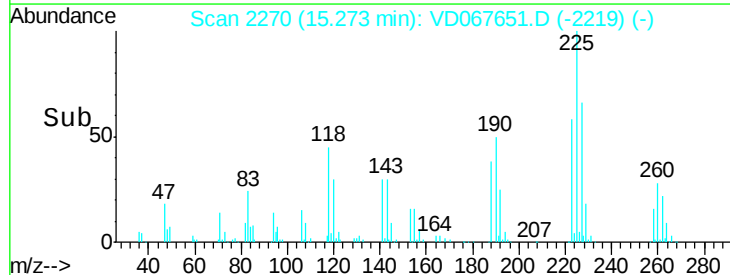
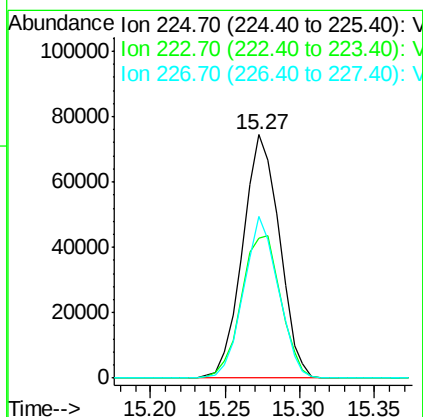
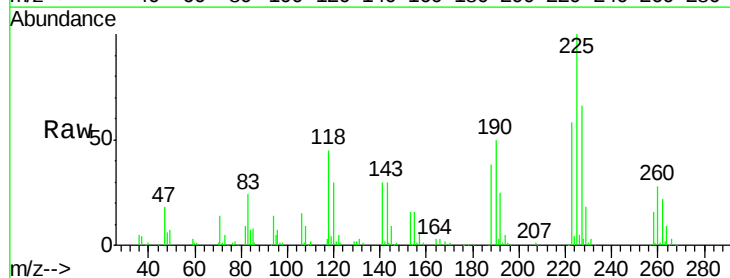
Manual Integrations
 APPROVED

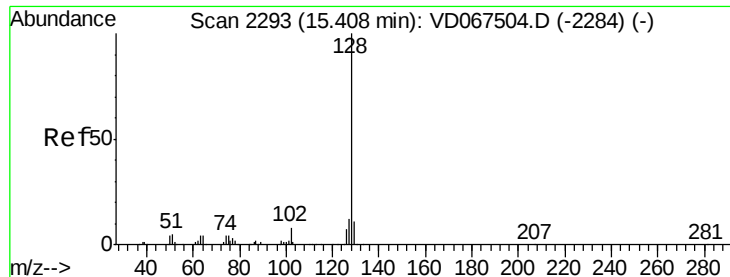
MMDadoda
 11/18/2020 10:50:14 AM



#94
 Hexachlorobutadiene
 Concen: 56.179 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067651.D
 Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127274		
223	62.7	31.9	95.5	
227	62.2	32.5	97.4	





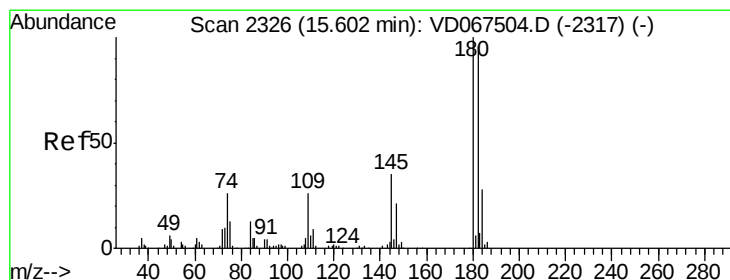
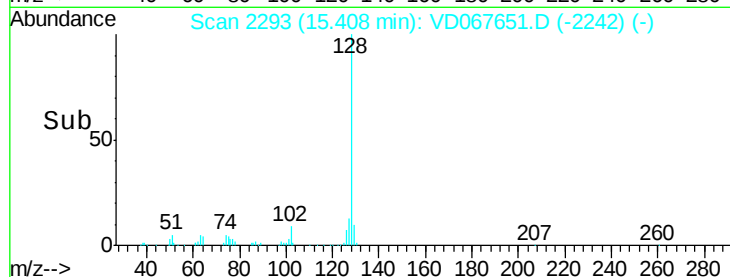
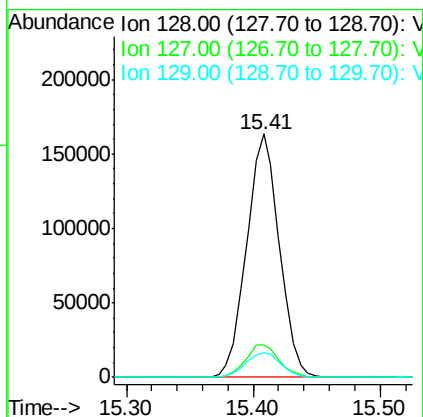
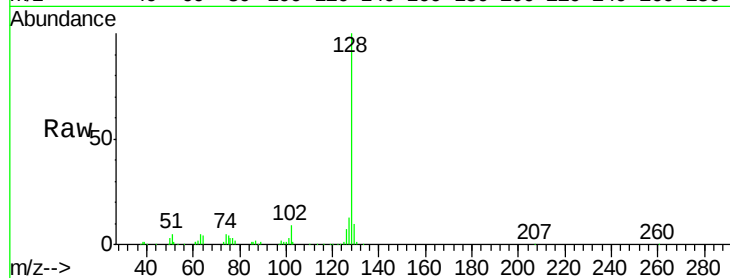
#95
Naphthalene
Concen: 55.963 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/18/2020 10:50:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.293 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067651.D
Acq: 17 Nov 2020 09:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	46.9	140.8
145	34.4	17.1	51.2

