

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067183.D
 Acq On : 08 Oct 2020 09:56
 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
 10/9/2020 4:22:25 PM

Quant Time: Oct 08 16:26:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	369014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	540348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	498701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	170218	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	7.91	113	176645	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.34	98	654353	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.64	95	229136	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	165867	56.477	ug/l	96
3) Chloromethane	2.21	50	116654	39.695	ug/l	98
4) Vinyl Chloride	2.35	62	124429	42.227	ug/l	100
5) Bromomethane	2.77	94	94325	49.629	ug/l	91
6) Chloroethane	2.92	64	80510	44.864	ug/l	89
7) Trichlorofluoromethane	3.27	101	311222	47.538	ug/l	97
8) Diethyl Ether	3.71	74	75969	46.794	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	175892	47.534	ug/l	100
10) Methyl Iodide	4.30	142	159198	44.277	ug/l	96
11) Tert butyl alcohol	5.23	59	46334	215.782	ug/l	95
12) 1,1-Dichloroethene	4.07	96	156430	44.969	ug/l	97
13) Acrolein	3.91	56	56129	235.839	ug/l	98
14) Allyl chloride	4.71	41	183898	40.694	ug/l	90
15) Acrylonitrile	5.41	53	129736	217.128	ug/l	98
16) Acetone	4.16	43	147981	272.741	ug/l	99
17) Carbon Disulfide	4.40	76	457615	42.866	ug/l	100
18) Methyl Acetate	4.71	43	59720	43.794	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	307837	48.476	ug/l	97
20) Methylene Chloride	4.96	84	182379	46.920	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	182244	46.035	ug/l	94
22) Diisopropyl ether	6.36	45	353274	42.821	ug/l	99
23) Vinyl Acetate	6.30	43	1047294	224.019	ug/l	100
24) 1,1-Dichloroethane	6.27	63	284262	44.646	ug/l	99
25) 2-Butanone	7.21	43	159027	206.733	ug/l	94
26) 2,2-Dichloropropane	7.21	77	280697	51.697	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	198723	47.002	ug/l	97
28) Bromochloromethane	7.55	49	108072	43.952	ug/l	85
29) Tetrahydrofuran	7.56	42	91454	206.766	ug/l	90
30) Chloroform	7.71	83	330467	47.846	ug/l	98
31) Cyclohexane	7.98	56	220844	41.373	ug/l	89
32) 1,1,1-Trichloroethane	7.90	97	315976	49.363	ug/l	98
36) 1,1-Dichloropropene	8.11	75	241560	47.961	ug/l	97
37) Ethyl Acetate	7.29	43	77161	44.223	ug/l #	93
38) Carbon Tetrachloride	8.10	117	302670	55.540	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	264204	49.616	ug/l	95
40) Benzene	8.35	78	673621	48.152	ug/l	97
41) Methacrylonitrile	7.53	41	44268	46.962	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	197852	50.613	ug/l	97
43) Isopropyl Acetate	8.45	43	146670	45.630	ug/l	96
44) Trichloroethene	9.11	130	211883	50.721	ug/l	100
45) 1,2-Dichloropropane	9.38	63	155566	47.327	ug/l	94
46) Dibromomethane	9.47	93	94068	49.792	ug/l	96
47) Bromodichloromethane	9.66	83	255907	52.110	ug/l	99
48) Methyl methacrylate	9.46	41	69678	42.312	ug/l #	78
49) 1,4-Dioxane	9.46	88	19429	985.376	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	372418	232.607	ug/l	99
52) Toluene	10.40	92	462885	51.365	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	226700	51.651	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	265868	49.607	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	129392	49.263	ug/l	97
56) Ethyl methacrylate	10.66	69	146245	53.930	ug/l	96
57) 1,3-Dichloropropane	10.94	76	210251	49.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	384872	254.995	ug/l	96
59) 2-Hexanone	10.98	43	271106	253.698	ug/l	95
60) Dibromochloromethane	11.14	129	181807	51.933	ug/l	95
61) 1,2-Dibromoethane	11.24	107	129063	51.146	ug/l	98
64) Tetrachloroethene	10.87	164	183923	50.730	ug/l	94
65) Chlorobenzene	11.67	112	497386	50.147	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	196986	52.211	ug/l	98
67) Ethyl Benzene	11.74	91	878055	51.667	ug/l	100
68) m/p-Xylenes	11.86	106	675497	101.993	ug/l	98
69) o-Xylene	12.18	106	303077	51.173	ug/l	92
70) Styrene	12.20	104	538346	52.935	ug/l	99
71) Bromoform	12.36	173	101606	51.881	ug/l #	98
73) Isopropylbenzene	12.48	105	875041	52.595	ug/l	100
74) N-amyl acetate	12.29	43	132657	44.354	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	128991	46.016	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	93134m	43.638	ug/l	
77) Bromobenzene	12.77	156	209636	52.183	ug/l	94
78) n-propylbenzene	12.83	91	1001093	50.914	ug/l	98
79) 2-Chlorotoluene	12.91	91	564948	50.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	745155	53.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	40800	47.661	ug/l	98
82) 4-Chlorotoluene	13.01	91	607838	50.783	ug/l	99
83) tert-Butylbenzene	13.23	119	643995	54.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	740774	52.807	ug/l	98
85) sec-Butylbenzene	13.41	105	877295	52.628	ug/l	99
86) p-Isopropyltoluene	13.52	119	806560	52.189	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	387432	49.512	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	389720	49.809	ug/l	99
89) n-Butylbenzene	13.85	91	733171	51.909	ug/l	99
90) Hexachloroethane	14.12	117	138572	51.188	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	339823	49.726	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22048	48.793	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	244551	55.323	ug/l	99
94) Hexachlorobutadiene	15.28	225	148625	54.748	ug/l	99
95) Naphthalene	15.41	128	402023	54.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	206548	53.826	ug/l	95

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

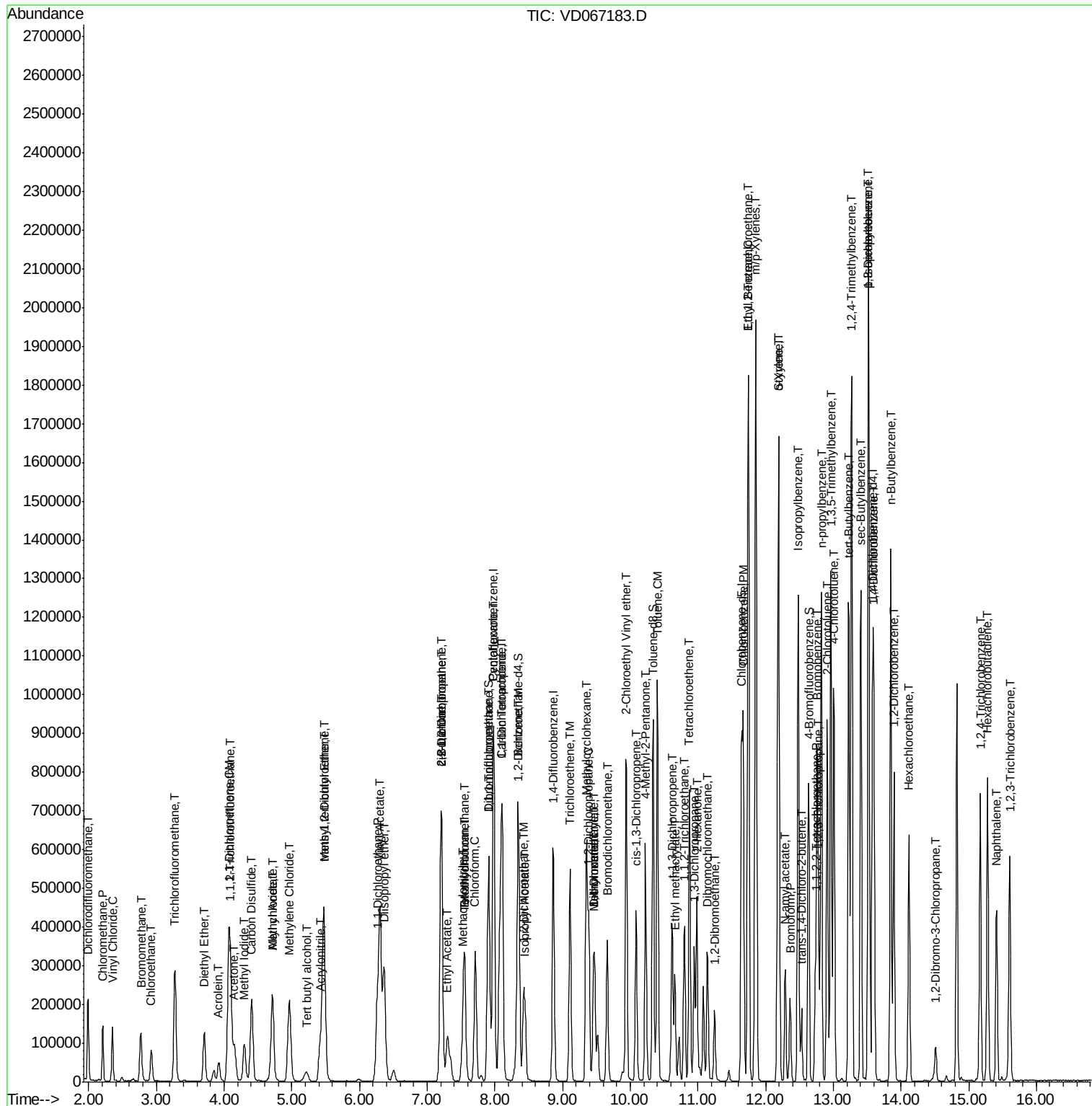
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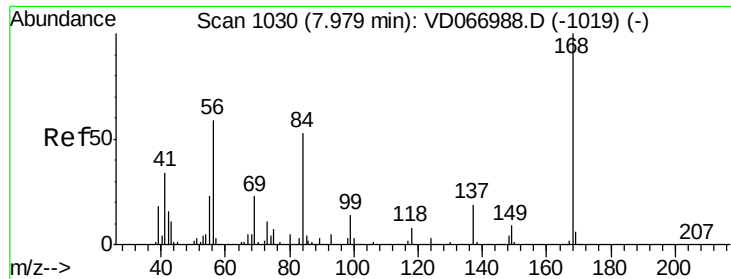
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 369014

Ion Ratio Lower Upper

168 100

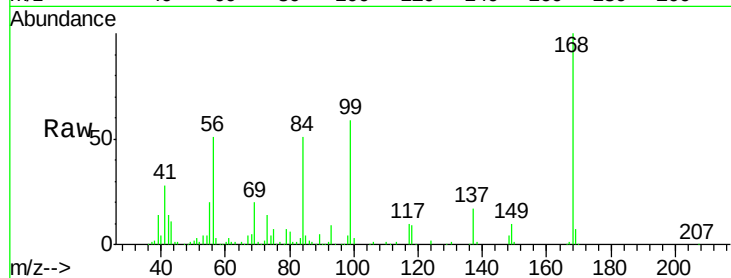
99 58.3 44.1 66.1

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

150000

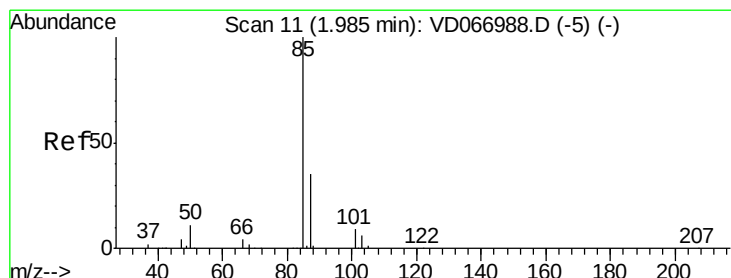
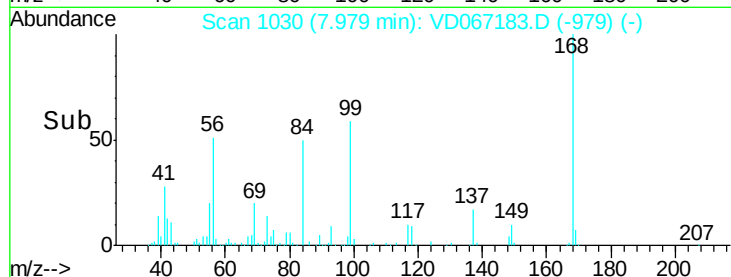
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 56.477 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067183.D

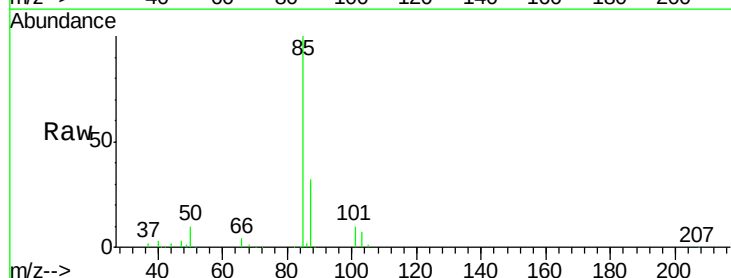
Acq: 08 Oct 2020 09:56

Tgt Ion: 85 Resp: 165867

Ion Ratio Lower Upper

85 100

87 32.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

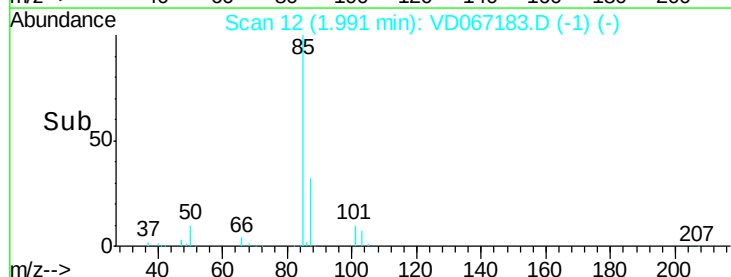
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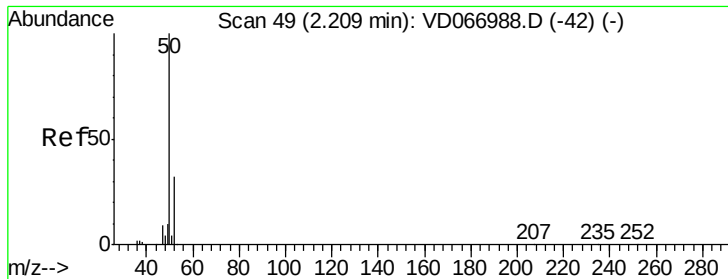
50000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 39.695 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 116654

Ion Ratio Lower Upper

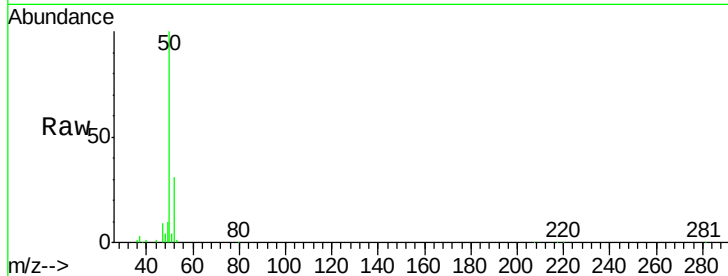
50 100

52 30.5 25.3 37.9

Manual Integrations
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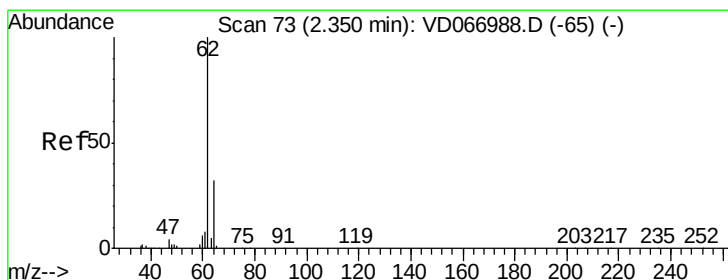
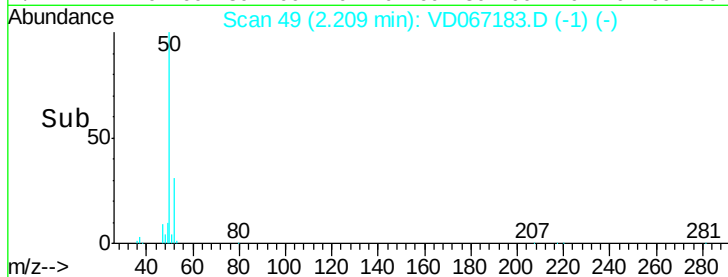
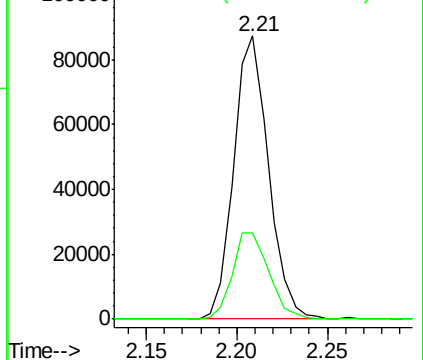
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.227 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067183.D

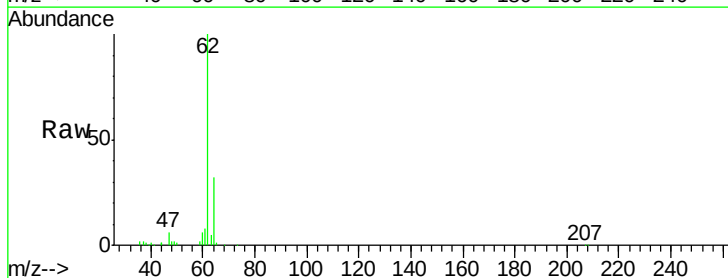
Acq: 08 Oct 2020 09:56

Tgt Ion: 62 Resp: 124429

Ion Ratio Lower Upper

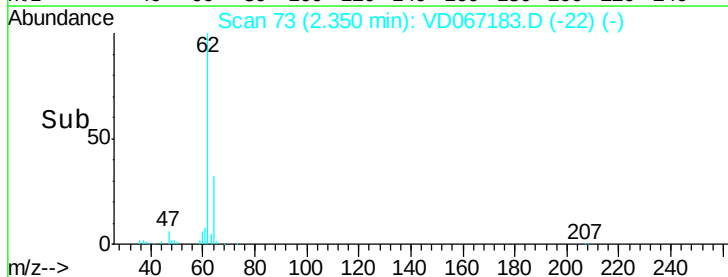
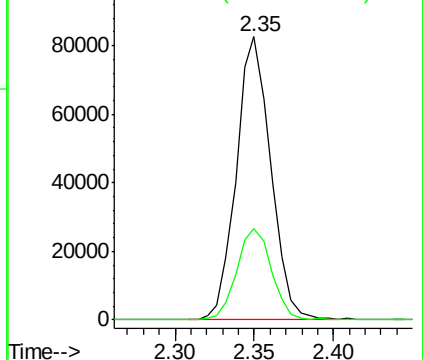
62 100

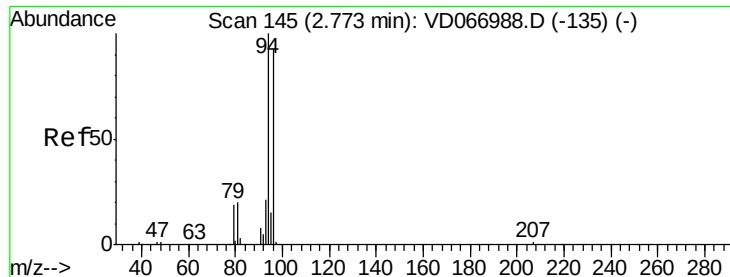
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.629 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 94325

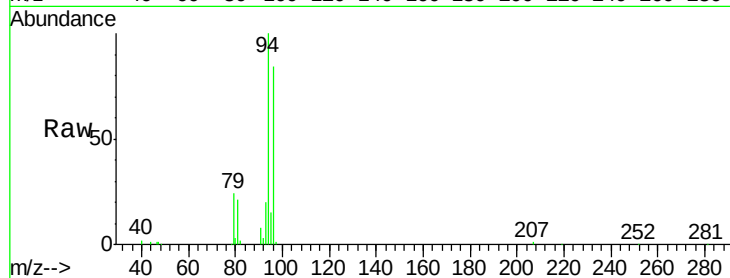
Ion Ratio Lower Upper

94 100

96 84.2 74.6 112.0

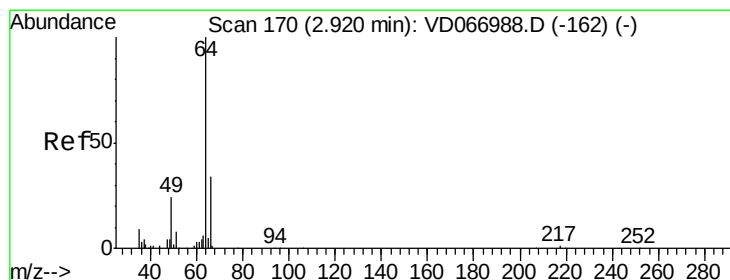
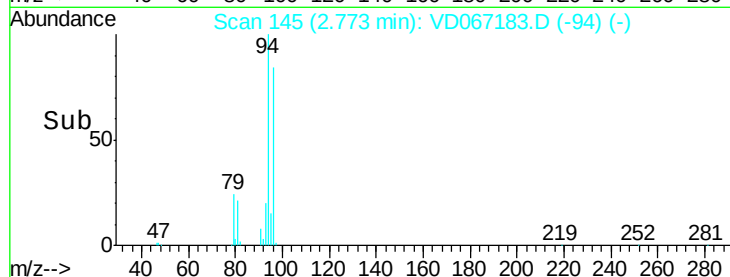
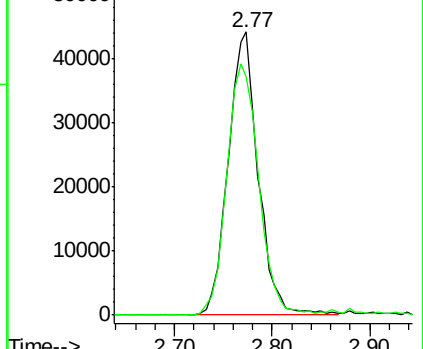
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.864 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067183.D

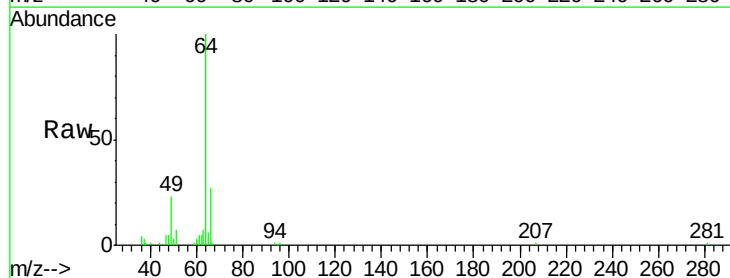
Acq: 08 Oct 2020 09:56

Tgt Ion: 64 Resp: 80510

Ion Ratio Lower Upper

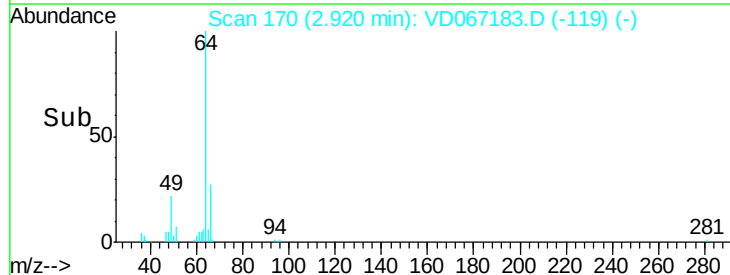
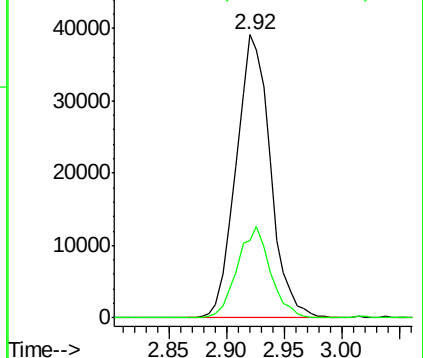
64 100

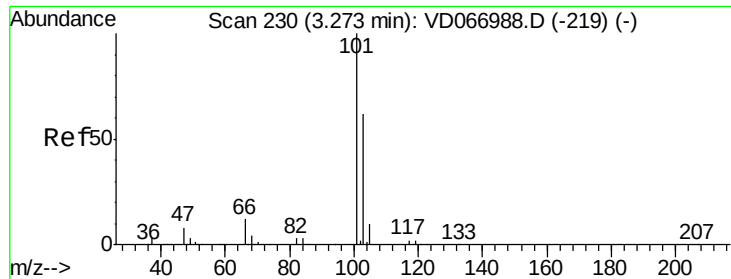
66 27.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

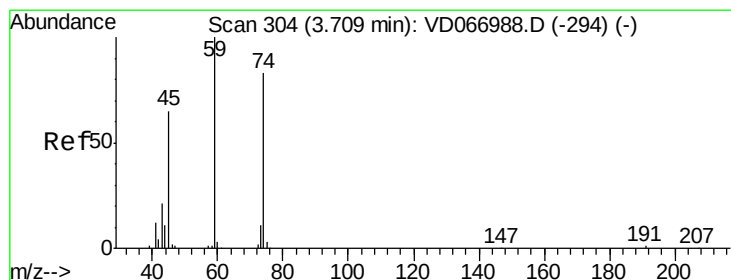
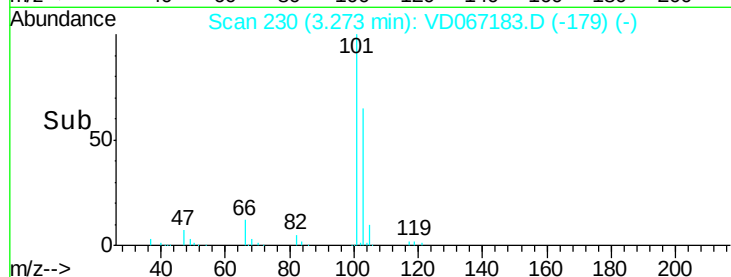
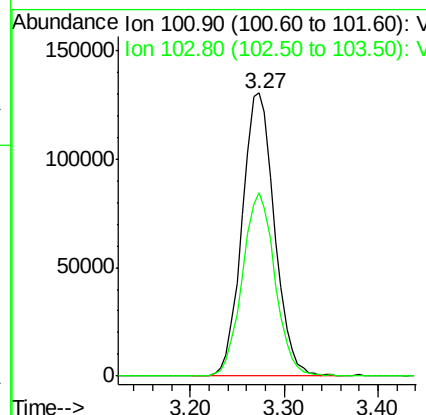
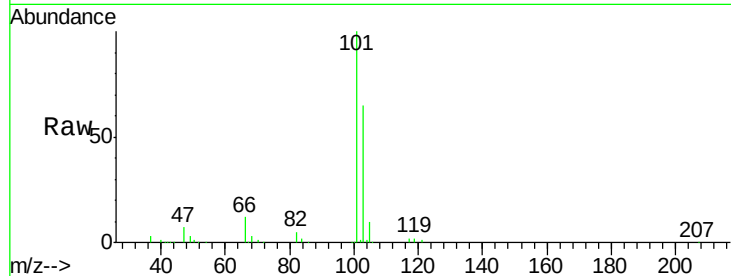
Trichlorofluoromethane
Concen: 47.538 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.8	74.8

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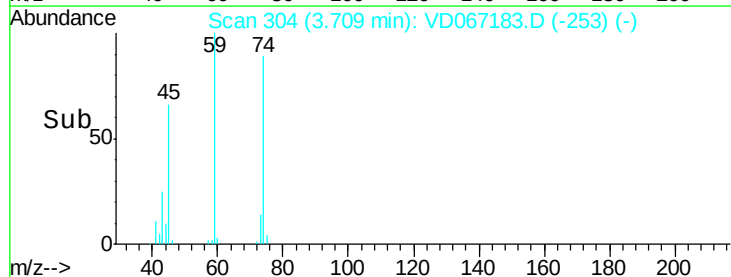
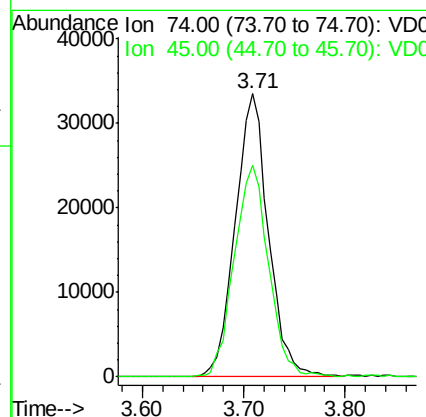
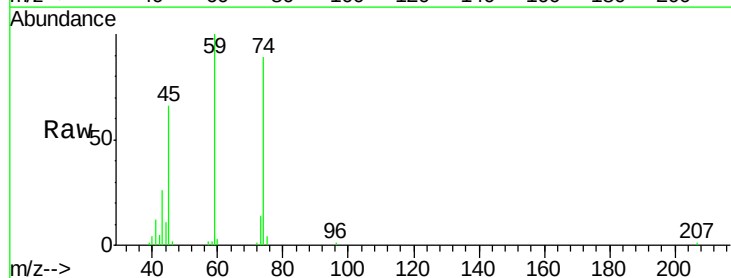
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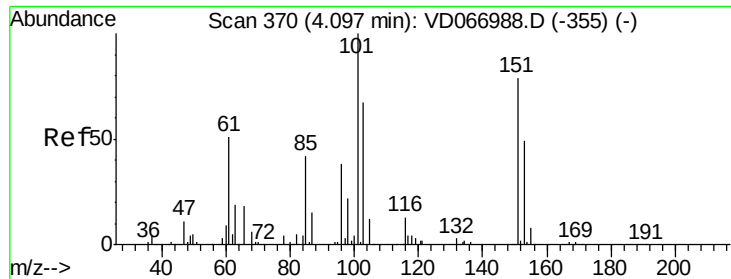


#8

Diethyl Ether
Concen: 46.794 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067183.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.5	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.534 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

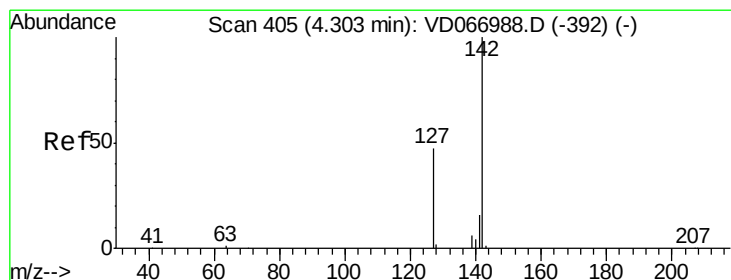
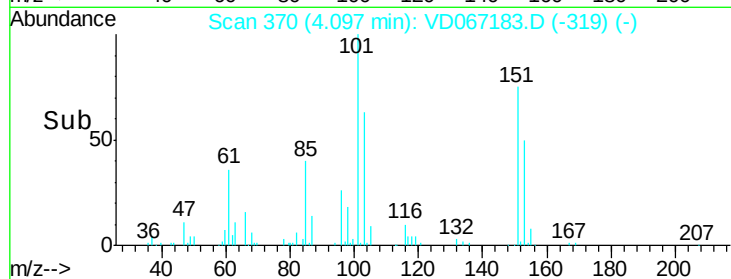
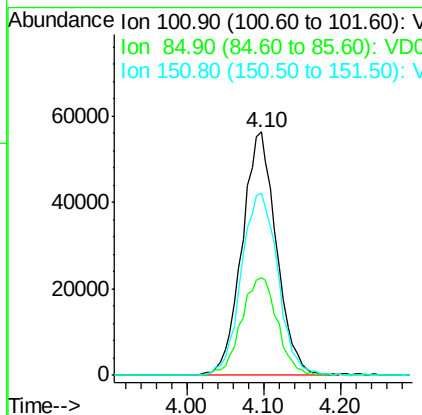
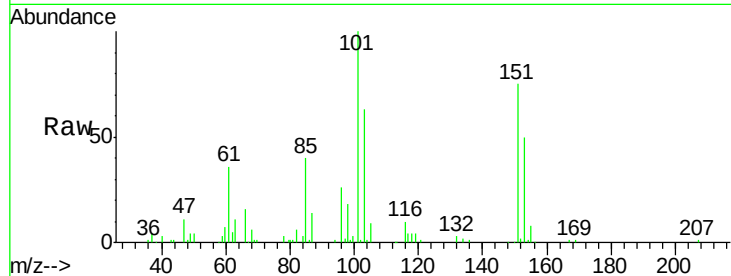
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	175892
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.8
151	79.4	63.8	95.8

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#10

Methyl Iodide

Concen: 44.277 ug/l

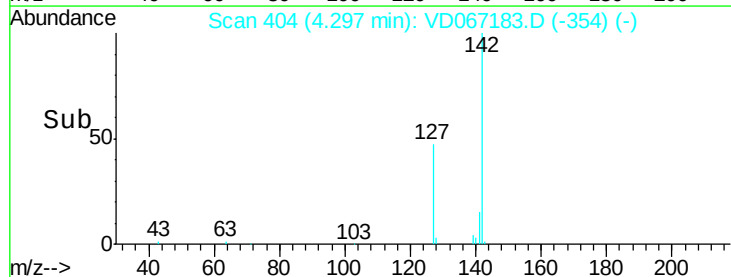
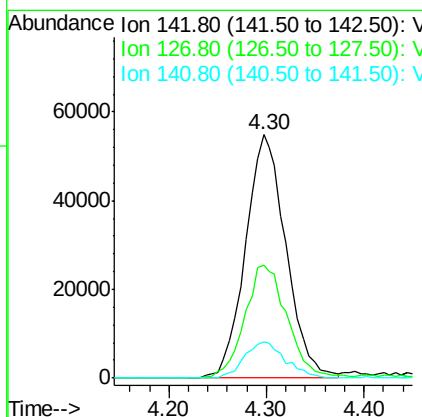
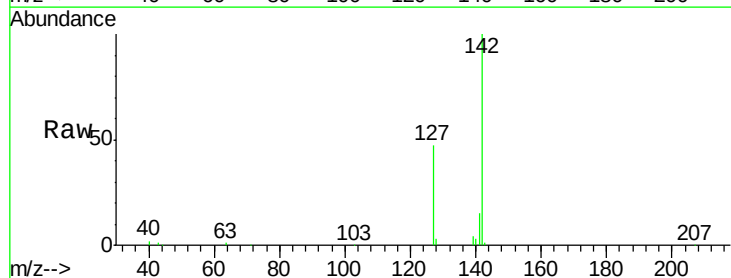
RT: 4.30 min Scan# 404

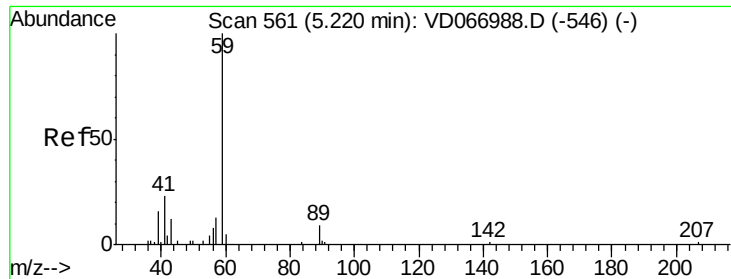
Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	142	Resp:	159198
Ion Ratio	Lower	Upper	
142	100		
127	48.7	36.3	54.5
141	15.3	12.0	18.0





#11

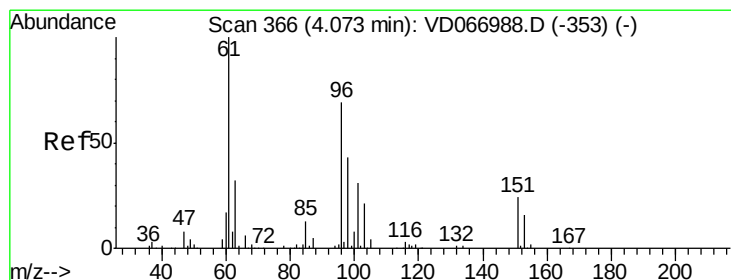
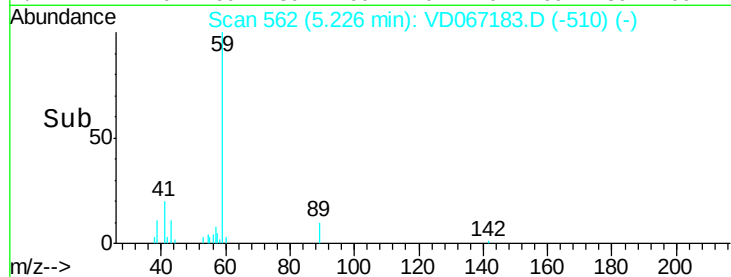
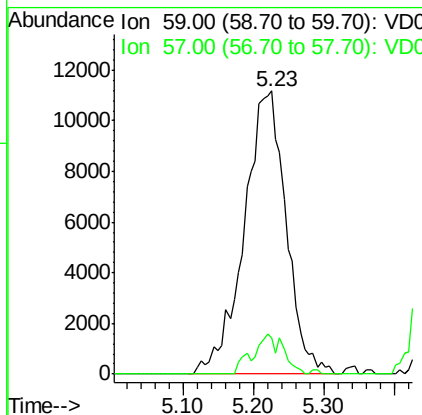
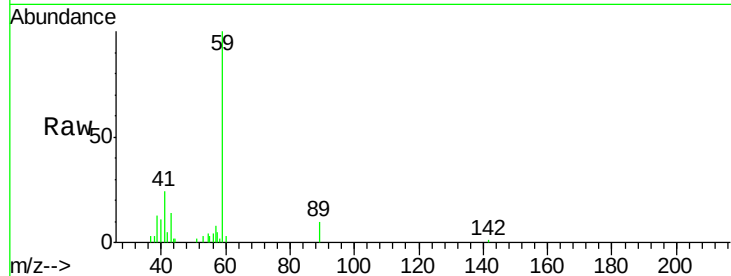
Tert butyl alcohol
 Concen: 215.782 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	46334
Ion Ratio	100	Lower	Upper
57	8.3	8.2	12.4

Manual Integrations
 APPROVED

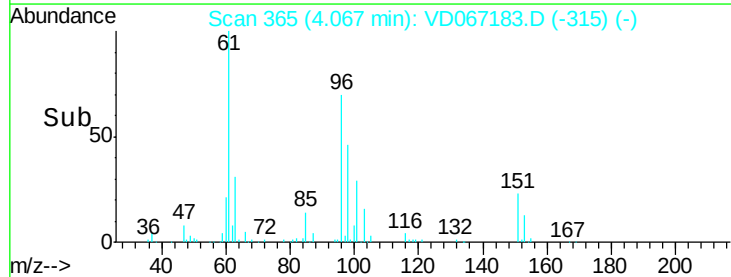
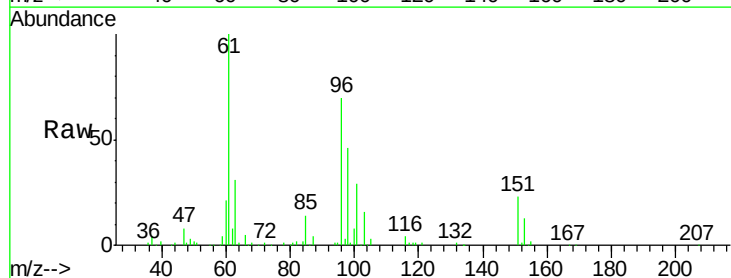
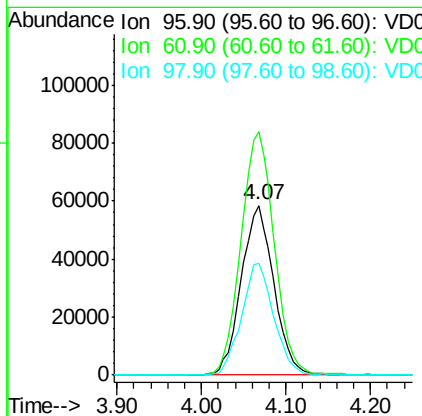
MMDadoda
 10/9/2020 4:22:25 PM

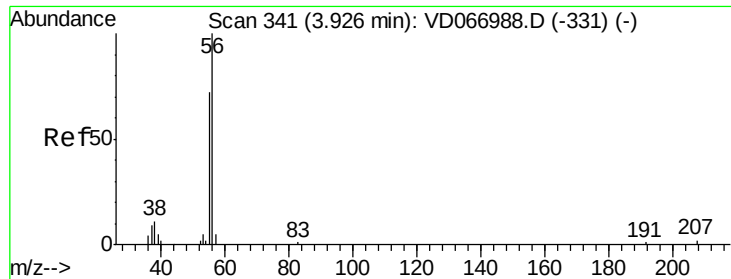


#12

1,1-Dichloroethene
 Concen: 44.969 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	96	Resp	156430
Ion Ratio	100	Lower	Upper
61	143.4	116.4	174.6
98	65.8	49.9	74.9





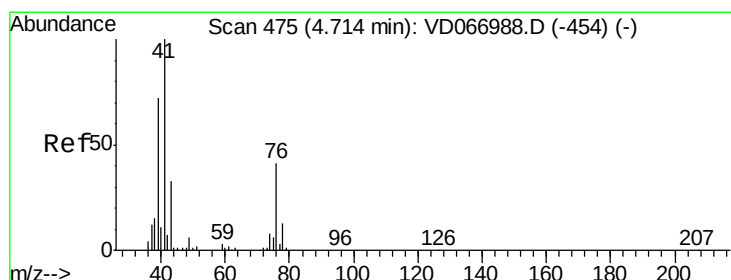
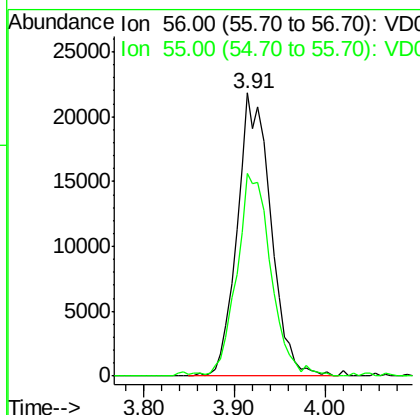
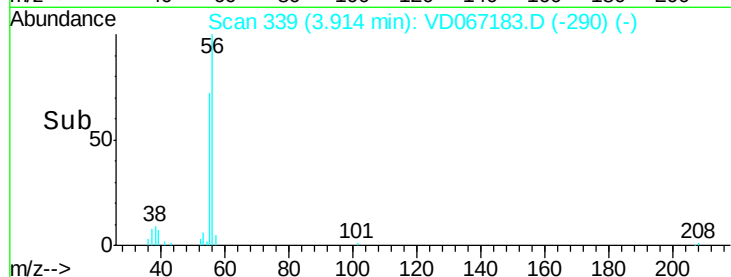
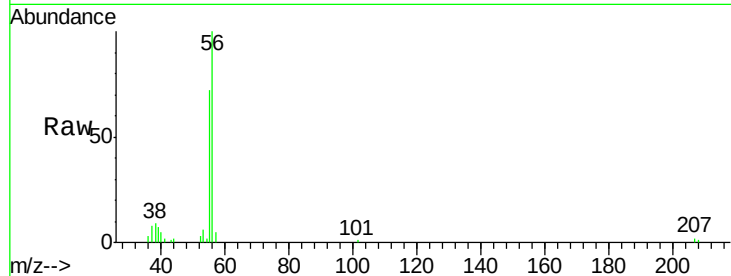
#13
 Acrolein
 Concen: 235.839 ug/l
 RT: 3.91 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.7	56.9	85.3

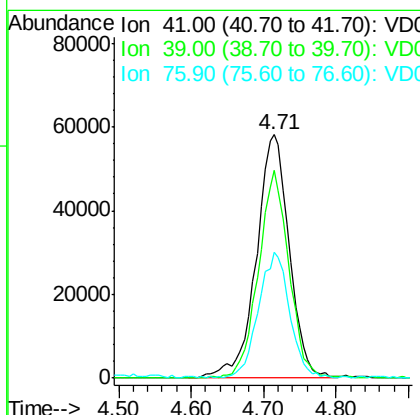
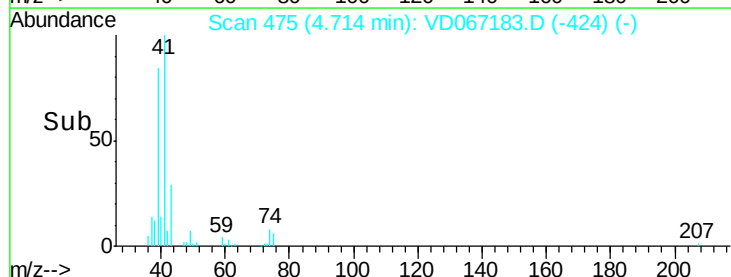
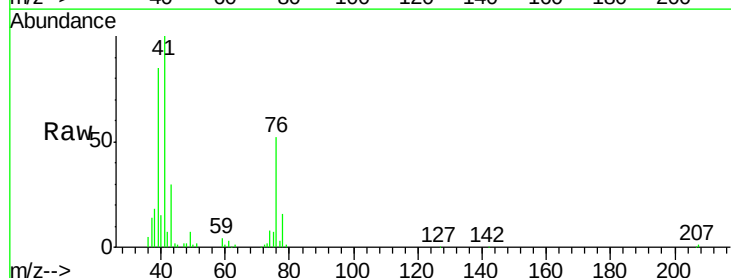
Manual Integrations
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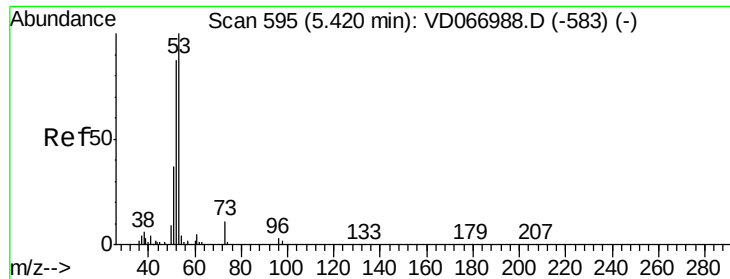
MMDadoda
 10/9/2020 4:22:25 PM



#14
 Allyl chloride
 Concen: 40.694 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.2	56.2	84.2
76	48.9	34.2	51.2





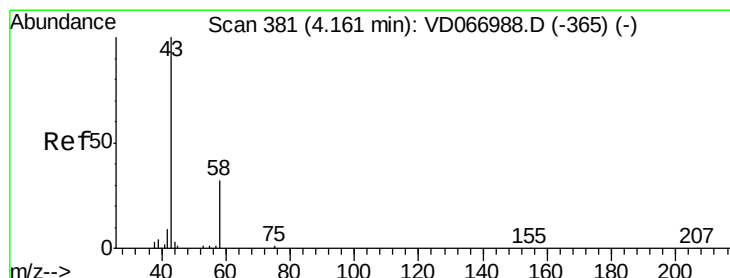
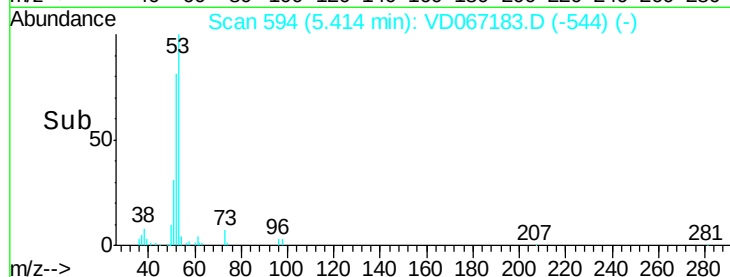
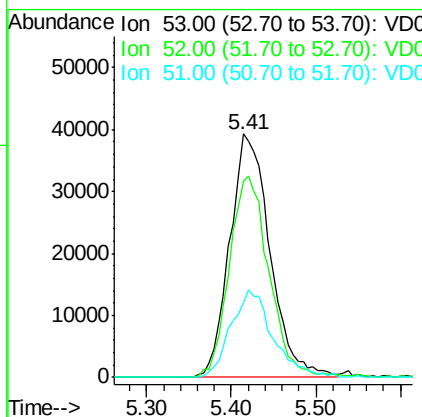
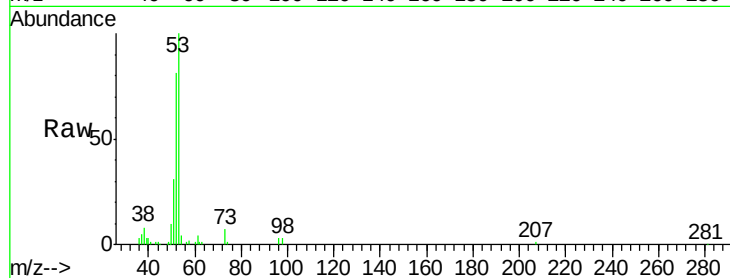
#15
 Acrylonitrile
 Concen: 217.128 ug/l
 RT: 5.41 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	129736
Ion	Ratio	Lower	Upper
53	100		
52	81.1	67.3	100.9
51	37.3	30.2	45.2

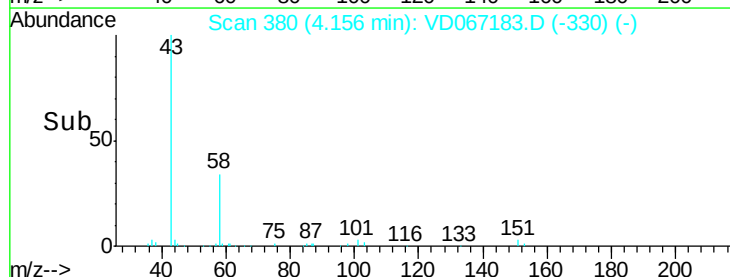
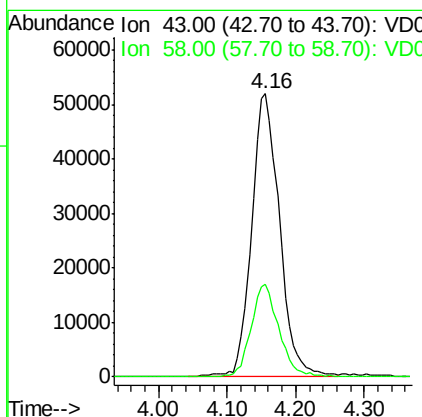
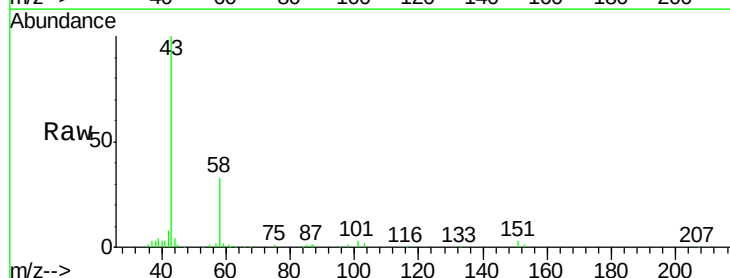
Manual Integrations
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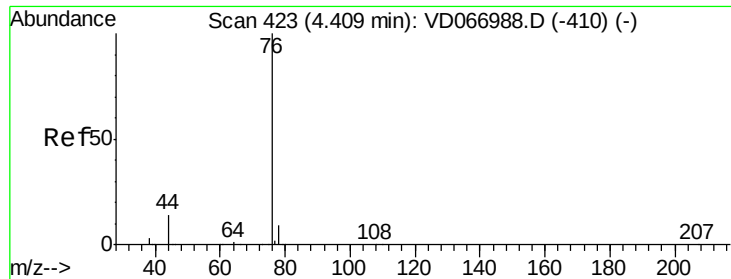
MMDadoda
 10/9/2020 4:22:25 PM



#16
 Acetone
 Concen: 272.741 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion:	43	Resp:	147981
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.9	38.9





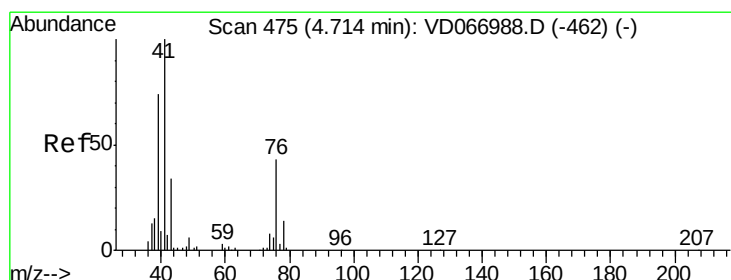
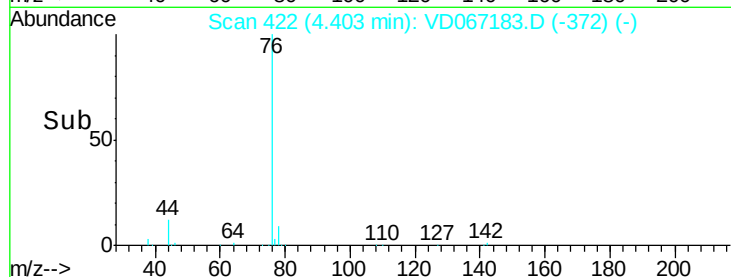
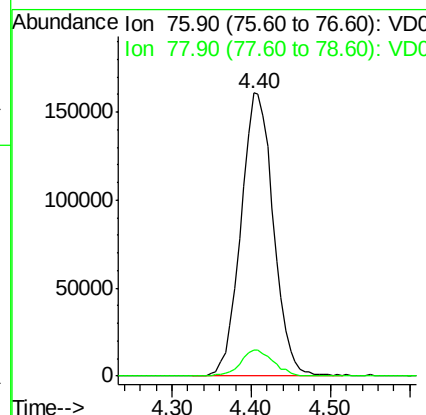
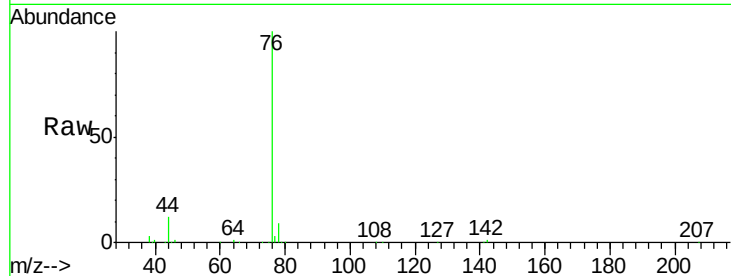
#17
Carbon Disulfide
Concen: 42.866 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

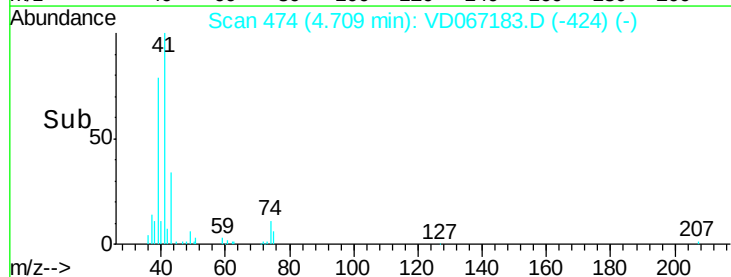
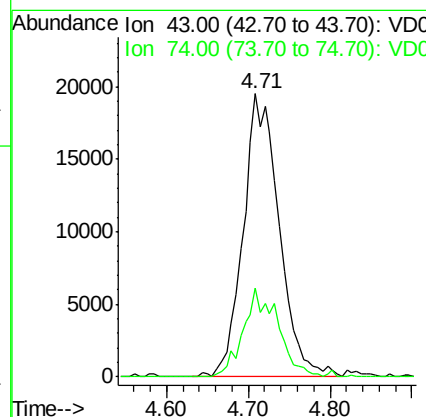
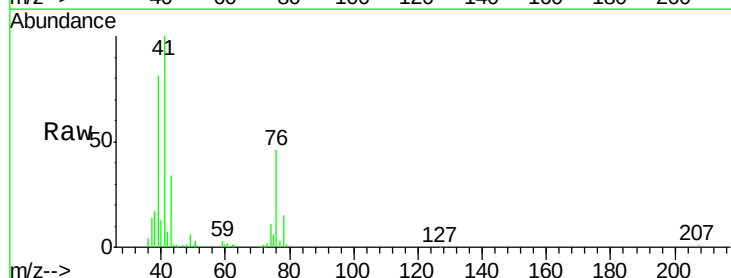
Manual Integrations
APPROVED

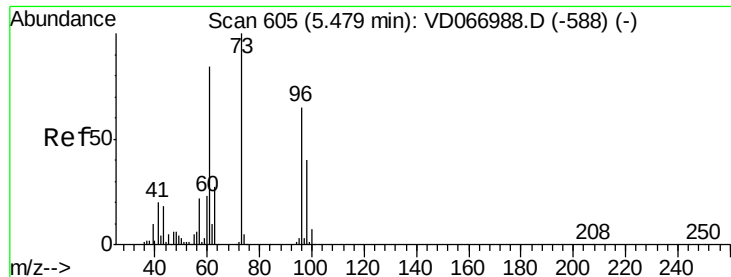
MMDadoda
10/9/2020 4:22:25 PM



#18
Methyl Acetate
Concen: 43.794 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.9	21.5	32.3





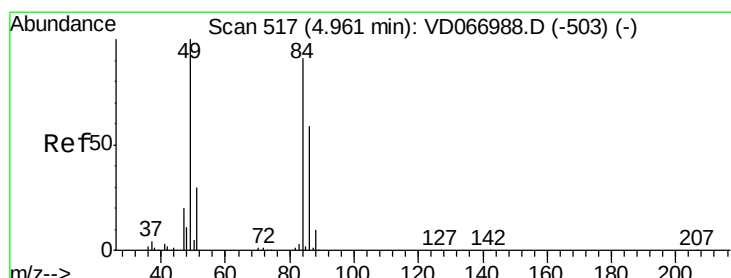
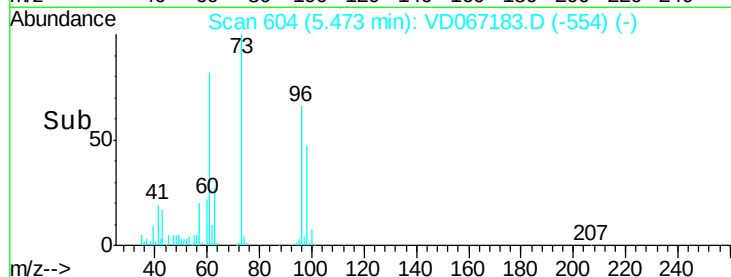
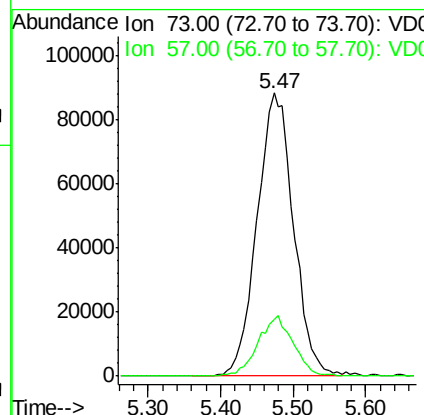
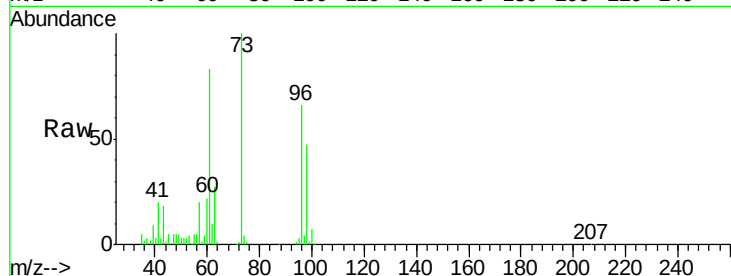
#19
Methyl tert-butyl Ether
Concen: 48.476 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 307837
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0

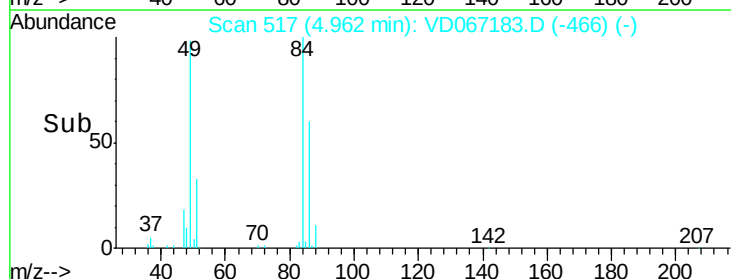
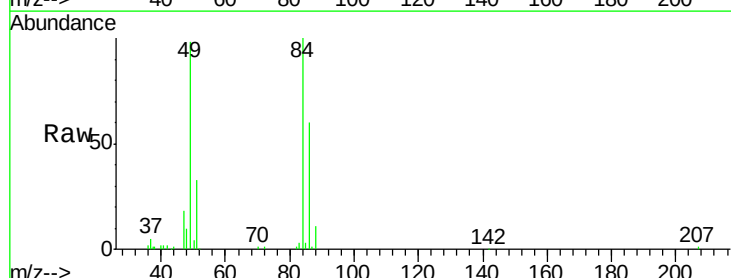
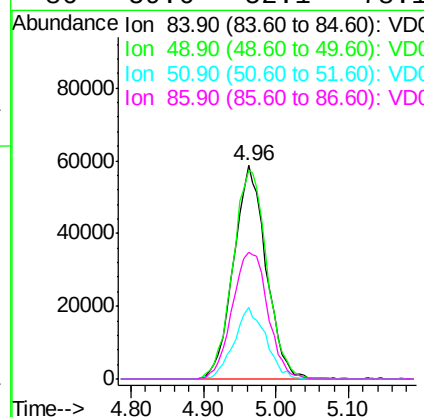
Manual Integrations
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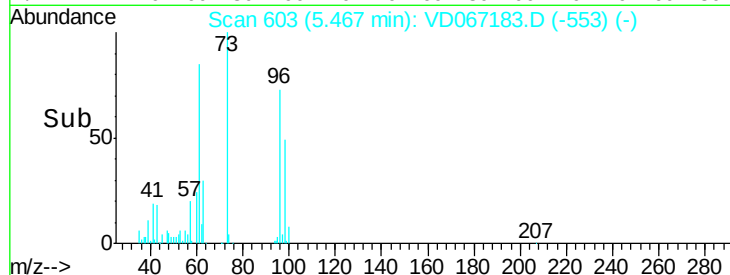
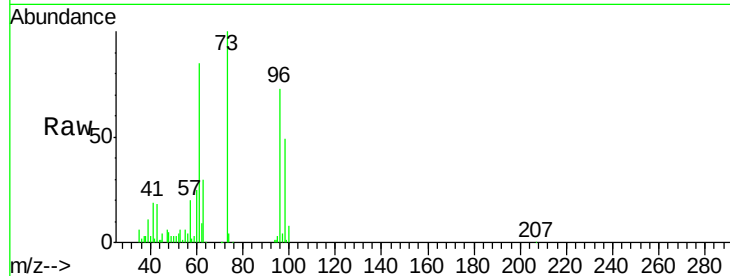
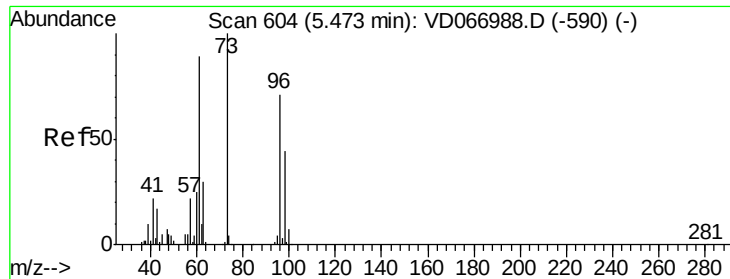
MMDadoda
10/9/2020 4:22:25 PM



#20
Methylene Chloride
Concen: 46.920 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 84 Resp: 182379
Ion Ratio Lower Upper
84 100
49 97.8 88.2 132.2
51 33.3 26.6 39.8
86 59.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 46.035 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tot Ion:	96	Resp:	182244
Ion	Ratio	Lower	Upper
96	100		
61	117.1	99.6	149.4
98	66.5	49.4	74.2

Instrument :

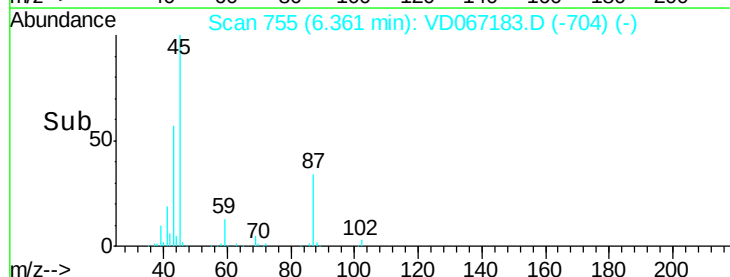
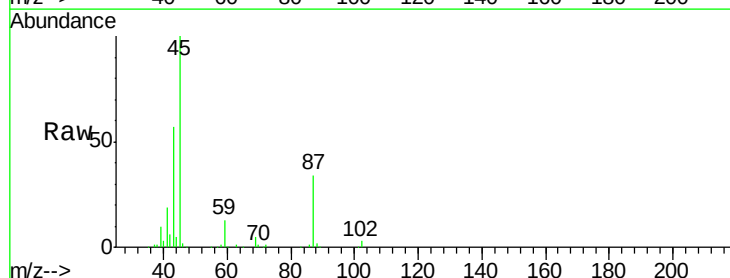
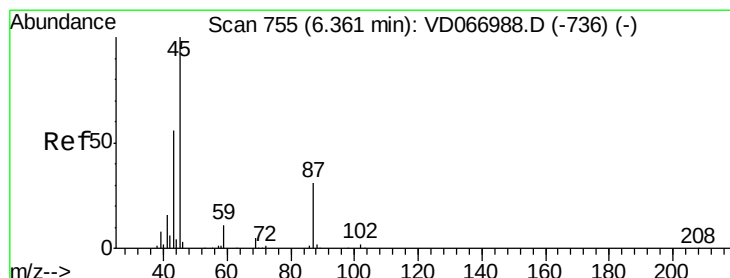
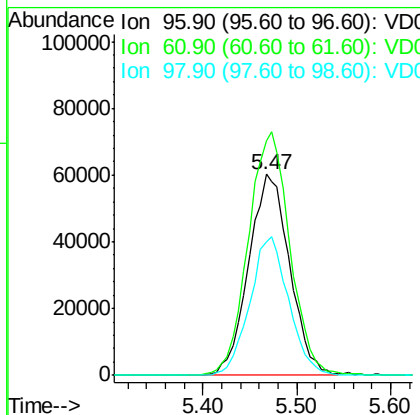
MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations
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MMDadoda
10/9/2020 4:22:25 PM



#22

Diisopropyl ether

Concen: 42.821 ug/l

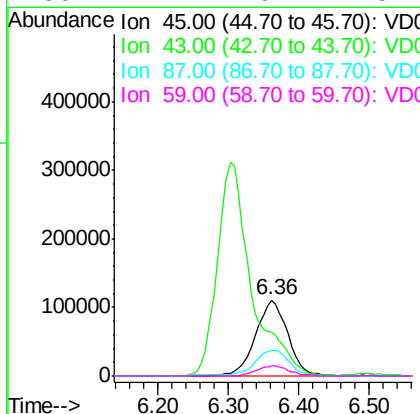
RT: 6.36 min Scan# 755

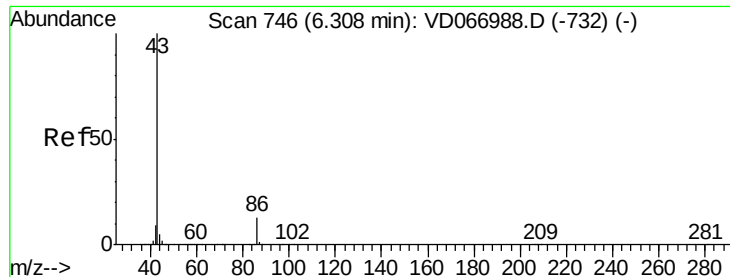
Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	45	Resp:	353274
Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.2	67.8
87	33.3	25.6	38.4
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 224.019 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1047294

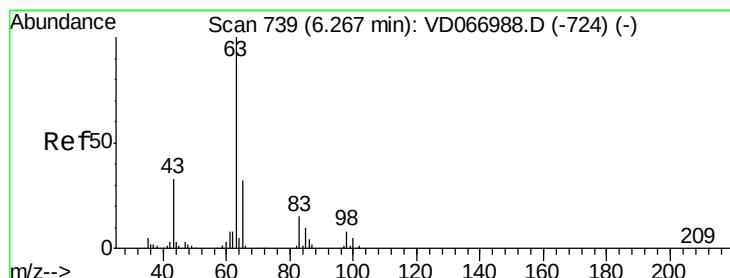
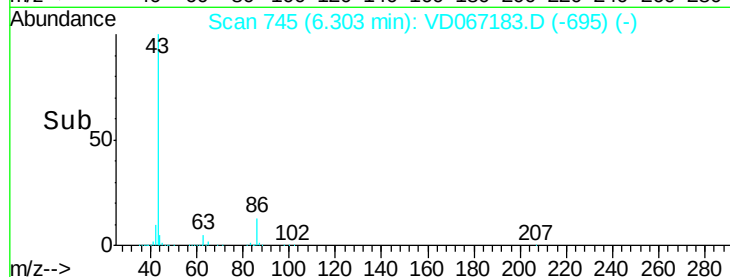
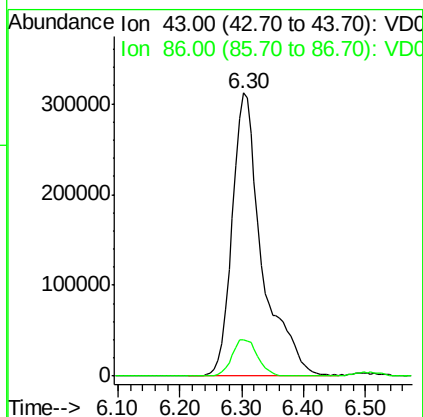
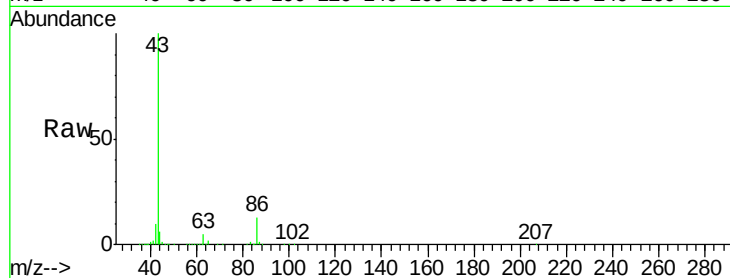
Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2

Manual Integrations
APPROVED

MMDadoda
10/9/2020 4:22:25 PM



#24

1,1-Dichloroethane

Concen: 44.646 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

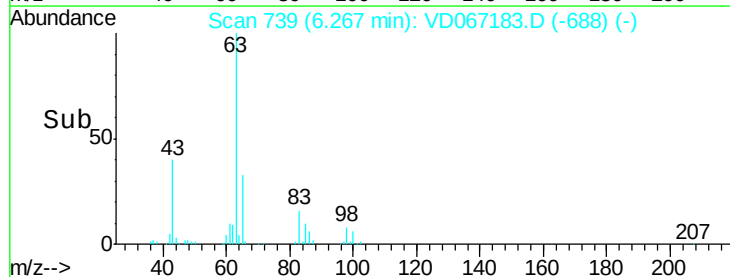
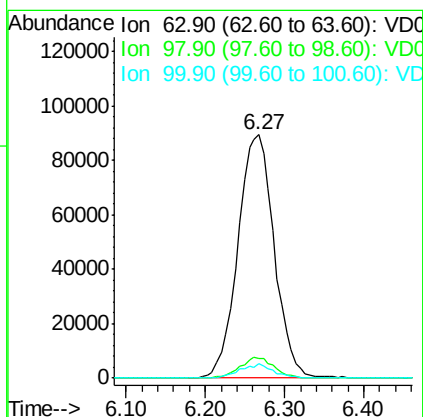
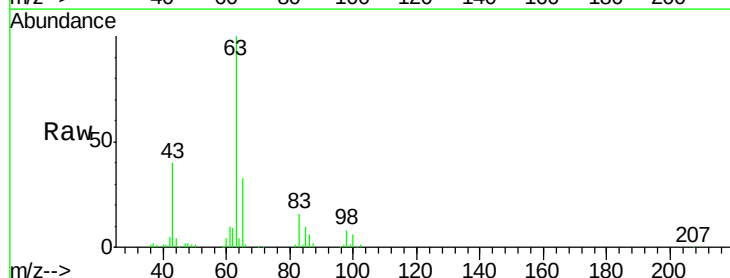
Tgt Ion: 63 Resp: 284262

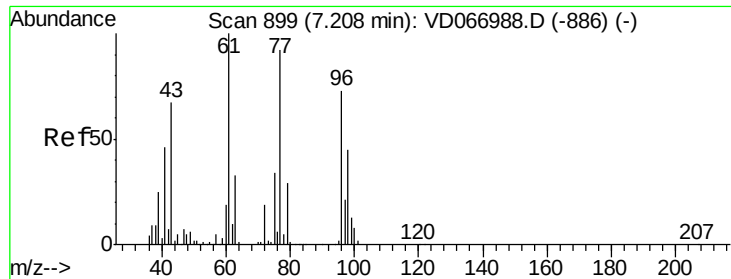
Ion Ratio Lower Upper

63 100

98 8.3 4.2 12.6

100 6.1 2.6 7.8





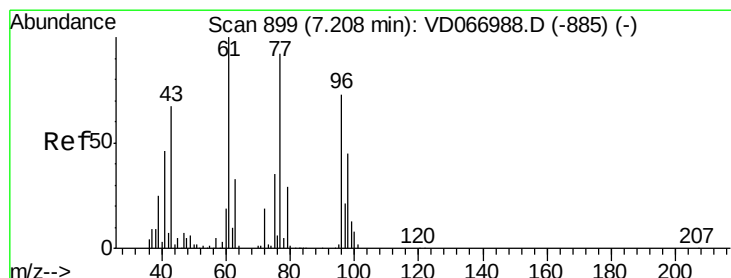
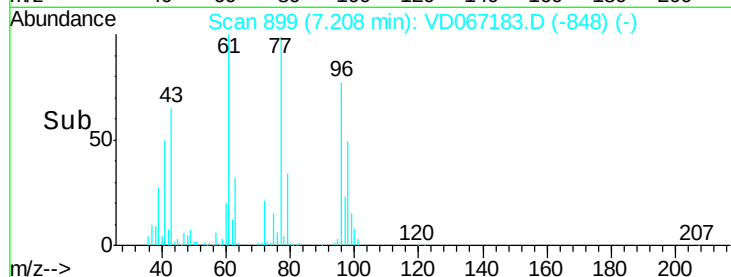
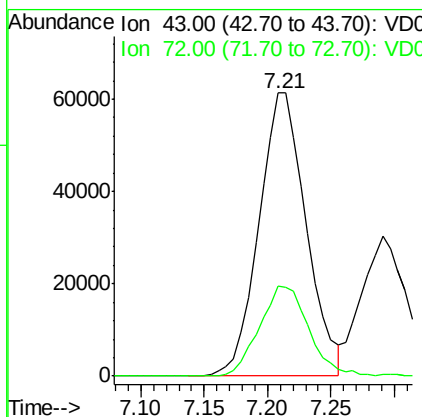
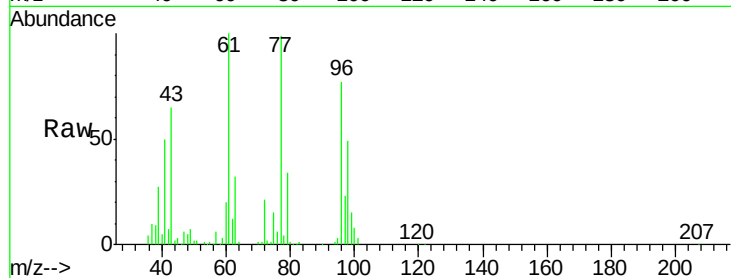
#25
2-Butanone
Concen: 206.733 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 159027
Ion Ratio Lower Upper
43 100
72 31.8 22.8 34.2

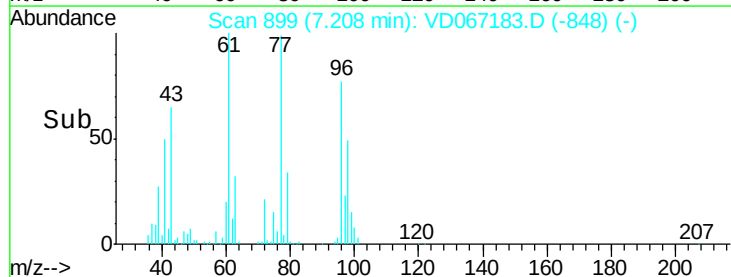
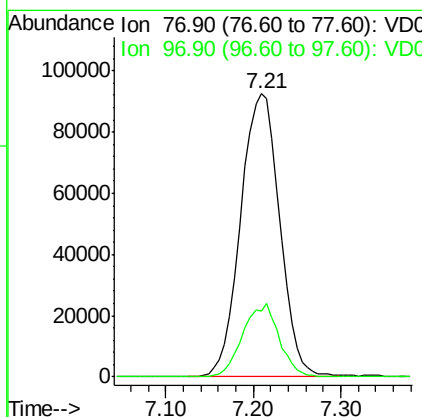
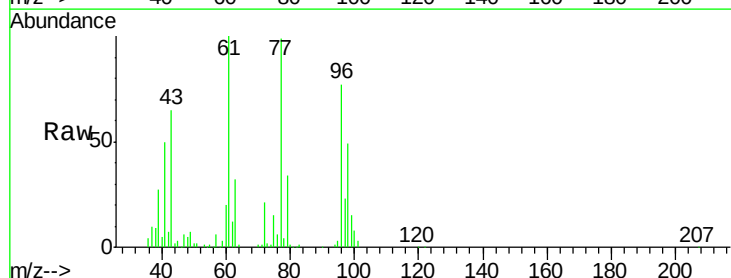
Manual Integrations
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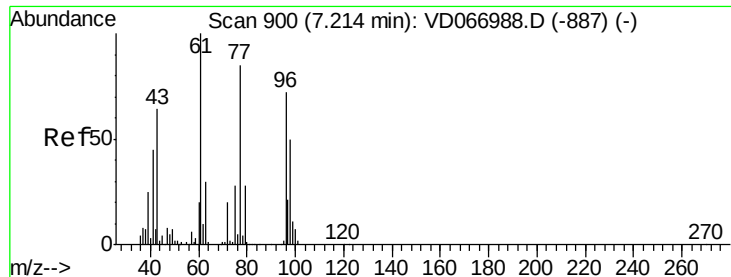
MMDadoda
10/9/2020 4:22:25 PM



#26
2,2-Dichloropropane
Concen: 51.697 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 77 Resp: 280697
Ion Ratio Lower Upper
77 100
97 24.1 11.4 34.2





#27

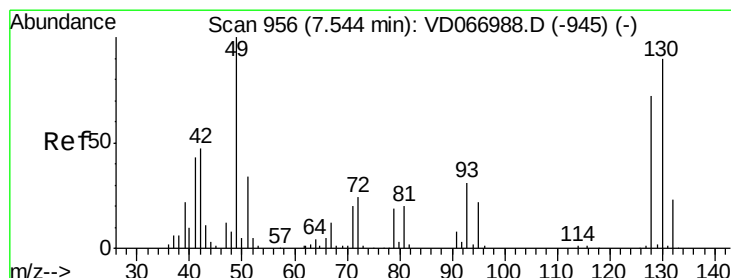
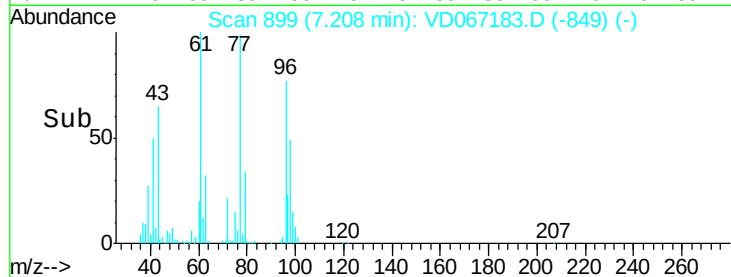
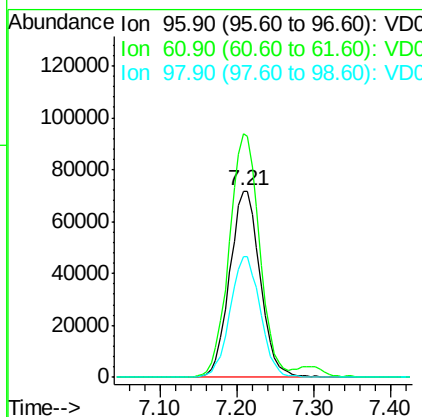
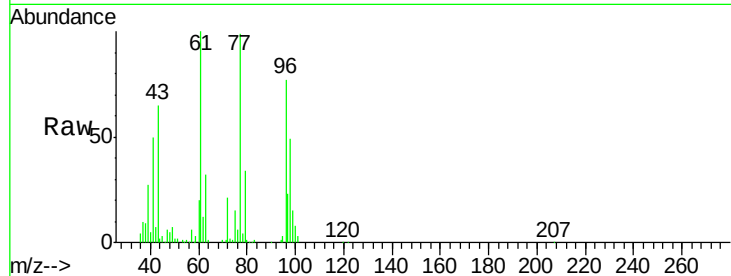
cis-1,2-Dichloroethene
Concen: 47.002 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	198723		
61	129.8	0.0	269.2	
98	64.4	0.0	129.4	

Manual Integrations
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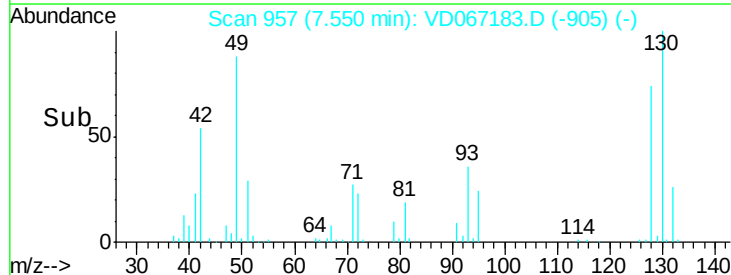
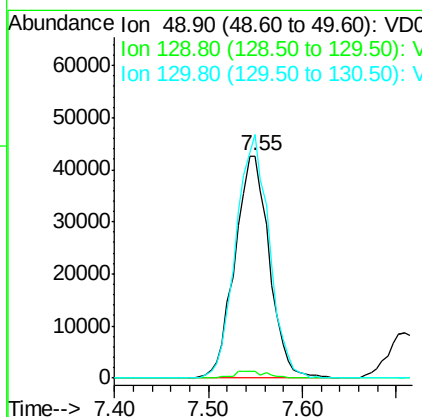
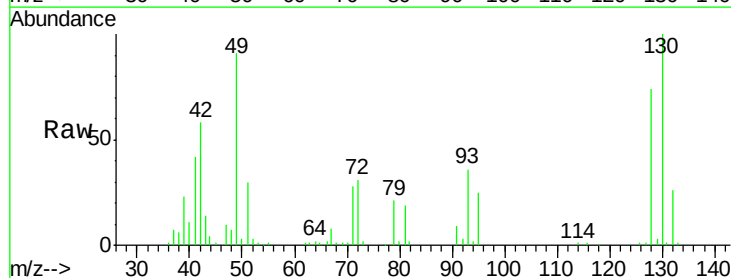
MMDadoda
10/9/2020 4:22:25 PM

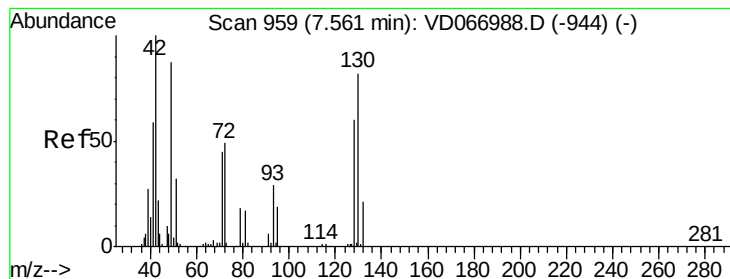


#28

Bromochloromethane
Concen: 43.952 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108072		
129	3.1	0.0	4.6	
130	106.8	74.1	111.1	





#29

Tetrahydrofuran

Concen: 206.766 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

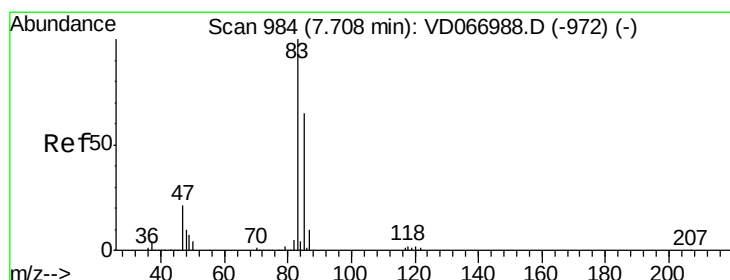
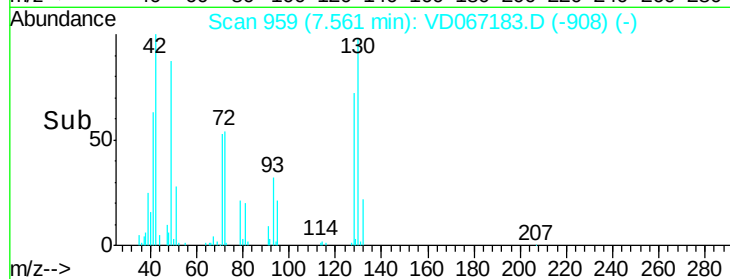
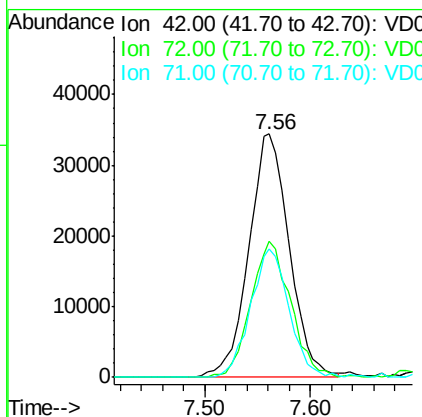
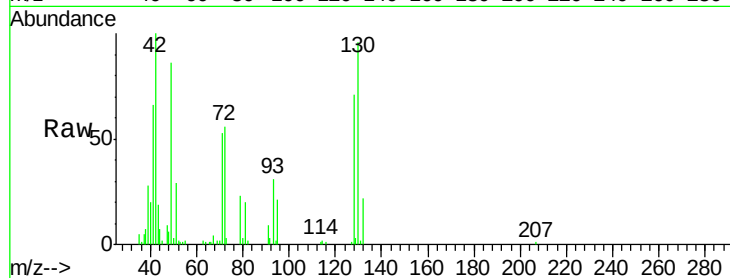
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	91454
Ion	Ratio	Lower	Upper
42	100		
72	55.0	39.1	58.7
71	50.1	34.2	51.4

Manual Integrations
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MMDadoda
10/9/2020 4:22:25 PM



#30

Chloroform

Concen: 47.846 ug/l

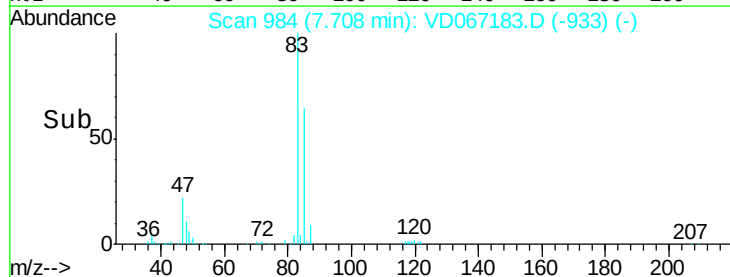
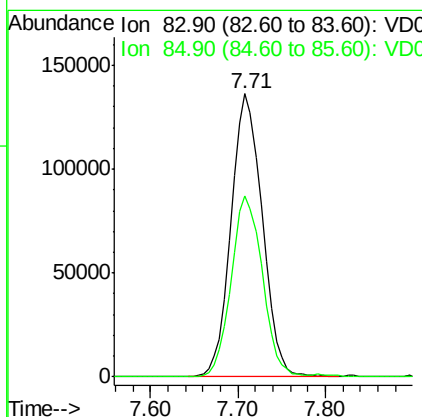
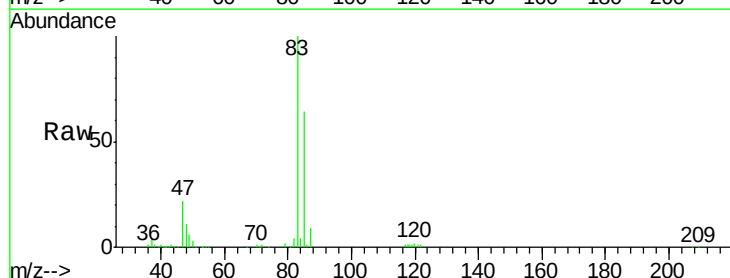
RT: 7.71 min Scan# 984

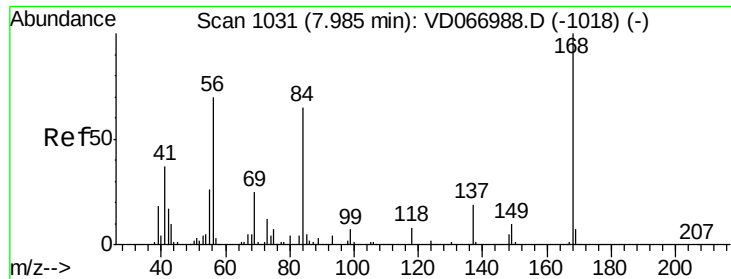
Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	83	Resp:	330467
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.3	78.5





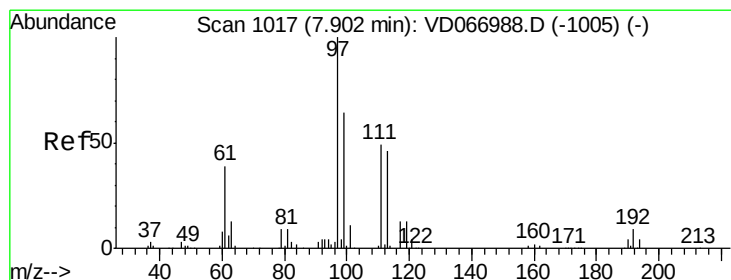
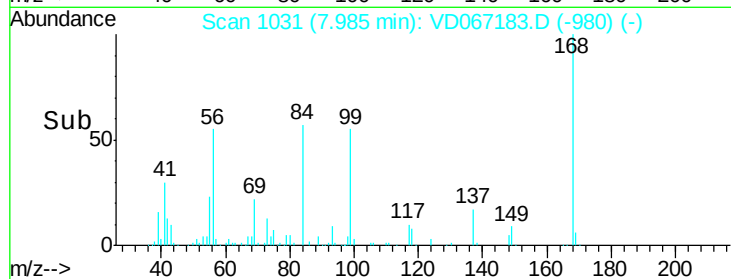
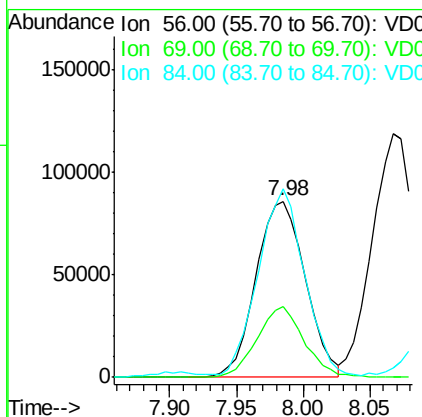
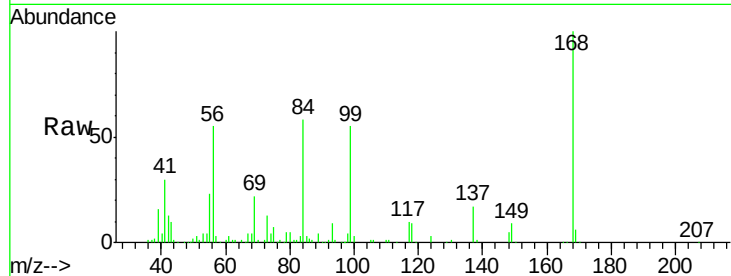
#31
Cyclohexane
Concen: 41.373 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.1	29.0	43.6
84	104.6	74.2	111.2

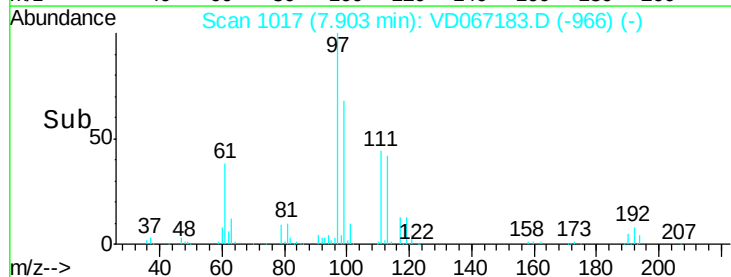
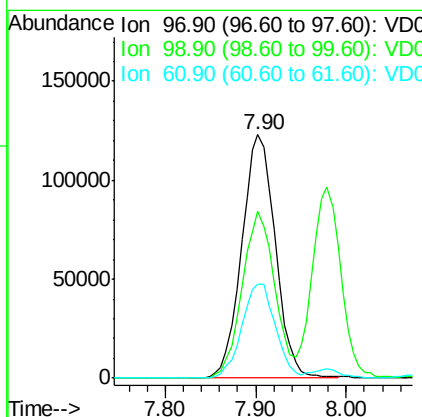
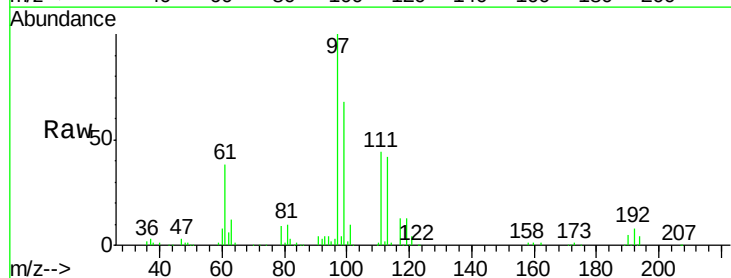
Manual Integrations
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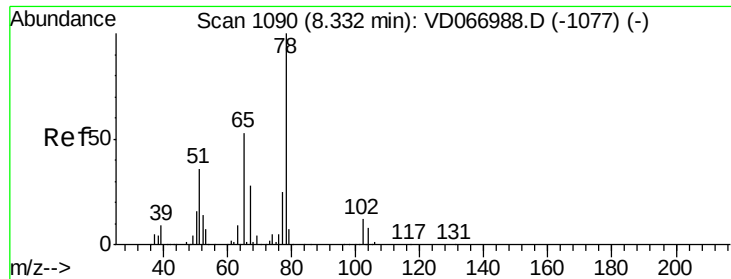
MMDadoda
10/9/2020 4:22:25 PM



#32
1,1,1-Trichloroethane
Concen: 49.363 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.9	52.6	78.8
61	38.6	32.8	49.2





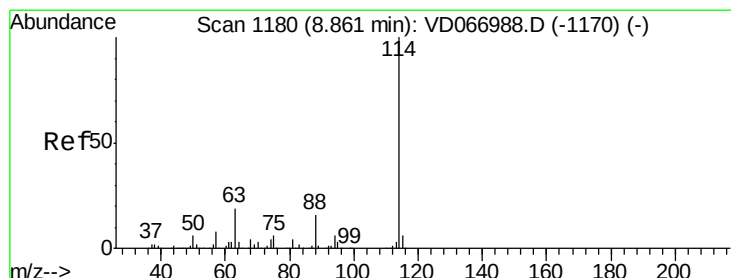
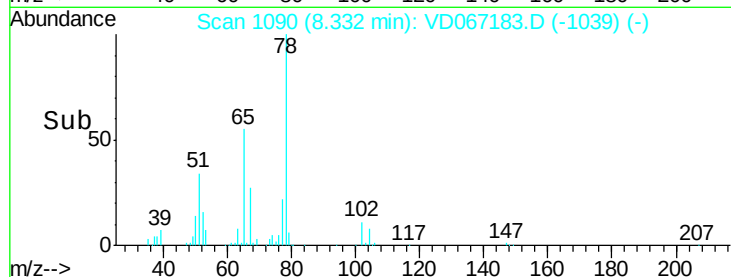
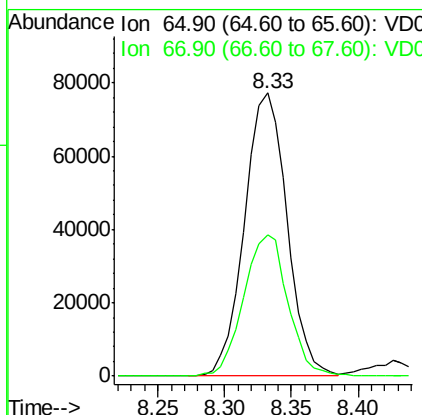
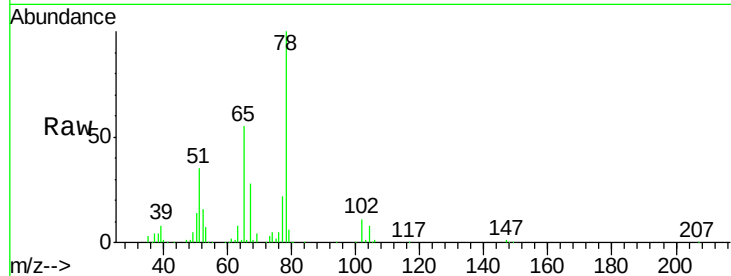
#33
 1,2-Dichloroethane-d4
 Concen: 47.890 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170218		
67	52.2	0.0	106.8	

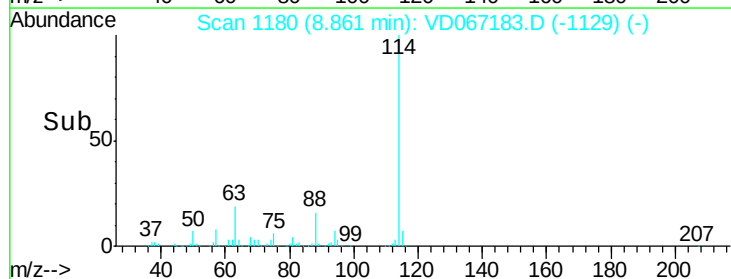
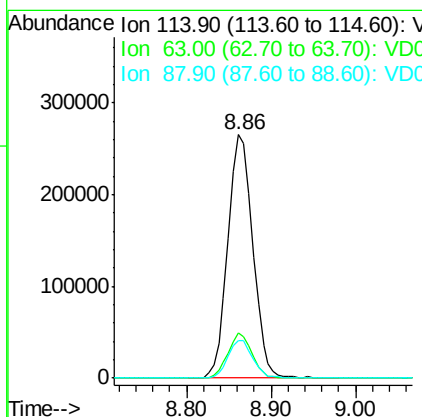
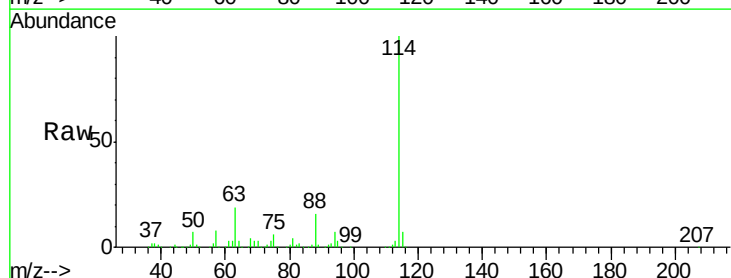
Manual Integrations
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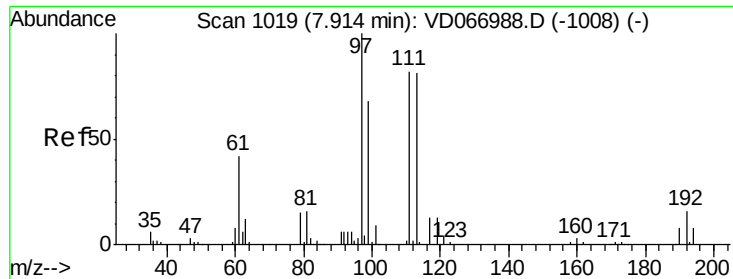
MMDadoda
 10/9/2020 4:22:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	540348		
63	18.6	0.0	38.4	
88	15.7	0.0	31.2	





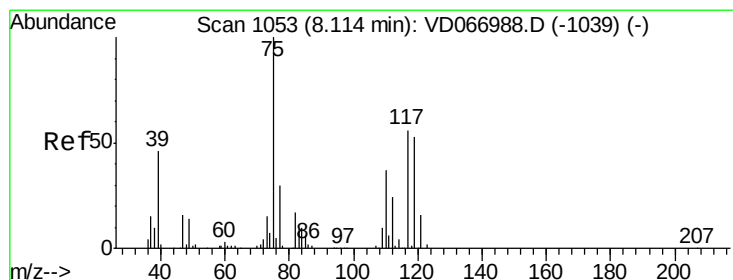
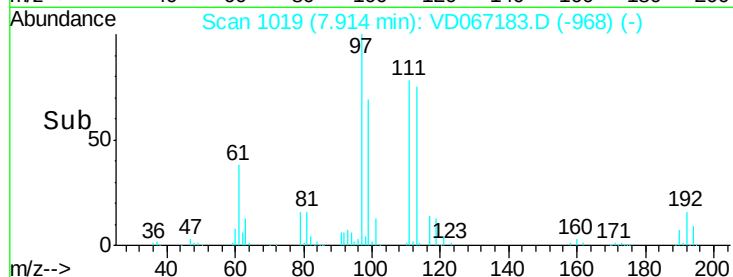
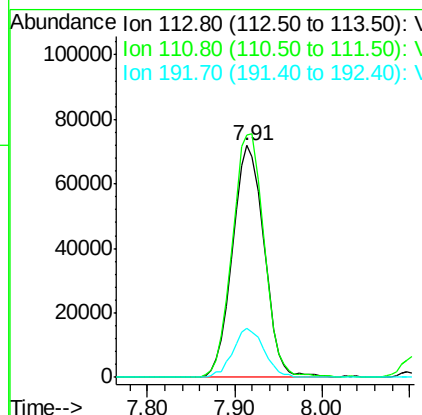
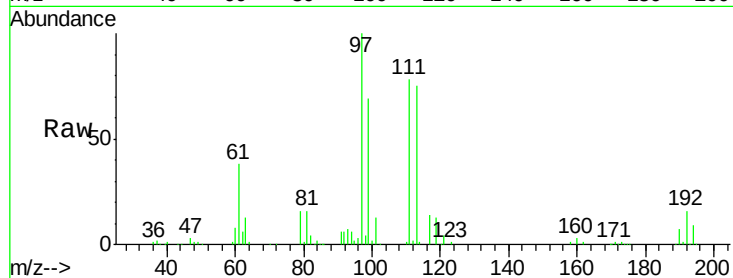
#35
Dibromofluoromethane
Concen: 49.934 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176645		
111	105.9	83.0	124.4	
192	20.7	15.5	23.3	

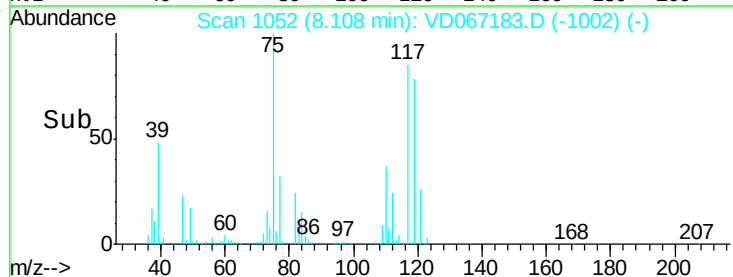
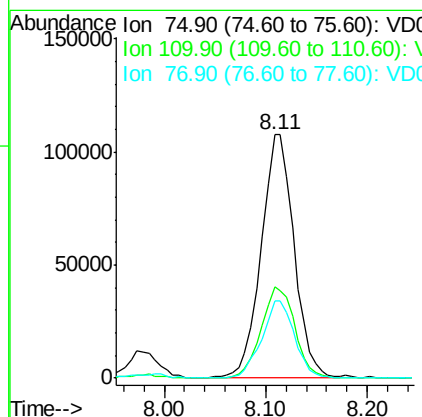
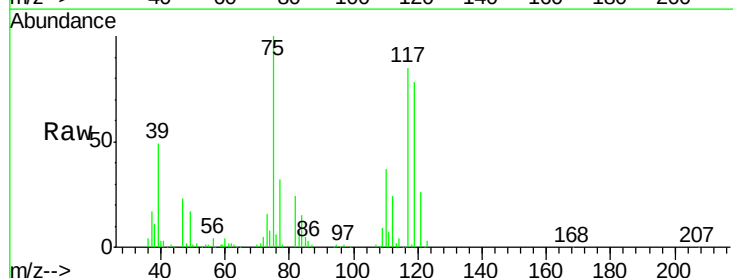
Manual Integrations
APPROVED

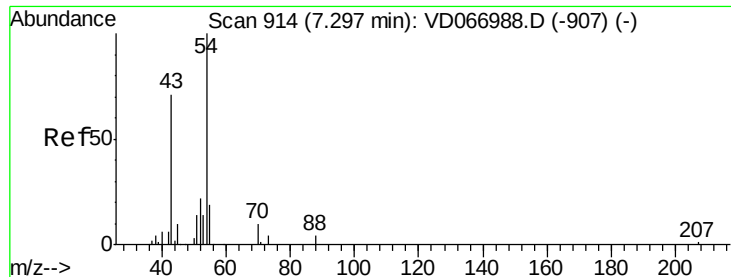
MMDadoda
10/9/2020 4:22:25 PM



#36
1,1-Dichloropropene
Concen: 47.961 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	241560		
110	38.7	18.4	55.0	
77	32.1	24.8	37.2	





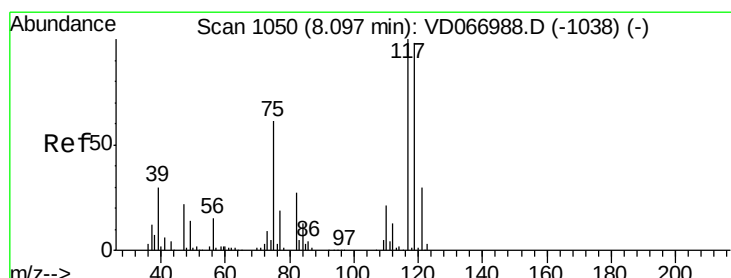
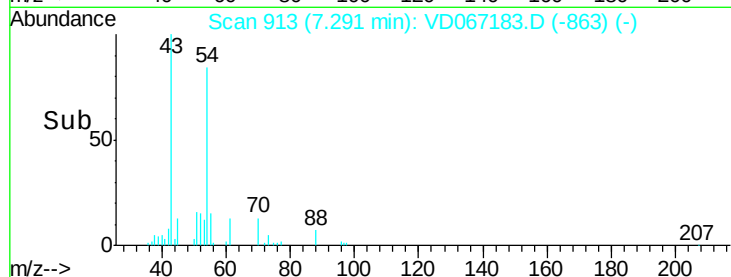
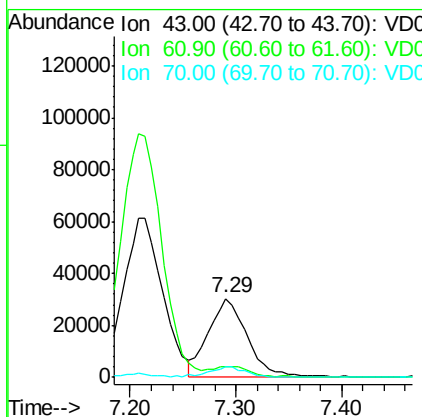
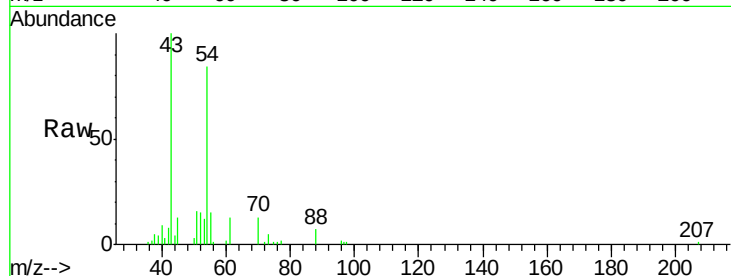
#37
Ethyl Acetate
Concen: 44.223 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	12.5	18.7#
70	13.0	9.4	14.0

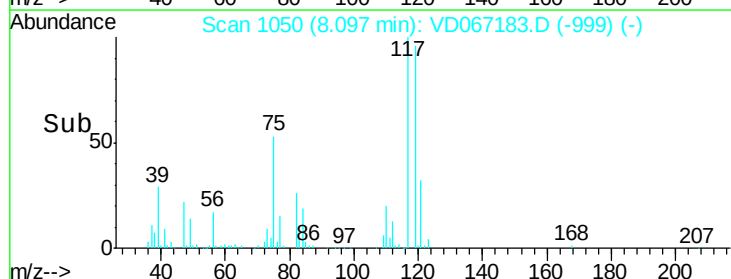
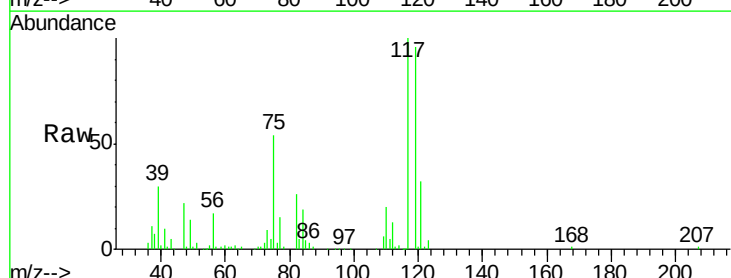
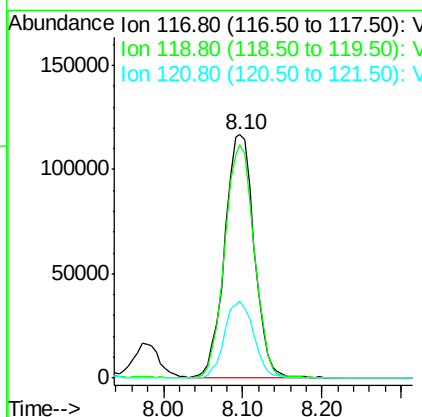
Manual Integrations
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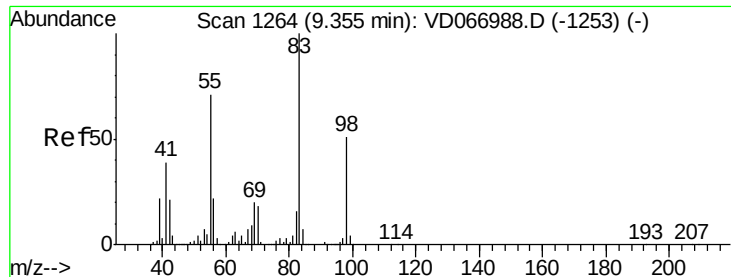
MMDadoda
10/9/2020 4:22:25 PM



#38
Carbon Tetrachloride
Concen: 55.540 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.7	118.1
121	31.5	24.2	36.2





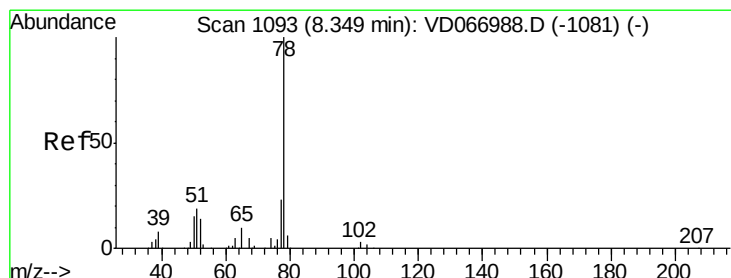
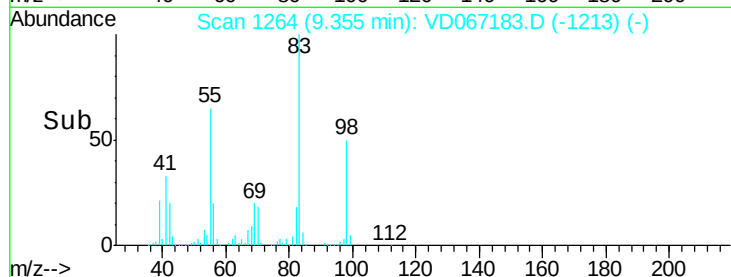
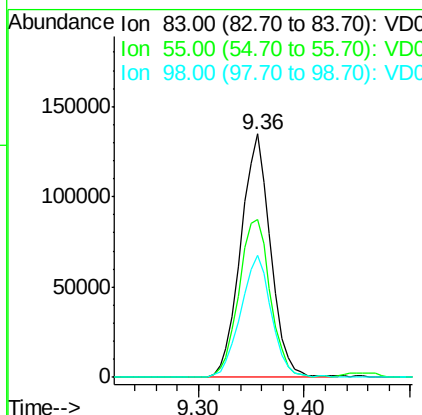
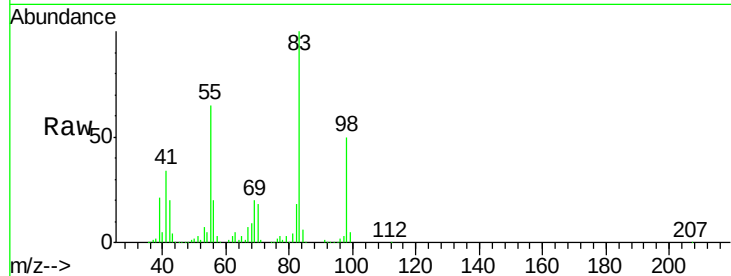
#39
Methylvlcyclohexane
Concen: 49.616 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.0	57.1	85.7
98	50.1	40.9	61.3

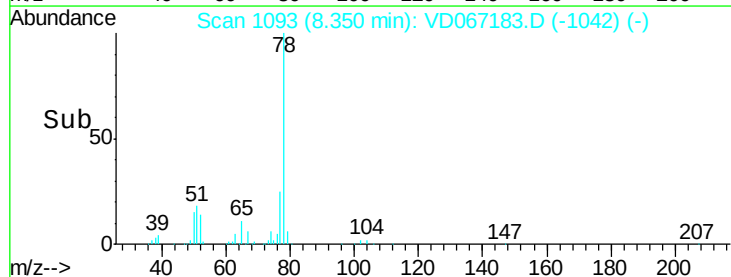
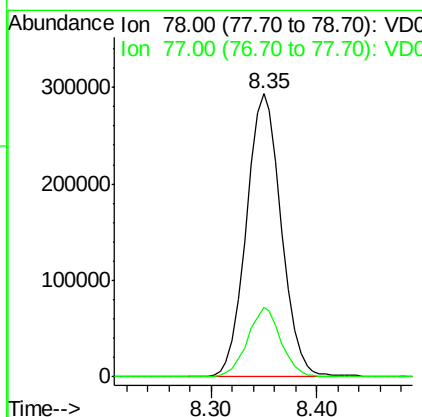
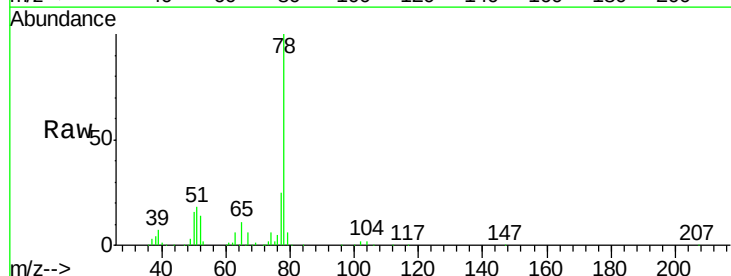
Manual Integrations
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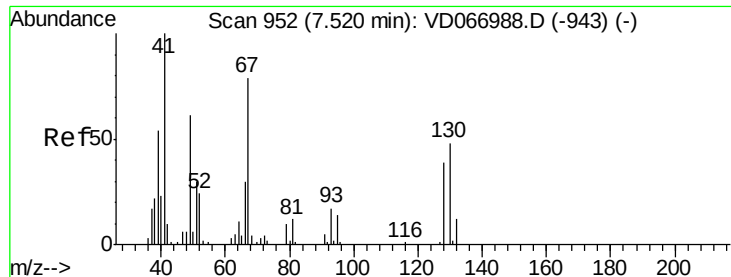
MMDadoda
10/9/2020 4:22:25 PM



#40
Benzene
Concen: 48.152 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.4	27.6





#41

Methacrylonitrile

Concen: 46.962 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 44268

Ion Ratio Lower Upper

41 100

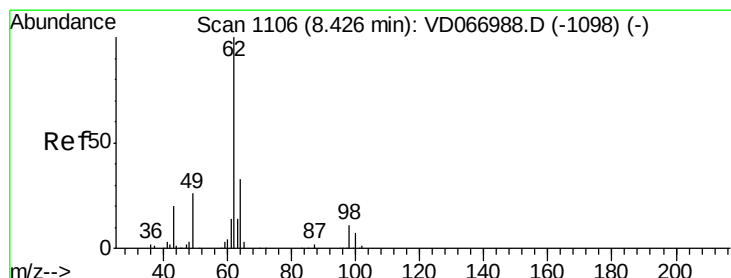
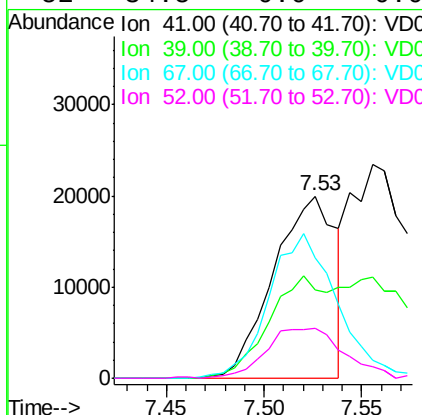
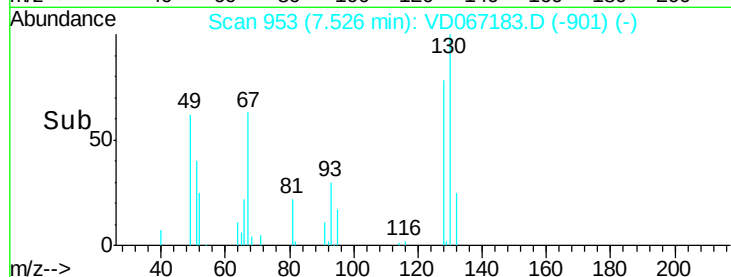
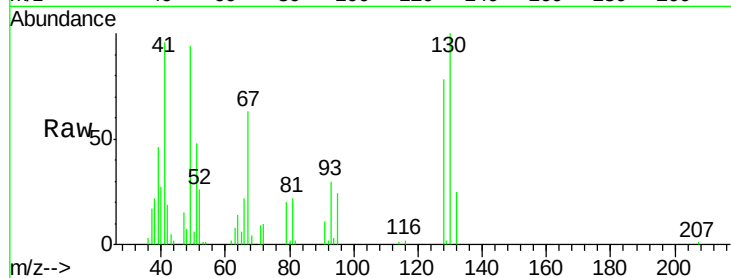
39 50.6 0.0 0.0#

67 86.3 0.0 0.0#

52 34.5 0.0 0.0#

Manual Integrations
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MMDadoda
10/9/2020 4:22:25 PM



#42

1,2-Dichloroethane

Concen: 50.613 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067183.D

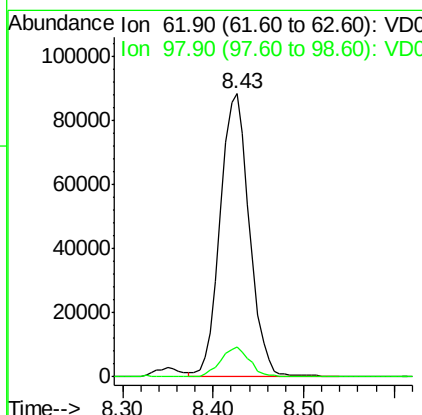
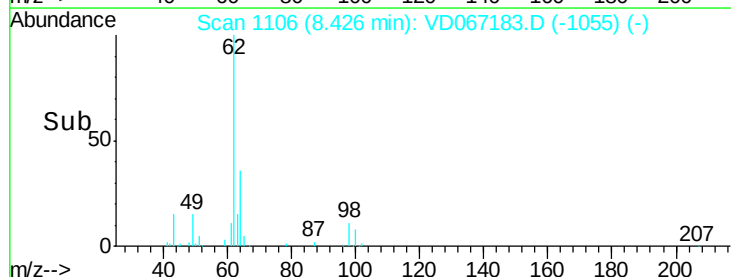
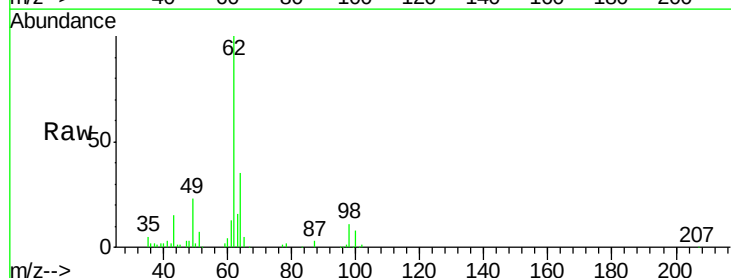
Acq: 08 Oct 2020 09:56

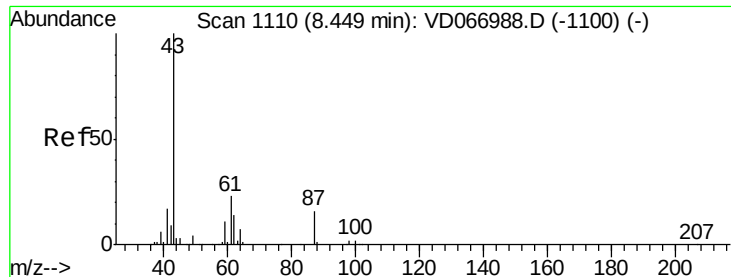
Tgt Ion: 62 Resp: 197852

Ion Ratio Lower Upper

62 100

98 10.3 0.0 22.6





#43

Isopropyl Acetate

Concen: 45.630 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

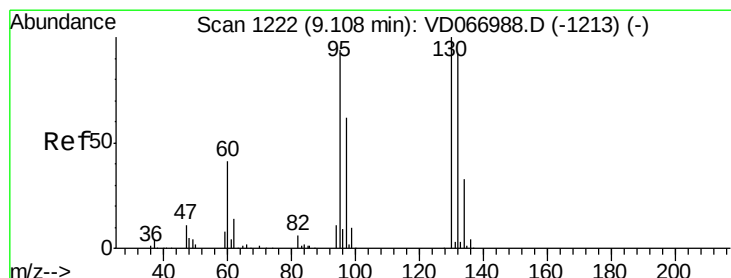
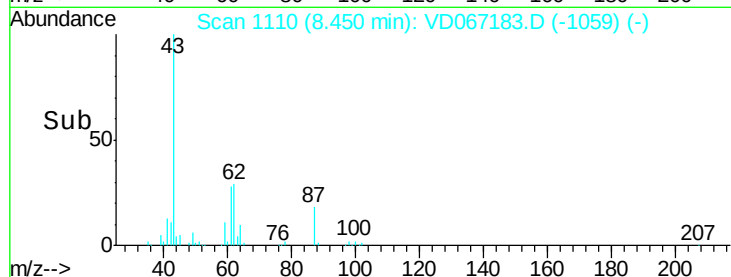
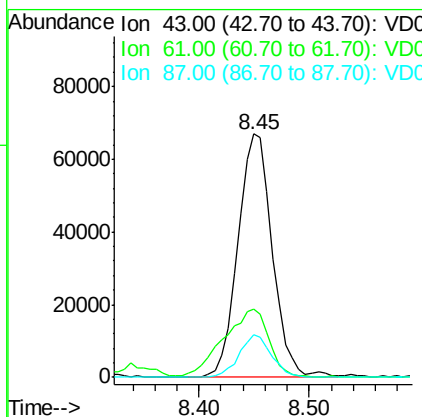
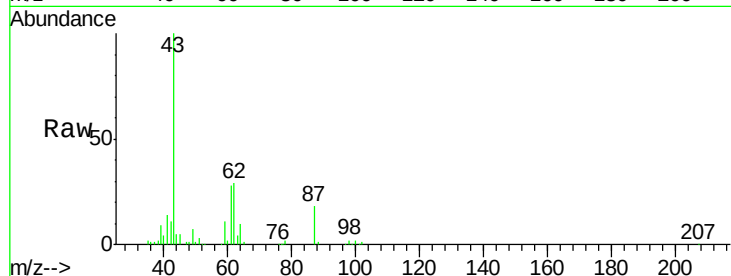
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	146670
Ion	Ratio	Lower	Upper
43	100		
61	36.7	27.1	40.7
87	16.4	12.3	18.5

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#44

Trichloroethene

Concen: 50.721 ug/l

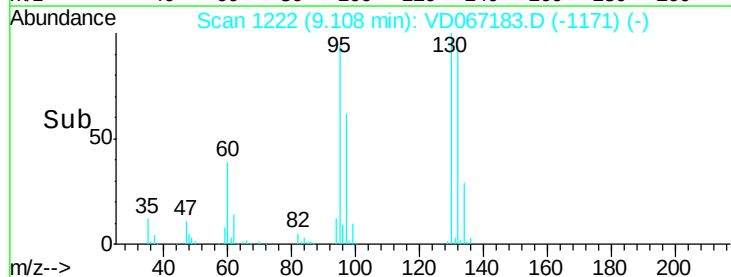
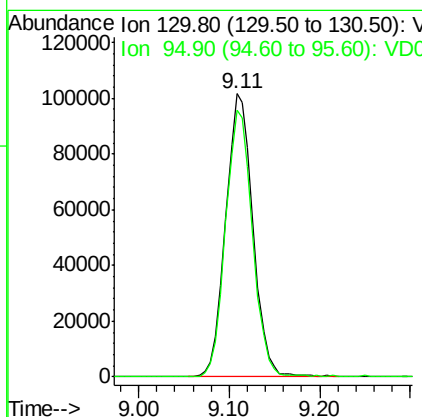
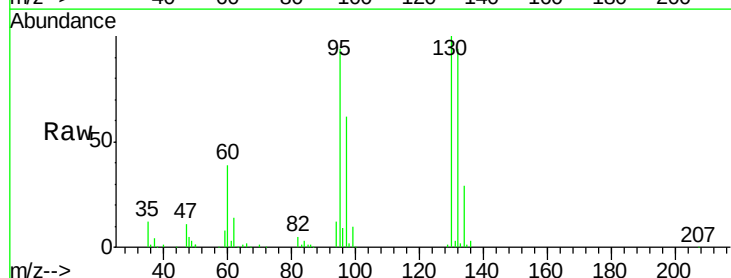
RT: 9.11 min Scan# 1222

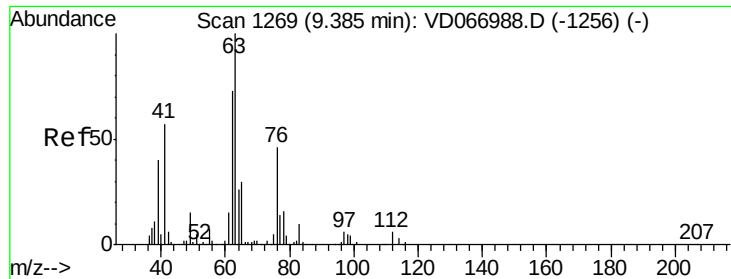
Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	130	Resp:	211883
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	187.8





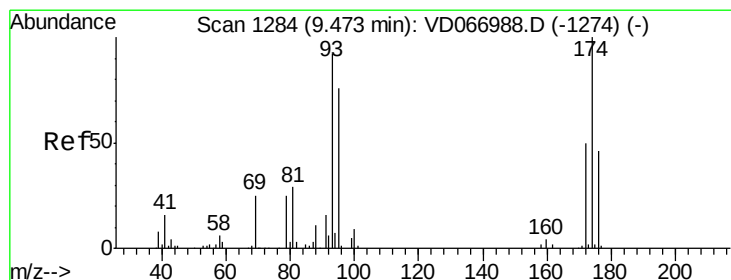
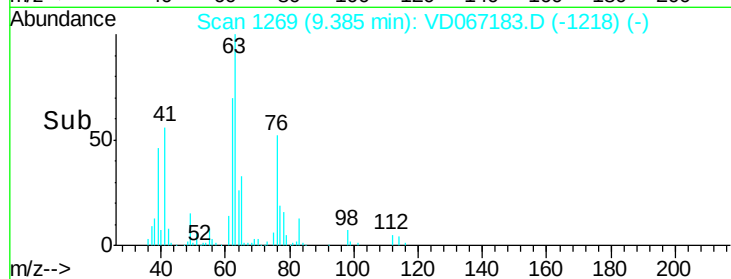
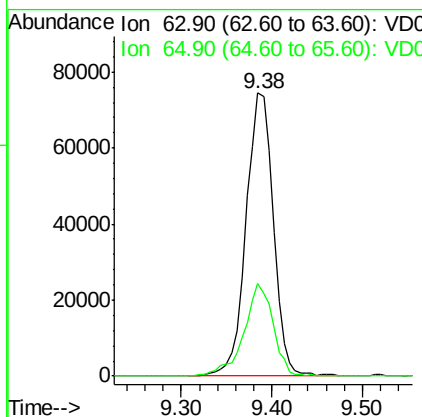
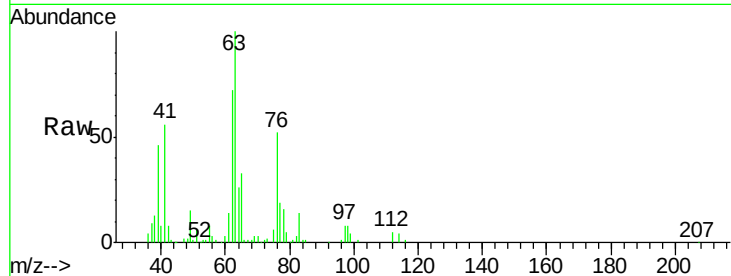
#45
 1,2-Dichloropropane
 Concen: 47.327 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 155566
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.7 35.5

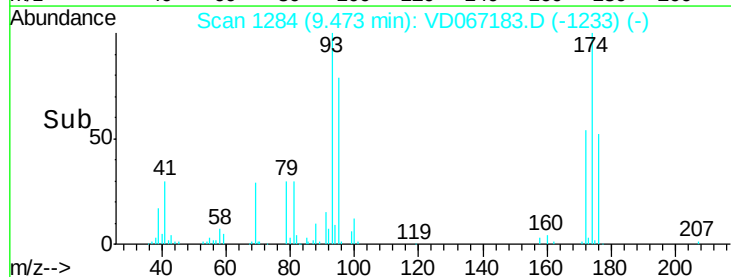
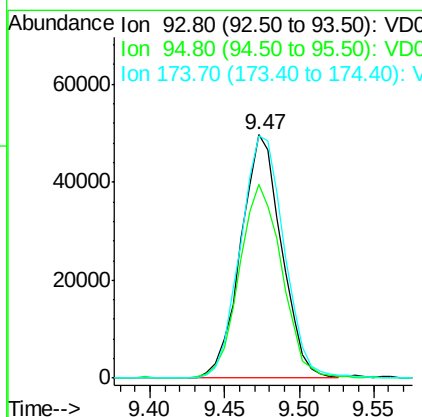
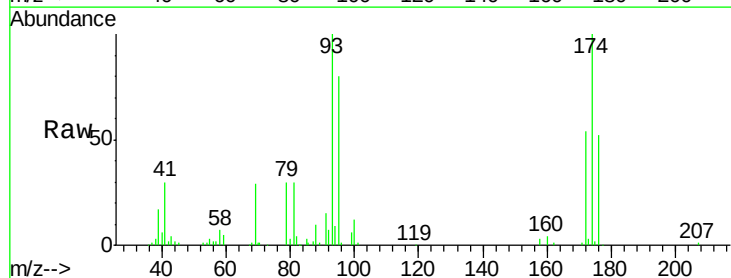
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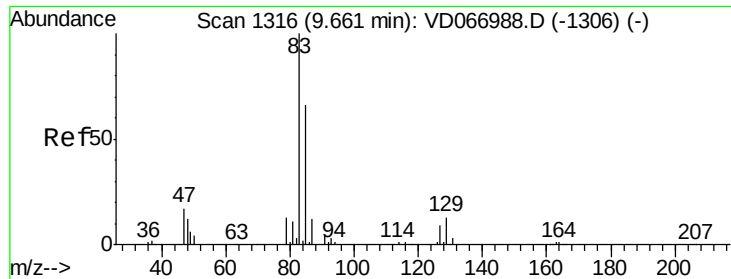
MMDadoda
 10/9/2020 4:22:25 PM



#46
 Dibromomethane
 Concen: 49.792 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion: 93 Resp: 94068
 Ion Ratio Lower Upper
 93 100
 95 83.0 64.7 97.1
 174 106.6 81.4 122.2





#47

Bromodichloromethane

Concen: 52.110 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

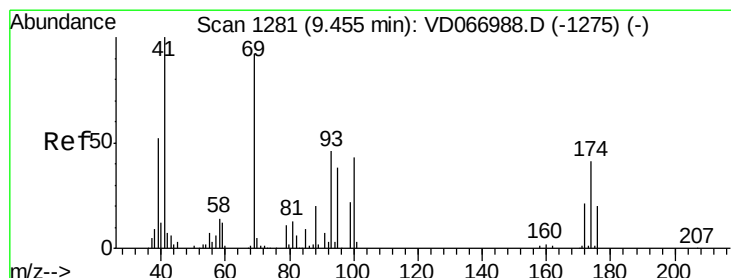
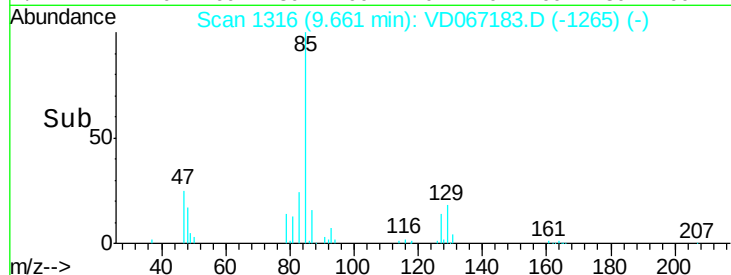
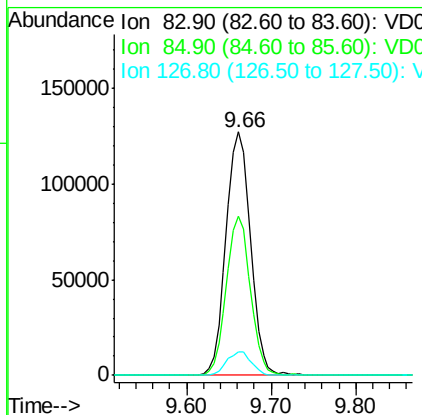
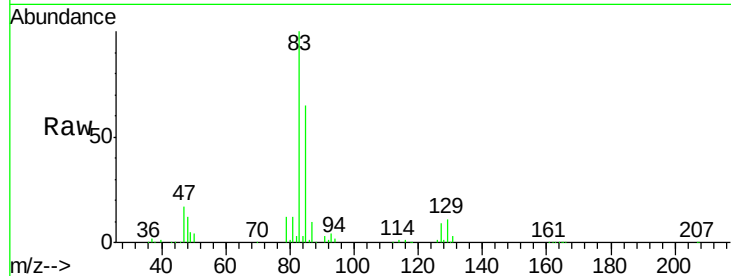
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	255907
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.9	79.3
127	9.4	7.3	10.9

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 42.312 ug/l

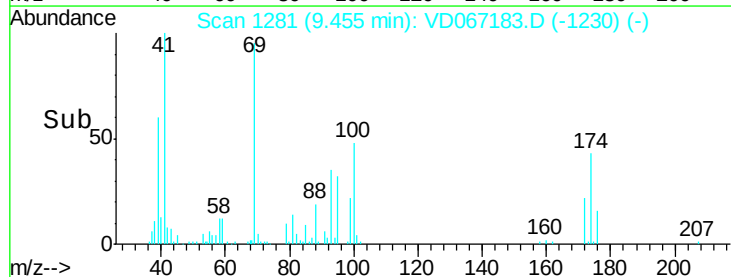
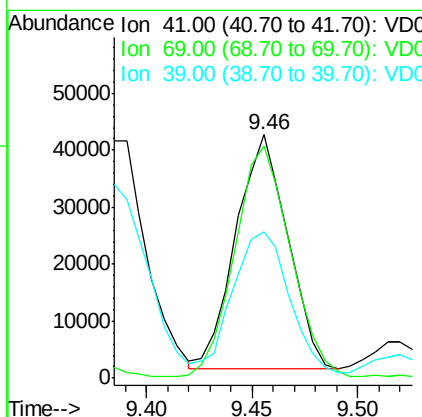
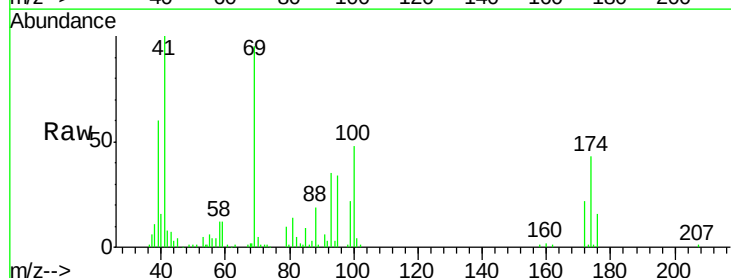
RT: 9.46 min Scan# 1281

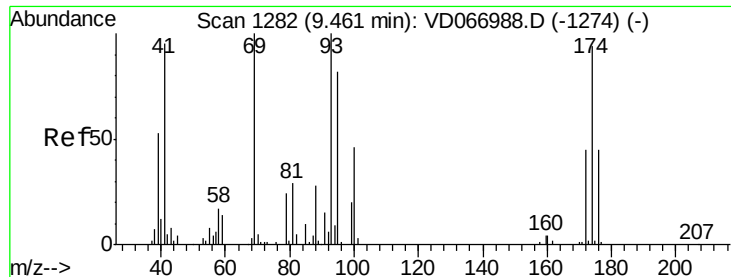
Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion	41	Resp	69678
Ion	Ratio	Lower	Upper
41	100		
69	105.9	68.5	102.7#
39	65.2	40.2	60.2#





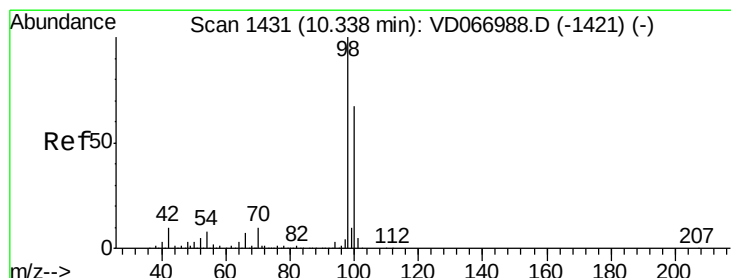
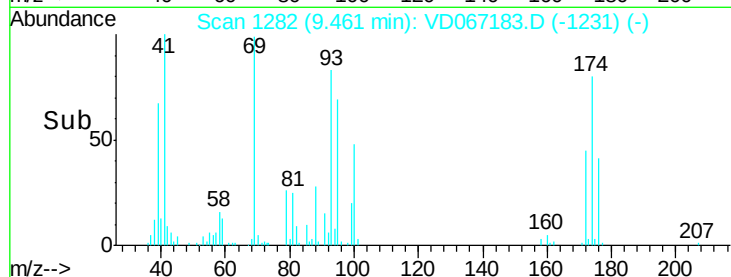
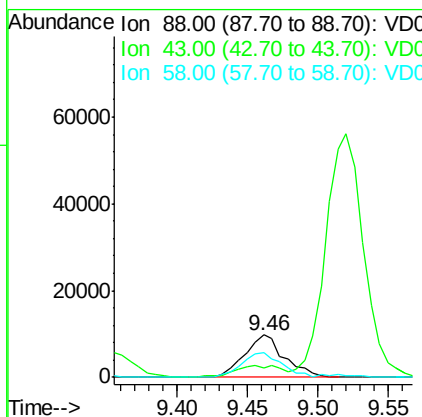
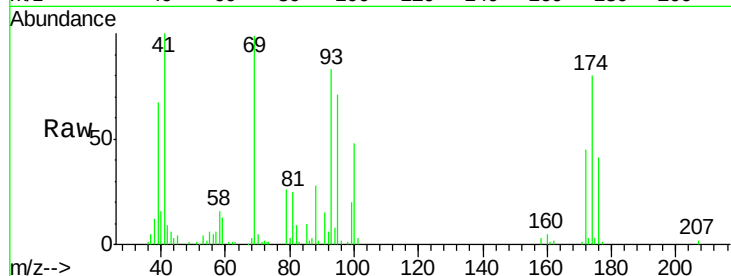
#49
1,4-Dioxane
Concen: 985.376 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	19429
Ion Ratio	Lower	Upper	
88	100		
43	32.0	25.6	38.4
58	57.6	53.5	80.3

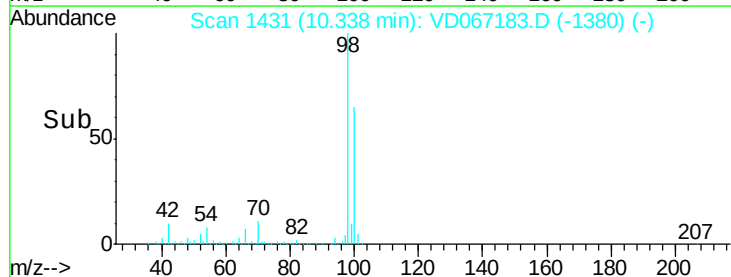
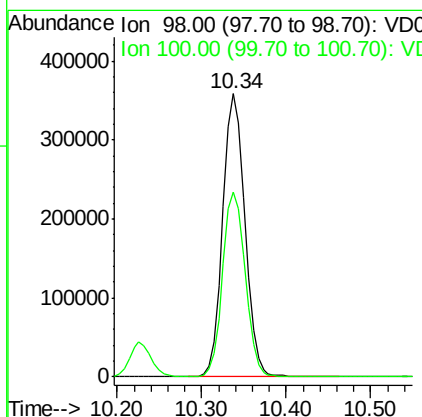
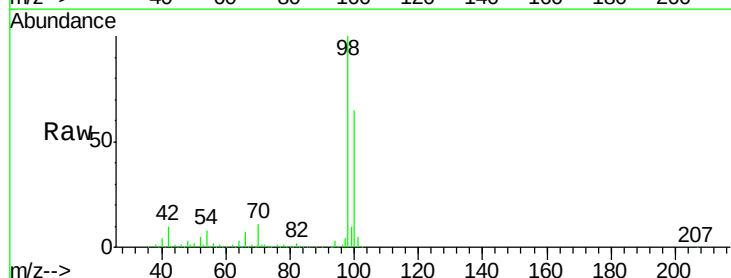
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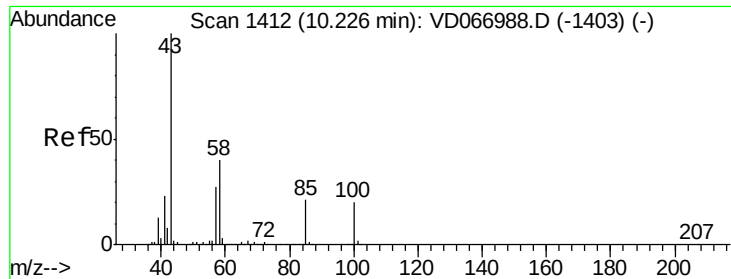
MMDadoda
10/9/2020 4:22:25 PM



#50
Toluene-d8
Concen: 50.763 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	98	Resp	654353
Ion Ratio	Lower	Upper	
98	100		
100	66.7	52.8	79.2





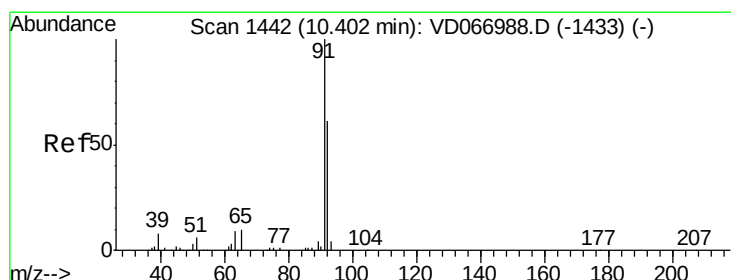
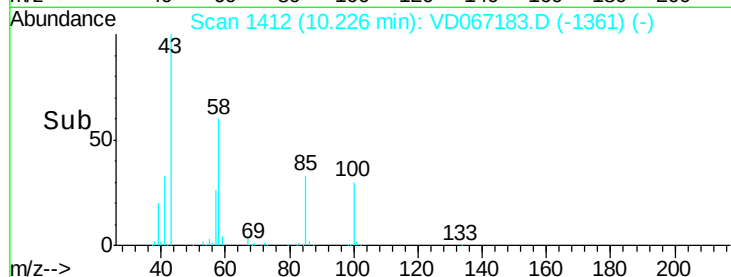
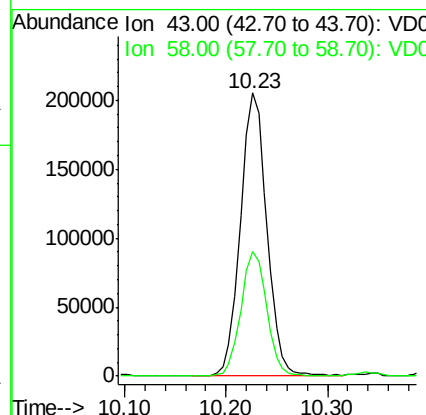
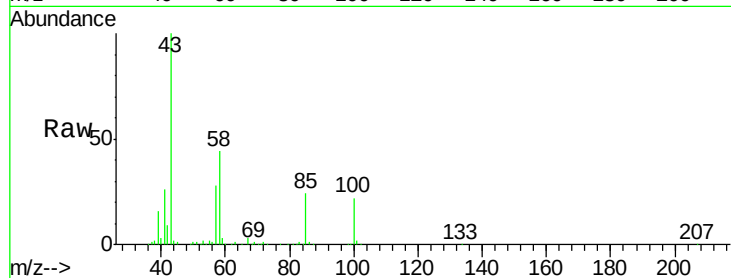
#51
4-Methyl-2-Pentanone
Concen: 232.607 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 372418
Ion Ratio Lower Upper
43 100
58 43.2 33.8 50.8

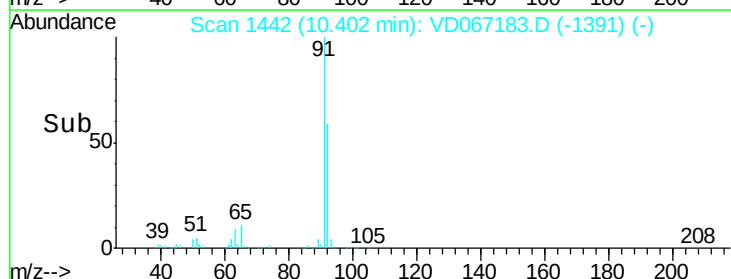
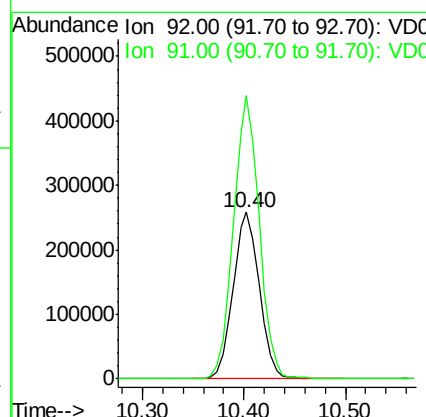
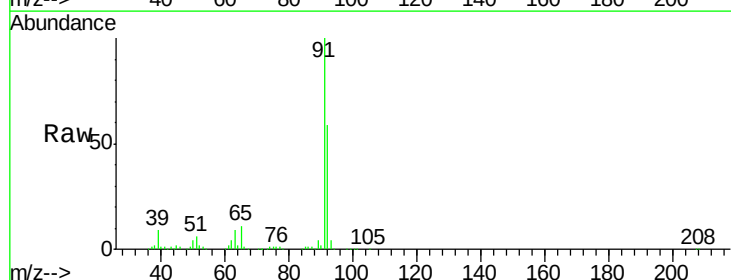
Manual Integrations
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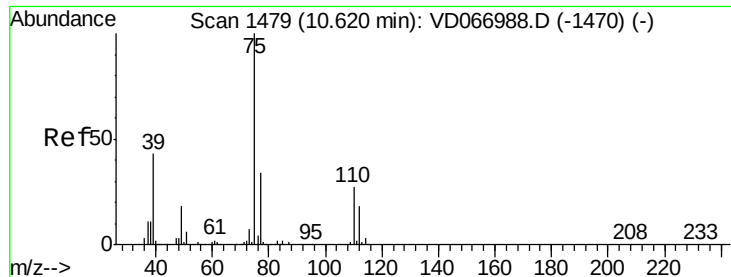
MMDadoda
10/9/2020 4:22:25 PM



#52
Toluene
Concen: 51.365 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 92 Resp: 462885
Ion Ratio Lower Upper
92 100
91 167.1 135.1 202.7





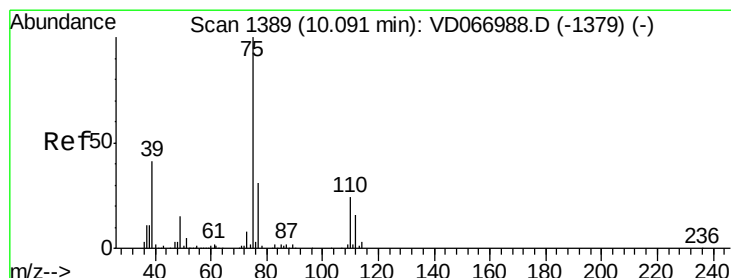
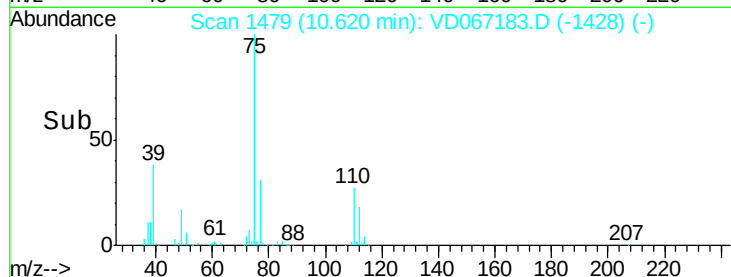
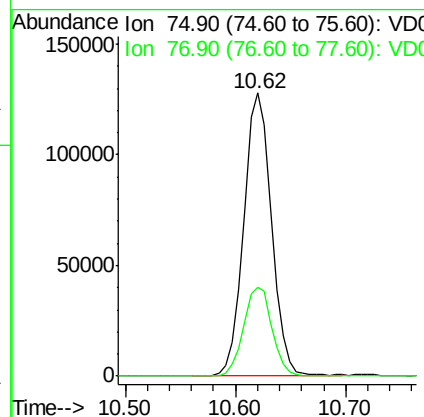
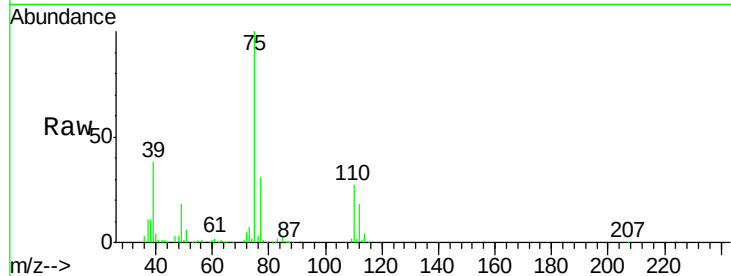
#53
t-1,3-Dichloropropene
Concen: 51.651 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 226700
Ion Ratio Lower Upper
75 100
77 31.4 27.1 40.7

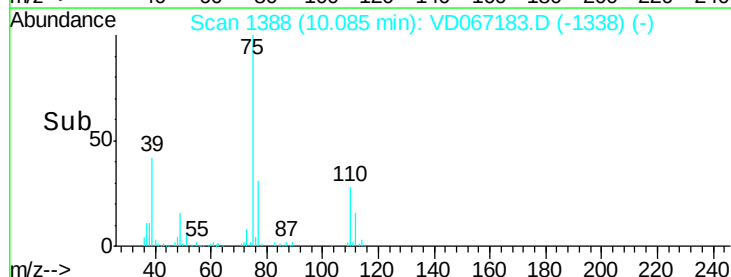
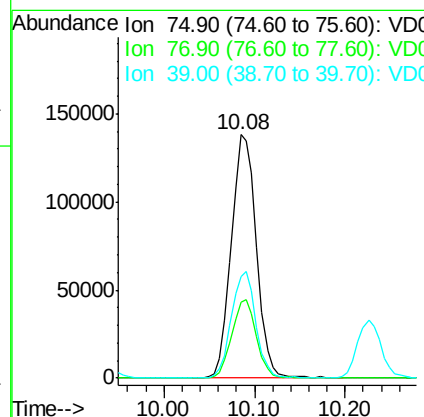
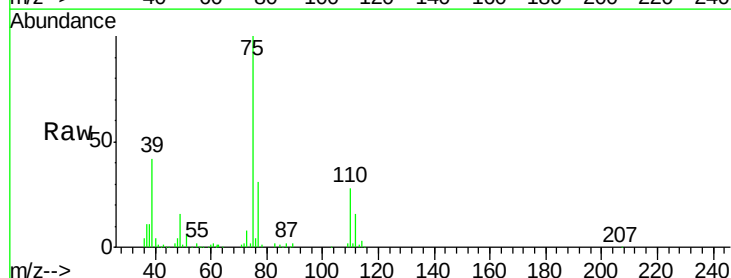
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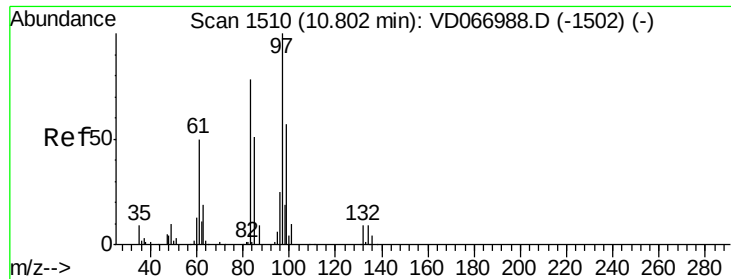
MMDadoda
10/9/2020 4:22:25 PM



#54
cis-1,3-Dichloropropene
Concen: 49.607 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 75 Resp: 265868
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 41.4 33.0 49.4





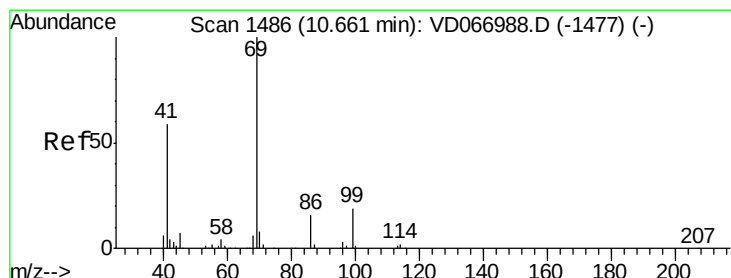
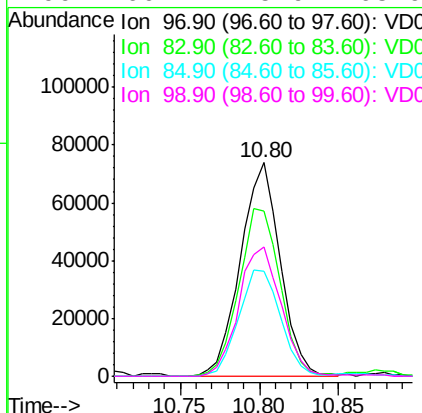
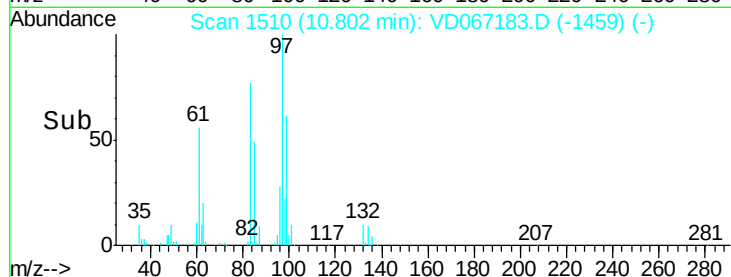
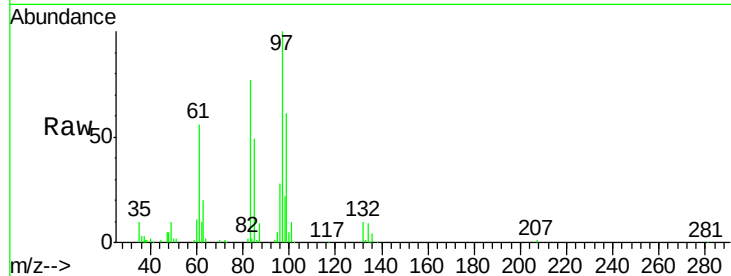
#55
 1,1,2-Trichloroethane
 Concen: 49.263 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	129392
Ion	Ratio	Lower	Upper
97	100		
83	77.3	62.4	93.6
85	49.2	41.0	61.4
99	60.7	45.9	68.9

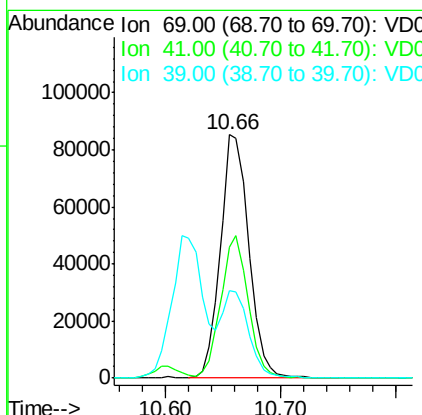
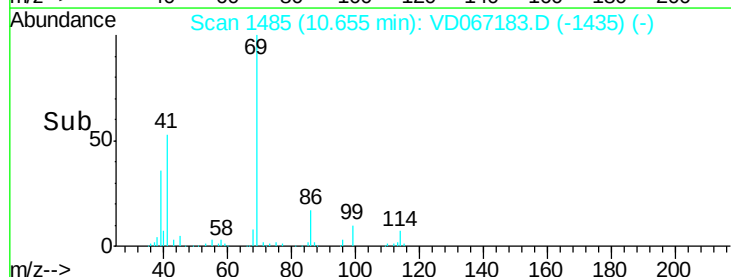
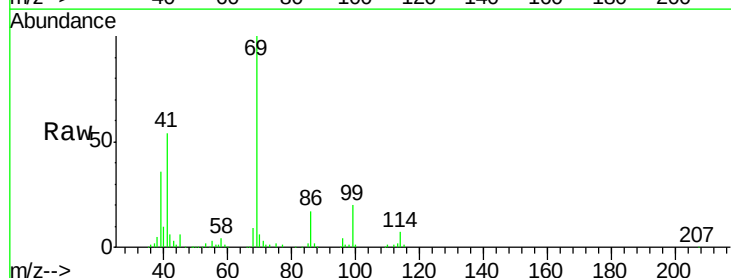
Manual Integrations
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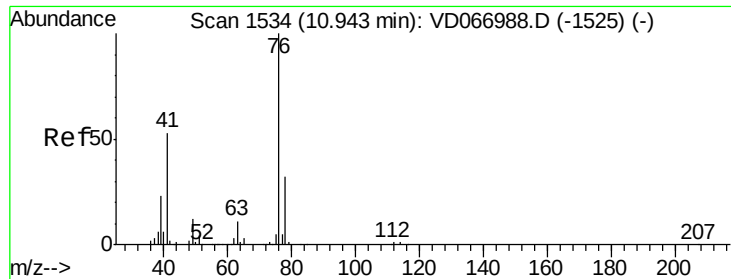
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 10/9/2020 4:22:25 PM



#56
 Ethyl methacrylate
 Concen: 53.930 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	69	Resp	146245
Ion	Ratio	Lower	Upper
69	100		
41	55.8	46.4	69.6
39	32.6	23.8	35.6





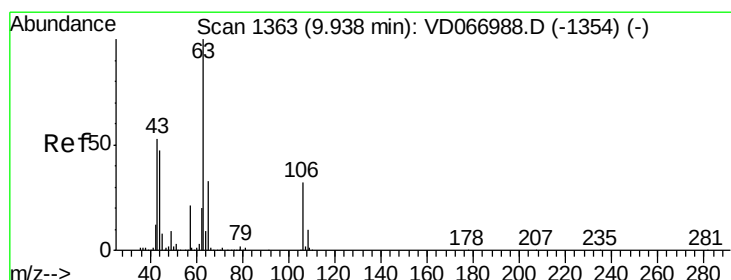
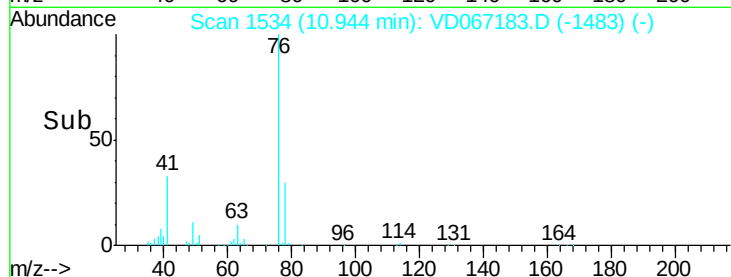
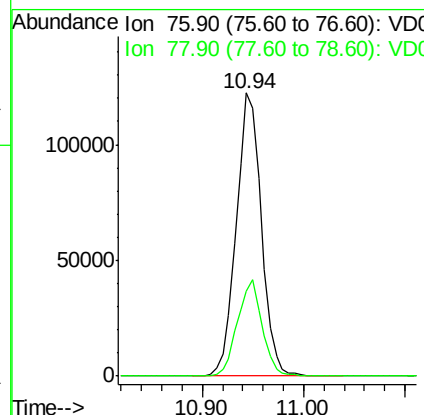
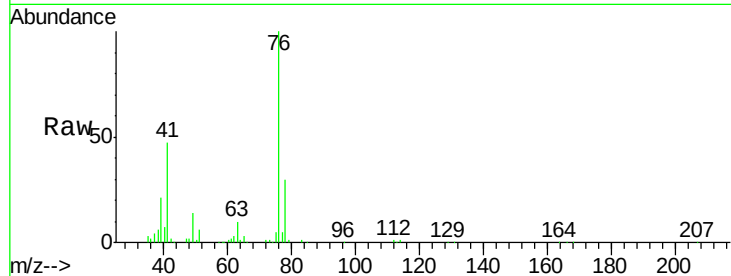
#57
 1,3-Dichloropropane
 Concen: 49.363 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.5	25.8	38.8

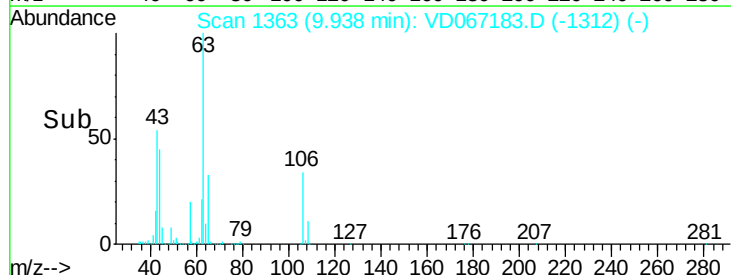
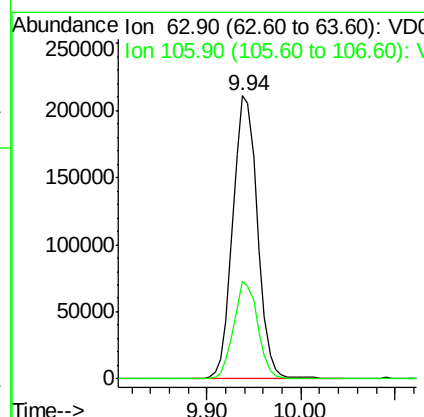
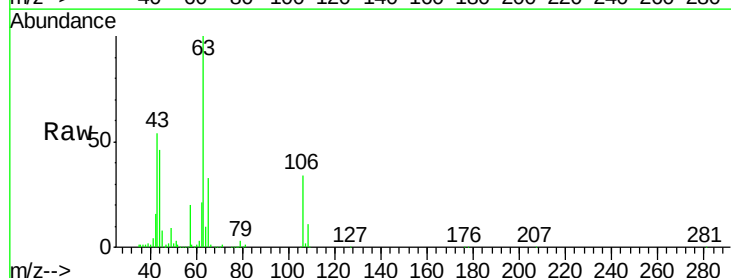
Manual Integrations
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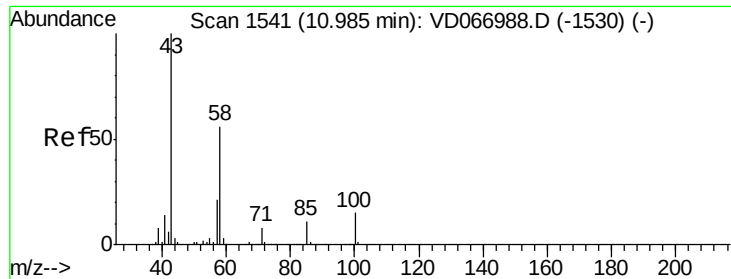
MMDadoda
 10/9/2020 4:22:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.995 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.8	25.3	37.9





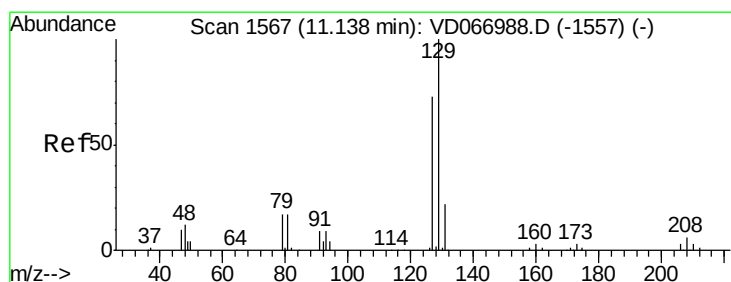
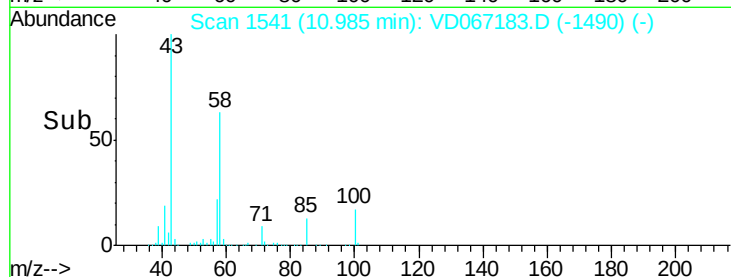
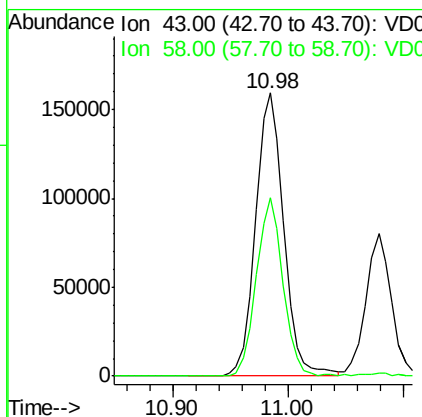
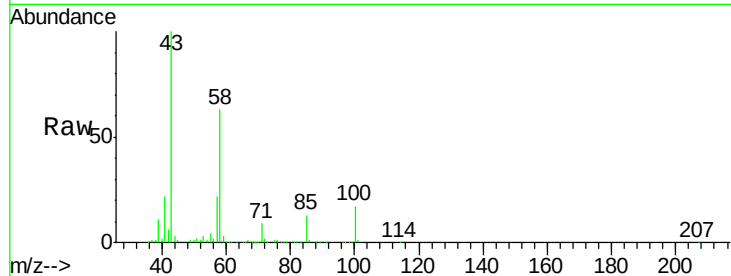
#59
2-Hexanone
Concen: 253.698 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 271106
Ion Ratio Lower Upper
43 100
58 59.9 28.3 84.9

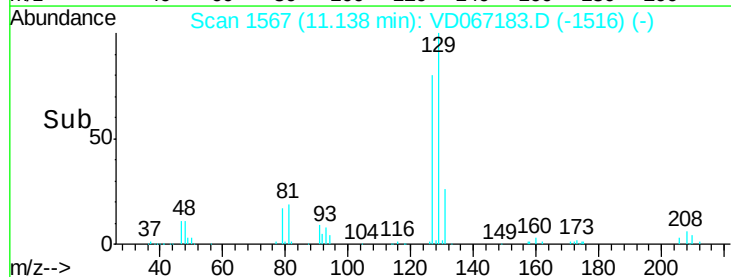
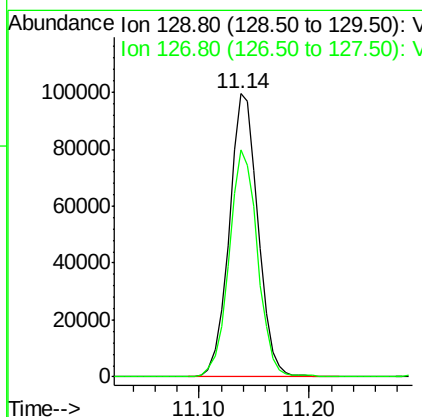
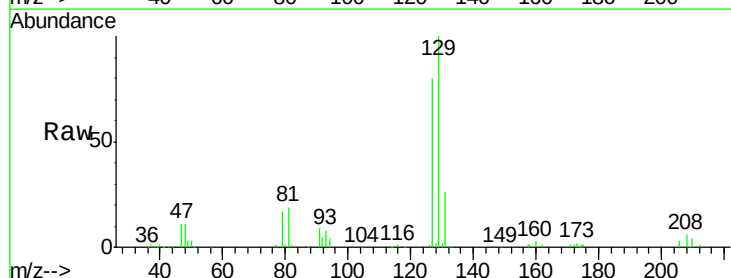
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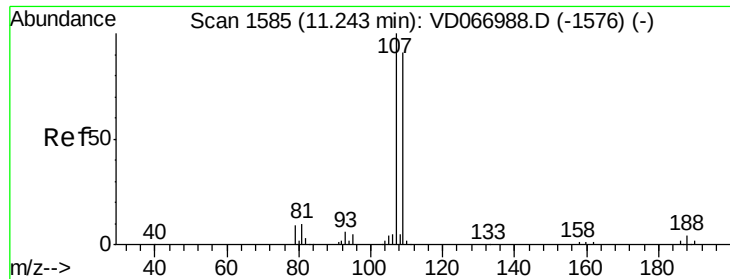
MMDadoda
10/9/2020 4:22:25 PM



#60
Dibromochloromethane
Concen: 51.933 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion:129 Resp: 181807
Ion Ratio Lower Upper
129 100
127 79.3 37.4 112.1





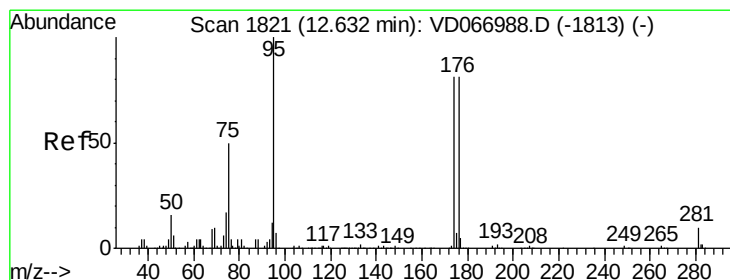
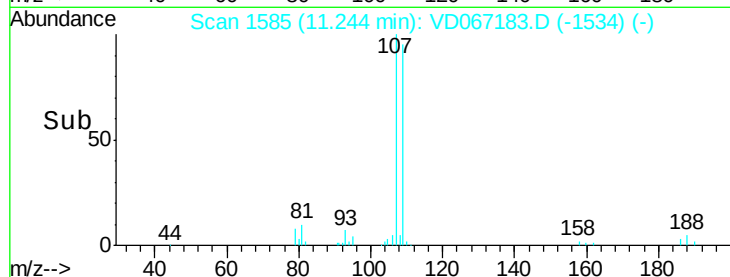
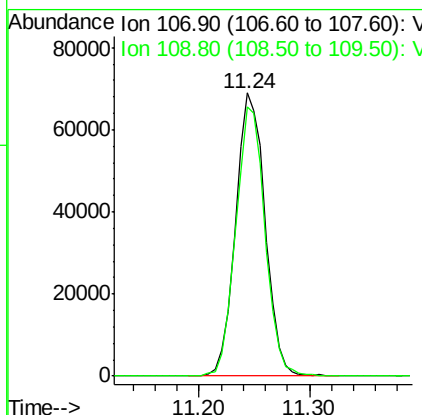
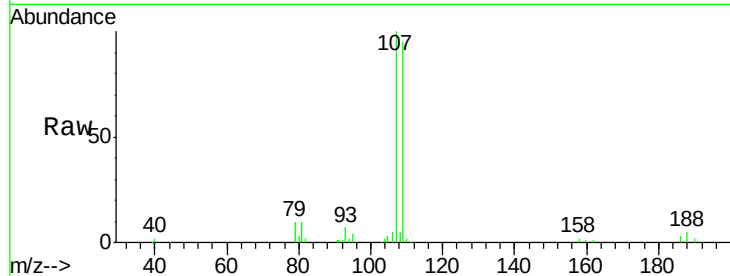
#61
 1,2-Dibromoethane
 Concen: 51.146 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.0	111.0

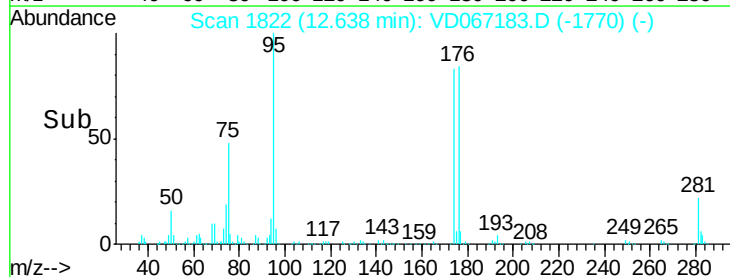
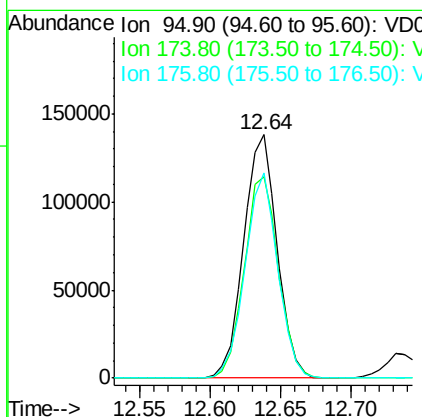
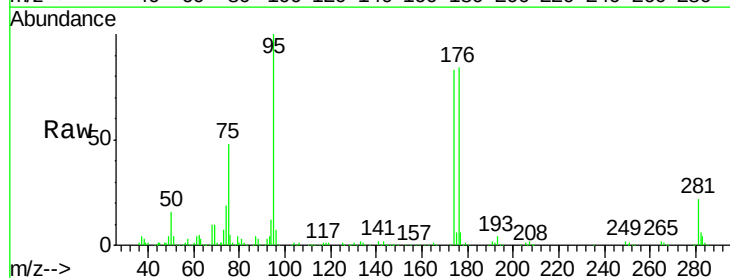
Manual Integrations
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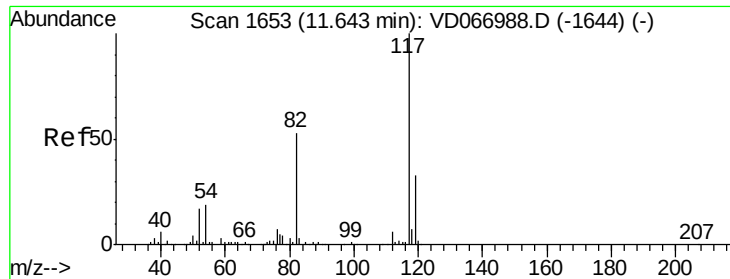
MMDadoda
 10/9/2020 4:22:25 PM



#62
 4-Bromofluorobenzene
 Concen: 52.362 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	167.6
176	82.2	0.0	162.4





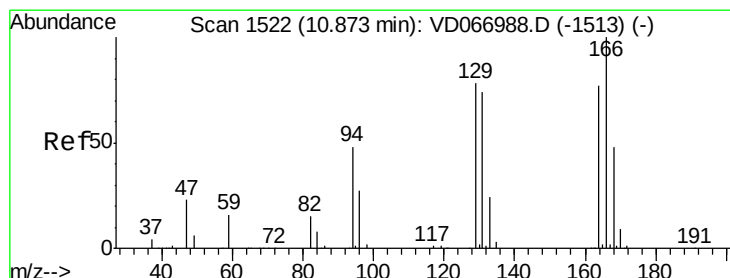
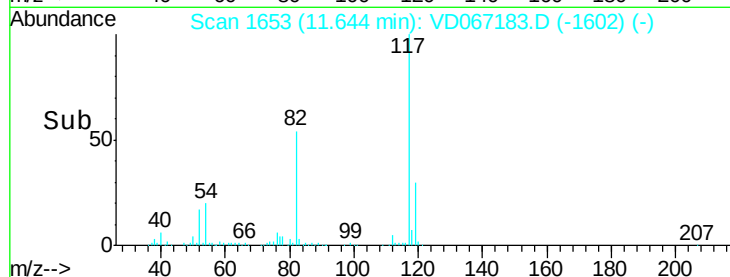
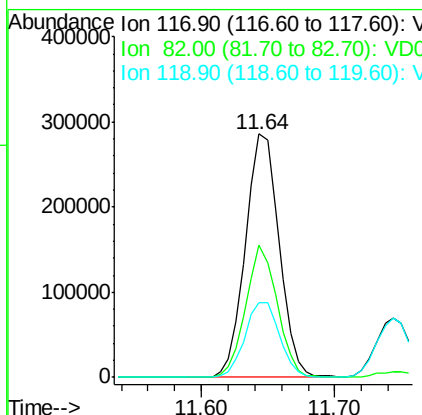
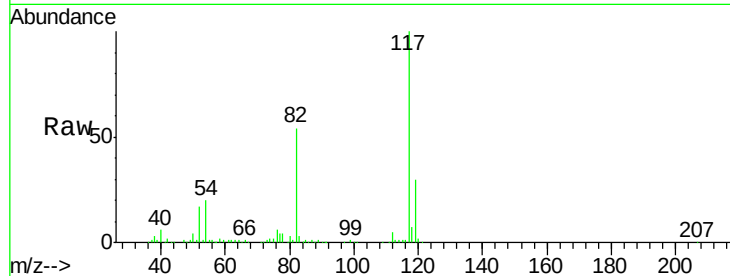
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498701		
82	54.4	42.6	63.8	
119	30.4	26.3	39.5	

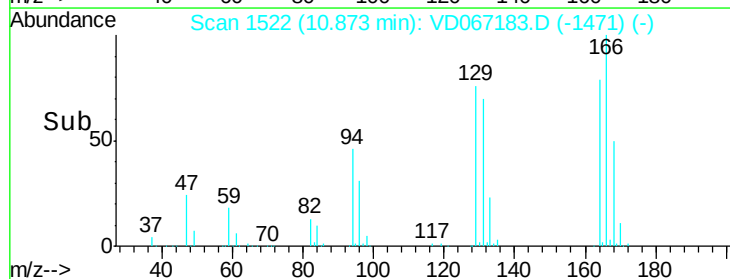
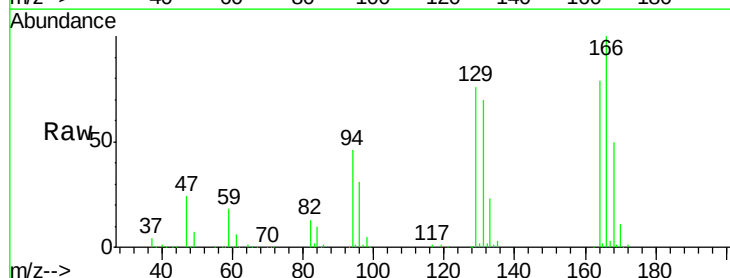
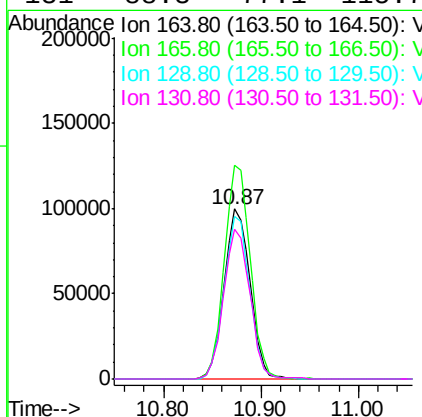
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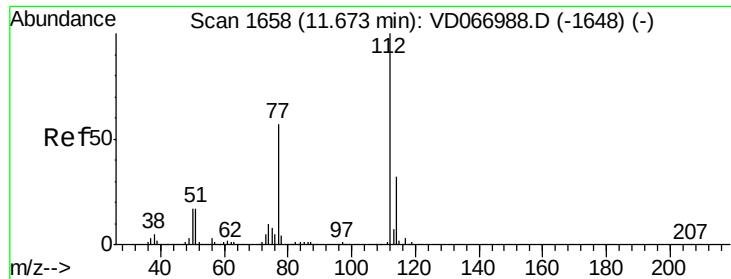
MMDadoda
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#64
Tetrachloroethene
Concen: 50.730 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183923		
166	125.9	104.4	156.6	
129	96.2	81.3	121.9	
131	88.3	77.1	115.7	





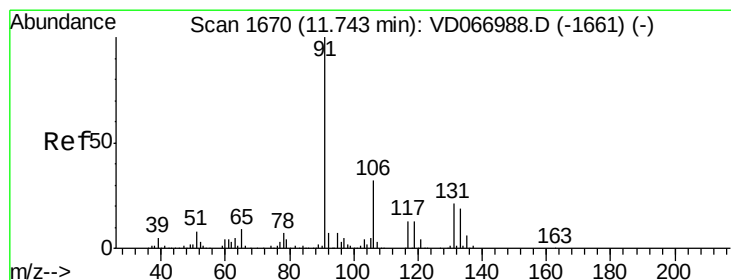
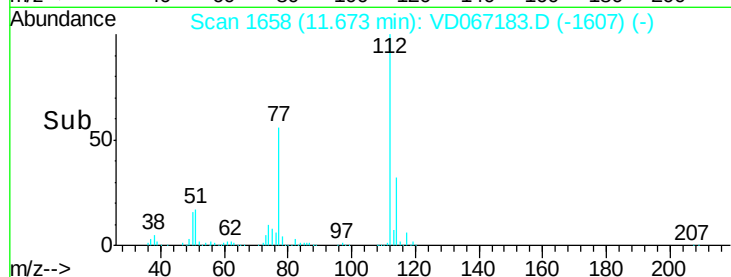
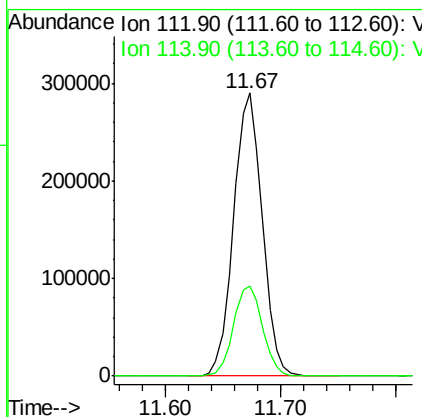
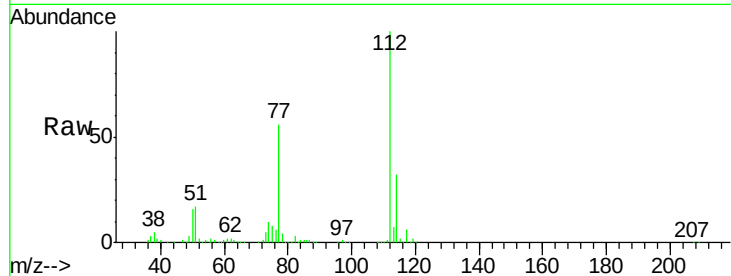
#65
Chlorobenzene
Concen: 50.147 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.0

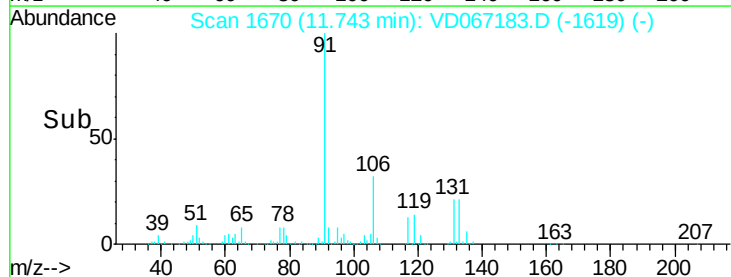
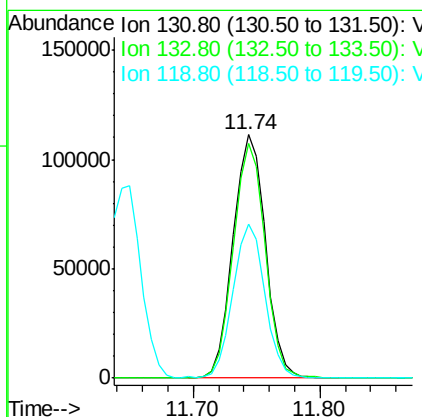
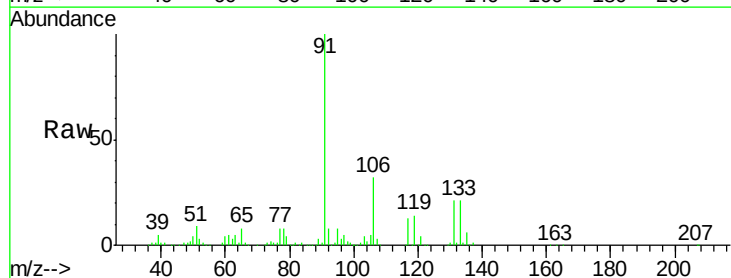
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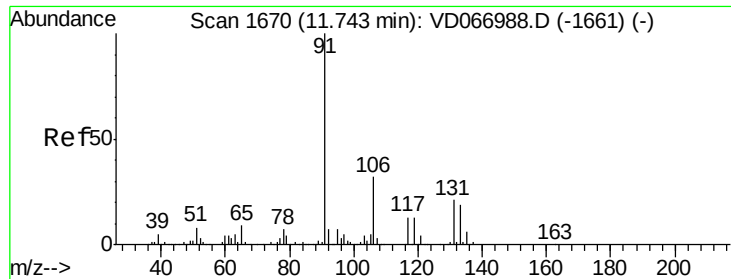
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.8	143.3
119	62.3	32.3	96.8





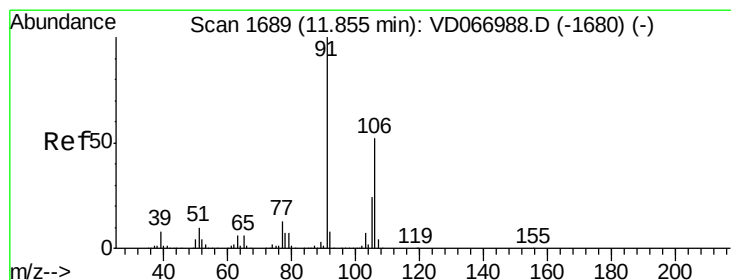
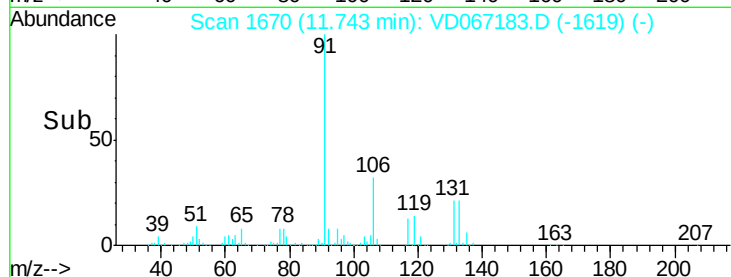
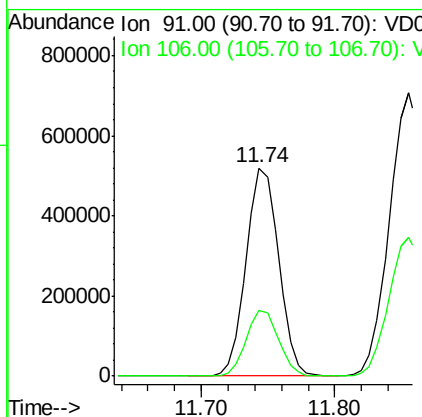
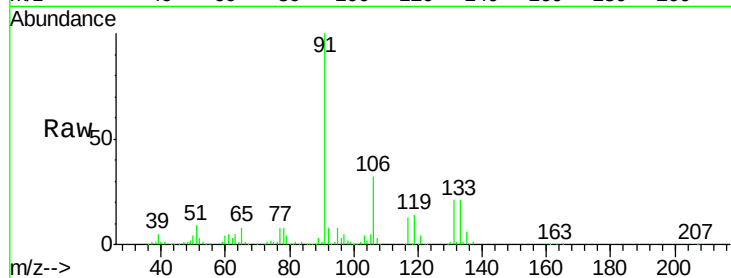
#67
Ethyl Benzene
Concen: 51.667 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 878055
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

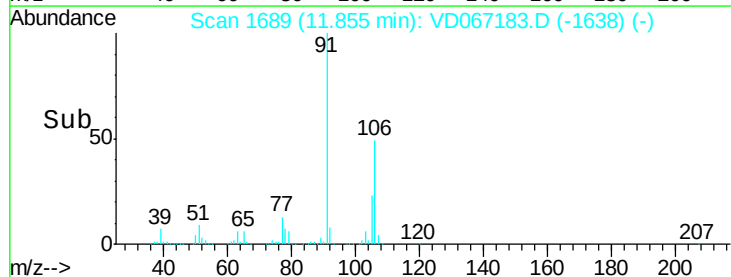
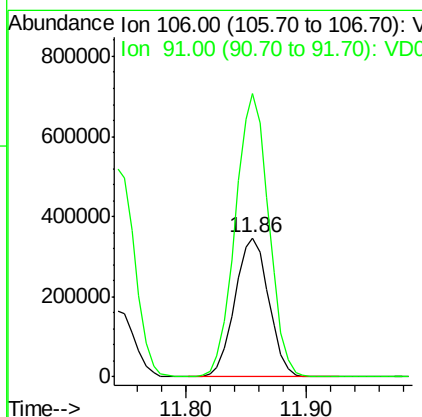
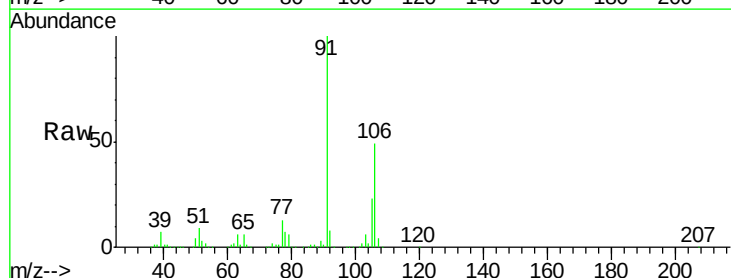
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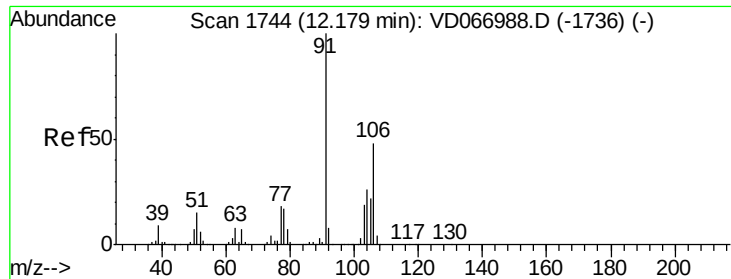
MMDadoda
10/9/2020 4:22:25 PM



#68
m/p-Xylenes
Concen: 101.993 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 106 Resp: 675497
Ion Ratio Lower Upper
106 100
91 201.1 158.4 237.6





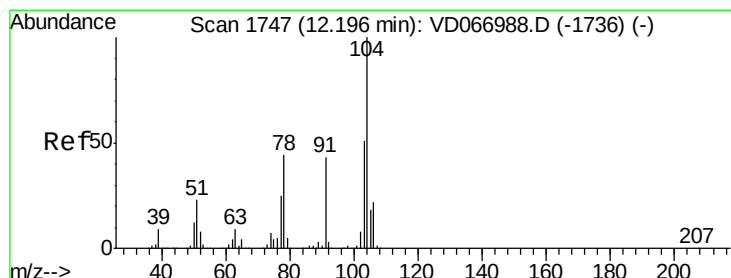
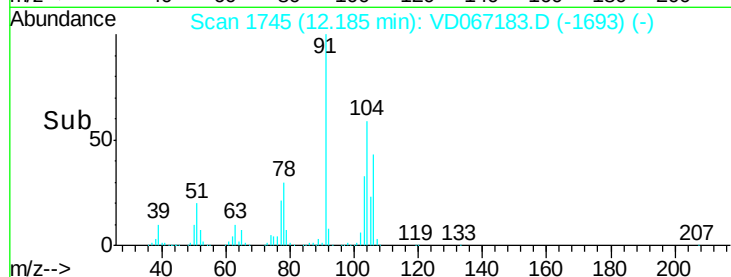
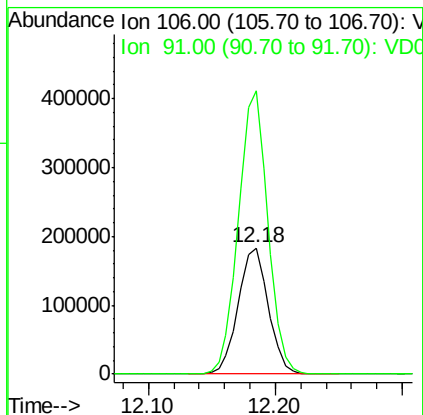
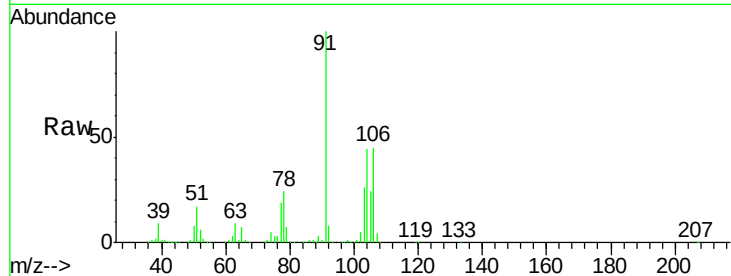
#69
o-Xylene
Concen: 51.173 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 303077
Ion Ratio Lower Upper
106 100
91 217.7 102.4 307.2

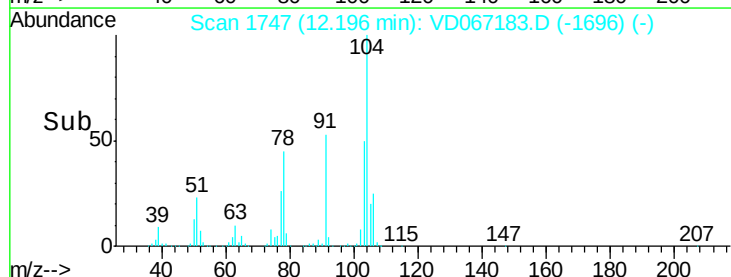
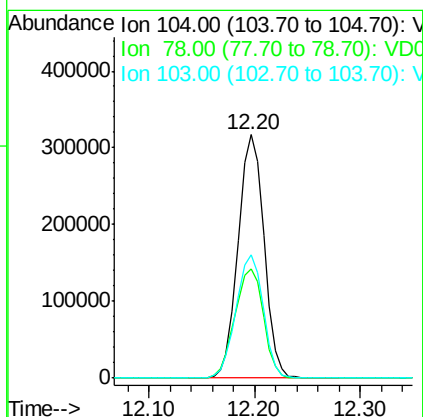
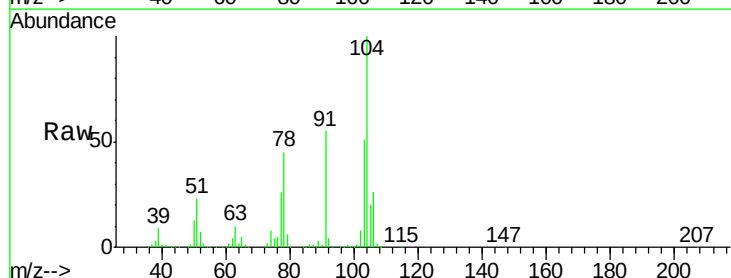
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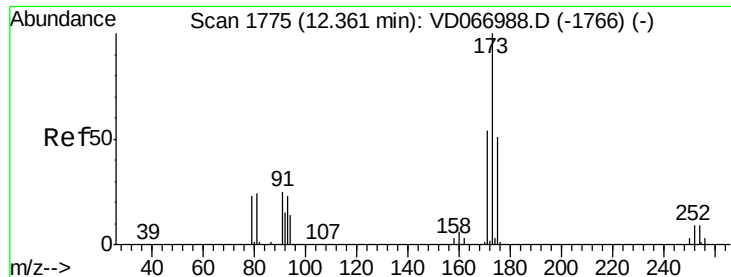
MMDadoda
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#70
Styrene
Concen: 52.935 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion:104 Resp: 538346
Ion Ratio Lower Upper
104 100
78 49.5 38.6 58.0
103 53.3 43.4 65.0





#71

Bromoform

Concen: 51.881 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

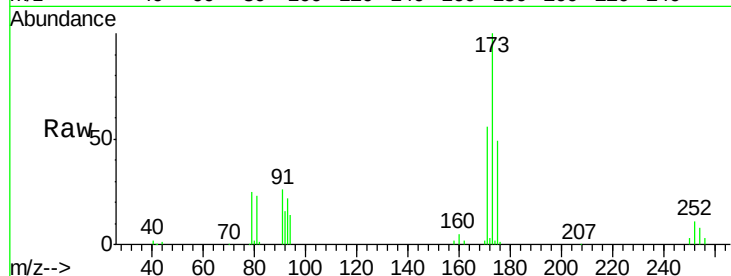
ClientSampleId :

VSTDCCC050

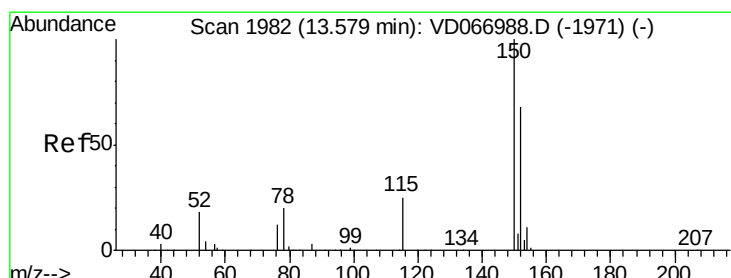
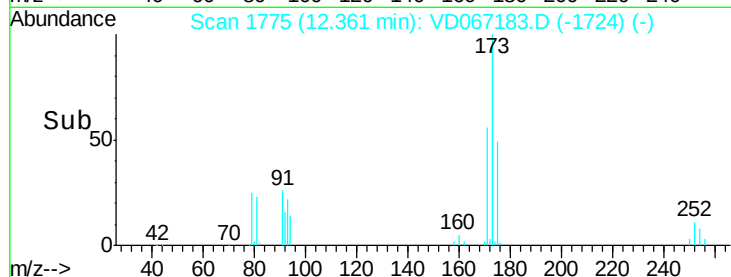
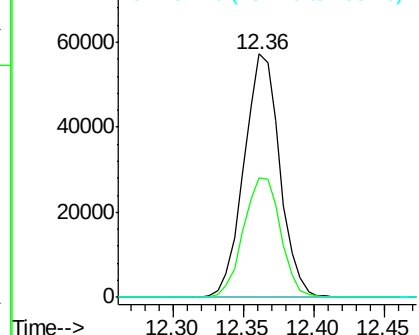
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.9	74.7
254	0.1	0.2	0.4

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

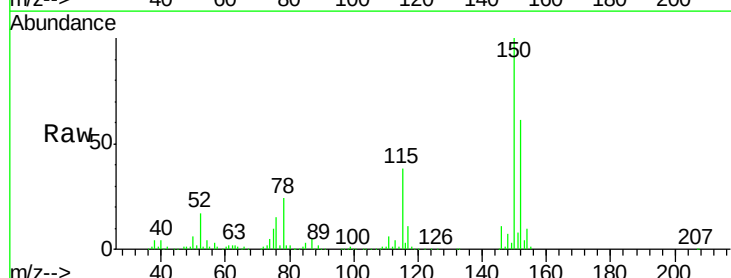
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

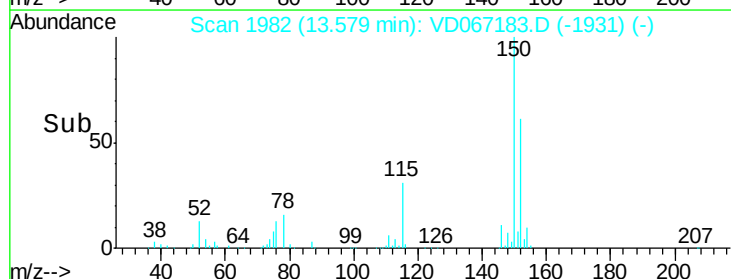
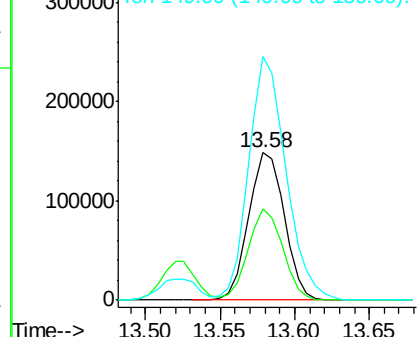
Lab File: VD067183.D

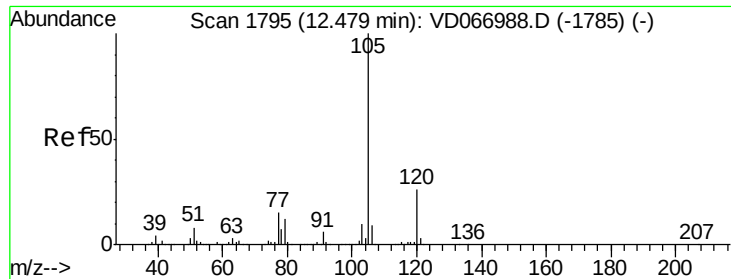
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.6	88.8
150	173.2	0.0	344.8



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





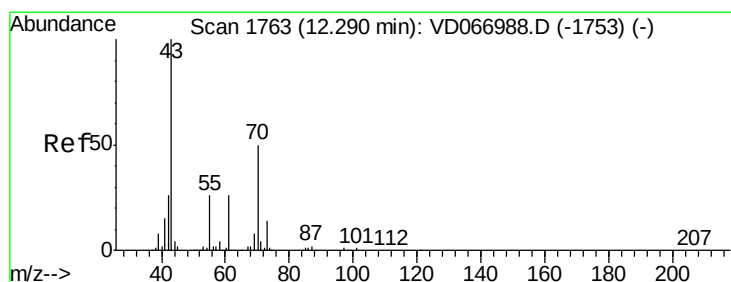
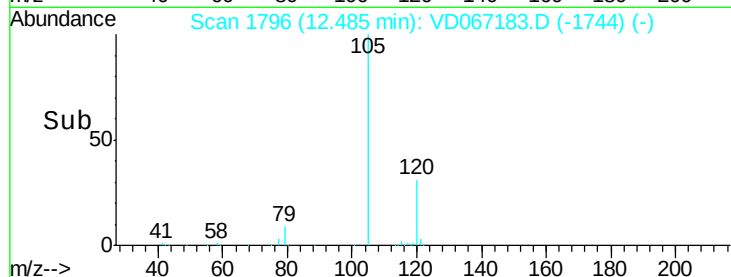
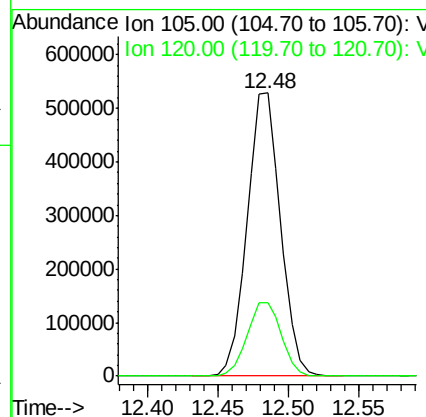
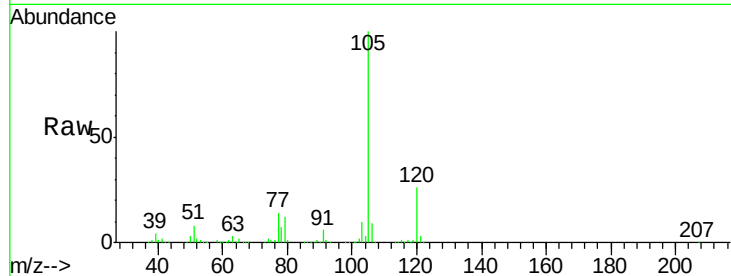
#73
Isopropylbenzene
Concen: 52.595 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 875041
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

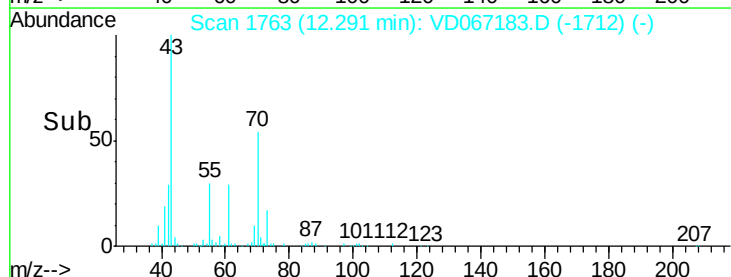
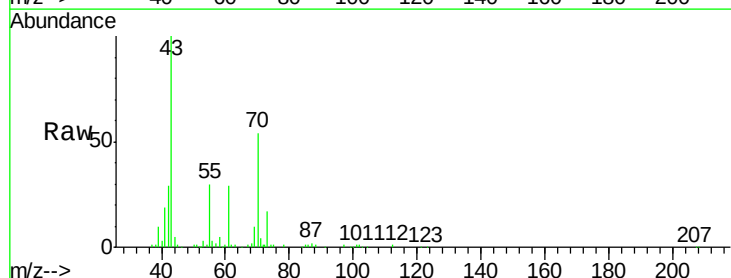
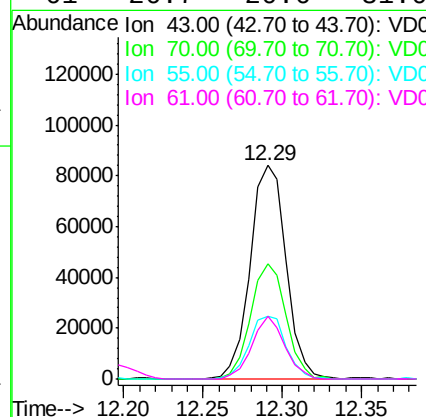
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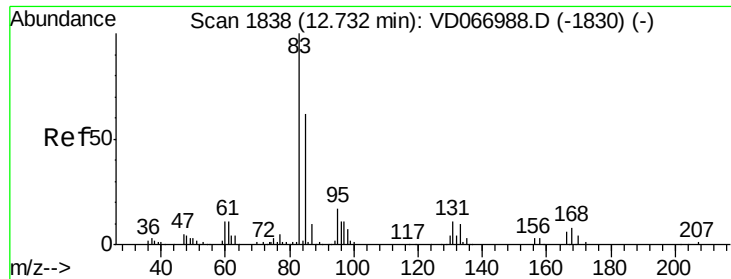
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#74
N-ethyl acetate
Concen: 44.354 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion: 43 Resp: 132657
Ion Ratio Lower Upper
43 100
70 53.2 38.2 57.2
55 30.5 22.4 33.6
61 26.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.016 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

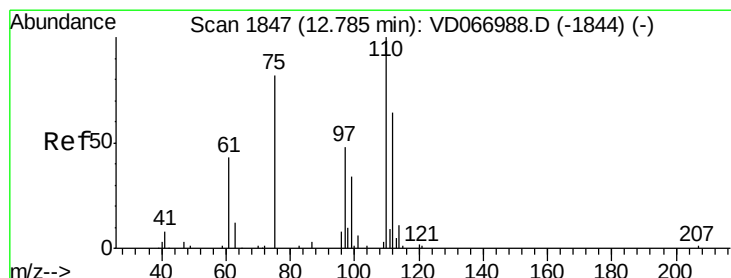
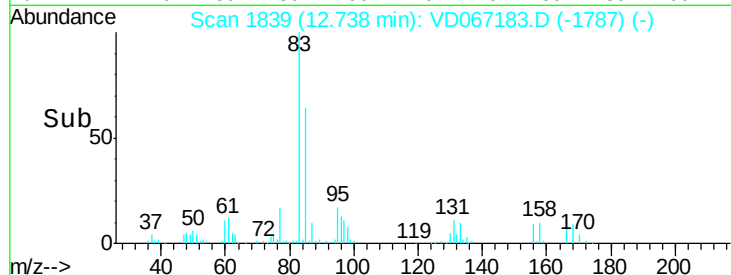
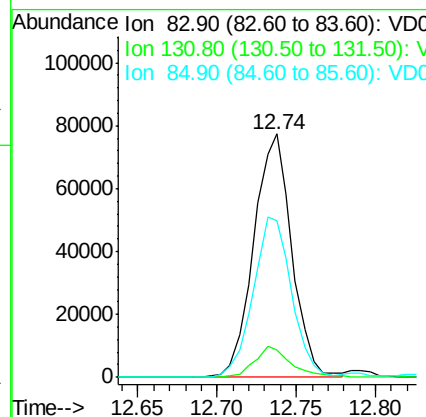
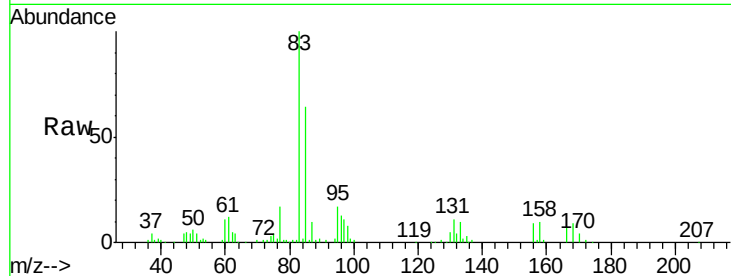
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	128991
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.7	17.0
85	66.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.638 ug/l m

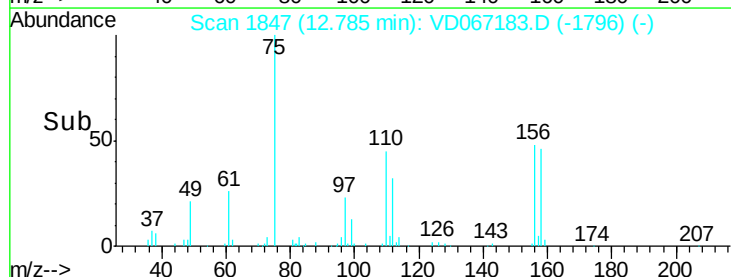
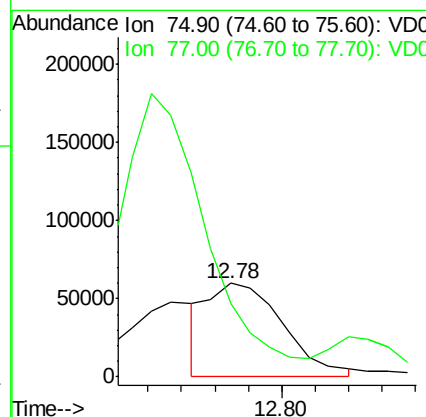
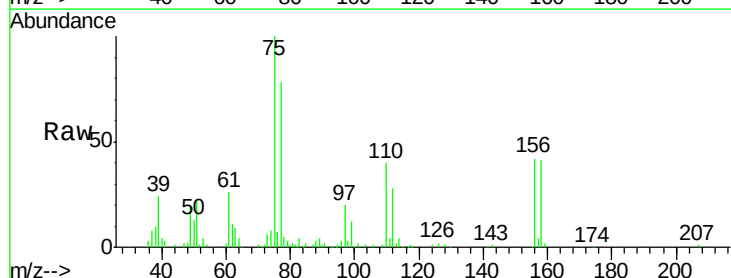
RT: 12.78 min Scan# 1847

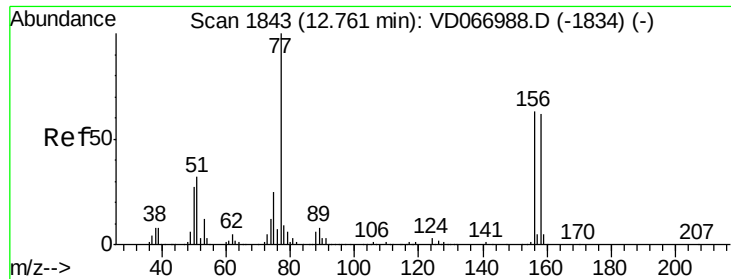
Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	75	Resp:	93134
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.183 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

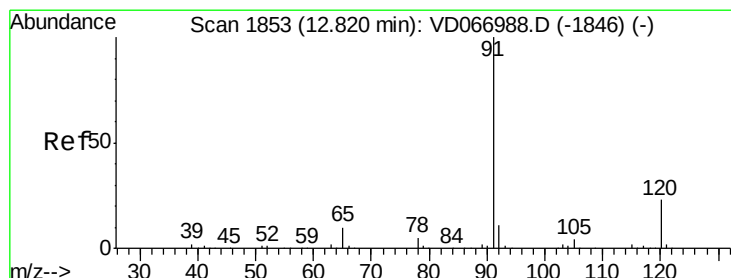
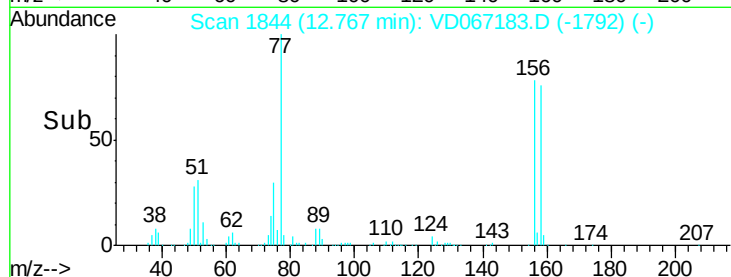
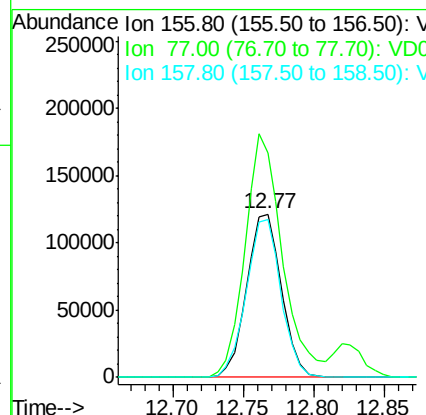
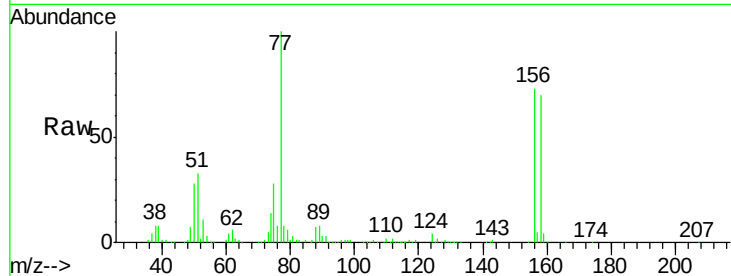
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	209636
Ion Ratio	Lower	Upper	
156	100		
77	160.6	86.3	258.8
158	96.8	49.5	148.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.914 ug/l

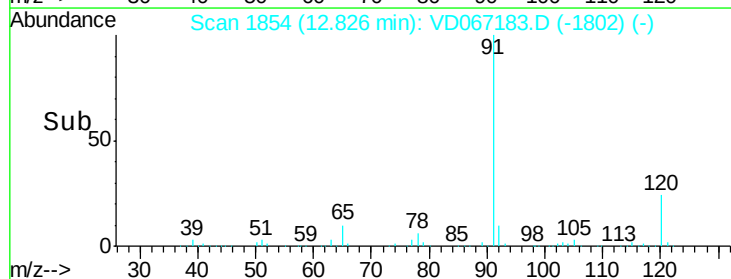
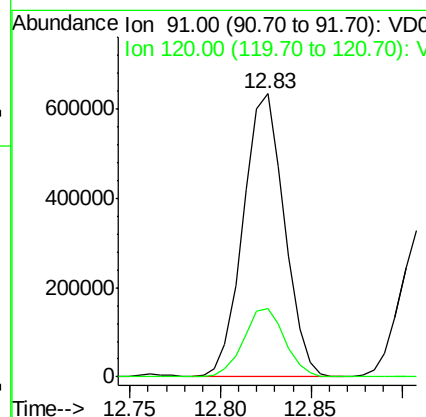
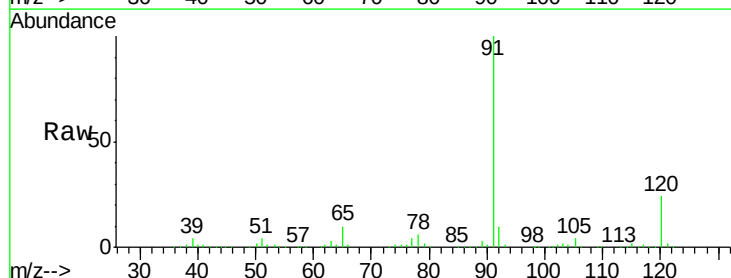
RT: 12.83 min Scan# 1854

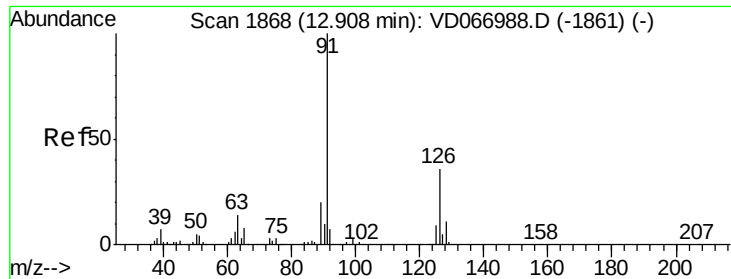
Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	91	Resp:	1001093
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.6	34.8





#79

2-Chlorotoluene

Concen: 50.218 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 564948

Ion Ratio Lower Upper

91 100

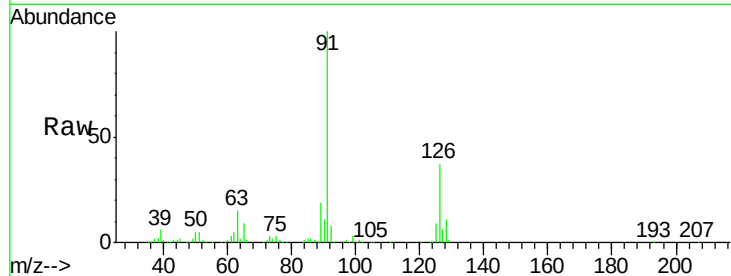
126 35.8 17.5 52.6

Manual Integrations

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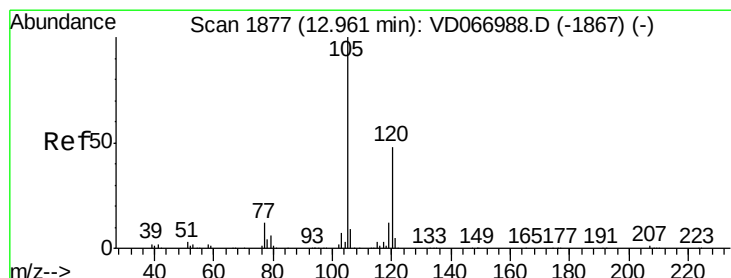
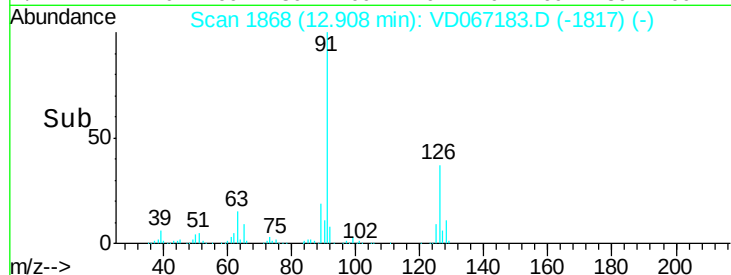
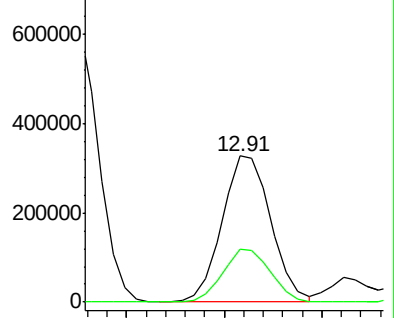
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.011 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067183.D

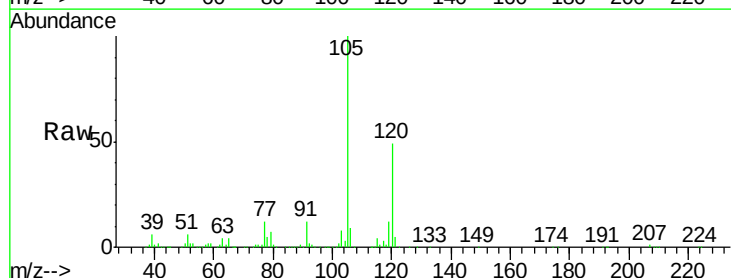
Acq: 08 Oct 2020 09:56

Tgt Ion:105 Resp: 745155

Ion Ratio Lower Upper

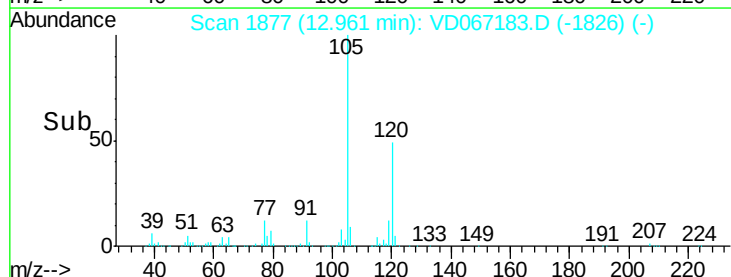
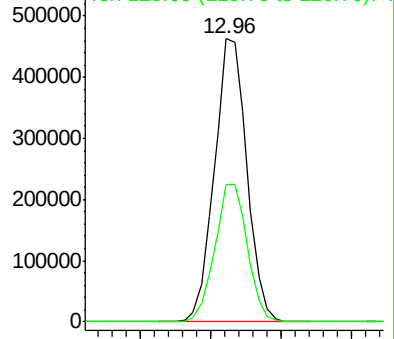
105 100

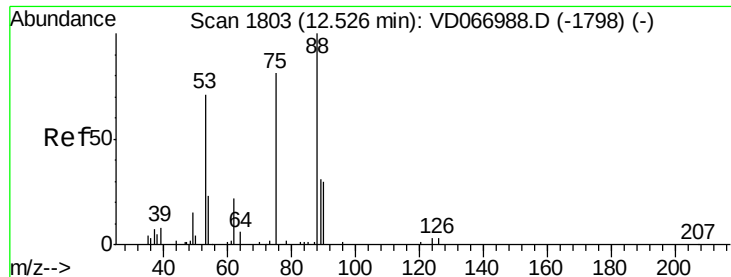
120 48.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066988.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.661 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

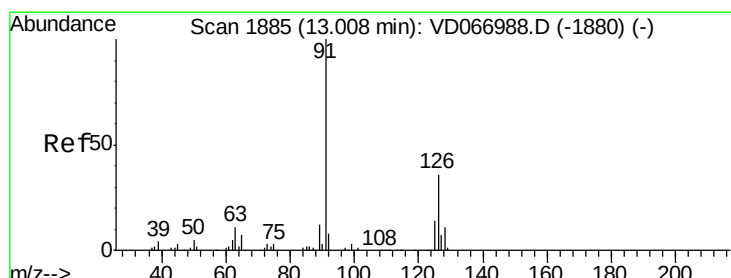
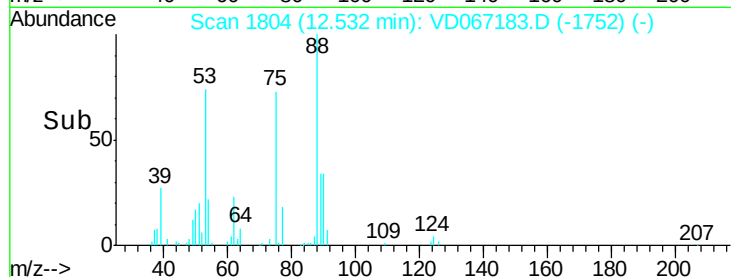
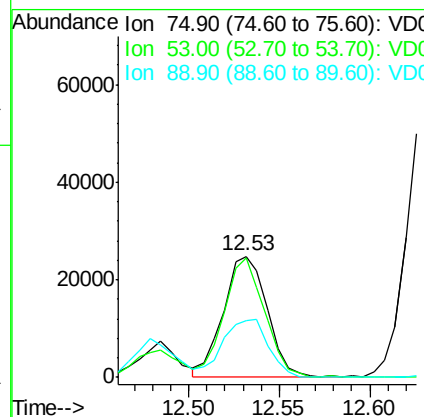
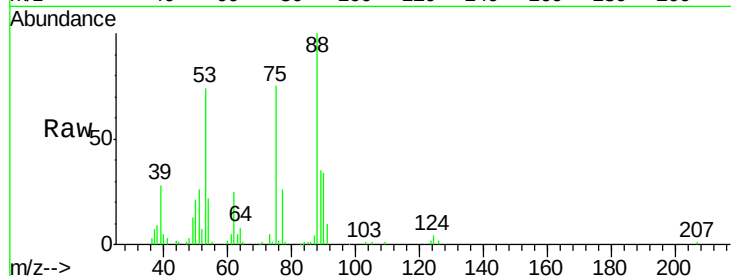
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	40800
Ion	Ratio	Lower	Upper
75	100		
53	93.5	73.8	110.6
89	51.4	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.783 ug/l

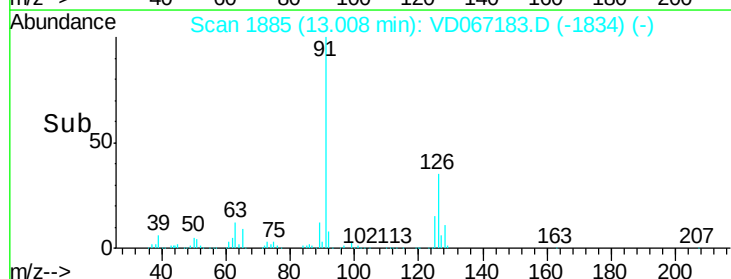
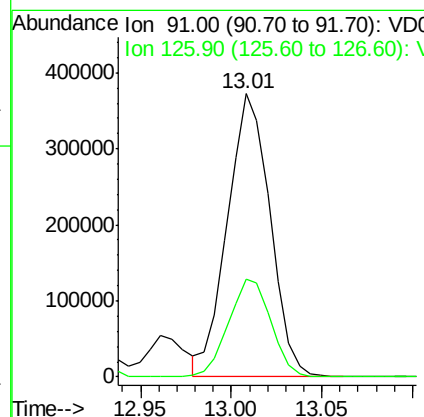
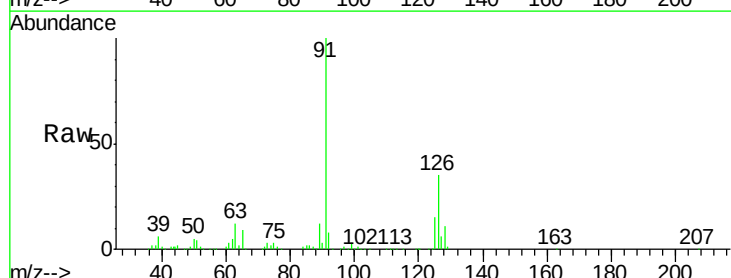
RT: 13.01 min Scan# 1885

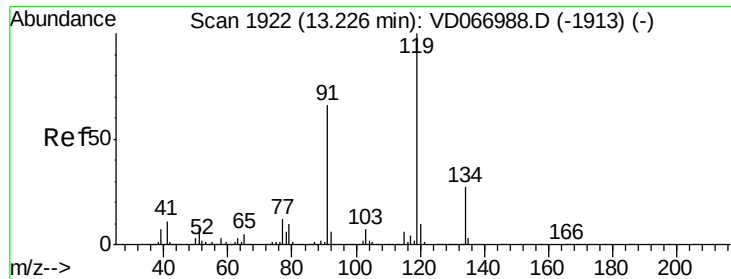
Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Tgt Ion:	91	Resp:	607838
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5





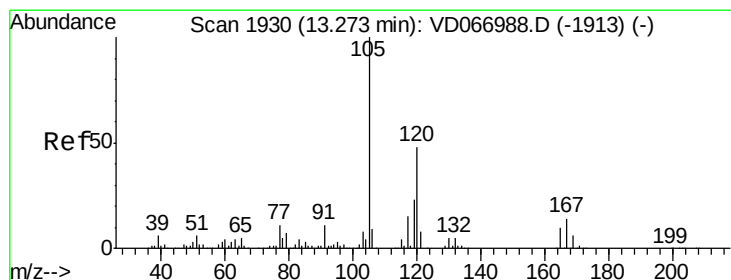
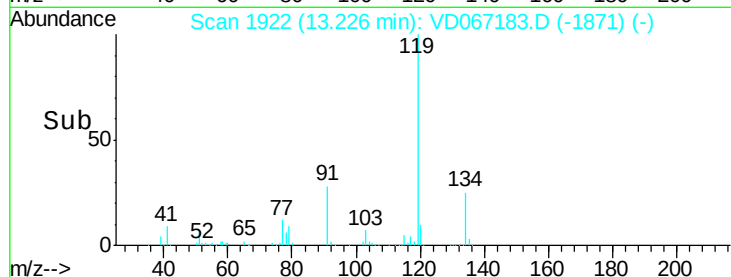
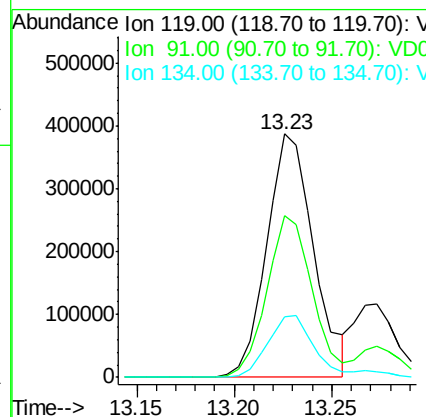
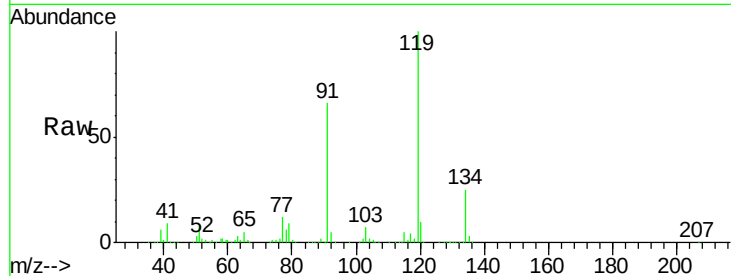
#83
 tert-Butylbenzene
 Concen: 54.405 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.8	98.3
134	26.5	13.9	41.7

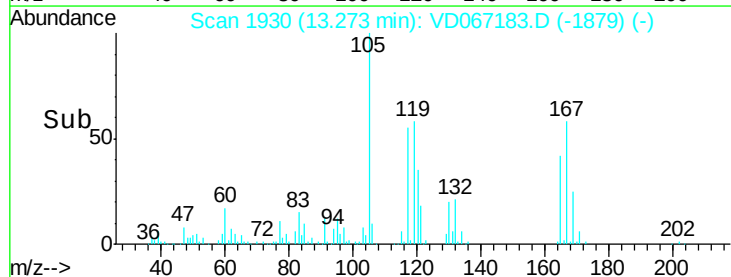
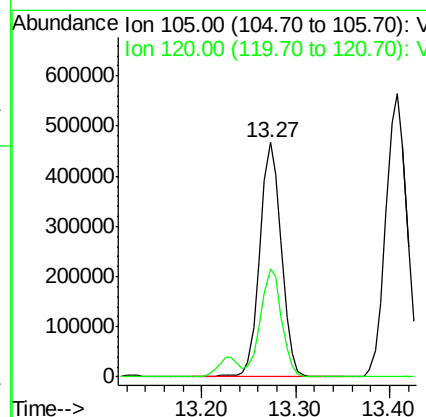
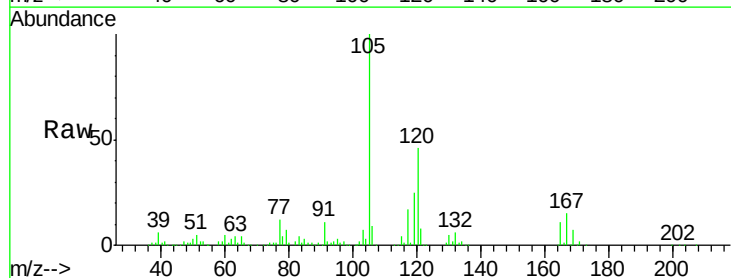
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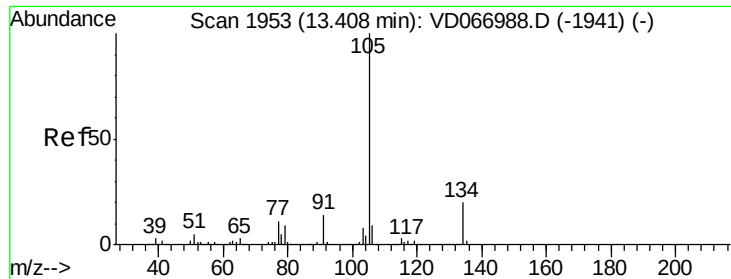
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.807 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.3	69.8





#85

sec-Butylbenzene

Concen: 52.628 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 877295

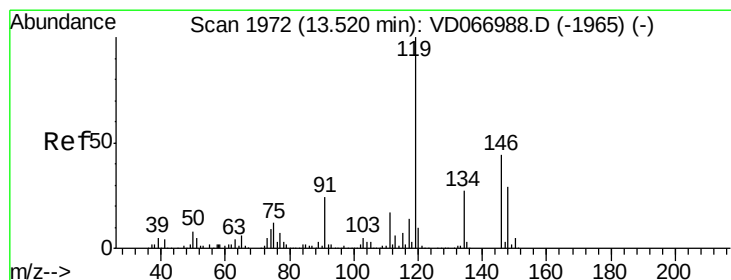
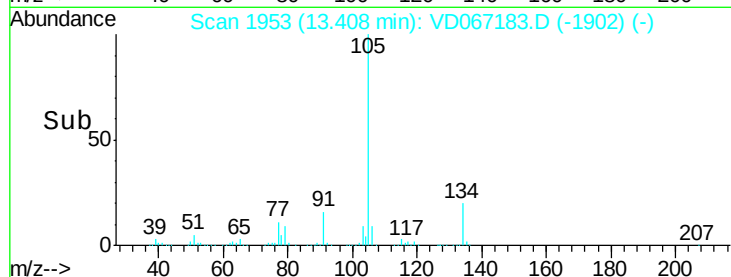
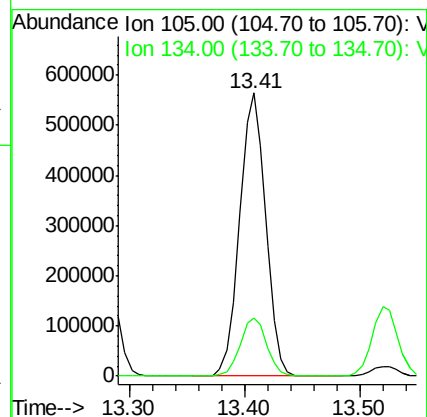
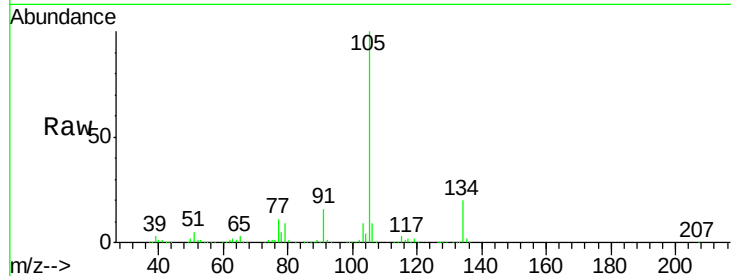
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 52.189 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067183.D

Acq: 08 Oct 2020 09:56

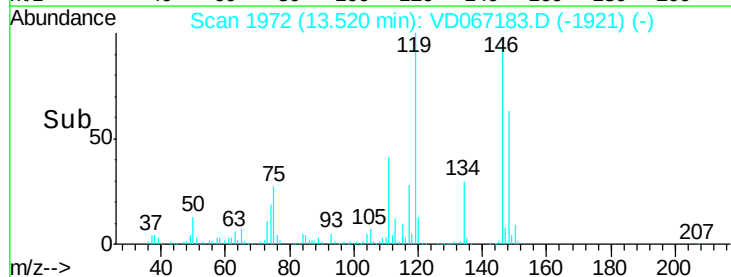
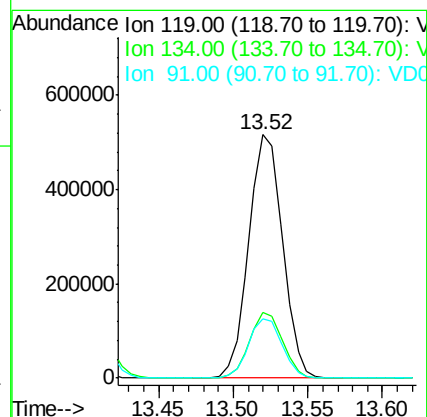
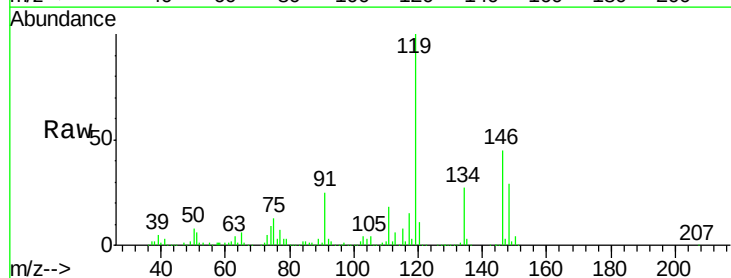
Tgt Ion:119 Resp: 806560

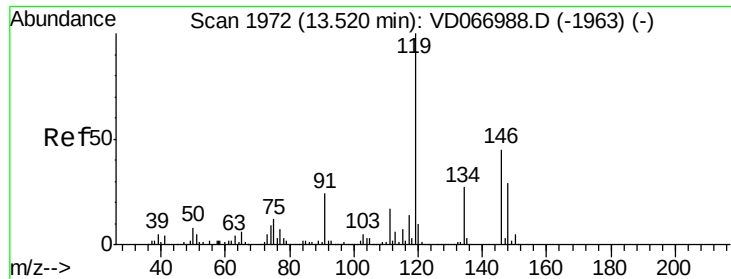
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 24.3 11.7 35.1





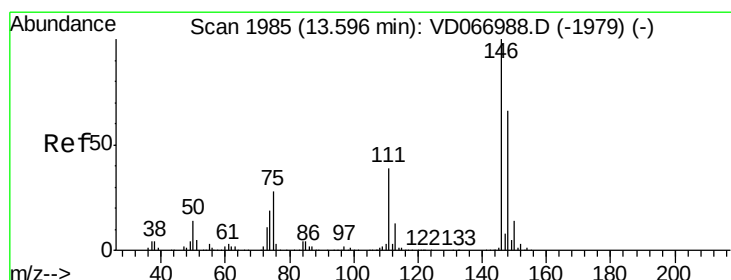
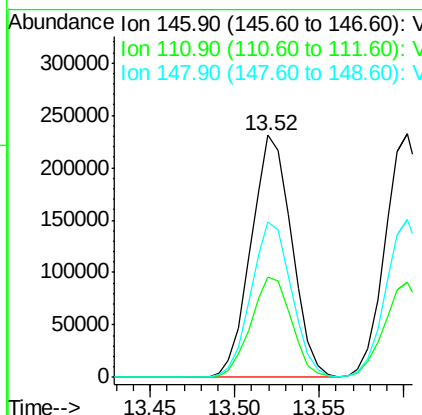
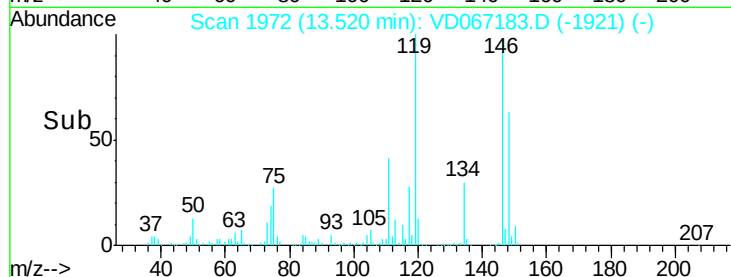
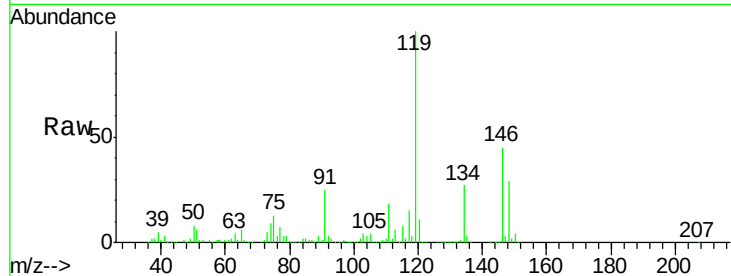
#87
 1,3-Dichlorobenzene
 Concen: 49.512 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	387432		
111	41.5	20.0	60.0	
148	64.0	31.9	95.9	

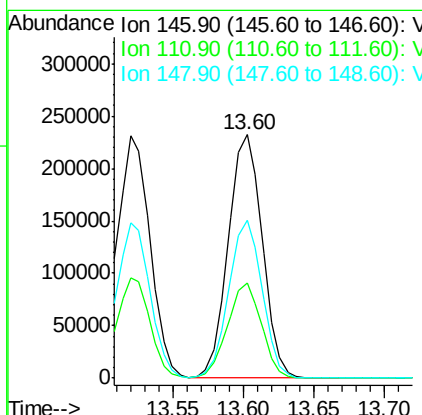
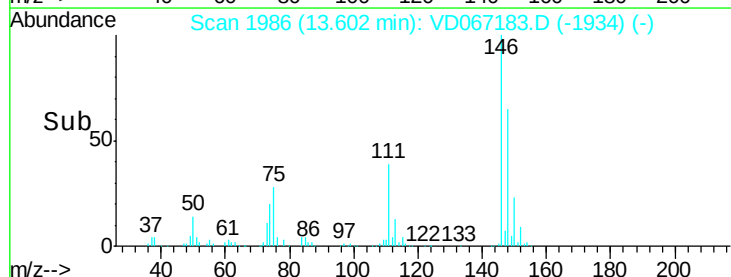
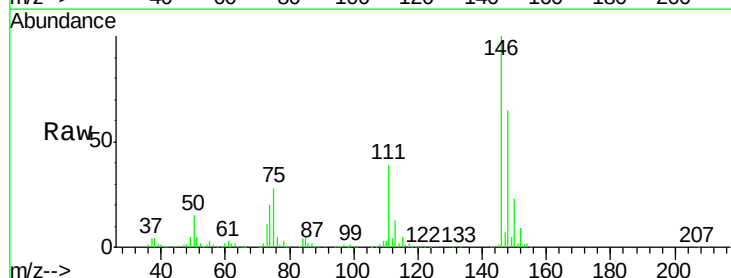
Manual Integrations
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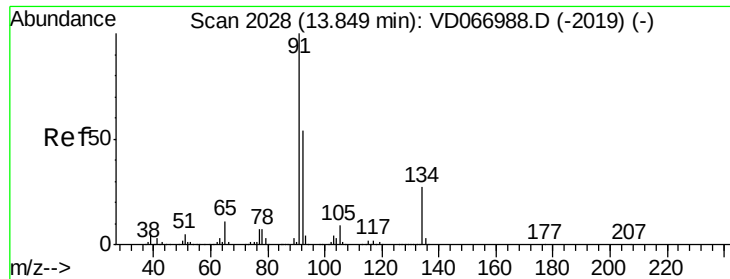
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#88
 1,4-Dichlorobenzene
 Concen: 49.809 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389720		
111	39.1	19.6	58.7	
148	63.9	32.6	97.7	





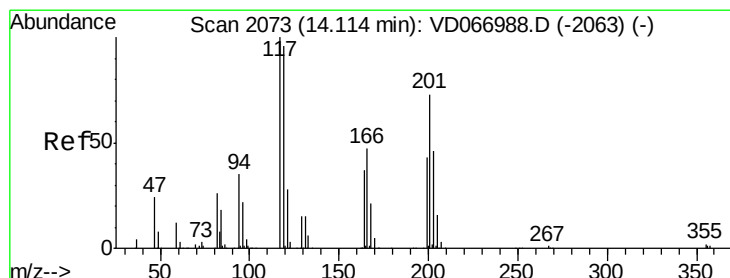
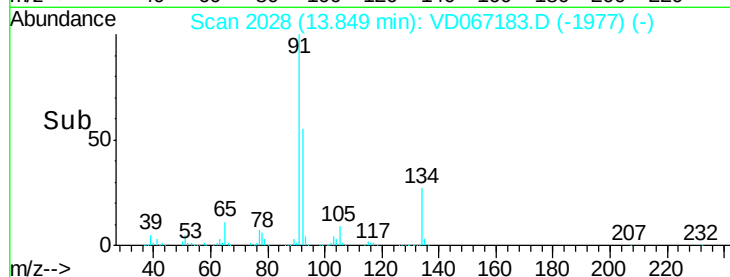
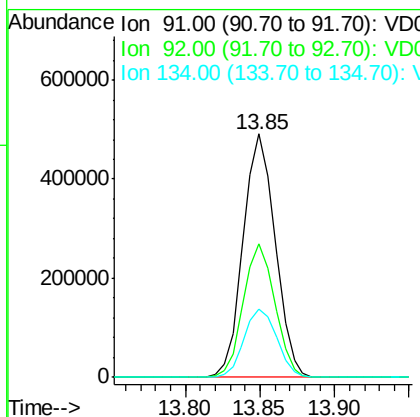
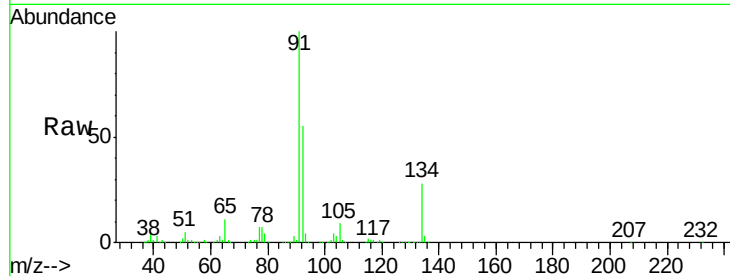
#89
n-Butylbenzene
Concen: 51.909 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.1	81.2
134	28.5	13.6	40.8

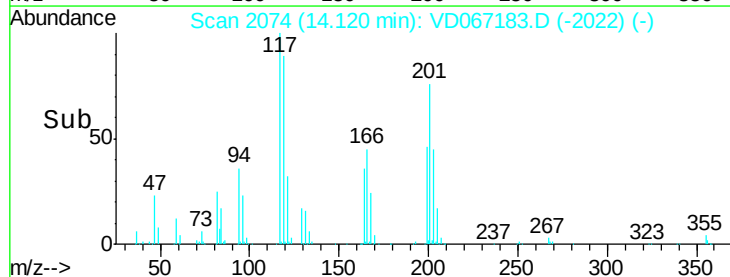
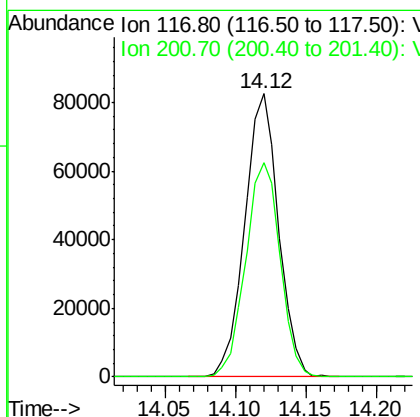
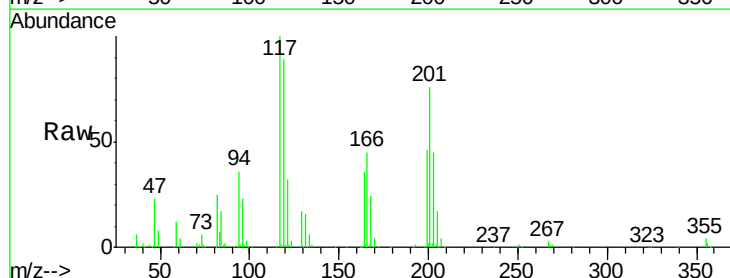
Manual Integrations
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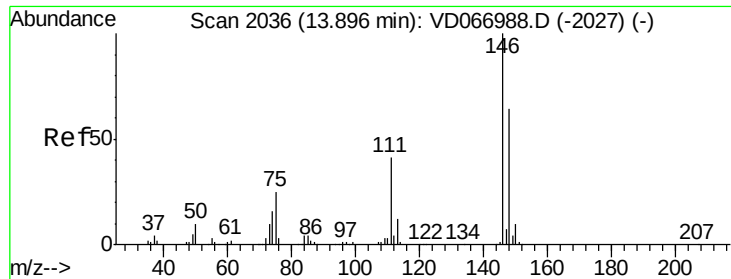
MMDadoda
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#90
Hexachloroethane
Concen: 51.188 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.4	37.0	110.9





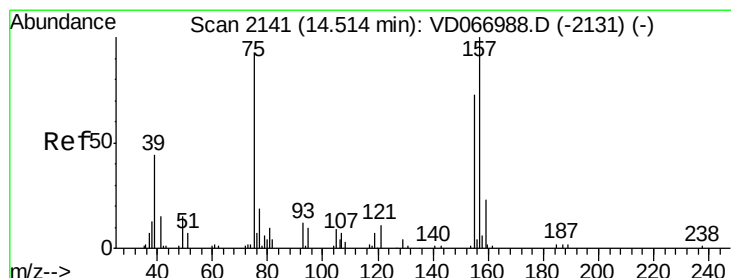
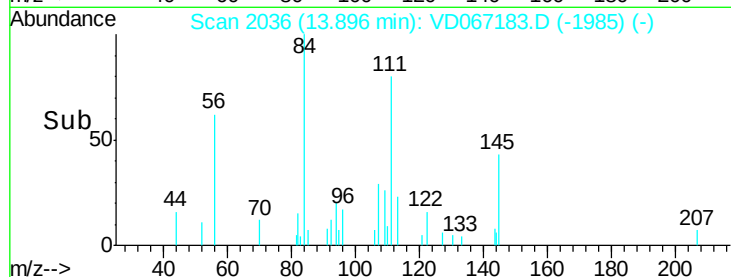
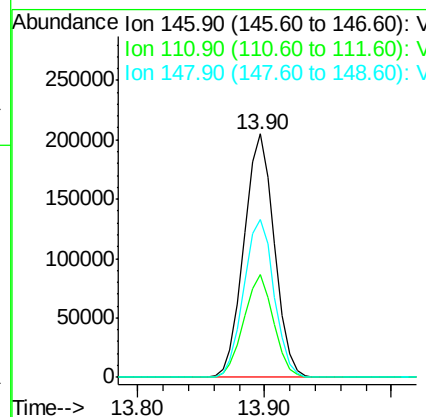
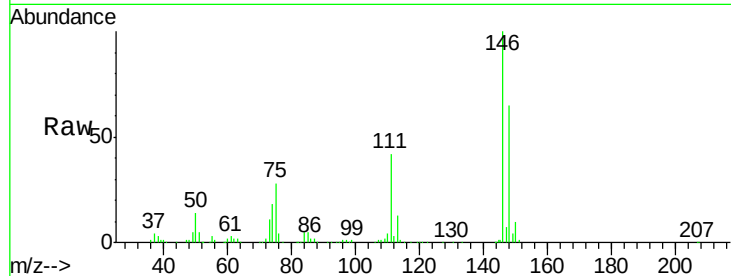
#91
 1,2-Dichlorobenzene
 Concen: 49.726 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	20.9	62.7	
148	64.7	32.3	96.9	

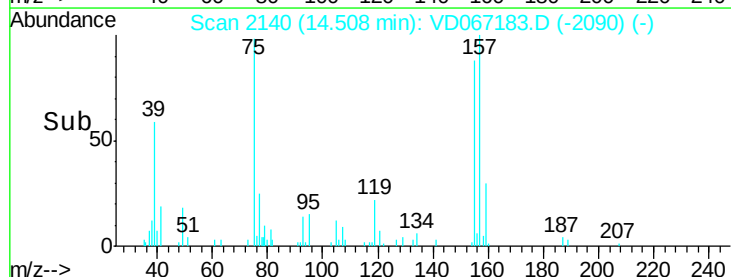
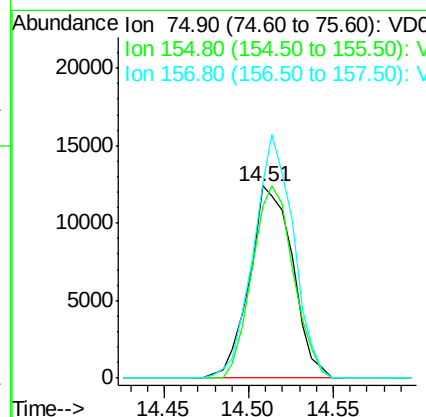
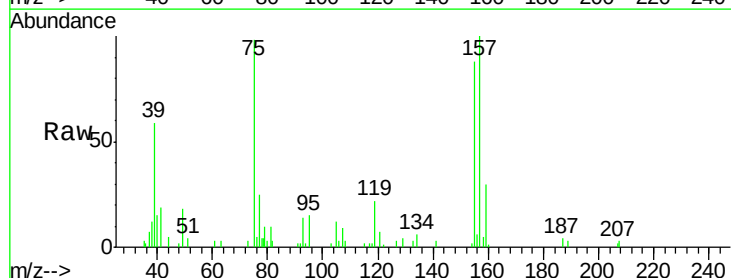
Manual Integrations
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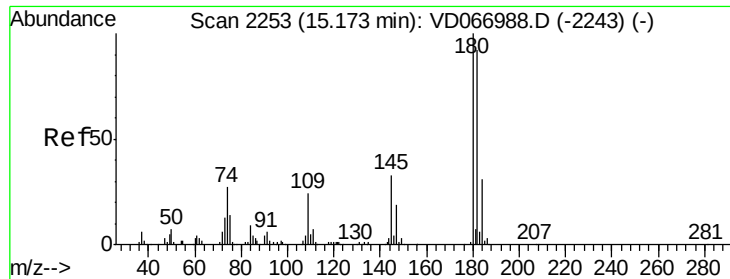
MMDadoda
 10/9/2020 4:22:25 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.793 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	95.3	45.2	135.6	
157	116.7	56.3	168.8	





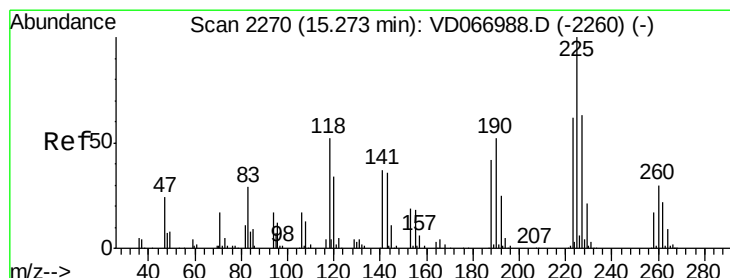
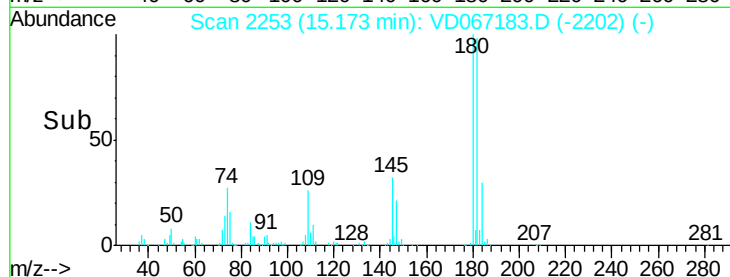
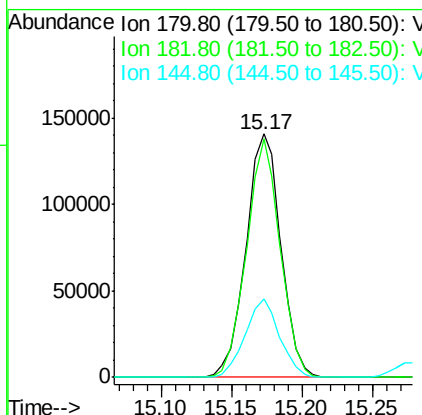
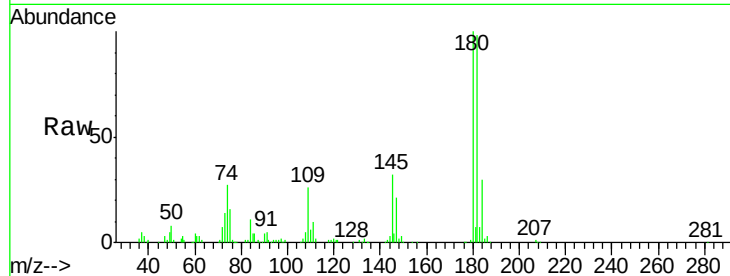
#93
 1,2,4-Trichlorobenzene
 Concen: 55.323 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244551		
182	94.4	47.3	142.0	
145	31.8	16.4	49.1	

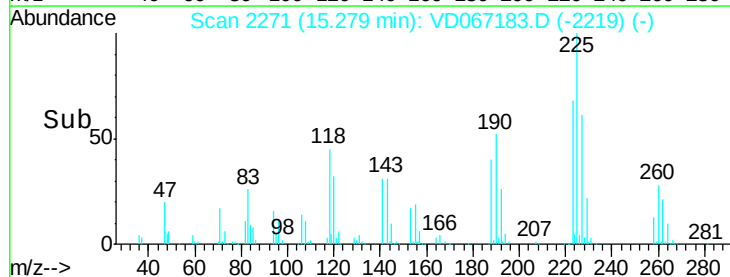
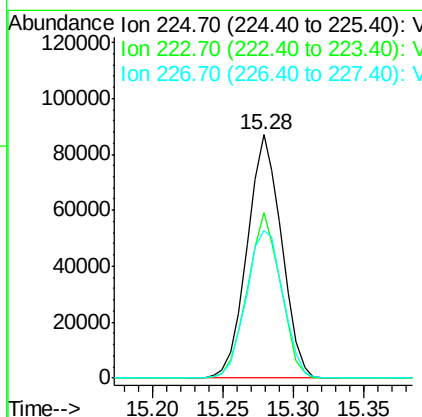
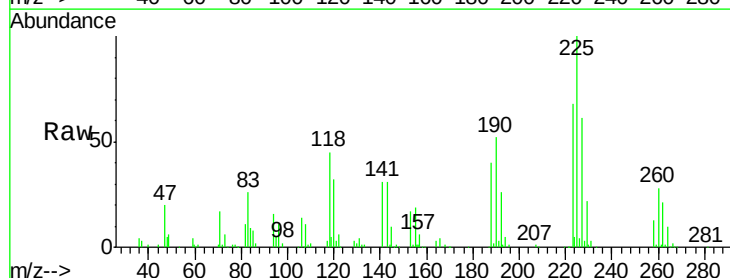
Manual Integrations
 APPROVED

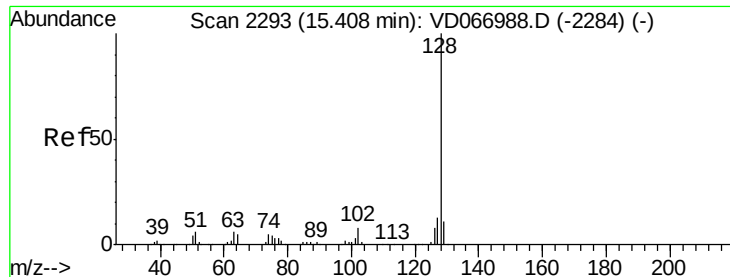
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 54.748 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067183.D
 Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148625		
223	65.4	32.4	97.0	
227	64.7	31.6	95.0	





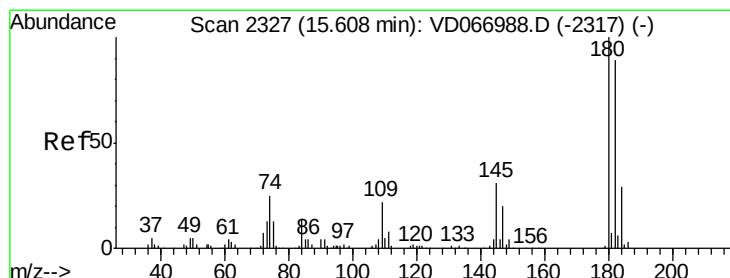
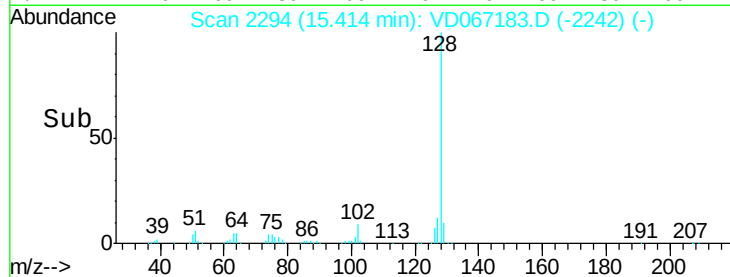
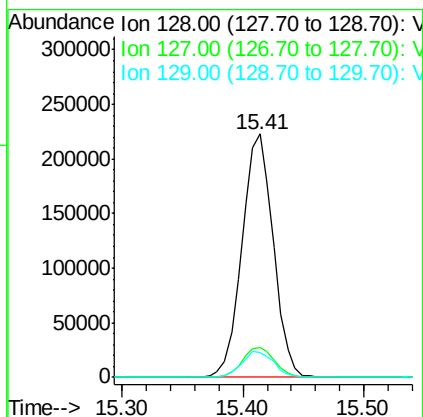
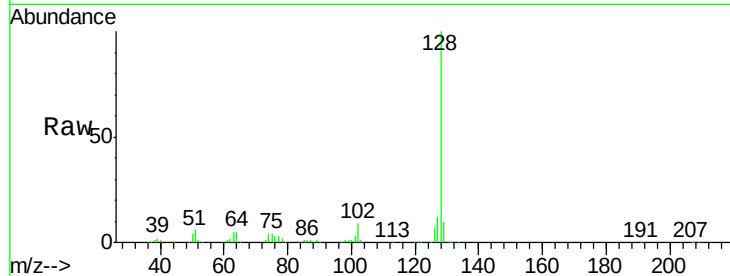
#95
Naphthalene
Concen: 54.526 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/9/2020 4:22:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.826 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067183.D
Acq: 08 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	46.4	139.1
145	34.4	16.6	49.7

