

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067244.D
 Acq On : 13 Oct 2020 10:55
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:10:07 PM

Quant Time: Oct 13 12:35:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 12:22:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	327941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	492357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	459564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	36049	10.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.40%	
35) Dibromofluoromethane	7.91	113	34892	10.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.28%	
50) Toluene-d8	10.34	98	127658	10.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.36%	
62) 4-Bromofluorobenzene	12.64	95	45176	10.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	35797	11.122	ug/l	98
3) Chloromethane	2.21	50	22009	10.196	ug/l	97
4) Vinyl Chloride	2.35	62	25340	10.620	ug/l	99
5) Bromomethane	2.77	94	19941	10.664	ug/l	87
6) Chloroethane	2.92	64	15819	10.593	ug/l	91
7) Trichlorofluoromethane	3.27	101	64108	10.692	ug/l	98
8) Diethyl Ether	3.71	74	13963	10.451	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.10	101	33809	10.617	ug/l	100
10) Methyl Iodide	4.30	142	25093	9.537	ug/l	96
11) Tert butyl alcohol	5.20	59	14903m	52.814	ug/l	
12) 1,1-Dichloroethene	4.06	96	29534	10.546	ug/l	92
13) Acrolein	3.93	56	6535	43.101	ug/l	94
14) Allyl chloride	4.71	41	30844	9.872	ug/l	98
15) Acrylonitrile	5.42	53	23703	53.782	ug/l #	89
16) Acetone	4.16	43	25126	53.014	ug/l #	86
17) Carbon Disulfide	4.41	76	82619	10.331	ug/l	99
18) Methyl Acetate	4.72	43	10571	9.713	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	55204	10.229	ug/l	94
20) Methylene Chloride	4.96	84	42207	11.064	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	34128	10.653	ug/l	90
22) Diisopropyl ether	6.36	45	59282	10.291	ug/l #	88
23) Vinyl Acetate	6.31	43	159450	51.011	ug/l	97
24) 1,1-Dichloroethane	6.27	63	53542	10.668	ug/l	98
25) 2-Butanone	7.21	43	27475	51.600	ug/l	93
26) 2,2-Dichloropropane	7.21	77	55953	10.679	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	36682	10.430	ug/l	96
28) Bromochloromethane	7.55	49	16099	9.615	ug/l #	99
29) Tetrahydrofuran	7.57	42	15572	53.066	ug/l	98
30) Chloroform	7.71	83	63853	10.608	ug/l	96
31) Cyclohexane	7.99	56	40916	10.151	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	60931	10.314	ug/l	95
36) 1,1-Dichloropropene	8.11	75	45684	10.606	ug/l	100
37) Ethyl Acetate	7.30	43	13039	10.442	ug/l	96
38) Carbon Tetrachloride	8.10	117	57097	10.340	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	47328	10.717	ug/l	98
40) Benzene	8.36	78	124833	10.518	ug/l	99
41) Methacrylonitrile	7.52	41	6703	12.581	ug/l	89
42) 1,2-Dichloroethane	8.43	62	37547	10.126	ug/l	97
43) Isopropyl Acetate	8.46	43	25770	10.532	ug/l #	96
44) Trichloroethene	9.11	130	39834	10.504	ug/l	95
45) 1,2-Dichloropropane	9.39	63	28090	10.307	ug/l	99
46) Dibromomethane	9.48	93	17610	10.263	ug/l	99
47) Bromodichloromethane	9.66	83	48786	10.736	ug/l	93
48) Methyl methacrylate	9.46	41	13289	11.148	ug/l	92
49) 1,4-Dioxane	9.46	88	3491	191.805	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	65938	53.105	ug/l	94
52) Toluene	10.40	92	84497	10.517	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	42342	10.712	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	47479	10.253	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	25556	10.847	ug/l	91
56) Ethyl methacrylate	10.66	69	23504	10.210	ug/l	95
57) 1,3-Dichloropropane	10.95	76	38460	10.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	57996	48.911	ug/l	99
59) 2-Hexanone	10.98	43	43096	51.543	ug/l	100
60) Dibromochloromethane	11.14	129	34717	10.202	ug/l	96
61) 1,2-Dibromoethane	11.25	107	23977	10.453	ug/l	99
64) Tetrachloroethene	10.88	164	37029	10.573	ug/l	89
65) Chlorobenzene	11.67	112	95468	10.444	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	37762	10.403	ug/l	96
67) Ethyl Benzene	11.75	91	160223	10.418	ug/l	97
68) m/p-Xylenes	11.86	106	126350	21.145	ug/l	97
69) o-Xylene	12.18	106	58266	10.546	ug/l	90
70) Styrene	12.20	104	97972	10.320	ug/l	99
71) Bromoform	12.37	173	20946	10.790	ug/l #	96
73) Isopropylbenzene	12.48	105	156116	10.316	ug/l	99
74) N-amyl acetate	12.30	43	23484	10.419	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	24783	10.476	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	16208m	9.576	ug/l	
77) Bromobenzene	12.77	156	39364	10.219	ug/l	97
78) n-propylbenzene	12.83	91	180572	10.146	ug/l	99
79) 2-Chlorotoluene	12.91	91	107016	10.315	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	134807	10.124	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.53	75	7875	10.806	ug/l	95
82) 4-Chlorotoluene	13.01	91	115441	10.426	ug/l	100
83) tert-Butylbenzene	13.23	119	113121	10.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	135192	10.318	ug/l	98
85) sec-Butylbenzene	13.41	105	158646	10.290	ug/l	100
86) p-Isopropyltoluene	13.52	119	150382	10.320	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	79379	10.525	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	78105	10.560	ug/l	97
89) n-Butylbenzene	13.85	91	130640	10.275	ug/l	97
90) Hexachloroethane	14.12	117	26251	10.384	ug/l	91
91) 1,2-Dichlorobenzene	13.90	146	70268	10.770	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4830	11.334	ug/l	86

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VSTDICC010

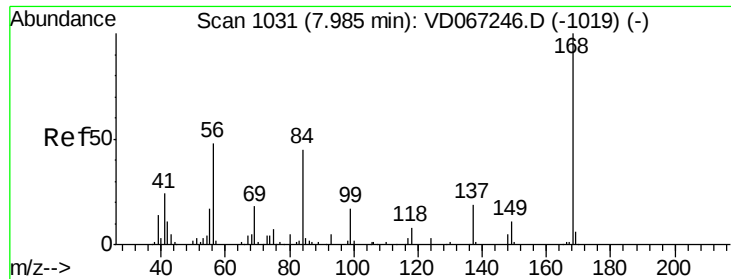
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	43208	10.178	ug/l	98
94) Hexachlorobutadiene	15.28	225	27857	10.455	ug/l	95
95) Naphthalene	15.41	128	65884	9.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	36779	10.089	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 327941

Ion Ratio Lower Upper

168 100

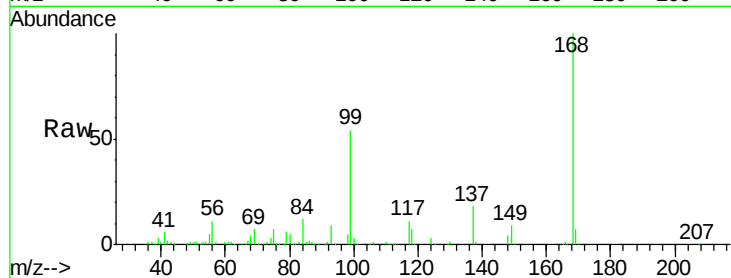
99 53.6 45.9 68.9

Manual Integrations

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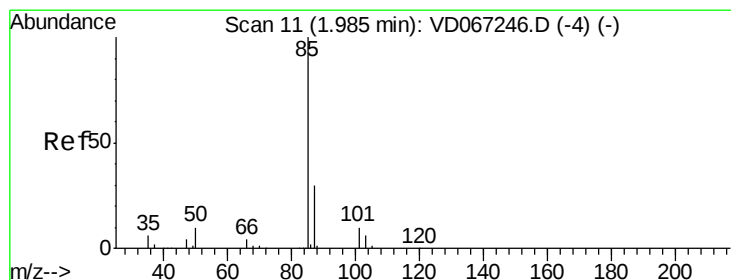
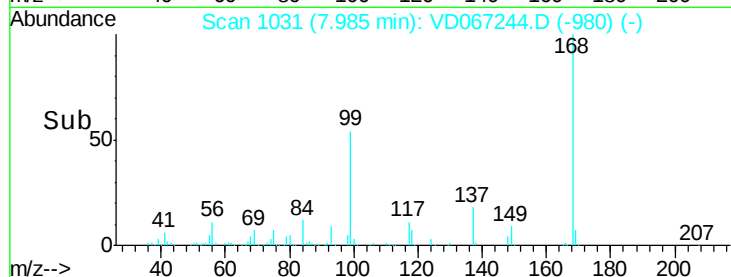
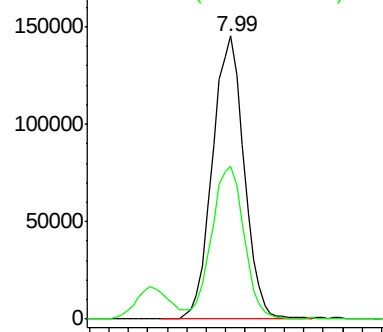
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 11.122 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067244.D

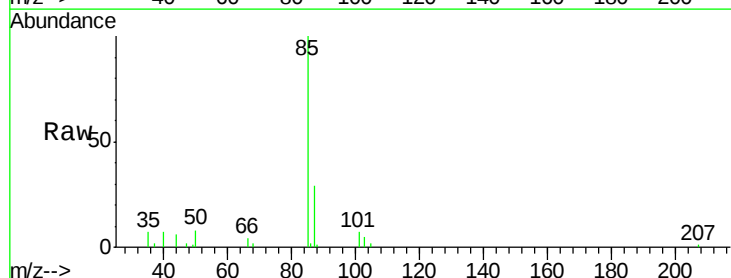
Acq: 13 Oct 2020 10:55

Tgt Ion: 85 Resp: 35797

Ion Ratio Lower Upper

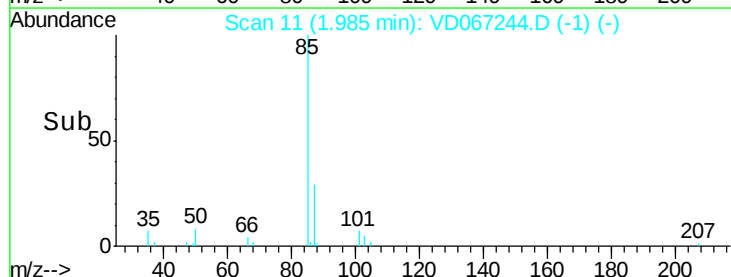
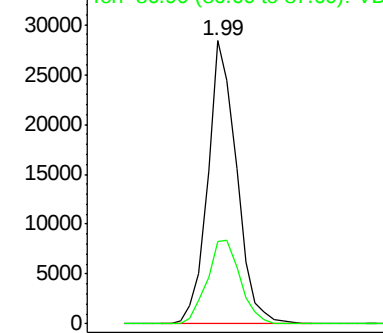
85 100

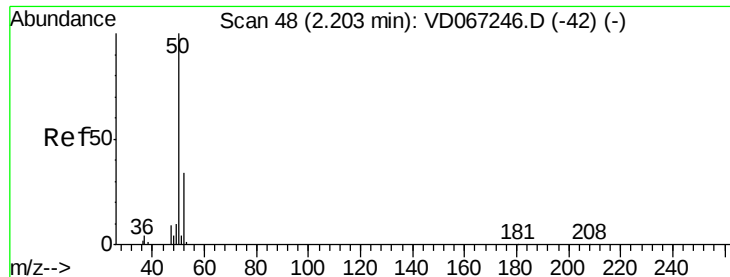
87 29.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 10.196 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 22009

Ion Ratio Lower Upper

50 100

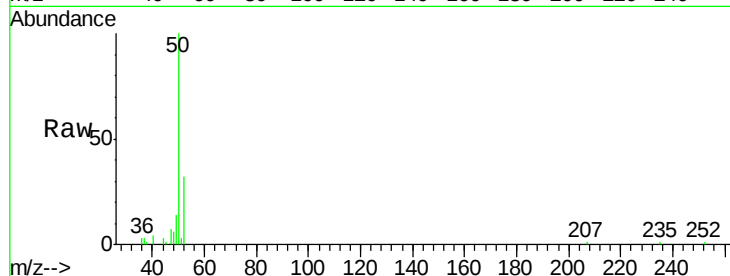
52 32.2 27.1 40.7

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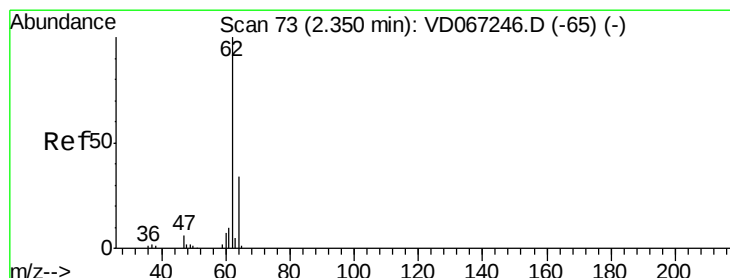
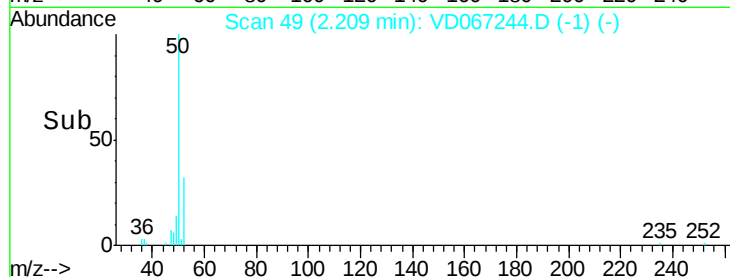
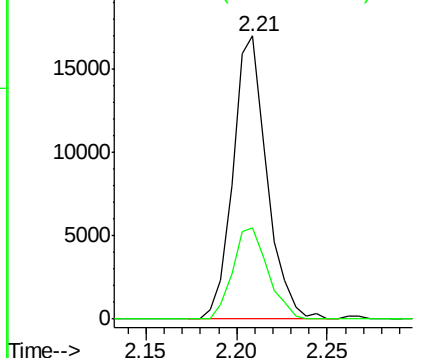
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 10.620 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067244.D

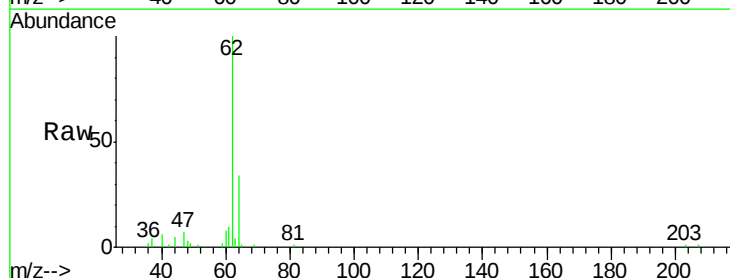
Acq: 13 Oct 2020 10:55

Tgt Ion: 62 Resp: 25340

Ion Ratio Lower Upper

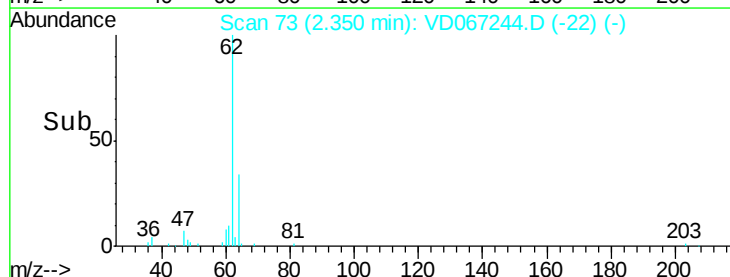
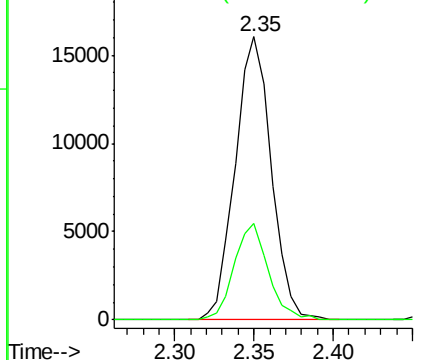
62 100

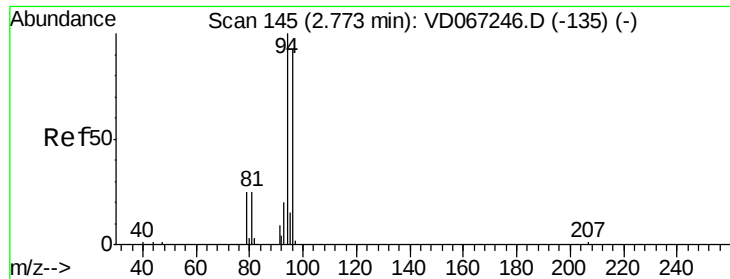
64 33.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.664 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 19941

Ion Ratio Lower Upper

94 100

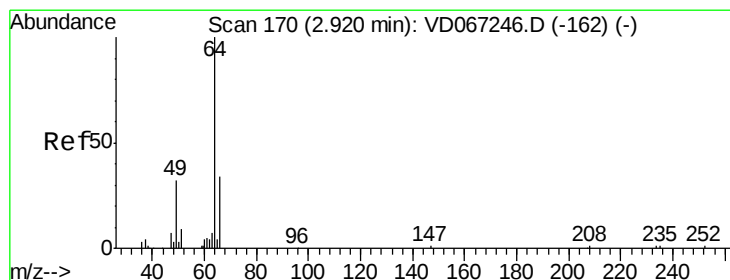
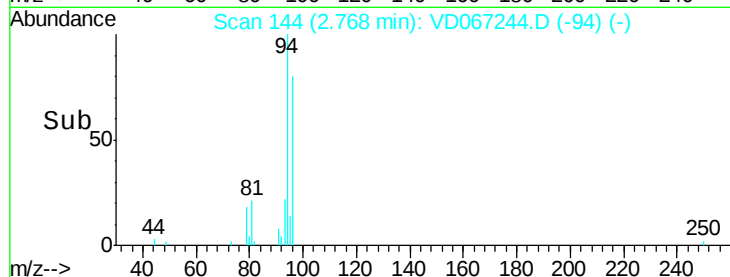
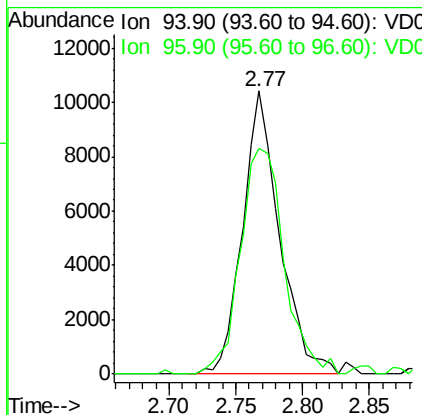
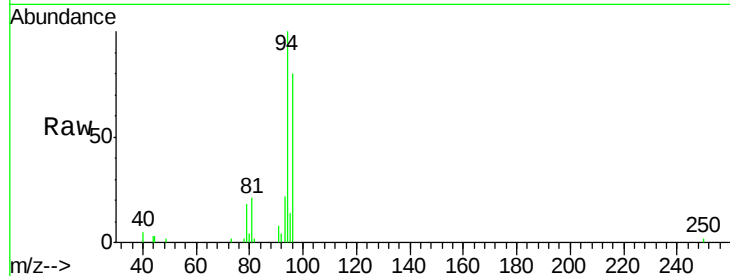
96 79.9 73.8 110.6

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#6

Chloroethane

Concen: 10.593 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067244.D

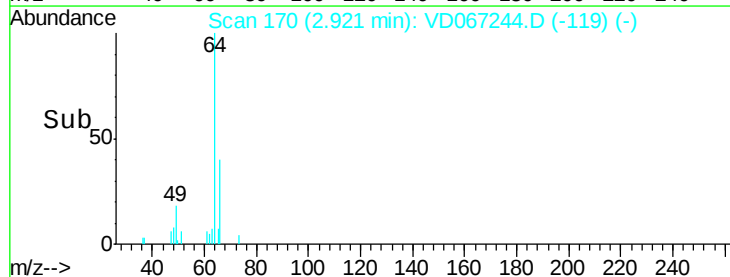
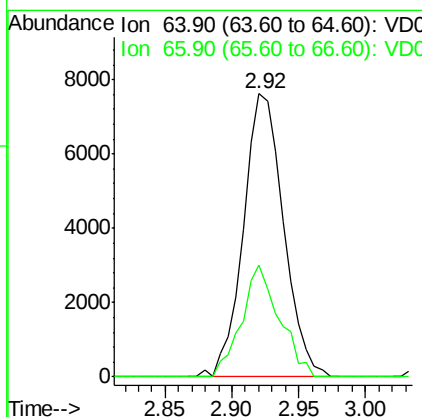
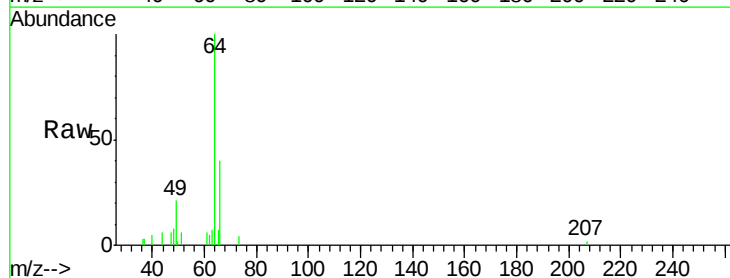
Acq: 13 Oct 2020 10:55

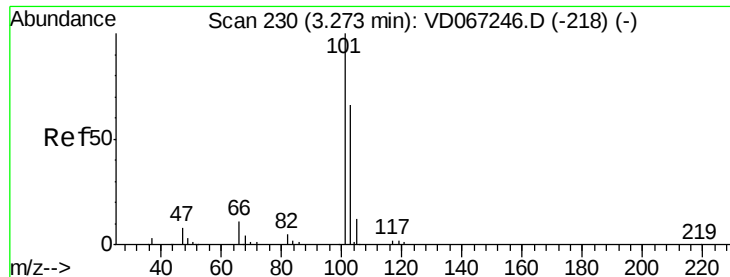
Tgt Ion: 64 Resp: 15819

Ion Ratio Lower Upper

64 100

66 39.5 27.4 41.0





#7

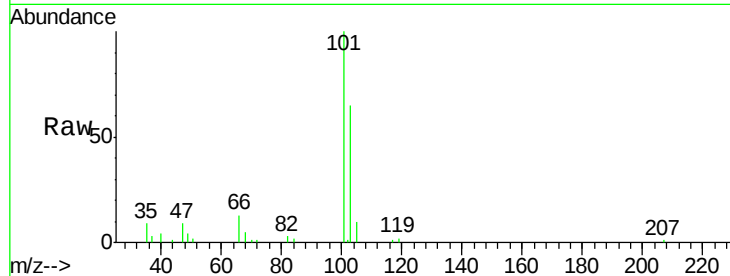
Trichlorofluoromethane
Concen: 10.692 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067244.D
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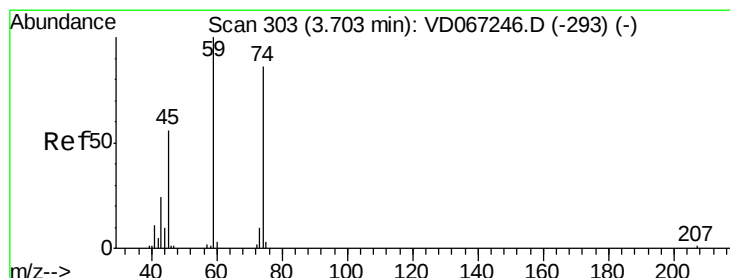
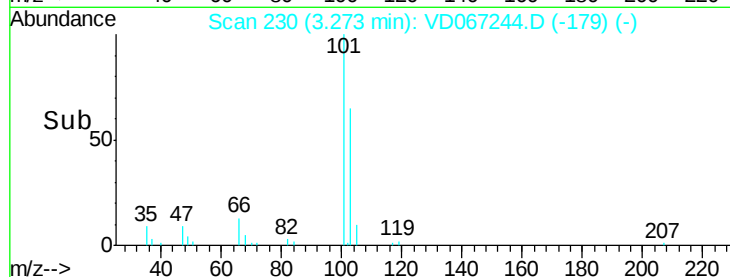
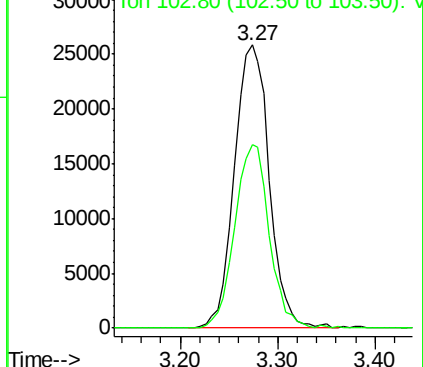
Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.8	53.1	79.7	

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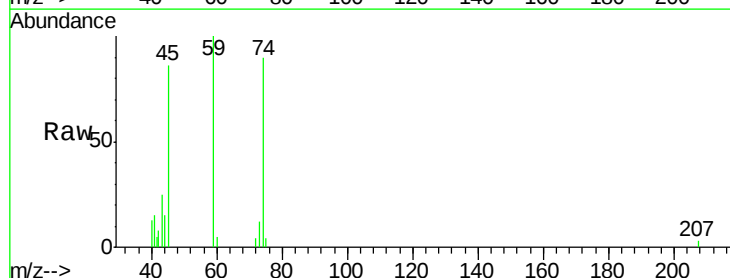
Abundance Ion 100.90 (100.60 to 101.60): V



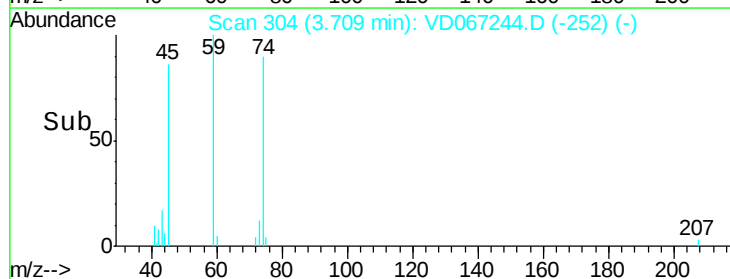
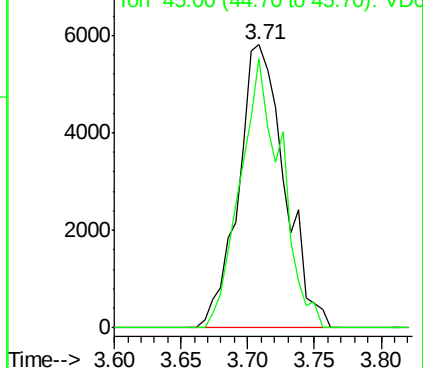
#8

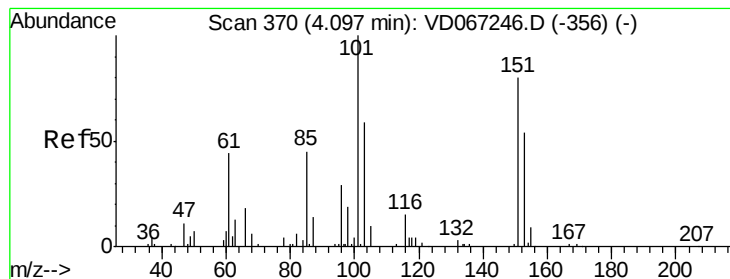
Diethyl Ether
Concen: 10.451 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067244.D
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Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	85.0	37.0	111.1	



Abundance Ion 74.00 (73.70 to 74.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.617 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

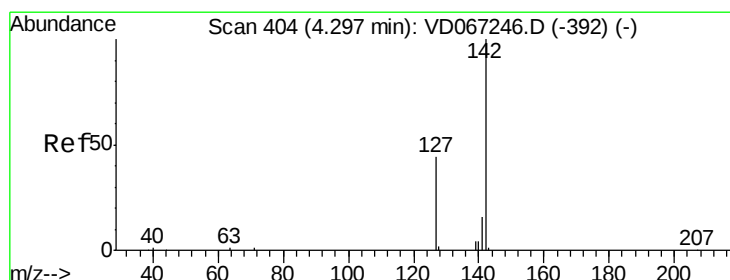
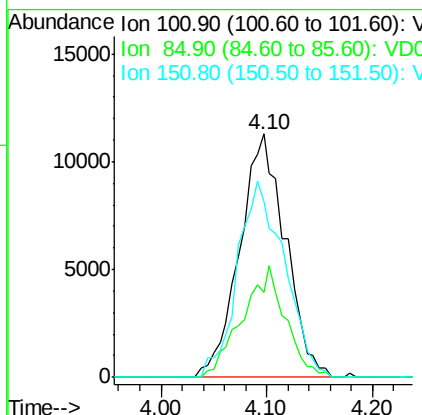
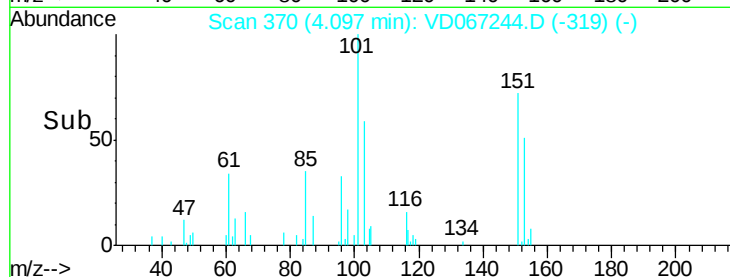
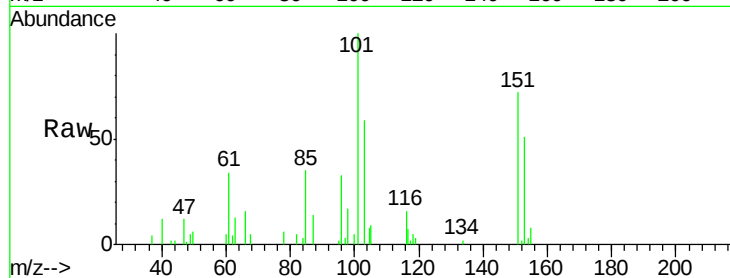
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	33809
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	82.9	66.3	99.5

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#10

Methyl Iodide

Concen: 9.537 ug/l

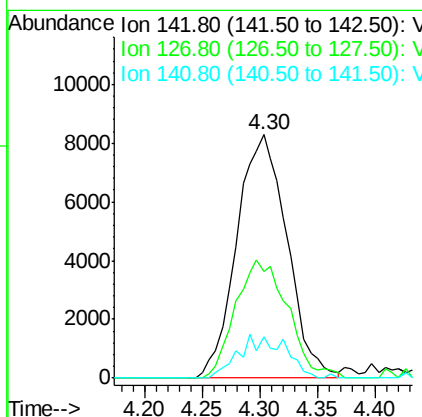
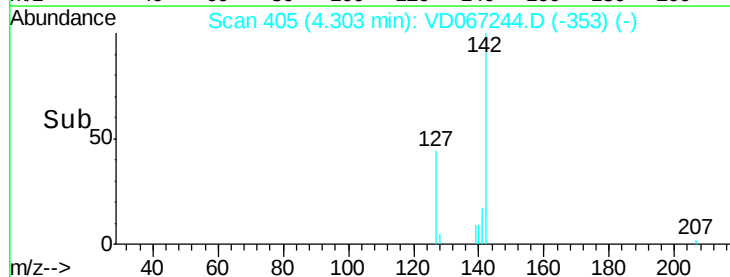
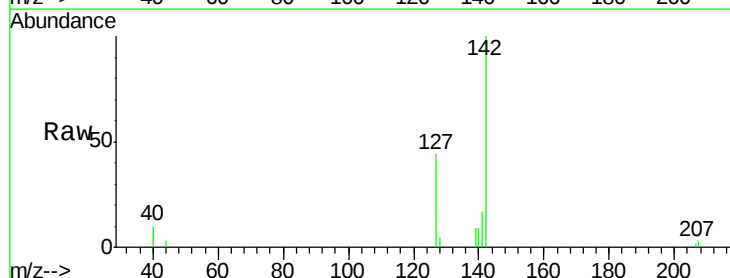
RT: 4.30 min Scan# 405

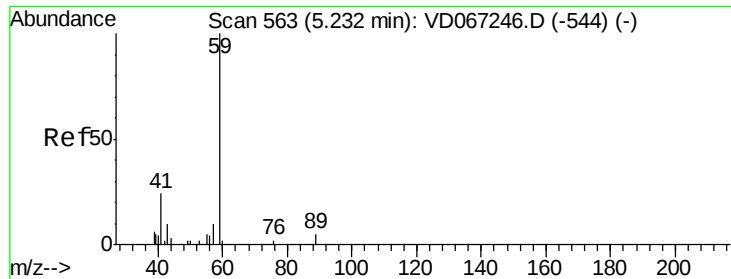
Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion:	142	Resp:	25093
Ion Ratio	Lower	Upper	
142	100		
127	50.4	38.4	57.6
141	16.3	11.6	17.4





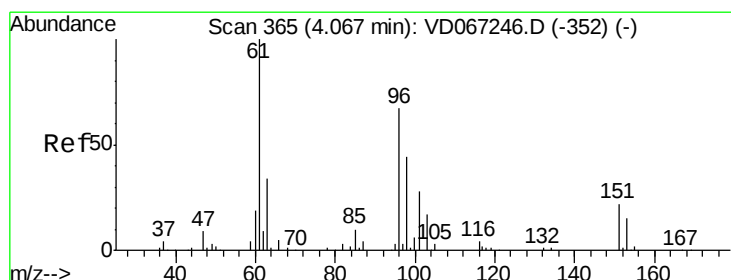
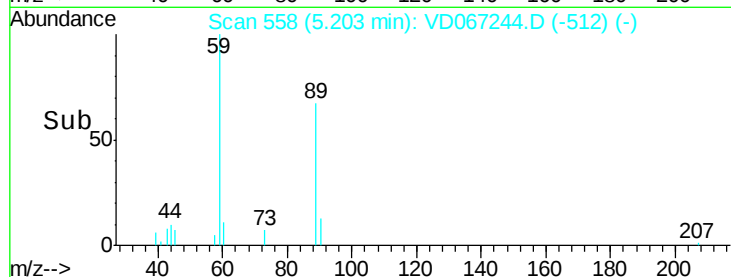
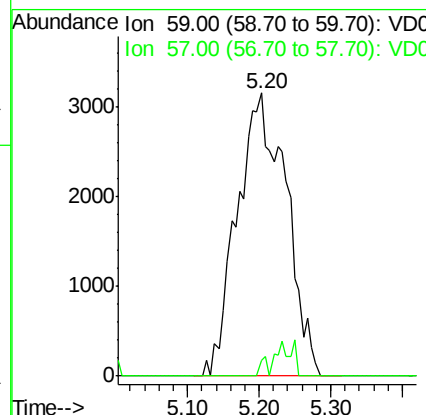
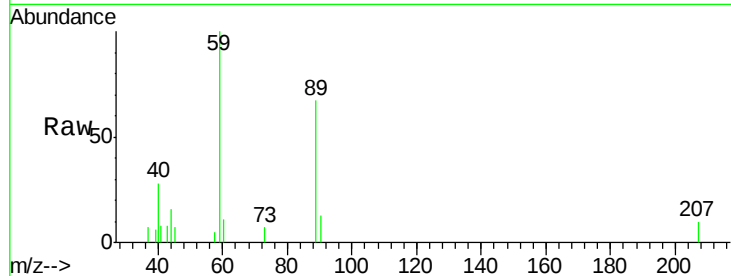
#11
Tert butyl alcohol
Concen: 52.814 ug/l m
RT: 5.20 min Scan# 558
Delta R.T. -0.03 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 14903
Ion Ratio Lower Upper
59 100
57 0.0 5.1 7.7#

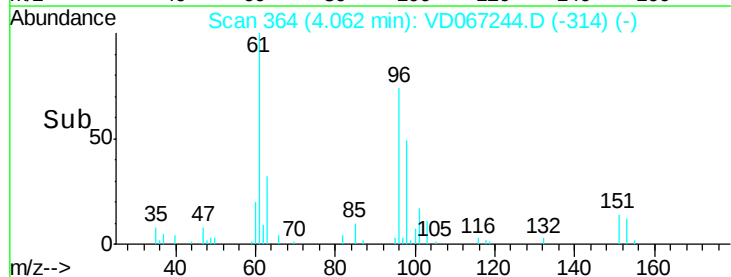
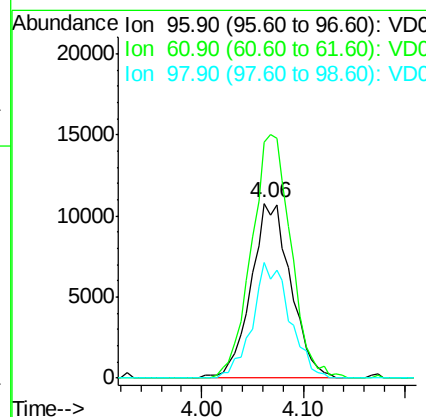
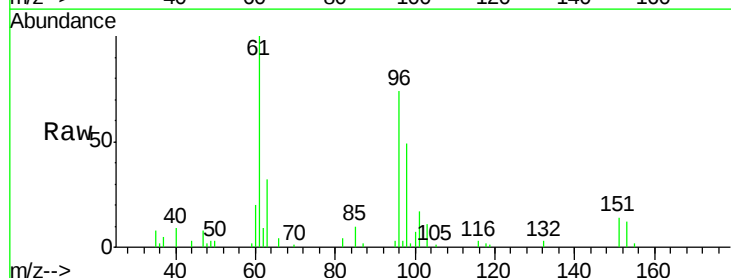
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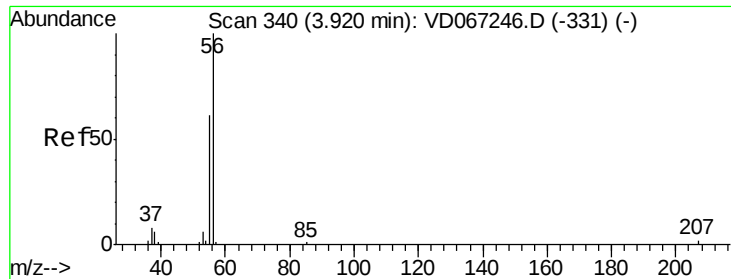
MMDadoda
10/14/2020 2:10:07 PM



#12
1,1-Dichloroethene
Concen: 10.546 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 96 Resp: 29534
Ion Ratio Lower Upper
96 100
61 134.7 118.6 177.8
98 66.3 51.8 77.6





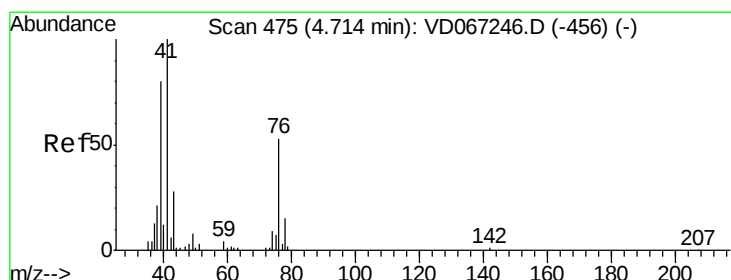
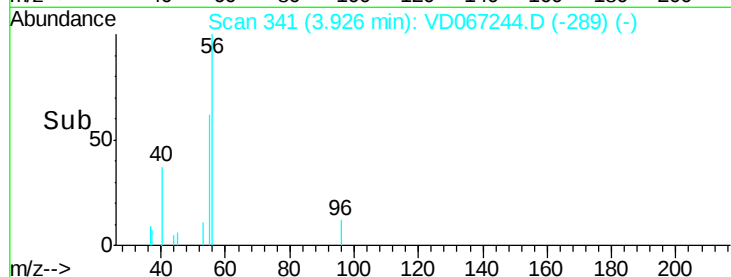
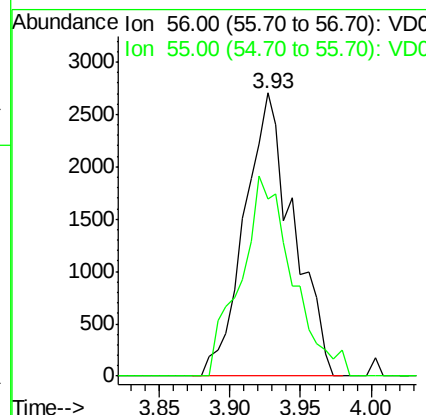
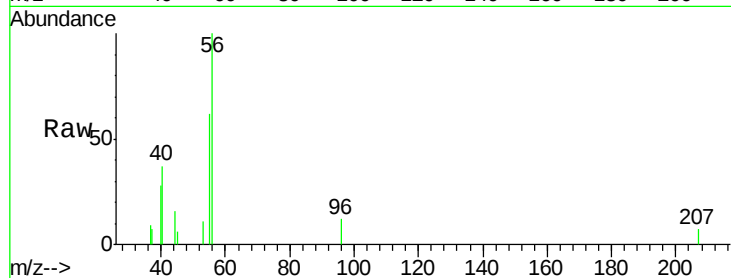
#13
 Acrolein
 Concen: 43.101 ug/l
 RT: 3.93 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	56	Resp	6535
Ion Ratio	100	Lower	Upper
56	100		
55	75.1	56.0	84.0

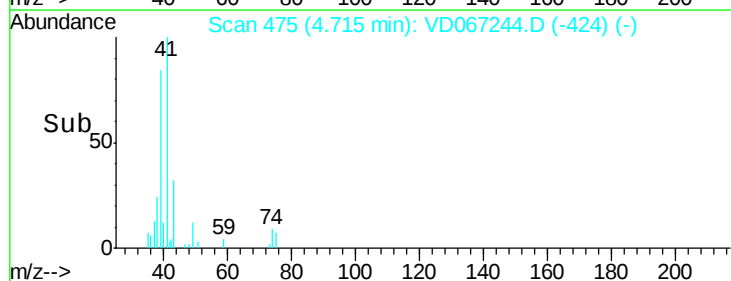
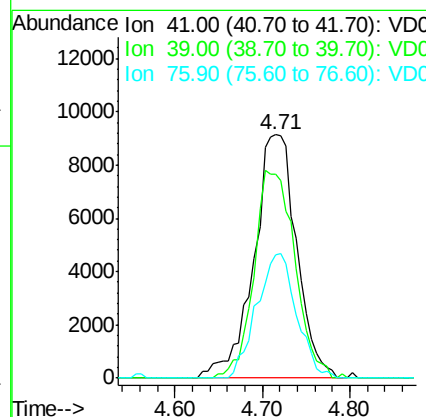
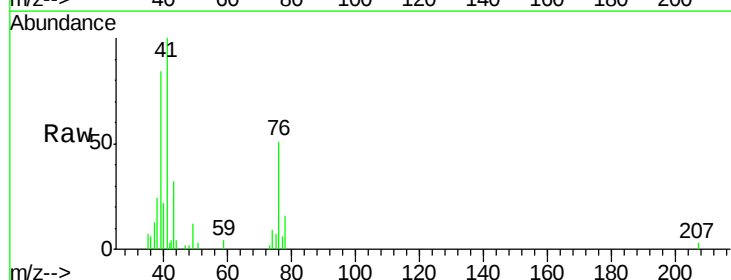
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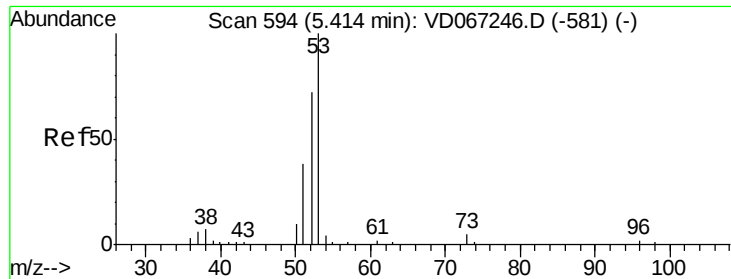
MMDadoda
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#14
 Allyl chloride
 Concen: 9.872 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	41	Resp	30844
Ion Ratio	100	Lower	Upper
41	100		
39	80.7	63.8	95.6
76	47.3	40.4	60.6





#15

Acrylonitrile

Concen: 53.782 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

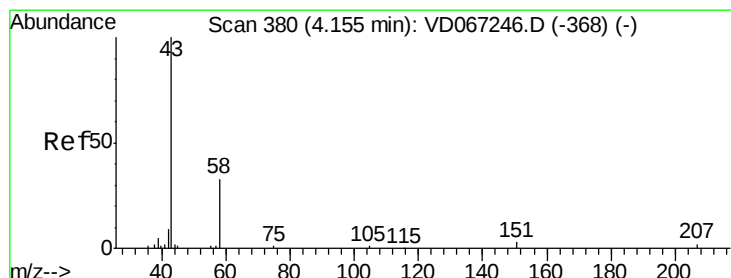
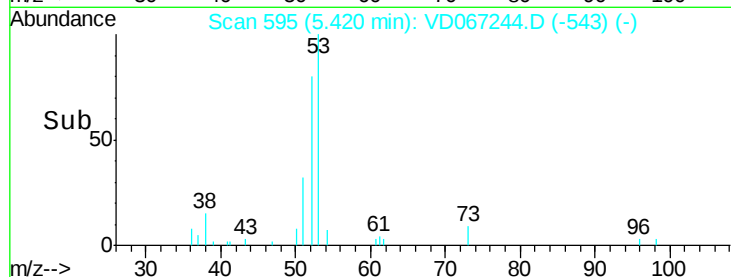
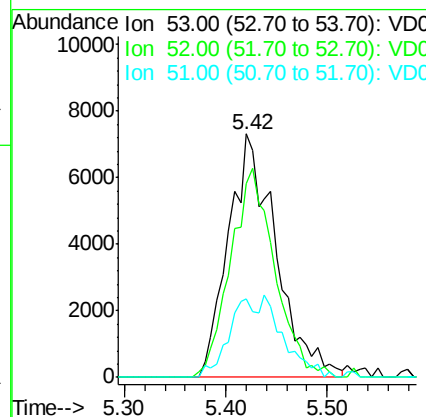
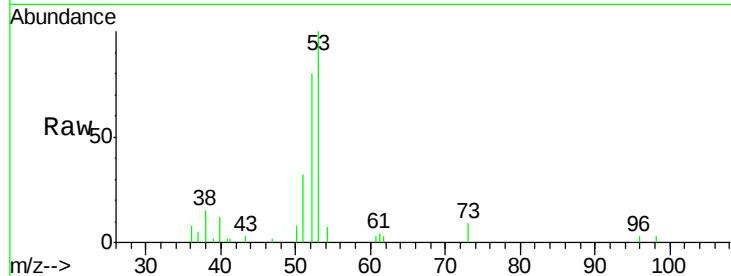
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	23703
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.6	98.4
51	20.2	30.8	46.2#

Manual Integrations
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#16

Acetone

Concen: 53.014 ug/l

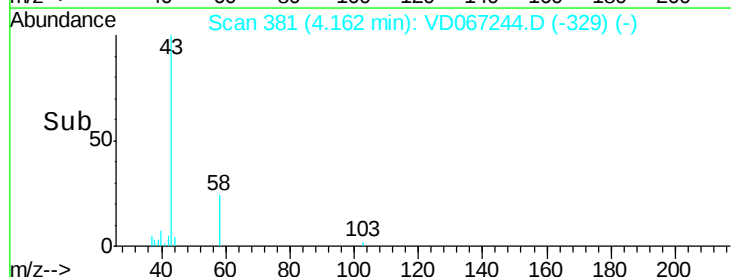
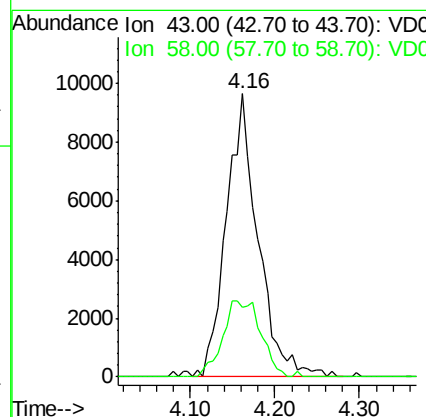
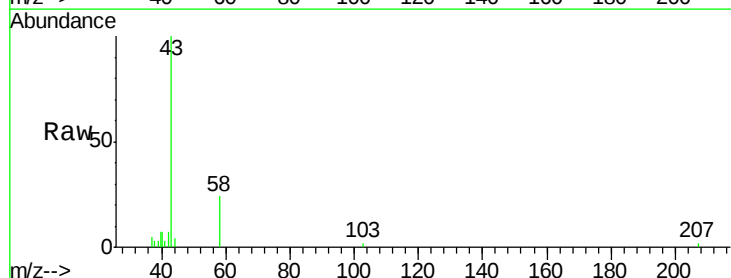
RT: 4.16 min Scan# 381

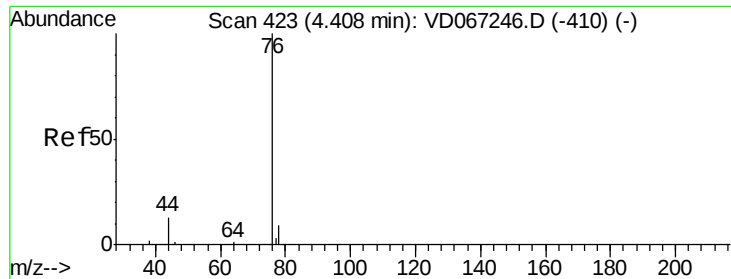
Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion:	43	Resp:	25126
Ion	Ratio	Lower	Upper
43	100		
58	24.5	26.1	39.1#





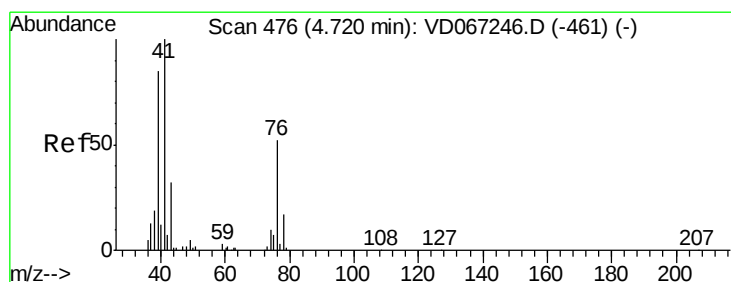
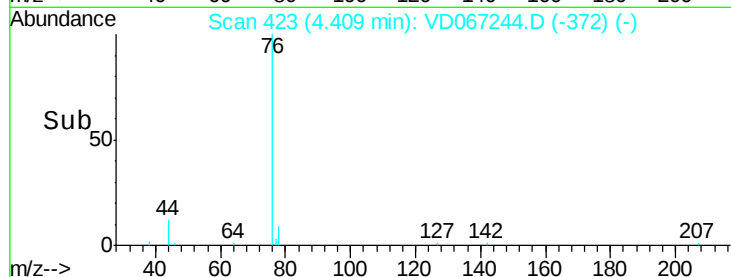
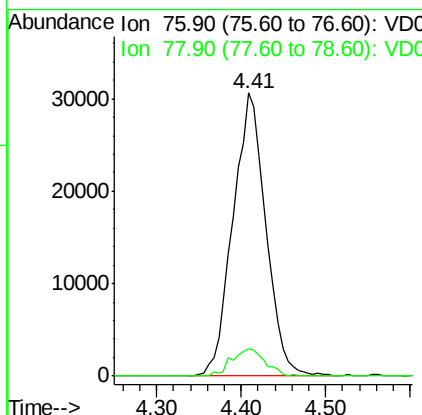
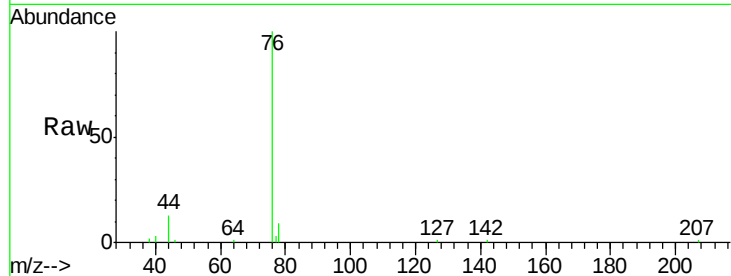
#17
Carbon Disulfide
Concen: 10.331 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 76 Resp: 82619
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

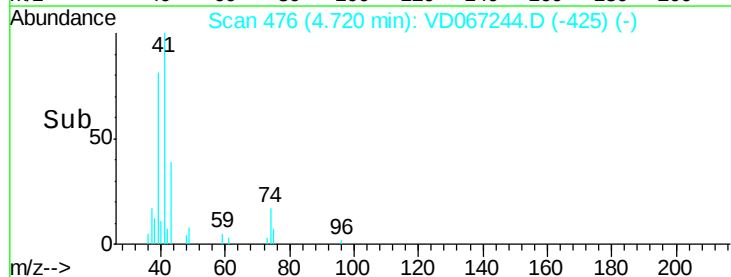
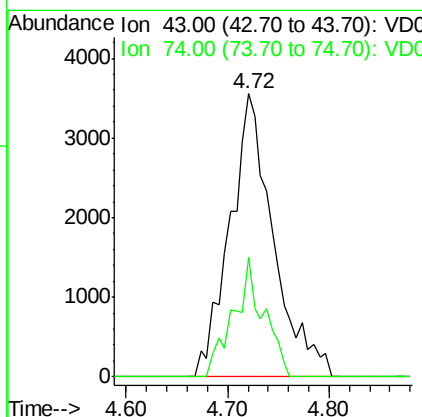
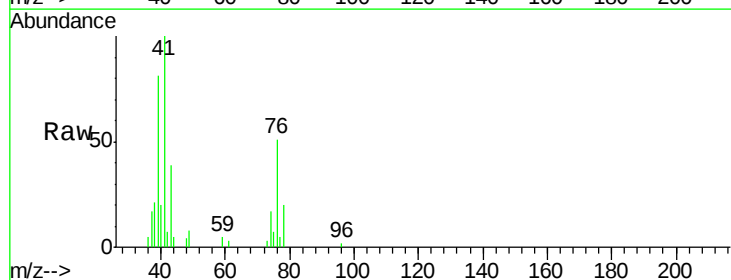
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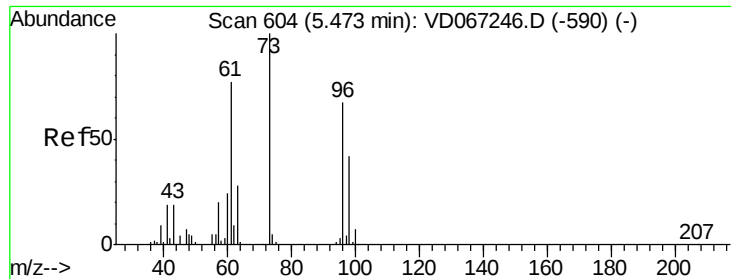
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#18
Methyl Acetate
Concen: 9.713 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 43 Resp: 10571
Ion Ratio Lower Upper
43 100
74 29.3 26.6 39.8





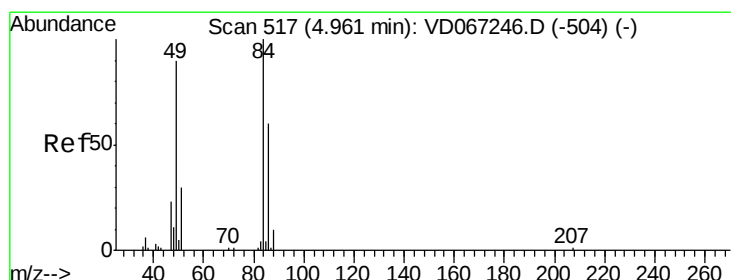
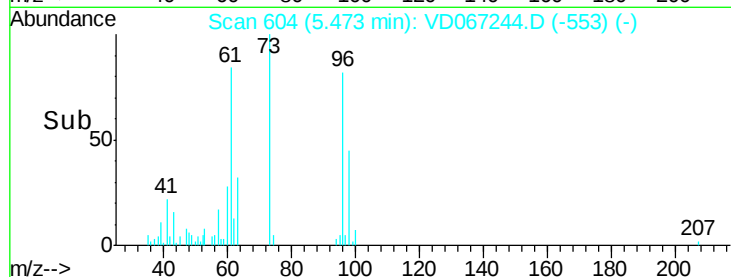
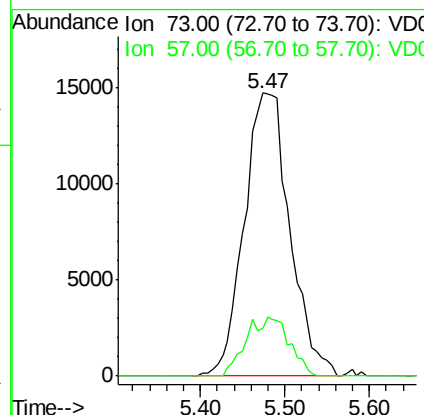
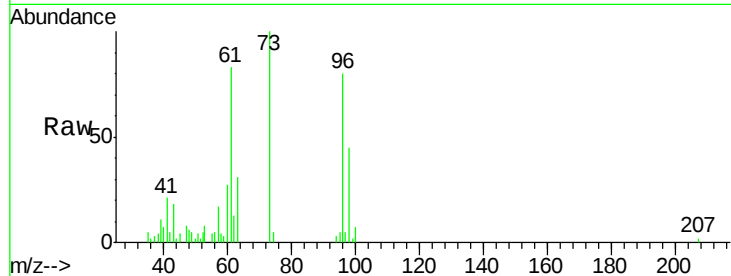
#19
Methvl tert-butvl Ether
Concen: 10.229 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 55204
Ion Ratio Lower Upper
73 100
57 16.9 15.7 23.5

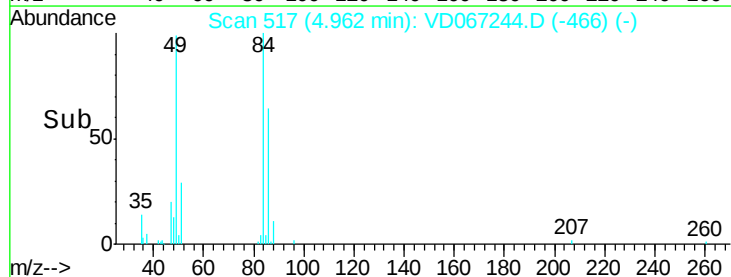
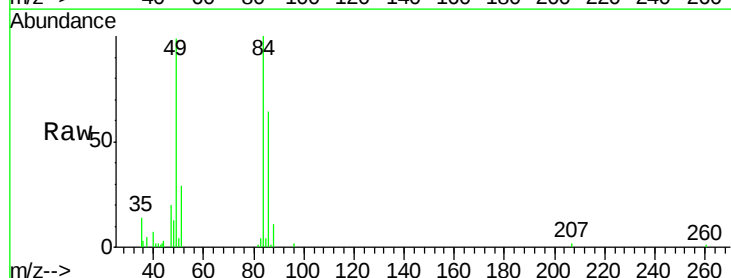
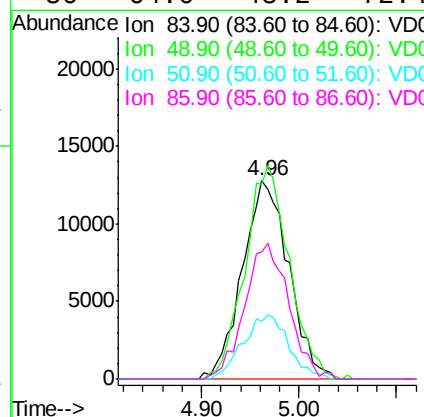
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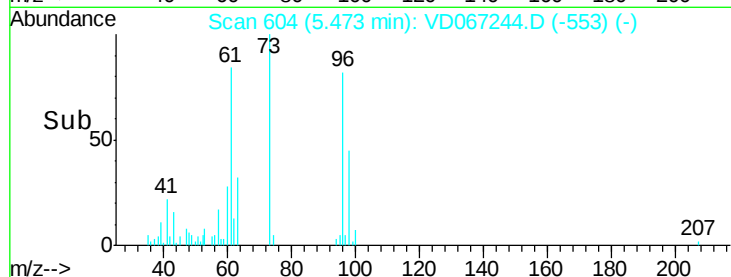
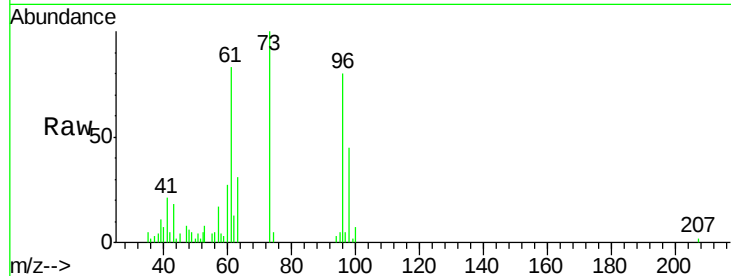
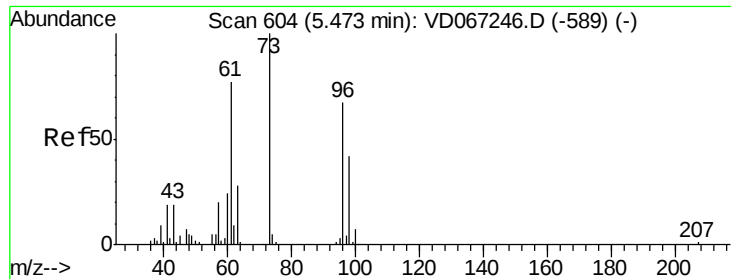
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#20
Methylene Chloride
Concen: 11.064 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 84 Resp: 42207
Ion Ratio Lower Upper
84 100
49 98.5 72.2 108.2
51 29.2 23.8 35.8
86 64.0 48.2 72.4





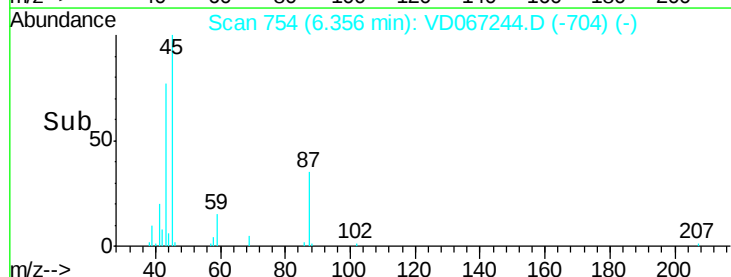
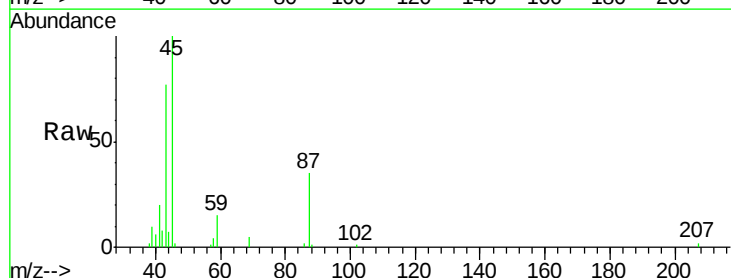
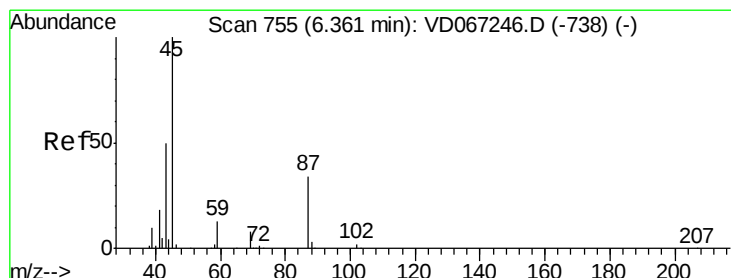
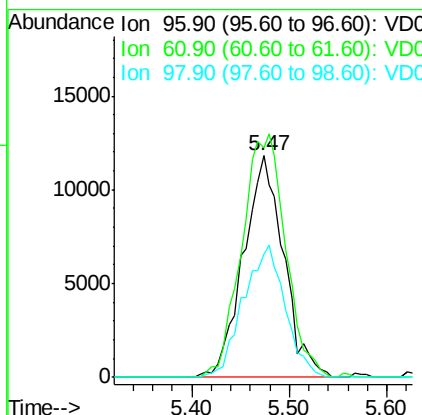
#21
trans-1,2-Dichloroethene
Concen: 10.653 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tot Ion	Ratio	Resp	Lower	Upper
96	100	34128		
61	103.4	92.0	138.0	
98	55.7	49.8	74.8	

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

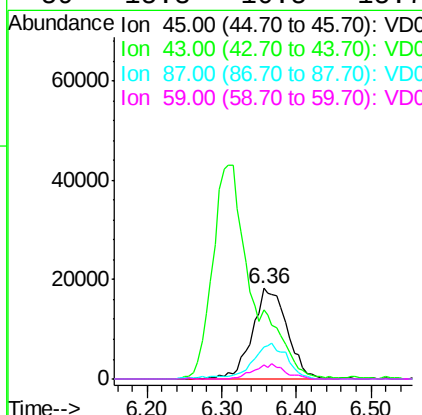
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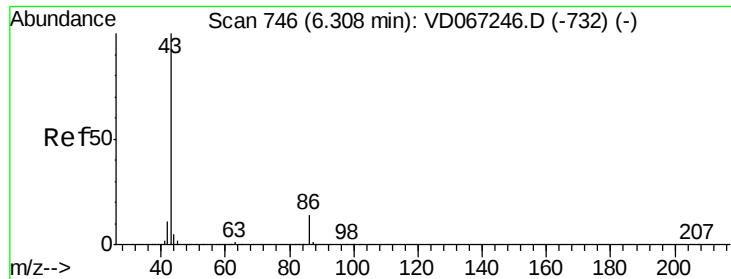
MMDadoda
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#22
Diisopropyl ether
Concen: 10.291 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	59282		
43	75.5	48.0	72.0	#
87	35.1	28.5	42.7	
59	15.3	10.5	15.7	





#23

Vinyl Acetate

Concen: 51.011 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleID :

VSTDIC010

Tot Ion: 43 Resp: 159450

Ion Ratio Lower Upper

43 100

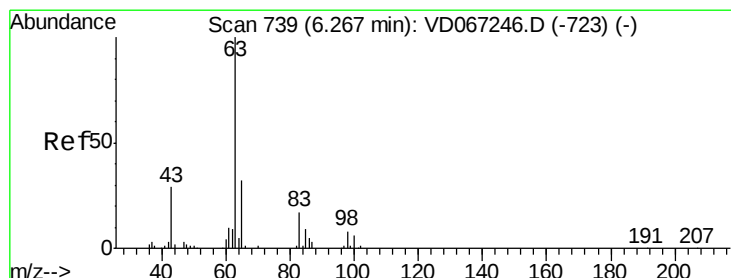
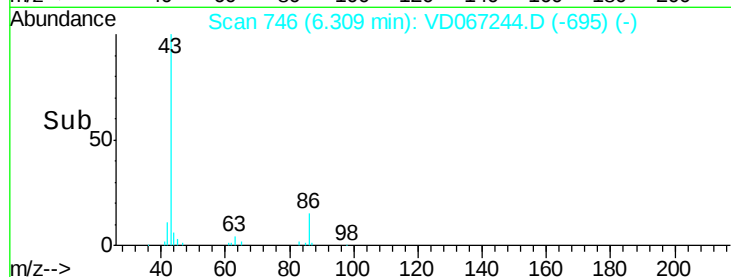
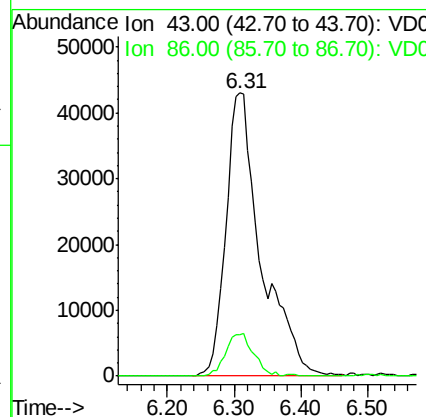
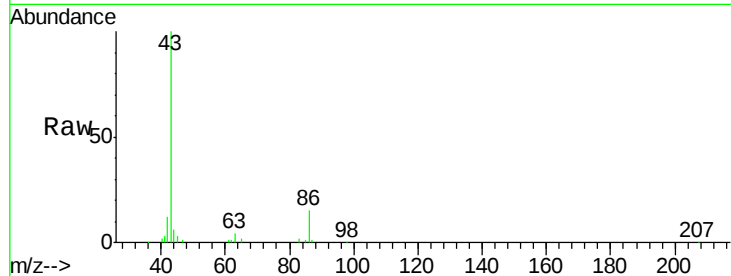
86 14.9 11.0 16.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 10.668 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

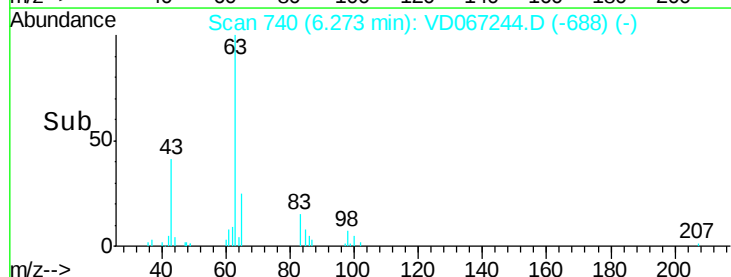
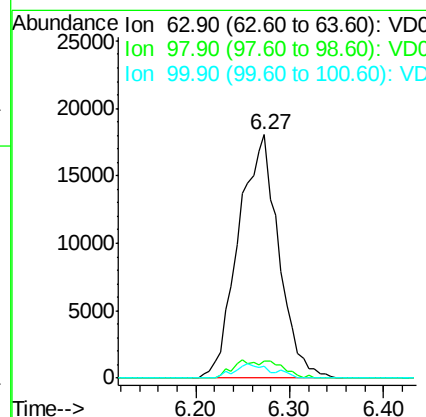
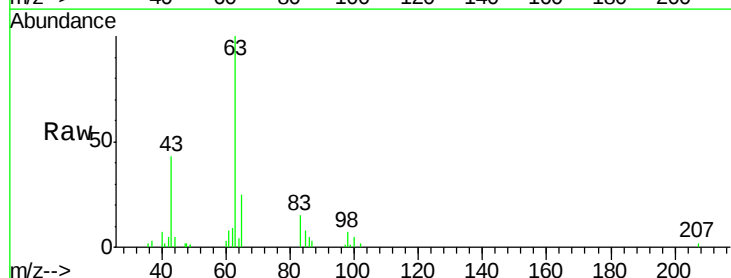
Tgt Ion: 63 Resp: 53542

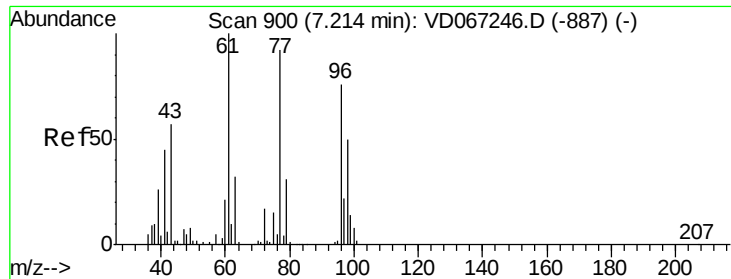
Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.2

100 5.0 2.8 8.4





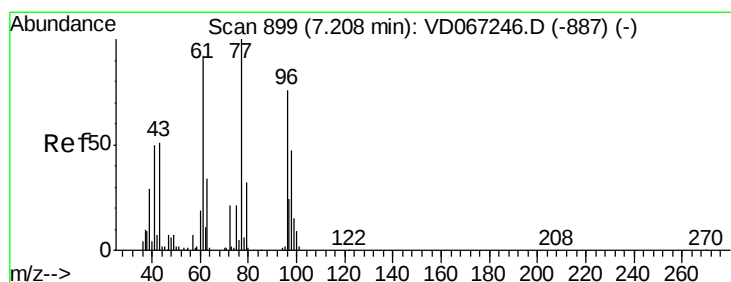
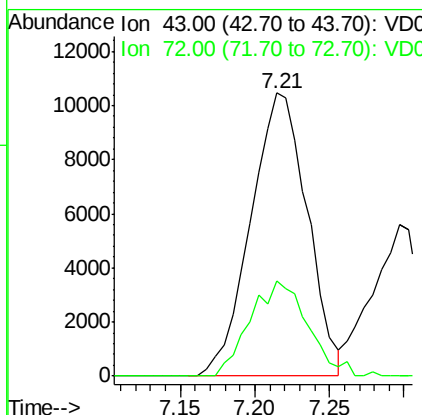
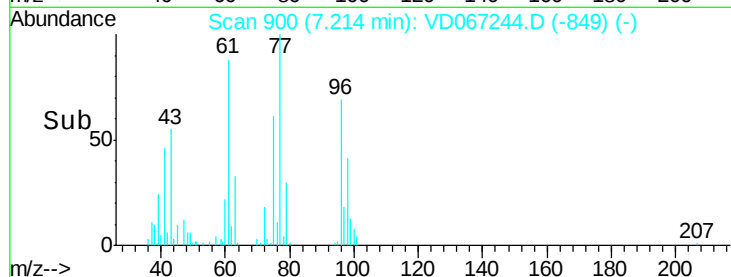
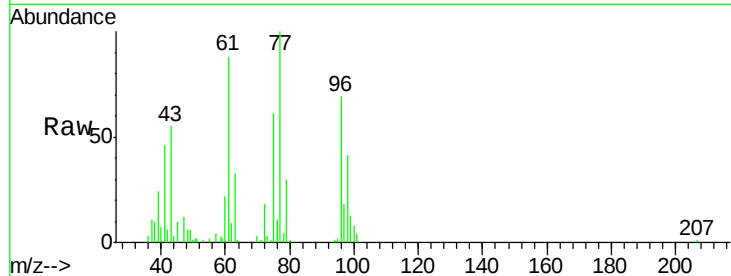
#25
2-Butanone
Concen: 51.600 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 27475
Ion Ratio Lower Upper
43 100
72 33.5 23.7 35.5

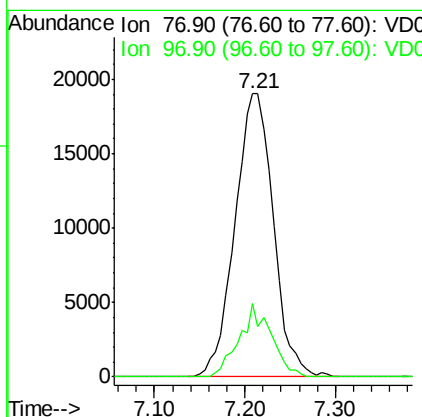
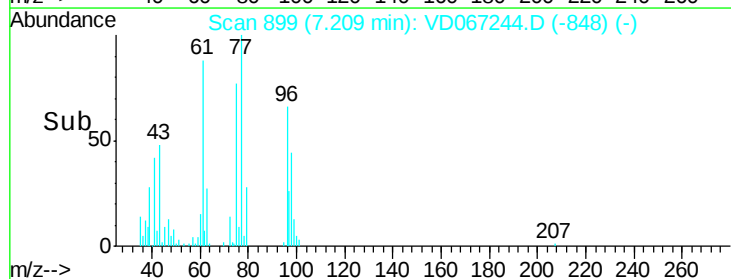
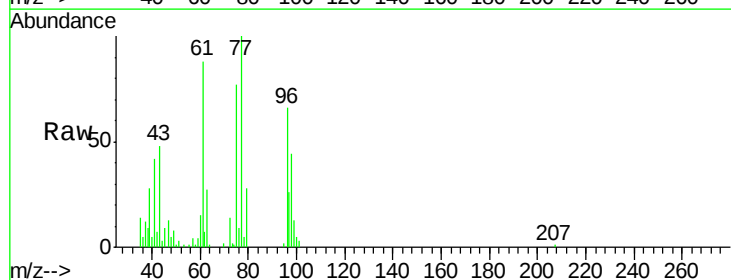
Manual Integrations
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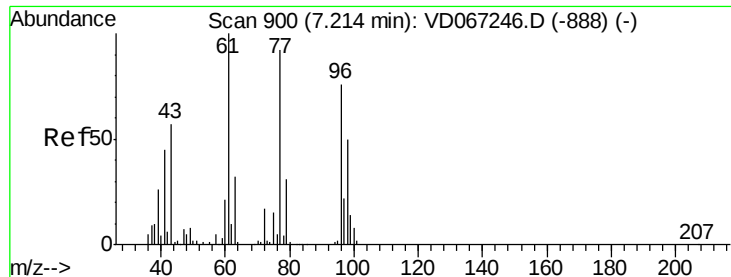
MMDadoda
10/14/2020 2:10:07 PM



#26
2,2-Dichloropropane
Concen: 10.679 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 77 Resp: 55953
Ion Ratio Lower Upper
77 100
97 21.5 11.4 34.2





#27

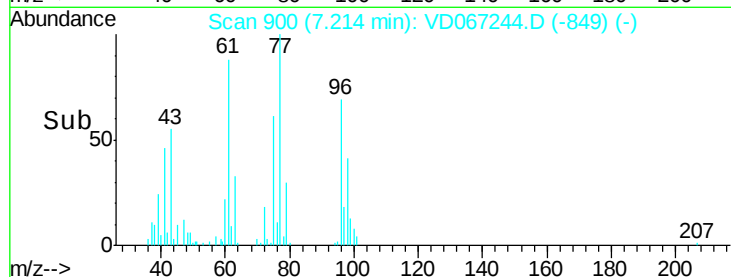
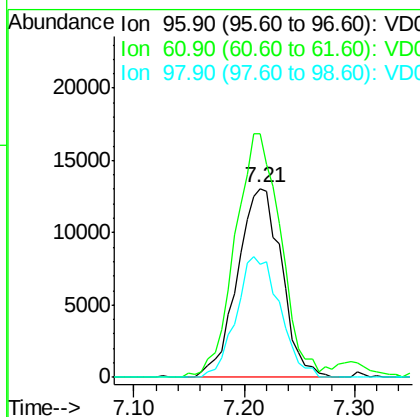
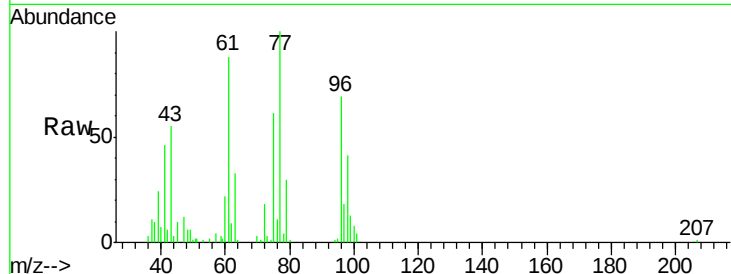
cis-1,2-Dichloroethene
Concen: 10.430 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	36682		
61	134.0	0.0	255.4	
98	62.9	0.0	128.0	

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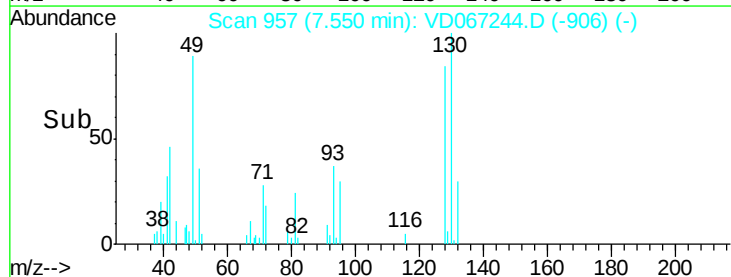
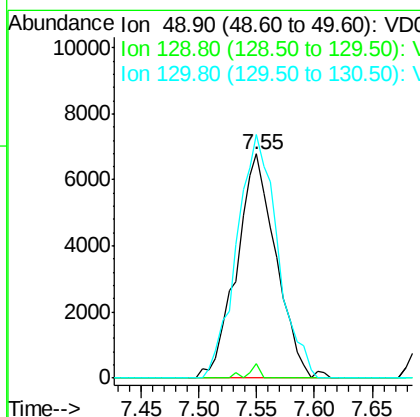
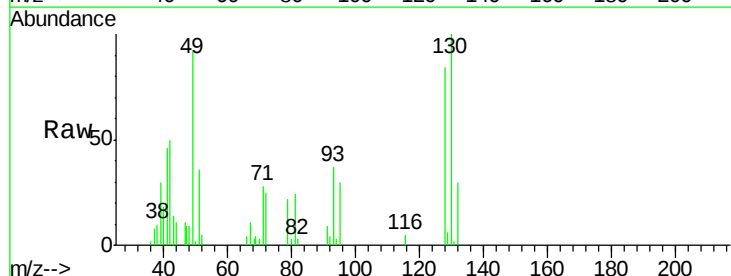
MMDadoda
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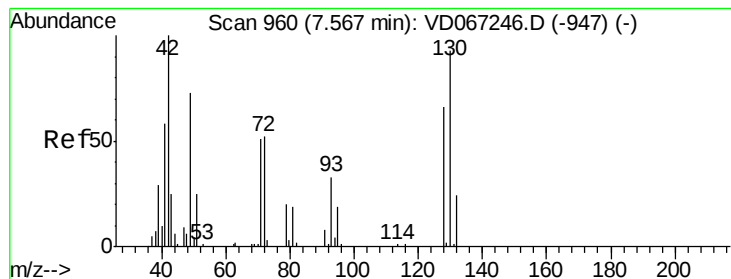


#28

Bromochloromethane
Concen: 9.615 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	16099		
129	1.7	0.0	1.6#	
130	112.7	91.0	136.6	





#29

Tetrahydrofuran

Concen: 53.066 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

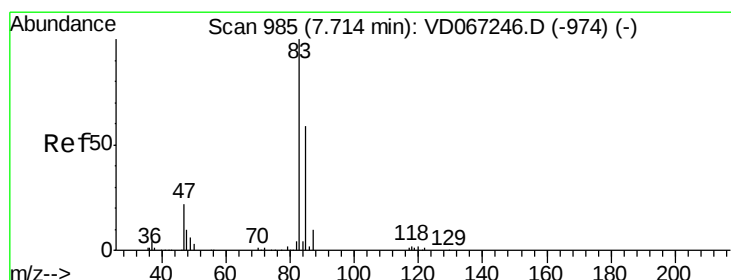
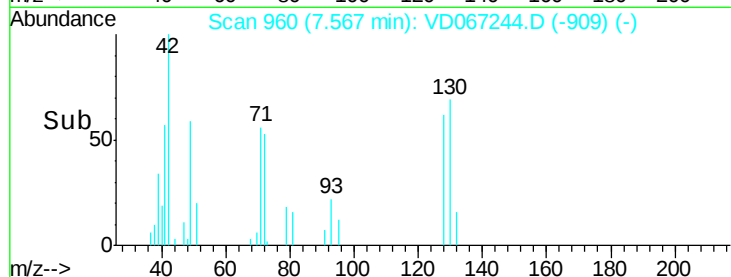
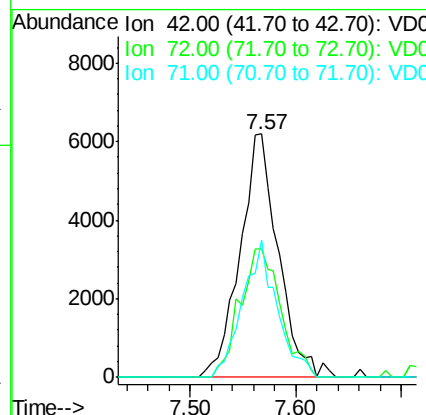
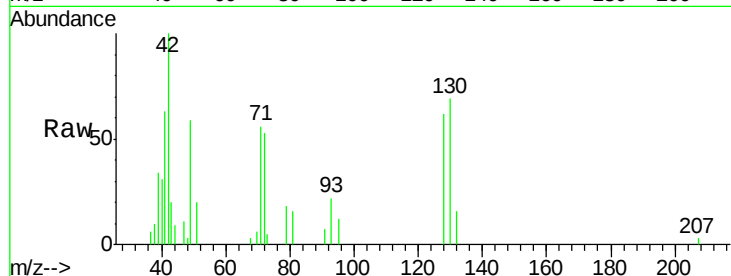
ClientSampleId :

VSTDIC010

Tot Ion:	42	Resp:	15572
Ion	Ratio	Lower	Upper
42	100		
72	56.1	43.2	64.8
71	50.5	39.4	59.0

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#30

Chloroform

Concen: 10.608 ug/l

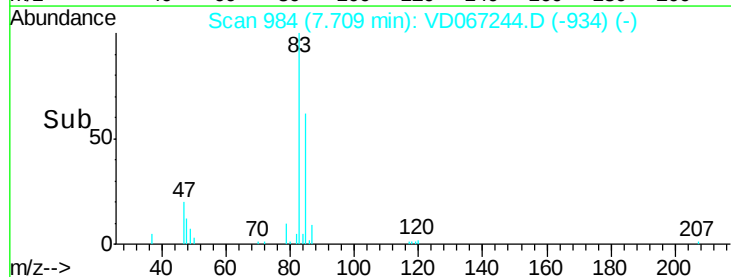
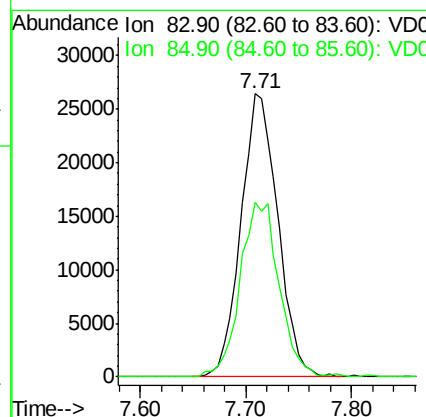
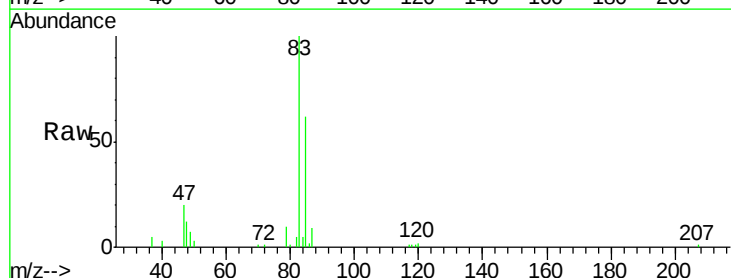
RT: 7.71 min Scan# 984

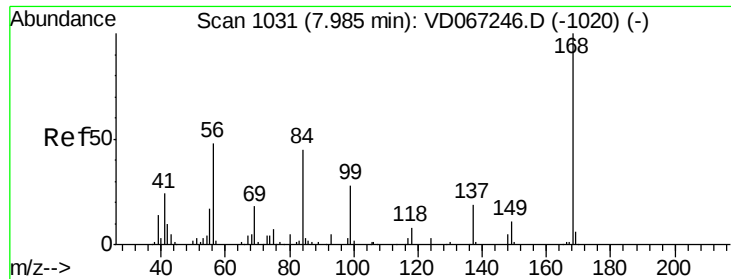
Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion:	83	Resp:	63853
Ion	Ratio	Lower	Upper
83	100		
85	61.8	47.3	70.9





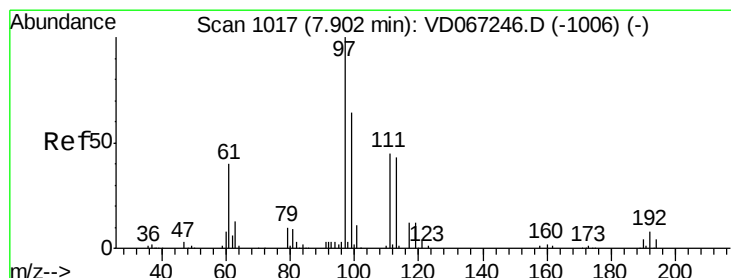
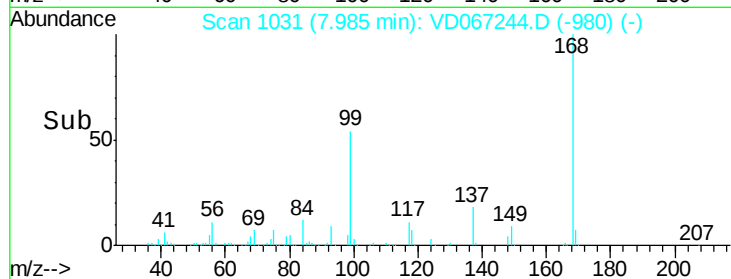
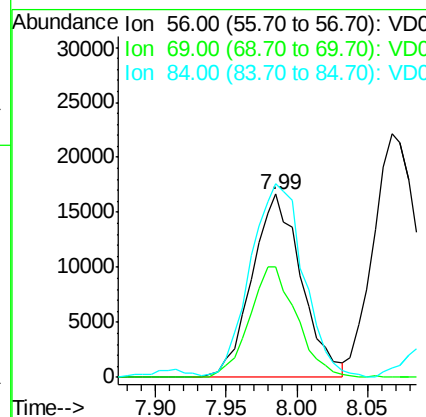
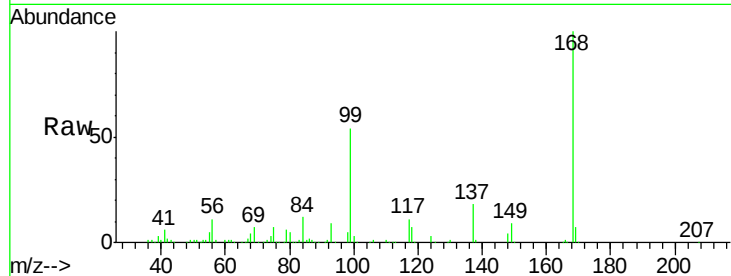
#31
Cyclohexane
Concen: 10.151 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	60.1	29.8	44.6#
84	103.7	76.6	114.8

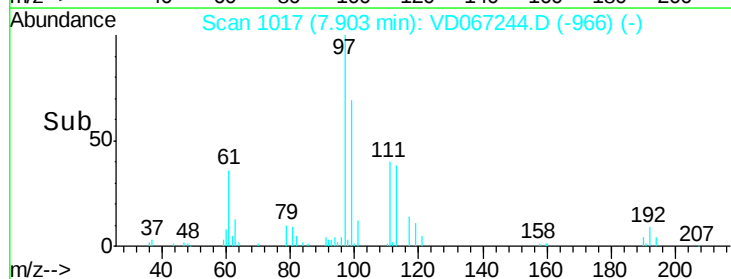
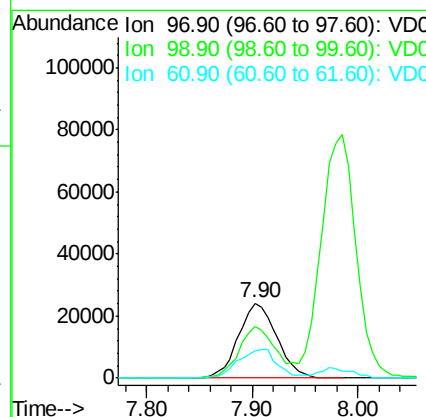
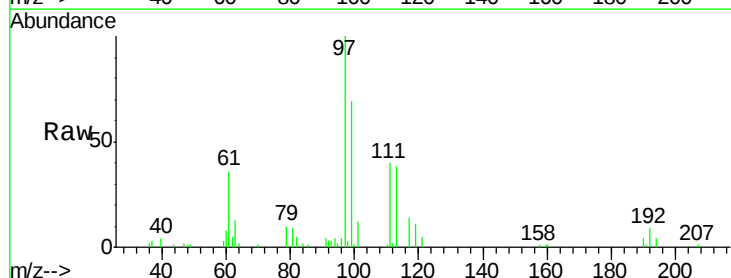
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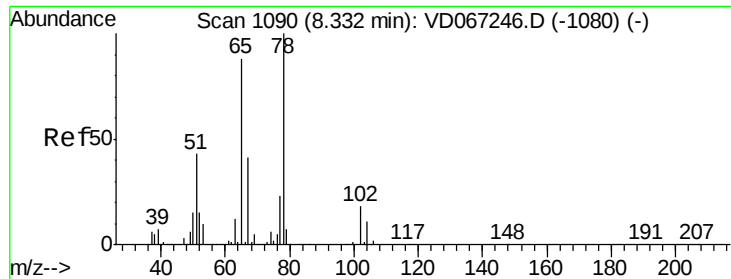
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#32
1,1,1-Trichloroethane
Concen: 10.314 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.7	50.2	75.4
61	39.2	30.5	45.7





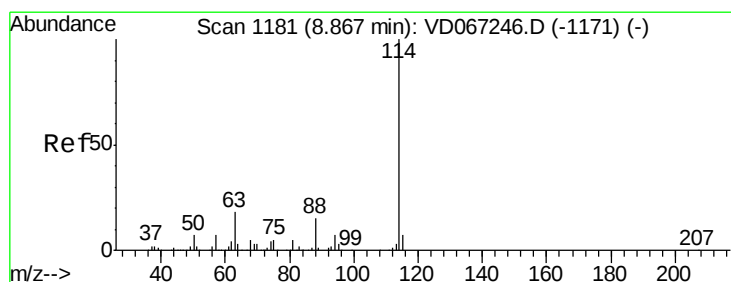
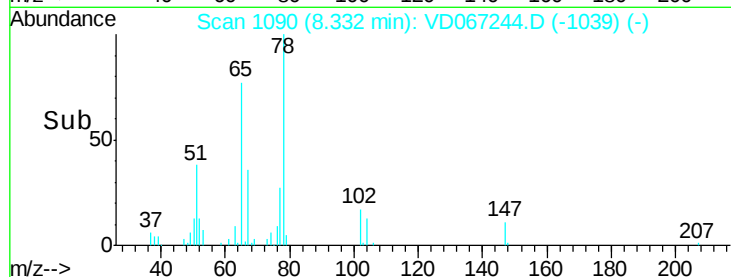
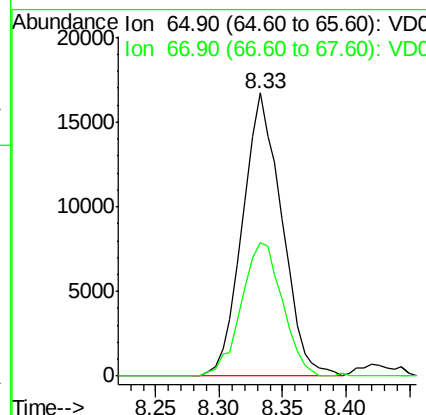
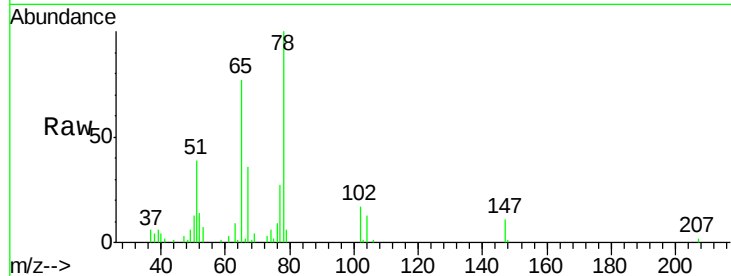
#33
 1,2-Dichloroethane-d4
 Concen: 10.700 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	103.8

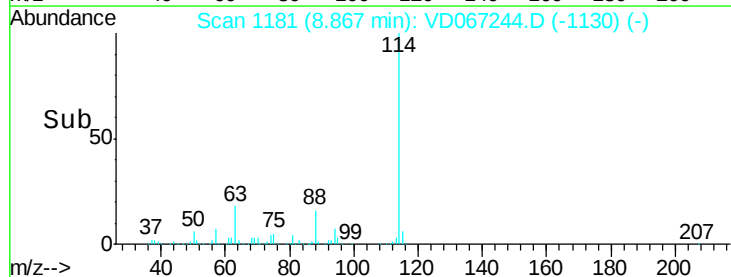
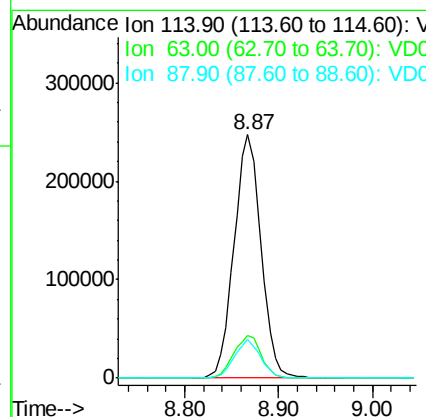
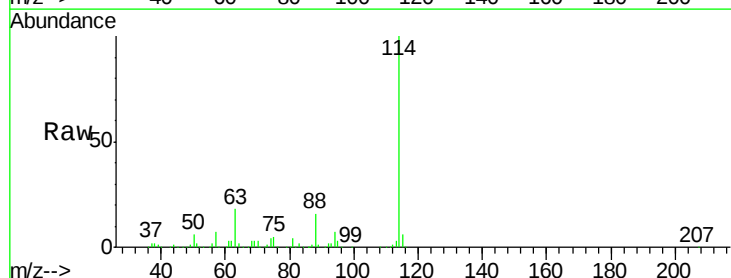
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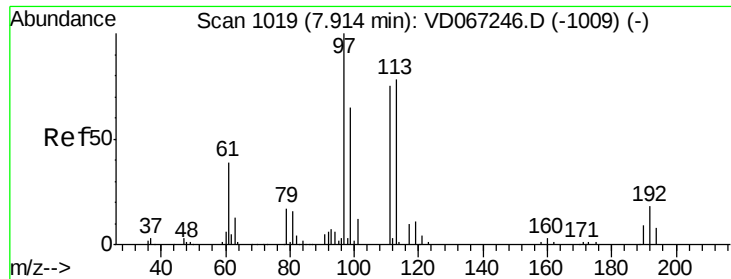
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.0
88	16.0	0.0	30.6





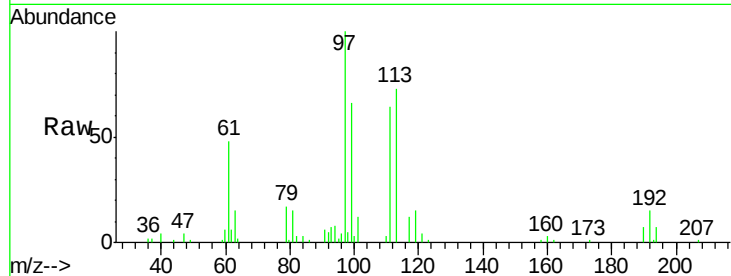
#35
Dibromofluoromethane
Concen: 10.643 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.6	122.4
192	21.4	17.0	25.4

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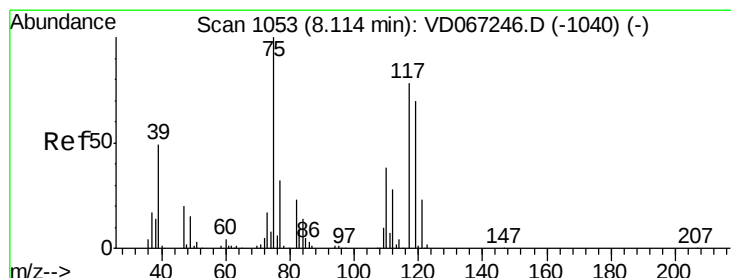
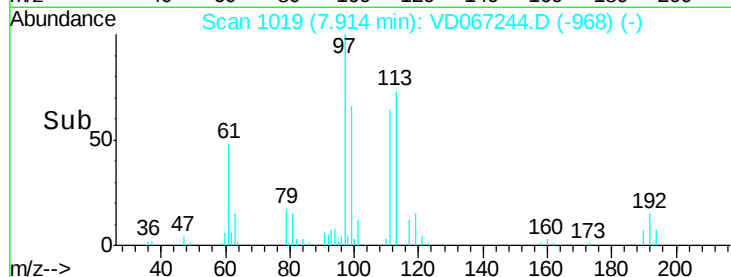
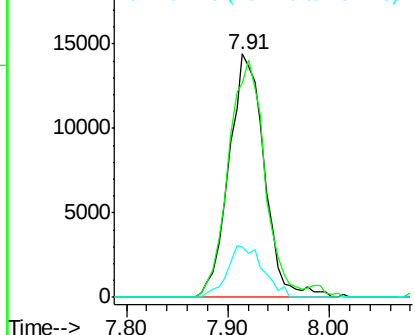


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 10.606 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

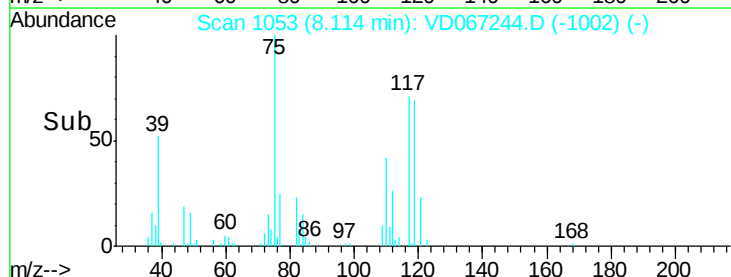
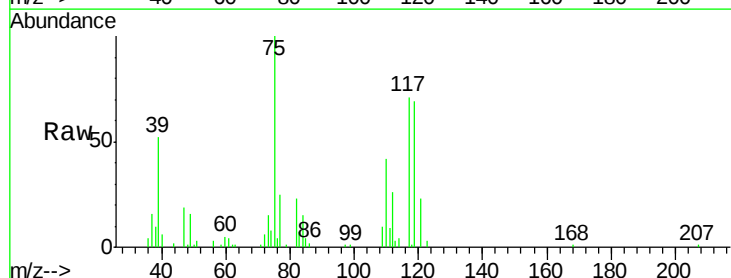
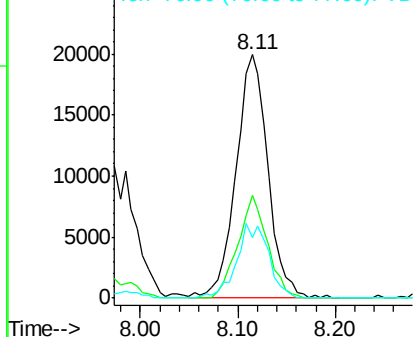
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.6	58.7
77	30.5	24.6	37.0

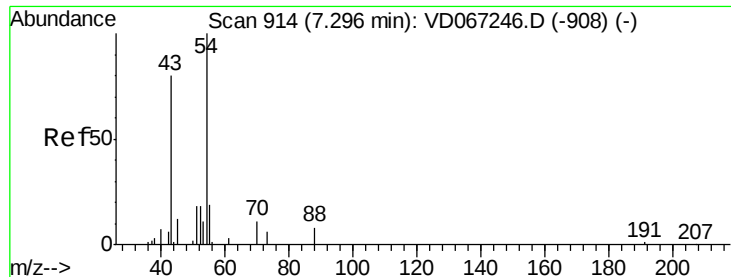
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





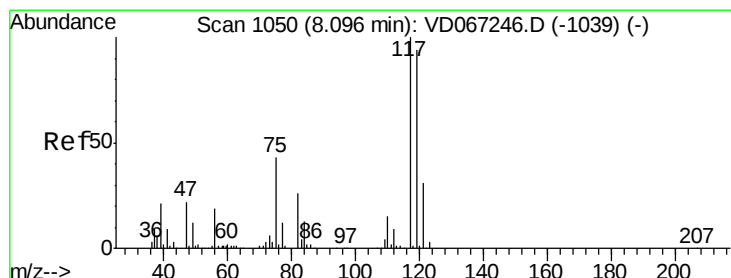
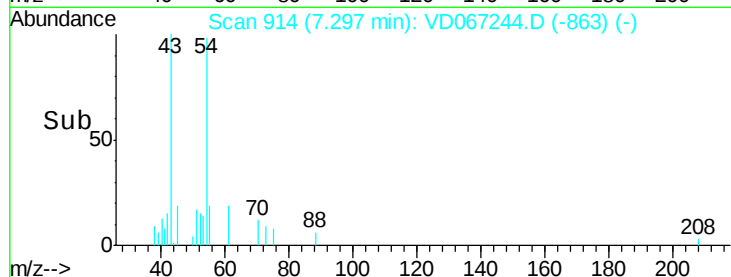
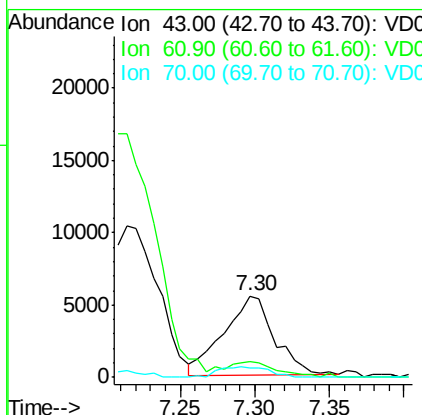
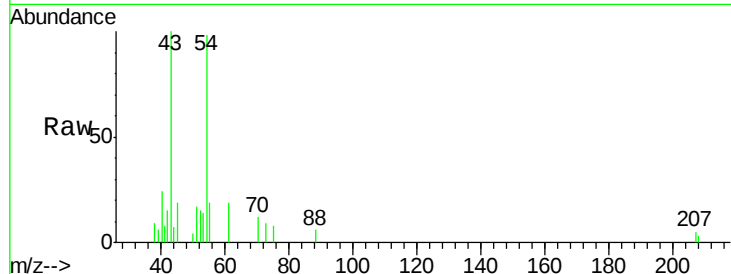
#37
Ethyl Acetate
Concen: 10.442 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.9	15.6	23.4
70	13.6	10.4	15.6

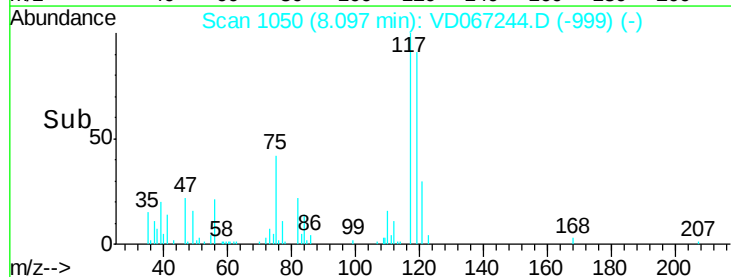
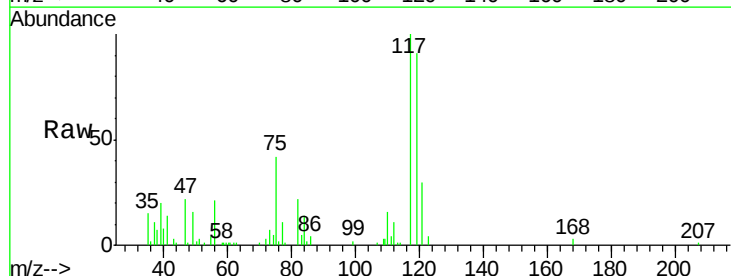
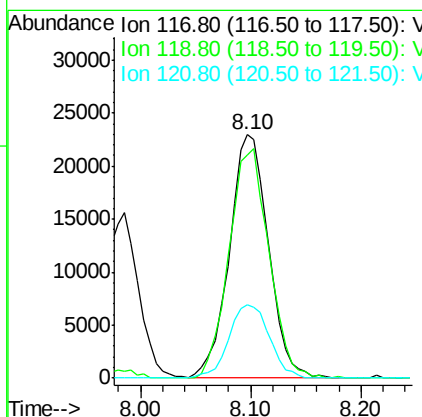
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#38
Carbon Tetrachloride
Concen: 10.340 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.0	112.4
121	30.2	24.9	37.3





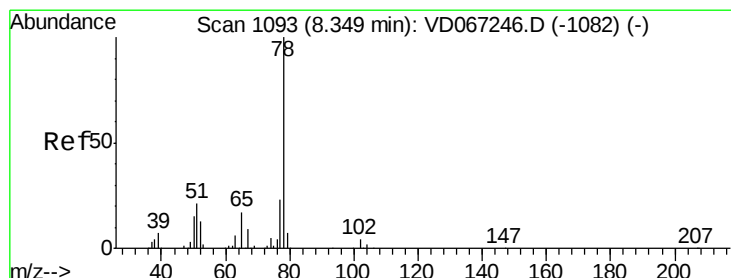
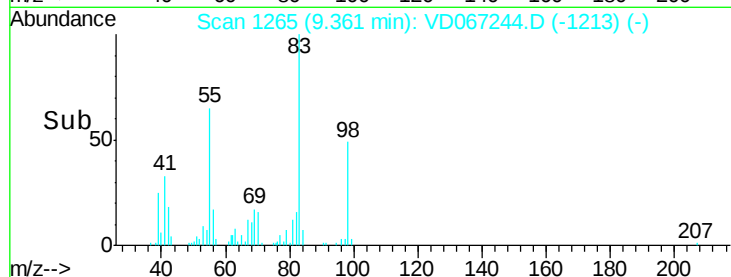
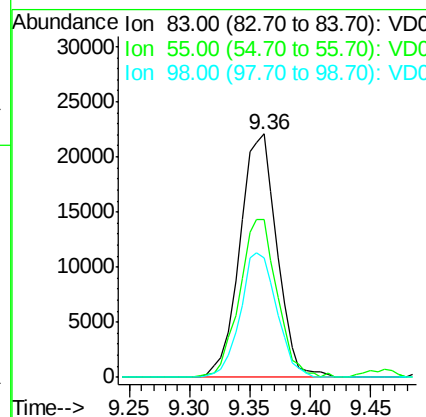
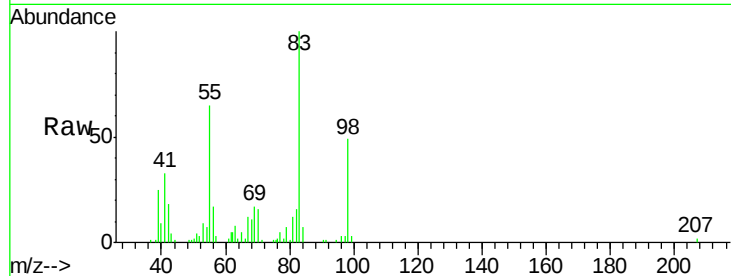
#39
Methvlcvclohexane
Concen: 10.717 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.9	53.3	79.9
98	49.1	41.0	61.4

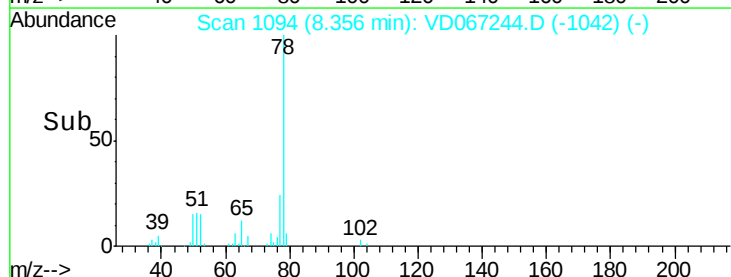
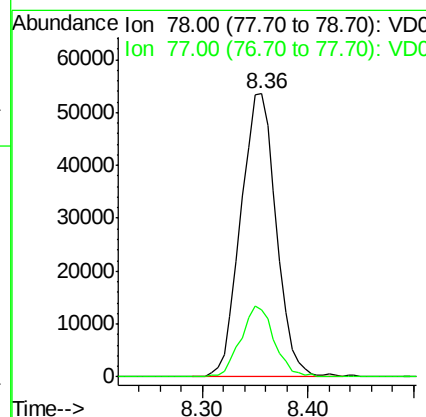
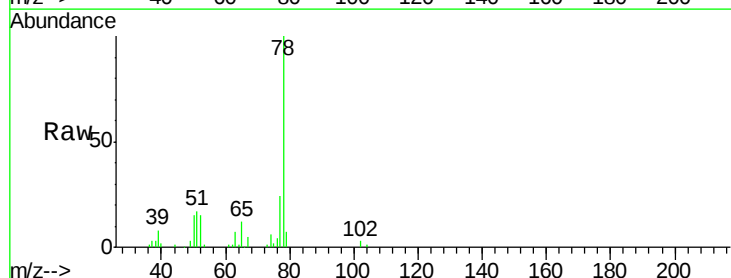
Manual Integrations
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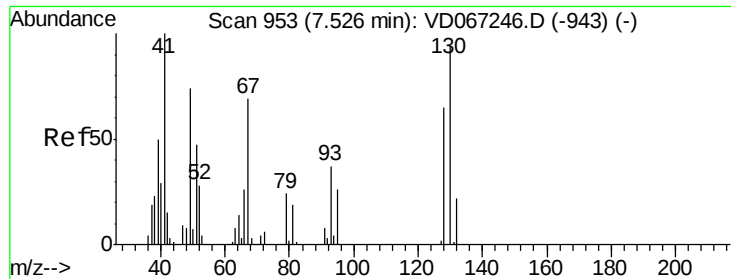
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#40
Benzene
Concen: 10.518 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





#41

Methacrylonitrile

Concen: 12.581 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

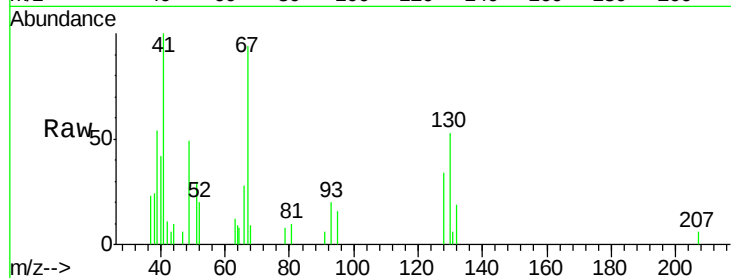
ClientSampleId :

VSTDIC010

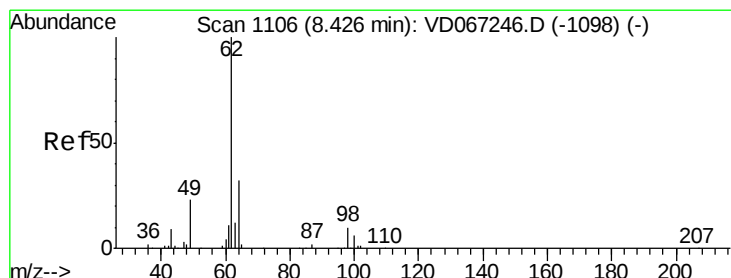
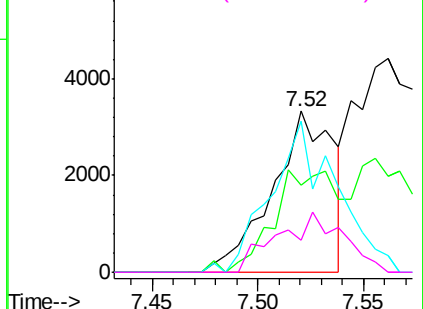
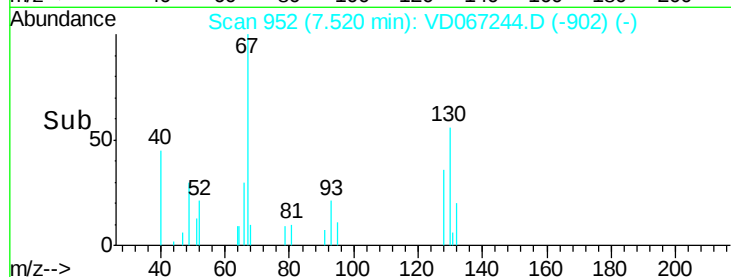
Tot Ion:	41	Resp:	6703
Ion	Ratio	Lower	Upper
41	100		
39	63.9	60.0	90.0
67	100.5	88.9	133.3
52	39.7	36.9	55.3

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 10.126 ug/l

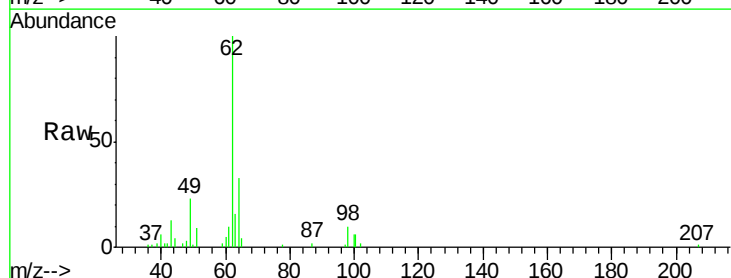
RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

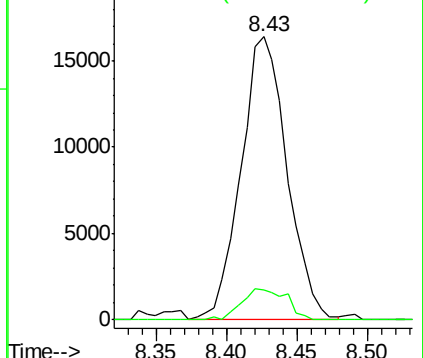
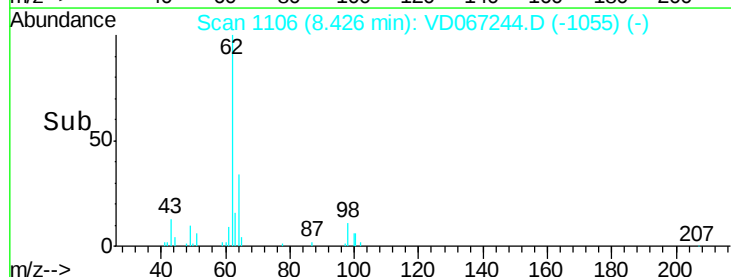
Lab File: VD067244.D

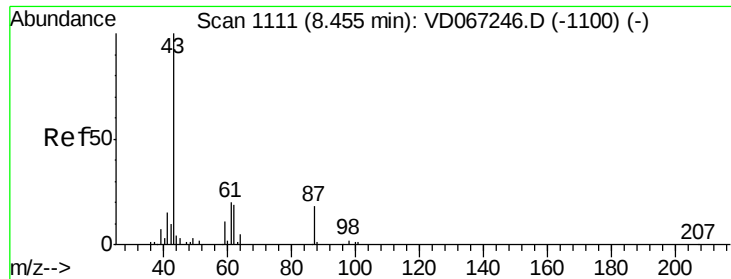
Acq: 13 Oct 2020 10:55

Tgt Ion:	62	Resp:	37547
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

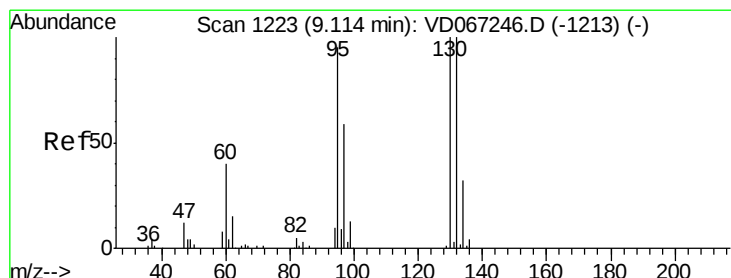
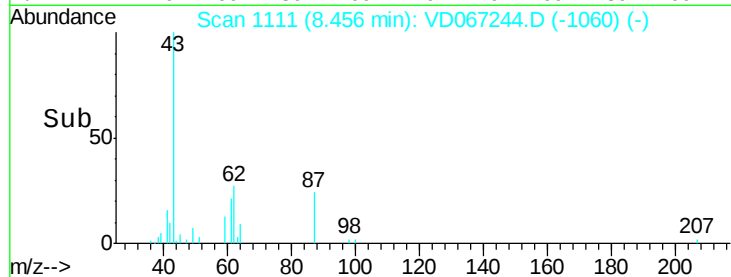
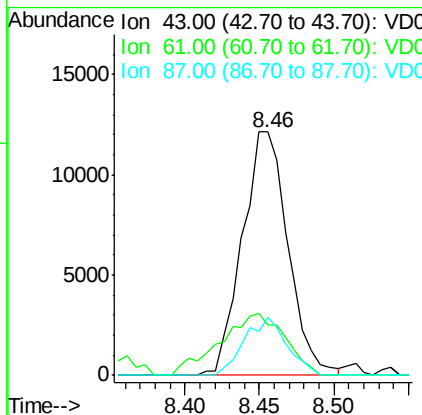
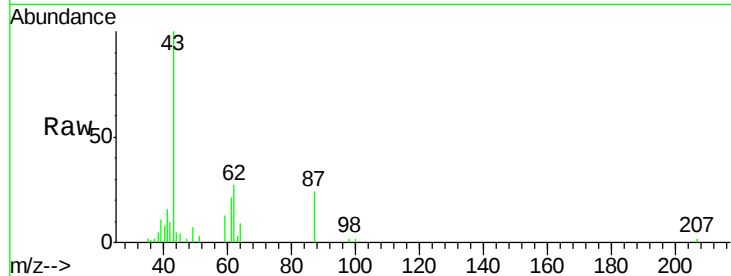
Isopropyl Acetate
 Concen: 10.532 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	36.3	29.5	44.3
87	22.0	14.2	21.4

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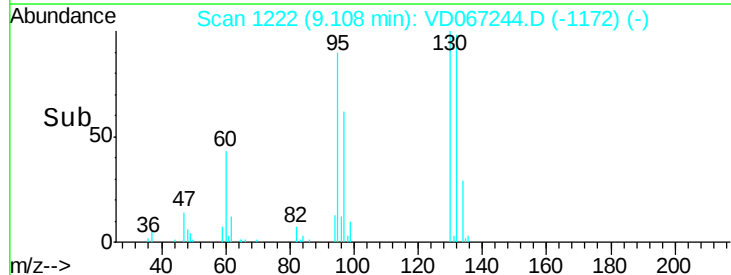
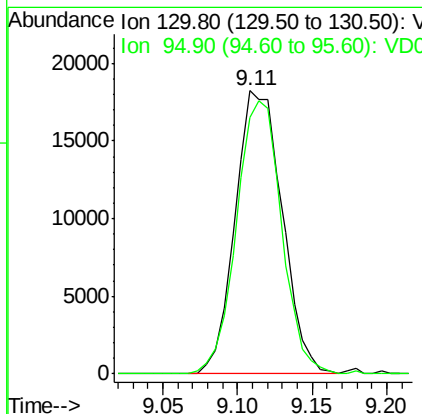
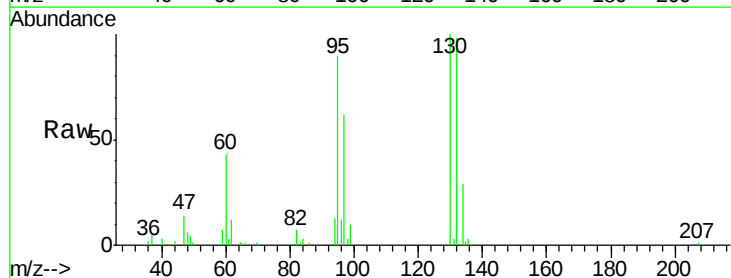
MMDadoda
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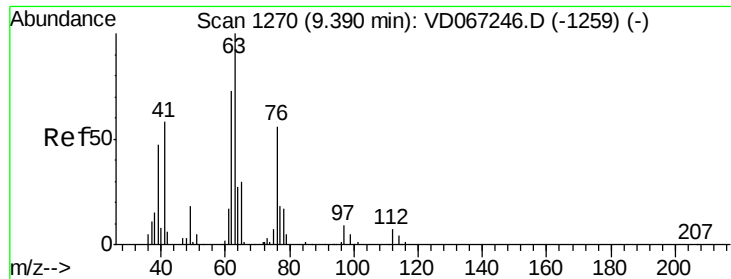


#44

Trichloroethene
 Concen: 10.504 ug/l
 RT: 9.11 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	190.6





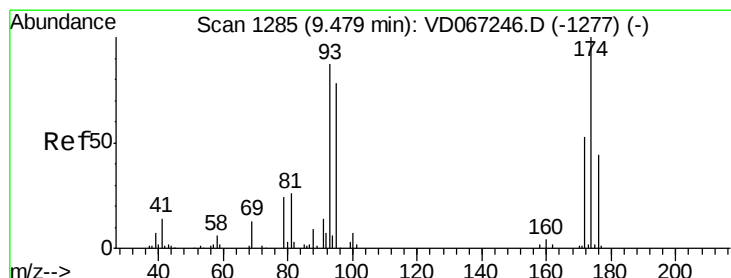
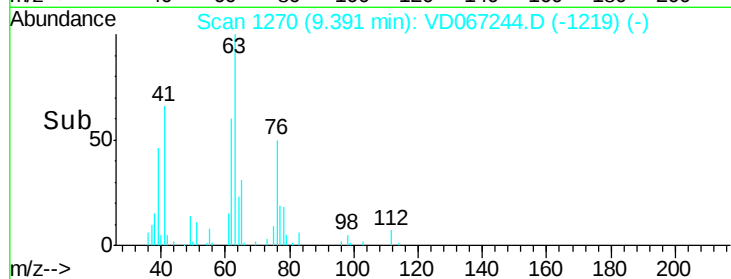
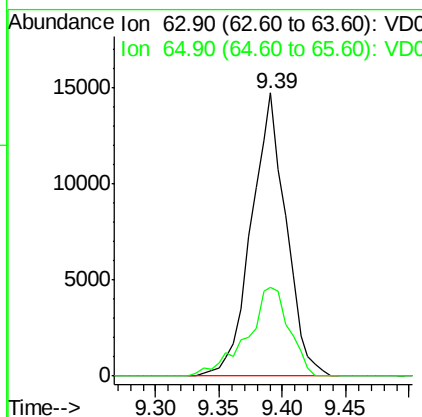
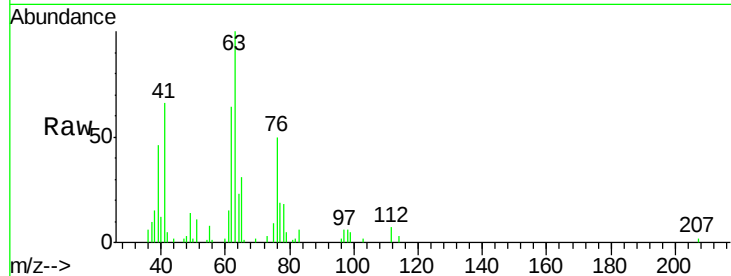
#45
 1,2-Dichloropropane
 Concen: 10.307 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	36.8

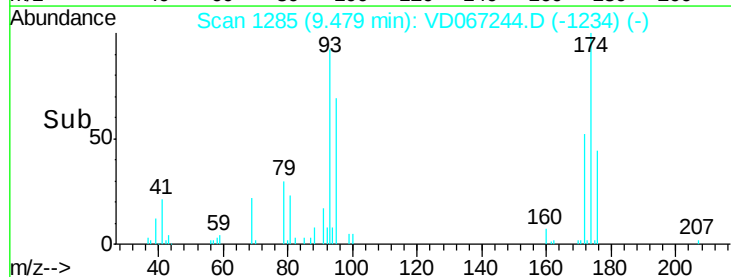
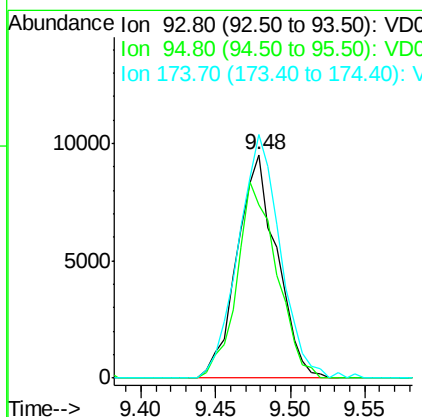
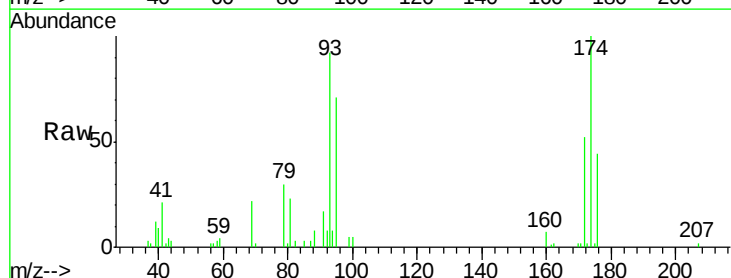
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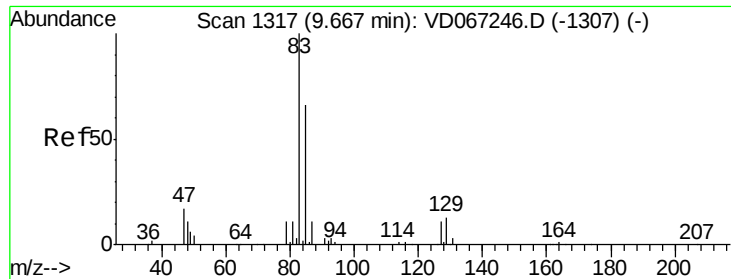
MMDadoda
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#46
 Dibromomethane
 Concen: 10.263 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	87.5	68.0	102.0
174	114.9	91.8	137.6





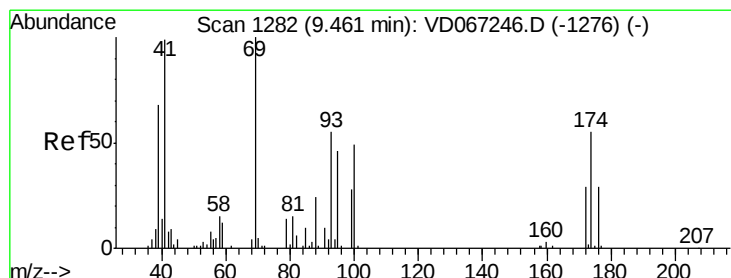
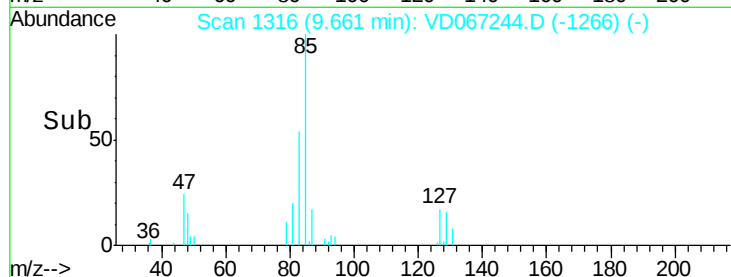
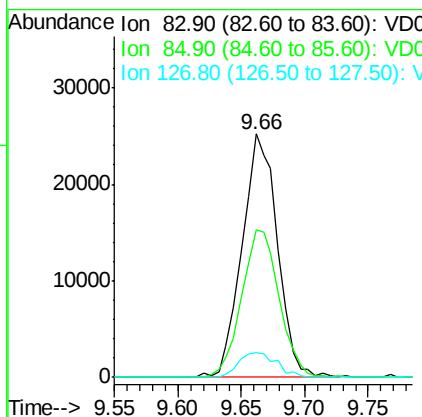
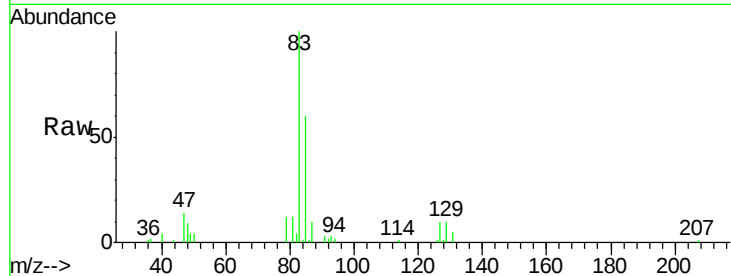
#47
Bromodichloromethane
Concen: 10.736 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	48786
Ion Ratio	100		
85	60.5	53.1	79.7
127	10.1	8.6	13.0

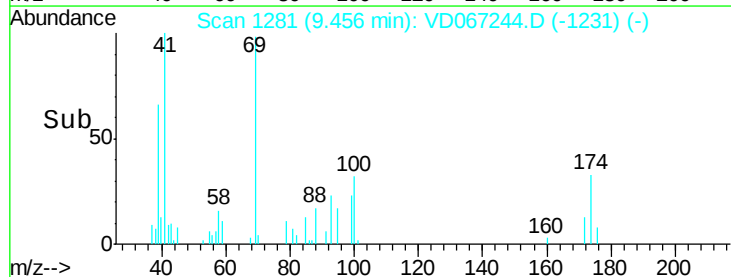
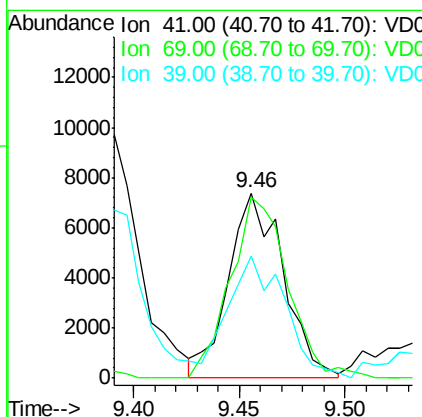
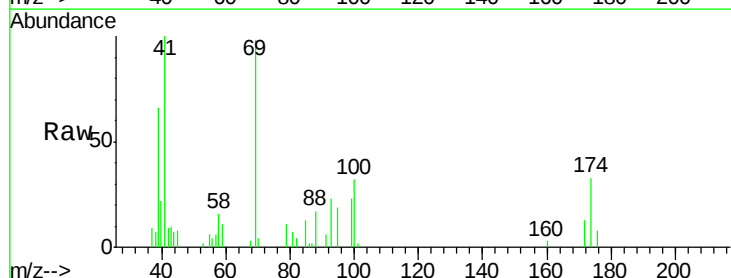
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#48
Methyl methacrylate
Concen: 11.148 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	41	Resp	13289
Ion Ratio	100		
69	102.4	89.0	133.6
39	68.1	60.2	90.2





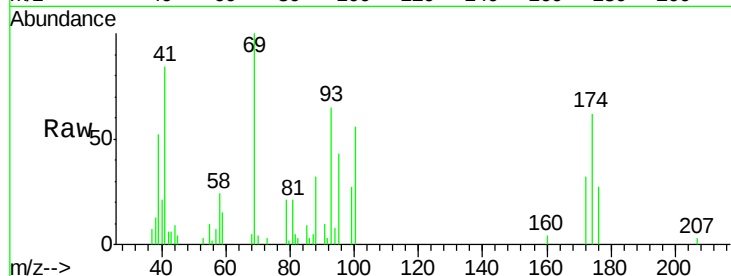
#49
1,4-Dioxane
Concen: 191.805 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

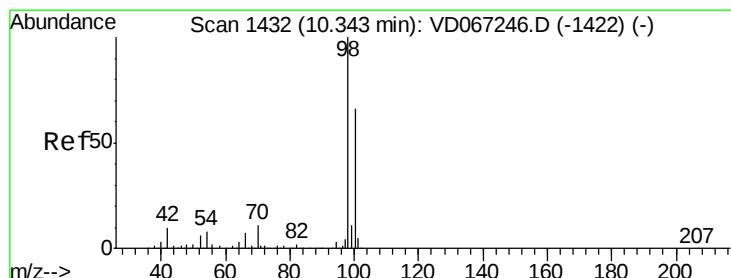
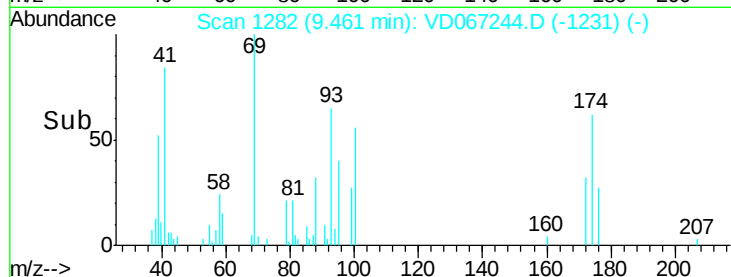
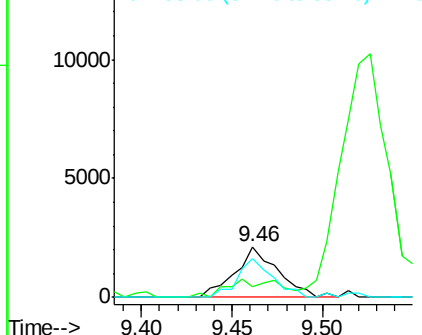
Tot Ion	Ratio	Lower	Upper
88	100		
43	23.1	23.9	35.9#
58	62.0	51.0	76.6

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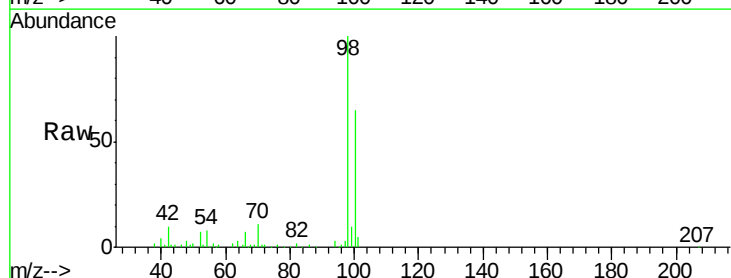


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

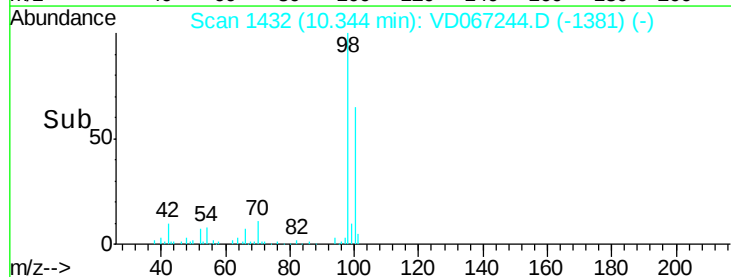
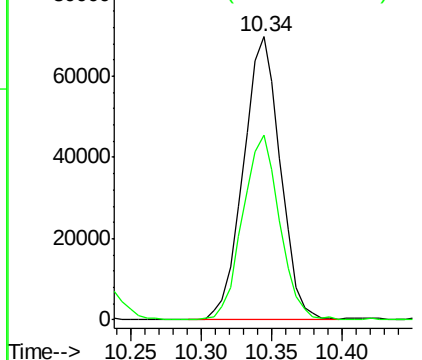


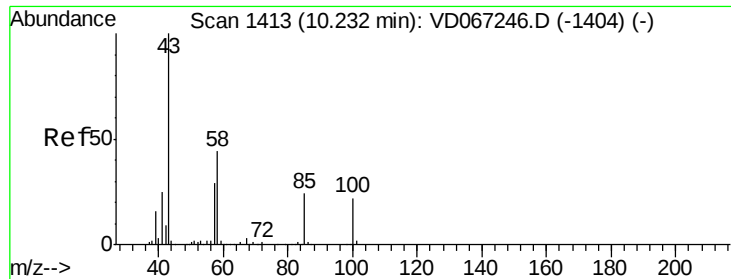
#50
Toluene-d8
Concen: 10.677 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 53.105 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 65938

Ion Ratio Lower Upper

43 100

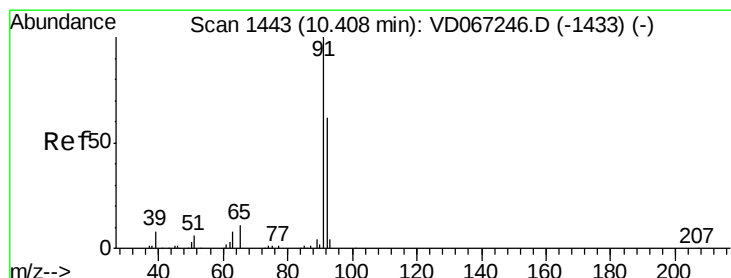
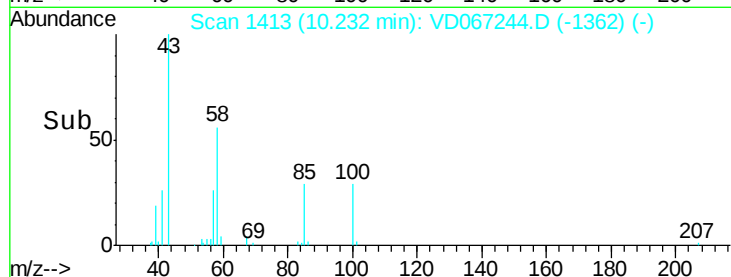
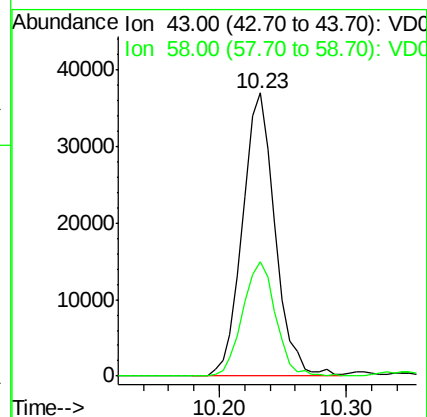
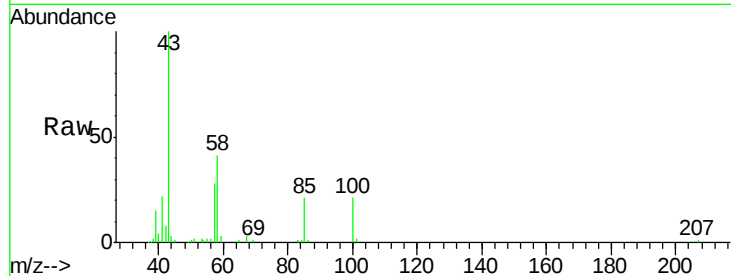
58 41.0 35.7 53.5

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#52

Toluene

Concen: 10.517 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD067244.D

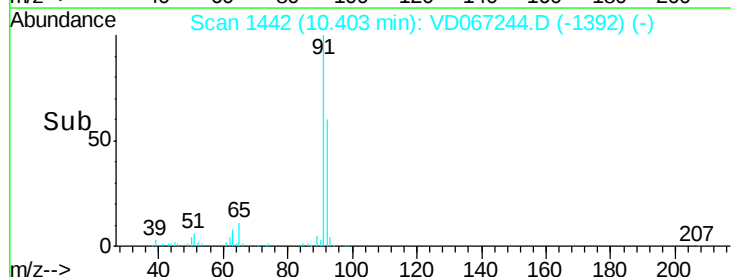
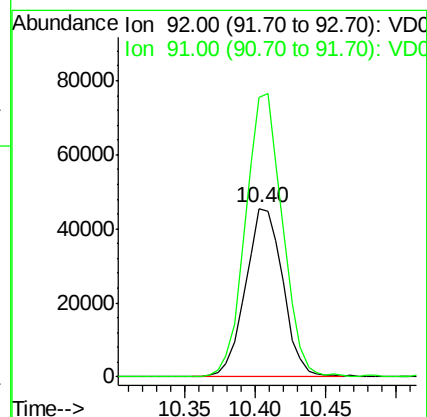
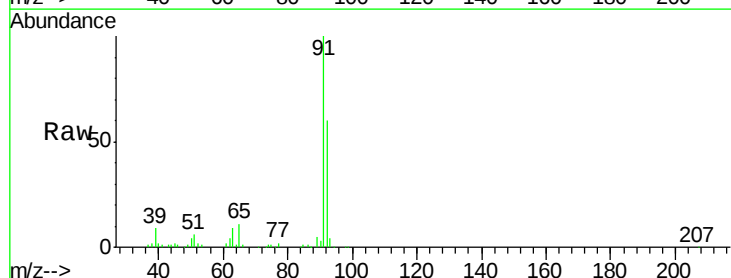
Acq: 13 Oct 2020 10:55

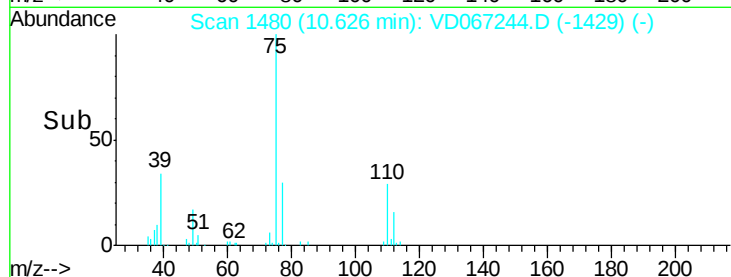
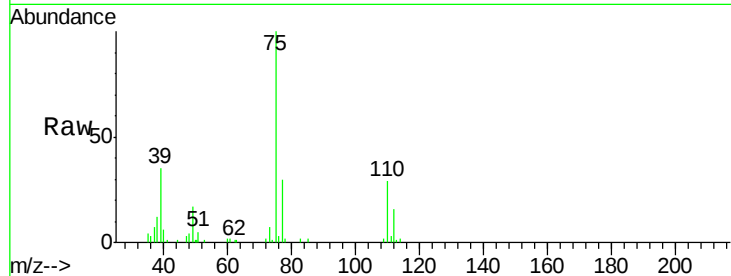
Tgt Ion: 92 Resp: 84497

Ion Ratio Lower Upper

92 100

91 166.6 133.8 200.8





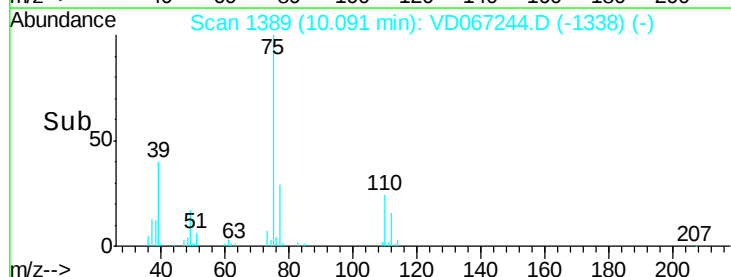
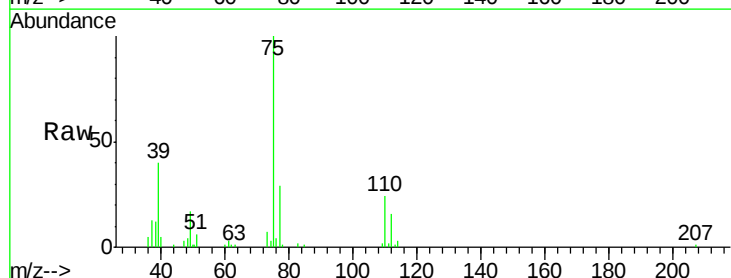
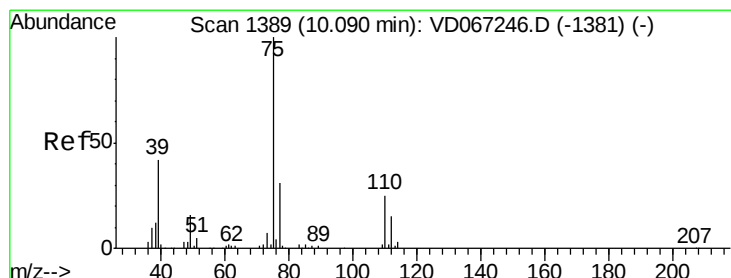
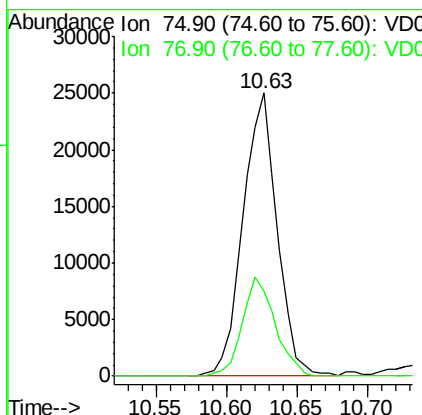
#53
t-1,3-Dichloropropene
Concen: 10.712 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tot Ion: 75 Resp: 42342
Ion Ratio Lower Upper
75 100
77 29.8 26.5 39.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

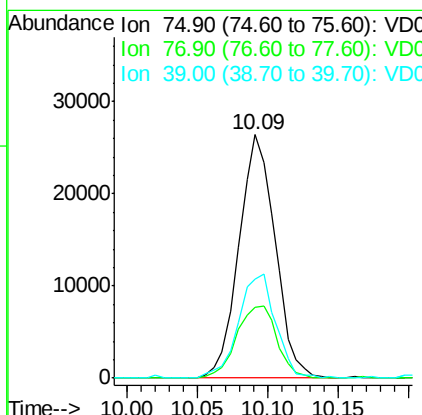
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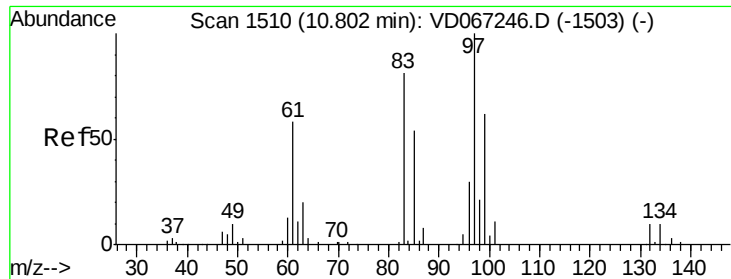
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#54
cis-1,3-Dichloropropene
Concen: 10.253 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 75 Resp: 47479
Ion Ratio Lower Upper
75 100
77 28.9 24.5 36.7
39 40.4 33.7 50.5





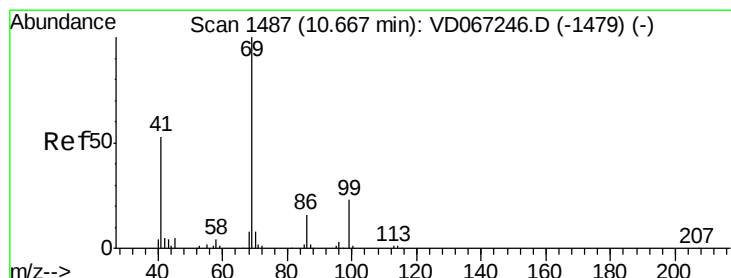
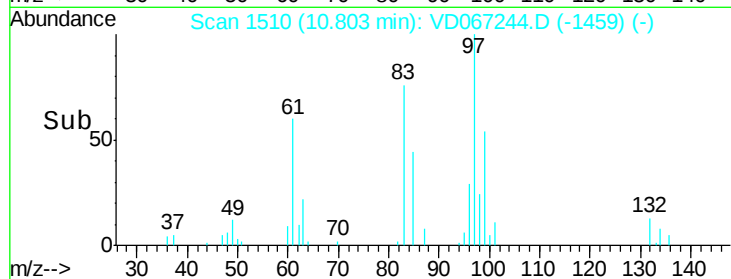
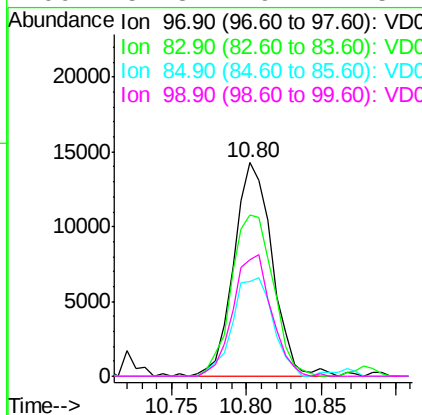
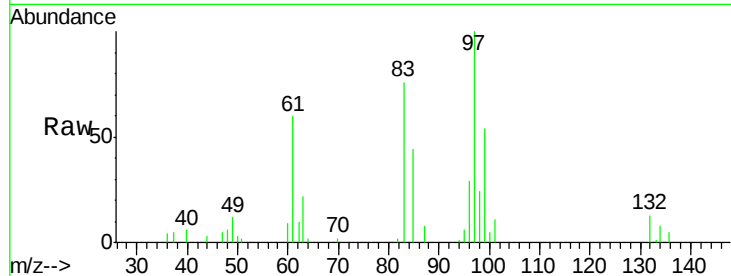
#55
 1,1,2-Trichloroethane
 Concen: 10.847 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	75.8	64.9	97.3
85	44.2	43.3	64.9
99	54.3	49.1	73.7

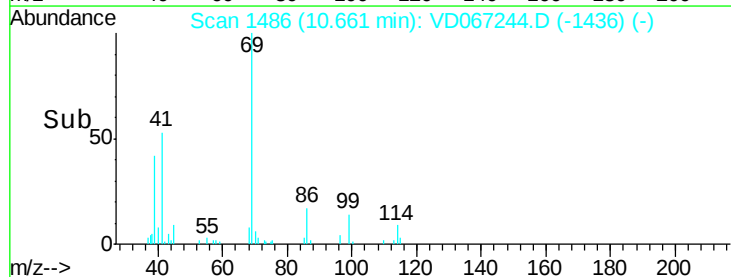
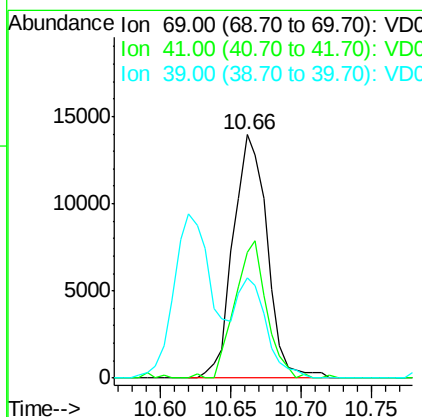
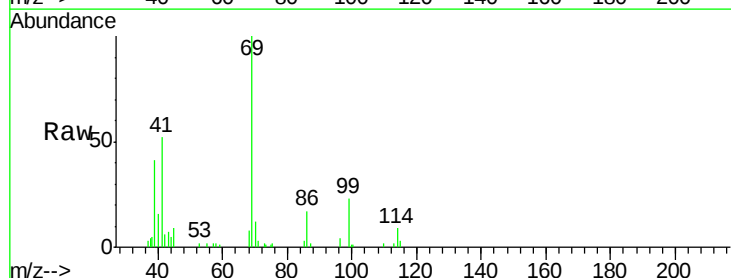
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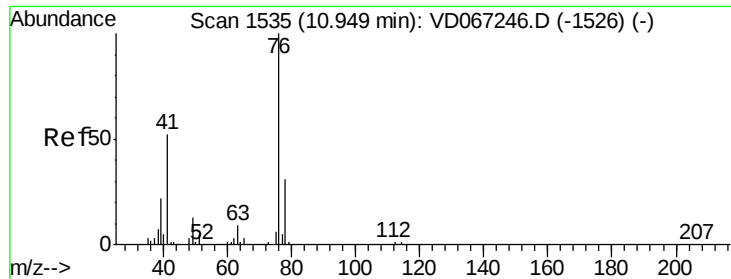
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#56
 Ethyl methacrylate
 Concen: 10.210 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.5	44.7	67.1
39	35.1	26.2	39.2





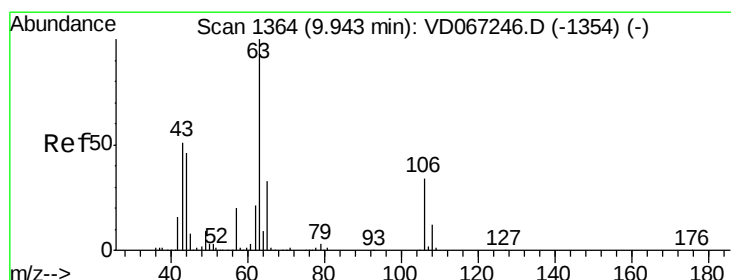
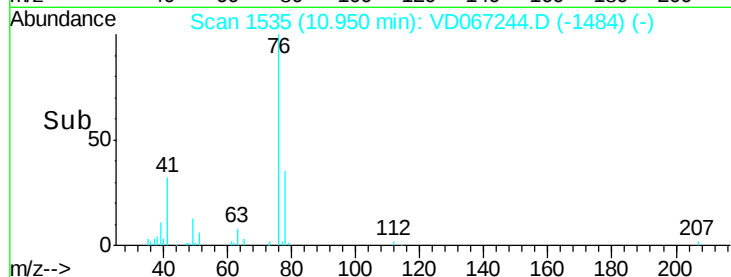
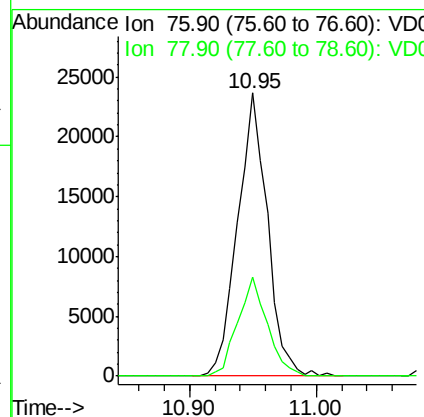
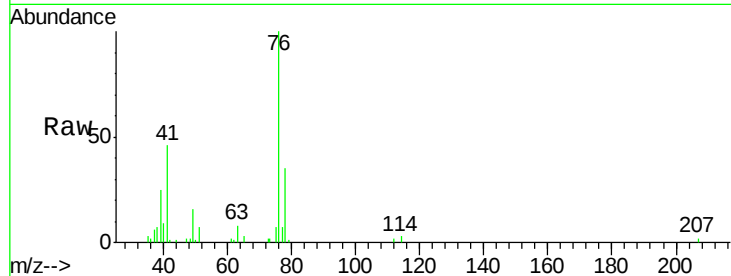
#57
 1,3-Dichloropropane
 Concen: 10.427 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 38460
 Ion Ratio Lower Upper
 76 100
 78 34.8 26.8 40.2

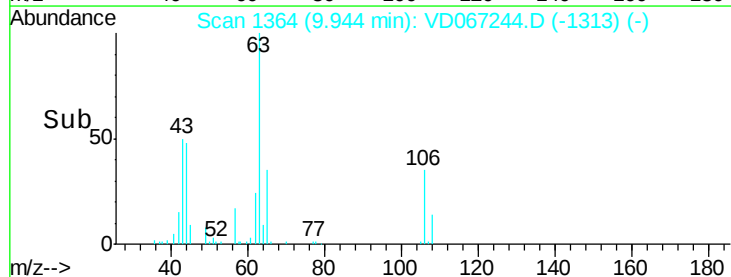
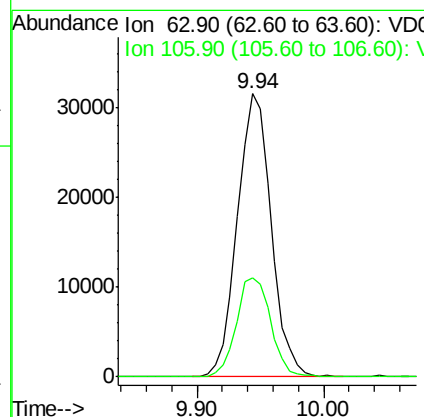
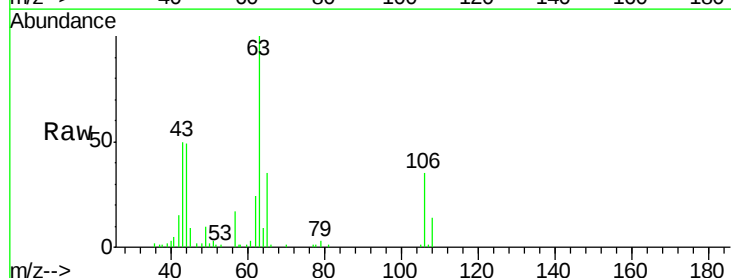
Manual Integrations
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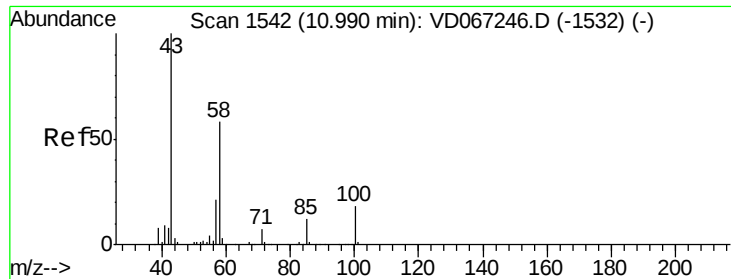
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#58
 2-Chloroethyl Vinyl ether
 Concen: 48.911 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion: 63 Resp: 57996
 Ion Ratio Lower Upper
 63 100
 106 35.5 27.8 41.6





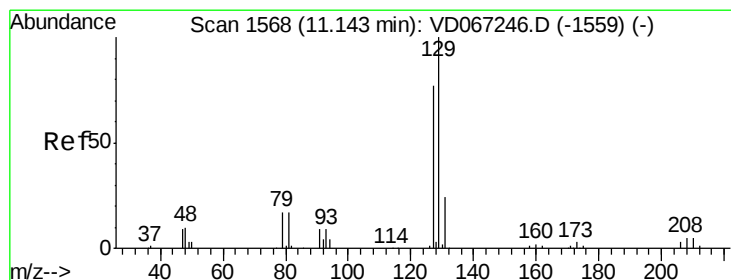
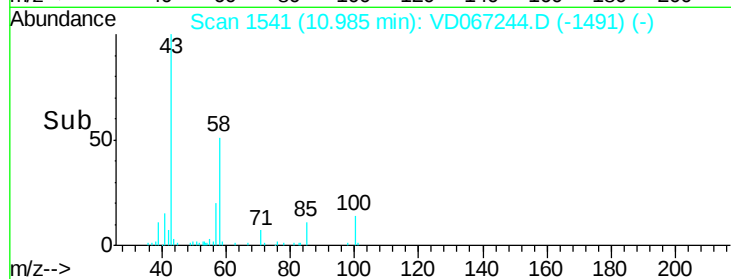
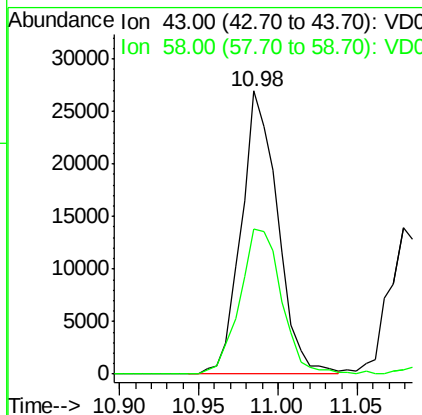
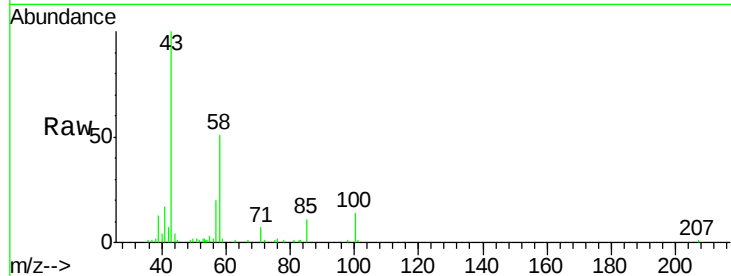
#59
2-Hexanone
Concen: 51.543 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 43096
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9

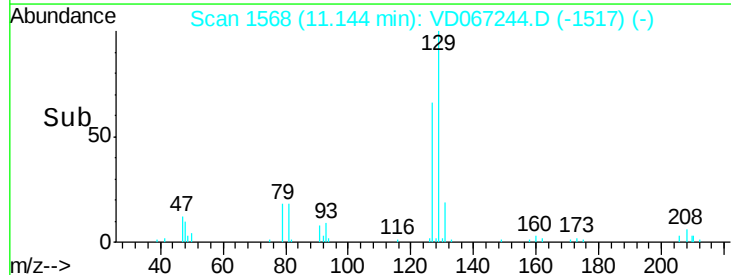
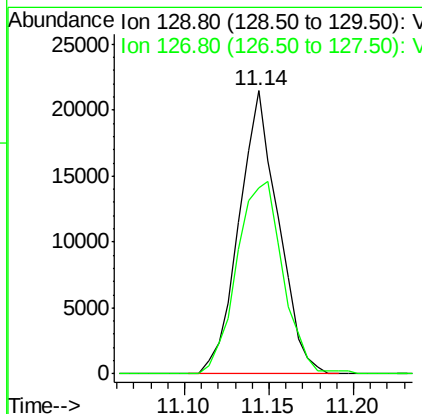
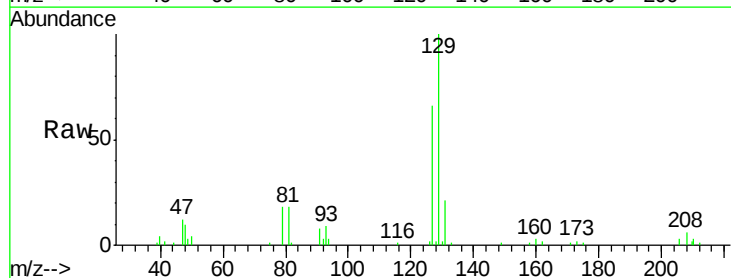
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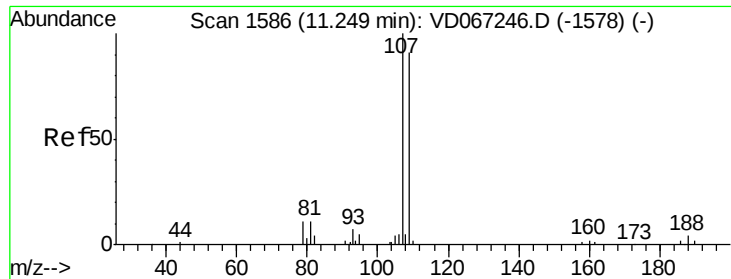
MMDadoda
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#60
Dibromochloromethane
Concen: 10.202 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 129 Resp: 34717
Ion Ratio Lower Upper
129 100
127 79.8 38.3 114.8





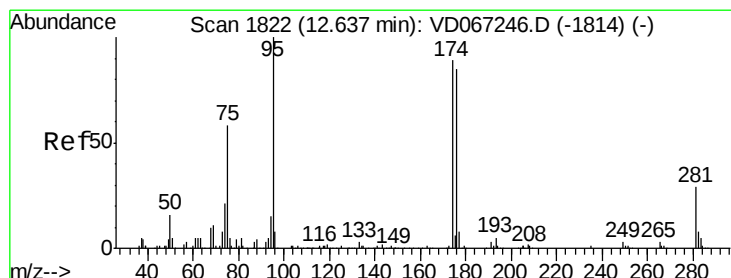
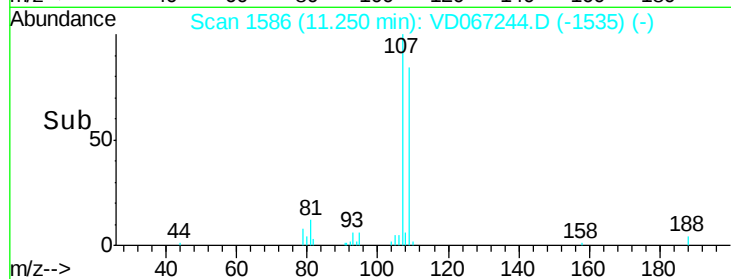
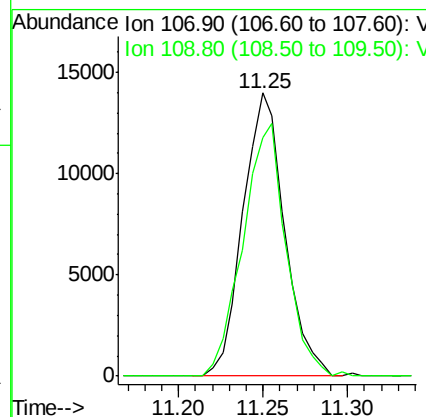
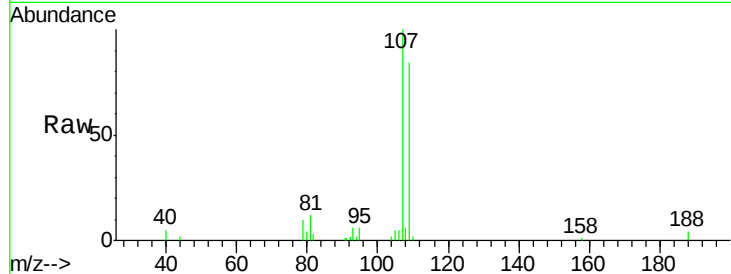
#61
 1,2-Dibromoethane
 Concen: 10.453 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	74.6	112.0

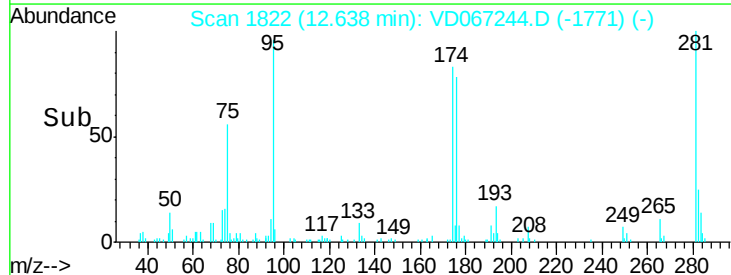
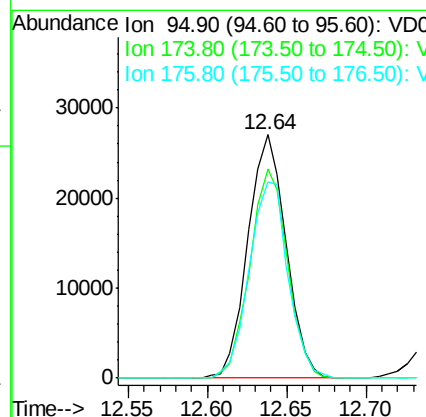
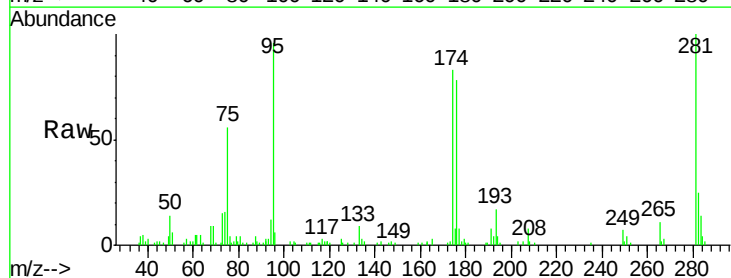
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#62
 4-Bromofluorobenzene
 Concen: 10.861 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	175.2
176	82.4	0.0	168.6





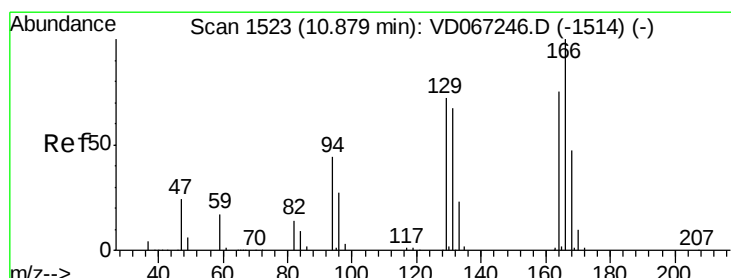
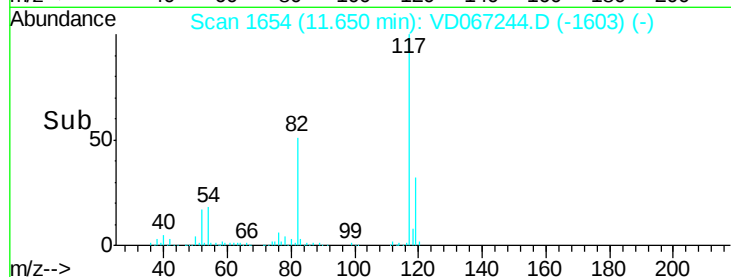
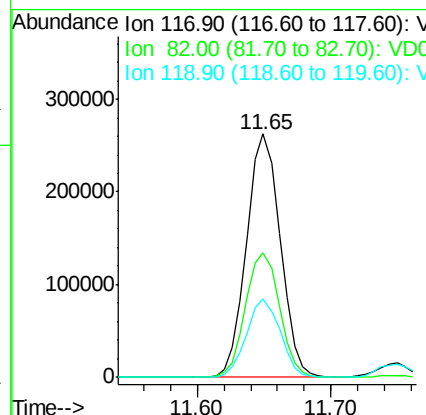
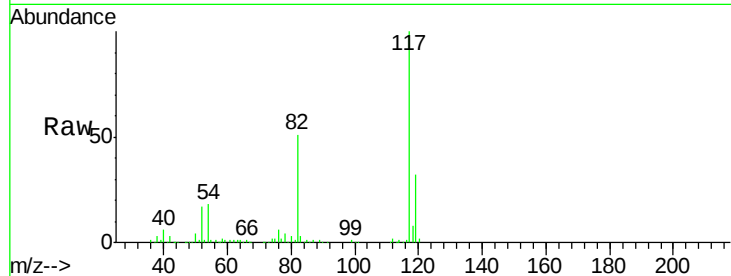
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	39.9	59.9
119	32.4	24.9	37.3

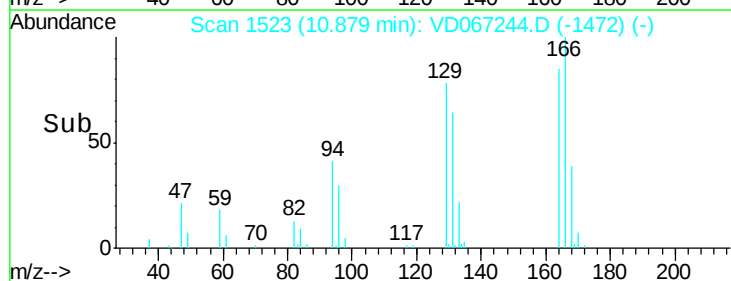
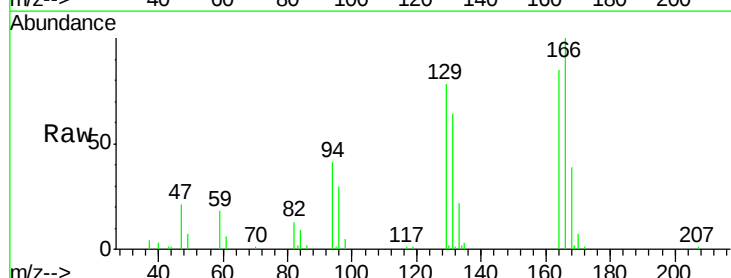
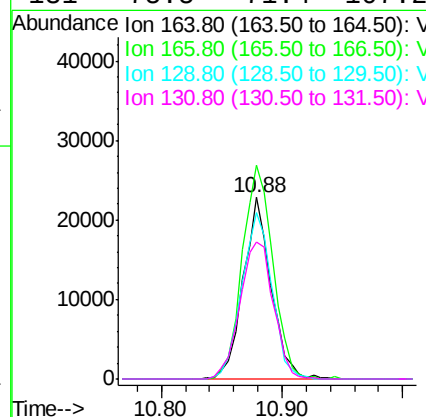
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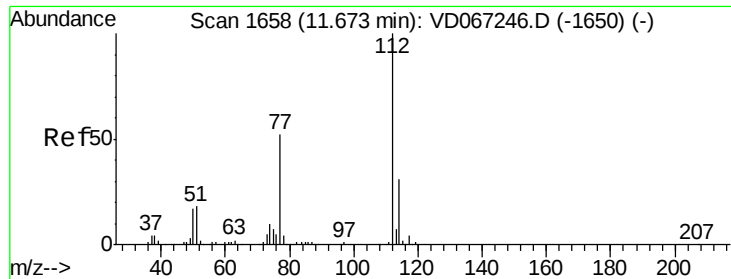
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#64
Tetrachloroethene
Concen: 10.573 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.8	107.3	160.9
129	92.0	77.3	115.9
131	75.5	71.4	107.2





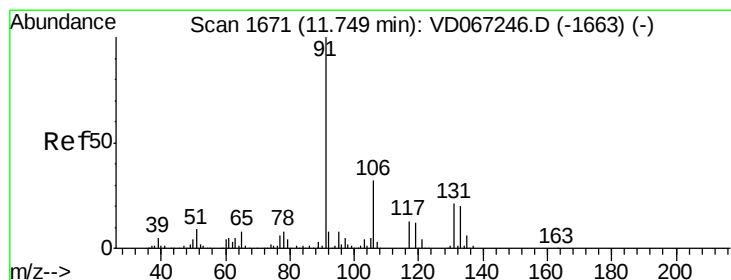
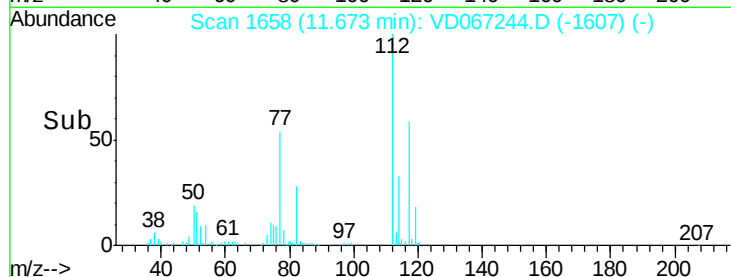
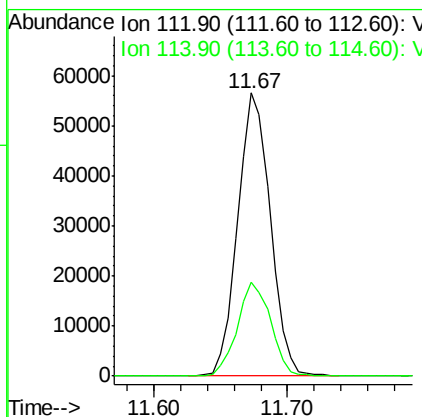
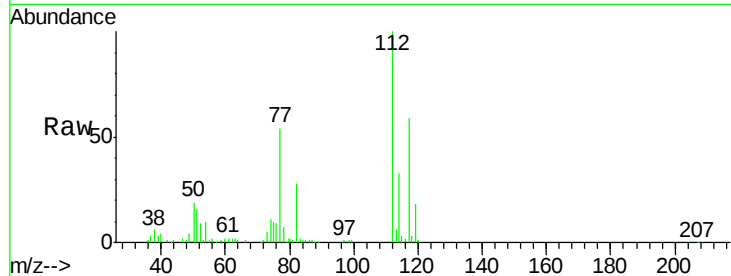
#65
Chlorobenzene
Concen: 10.444 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 95468
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

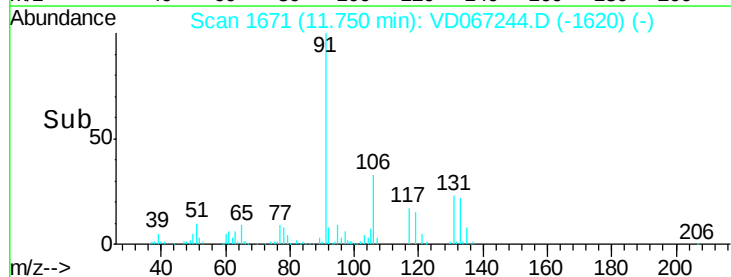
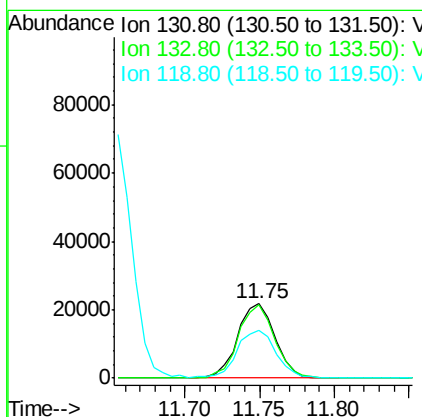
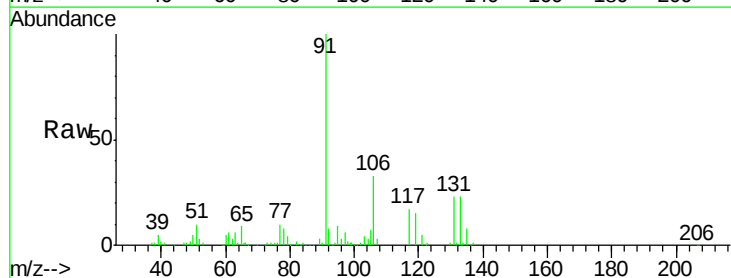
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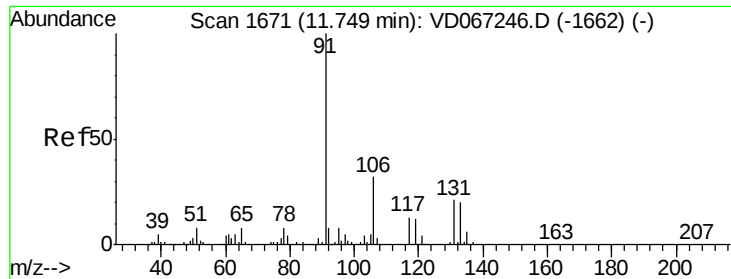
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.403 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion:131 Resp: 37762
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 67.5 30.0 90.0





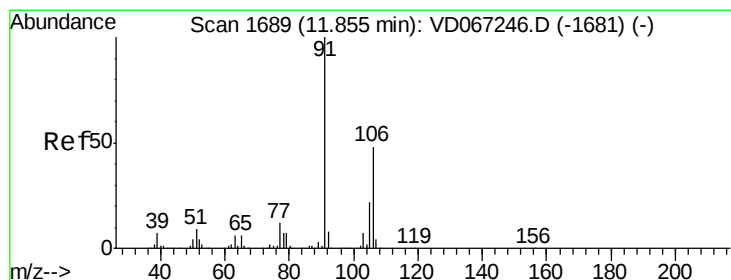
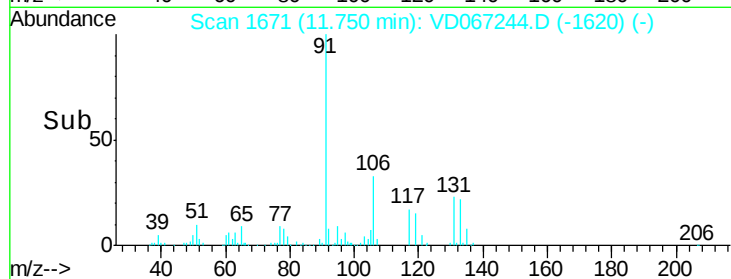
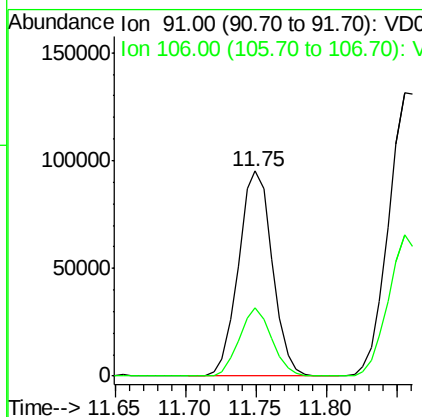
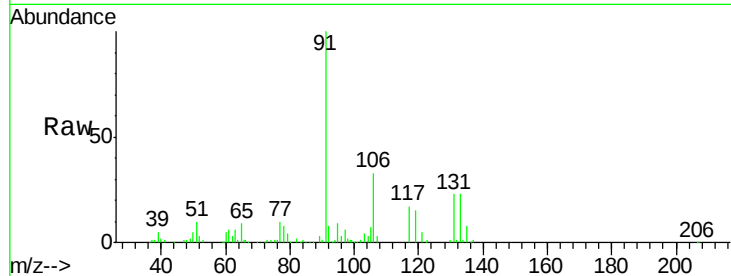
#67
Ethyl Benzene
Concen: 10.418 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 160223
Ion Ratio Lower Upper
91 100
106 33.4 25.4 38.0

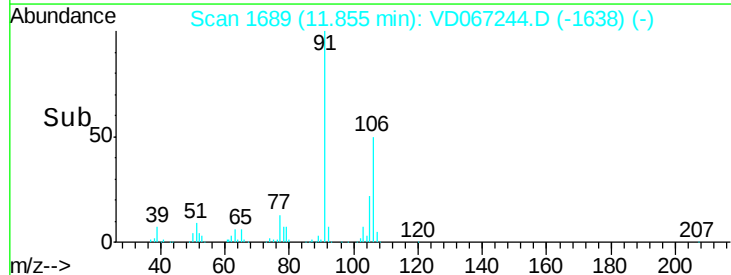
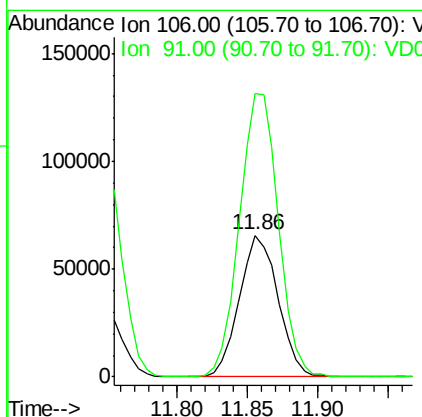
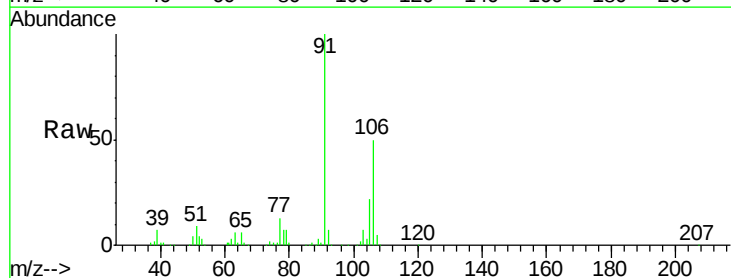
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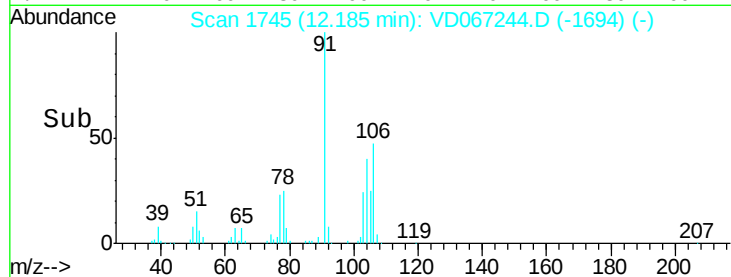
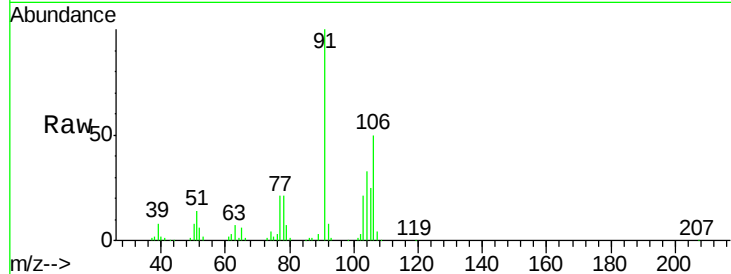
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#68
m/p-Xylenes
Concen: 21.145 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion: 106 Resp: 126350
Ion Ratio Lower Upper
106 100
91 200.8 163.8 245.8





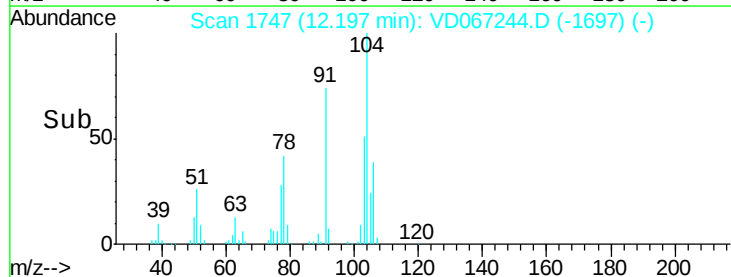
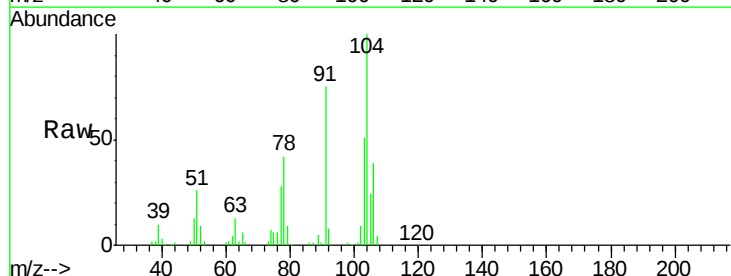
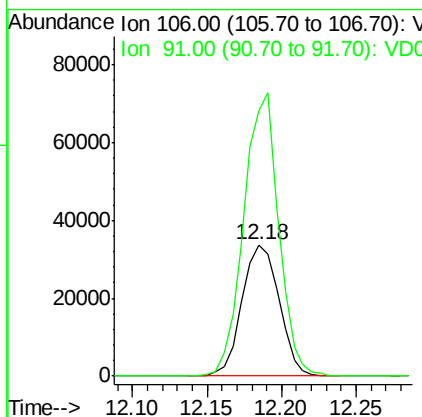
#69
o-Xylene
Concen: 10.546 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tot Ion:106 Resp: 58266
Ion Ratio Lower Upper
106 100
91 202.6 109.1 327.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

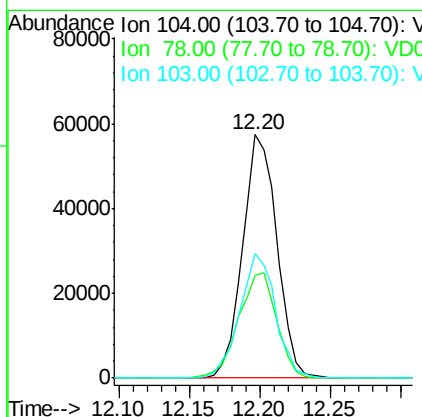
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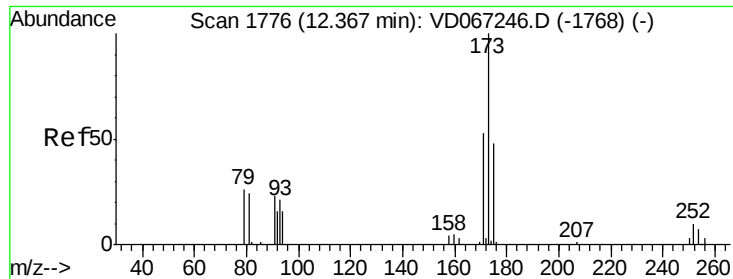
MMDadoda
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#70
Styrene
Concen: 10.320 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion:104 Resp: 97972
Ion Ratio Lower Upper
104 100
78 47.7 39.8 59.6
103 53.4 42.6 64.0





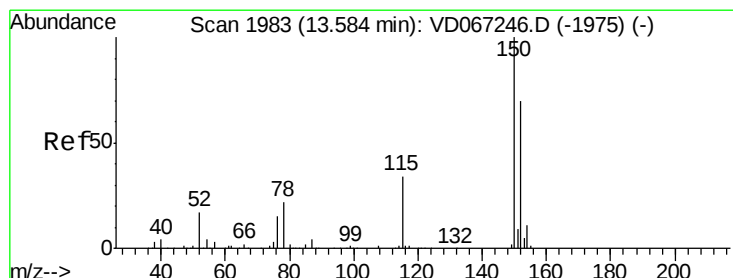
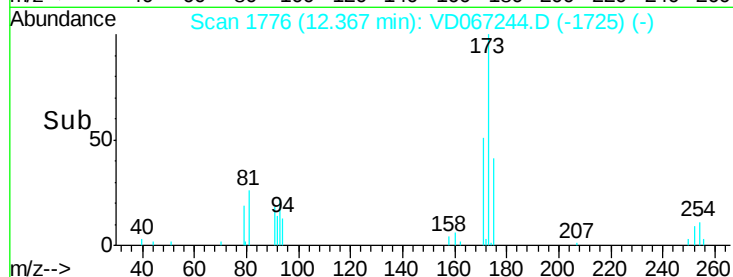
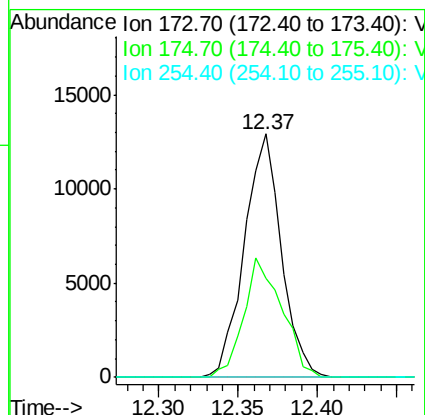
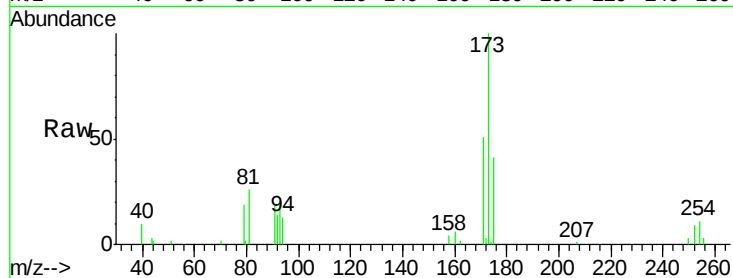
#71
Bromoform
Concen: 10.790 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.2	72.6
254	0.0	0.1	0.1#

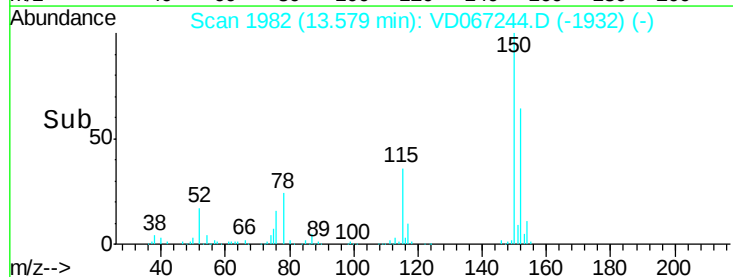
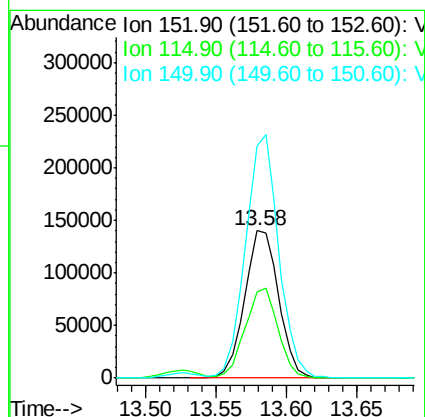
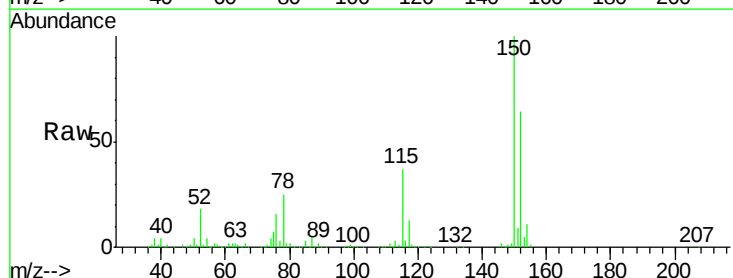
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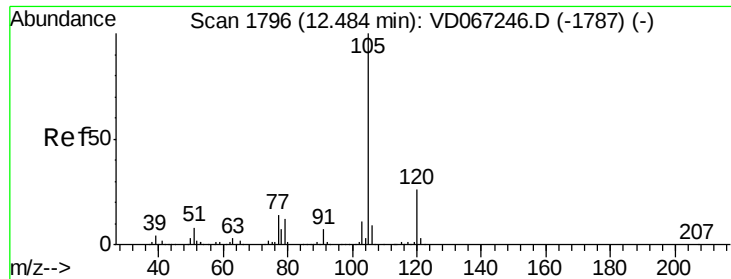
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	87.9
150	161.1	0.0	339.0





#73

Isopropylbenzene

Concen: 10.316 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 156116

Ion Ratio Lower Upper

105 100

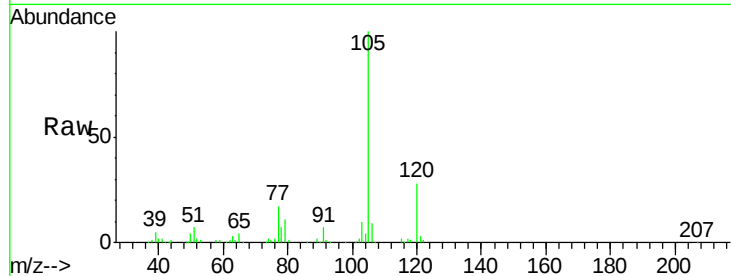
120 26.1 13.3 39.8

Manual Integrations

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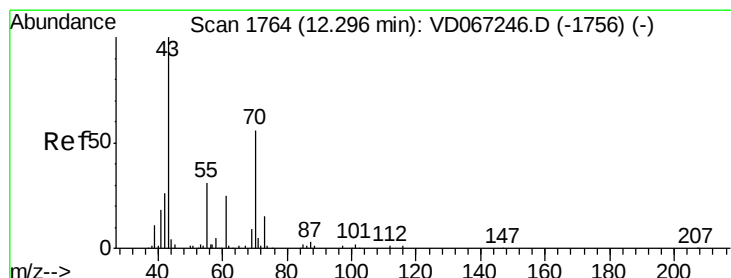
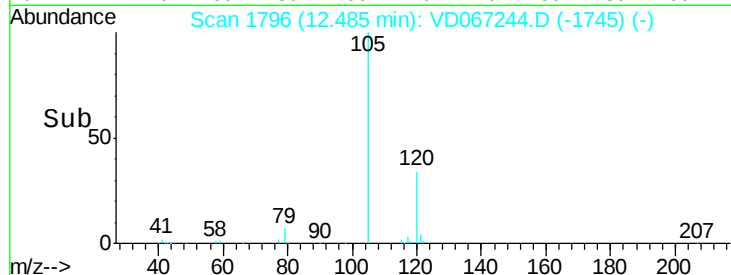
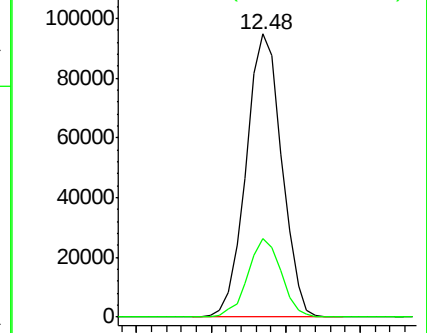
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.419 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion: 43 Resp: 23484

Ion Ratio Lower Upper

43 100

70 54.4 42.7 64.1

55 28.9 24.0 36.0

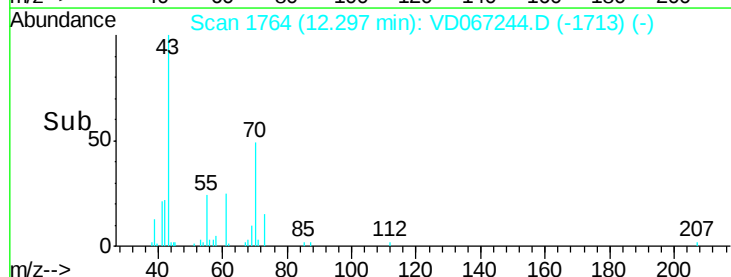
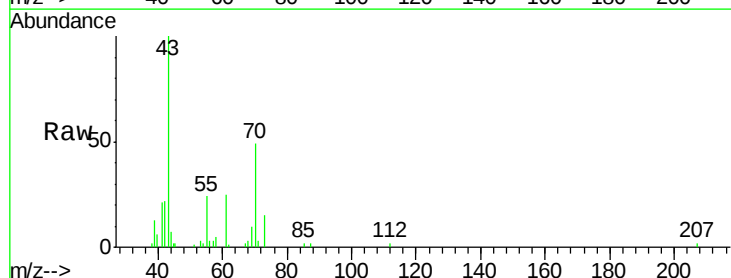
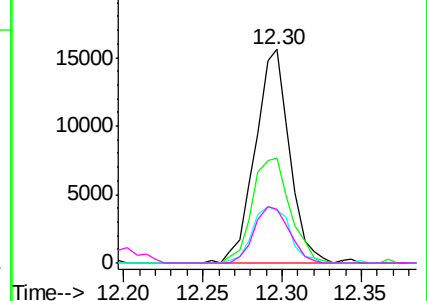
61 27.2 22.2 33.4

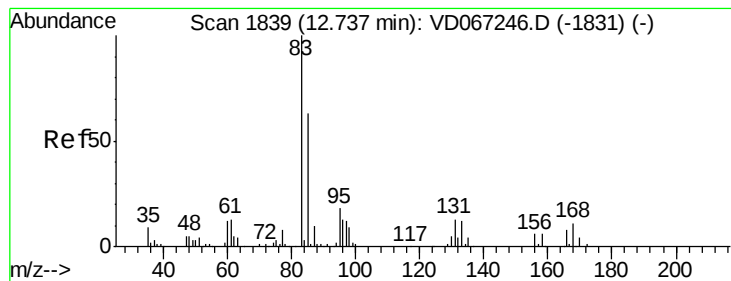
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 10.476 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

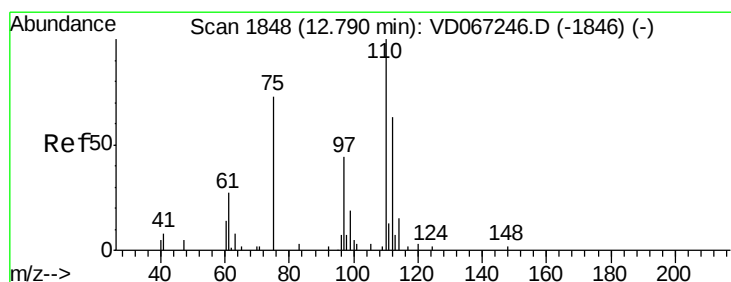
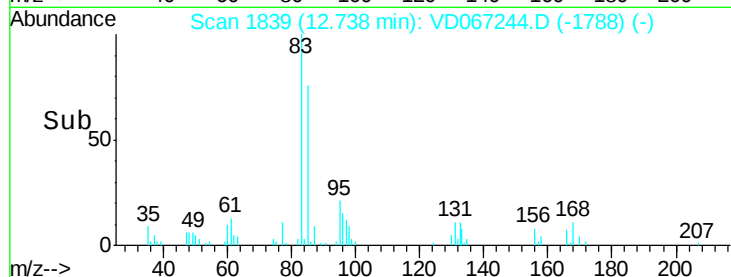
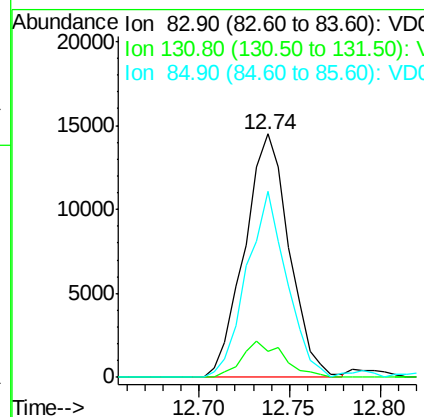
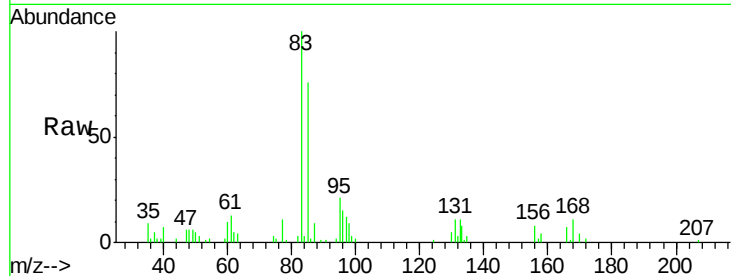
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	24783
Ion Ratio	Lower	Upper	
83	100		
131	13.8	6.5	19.5
85	68.9	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 9.576 ug/l m

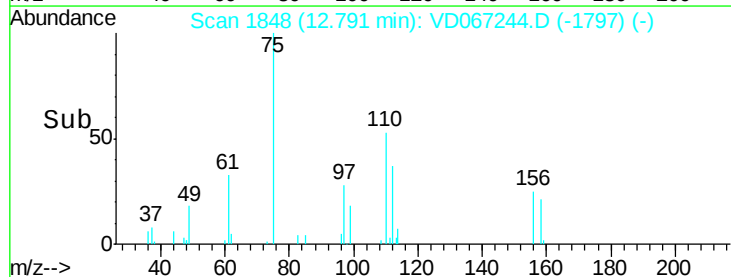
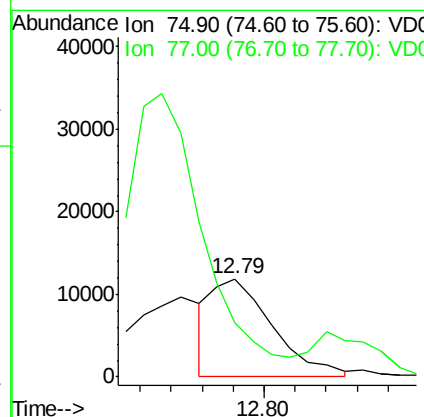
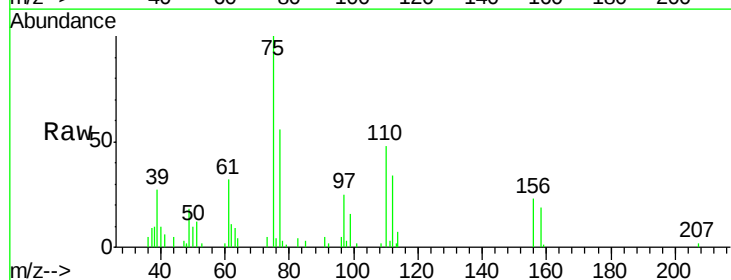
RT: 12.79 min Scan# 1848

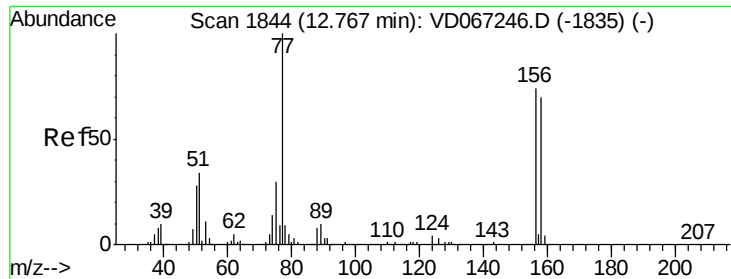
Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion:	75	Resp:	16208
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.219 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

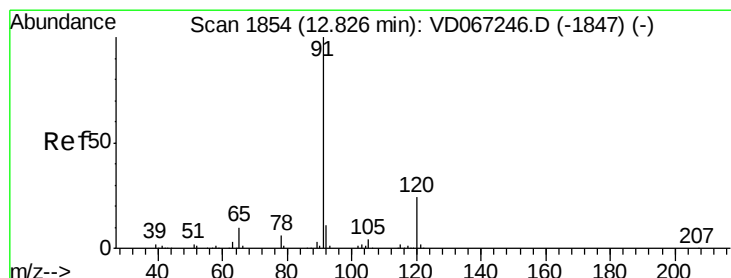
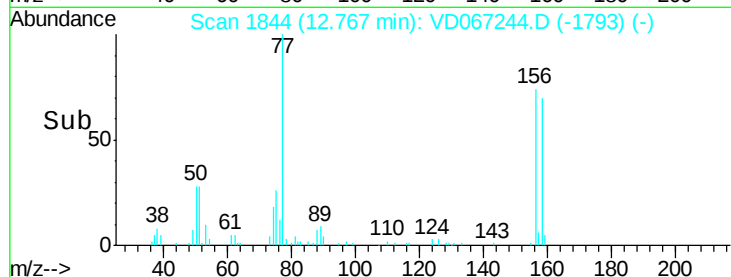
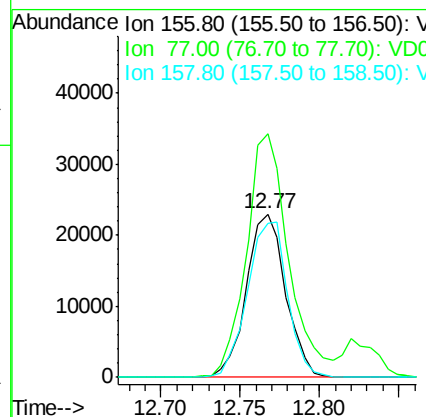
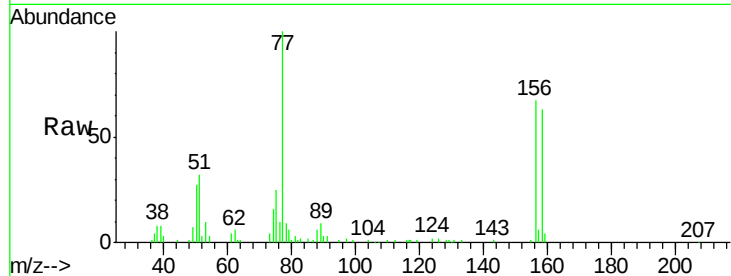
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.7	78.0	233.8
158	97.9	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 10.146 ug/l

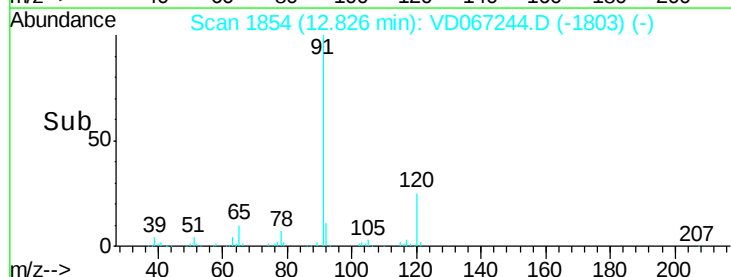
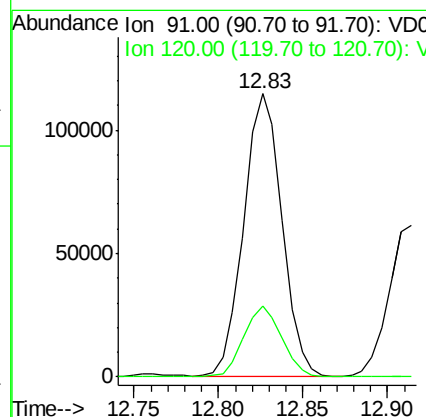
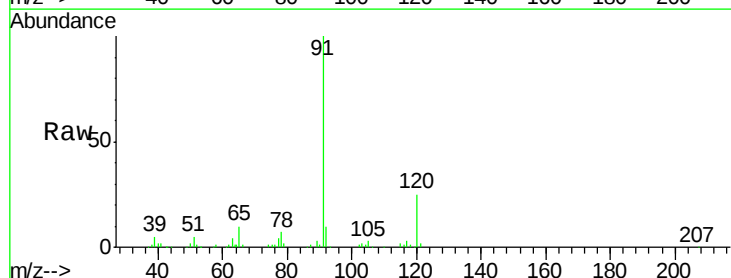
RT: 12.83 min Scan# 1854

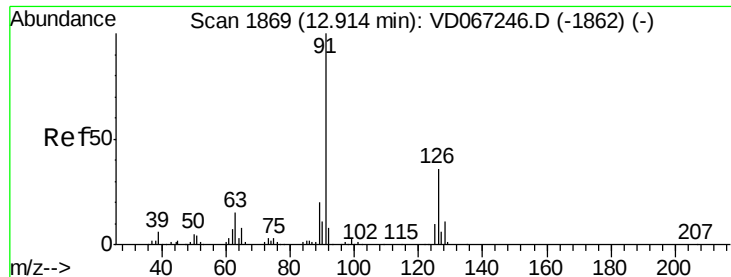
Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 10.315 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 107016

Ion Ratio Lower Upper

91 100

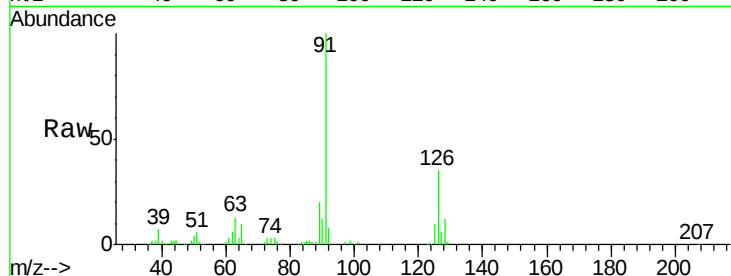
126 36.1 17.6 52.8

Manual Integrations

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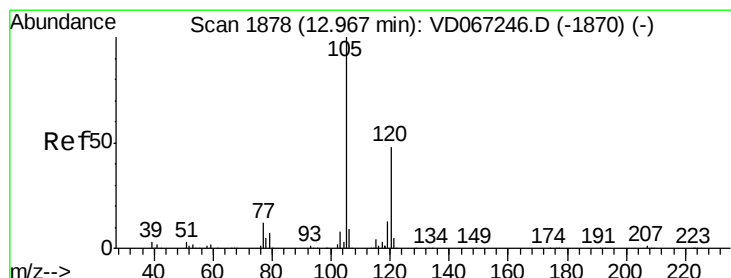
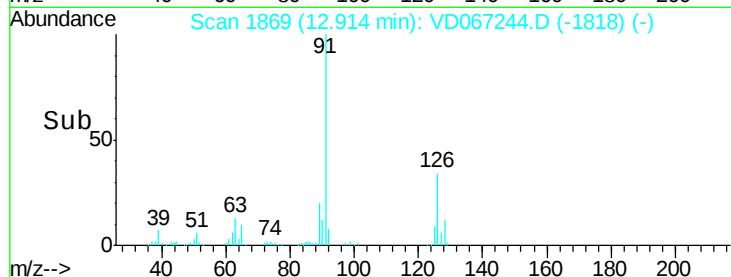
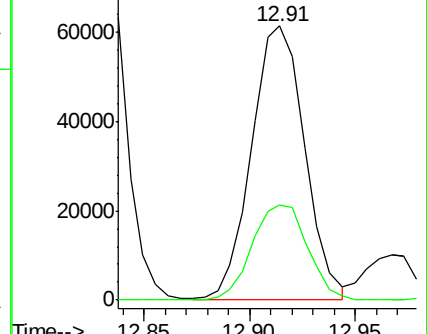
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Abundance Ion 91.00 (90.70 to 91.70): VD067244.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD067244.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.124 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067244.D

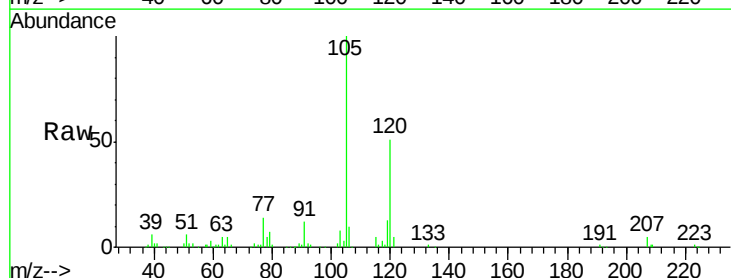
Acq: 13 Oct 2020 10:55

Tgt Ion:105 Resp: 134807

Ion Ratio Lower Upper

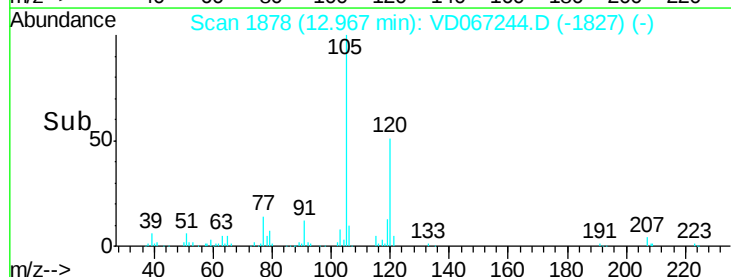
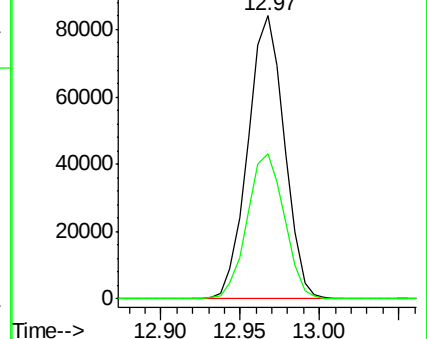
105 100

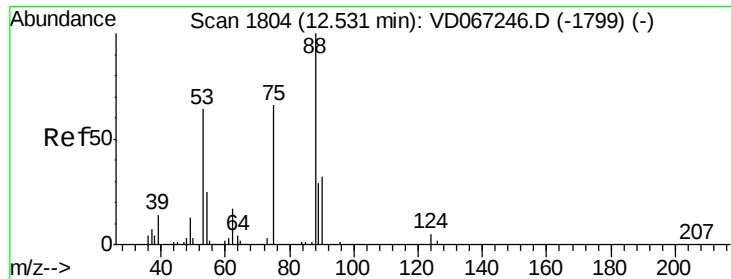
120 52.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067244.D (-1870) (-)

Ion 120.00 (119.70 to 120.70): VD067244.D (-1870) (-)





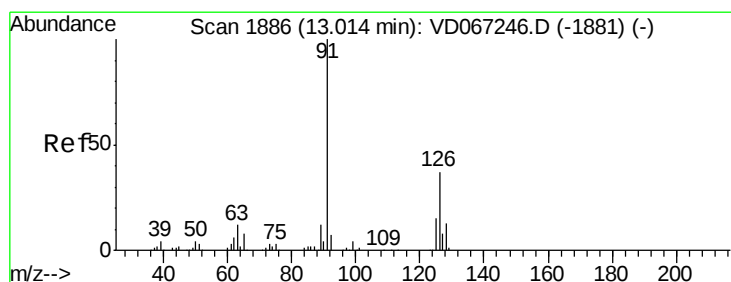
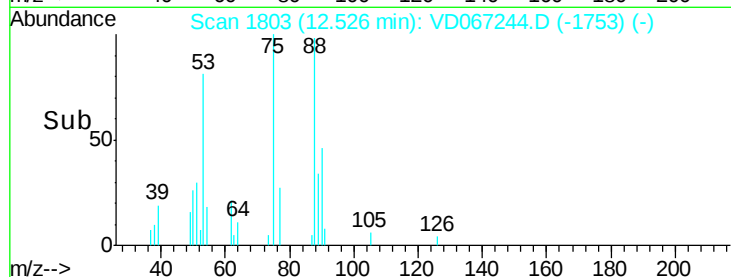
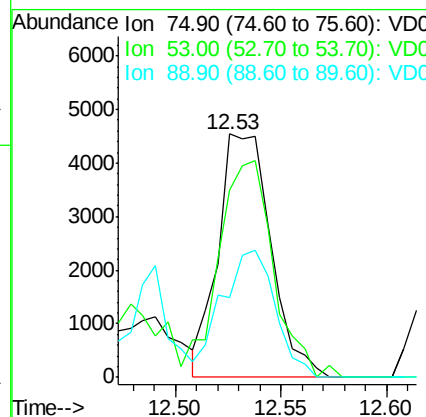
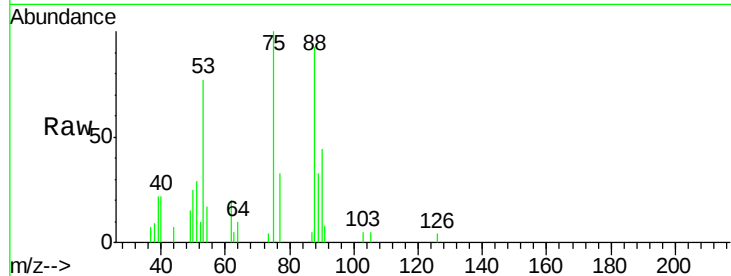
#81
trans-1,4-Dichloro-2-butene
Concen: 10.806 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	78.5	117.7
89	52.7	39.9	59.9

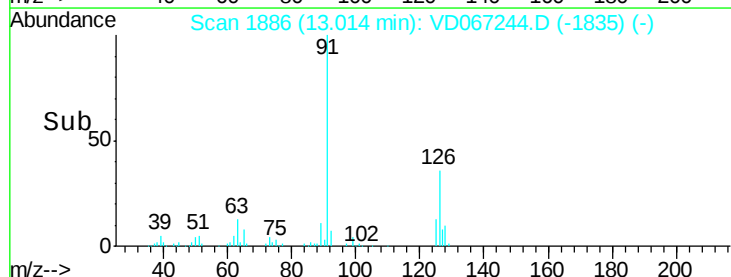
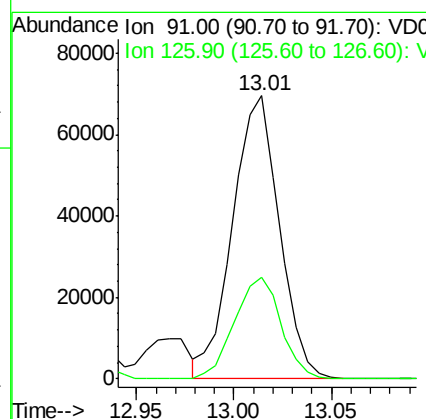
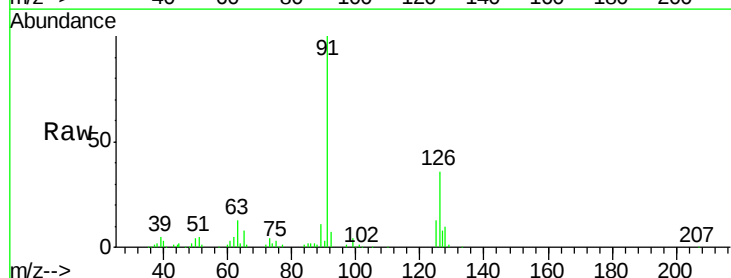
Manual Integrations
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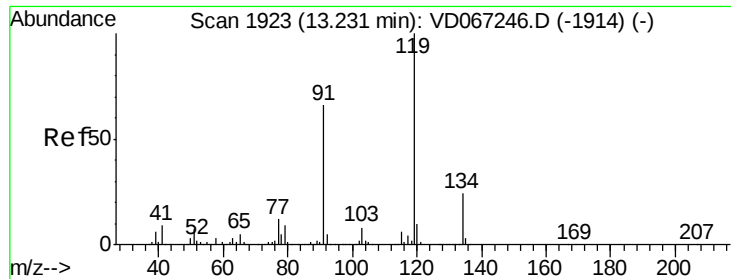
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#82
4-Chlorotoluene
Concen: 10.426 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.8	53.5





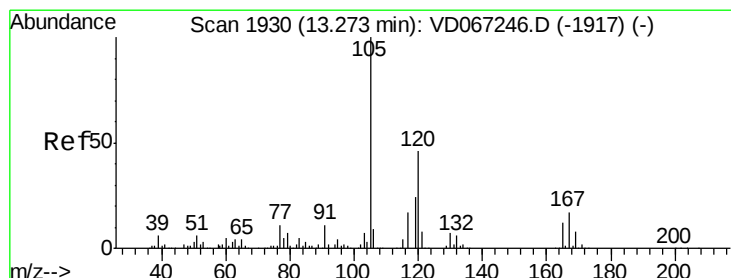
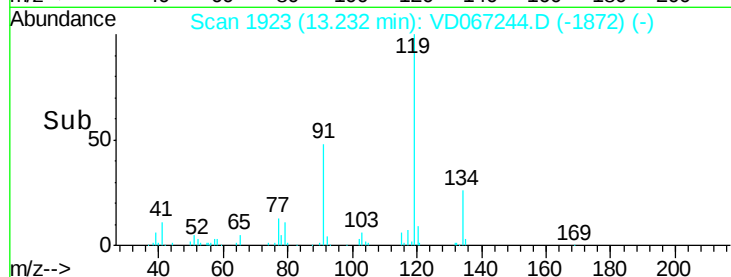
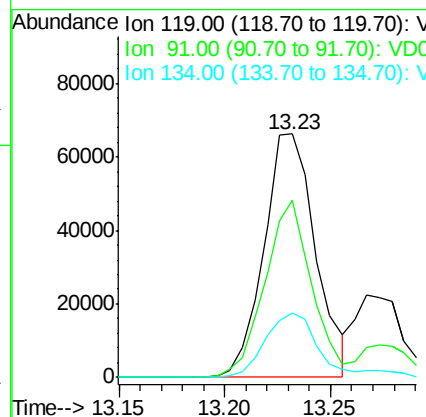
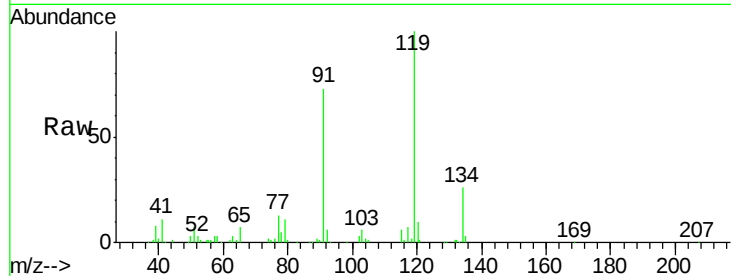
#83
tert-Butylbenzene
Concen: 10.175 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	113121		
91	65.6	33.1	99.2	
134	26.1	13.3	39.9	

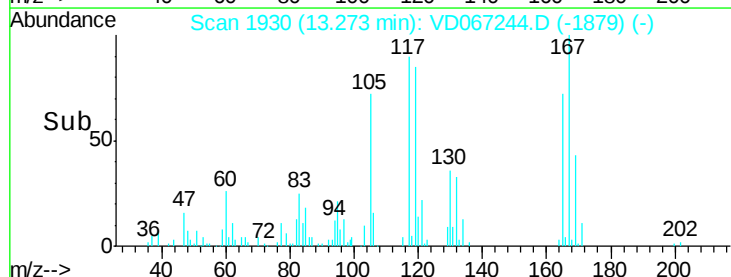
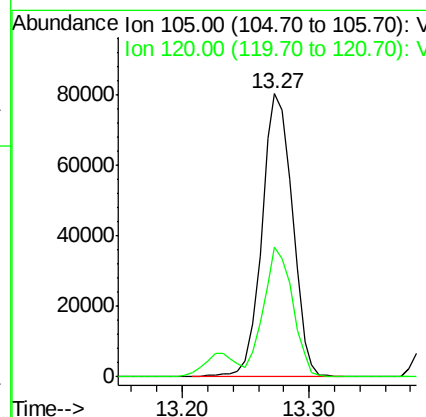
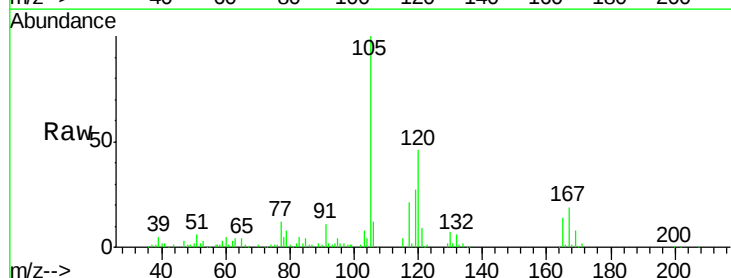
Manual Integrations
APPROVED

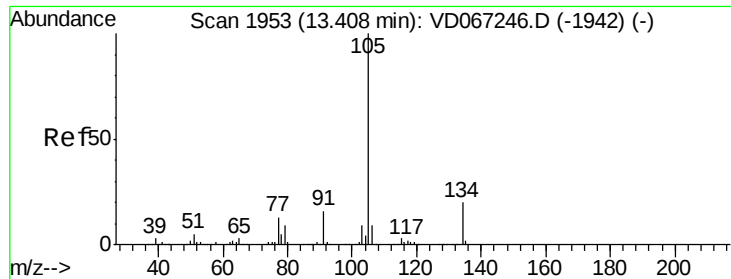
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#84
1,2,4-Trimethylbenzene
Concen: 10.318 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	135192		
120	43.7	22.4	67.3	





#85

sec-Butylbenzene

Concen: 10.290 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 158646

Ion Ratio Lower Upper

105 100

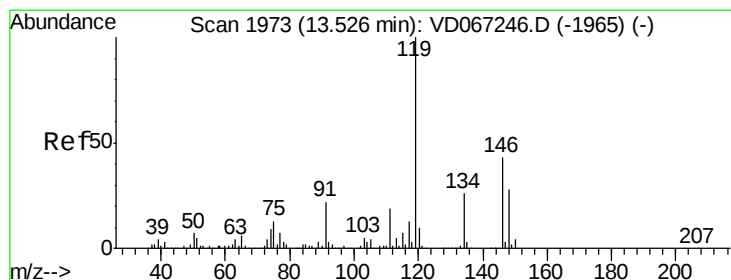
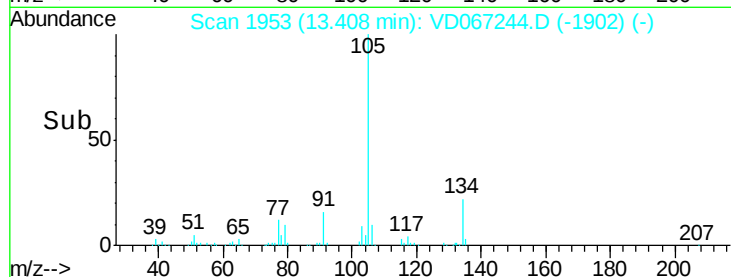
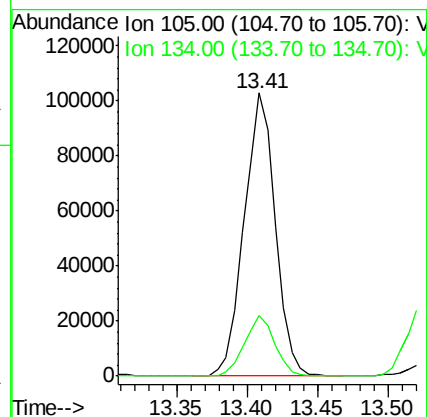
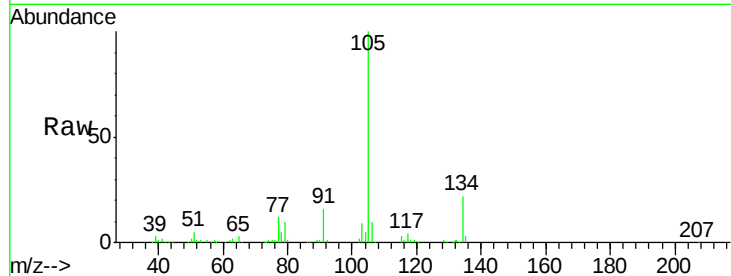
134 20.9 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 10.320 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

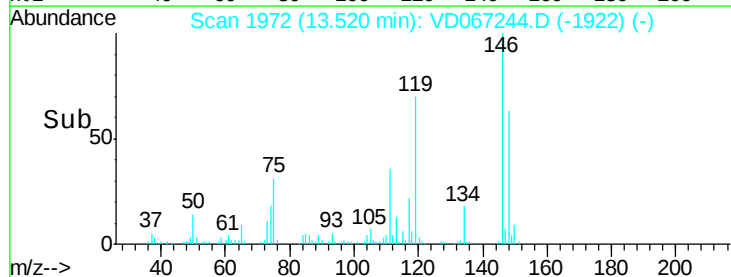
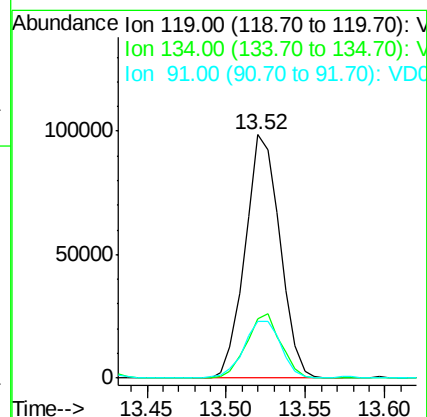
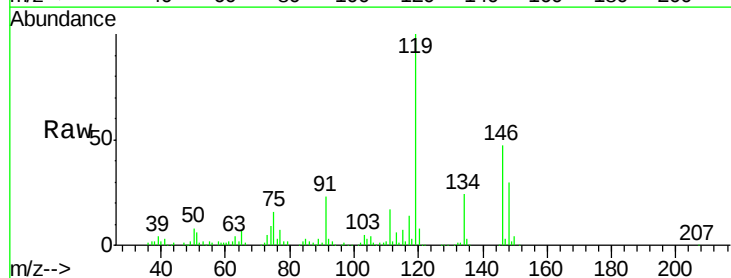
Tgt Ion:119 Resp: 150382

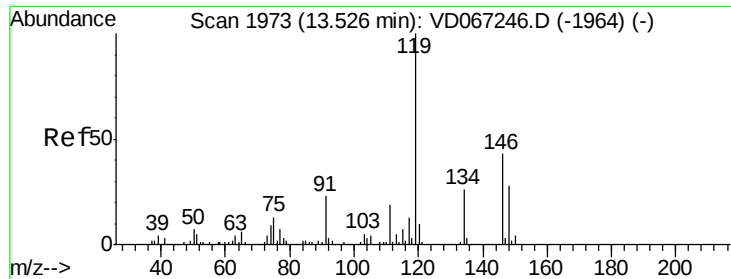
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 25.0 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 10.525 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Instrument :

MSVOA_D

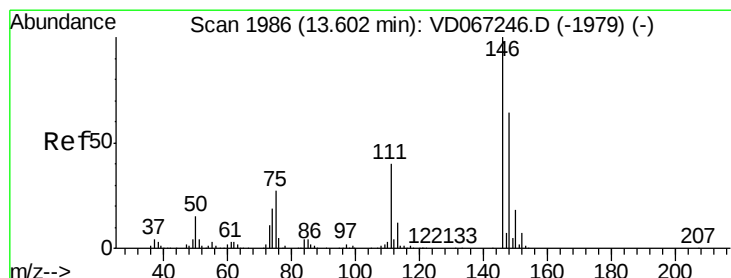
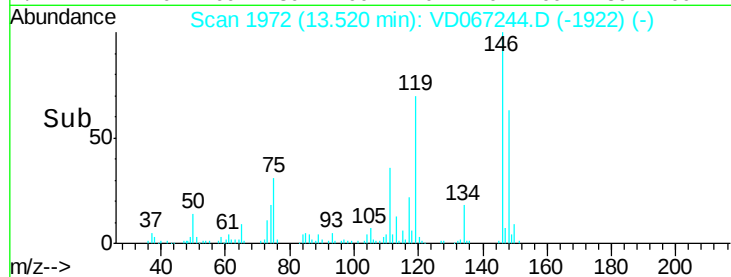
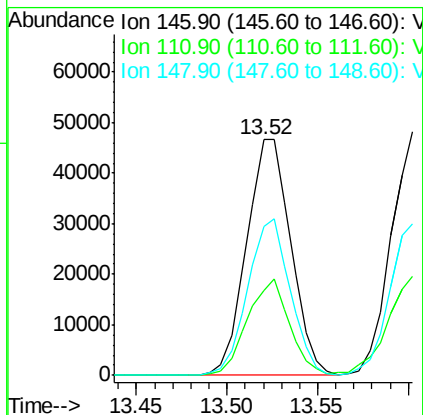
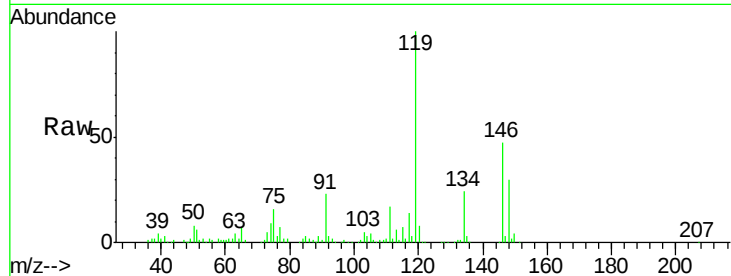
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.1	63.3
148	63.6	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.560 ug/l

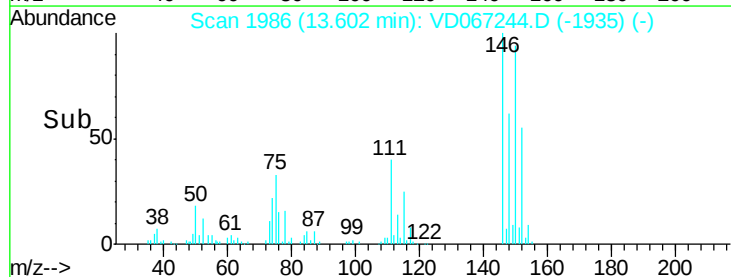
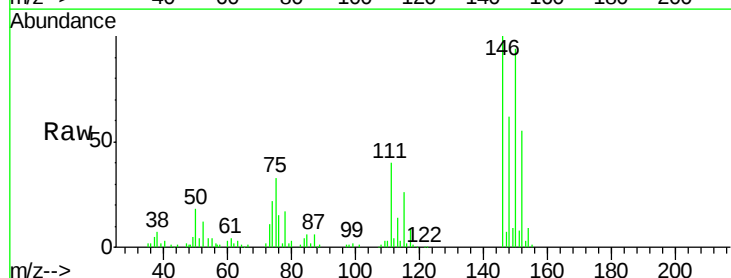
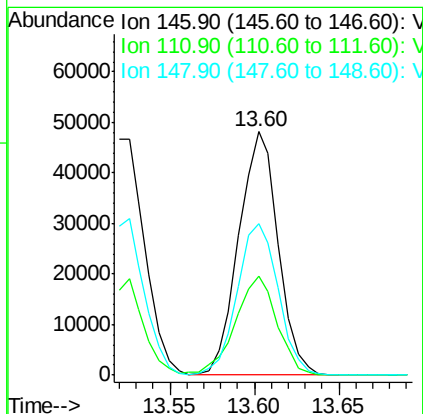
RT: 13.60 min Scan# 1986

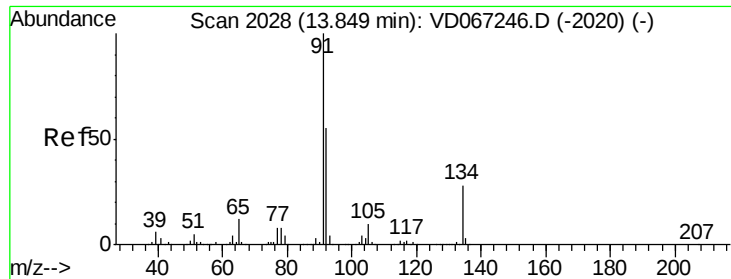
Delta R.T. 0.00 min

Lab File: VD067244.D

Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.9	59.7
148	64.8	31.9	95.9





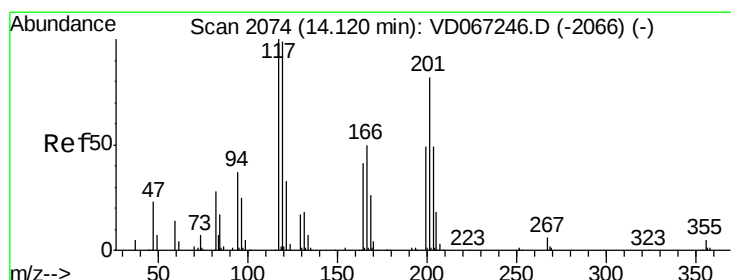
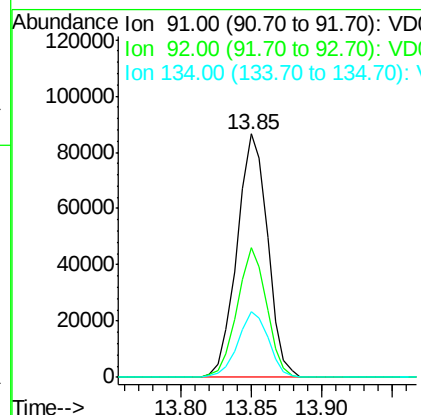
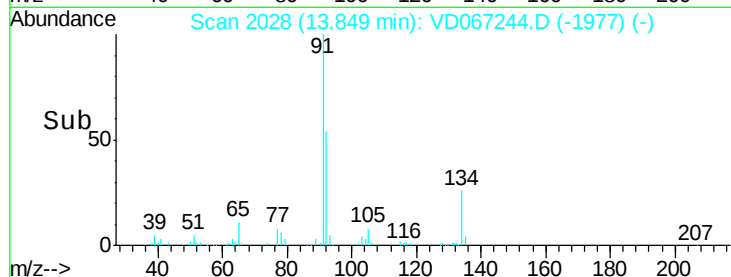
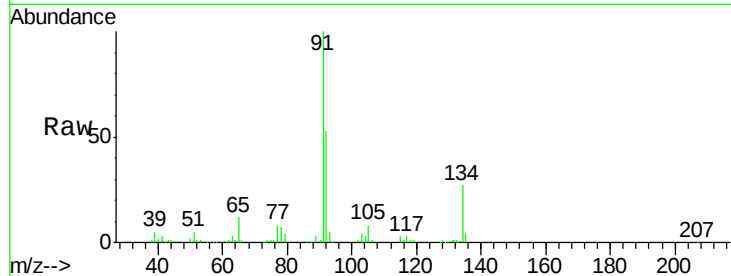
#89
n-Butylbenzene
Concen: 10.275 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.7	80.0
134	27.0	14.2	42.6

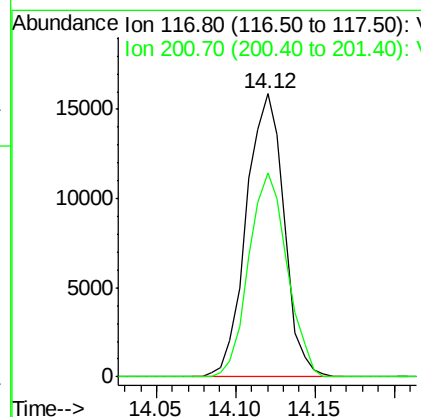
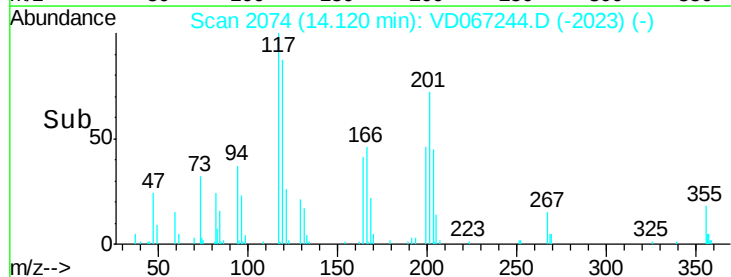
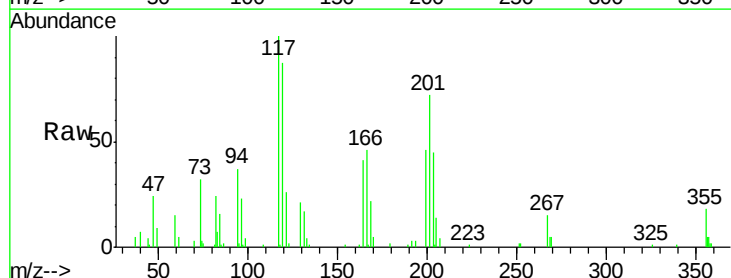
Manual Integrations
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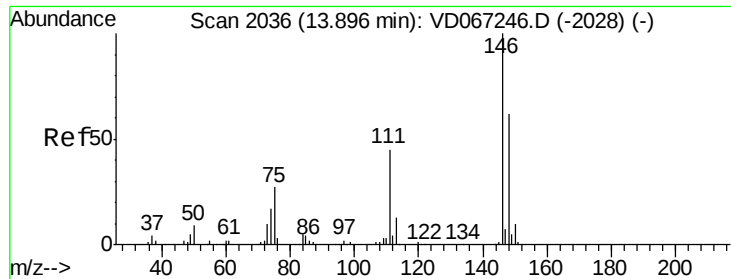
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#90
Hexachloroethane
Concen: 10.384 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	40.8	122.2





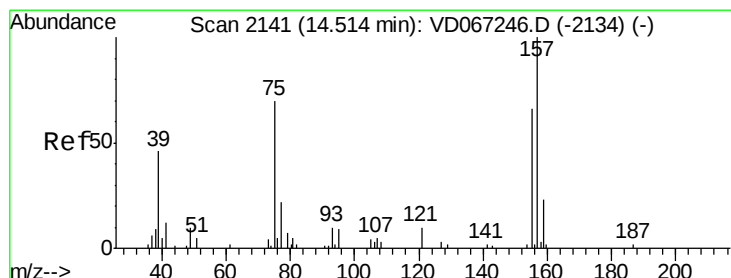
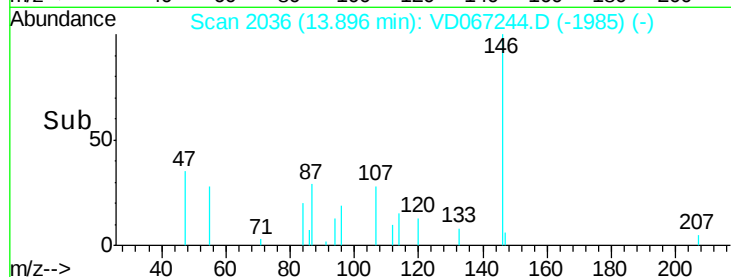
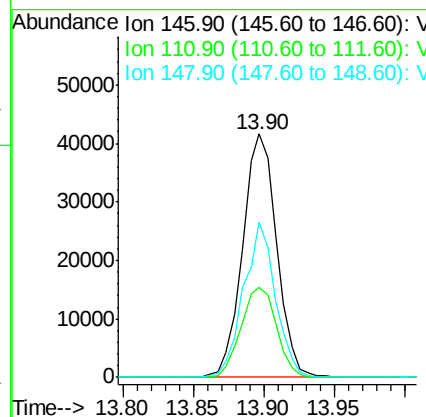
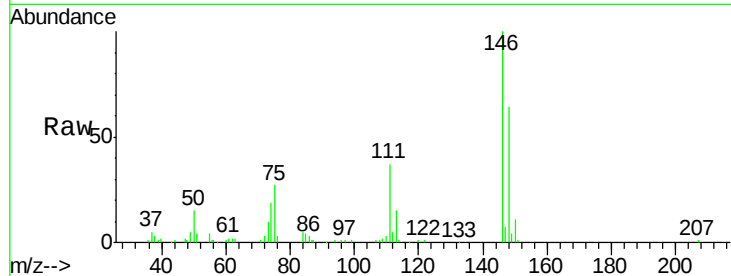
#91
 1,2-Dichlorobenzene
 Concen: 10.770 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	22.0	66.0
148	59.6	32.5	97.5

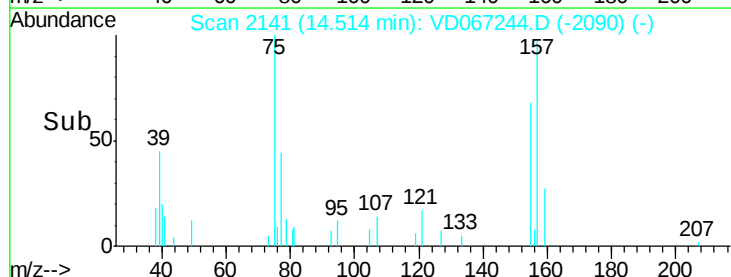
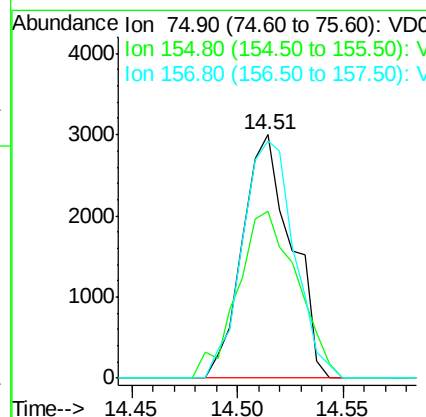
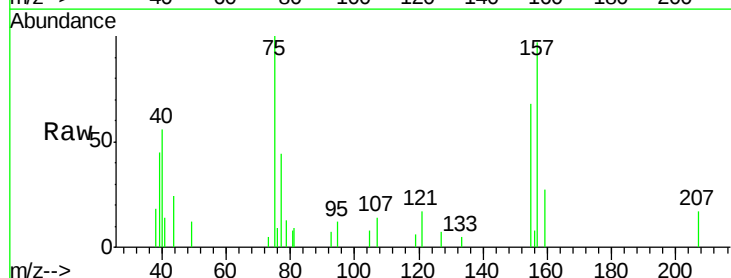
Manual Integrations
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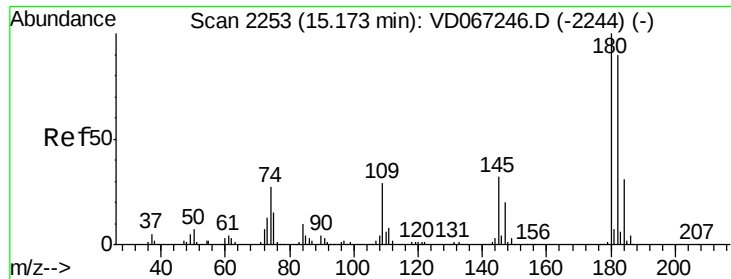
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.334 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	44.8	134.4
157	103.6	62.5	187.4





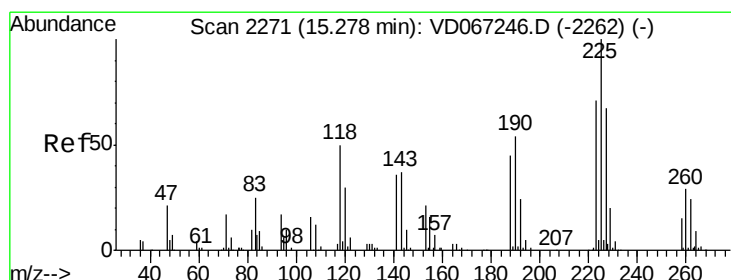
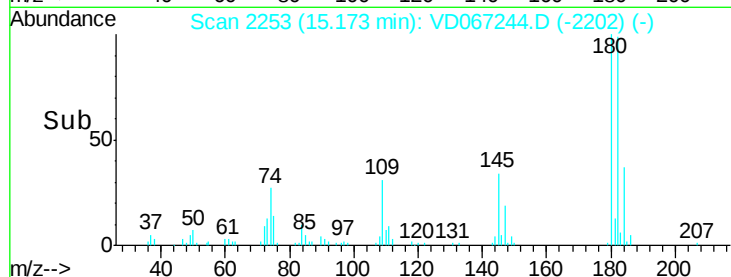
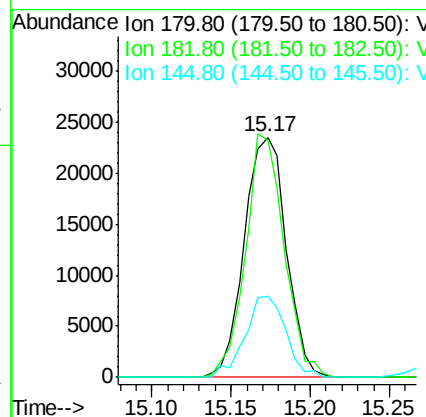
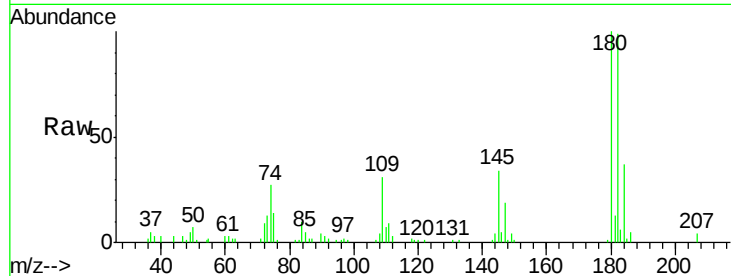
#93
 1,2,4-Trichlorobenzene
 Concen: 10.178 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.1	144.4
145	32.6	16.3	48.9

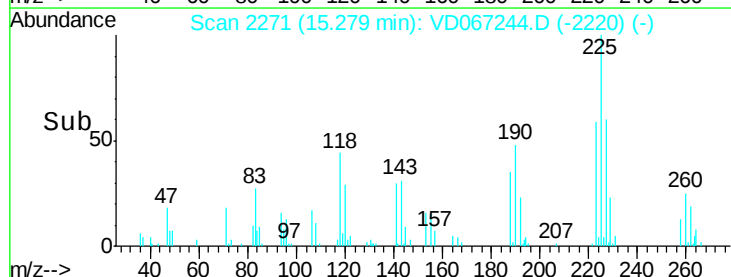
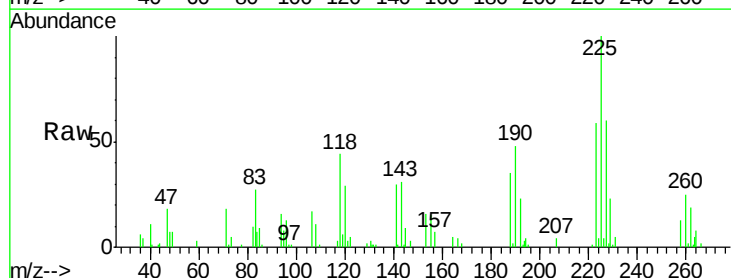
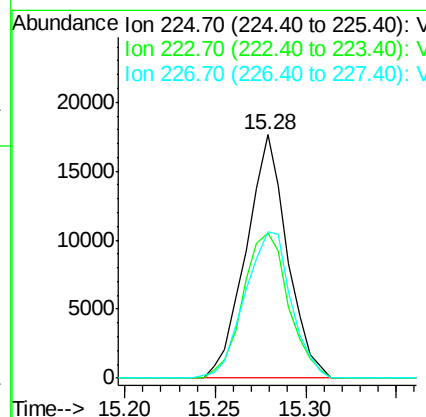
Manual Integrations
 APPROVED

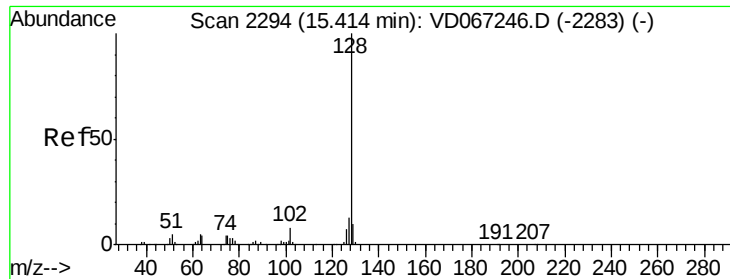
MMDadoda
 10/14/2020 2:10:07 PM



#94
 Hexachlorobutadiene
 Concen: 10.455 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067244.D
 Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.9	95.7
227	67.5	31.2	93.6





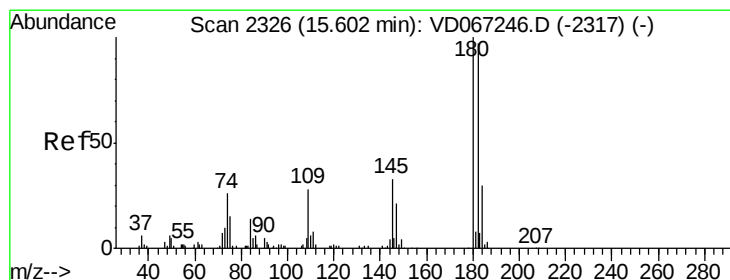
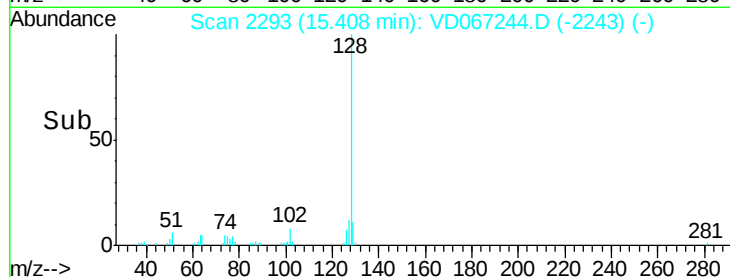
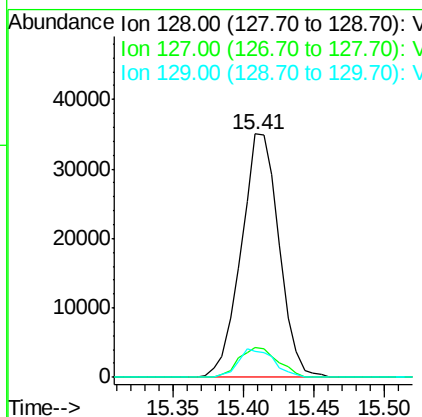
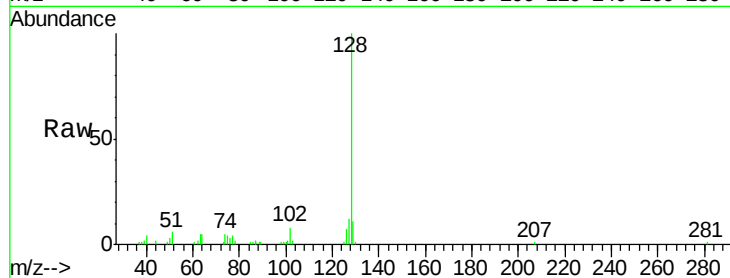
#95
Naphthalene
Concen: 9.888 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:10:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 10.089 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD067244.D
Acq: 13 Oct 2020 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	48.1	144.3
145	35.8	17.3	51.9

