

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067403.D
 Acq On : 27 Oct 2020 11:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 11:45:19 AM

Quant Time: Oct 28 00:50:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	329364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	465900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	148424	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	7.91	113	153593	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.34	98	560945	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.64	95	190357	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	116107	43.334	ug/l	94
3) Chloromethane	2.21	50	82739	39.916	ug/l	99
4) Vinyl Chloride	2.35	62	96469	42.416	ug/l	89
5) Bromomethane	2.77	94	72899	45.866	ug/l	97
6) Chloroethane	2.92	64	60330	42.593	ug/l	94
7) Trichlorofluoromethane	3.27	101	278280	48.591	ug/l	97
8) Diethyl Ether	3.71	74	59139	45.127	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	146852	48.263	ug/l	98
10) Methyl Iodide	4.30	142	139206	49.596	ug/l	99
11) Tert butyl alcohol	5.23	59	39926	228.877	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	130640	48.059	ug/l	99
13) Acrolein	3.92	56	38806	201.386	ug/l	100
14) Allyl chloride	4.71	41	145027	46.588	ug/l	99
15) Acrylonitrile	5.43	53	108361	247.809	ug/l	98
16) Acetone	4.16	43	122182	264.390	ug/l	93
17) Carbon Disulfide	4.41	76	327525	42.265	ug/l	99
18) Methyl Acetate	4.72	43	48524	46.036	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	264824	48.995	ug/l	97
20) Methylene Chloride	4.96	84	143364	48.276	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	150598	48.143	ug/l	96
22) Diisopropyl ether	6.36	45	280332	49.297	ug/l	100
23) Vinyl Acetate	6.31	43	825691	255.217	ug/l	100
24) 1,1-Dichloroethane	6.26	63	237832	48.858	ug/l	98
25) 2-Butanone	7.21	43	128755	244.419	ug/l	92
26) 2,2-Dichloropropane	7.21	77	258146	51.450	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	164840	48.081	ug/l	96
28) Bromochloromethane	7.55	49	79974	48.167	ug/l #	99
29) Tetrahydrofuran	7.57	42	69461	237.209	ug/l	95
30) Chloroform	7.71	83	290627	49.978	ug/l	93
31) Cyclohexane	7.98	56	172585	45.410	ug/l	93
32) 1,1,1-Trichloroethane	7.91	97	285654	50.066	ug/l	98
36) 1,1-Dichloropropene	8.11	75	204594	51.811	ug/l	100
37) Ethyl Acetate	7.29	43	59636	51.330	ug/l #	92
38) Carbon Tetrachloride	8.10	117	269618	53.422	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	217800	52.759	ug/l	98
40) Benzene	8.36	78	557219	51.436	ug/l	100
41) Methacrylonitrile	7.53	41	36735	58.511	ug/l #	75
42) 1,2-Dichloroethane	8.43	62	174672	51.523	ug/l	99
43) Isopropyl Acetate	8.46	43	116337	50.464	ug/l	99
44) Trichloroethene	9.11	130	182599	52.645	ug/l	94
45) 1,2-Dichloropropane	9.39	63	127763	50.888	ug/l	100
46) Dibromomethane	9.48	93	77814	49.745	ug/l	99
47) Bromodichloromethane	9.67	83	218929	52.238	ug/l	99
48) Methyl methacrylate	9.46	41	55626	49.652	ug/l	99
49) 1,4-Dioxane	9.47	88	15749	1041.631	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	299123	260.145	ug/l	98
52) Toluene	10.41	92	393730	53.362	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	191289	51.958	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	227195	52.730	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	108264	50.754	ug/l	99
56) Ethyl methacrylate	10.67	69	115972	52.423	ug/l	98
57) 1,3-Dichloropropane	10.95	76	175340	51.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	309160	272.416	ug/l	98
59) 2-Hexanone	10.99	43	209757	266.963	ug/l	98
60) Dibromochloromethane	11.14	129	164501	52.880	ug/l	100
61) 1,2-Dibromoethane	11.25	107	105002	49.931	ug/l	97
64) Tetrachloroethene	10.88	164	158890	51.221	ug/l	90
65) Chlorobenzene	11.67	112	427769	52.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	175449	53.768	ug/l	97
67) Ethyl Benzene	11.75	91	759546	53.969	ug/l	97
68) m/p-Xylenes	11.85	106	586982	108.308	ug/l	99
69) o-Xylene	12.18	106	266272	53.057	ug/l	96
70) Styrene	12.20	104	469218	54.313	ug/l	100
71) Bromoform	12.37	173	93325	53.237	ug/l #	99
73) Isopropylbenzene	12.48	105	765847	56.116	ug/l	99
74) N-amyl acetate	12.29	43	108126	52.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	105875	50.631	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	81206m	54.486	ug/l	
77) Bromobenzene	12.77	156	181630	53.382	ug/l	98
78) n-propylbenzene	12.83	91	885321	55.989	ug/l	100
79) 2-Chlorotoluene	12.91	91	497759	54.282	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	660395	55.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	35146	53.476	ug/l	94
82) 4-Chlorotoluene	13.01	91	527037	54.152	ug/l	99
83) tert-Butylbenzene	13.23	119	577907	57.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	657583	56.100	ug/l	100
85) sec-Butylbenzene	13.41	105	778869	56.661	ug/l	99
86) p-Isopropyltoluene	13.52	119	735463	56.685	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	352411	53.812	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	346291	53.371	ug/l	99
89) n-Butylbenzene	13.85	91	651264	57.057	ug/l	99
90) Hexachloroethane	14.11	117	123140	54.387	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	301923	52.774	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19603	51.601	ug/l	95

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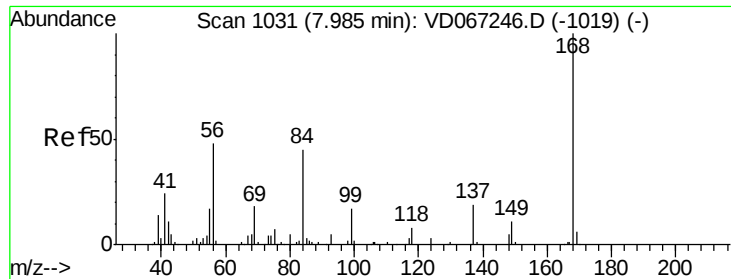
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	215807	55.948	ug/l	98
94) Hexachlorobutadiene	15.27	225	137042	57.212	ug/l	98
95) Naphthalene	15.41	128	348990	55.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	187954	56.402	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 329364

Ion Ratio Lower Upper

168 100

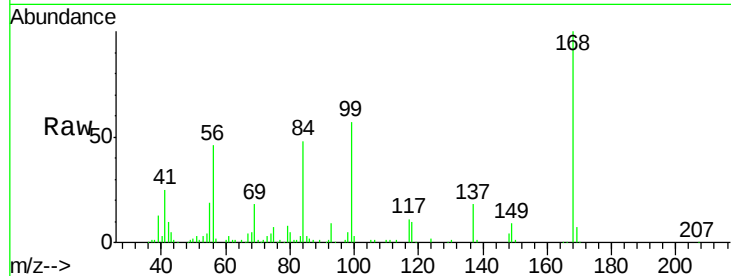
99 56.7 45.9 68.9

Manual Integrations

APPROVED

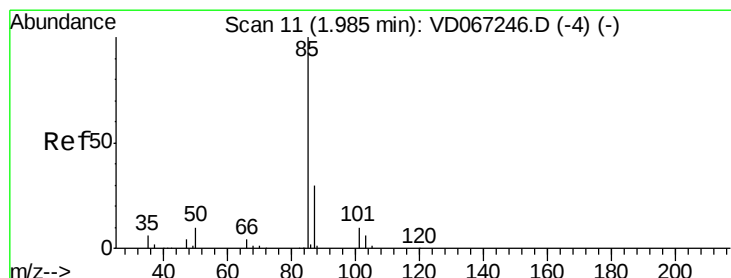
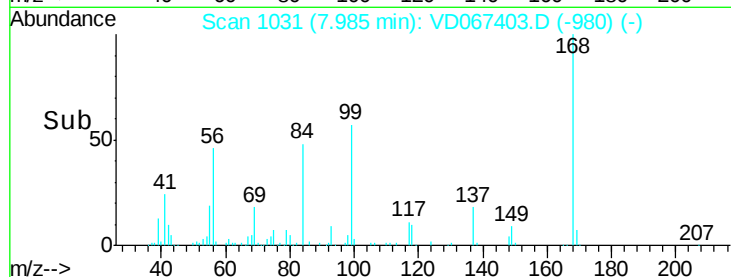
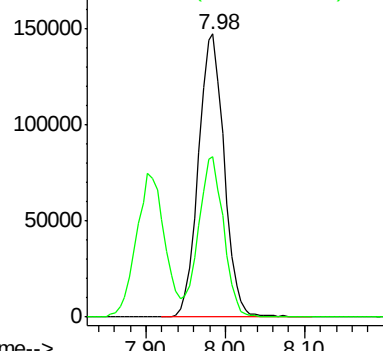
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10/28/2020 11:45:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 43.334 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067403.D

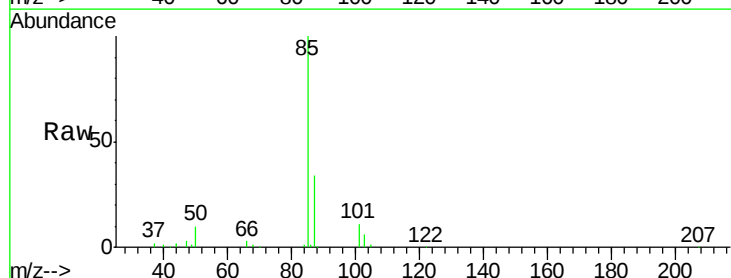
Acq: 27 Oct 2020 11:12

Tgt Ion: 85 Resp: 116107

Ion Ratio Lower Upper

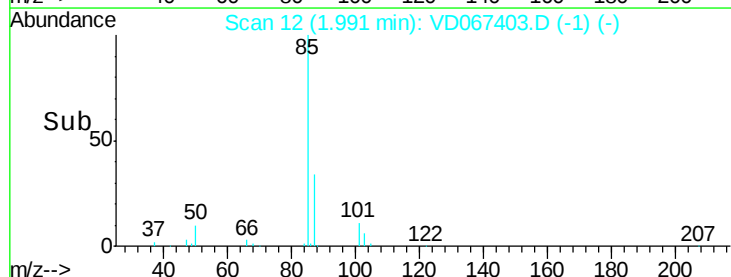
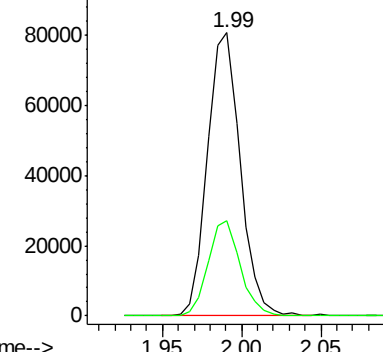
85 100

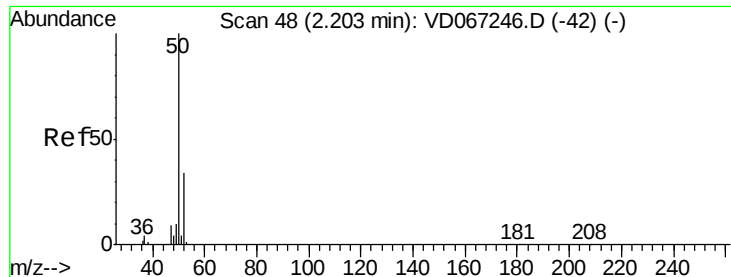
87 33.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.916 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 82739

Ion Ratio Lower Upper

50 100

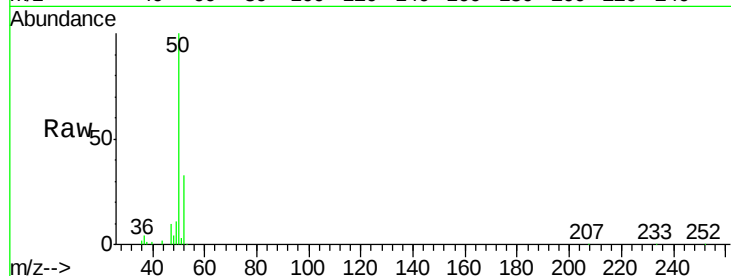
52 33.4 27.1 40.7

Manual Integrations

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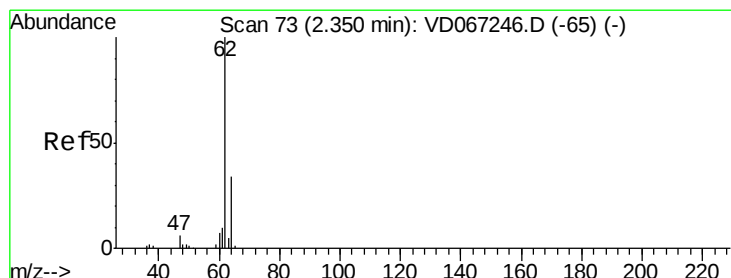
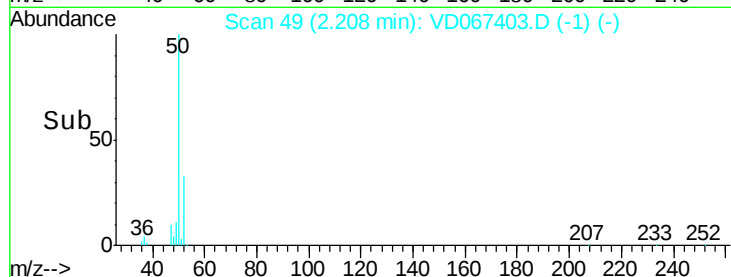
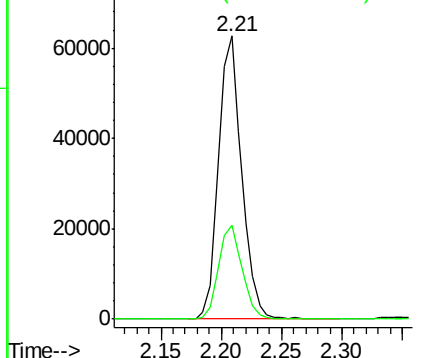
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 42.416 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067403.D

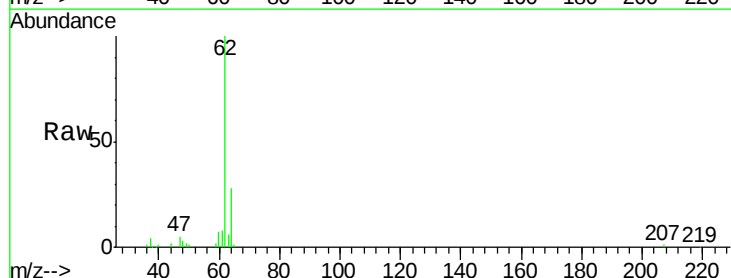
Acq: 27 Oct 2020 11:12

Tgt Ion: 62 Resp: 96469

Ion Ratio Lower Upper

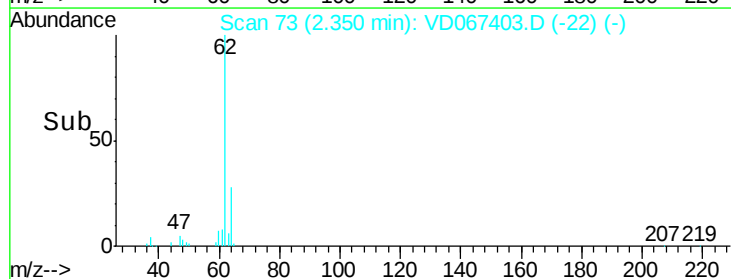
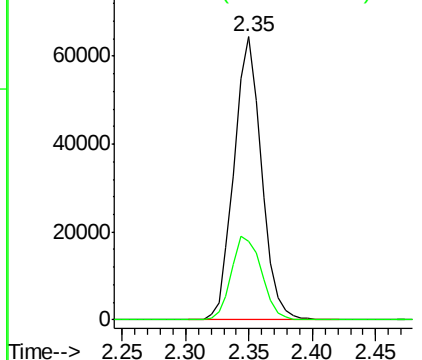
62 100

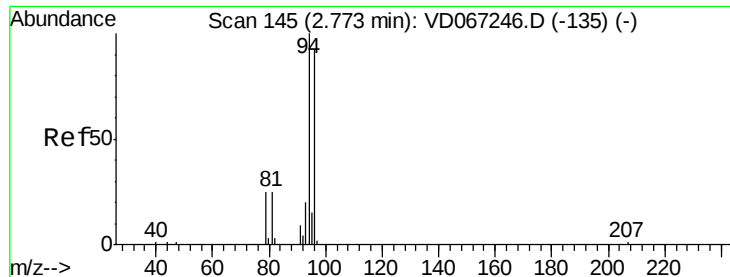
64 27.7 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.866 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72899

Ion Ratio Lower Upper

94 100

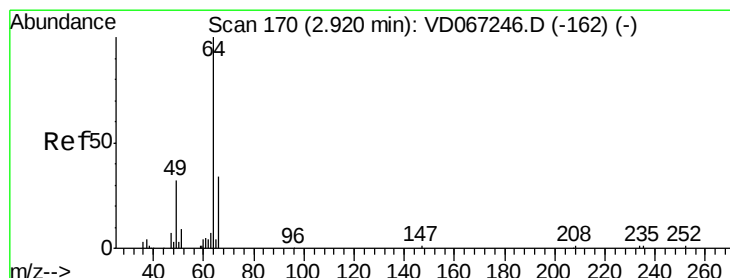
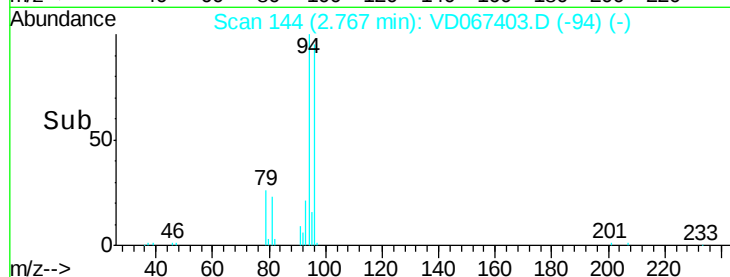
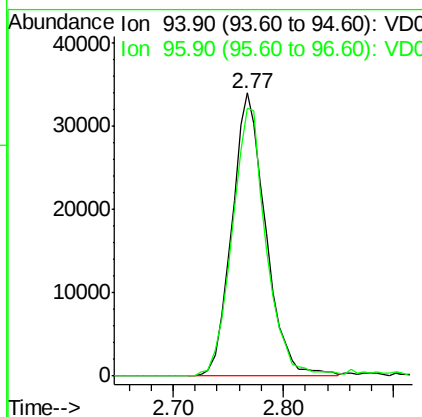
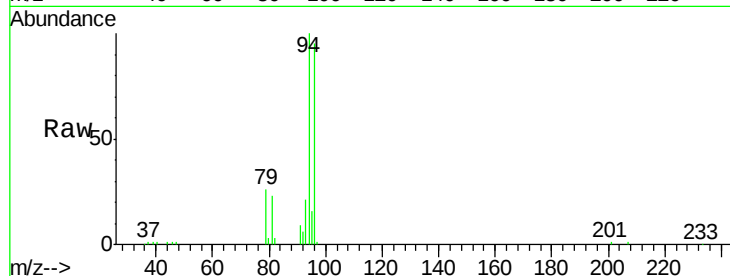
96 94.9 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 42.593 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067403.D

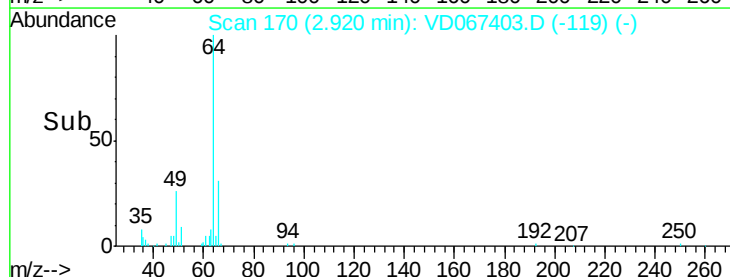
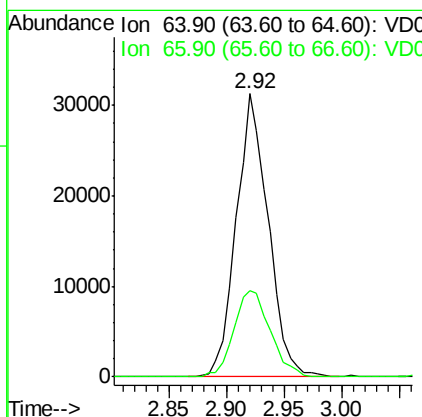
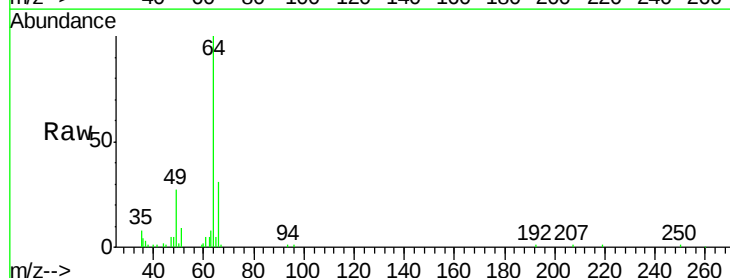
Acq: 27 Oct 2020 11:12

Tgt Ion: 64 Resp: 60330

Ion Ratio Lower Upper

64 100

66 30.6 27.4 41.0





#7

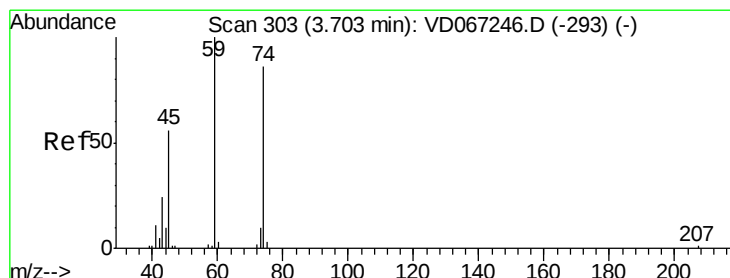
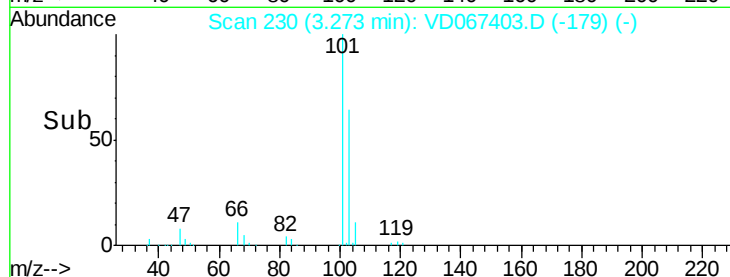
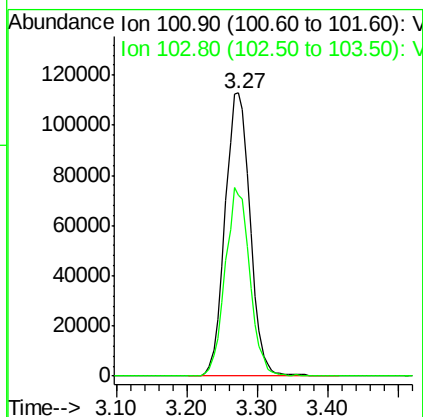
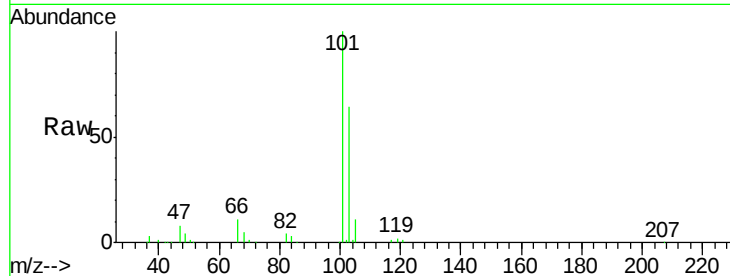
Trichlorofluoromethane
Concen: 48.591 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.1	79.7

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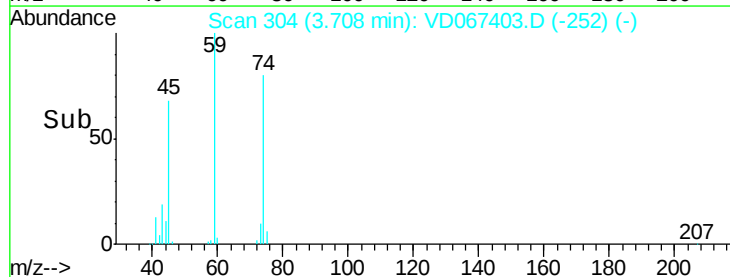
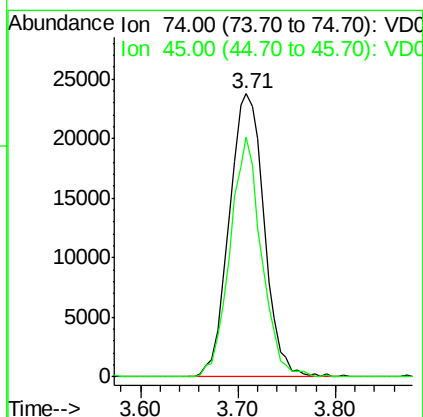
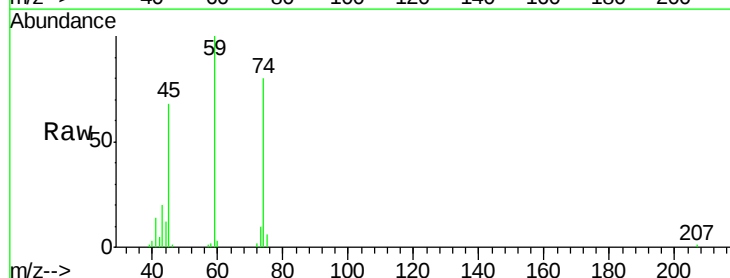
MMDadoda
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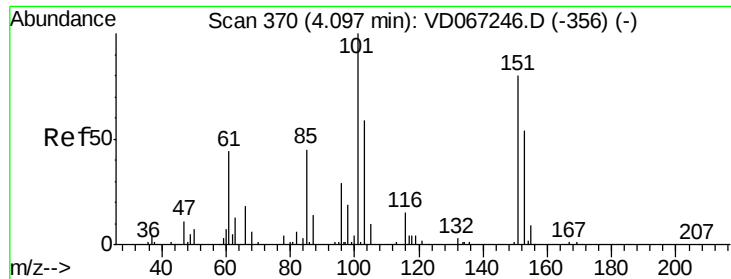


#8

Diethyl Ether
Concen: 45.127 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.2	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.263 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

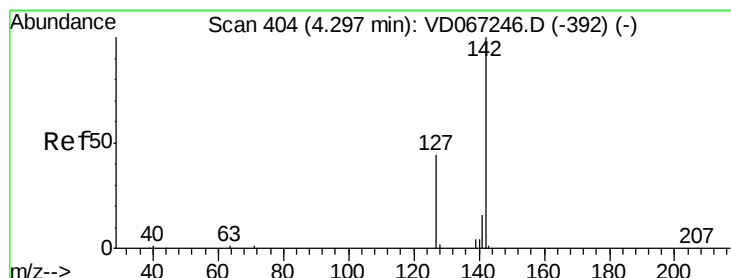
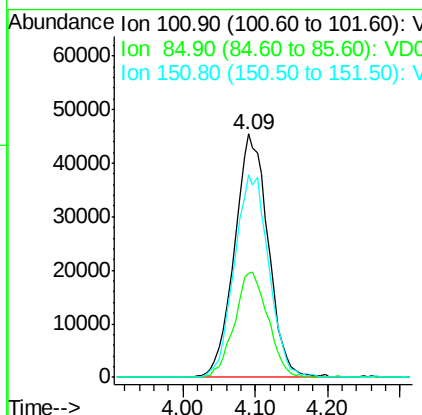
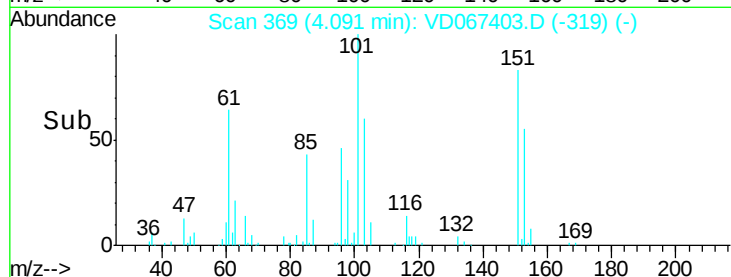
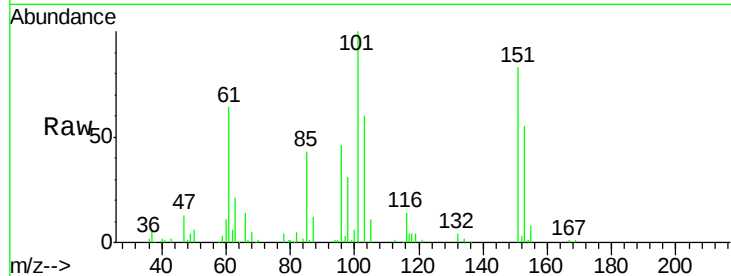
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	146852
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.2	51.4
151	85.0	66.3	99.5

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#10

Methyl Iodide

Concen: 49.596 ug/l

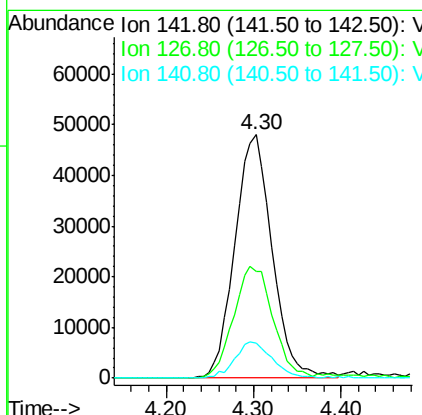
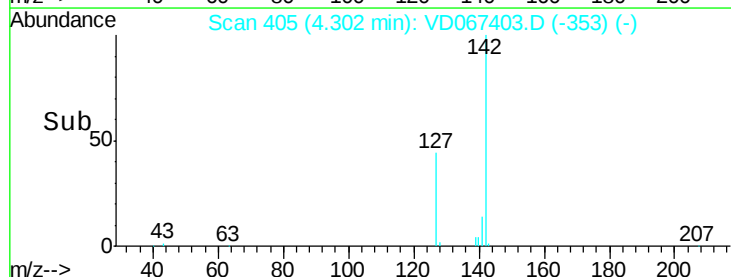
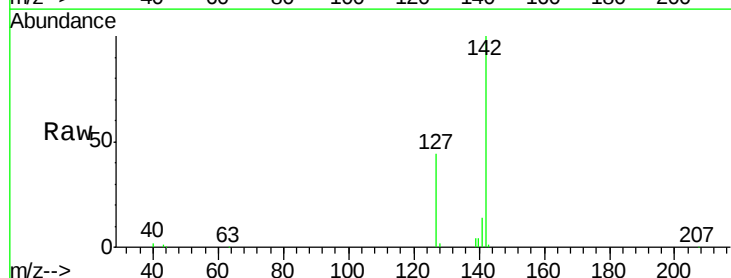
RT: 4.30 min Scan# 405

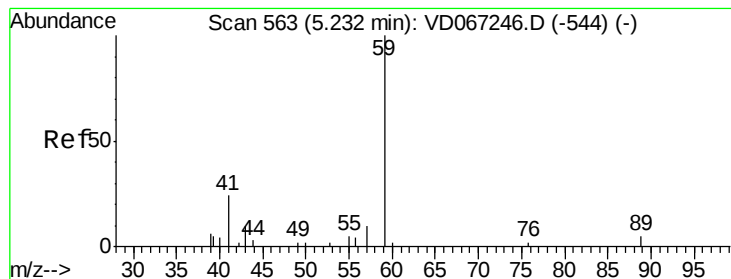
Delta R.T. 0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion:	142	Resp:	139206
Ion Ratio	Lower	Upper	
142	100		
127	48.3	38.4	57.6
141	15.0	11.6	17.4





#11

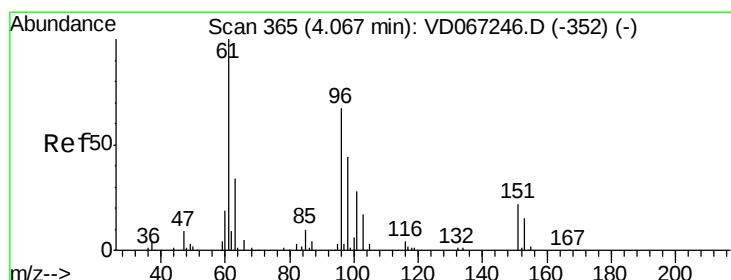
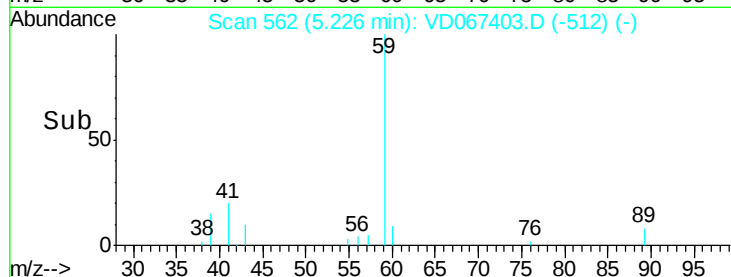
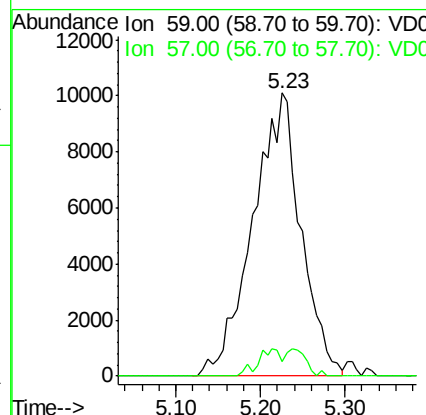
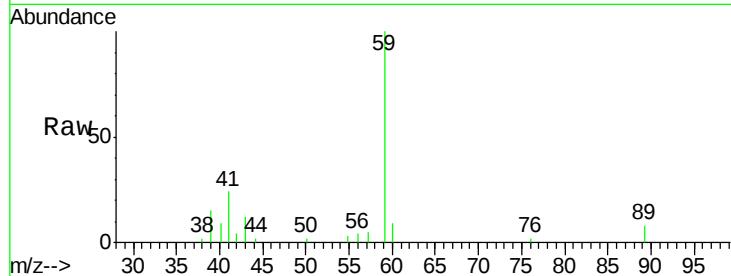
Tert butyl alcohol
 Concen: 228.877 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 39926
 Ion Ratio Lower Upper
 59 100
 57 3.9 5.1 7.7#

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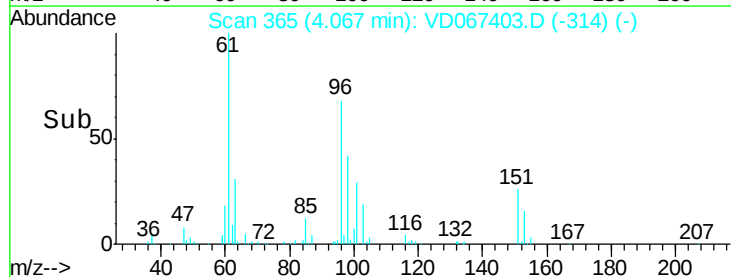
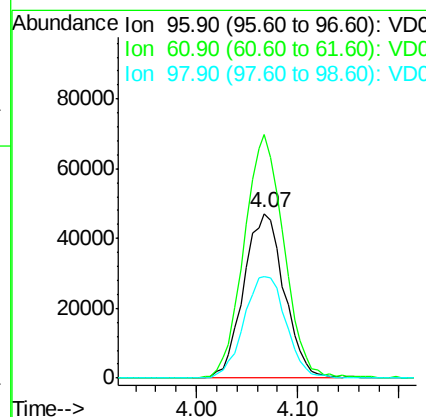
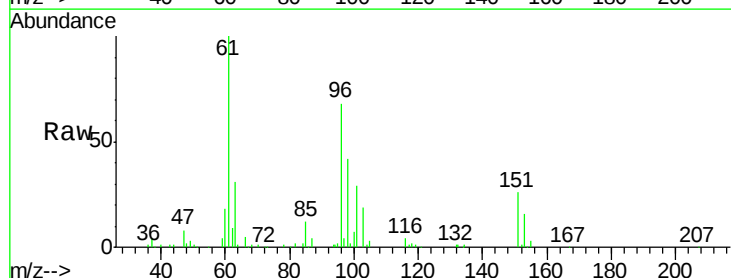
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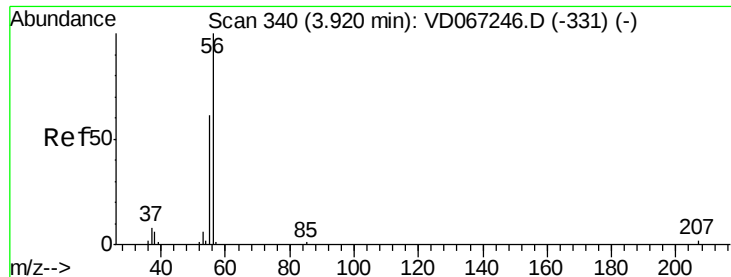


#12

1,1-Dichloroethene
 Concen: 48.059 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion: 96 Resp: 130640
 Ion Ratio Lower Upper
 96 100
 61 147.7 118.6 177.8
 98 61.6 51.8 77.6





#13

Acrolein

Concen: 201.386 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38806

Ion Ratio Lower Upper

56 100

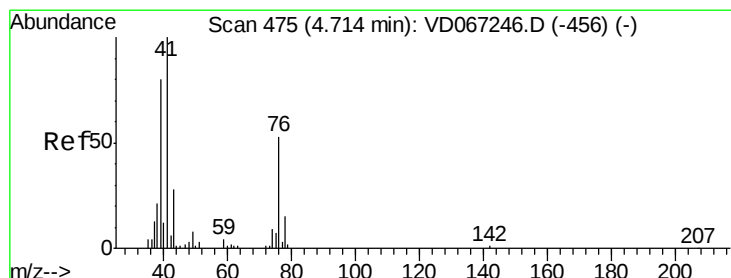
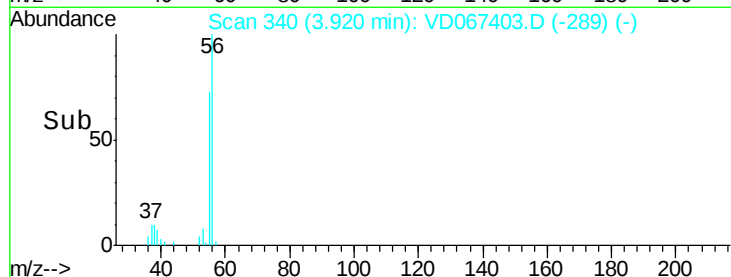
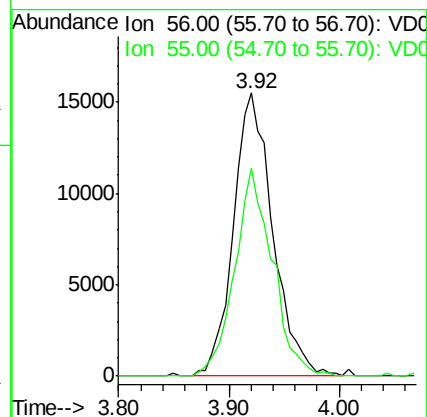
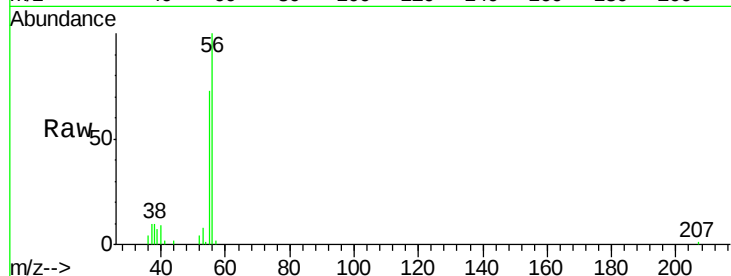
55 70.4 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 46.588 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

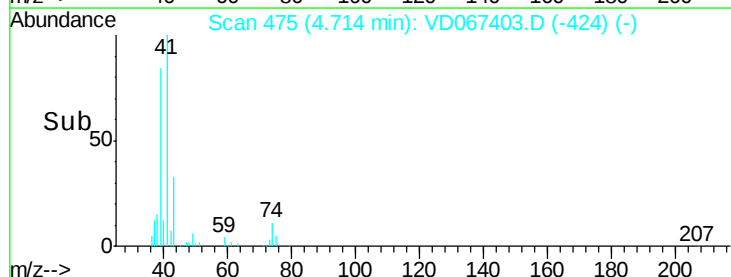
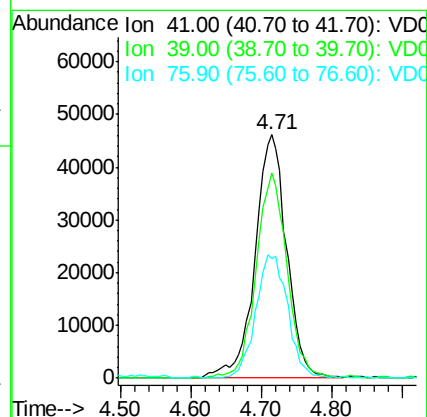
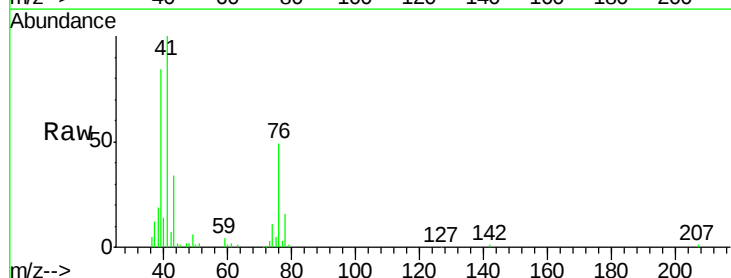
Tgt Ion: 41 Resp: 145027

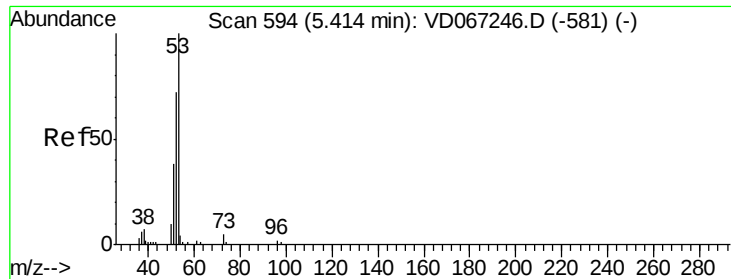
Ion Ratio Lower Upper

41 100

39 80.6 63.8 95.6

76 50.8 40.4 60.6





#15

Acrylonitrile

Concen: 247.809 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

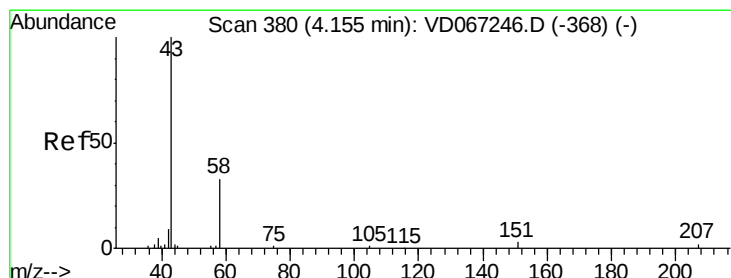
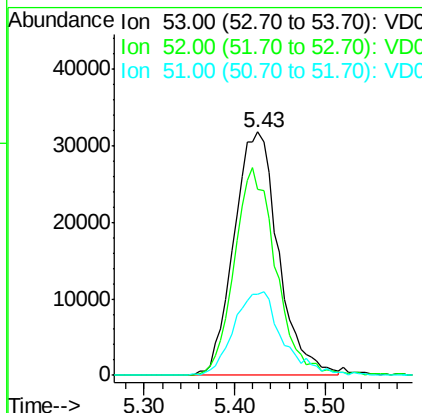
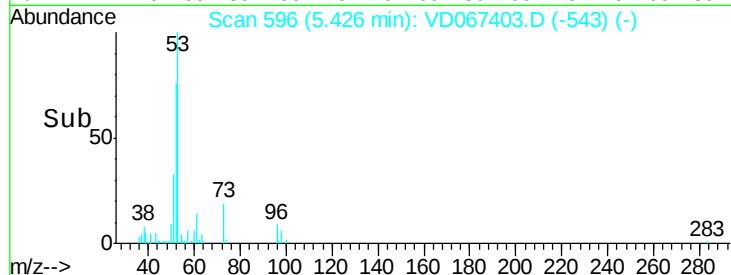
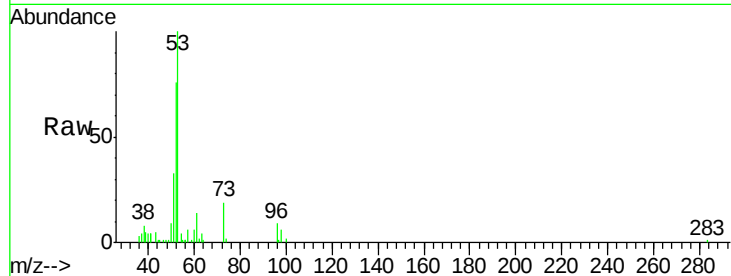
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	108361
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.6	98.4
51	37.1	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 264.390 ug/l

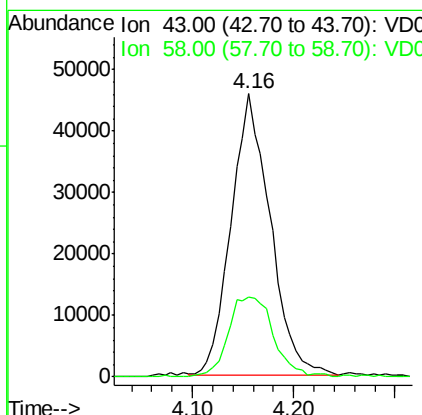
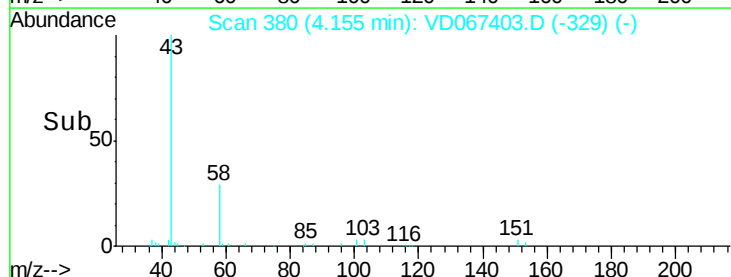
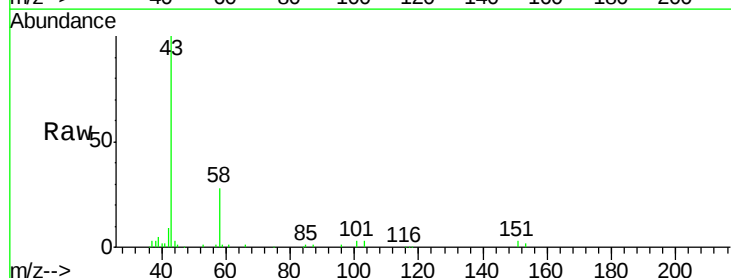
RT: 4.16 min Scan# 380

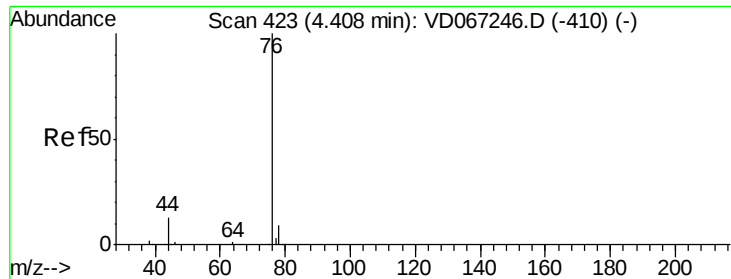
Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion:	43	Resp:	122182
Ion	Ratio	Lower	Upper
43	100		
58	28.5	26.1	39.1





#17

Carbon Disulfide

Concen: 42.265 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 327525

Ion Ratio Lower Upper

76 100

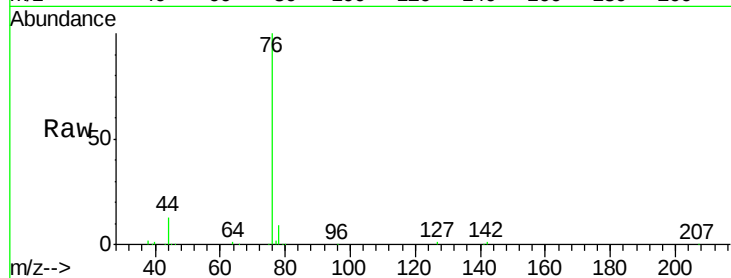
78 8.7 7.4 11.0

Manual Integrations

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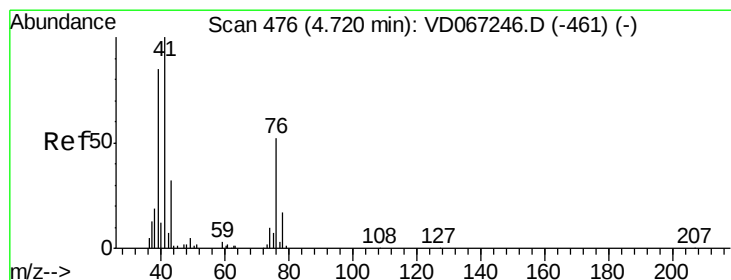
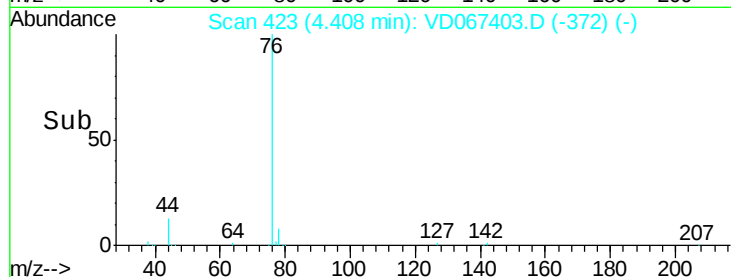
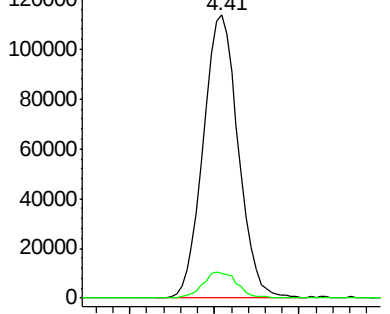
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 46.036 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD067403.D

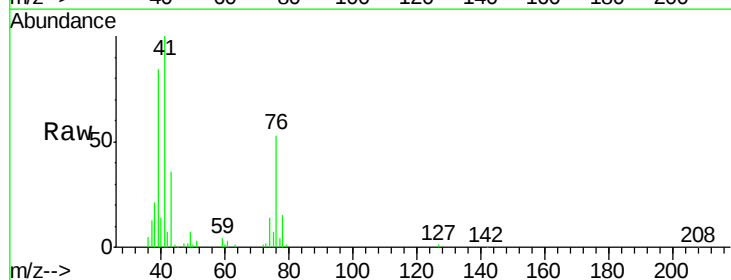
Acq: 27 Oct 2020 11:12

Tgt Ion: 43 Resp: 48524

Ion Ratio Lower Upper

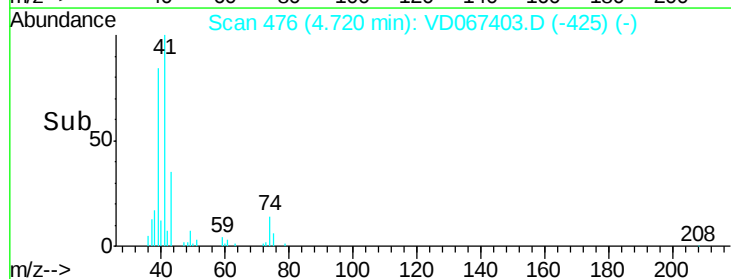
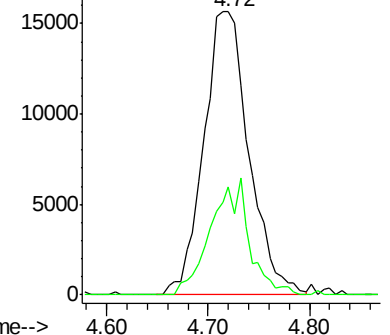
43 100

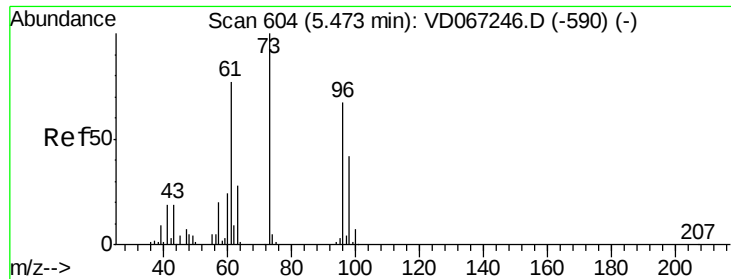
74 34.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





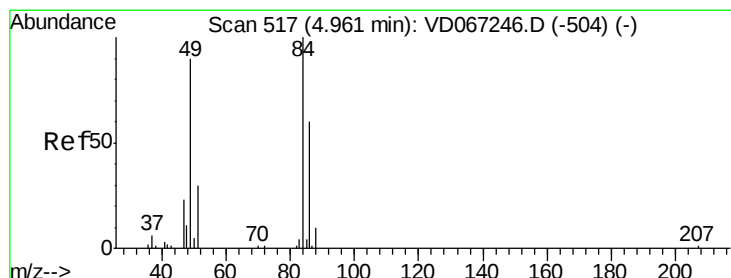
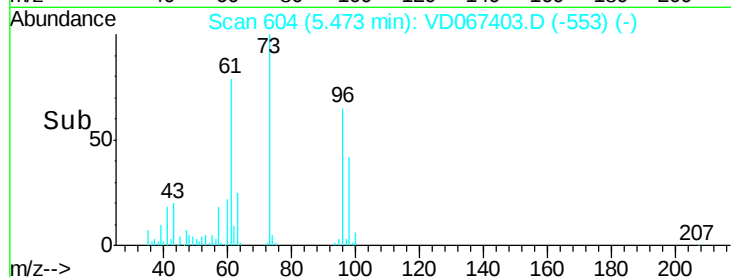
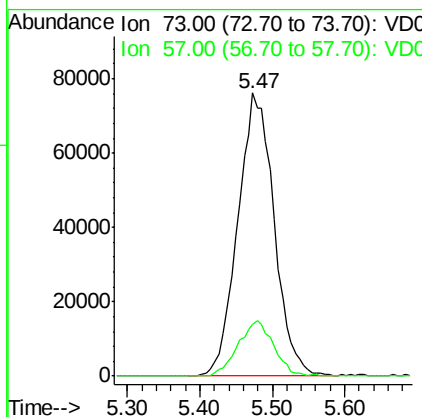
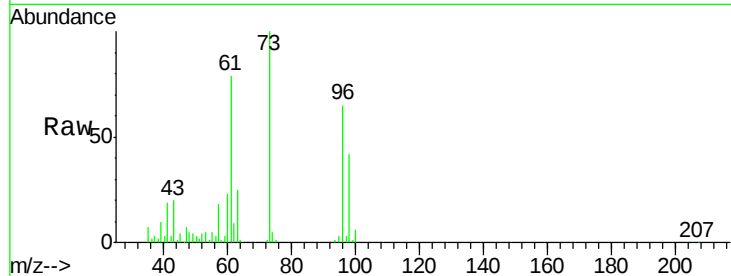
#19
Methvl tert-butvl Ether
Concen: 48.995 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 264824
Ion Ratio Lower Upper
73 100
57 18.5 15.7 23.5

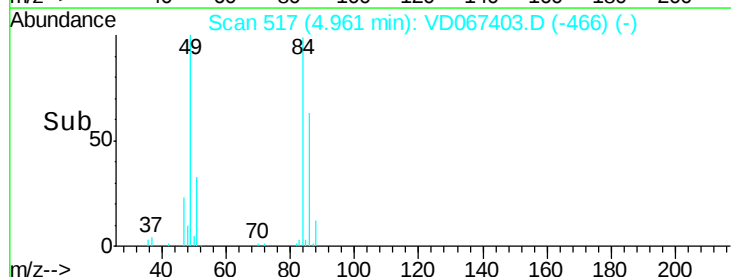
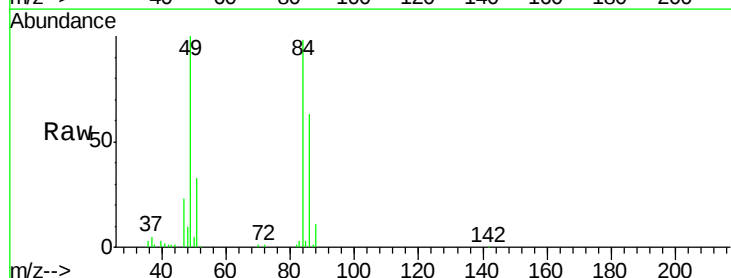
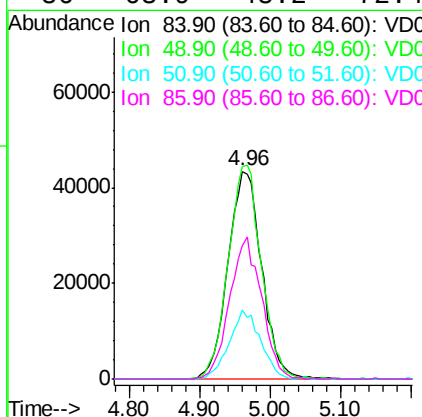
Manual Integrations
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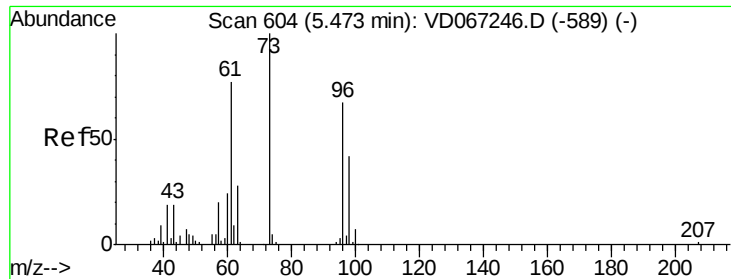
MMDadoda
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#20
Methylene Chloride
Concen: 48.276 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion: 84 Resp: 143364
Ion Ratio Lower Upper
84 100
49 102.2 72.2 108.2
51 33.4 23.8 35.8
86 63.9 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 48.143 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

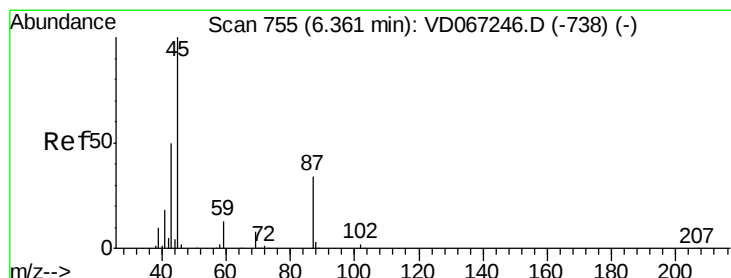
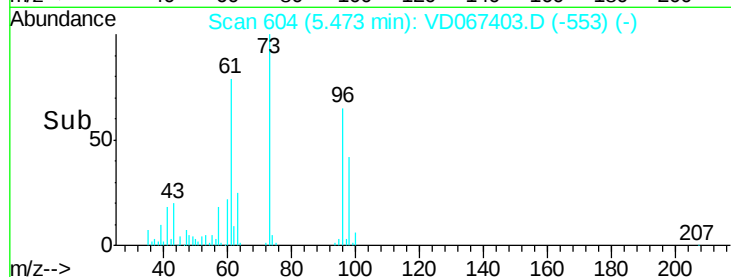
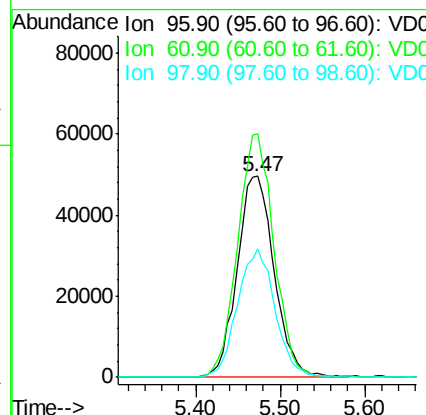
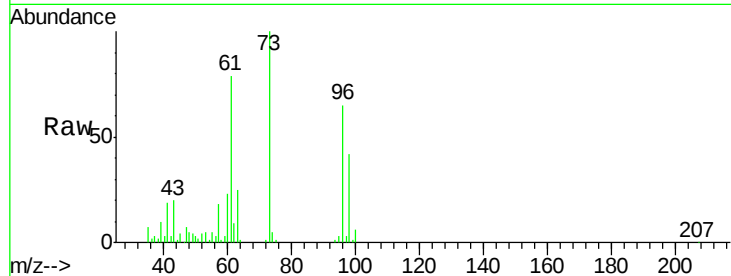
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	150598
Ion	Ratio	Lower	Upper
96	100		
61	121.1	92.0	138.0
98	63.7	49.8	74.8

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#22

Diisopropyl ether

Concen: 49.297 ug/l

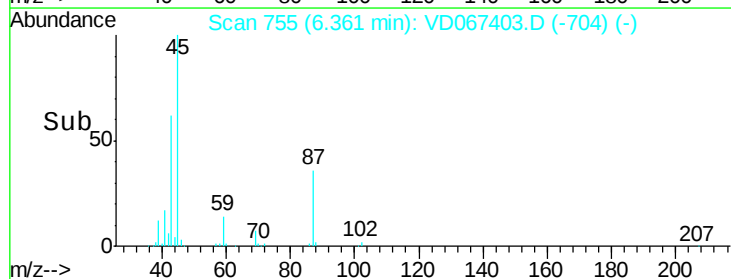
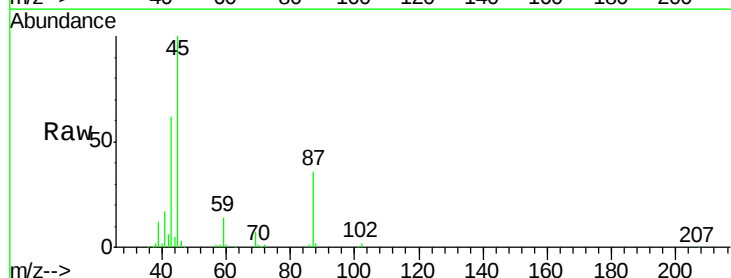
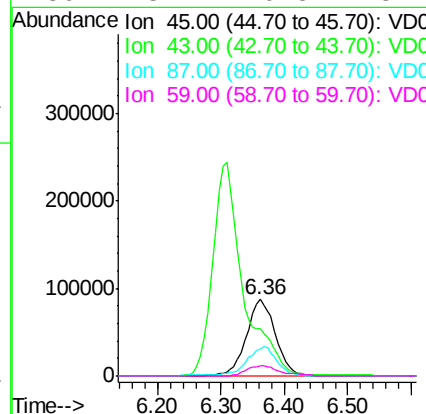
RT: 6.36 min Scan# 755

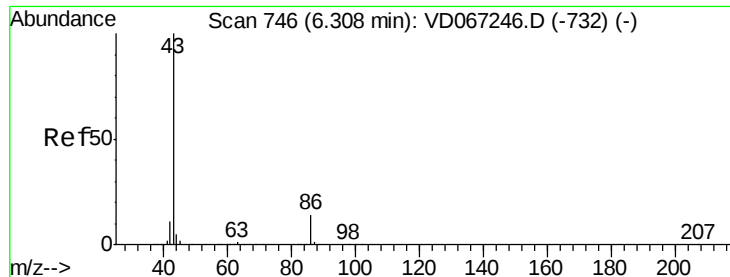
Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion:	45	Resp:	280332
Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.0	72.0
87	35.8	28.5	42.7
59	13.2	10.5	15.7





#23

Vinyl Acetate

Concen: 255.217 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 825691

Ion Ratio Lower Upper

43 100

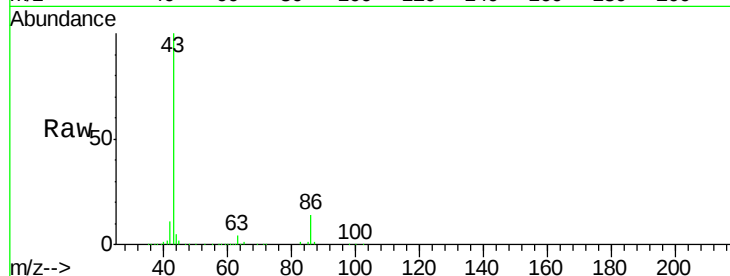
86 13.7 11.0 16.6

Manual Integrations

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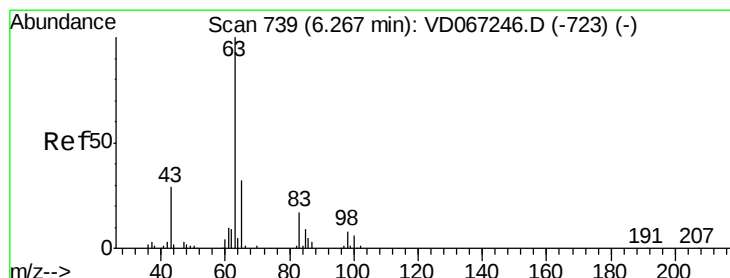
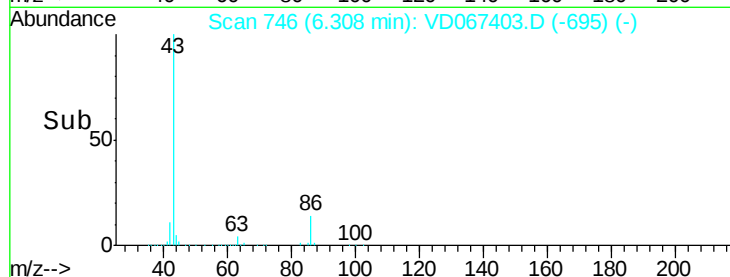
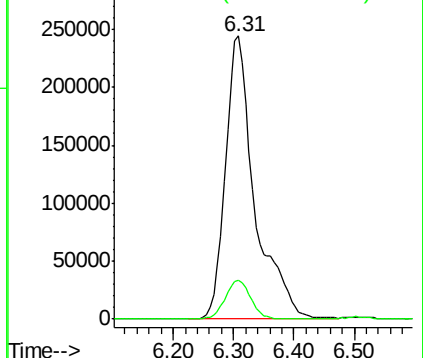
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.858 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

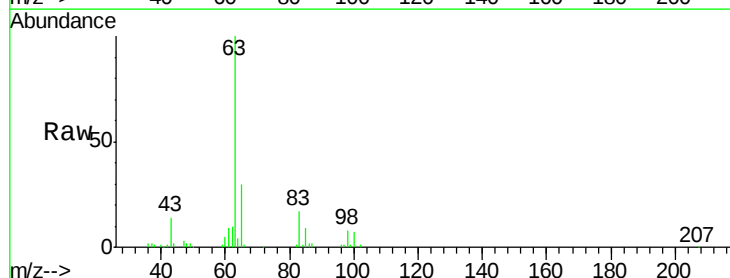
Tgt Ion: 63 Resp: 237832

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

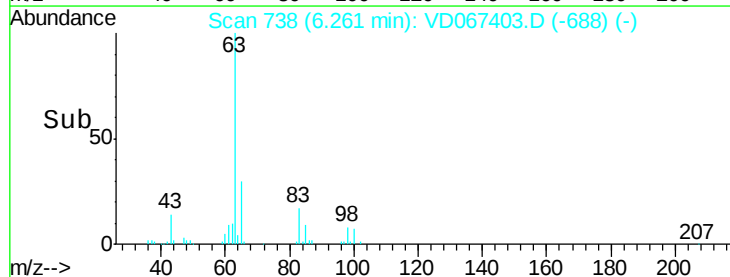
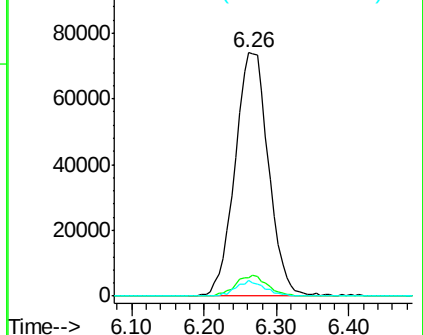
100 6.5 2.8 8.4

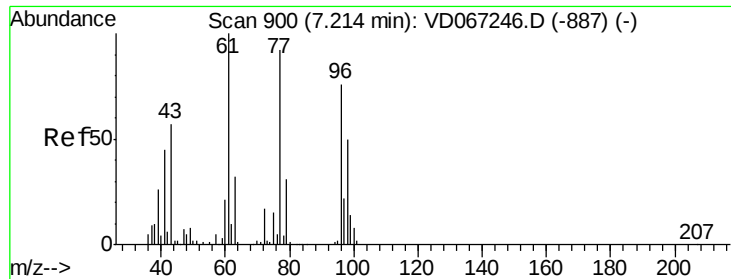


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 244.419 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 128755

Ion Ratio Lower Upper

43 100

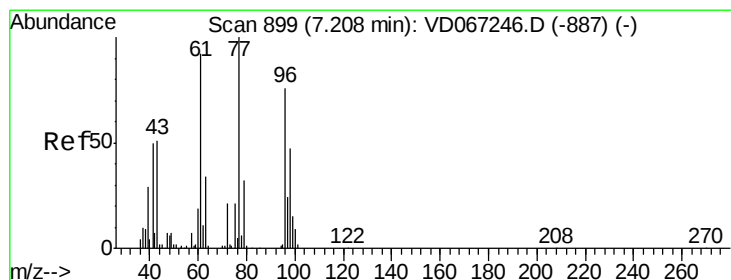
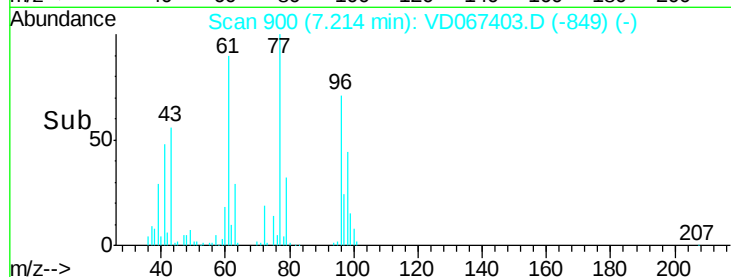
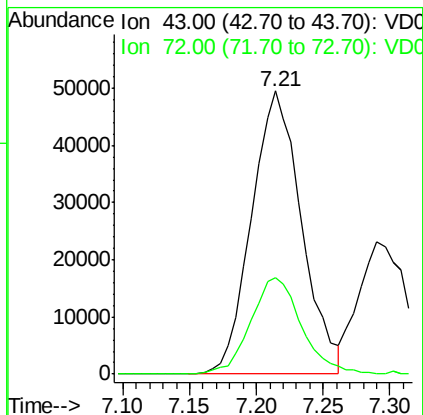
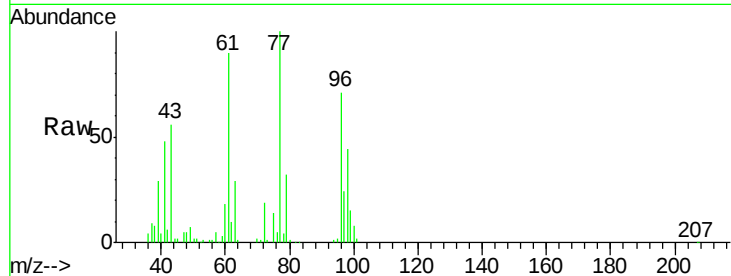
72 34.1 23.7 35.5

Manual Integrations

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10/28/2020 11:45:19 AM



#26

2,2-Dichloropropane

Concen: 51.450 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067403.D

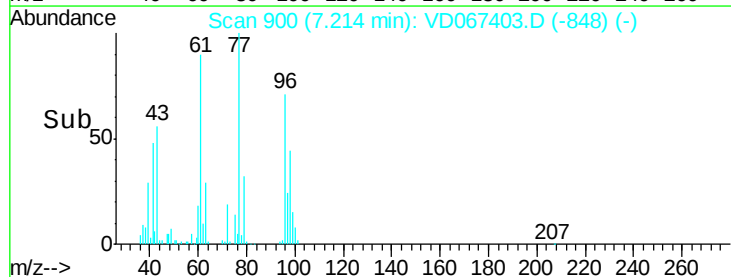
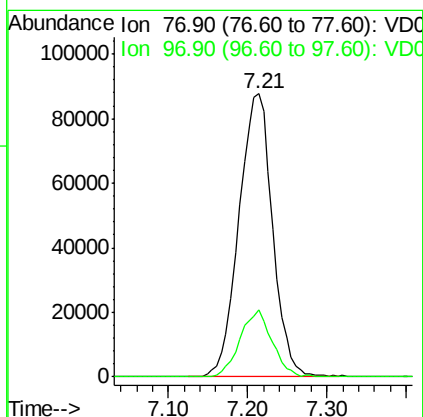
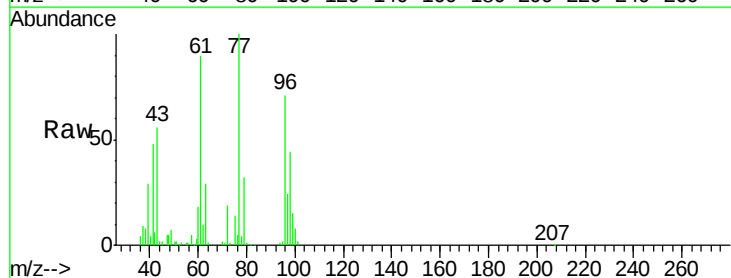
Acq: 27 Oct 2020 11:12

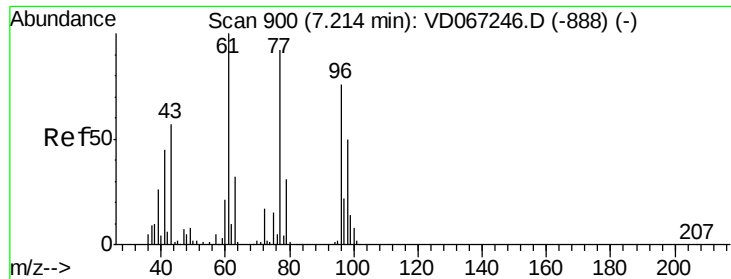
Tgt Ion: 77 Resp: 258146

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





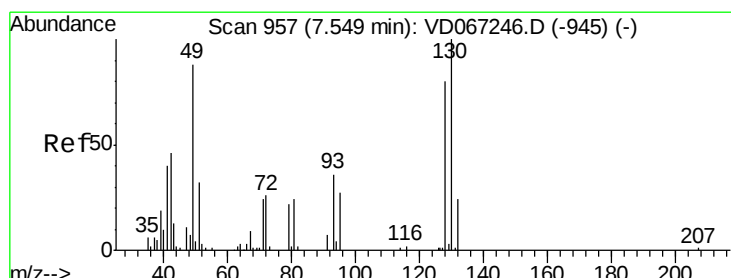
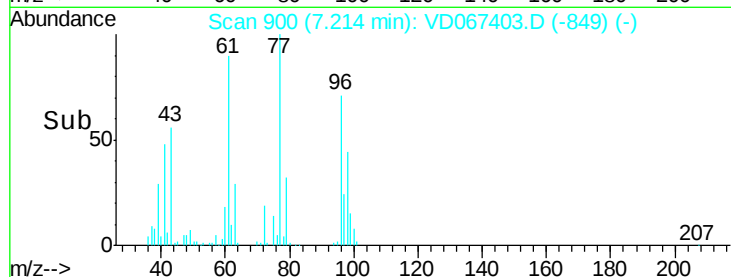
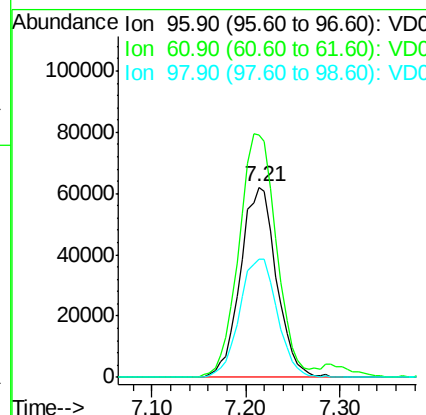
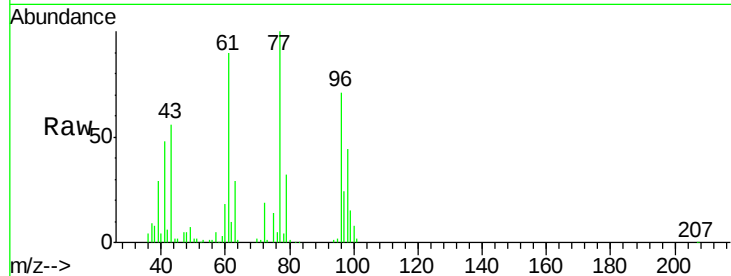
#27
 cis-1,2-Dichloroethene
 Concen: 48.081 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	164840		
61	133.2	0.0	255.4	
98	65.1	0.0	128.0	

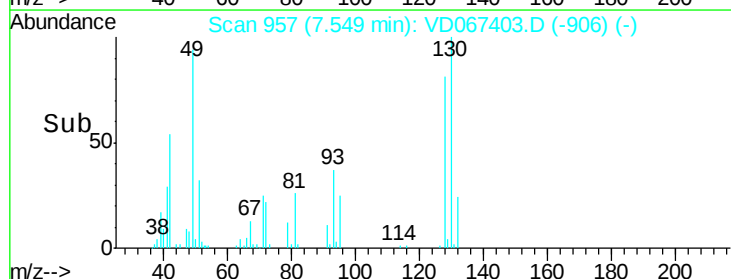
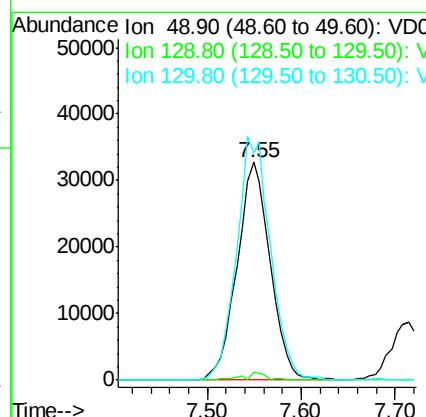
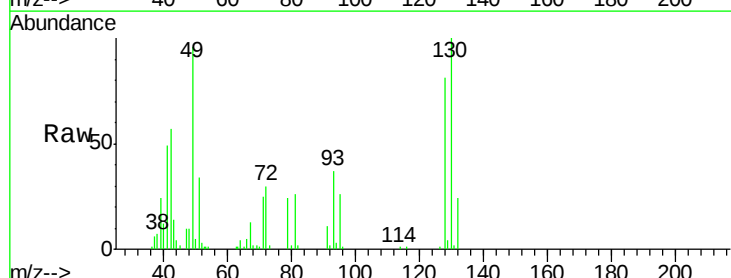
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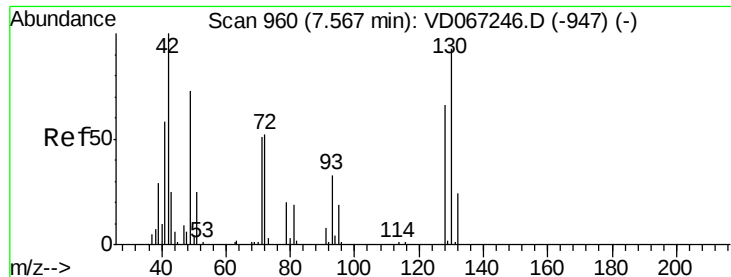
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#28
 Bromochloromethane
 Concen: 48.167 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79974		
129	2.4	0.0	1.6#	
130	114.3	91.0	136.6	





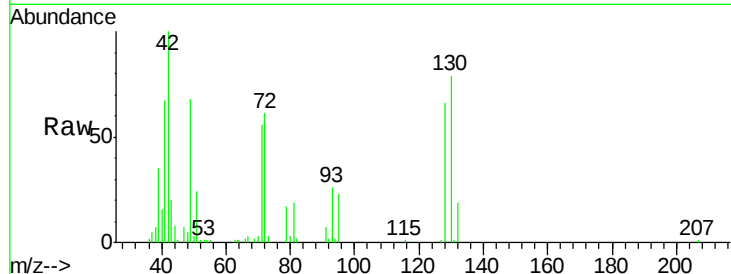
#29
Tetrahydrofuran
Concen: 237.209 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

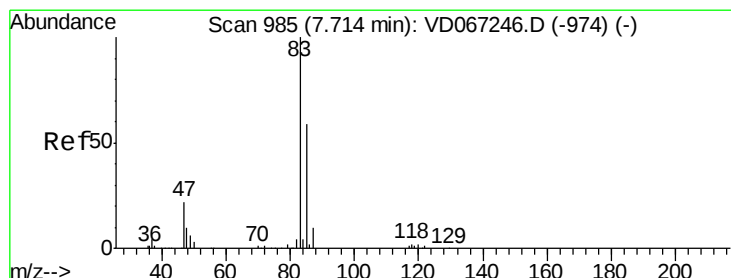
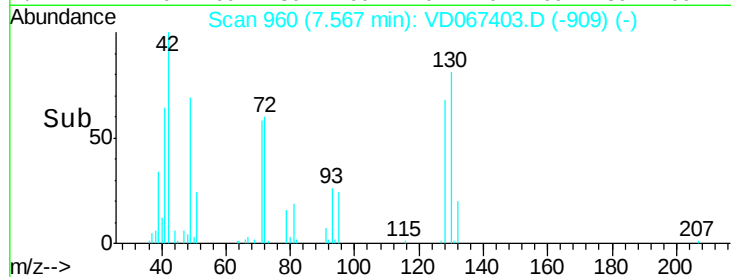
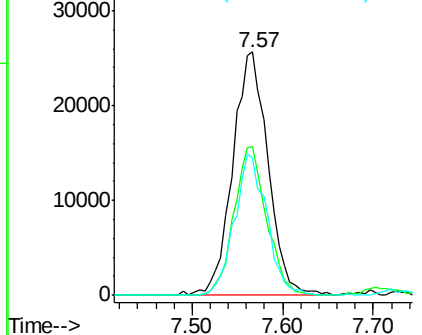
Tot Ion	Ratio	Lower	Upper
42	100		
72	56.7	43.2	64.8
71	53.3	39.4	59.0

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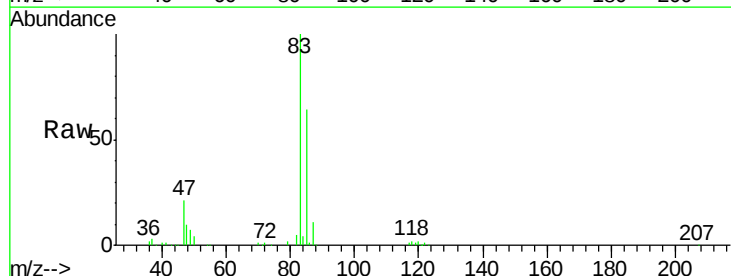


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

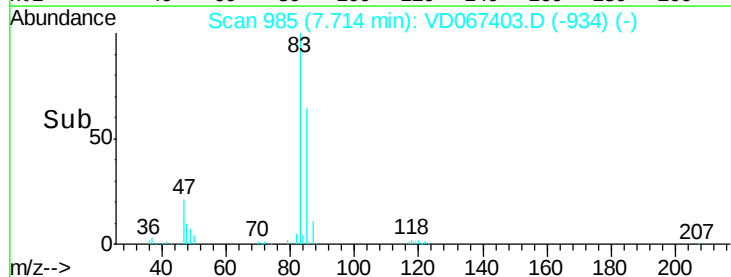
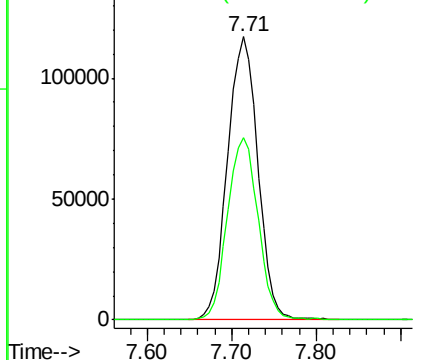


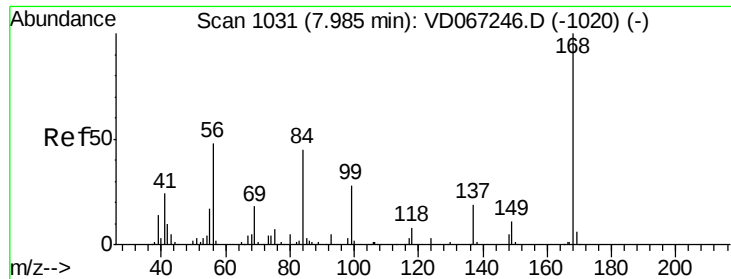
#30
Chloroform
Concen: 49.978 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	47.3	70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





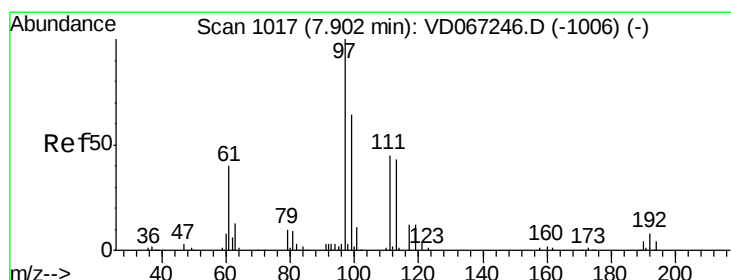
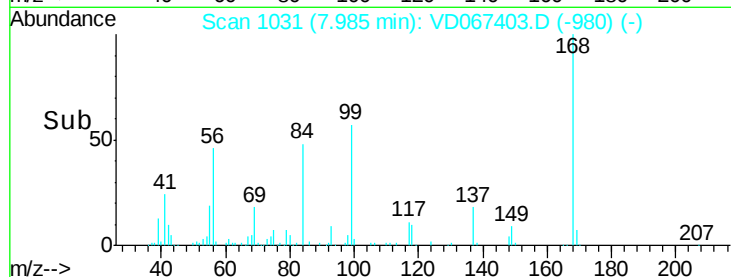
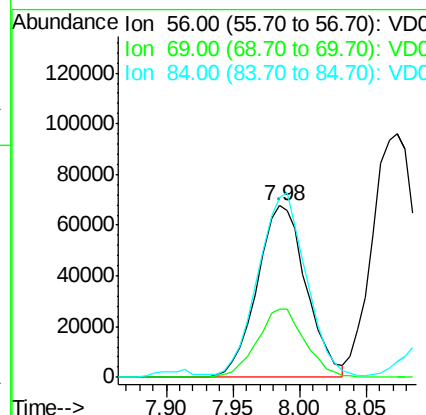
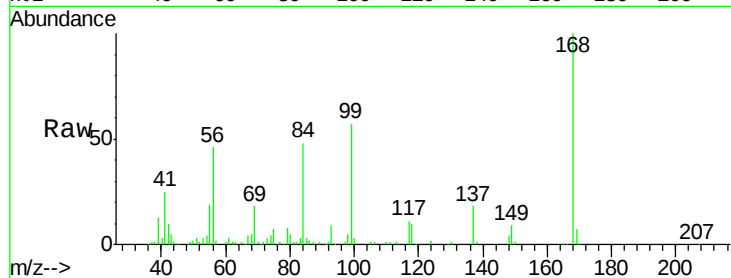
#31
Cyclohexane
Concen: 45.410 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.6	29.8	44.6
84	103.3	76.6	114.8

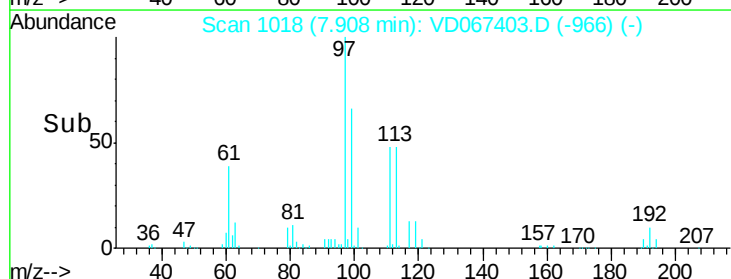
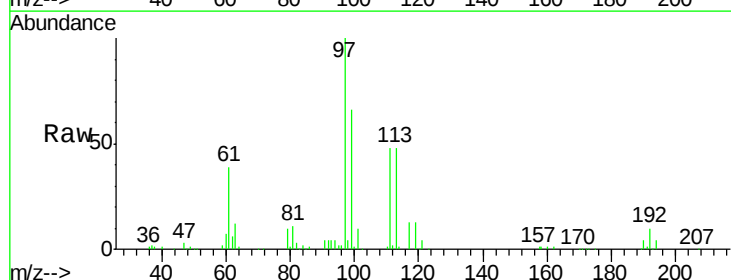
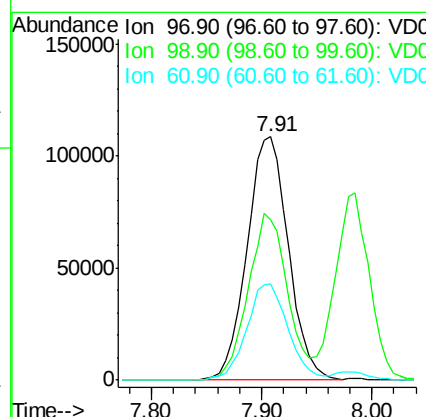
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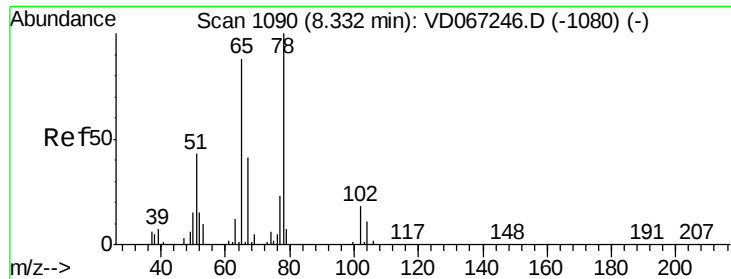
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#32
1,1,1-Trichloroethane
Concen: 50.066 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.2	75.4
61	39.4	30.5	45.7





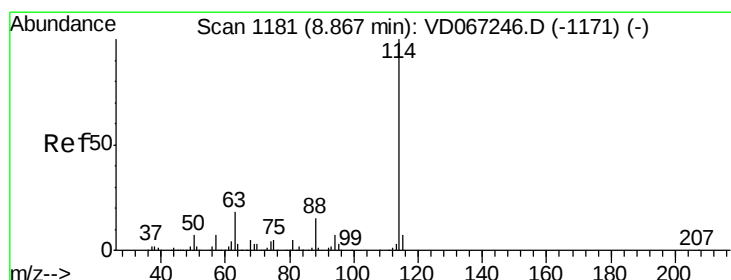
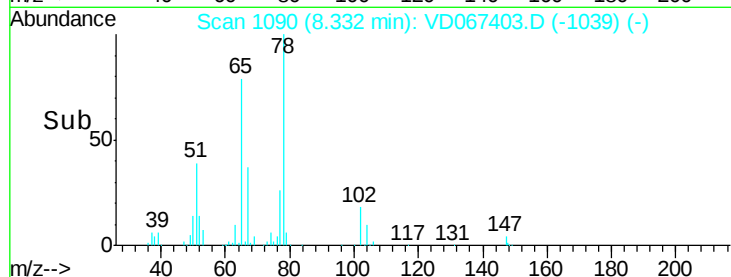
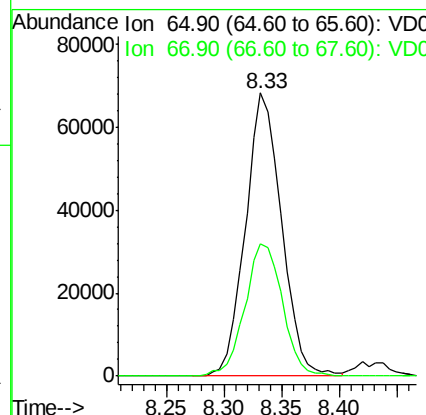
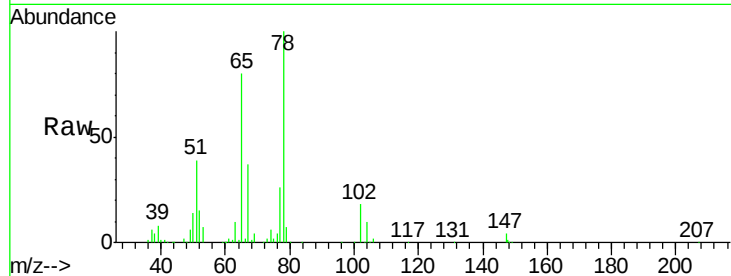
#33
 1,2-Dichloroethane-d4
 Concen: 44.981 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	103.8

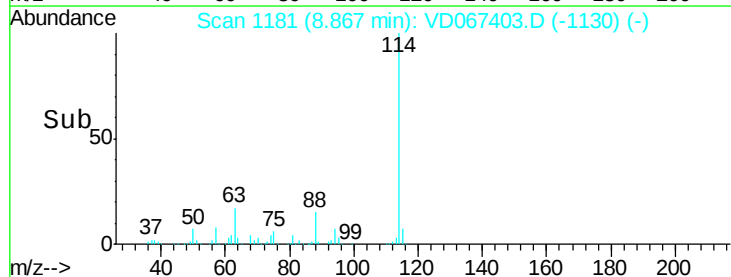
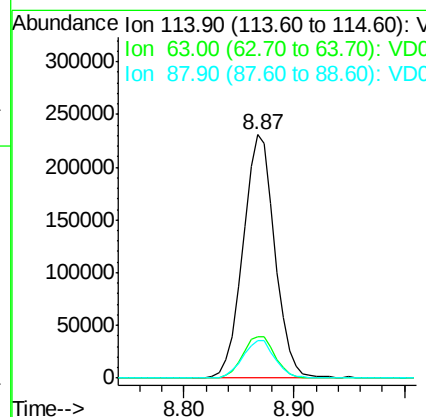
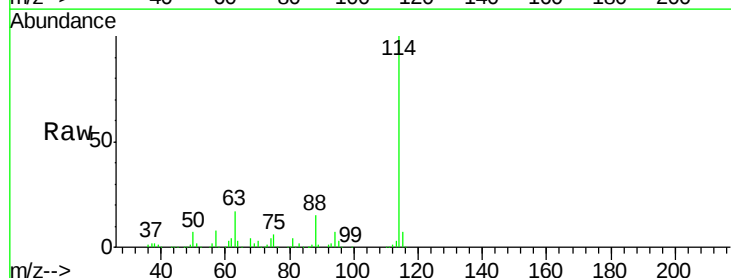
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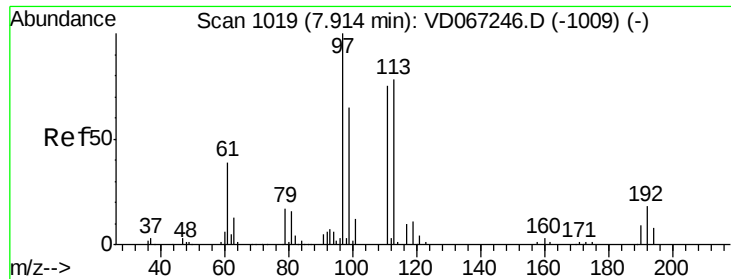
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.0
88	15.4	0.0	30.6





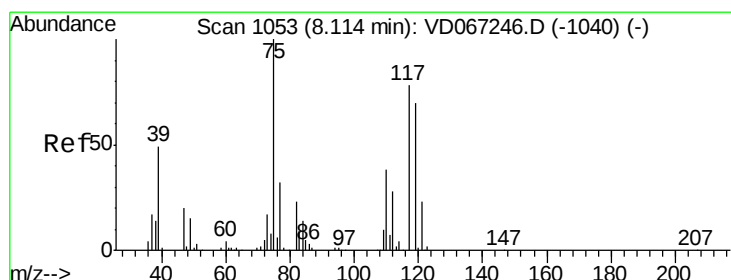
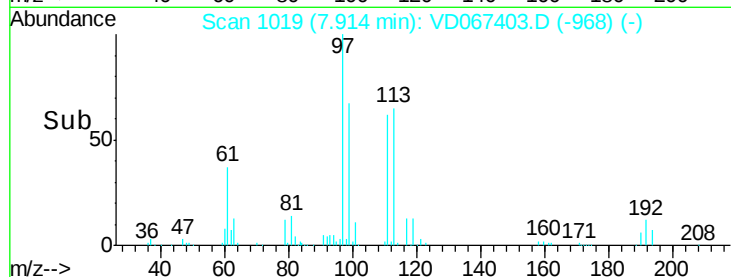
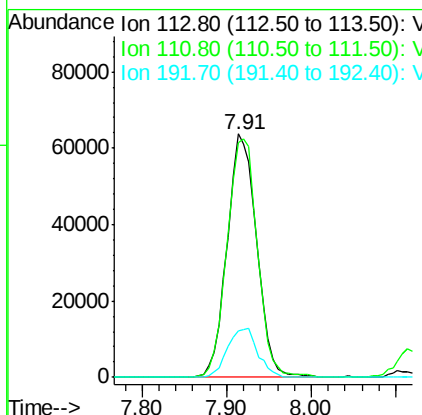
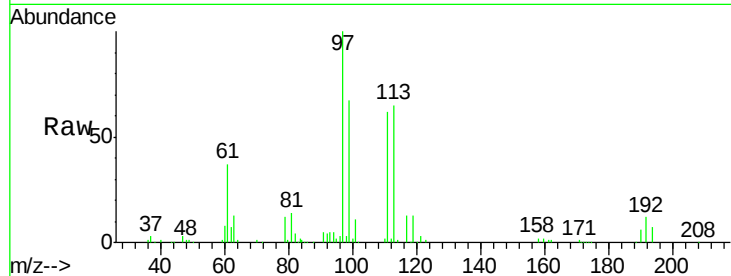
#35
Dibromofluoromethane
Concen: 49.537 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153593		
111	100.6	81.6	122.4	
192	20.7	17.0	25.4	

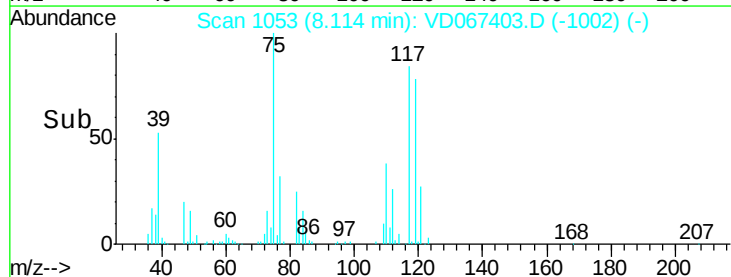
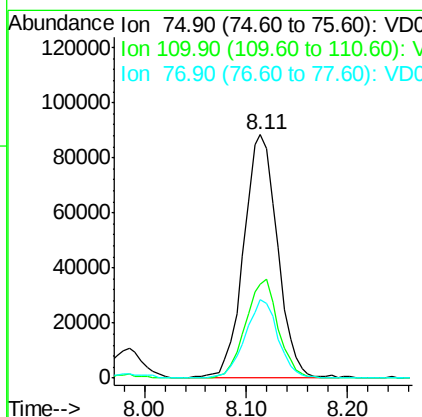
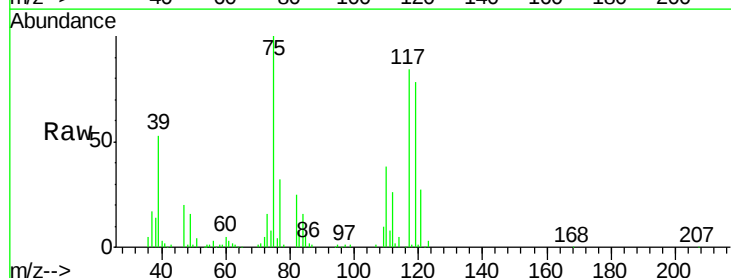
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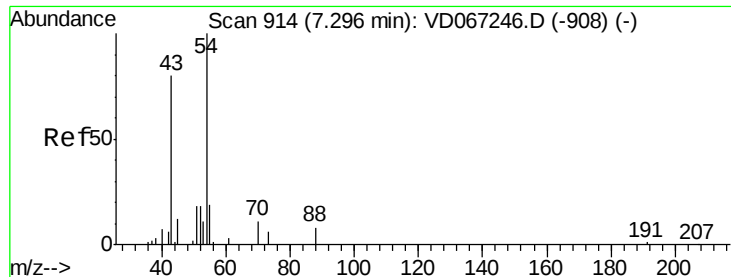
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#36
1,1-Dichloropropene
Concen: 51.811 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	204594		
110	39.1	19.6	58.7	
77	31.3	24.6	37.0	





#37

Ethyl Acetate

Concen: 51.330 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

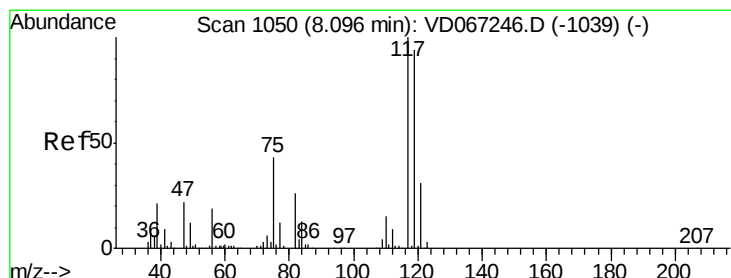
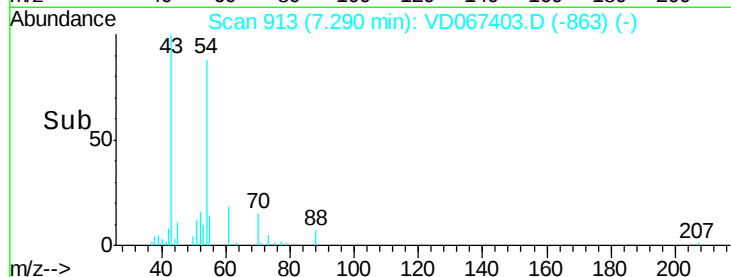
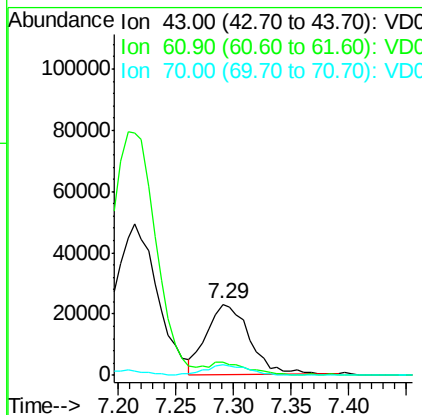
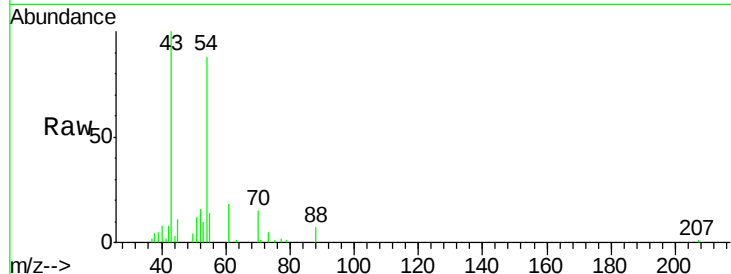
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	59636
Ion	Ratio	Lower	Upper
43	100		
61	15.2	15.6	23.4#
70	15.0	10.4	15.6

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#38

Carbon Tetrachloride

Concen: 53.422 ug/l

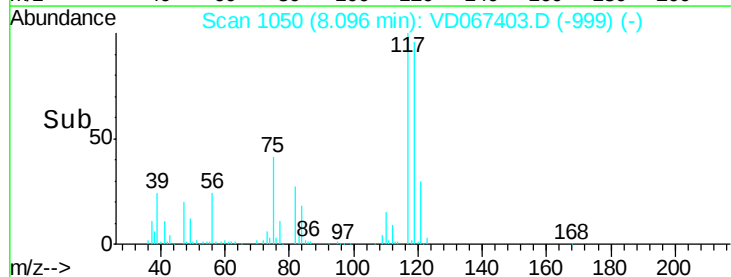
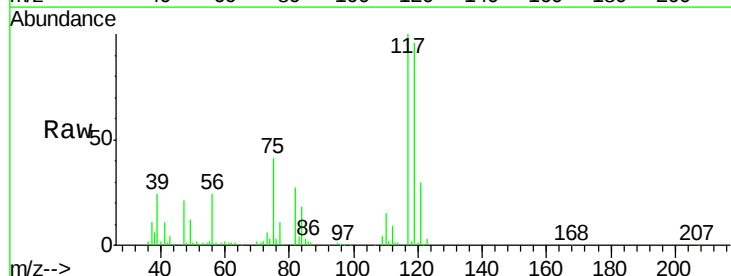
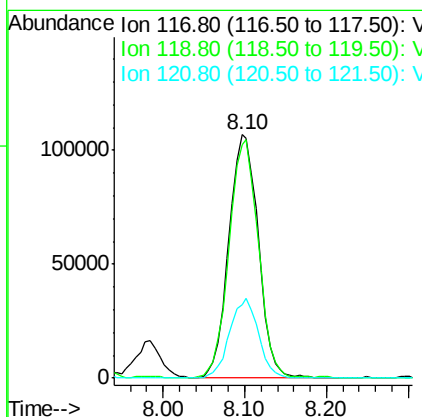
RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion:	117	Resp:	269618
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.4
121	29.9	24.9	37.3





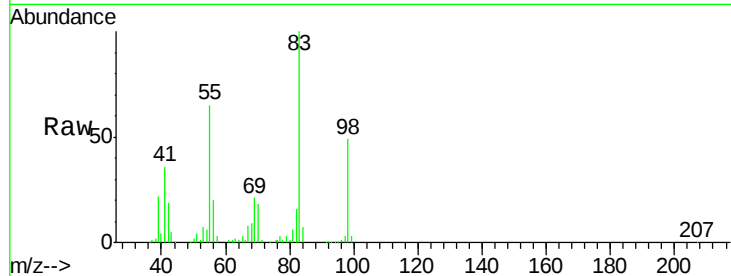
#39
Methvlcvclohexane
Concen: 52.759 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

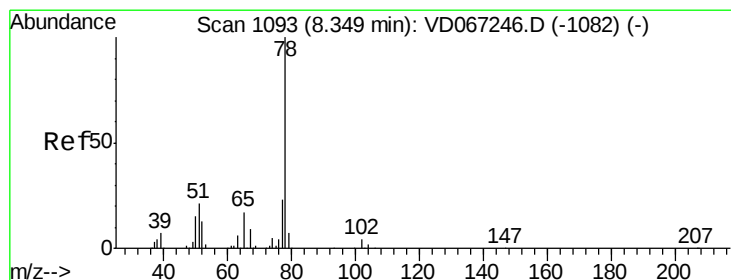
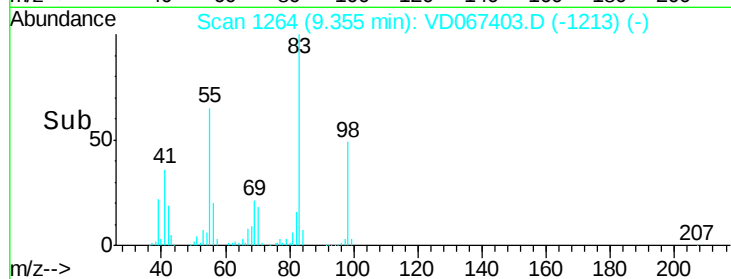
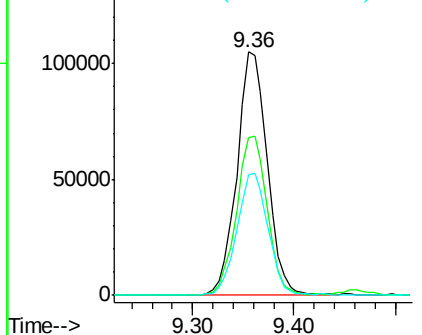
Tot Ion	Ratio	Lower	Upper
83	100		
55	64.8	53.3	79.9
98	49.5	41.0	61.4

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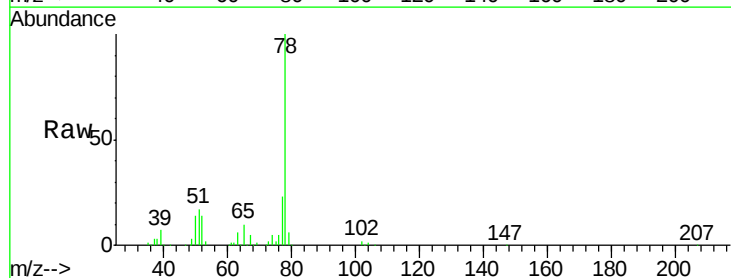


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

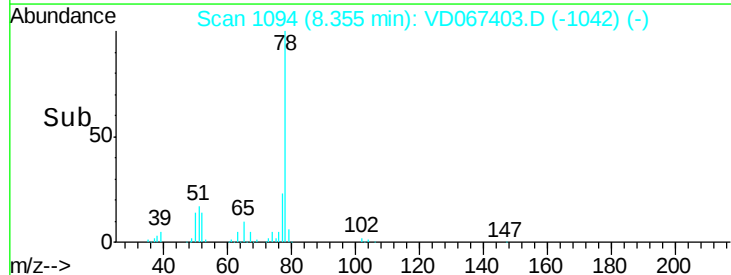
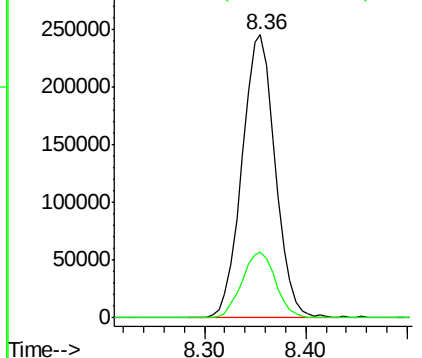


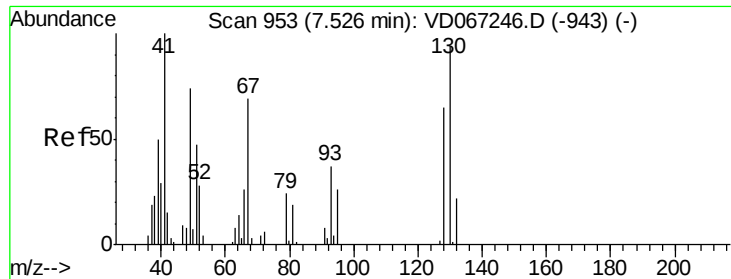
#40
Benzene
Concen: 51.436 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5



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





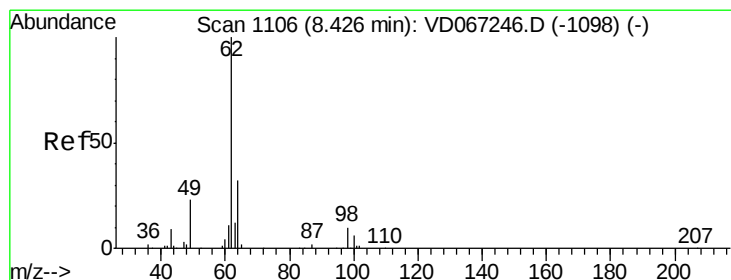
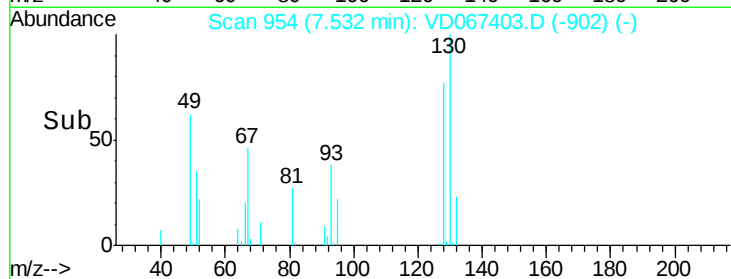
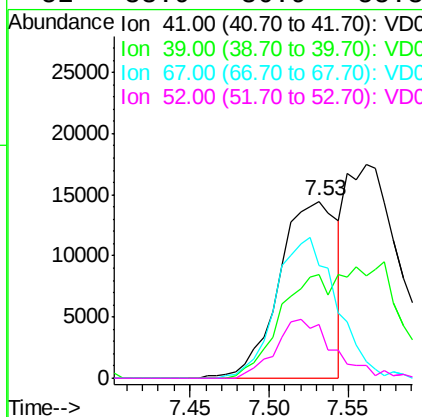
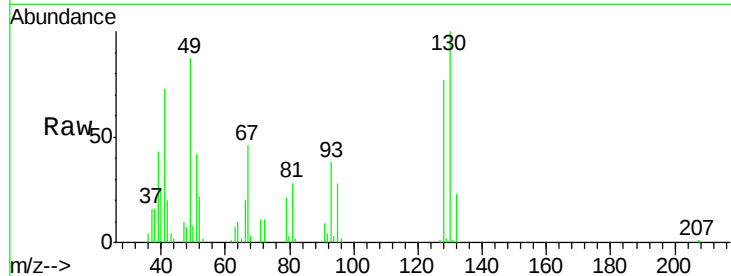
#41
Methacrylonitrile
Concen: 58.511 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.8	60.0	90.0#
67	84.0	88.9	133.3#
52	33.9	36.9	55.3#

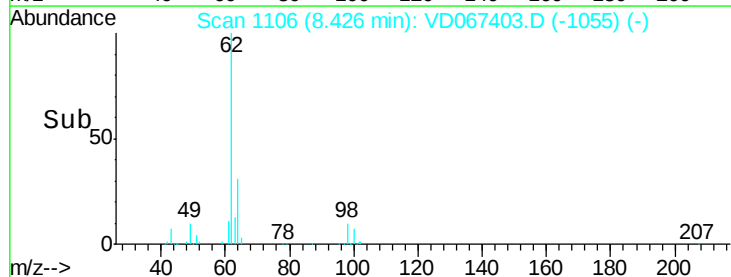
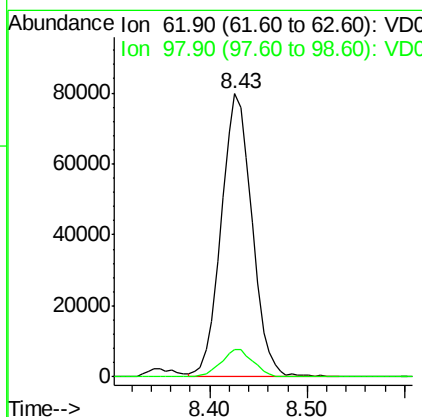
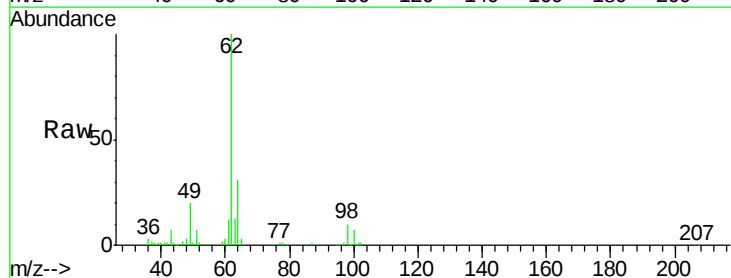
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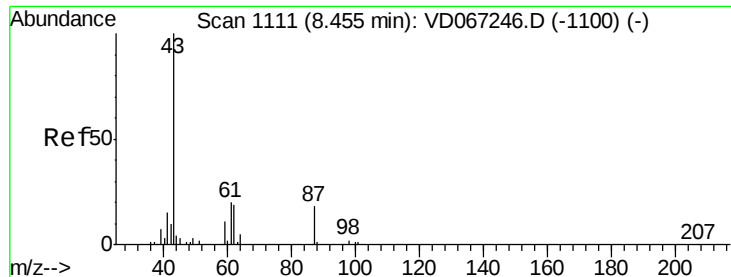
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#42
1,2-Dichloroethane
Concen: 51.523 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





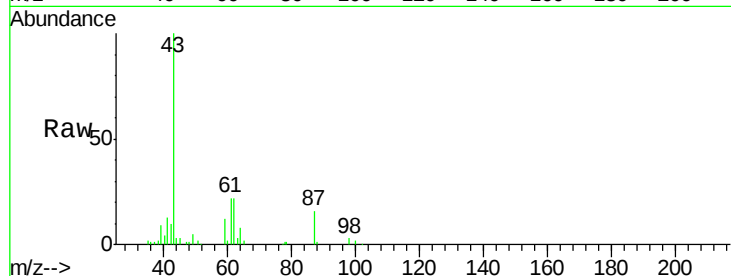
#43
Isopropyl Acetate
Concen: 50.464 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

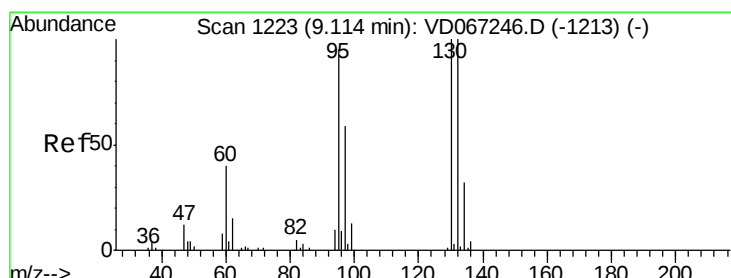
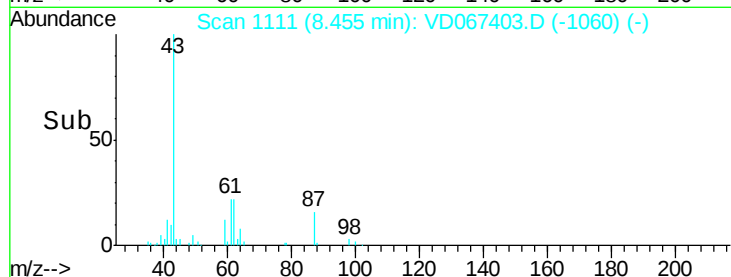
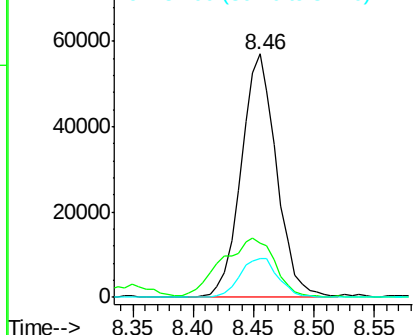
Tot Ion	Ratio	Lower	Upper
43	100		
61	36.6	29.5	44.3
87	17.2	14.2	21.4

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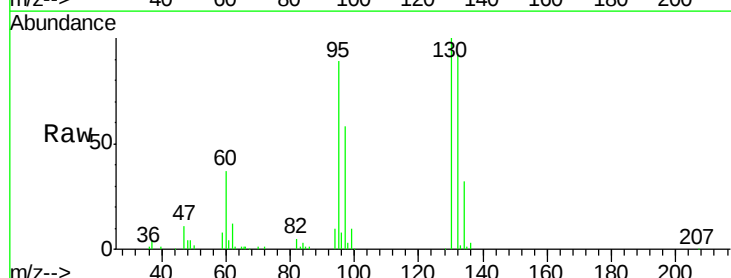


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

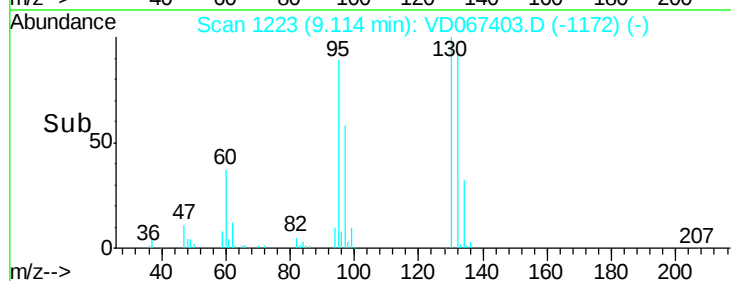
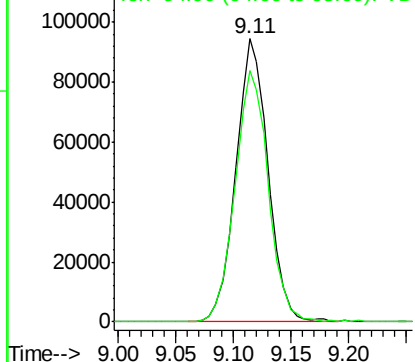


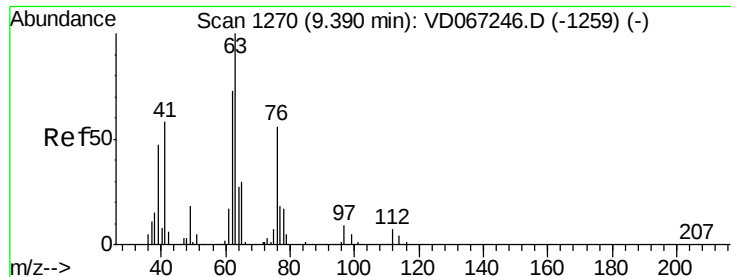
#44
Trichloroethene
Concen: 52.645 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.888 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 127763

Ion Ratio Lower Upper

63 100

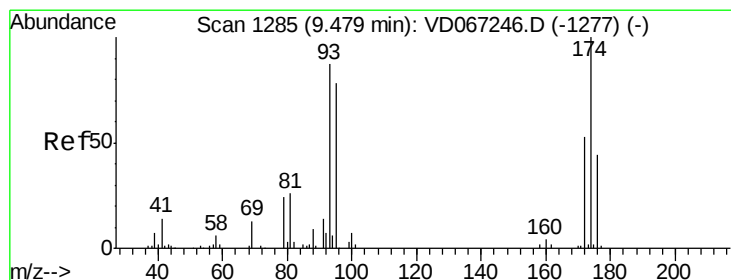
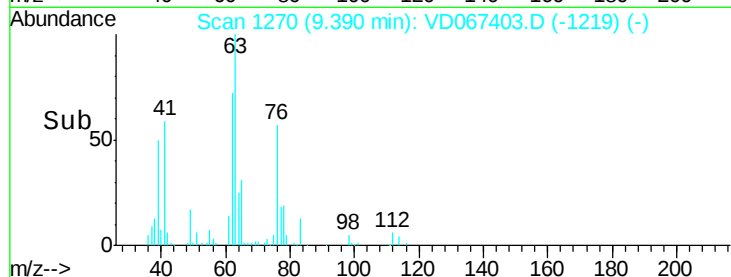
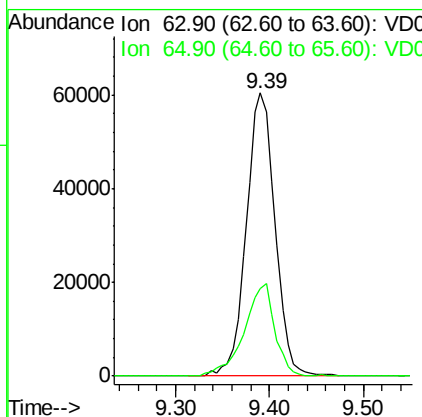
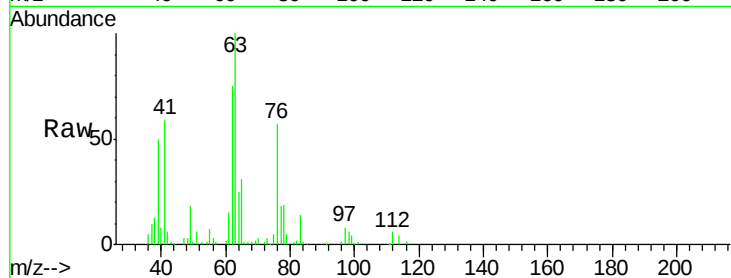
65 30.9 24.6 36.8

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#46

Dibromomethane

Concen: 49.745 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

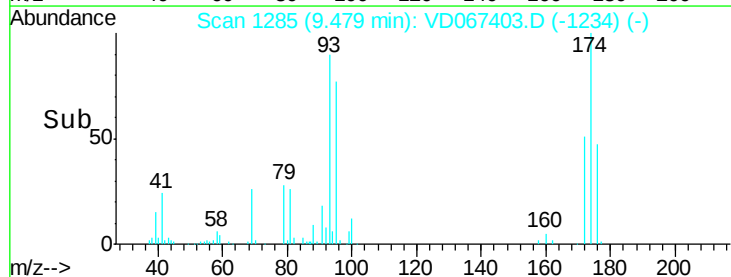
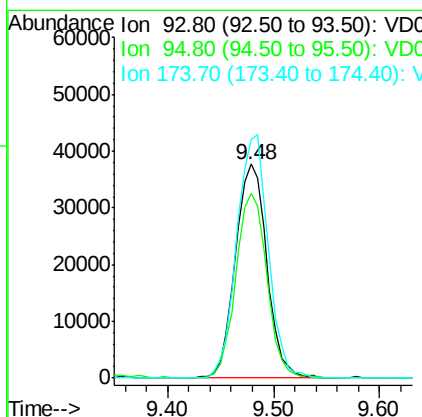
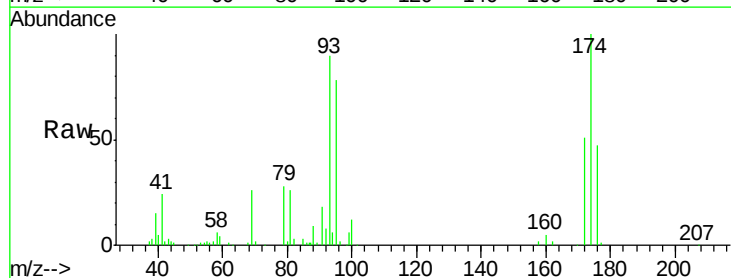
Tgt Ion: 93 Resp: 77814

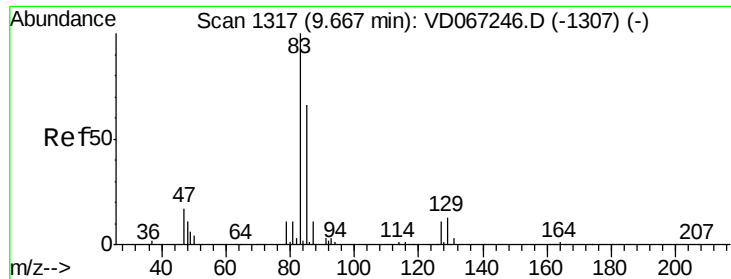
Ion Ratio Lower Upper

93 100

95 85.2 68.0 102.0

174 113.7 91.8 137.6





#47

Bromodichloromethane

Concen: 52.238 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

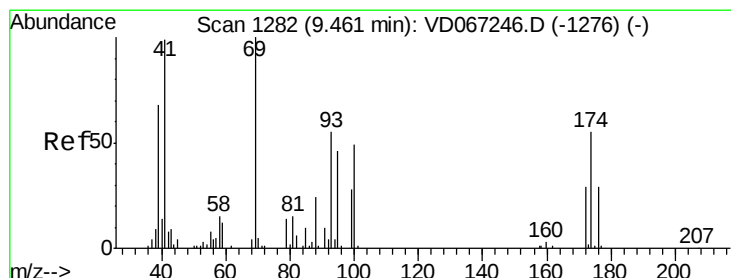
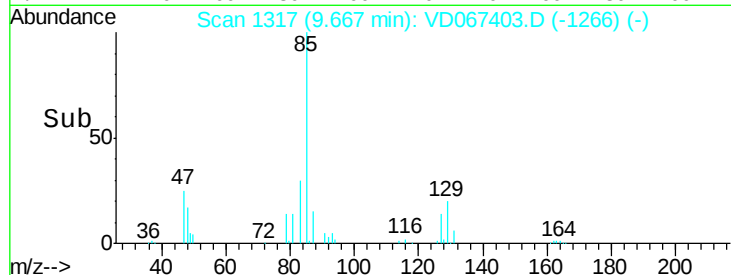
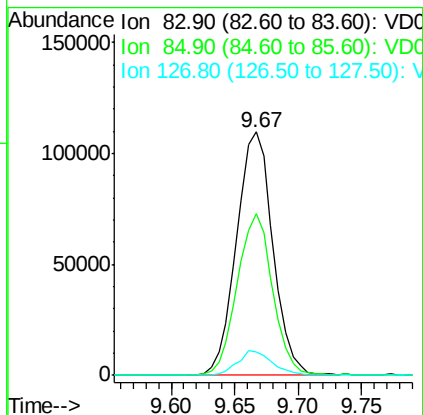
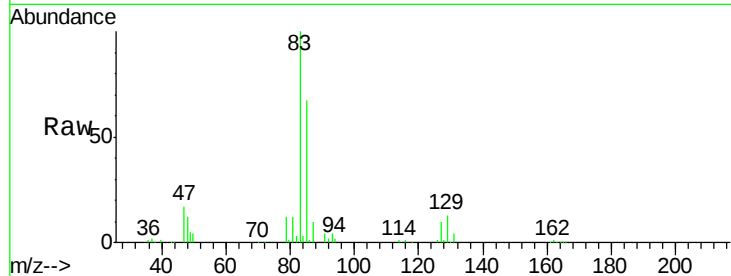
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	218929
Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.1	79.7
127	9.6	8.6	13.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.652 ug/l

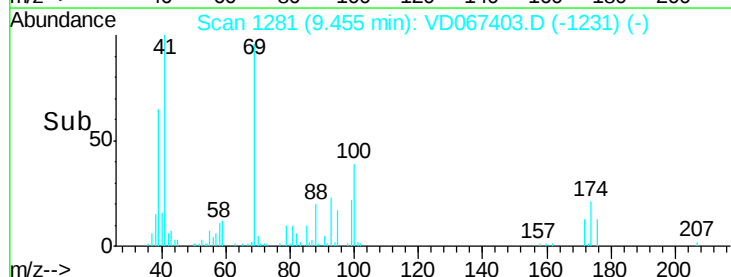
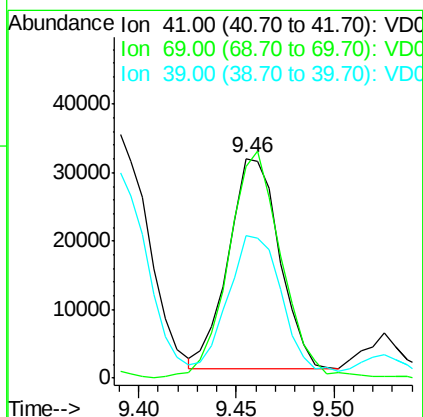
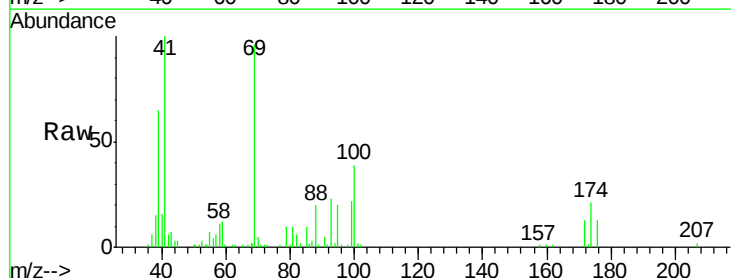
RT: 9.46 min Scan# 1281

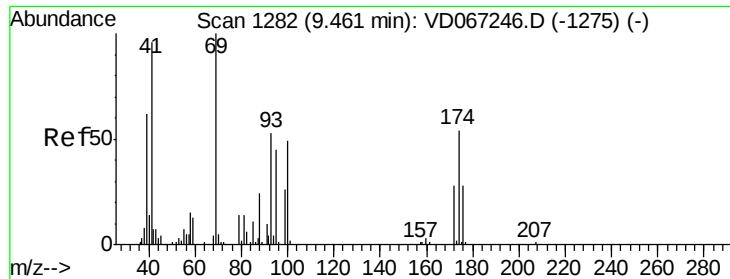
Delta R.T. -0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion:	41	Resp:	55626
Ion	Ratio	Lower	Upper
41	100		
69	112.0	89.0	133.6
39	74.8	60.2	90.2





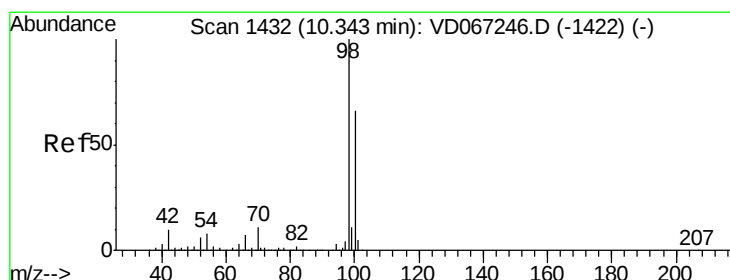
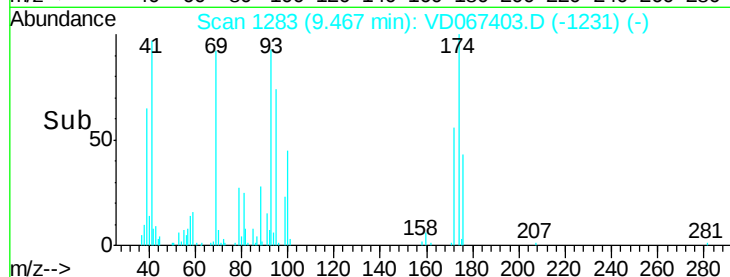
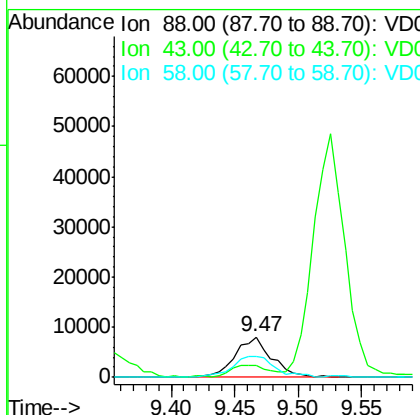
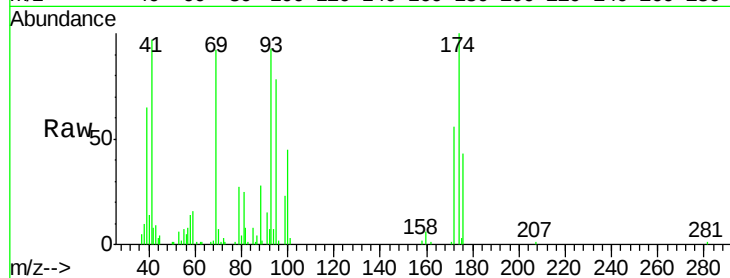
#49
1,4-Dioxane
Concen: 1041.631 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	15749
Ion	Ratio	Lower	Upper
88	100		
43	34.9	23.9	35.9
58	62.7	51.0	76.6

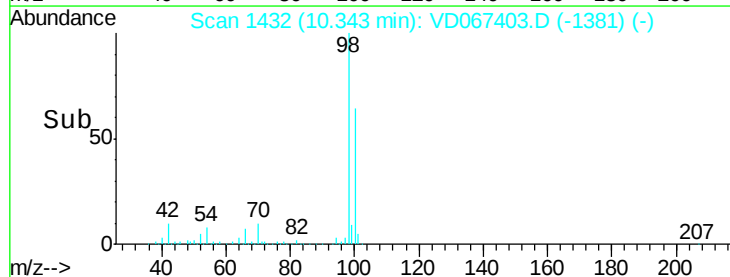
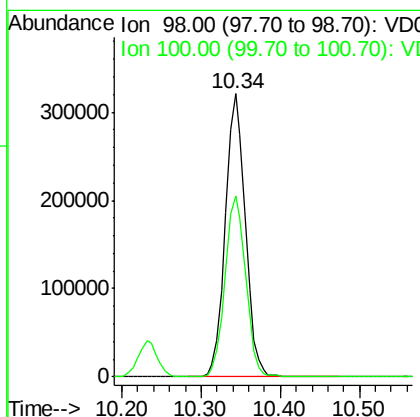
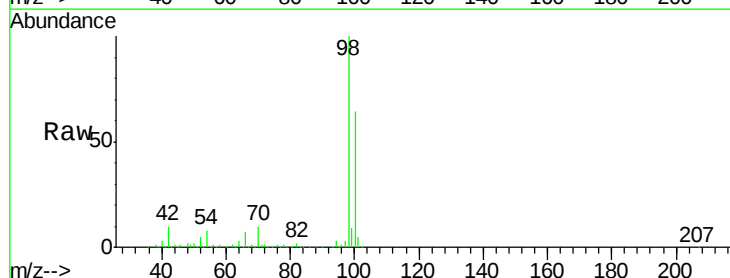
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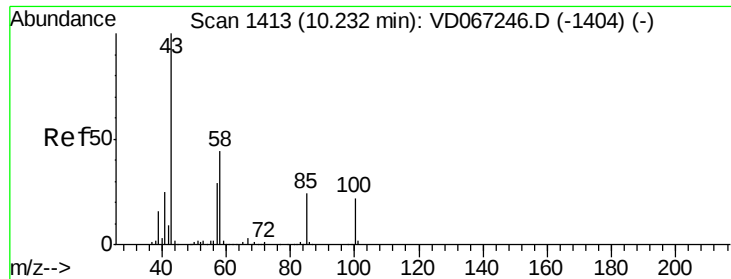
MMDadoda
10/28/2020 11:45:19 AM



#50
Toluene-d8
Concen: 49.992 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	98	Resp	560945
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 260.145 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 299123

Ion Ratio Lower Upper

43 100

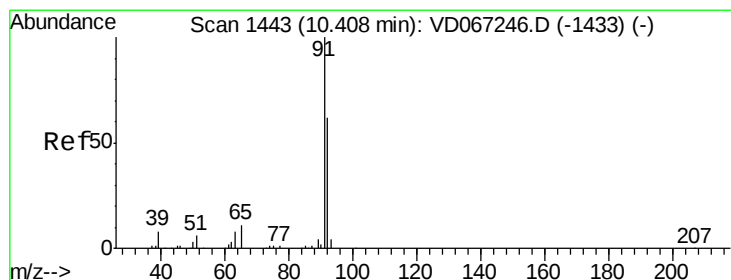
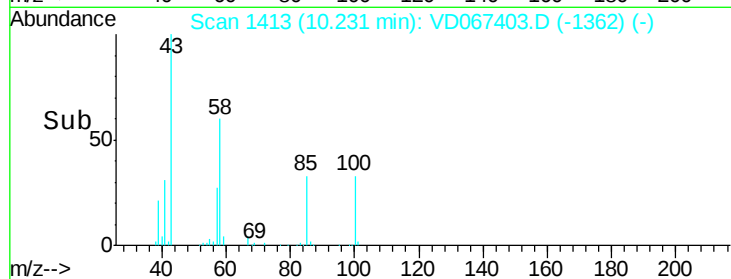
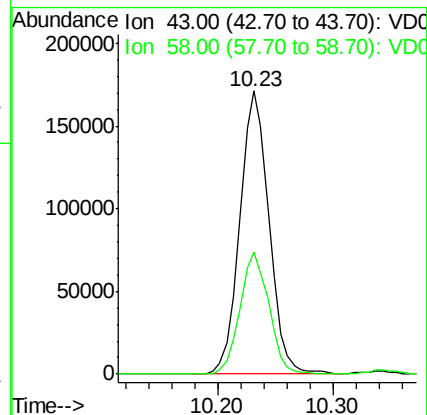
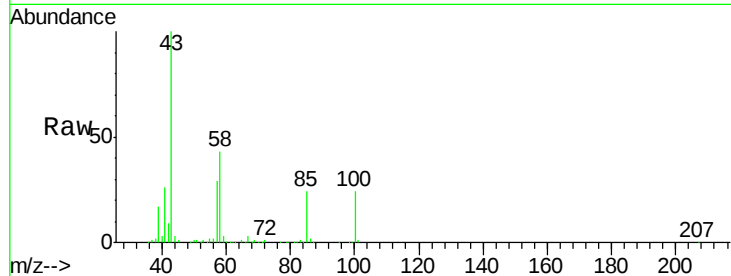
58 43.0 35.7 53.5

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#52

Toluene

Concen: 53.362 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067403.D

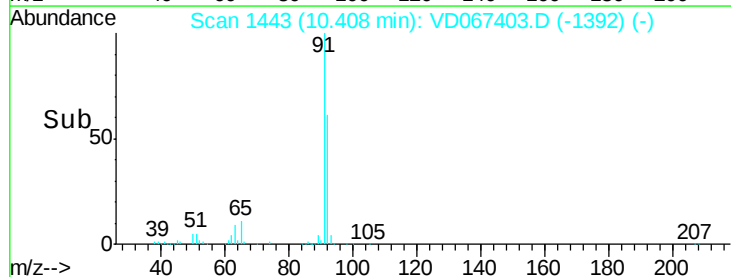
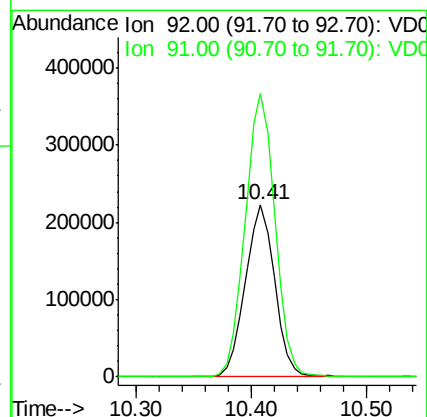
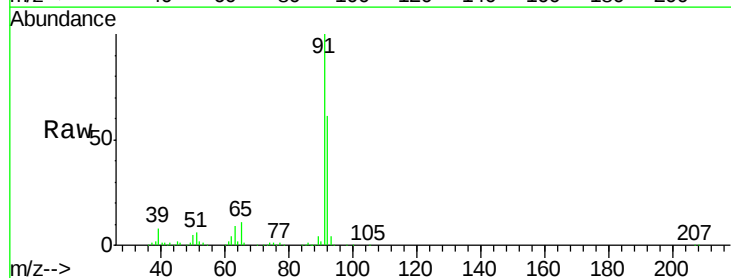
Acq: 27 Oct 2020 11:12

Tgt Ion: 92 Resp: 393730

Ion Ratio Lower Upper

92 100

91 167.5 133.8 200.8





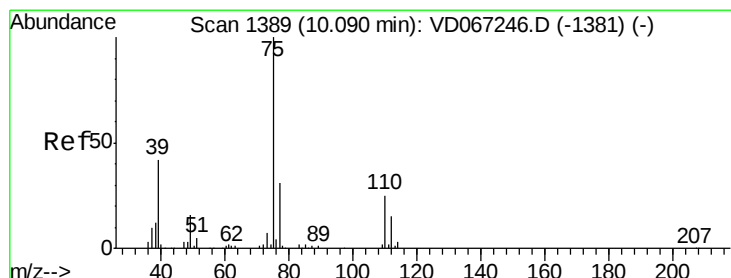
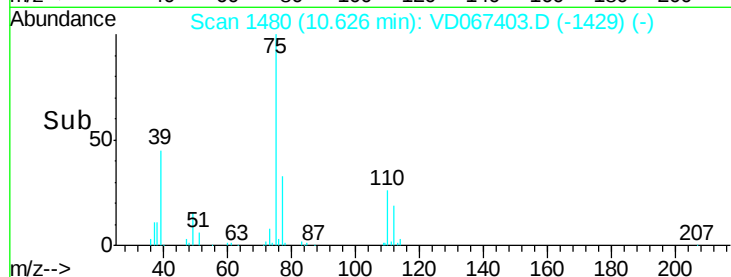
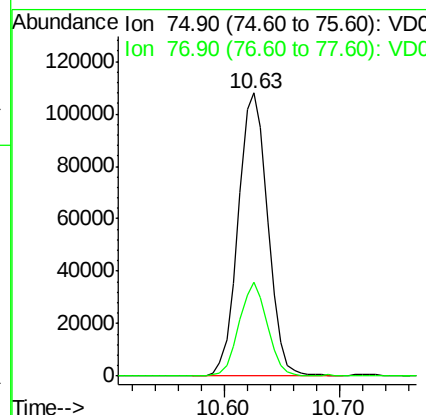
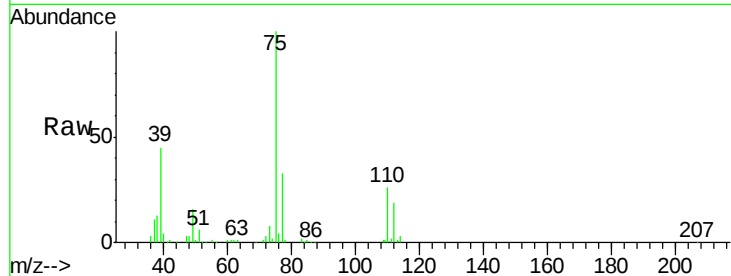
#53
t-1,3-Dichloropropene
Concen: 51.958 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 191289
Ion Ratio Lower Upper
75 100
77 33.2 26.5 39.7

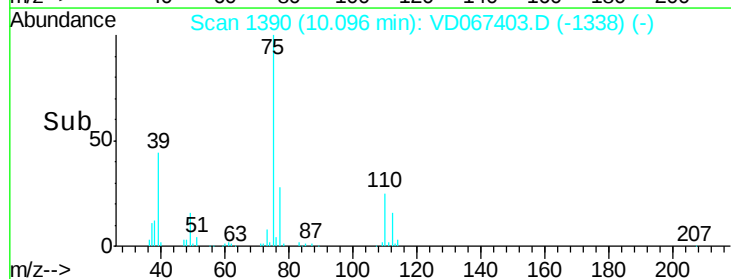
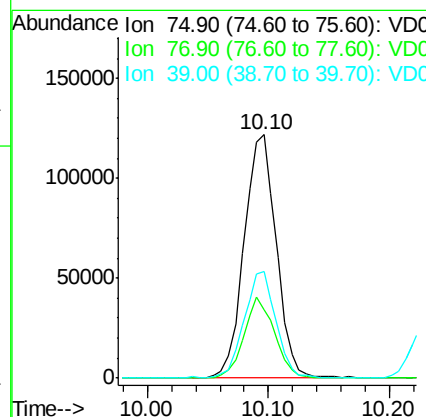
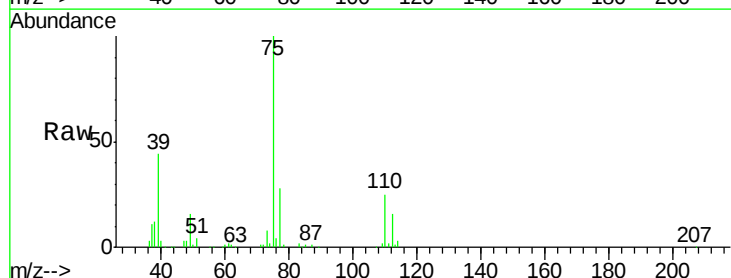
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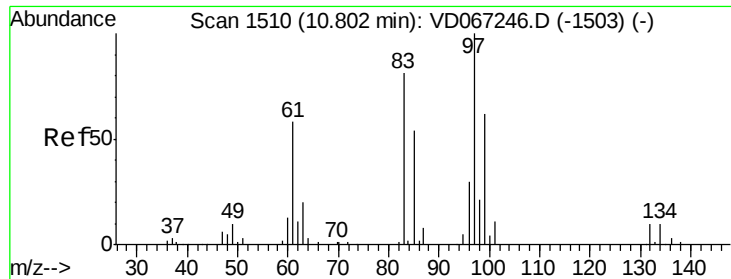
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#54
cis-1,3-Dichloropropene
Concen: 52.730 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion: 75 Resp: 227195
Ion Ratio Lower Upper
75 100
77 28.2 24.5 36.7
39 43.5 33.7 50.5





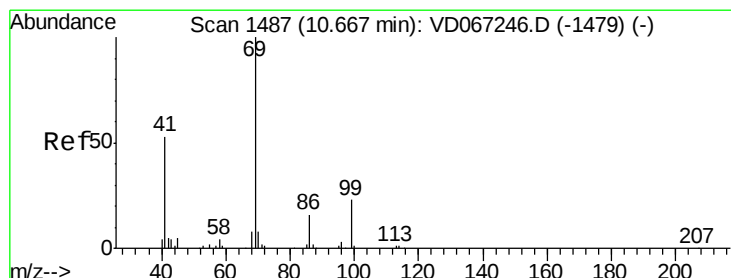
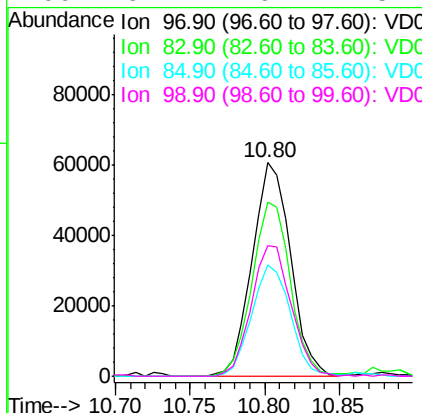
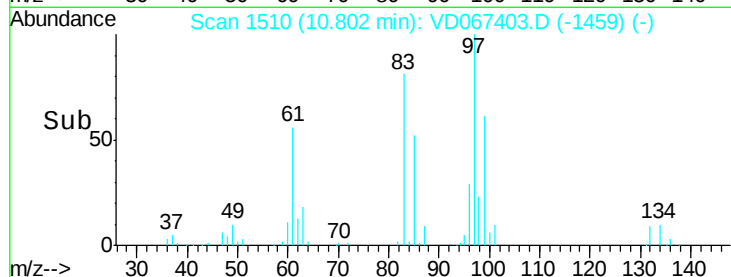
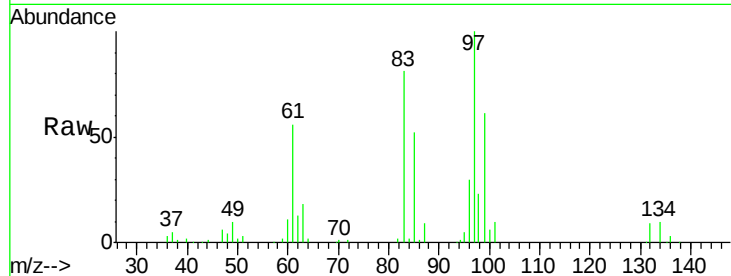
#55
 1,1,2-Trichloroethane
 Concen: 50.754 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	108264
Ion	Ratio	Lower	Upper
97	100		
83	81.5	64.9	97.3
85	51.9	43.3	64.9
99	61.1	49.1	73.7

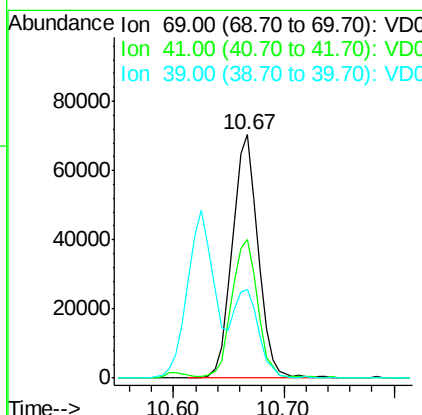
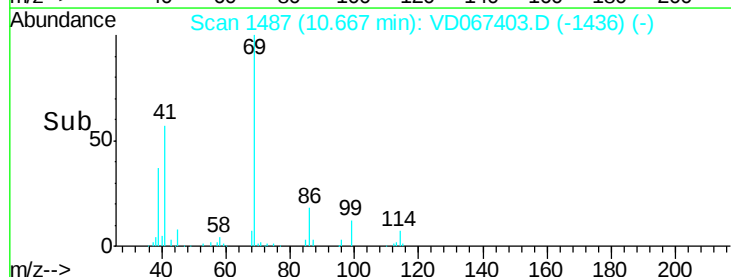
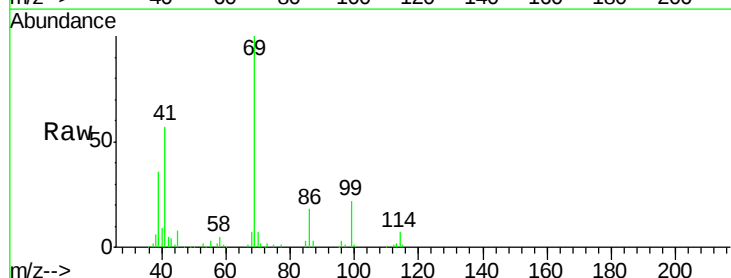
Manual Integrations
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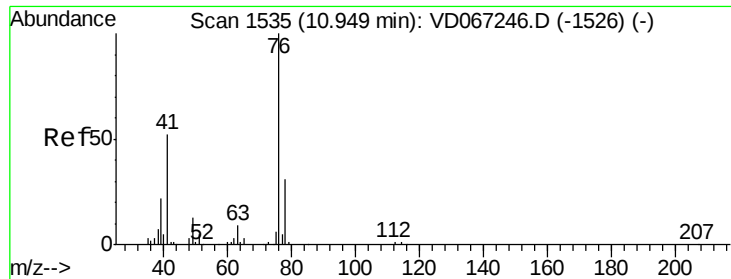
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#56
 Ethyl methacrylate
 Concen: 52.423 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	69	Resp	115972
Ion	Ratio	Lower	Upper
69	100		
41	56.9	44.7	67.1
39	33.7	26.2	39.2





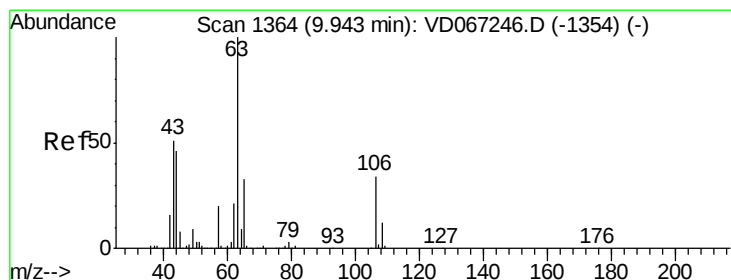
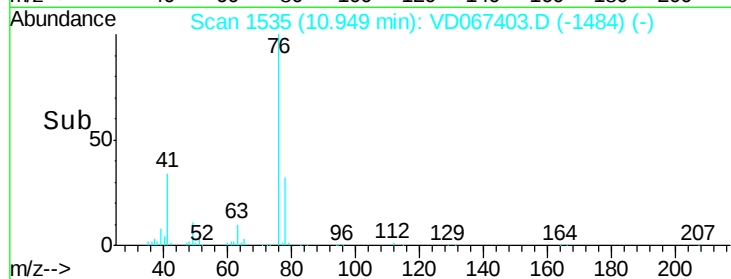
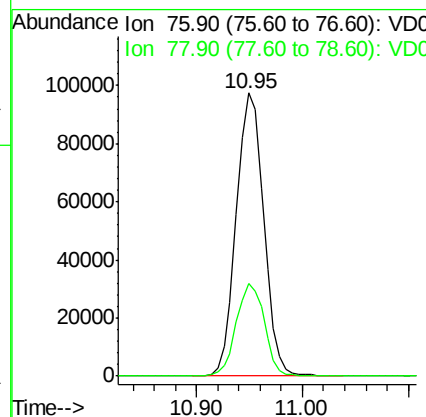
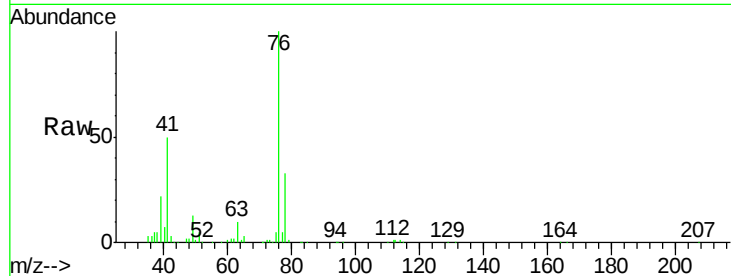
#57
 1,3-Dichloropropane
 Concen: 51.652 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 175340
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.8 40.2

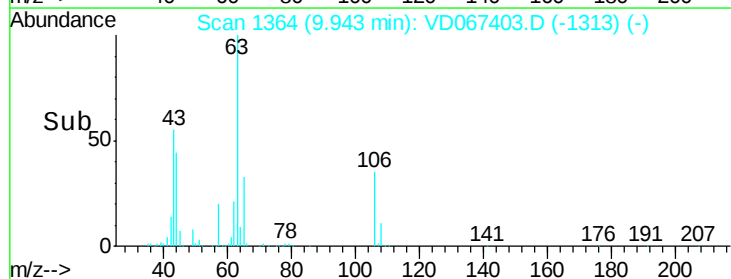
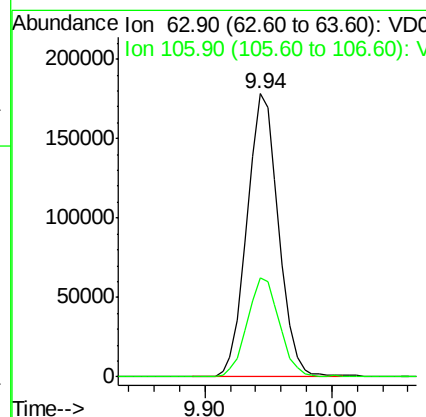
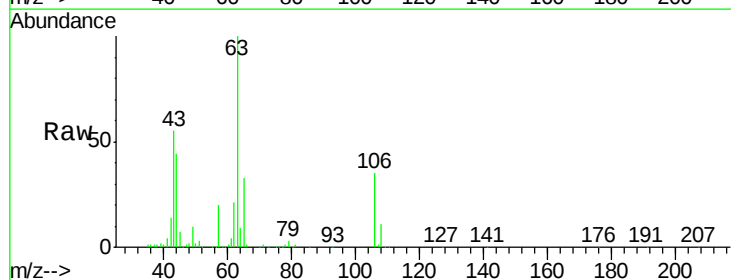
Manual Integrations
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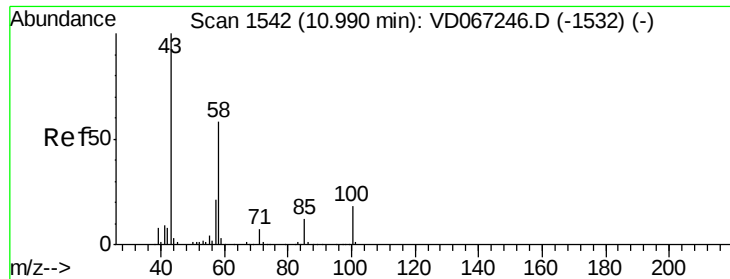
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 272.416 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion: 63 Resp: 309160
 Ion Ratio Lower Upper
 63 100
 106 35.7 27.8 41.6





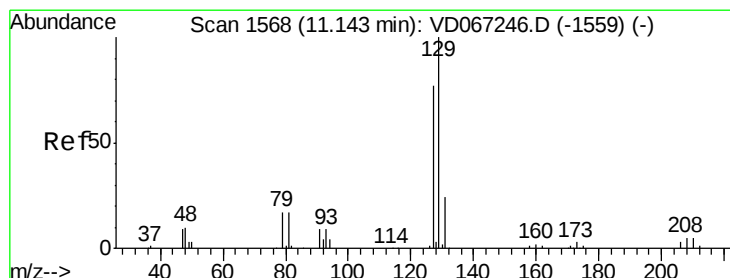
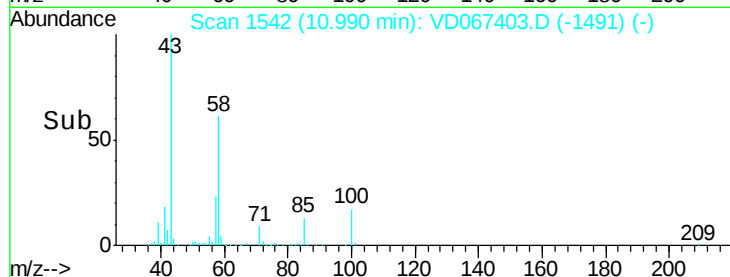
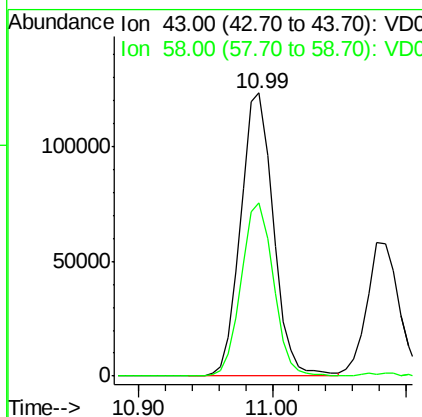
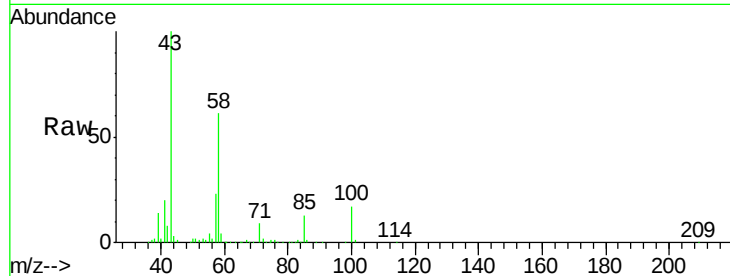
#59
2-Hexanone
Concen: 266.963 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.2	29.3	87.9

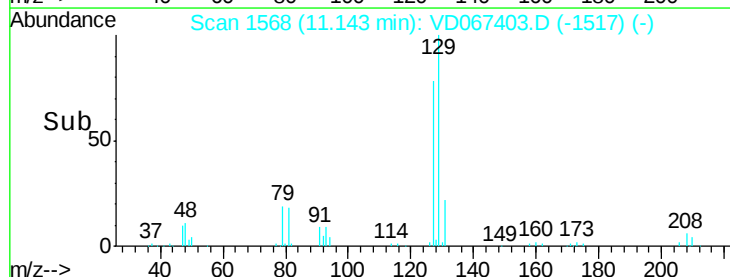
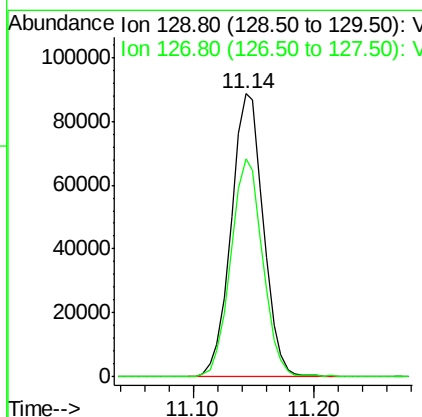
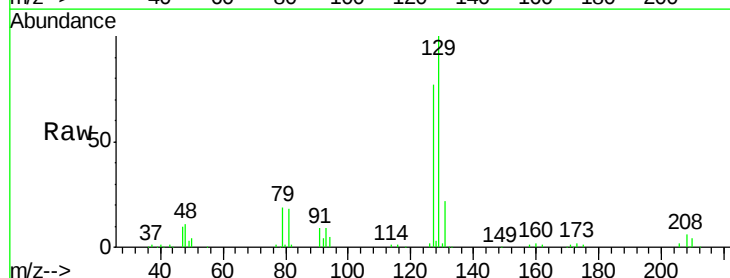
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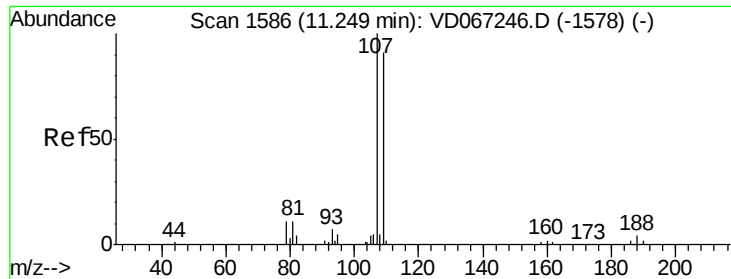
MMDadoda
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#60
Dibromochloromethane
Concen: 52.880 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.3	114.8





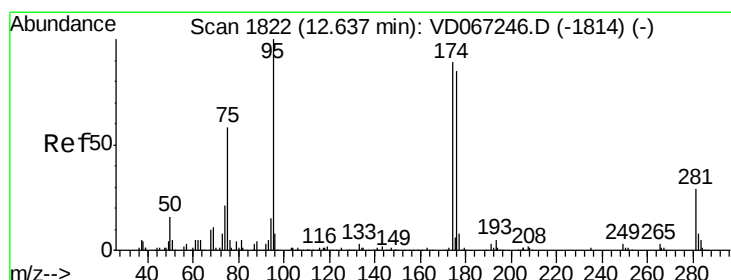
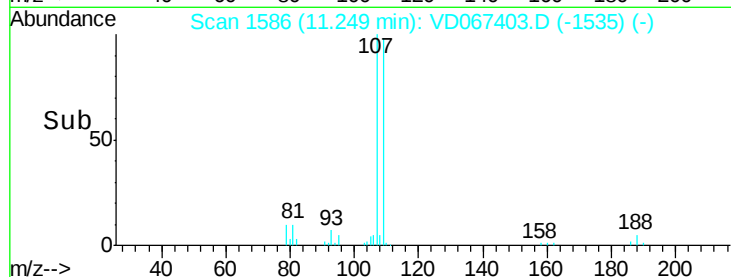
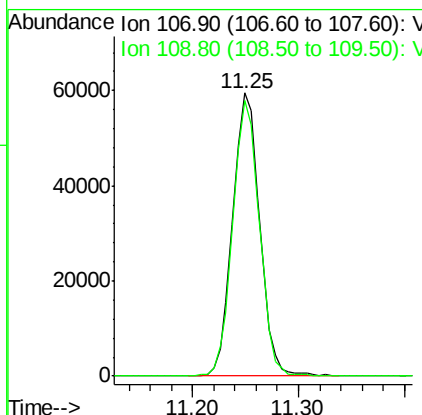
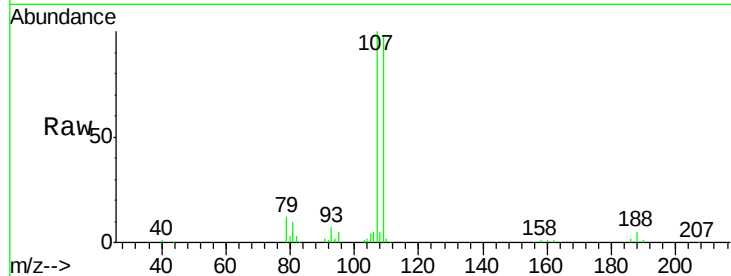
#61
 1,2-Dibromoethane
 Concen: 49.931 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.6	112.0

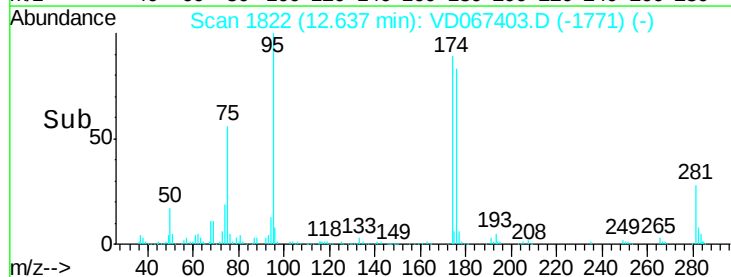
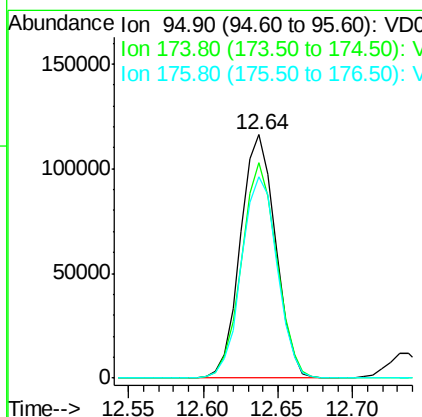
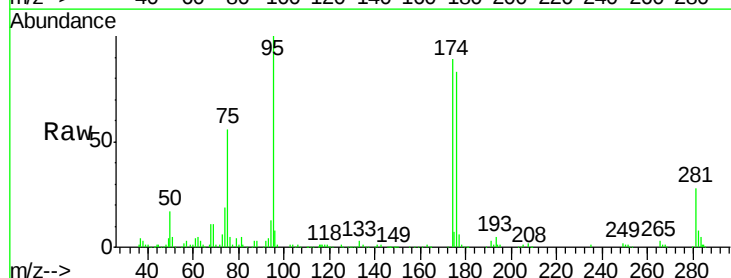
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#62
 4-Bromofluorobenzene
 Concen: 48.789 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	175.2
176	83.9	0.0	168.6





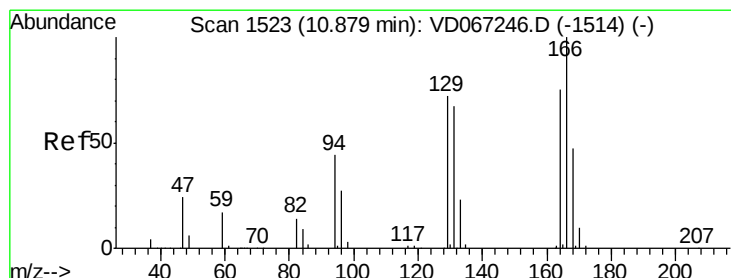
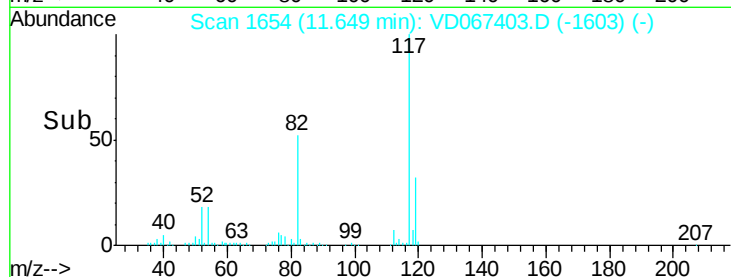
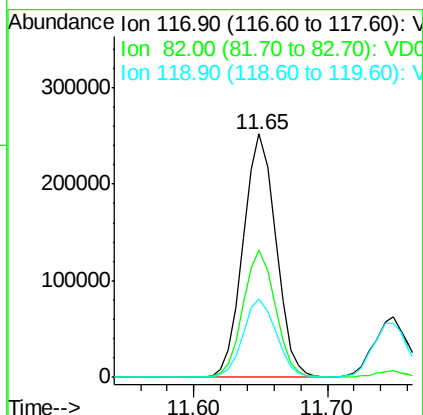
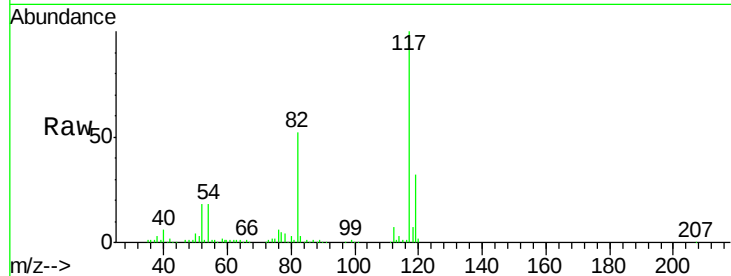
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	39.9	59.9
119	32.4	24.9	37.3

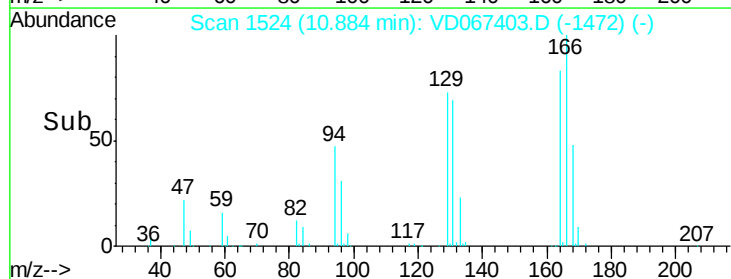
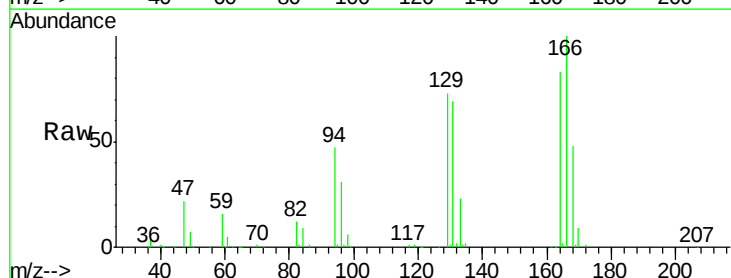
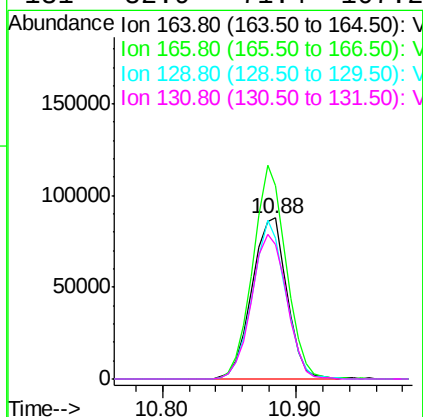
Manual Integrations
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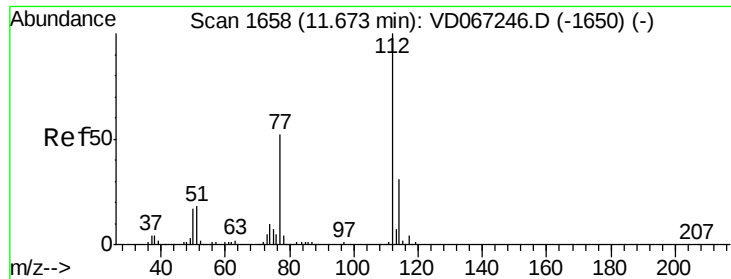
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#64
Tetrachloroethene
Concen: 51.221 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.9	107.3	160.9
129	87.7	77.3	115.9
131	82.9	71.4	107.2





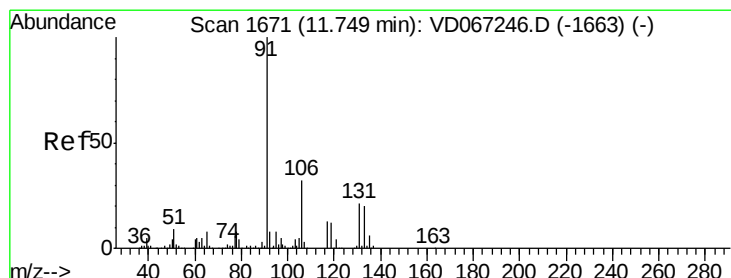
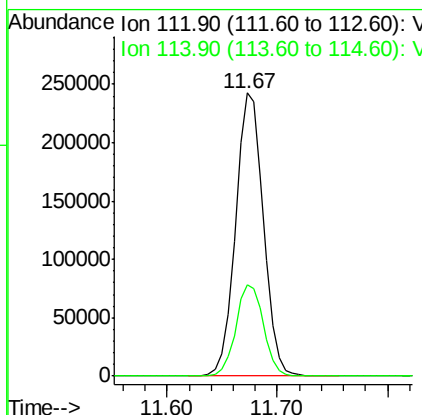
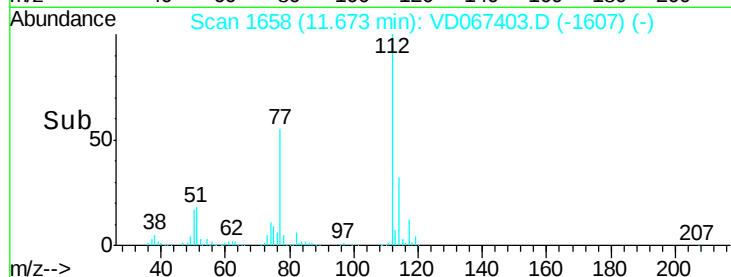
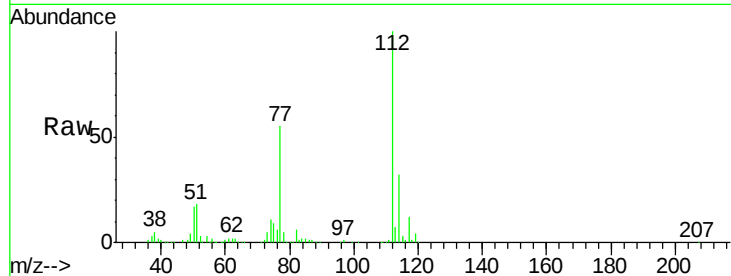
#65
Chlorobenzene
Concen: 52.103 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 427769
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

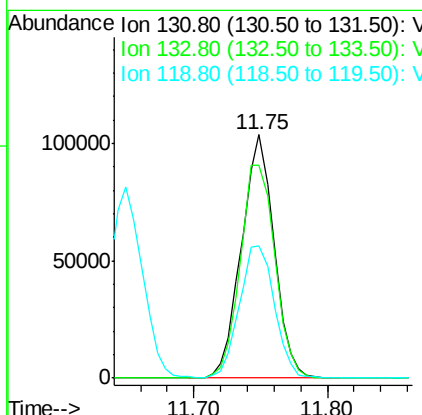
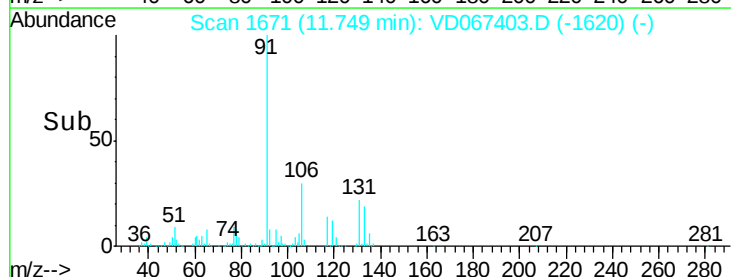
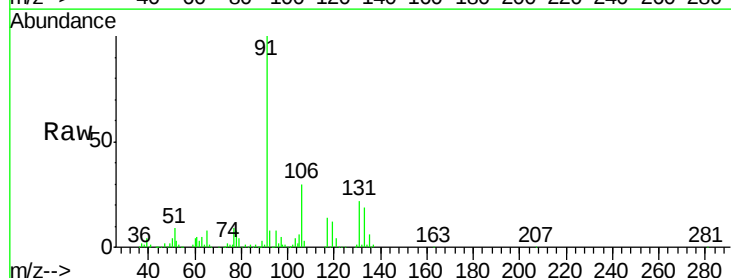
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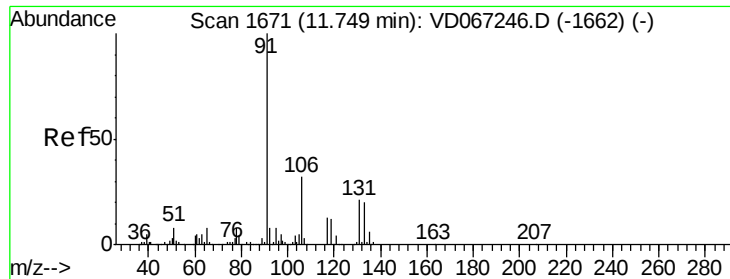
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.768 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion:131 Resp: 175449
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 58.3 30.0 90.0





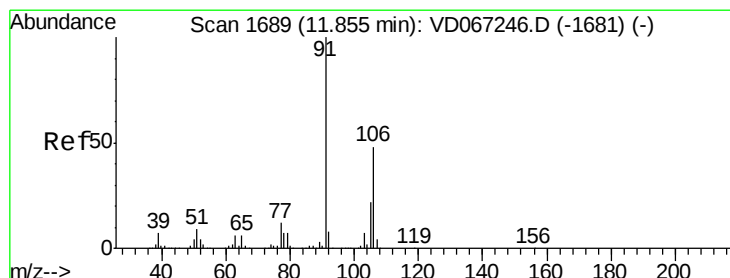
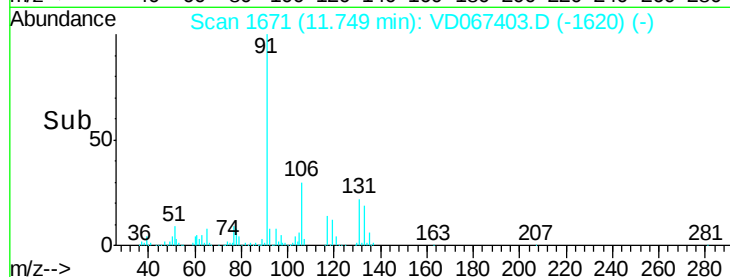
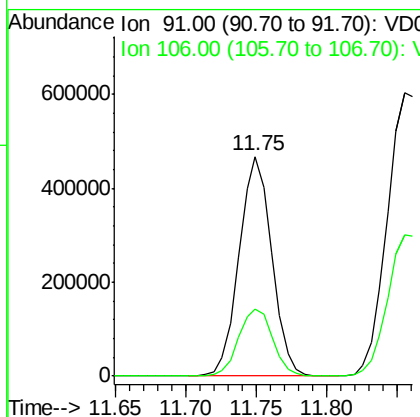
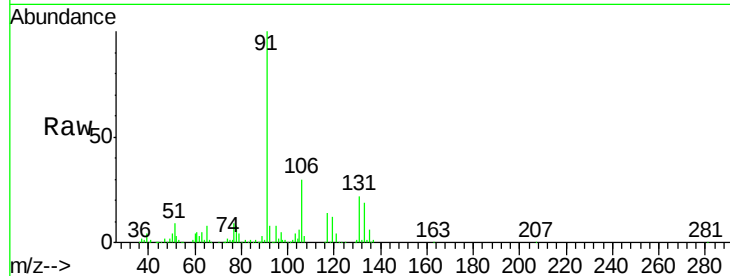
#67
Ethyl Benzene
Concen: 53.969 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 759546
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0

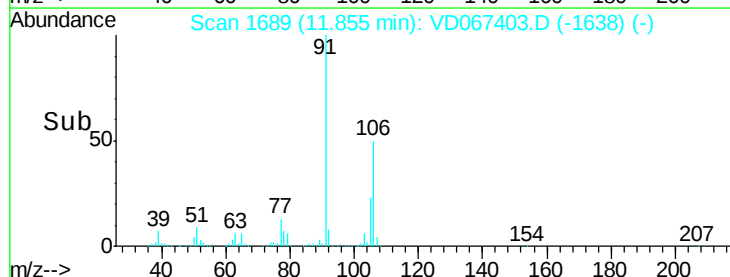
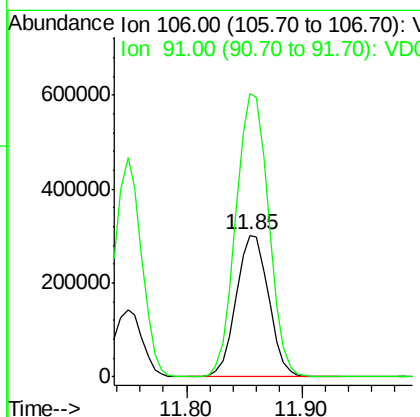
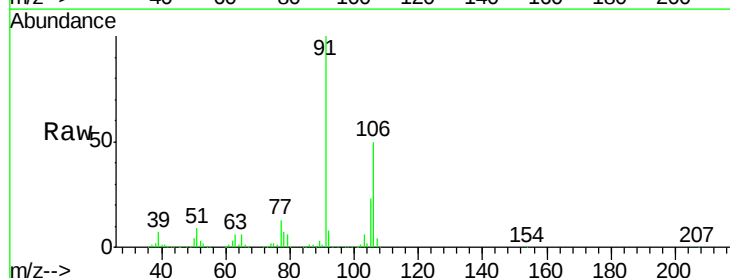
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#68
m/p-Xylenes
Concen: 108.308 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion: 106 Resp: 586982
Ion Ratio Lower Upper
106 100
91 202.9 163.8 245.8





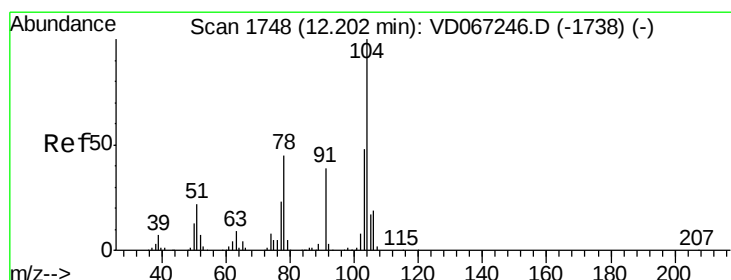
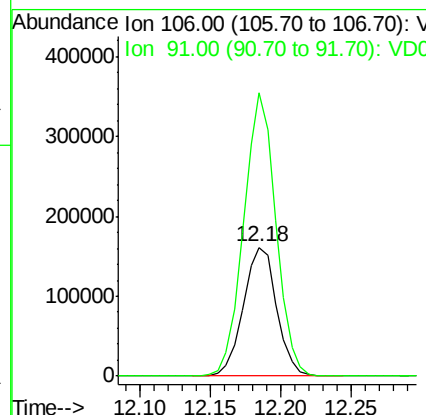
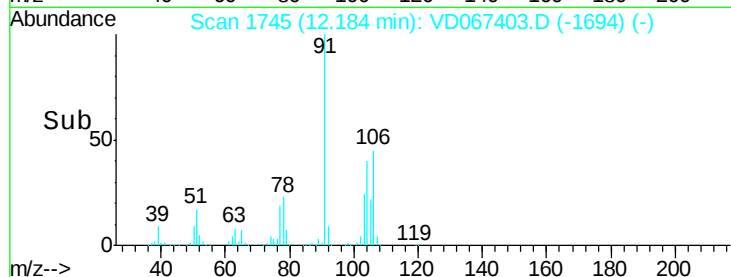
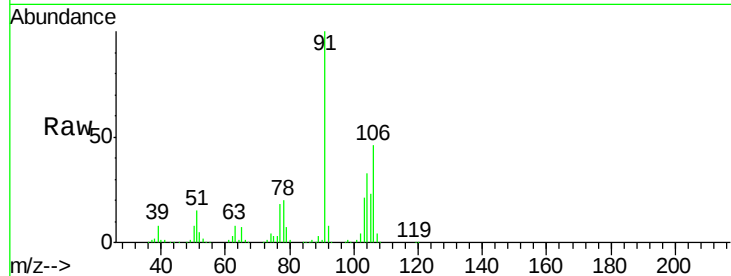
#69
o-Xylene
Concen: 53.057 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		266272		
91	212.3	109.1	327.3		

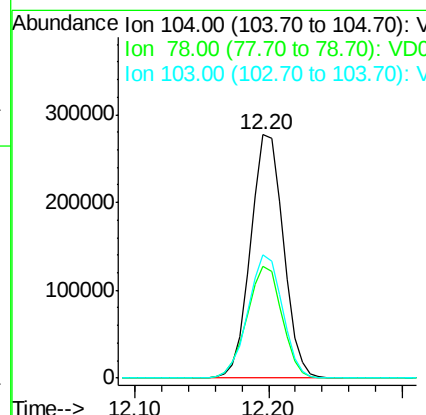
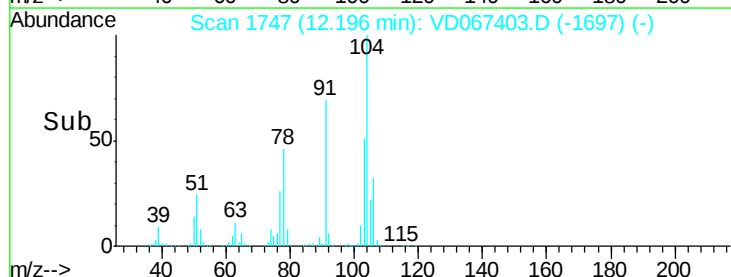
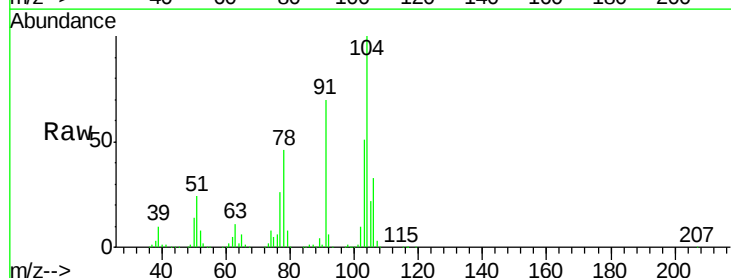
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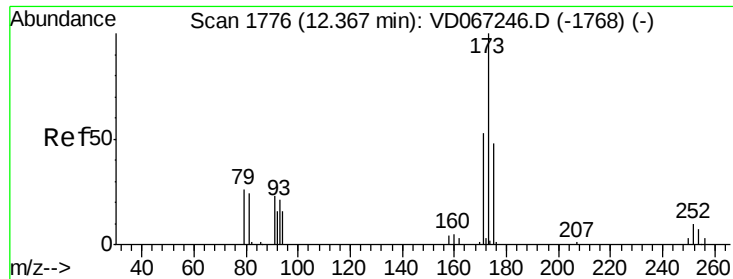
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#70
Styrene
Concen: 54.313 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		469218		
78	49.3	39.8	59.6		
103	53.5	42.6	64.0		





#71

Bromoform

Concen: 53.237 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

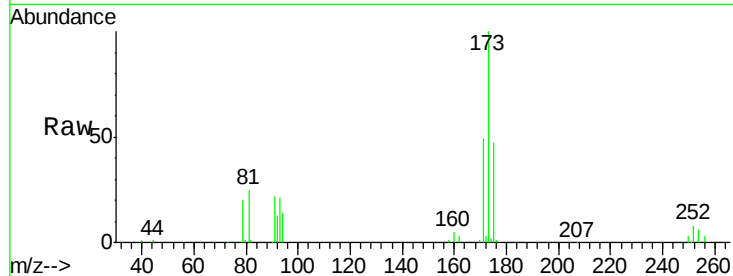
ClientSampleId :

VSTDCCC050

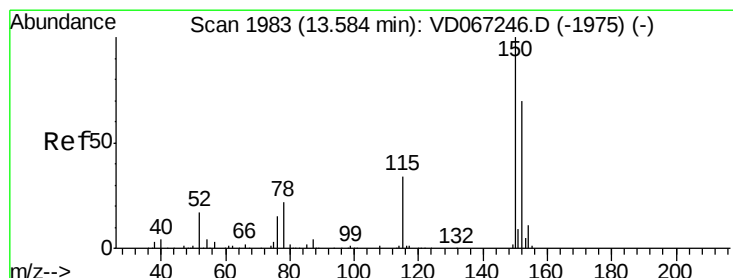
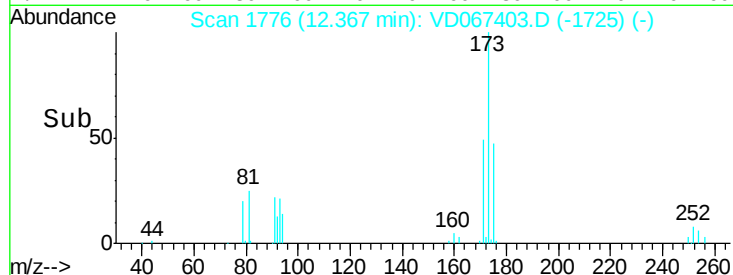
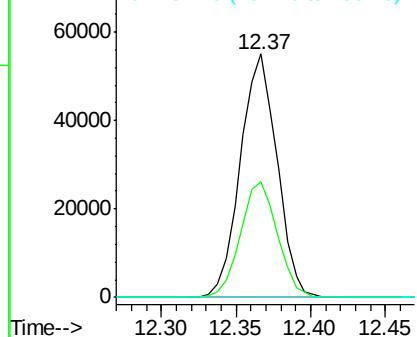
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.2	72.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

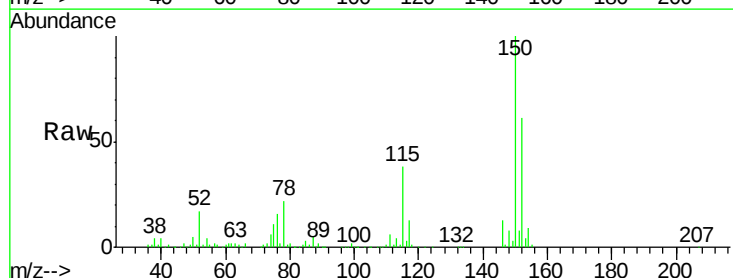
RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

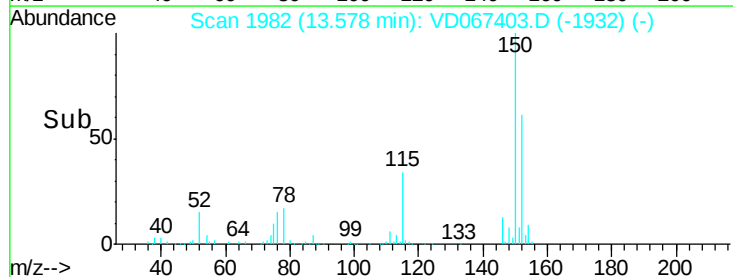
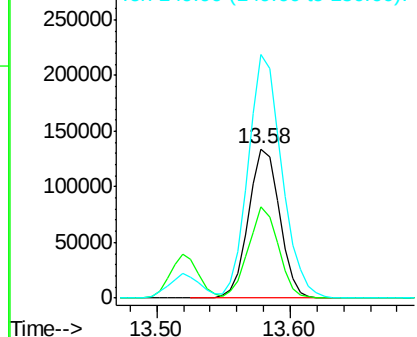
Lab File: VD067403.D

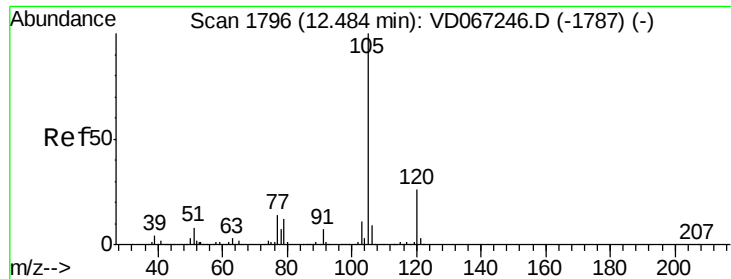
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	87.9
150	176.3	0.0	339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.116 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 765847

Ion Ratio Lower Upper

105 100

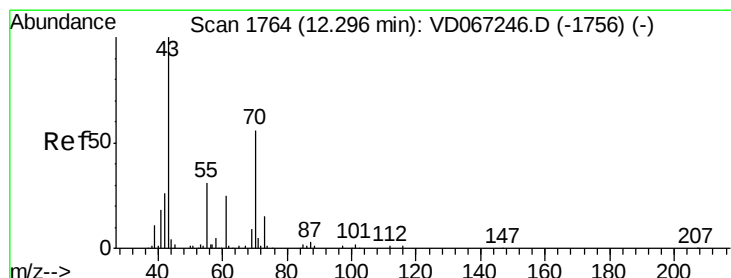
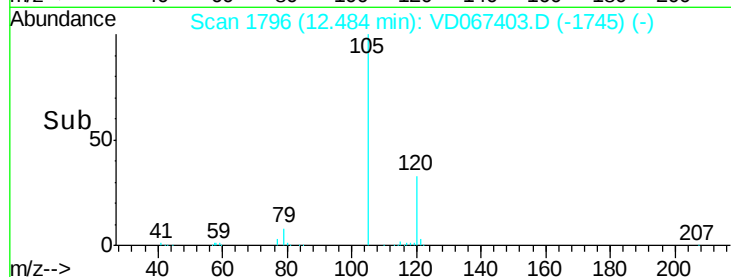
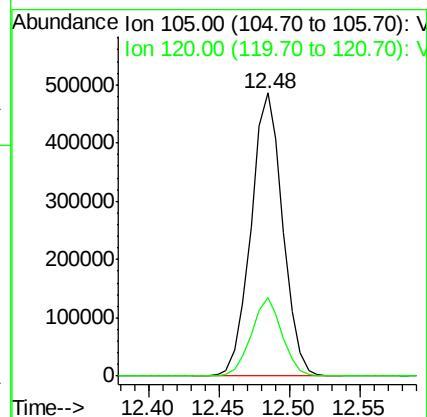
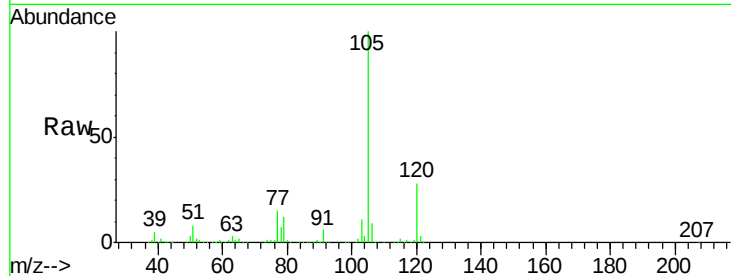
120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 52.457 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion: 43 Resp: 108126

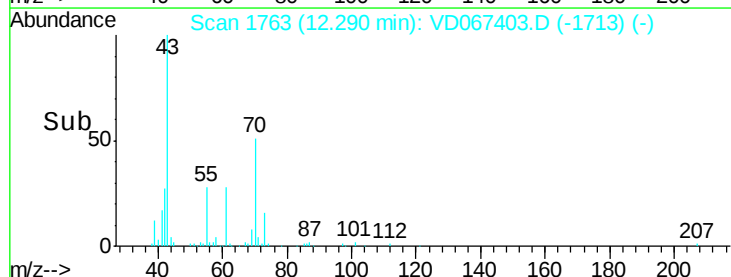
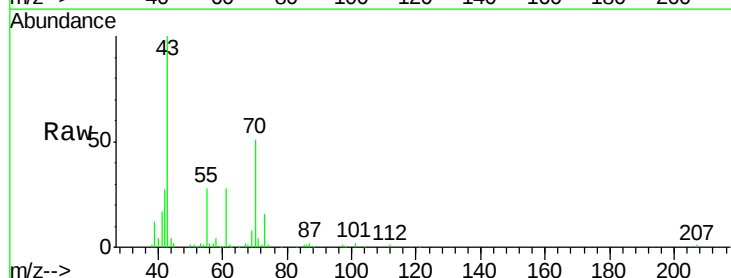
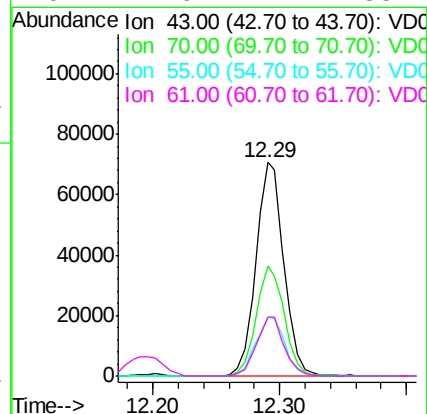
Ion Ratio Lower Upper

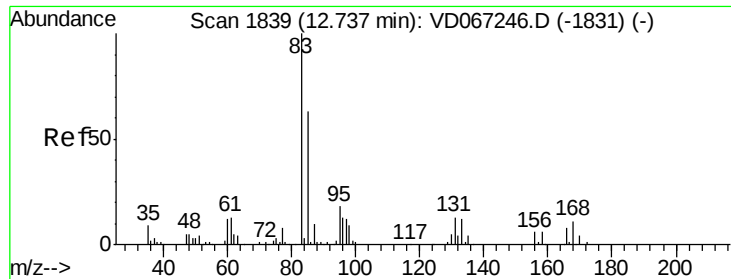
43 100

70 52.0 42.7 64.1

55 28.9 24.0 36.0

61 27.6 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.631 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

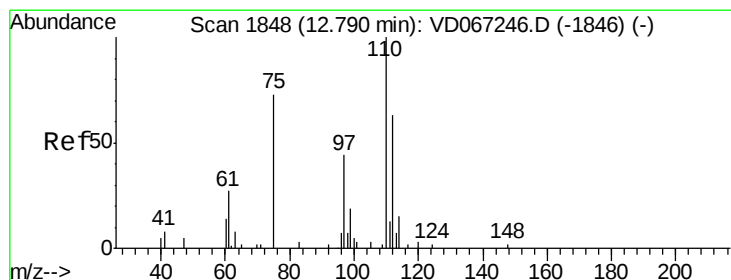
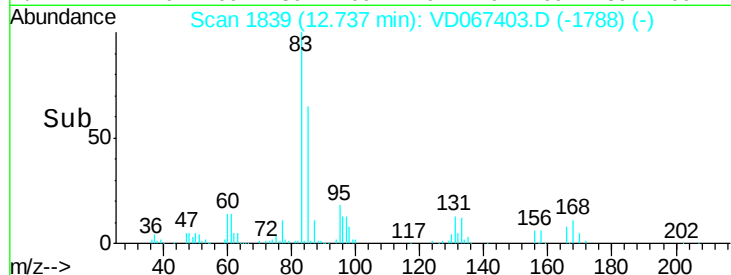
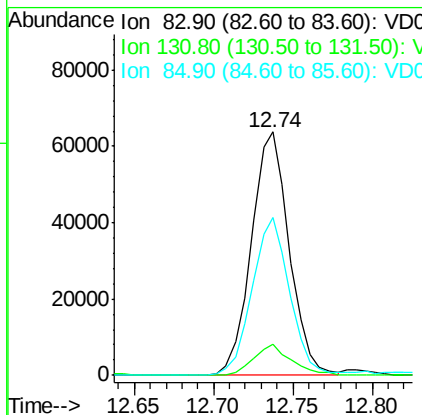
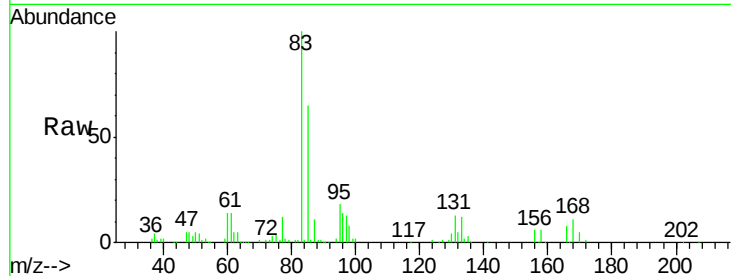
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	105875
Ion Ratio	Lower	Upper	
83	100		
131	12.9	6.5	19.5
85	64.2	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 54.486 ug/l m

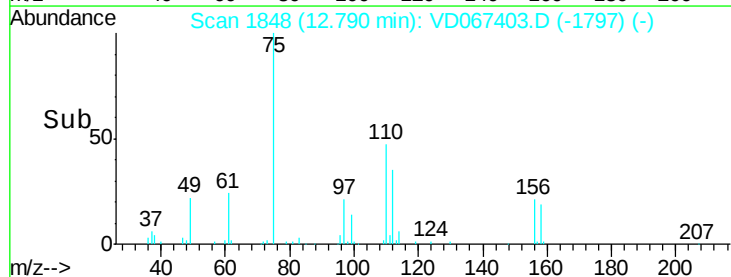
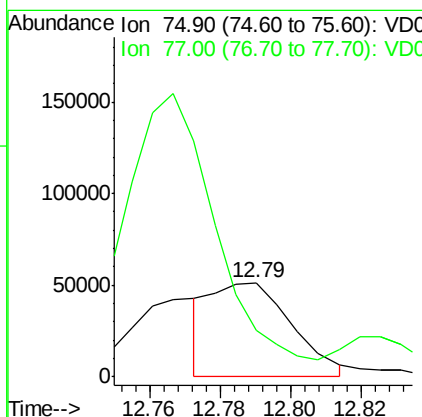
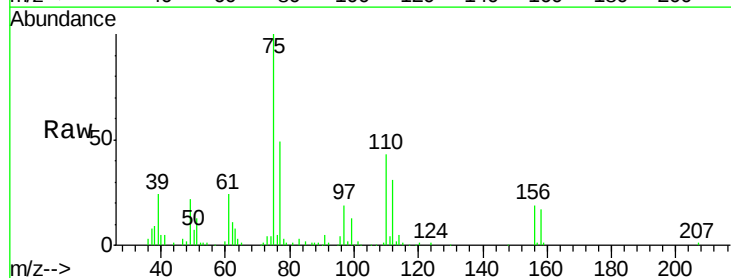
RT: 12.79 min Scan# 1848

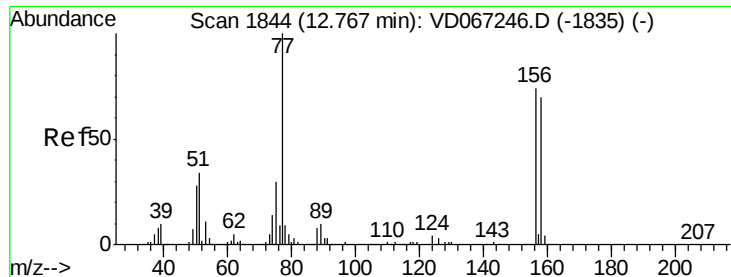
Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Tgt Ion:	75	Resp:	81206
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.382 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

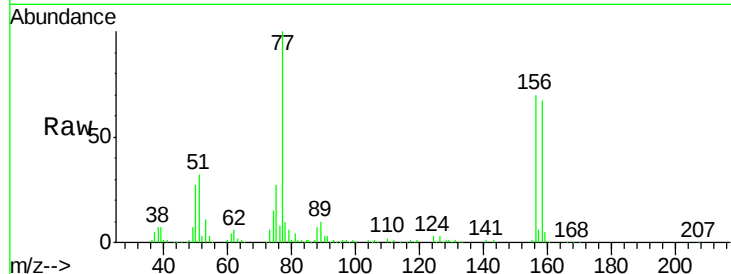
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.9	78.0	233.8
158	96.7	49.1	147.3

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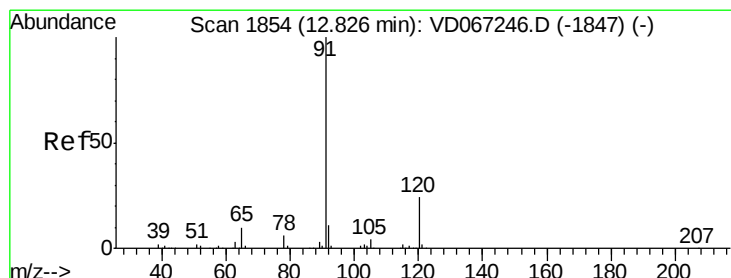
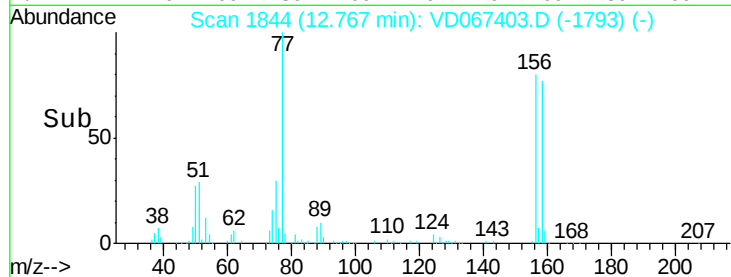
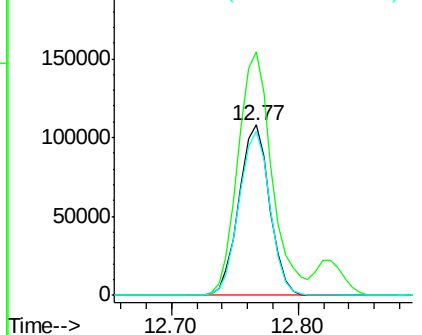


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.989 ug/l

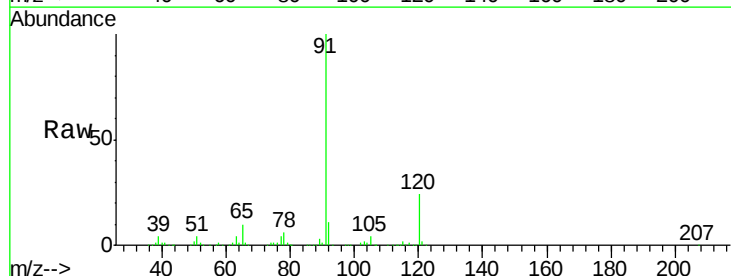
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

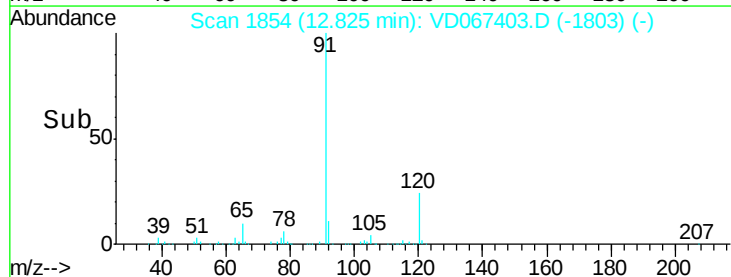
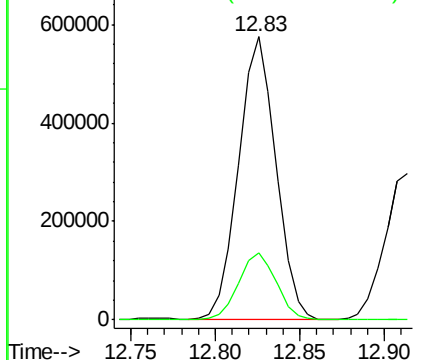
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.9

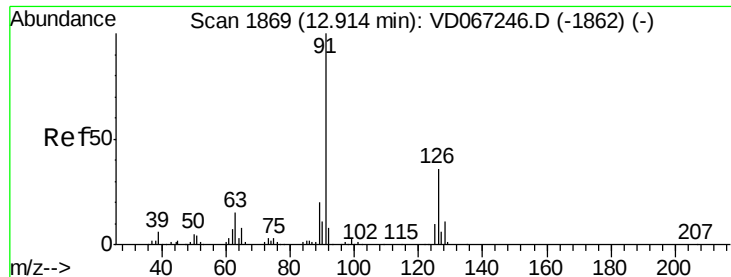


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.282 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067403.D

Acq: 27 Oct 2020 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 497759

Ion Ratio Lower Upper

91 100

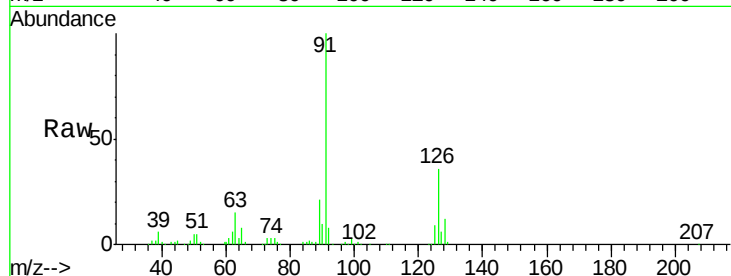
126 36.1 17.6 52.8

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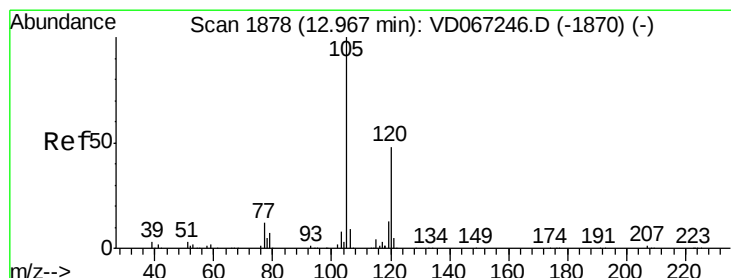
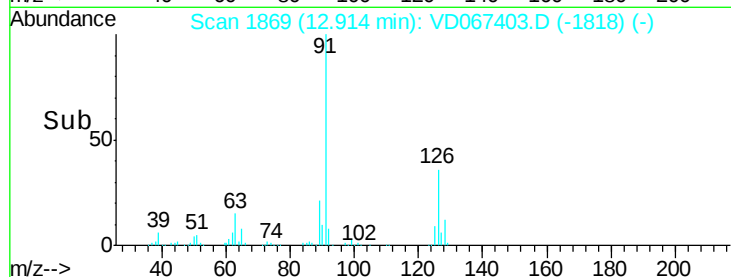
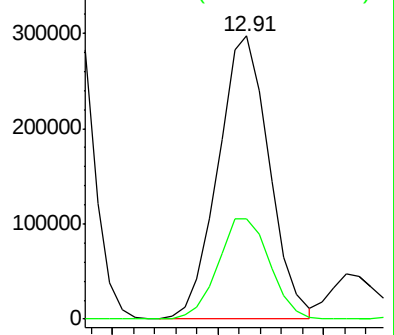
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Abundance Ion 91.00 (90.70 to 91.70): VD067403.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VD067403.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.684 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067403.D

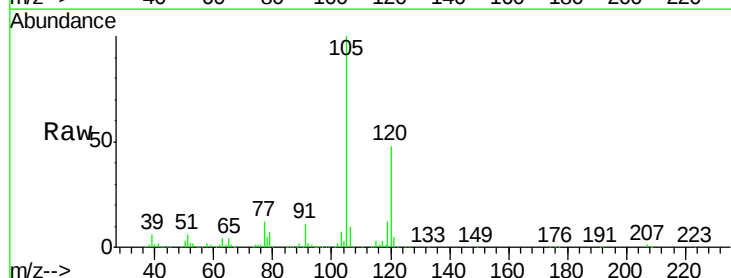
Acq: 27 Oct 2020 11:12

Tgt Ion:105 Resp: 660395

Ion Ratio Lower Upper

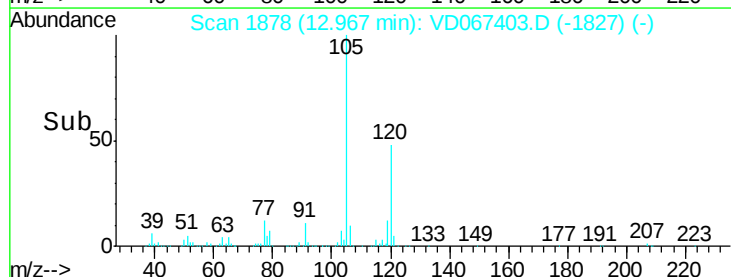
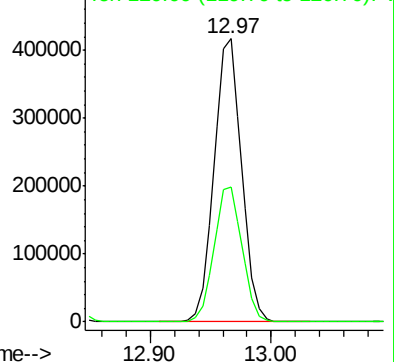
105 100

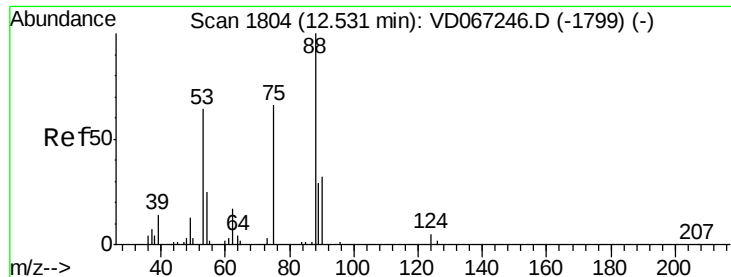
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067403.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD067403.D (-1827) (-)





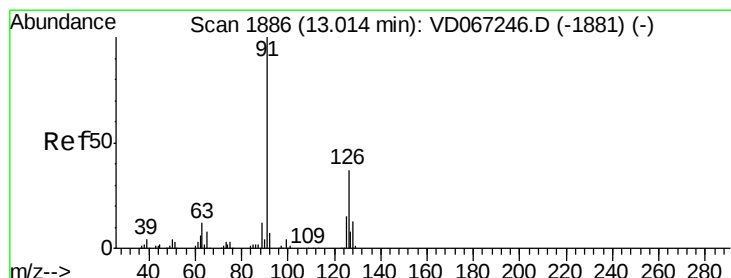
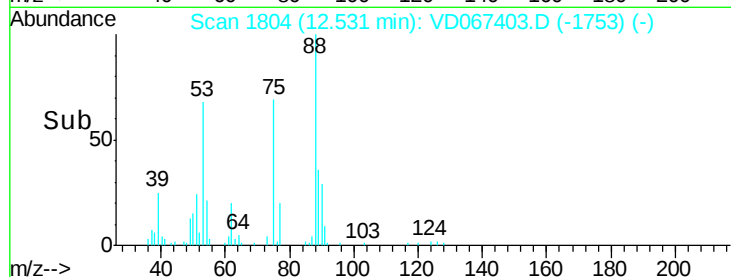
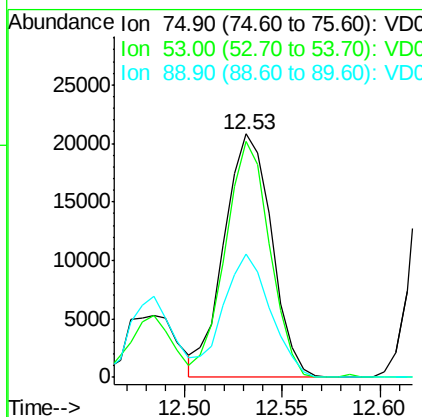
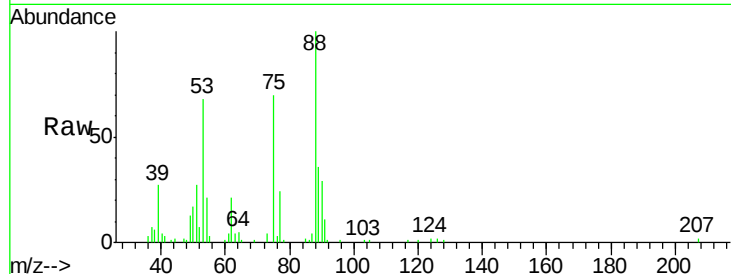
#81
trans-1,4-Dichloro-2-butene
Concen: 53.476 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	78.5	117.7
89	50.9	39.9	59.9

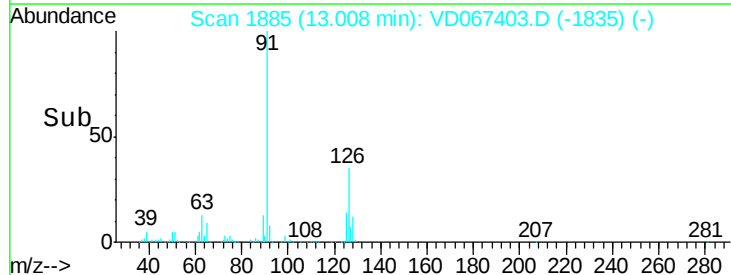
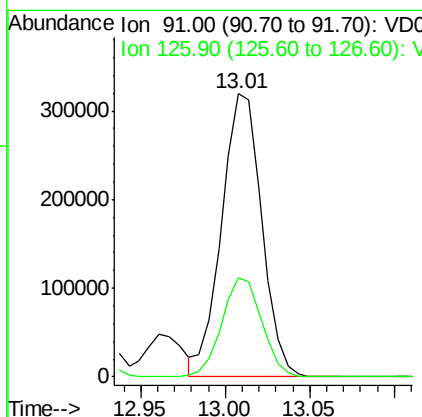
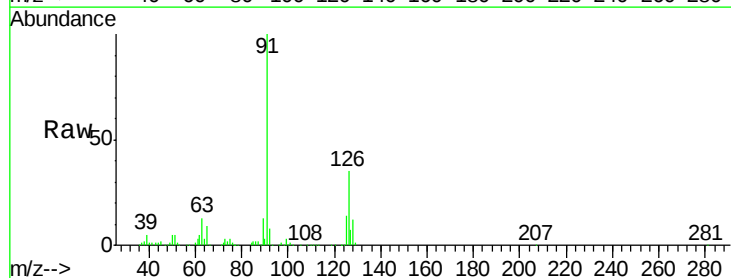
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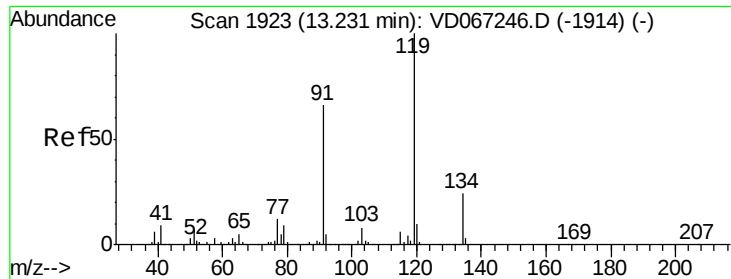
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#82
4-Chlorotoluene
Concen: 54.152 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.8	53.5





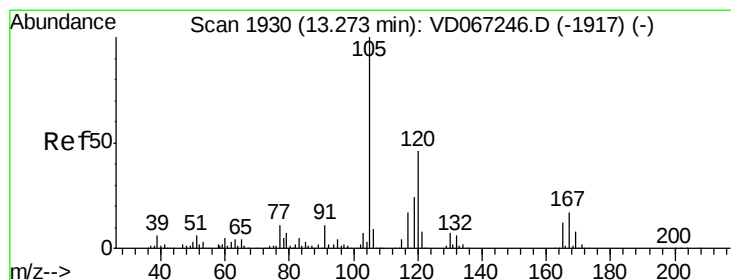
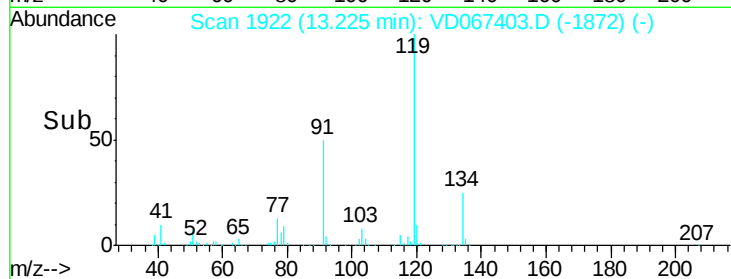
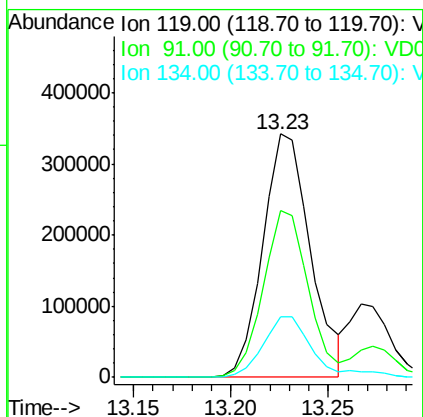
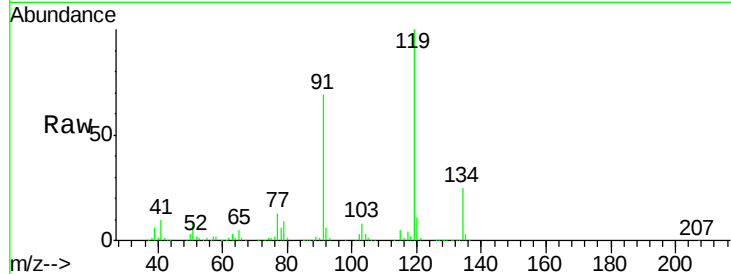
#83
tert-Butylbenzene
Concen: 57.687 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	577907		
91	64.7		33.1	99.2
134	26.3		13.3	39.9

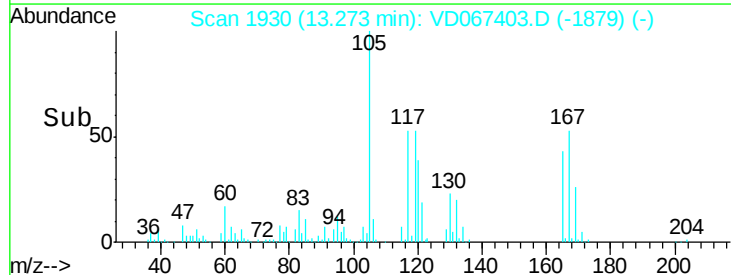
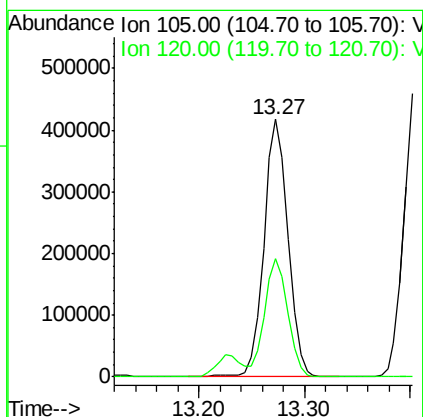
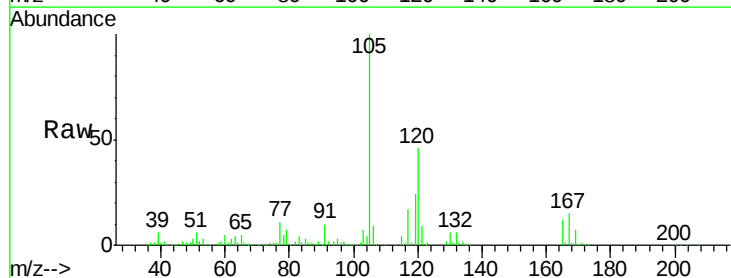
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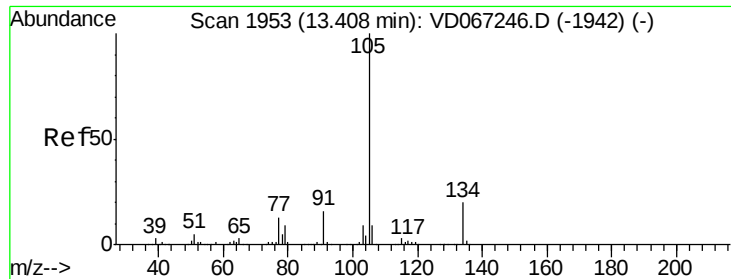
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#84
1,2,4-Trimethylbenzene
Concen: 56.100 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	657583		
120	45.1		22.4	67.3





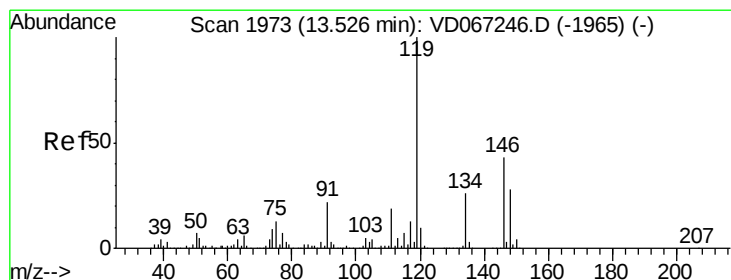
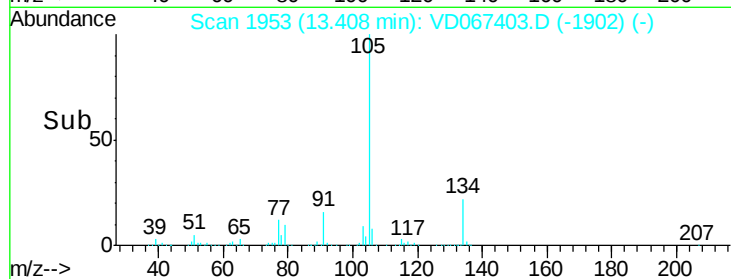
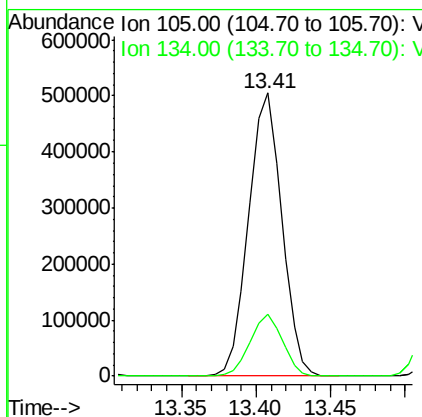
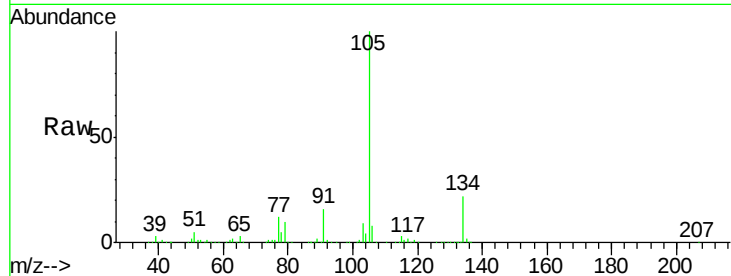
#85
 sec-Butylbenzene
 Concen: 56.661 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.5

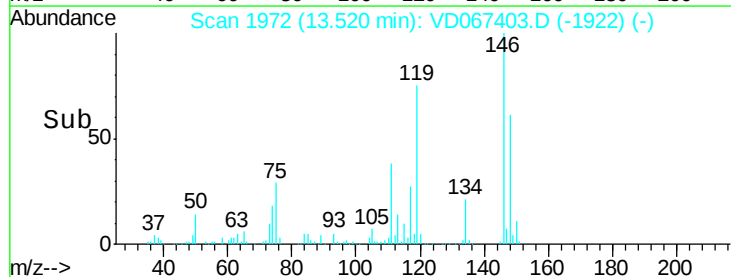
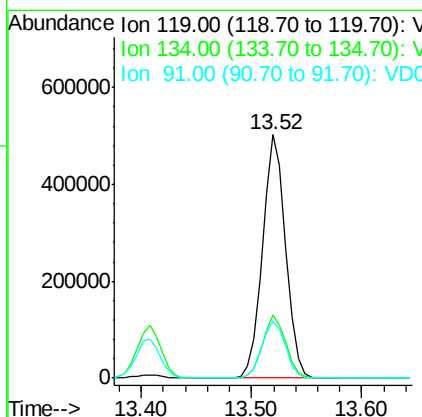
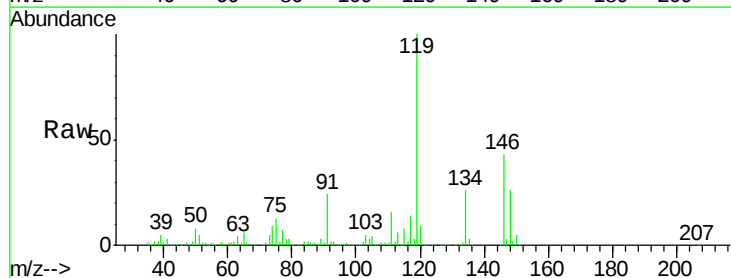
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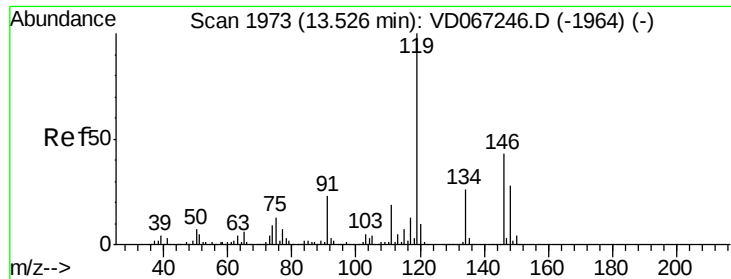
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#86
 p-Isopropyltoluene
 Concen: 56.685 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.7	11.9	35.9





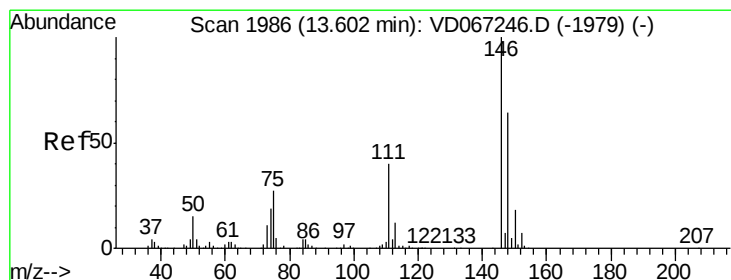
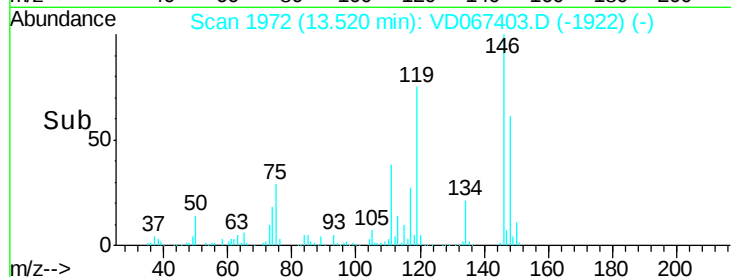
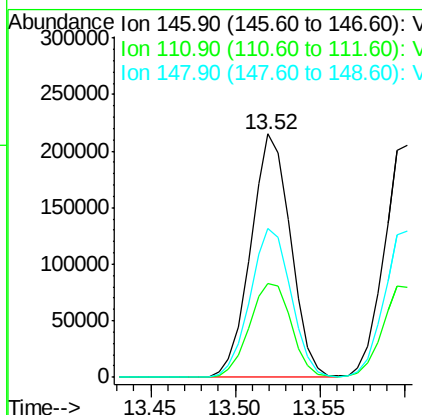
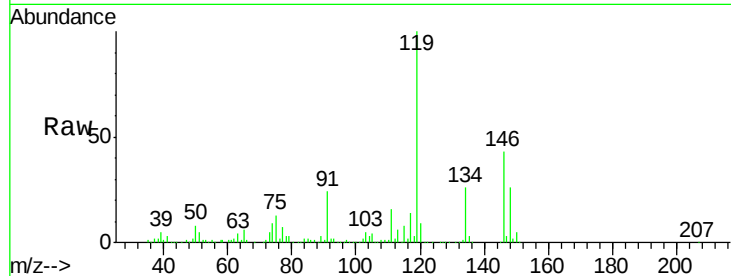
#87
 1,3-Dichlorobenzene
 Concen: 53.812 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	352411		
111	40.4	21.1	63.3	
148	62.9	31.9	95.9	

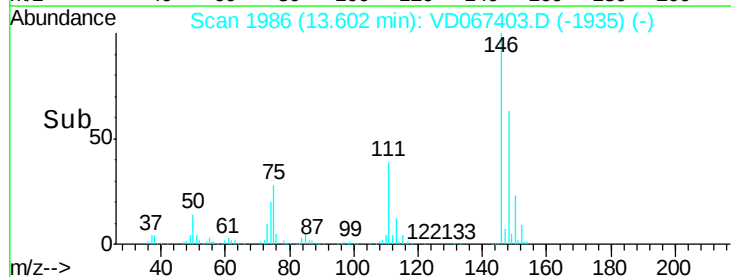
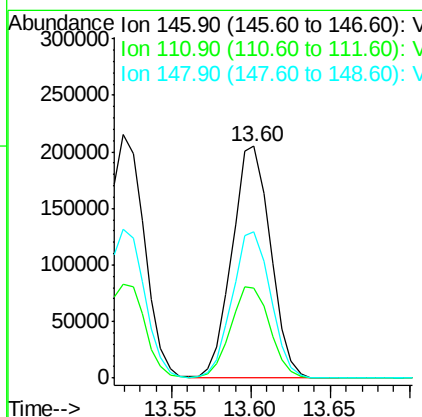
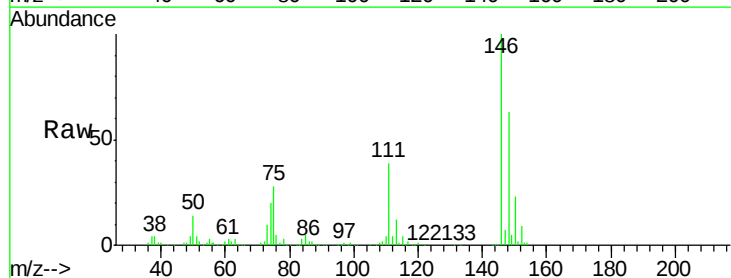
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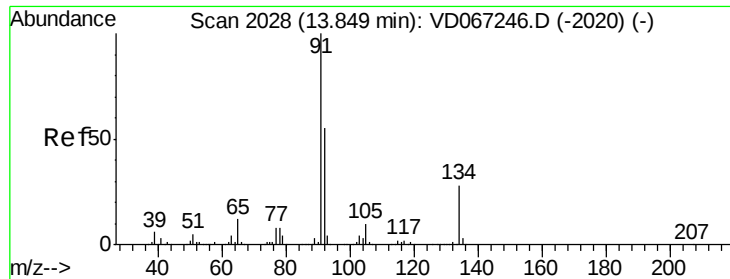
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#88
 1,4-Dichlorobenzene
 Concen: 53.371 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	346291		
111	40.0	19.9	59.7	
148	63.1	31.9	95.9	





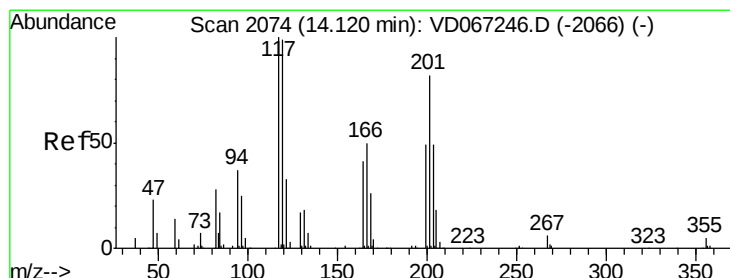
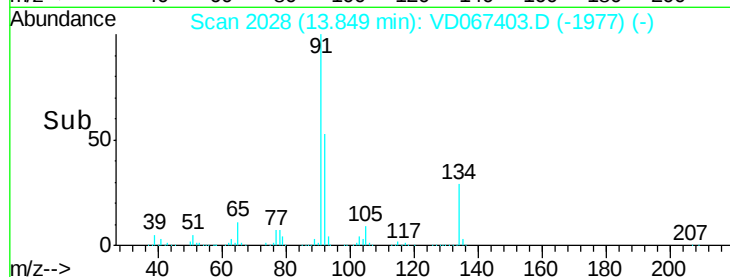
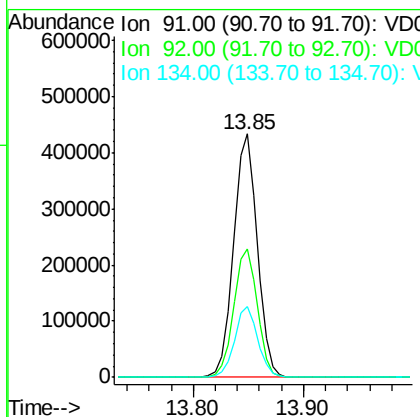
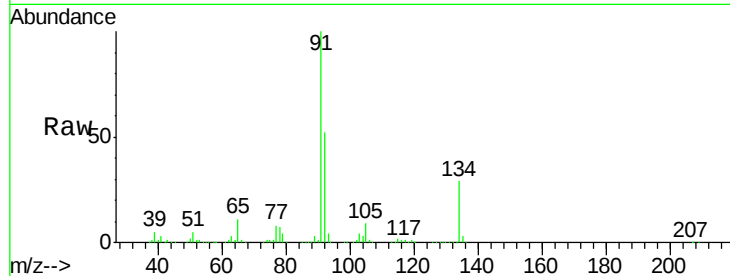
#89
n-Butylbenzene
Concen: 57.057 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.0
134	28.5	14.2	42.6

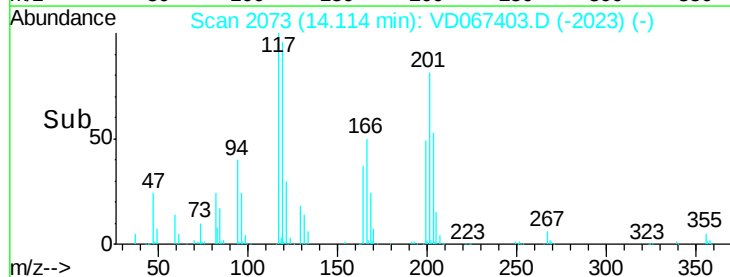
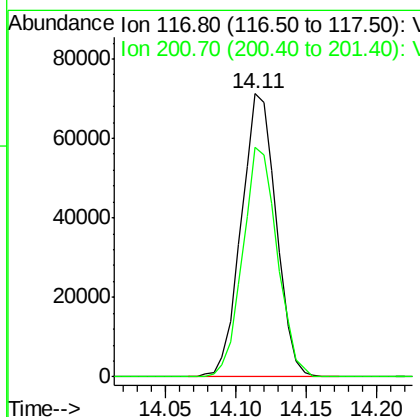
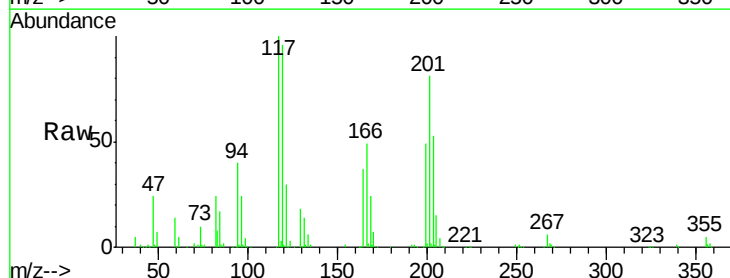
Manual Integrations
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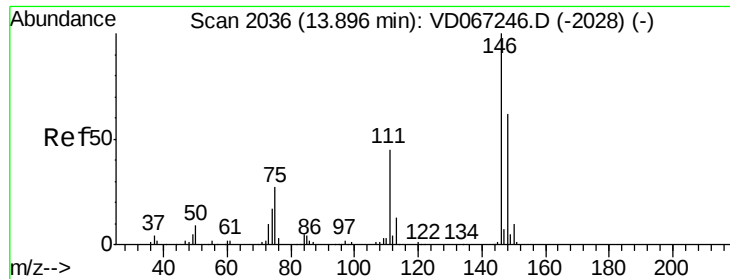
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#90
Hexachloroethane
Concen: 54.387 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	40.8	122.2





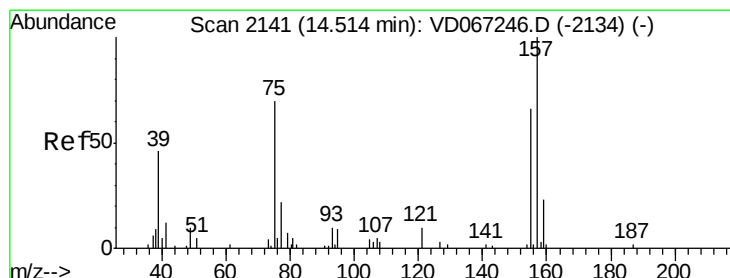
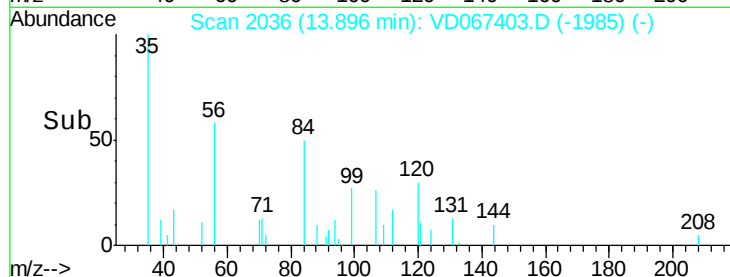
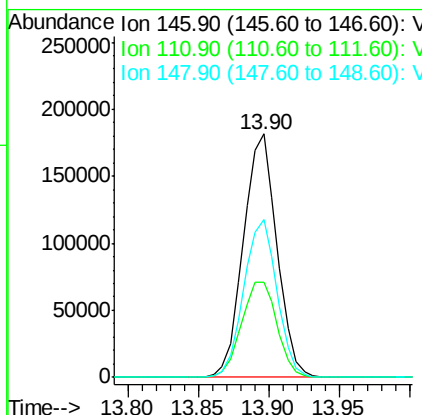
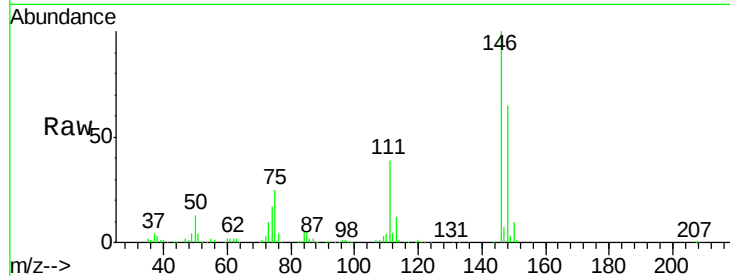
#91
 1,2-Dichlorobenzene
 Concen: 52.774 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.0	66.0
148	64.3	32.5	97.5

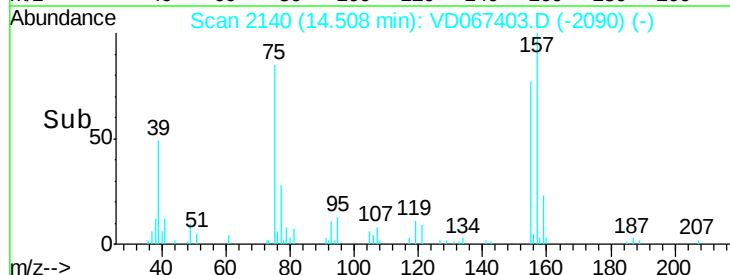
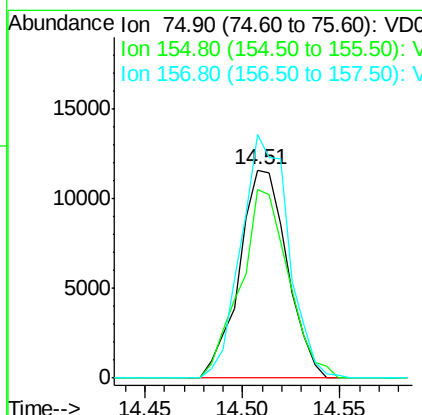
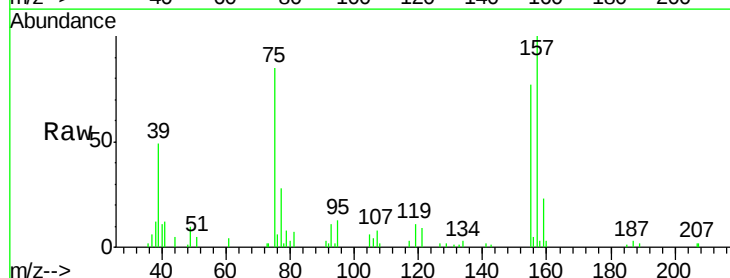
Manual Integrations
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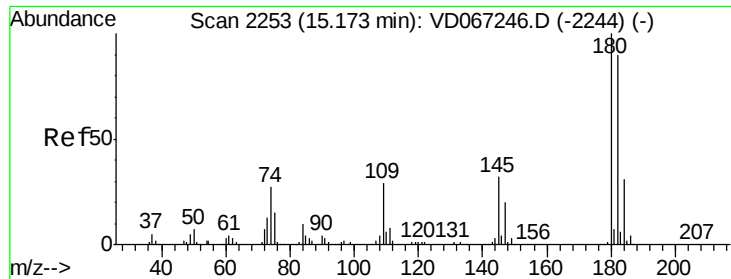
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.601 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	44.8	134.4
157	115.9	62.5	187.4





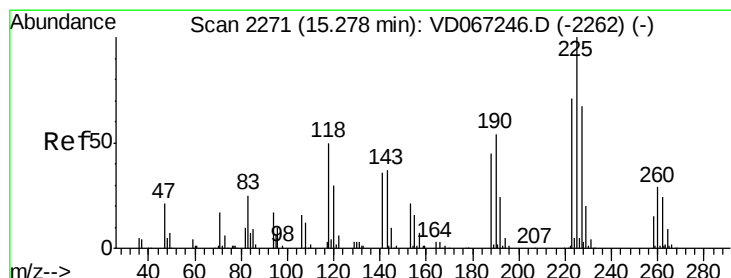
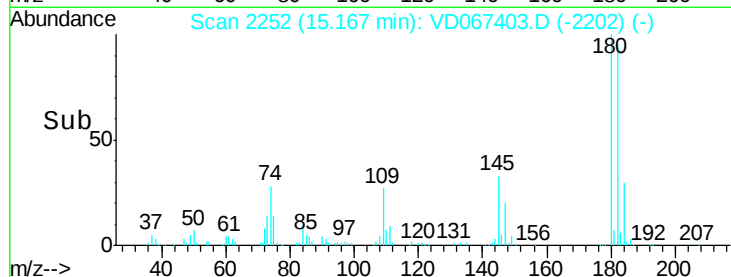
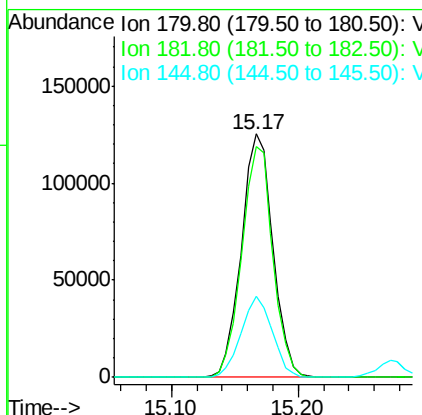
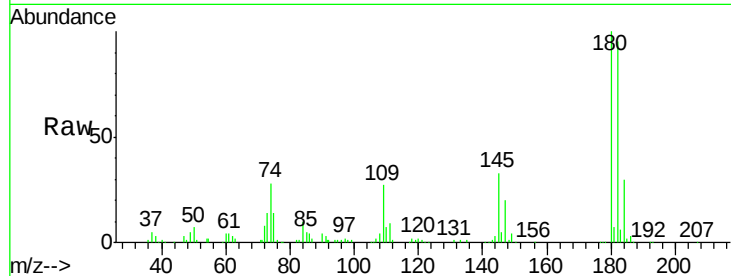
#93
 1,2,4-Trichlorobenzene
 Concen: 55.948 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215807		
182	93.5	48.1	144.4	
145	33.1	16.3	48.9	

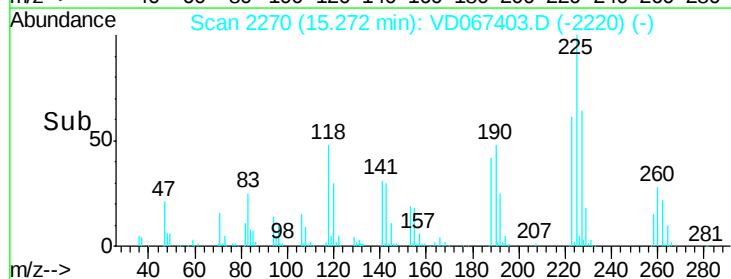
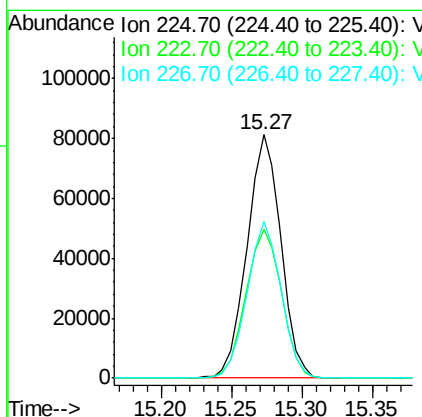
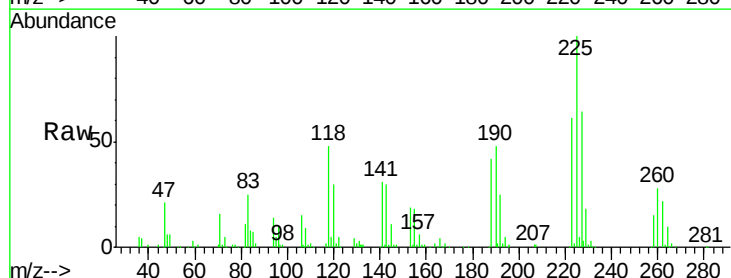
Manual Integrations
 APPROVED

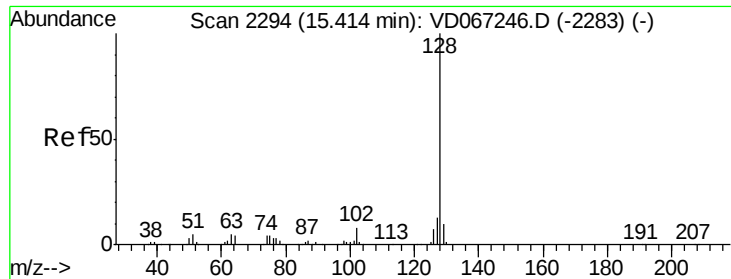
MMDadoda
 10/28/2020 11:45:19 AM



#94
 Hexachlorobutadiene
 Concen: 57.212 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067403.D
 Acq: 27 Oct 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137042		
223	64.3	31.9	95.7	
227	64.4	31.2	93.6	





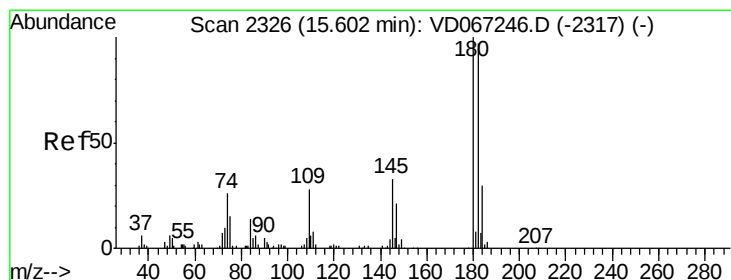
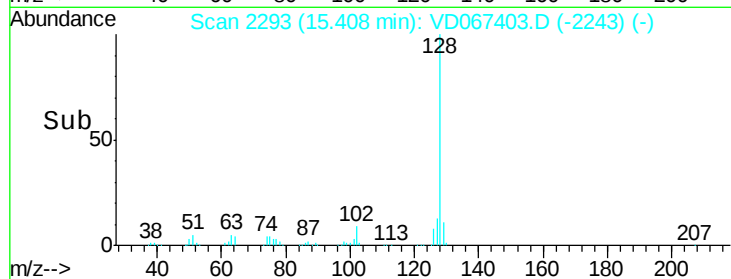
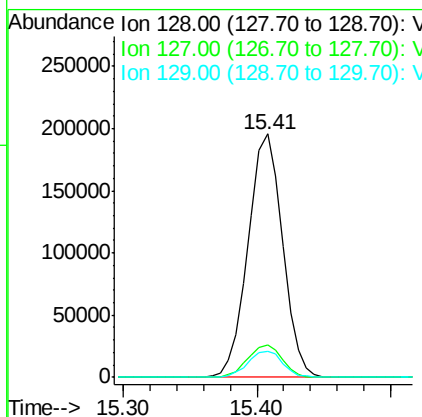
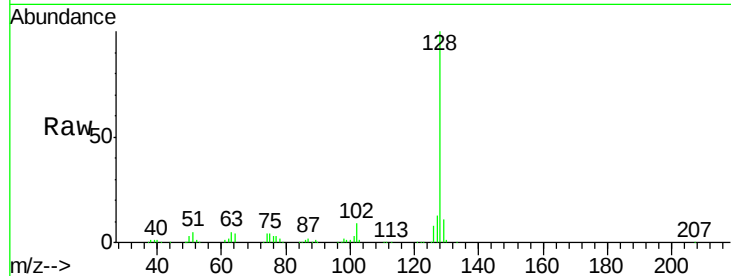
#95
Naphthalene
Concen: 55.106 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	348990
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/28/2020 11:45:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.402 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067403.D
Acq: 27 Oct 2020 11:12

Tgt Ion:	180	Resp:	187954
Ion Ratio	Lower	Upper	
180	100		
182	92.1	48.1	144.3
145	33.6	17.3	51.9

