

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062182.D
 Acq On : 8 May 2019 18:59
 Operator : FY/SY
 Sample : K2717-10MS
 Misc : 5.48/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 11:21:18 AM

Quant Time: May 09 02:13:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	428109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	582924	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	455140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	158193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	245062	61.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.20%	
35) Dibromofluoromethane	6.89	113	301869	62.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.82%	
50) Toluene-d8	10.39	98	617517	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	13.55	95	183415	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	236342	57.722	ug/l	98
3) Chloromethane	1.73	50	163133	55.139	ug/l	98
4) Vinyl Chloride	1.84	62	170824	58.750	ug/l	97
5) Bromomethane	2.13	94	68345	100.315	ug/l	93
6) Chloroethane	2.25	64	85749	70.281	ug/l	97
7) Trichlorofluoromethane	2.51	101	354270	62.671	ug/l	97
8) Diethyl Ether	2.85	74	68112	62.476	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.12	101	207707	48.573	ug/l	93
10) Methyl Iodide	3.28	142	300679	46.524	ug/l	89
11) Tert butyl alcohol	4.02	59	60442	297.628	ug/l	98
12) 1,1-Dichloroethene	3.10	96	183237	56.134	ug/l	87
13) Acrolein	3.01	56	13094	62.339	ug/l	100
14) Allyl chloride	3.60	41	276315	58.218	ug/l	88
15) Acrylonitrile	4.16	53	154539	289.516	ug/l	89
16) Acetone	3.19	43	191059	228.998	ug/l #	90
17) Carbon Disulfide	3.35	76	484144	51.558	ug/l	98
18) Methyl Acetate	3.61	43	381649	257.022	ug/l	95
19) Methyl tert-butyl Ether	4.21	73	438166	62.624	ug/l	99
20) Methylene Chloride	3.78	84	278124	79.837	ug/l	98
21) trans-1,2-Dichloroethene	4.19	96	207054	57.002	ug/l	92
22) Diisopropyl ether	5.08	45	648905	64.249	ug/l #	88
23) Vinyl Acetate	5.08	43	295090	55.377	ug/l #	77
24) 1,1-Dichloroethane	4.94	63	364017	59.745	ug/l	99
25) 2-Butanone	6.03	43	251268	276.103	ug/l	95
26) 2,2-Dichloropropane	5.99	77	352421	58.067	ug/l	95
27) cis-1,2-Dichloroethene	6.01	96	234369	57.644	ug/l	97
28) Bromochloromethane	6.40	49	157888	65.865	ug/l	83
29) Tetrahydrofuran	6.42	42	125221	298.633	ug/l	95
30) Chloroform	6.64	83	474292	64.591	ug/l	99
31) Cyclohexane	6.92	56	180283	43.189	ug/l	97
32) 1,1,1-Trichloroethane	6.83	97	434750	62.640	ug/l	99
36) 1,1-Dichloropropene	7.12	75	264827	55.410	ug/l	96
37) Ethyl Acetate	6.15	43	45540	22.468	ug/l #	92
38) Carbon Tetrachloride	7.08	117	410406m	62.040	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	133250	29.099	ug/l	97
40) Benzene	7.42	78	603444	55.913	ug/l	97
41) Methacrylonitrile	6.41	41	155475	62.769	ug/l #	89
42) 1,2-Dichloroethane	7.54	62	329546	72.070	ug/l	95
43) Isopropyl Acetate	9.22	43	46710	16.249	ug/l	95
44) Trichloroethene	8.52	130	219677	53.416	ug/l	88
45) 1,2-Dichloropropane	8.91	63	156435	58.600	ug/l	95
46) Dibromomethane	9.04	93	136097	62.693	ug/l #	84
47) Bromodichloromethane	9.35	83	353653	66.602	ug/l	98
48) Methyl methacrylate	9.10	41	130119	73.488	ug/l	88
49) 1,4-Dioxane	9.06	88	21959	1149.434	ug/l	94
51) 4-Methyl-2-Pentanone	10.28	43	523240	283.168	ug/l	97
52) Toluene	10.49	92	395962	56.388	ug/l	100
53) t-1,3-Dichloropropene	10.89	75	270782	59.003	ug/l	96
54) cis-1,3-Dichloropropene	10.01	75	295643	59.051	ug/l	91
55) 1,1,2-Trichloroethane	11.17	97	150456	60.556	ug/l	97
56) Ethyl methacrylate	11.02	69	53885	20.871	ug/l #	89
57) 1,3-Dichloropropane	11.39	76	229743	61.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.84	63	446905	316.890	ug/l	99
59) 2-Hexanone	11.51	43	348126	255.617	ug/l	90
60) Dibromochloromethane	11.67	129	258908	60.298	ug/l	99
61) 1,2-Dibromoethane	11.78	107	179184	59.320	ug/l	99
64) Tetrachloroethene	11.23	164	158689	44.588	ug/l	95
65) Chlorobenzene	12.38	112	415573	49.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.49	131	226585	61.416	ug/l	97
67) Ethyl Benzene	12.51	91	721071	50.808	ug/l	96
68) m/p-Xylenes	12.65	106	498317	96.510	ug/l	80
69) o-Xylene	13.03	106	242647	50.548	ug/l	86
70) Styrene	13.05	104	410137	50.436	ug/l	94
71) Bromoform	13.22	173	148879	58.001	ug/l #	98
73) Isopropylbenzene	13.39	105	615030	64.859	ug/l	95
74) N-amyl acetate	13.25	43	27519	11.069	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	13.68	83	157112	87.519	ug/l	100
76) 1,2,3-Trichloropropane	13.72	75	159316	84.743	ug/l	99
77) Bromobenzene	13.65	156	188020	70.830	ug/l	90
78) n-propylbenzene	13.76	91	578895	51.177	ug/l	95
79) 2-Chlorotoluene	13.83	91	378971	58.498	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	474645	59.441	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.46	75	44103	83.098	ug/l #	70
82) 4-Chlorotoluene	13.94	91	444740	58.338	ug/l	92
83) tert-Butylbenzene	14.18	119	530192	59.073	ug/l	91
84) 1,2,4-Trimethylbenzene	14.22	105	473146	59.047	ug/l	90
85) sec-Butylbenzene	14.35	105	457363	46.478	ug/l	94
86) p-Isopropyltoluene	14.48	119	399487	45.438	ug/l	93
87) 1,3-Dichlorobenzene	14.44	146	234913	48.444	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	234845	49.289	ug/l	94
89) n-Butylbenzene	14.79	91	263899	33.441	ug/l	94
90) Hexachloroethane	14.99	117	106747	44.647	ug/l	97
91) 1,2-Dichlorobenzene	14.80	146	224449	56.202	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	26740	90.742	ug/l	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	85013	29.246	ug/l	97
94) Hexachlorobutadiene	16.03	225	34600	16.004	ug/l	97
95) Naphthalene	16.11	128	171805	42.335	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	58414	31.962	ug/l	92

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

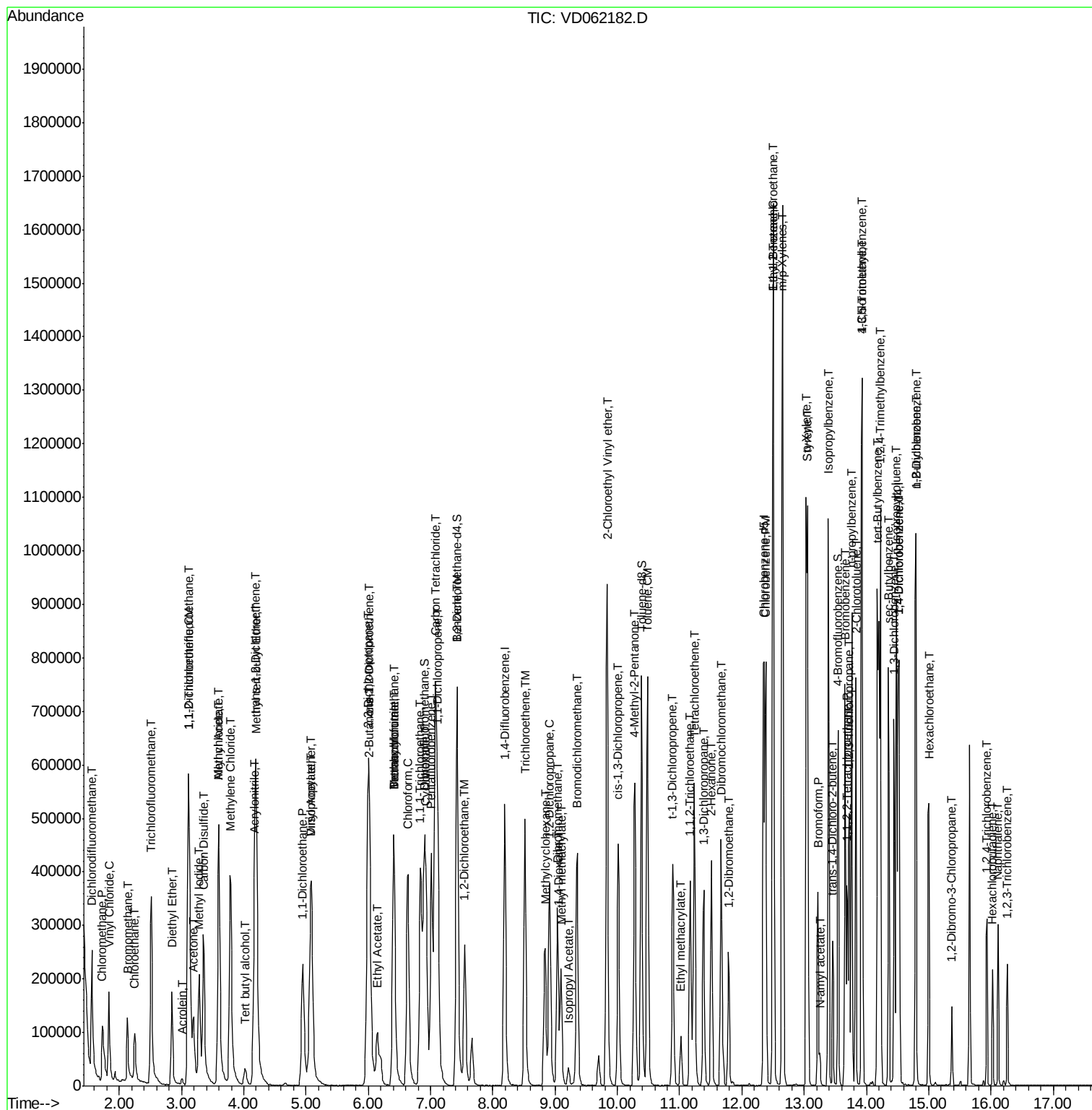
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050819\
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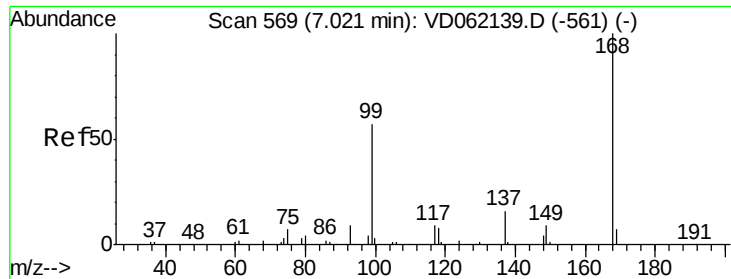
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062182.D

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Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:168 Resp: 428109

Ion Ratio Lower Upper

168 100

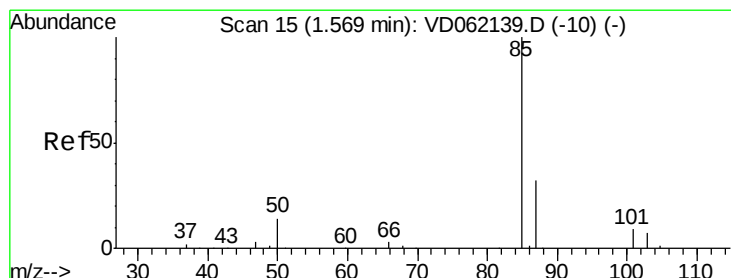
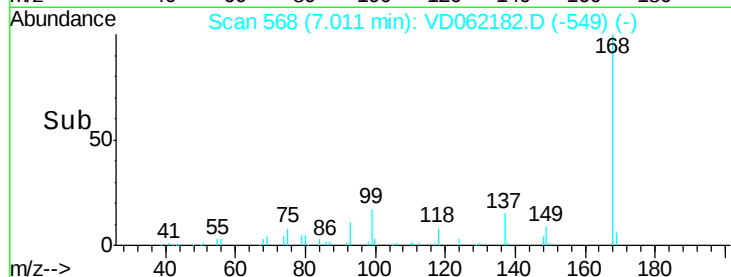
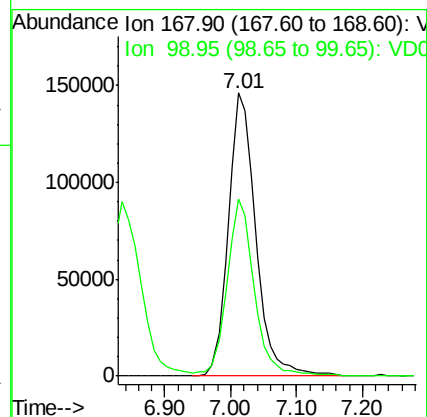
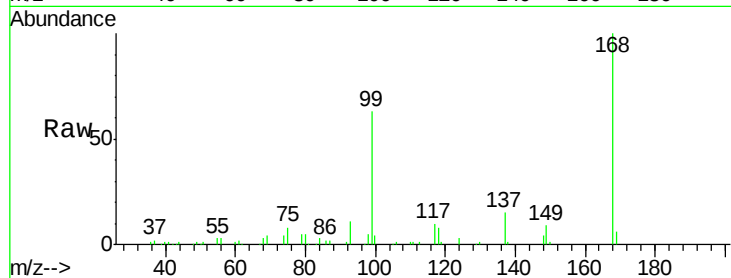
99 62.7 46.5 69.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 57.722 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062182.D

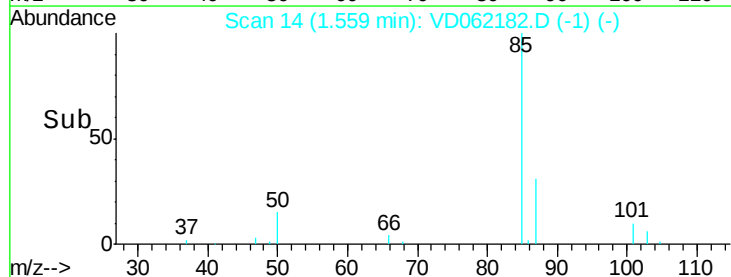
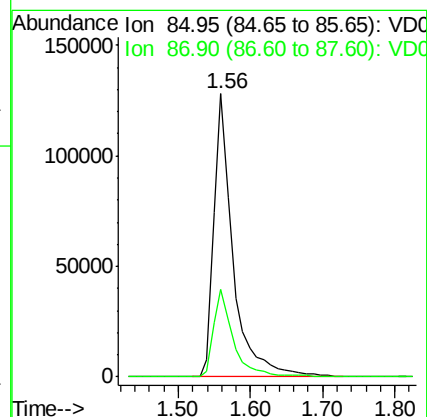
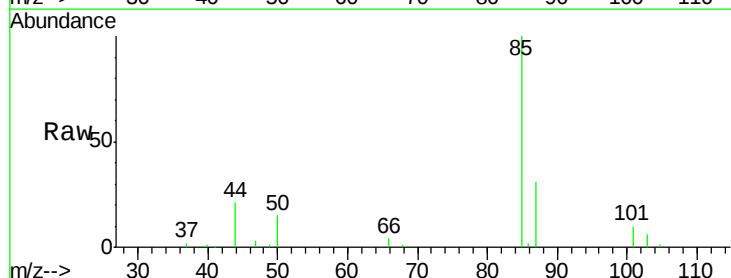
Acq: 8 May 2019 18:59

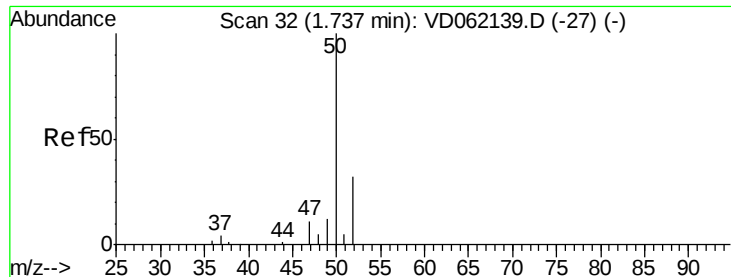
Tgt Ion: 85 Resp: 236342

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.6





#3

Chloromethane

Concen: 55.139 ug/l

RT: 1.73 min Scan# 31

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 50 Resp: 163133

Ion Ratio Lower Upper

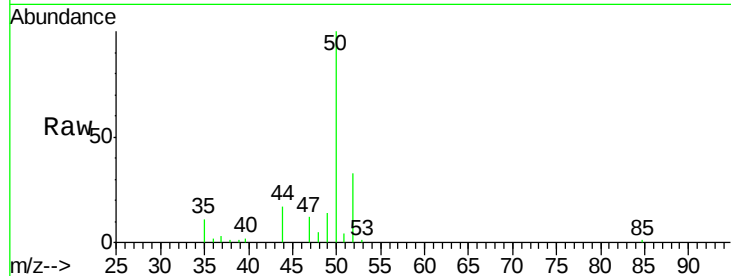
50 100

52 32.6 25.2 37.8

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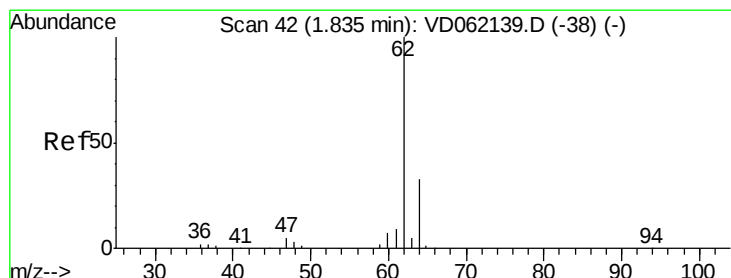
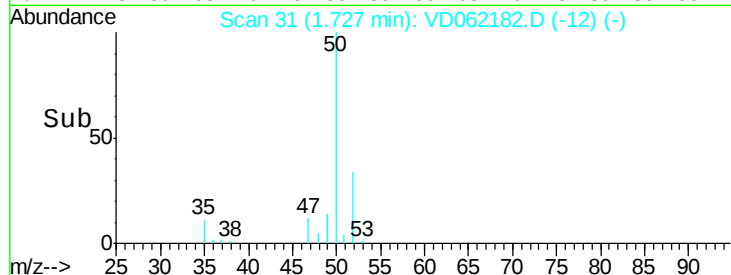
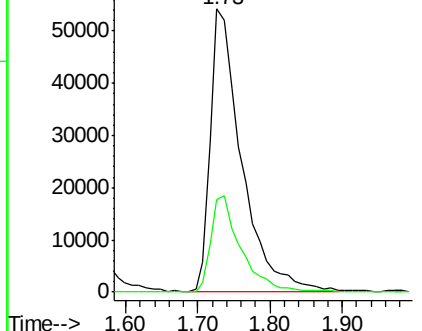
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 58.750 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD062182.D

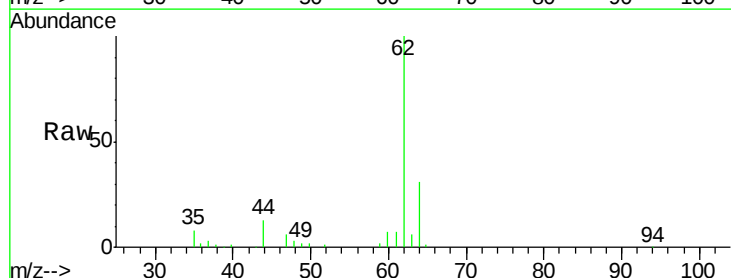
Acq: 8 May 2019 18:59

Tgt Ion: 62 Resp: 170824

Ion Ratio Lower Upper

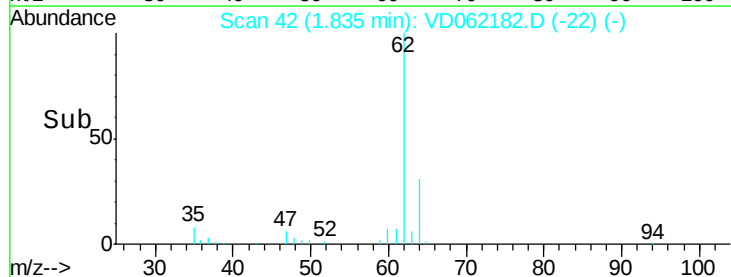
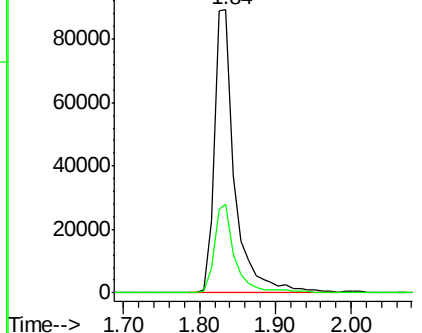
62 100

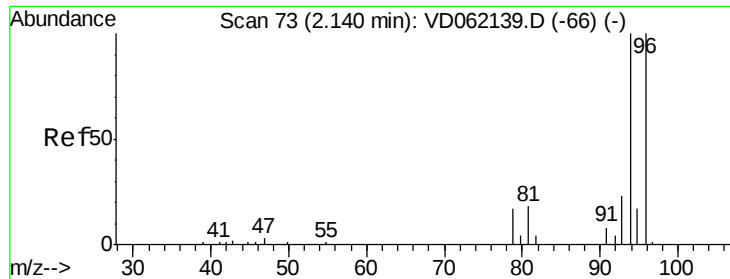
64 31.5 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 100.315 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

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MSVOA_D

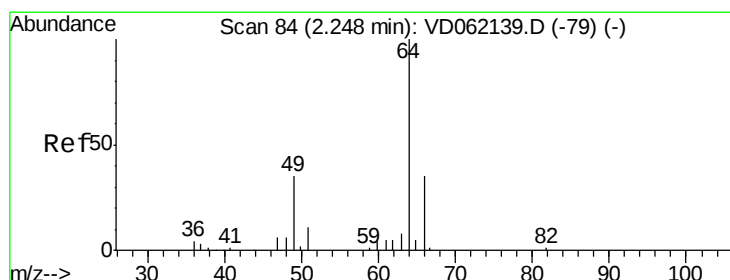
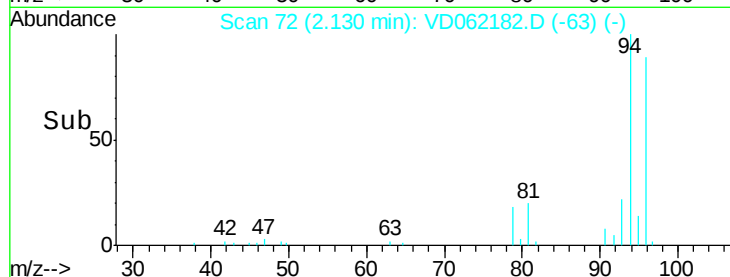
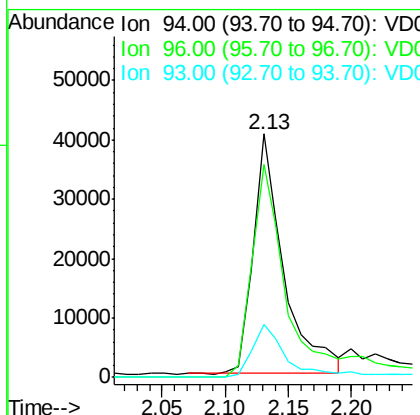
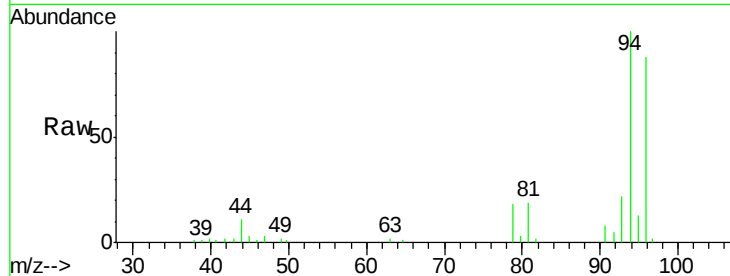
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Tot Ion:	94	Resp:	68345
Ion Ratio	Lower	Upper	
94	100		
96	87.6	76.6	115.0
93	21.9	18.5	27.7

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#6

Chloroethane

Concen: 70.281 ug/l

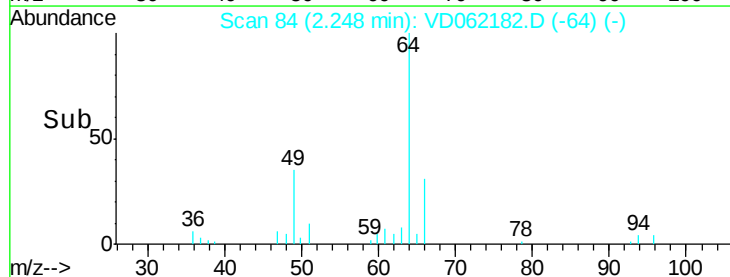
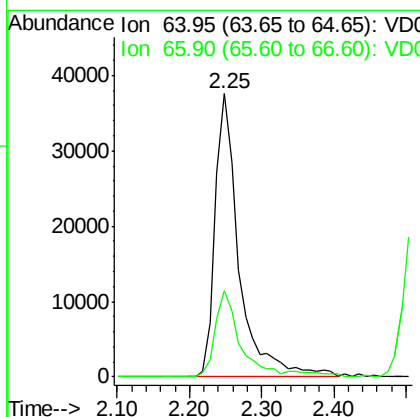
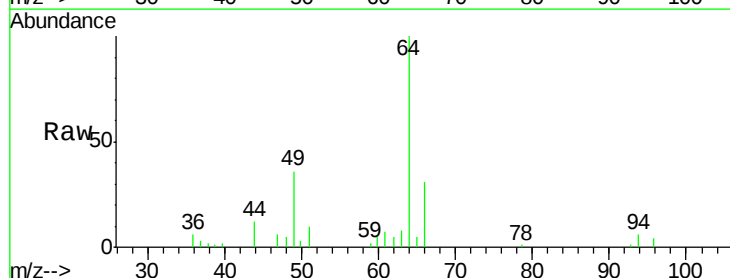
RT: 2.25 min Scan# 84

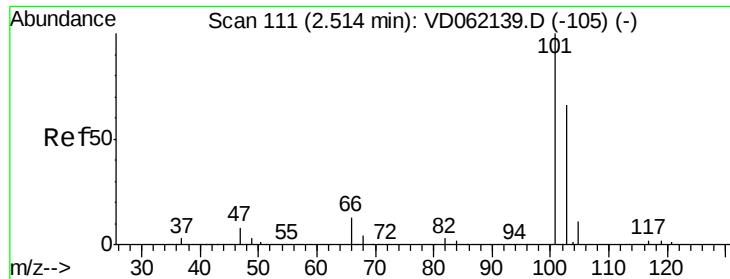
Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	64	Resp:	85749
Ion Ratio	Lower	Upper	
64	100		
66	30.5	25.6	38.4





#7

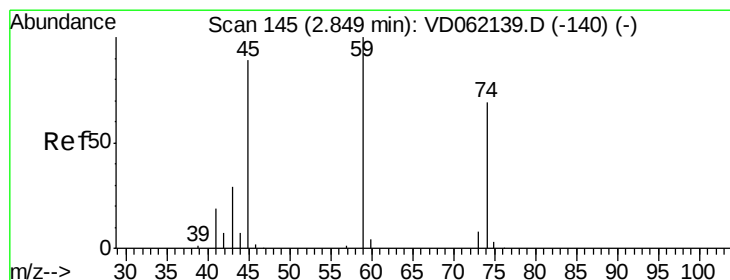
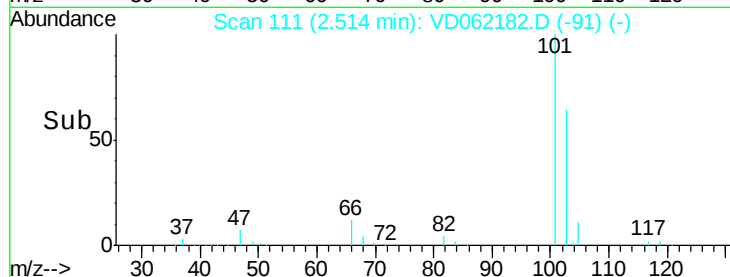
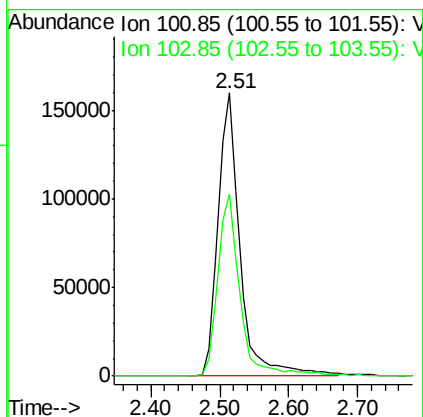
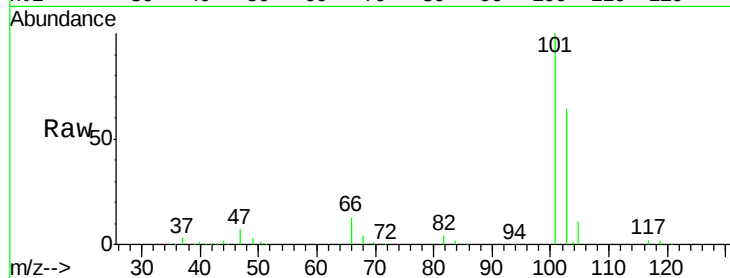
Trichlorofluoromethane
Concen: 62.671 ug/l
RT: 2.51 min Scan# 111
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.6	80.4

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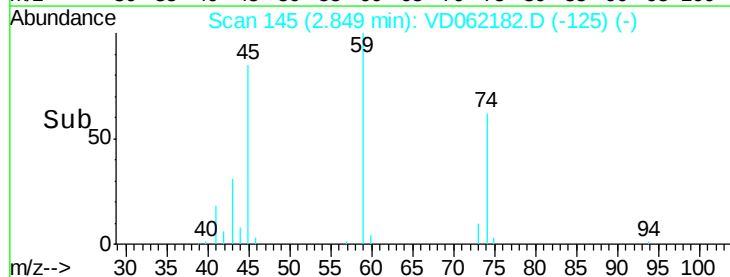
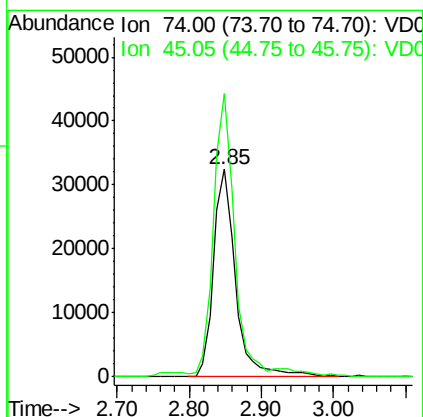
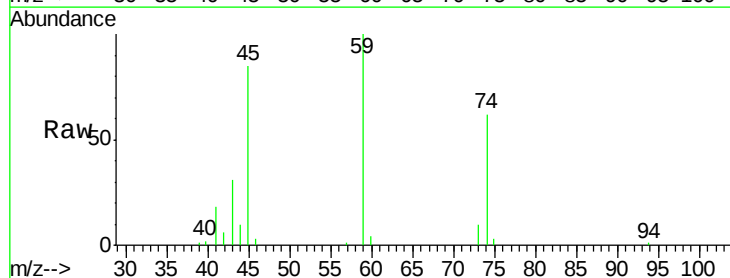
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#8

Diethyl Ether
Concen: 62.476 ug/l
RT: 2.85 min Scan# 145
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	136.6	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.573 ug/l

RT: 3.12 min Scan# 173

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

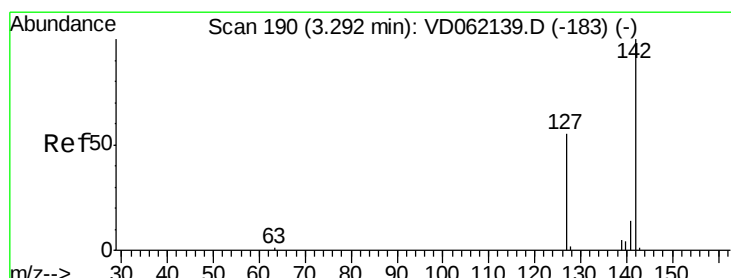
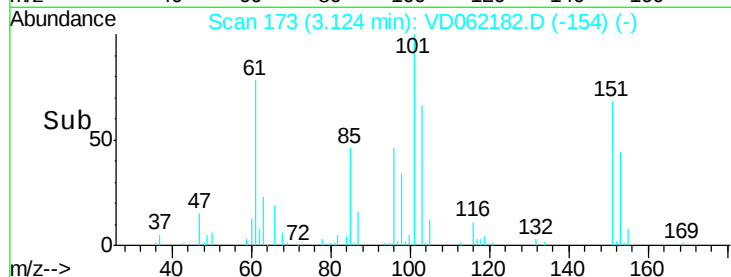
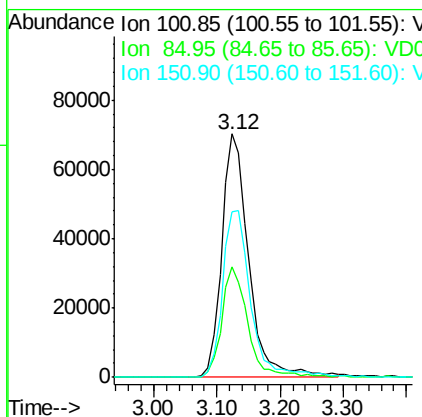
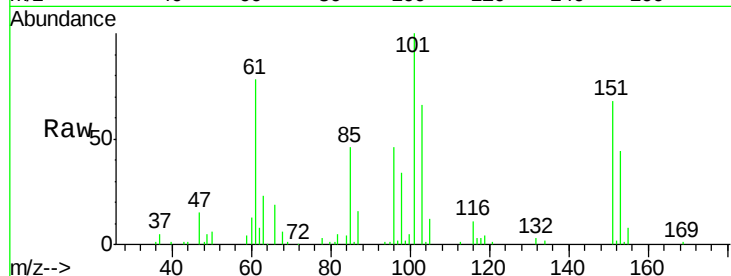
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	101	Resp:	207707
Ion Ratio	Lower	Upper	
101	100		
85	45.6	32.4	48.6
151	68.2	59.4	89.0

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#10

Methyl Iodide

Concen: 46.524 ug/l

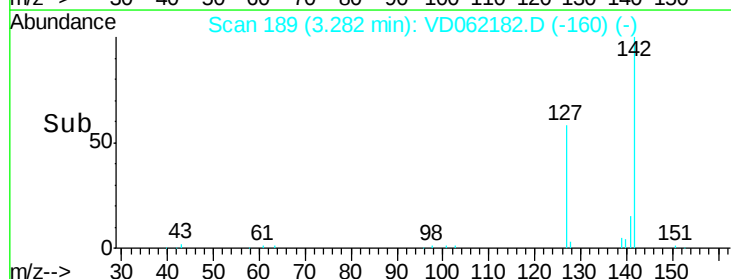
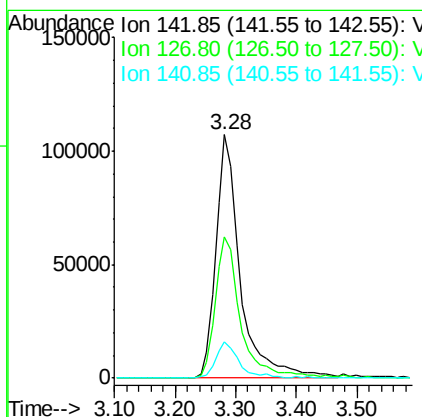
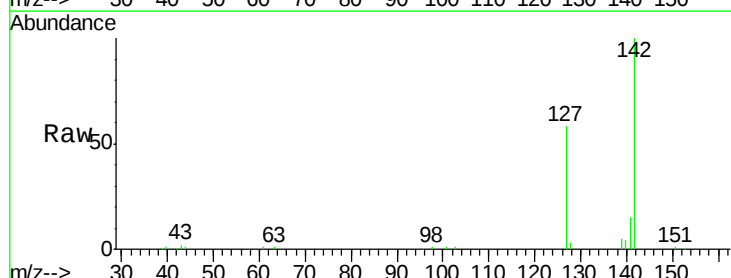
RT: 3.28 min Scan# 189

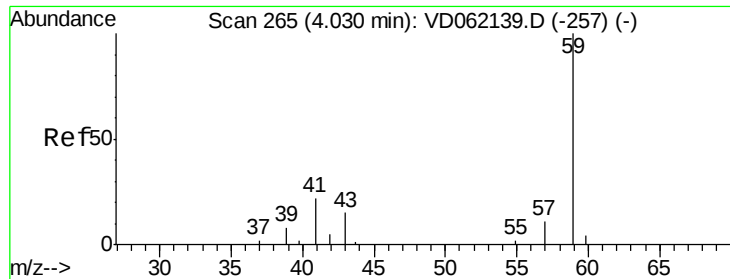
Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	142	Resp:	300679
Ion Ratio	Lower	Upper	
142	100		
127	57.8	38.8	58.2
141	14.6	11.4	17.0





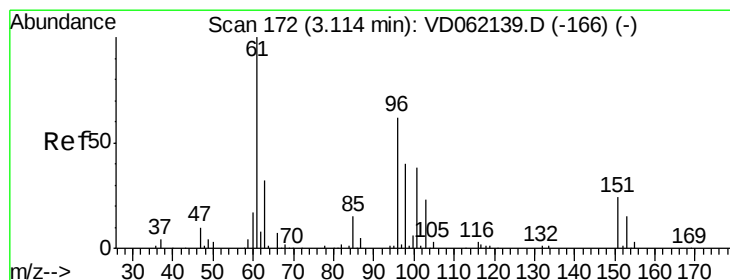
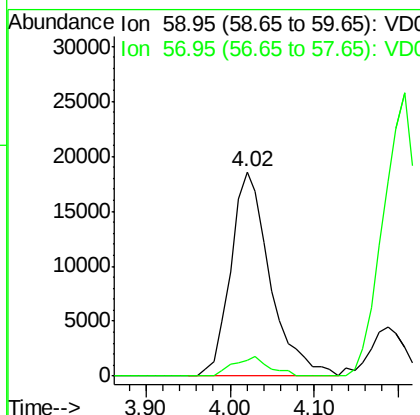
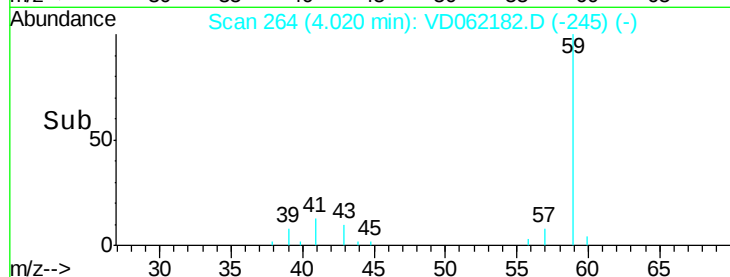
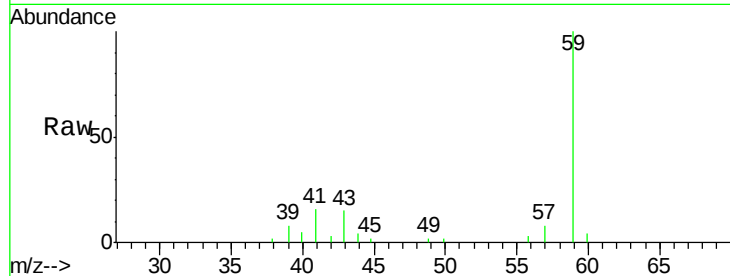
#11
Tert butyl alcohol
Concen: 297.628 ug/l
RT: 4.02 min Scan# 264
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 59 Resp: 60442
Ion Ratio Lower Upper
59 100
57 7.8 6.9 10.3

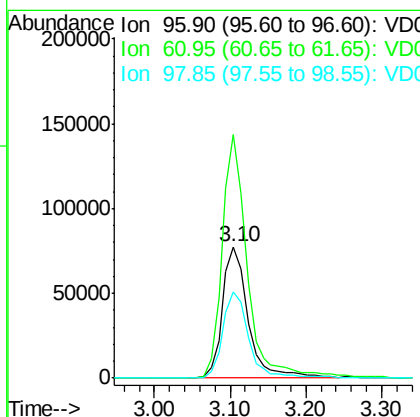
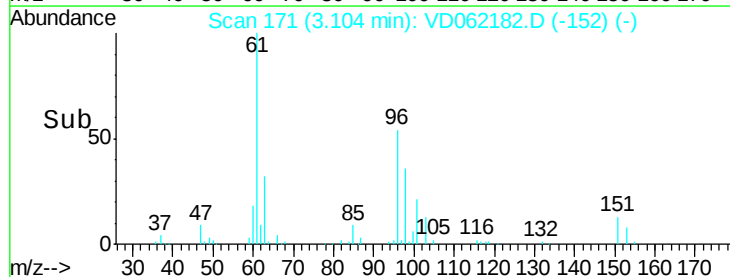
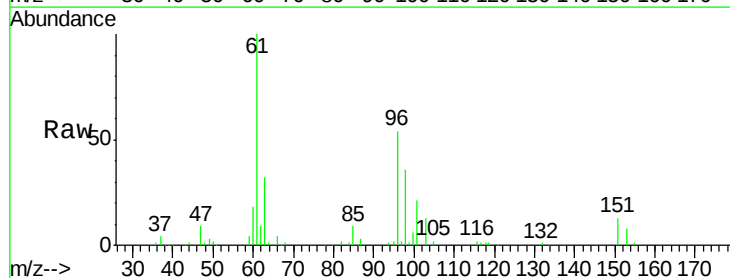
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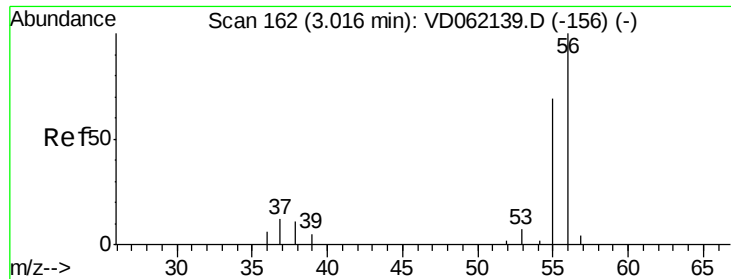
MMDadoda
5/9/2019 11:21:18 AM



#12
1,1-Dichloroethene
Concen: 56.134 ug/l
RT: 3.10 min Scan# 171
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 96 Resp: 183237
Ion Ratio Lower Upper
96 100
61 185.3 129.8 194.8
98 65.8 51.2 76.8





#13

Acrolein

Concen: 62.339 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 56 Resp: 13094

Ion Ratio Lower Upper

56 100

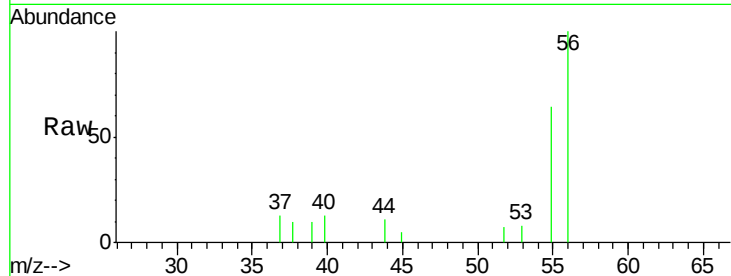
55 64.4 51.4 77.2

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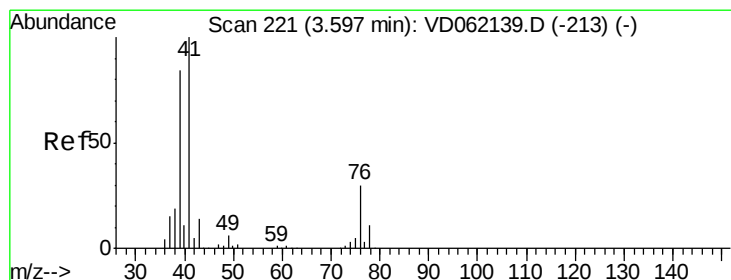
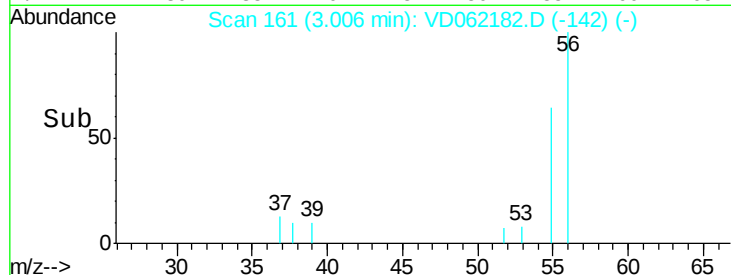
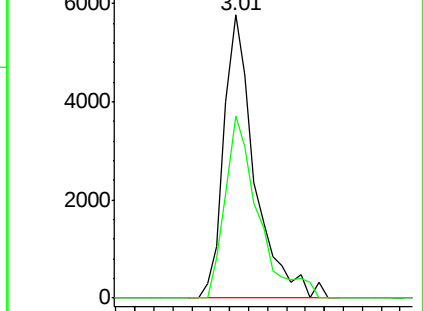
MMDadoda

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Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 58.218 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

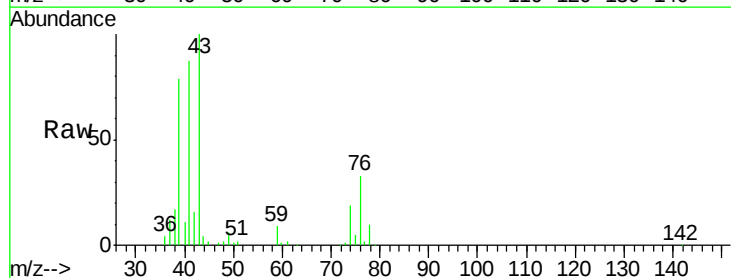
Tgt Ion: 41 Resp: 276315

Ion Ratio Lower Upper

41 100

39 90.6 60.5 90.7

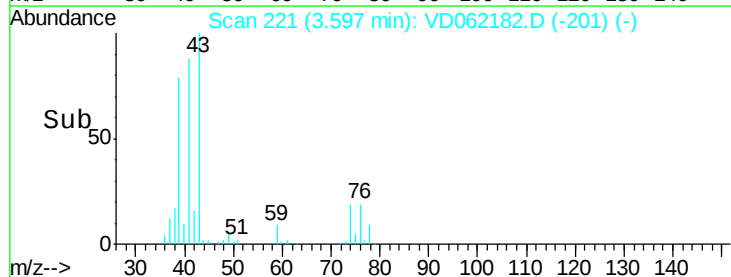
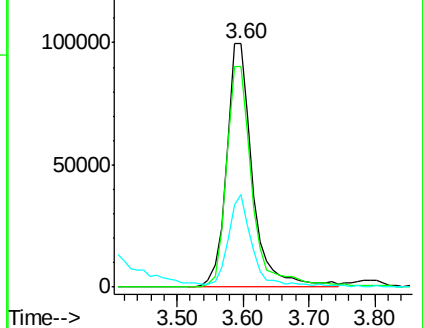
76 38.1 31.8 47.8

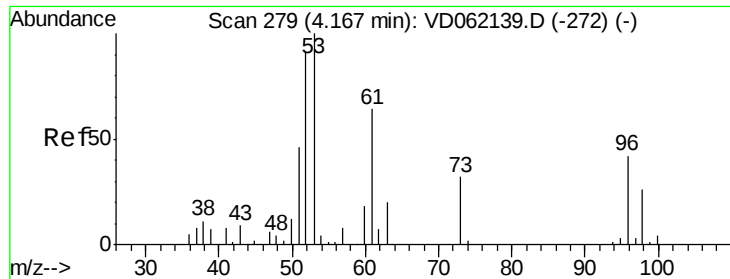


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





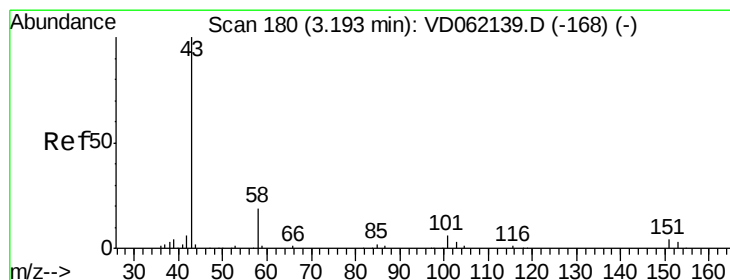
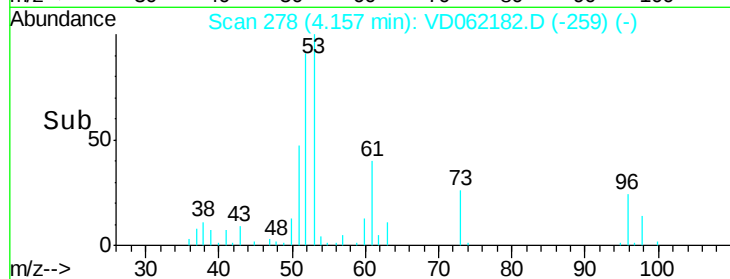
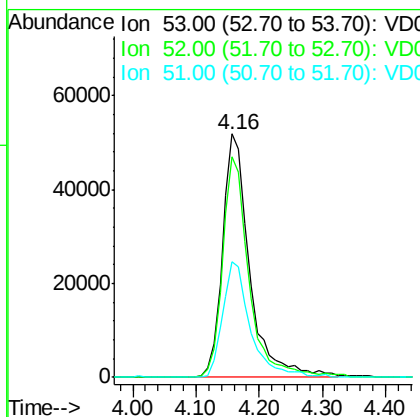
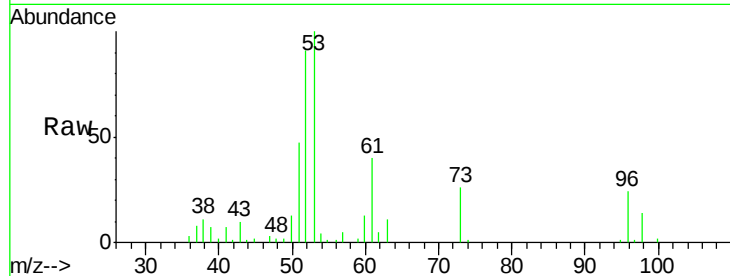
#15
 Acrylonitrile
 Concen: 289.516 ug/l
 RT: 4.16 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	90.9	65.0	97.4
51	47.4	32.6	48.8

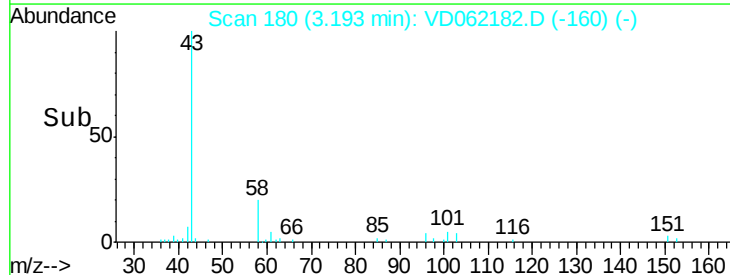
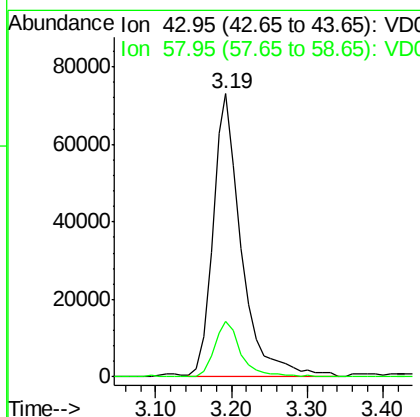
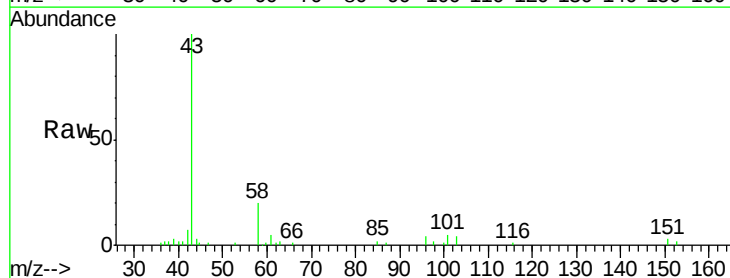
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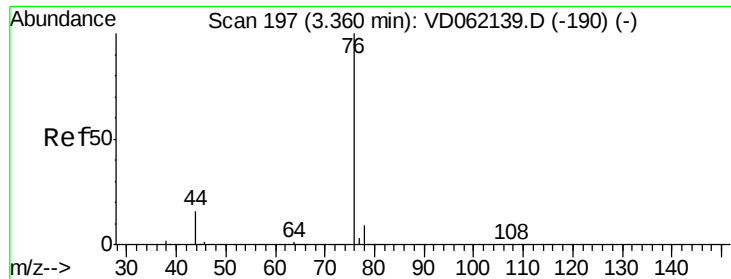
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#16
 Acetone
 Concen: 228.998 ug/l
 RT: 3.19 min Scan# 180
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.8	19.9	29.9#





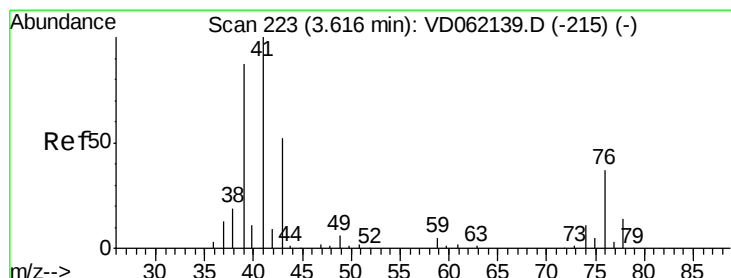
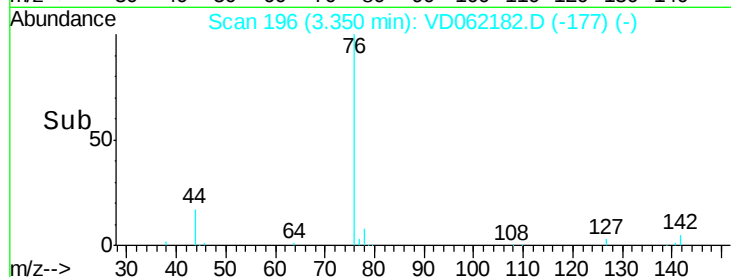
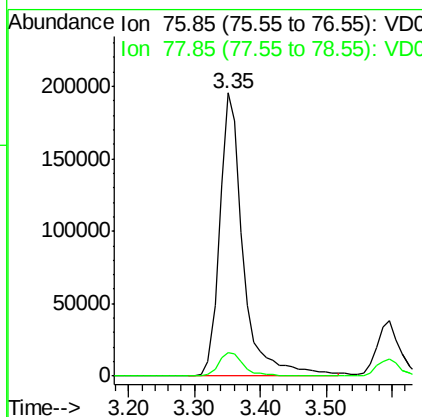
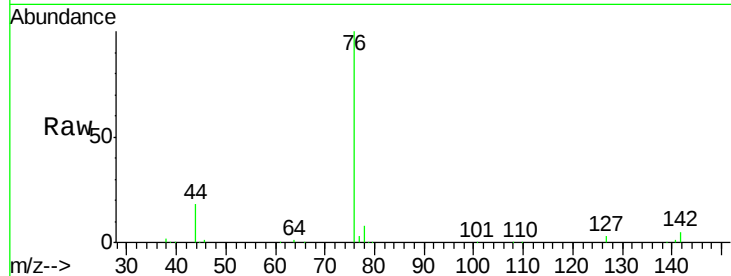
#17
Carbon Disulfide
Concen: 51.558 ug/l
RT: 3.35 min Scan# 196
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 76 Resp: 484144
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

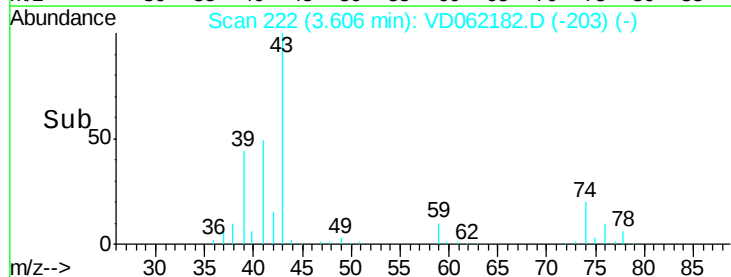
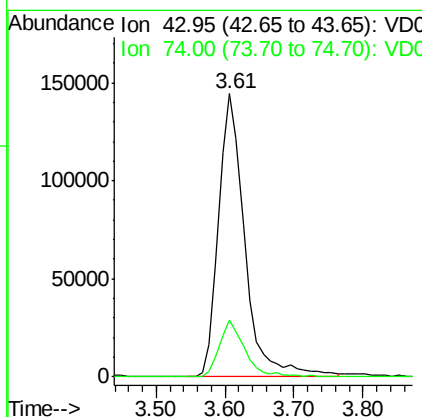
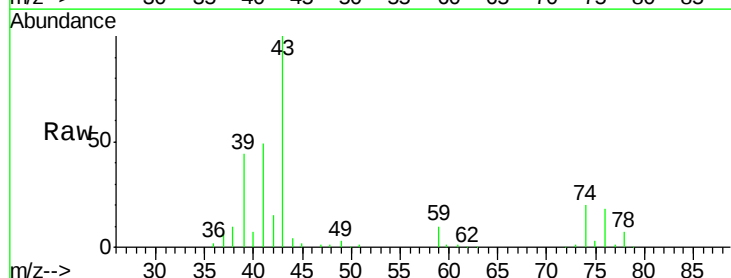
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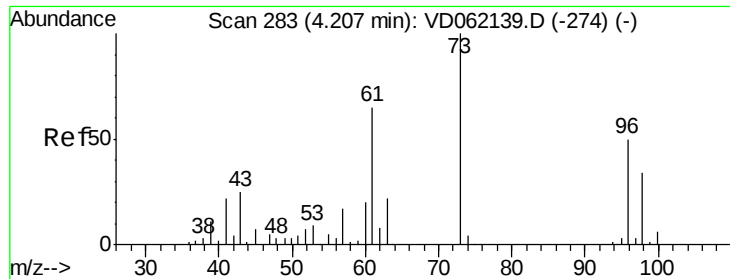
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#18
Methyl Acetate
Concen: 257.022 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 43 Resp: 381649
Ion Ratio Lower Upper
43 100
74 20.2 18.0 27.0





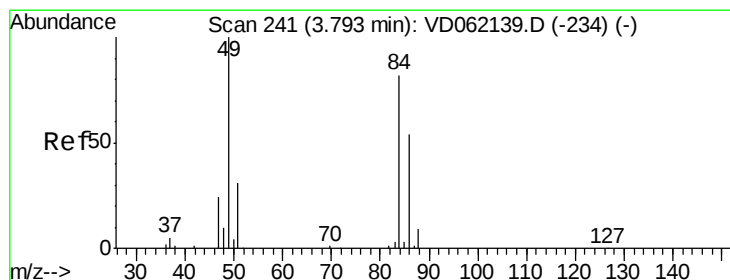
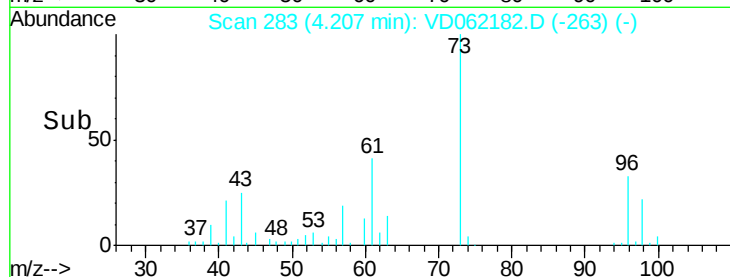
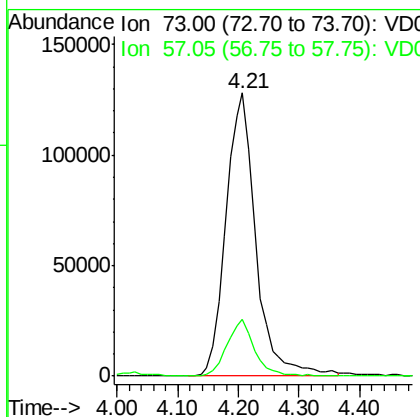
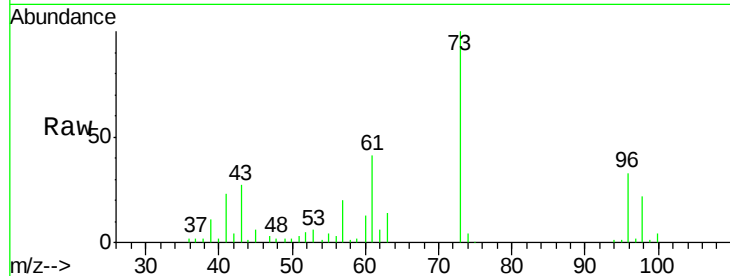
#19
Methyl tert-butyl Ether
Concen: 62.624 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 73 Resp: 438166
Ion Ratio Lower Upper
73 100
57 20.1 16.3 24.5

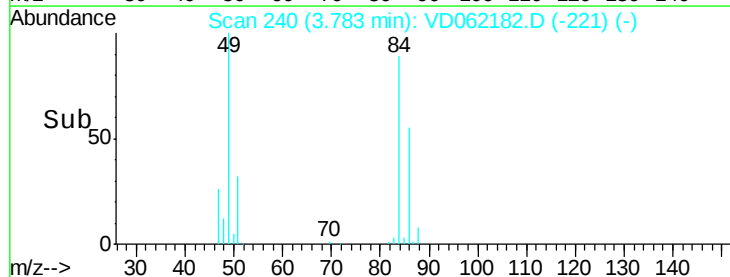
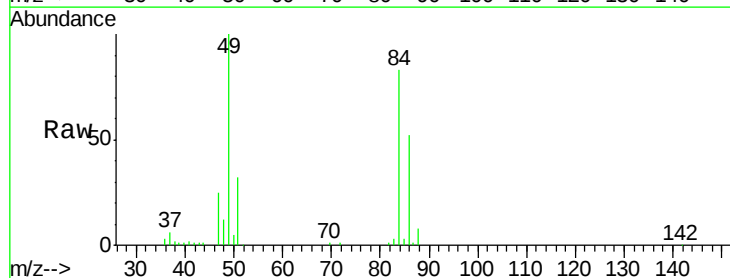
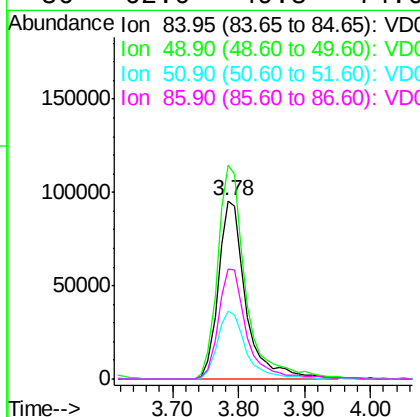
Manual Integrations
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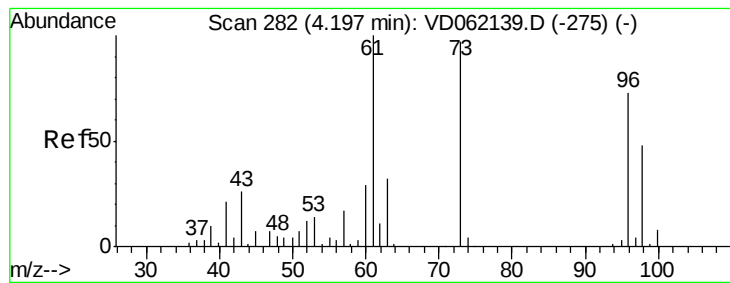
MMDadoda
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#20
Methylene Chloride
Concen: 79.837 ug/l
RT: 3.78 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 84 Resp: 278124
Ion Ratio Lower Upper
84 100
49 119.8 94.0 141.0
51 37.9 29.0 43.4
86 62.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 57.002 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 96 Resp: 207054

Ion Ratio Lower Upper

96 100

61 143.5 104.4 156.6

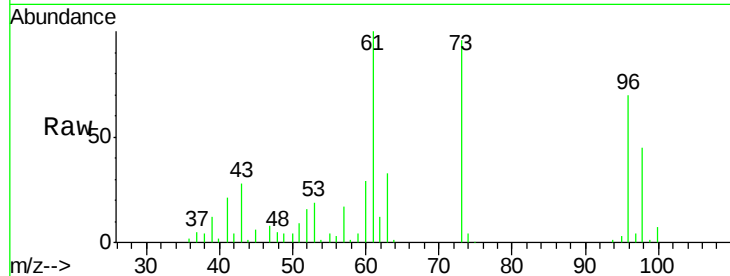
98 65.2 51.8 77.8

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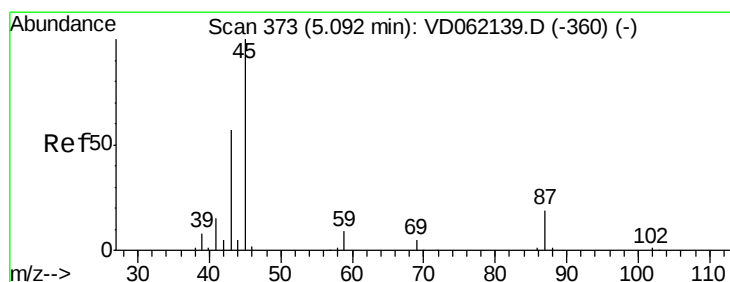
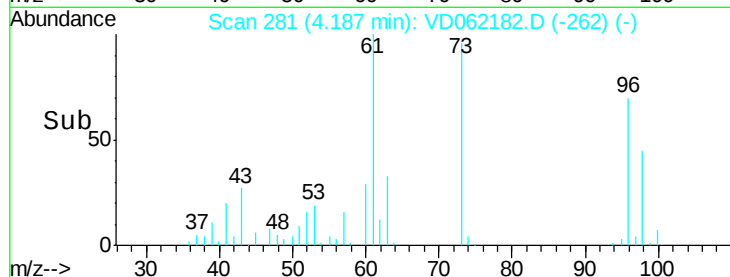
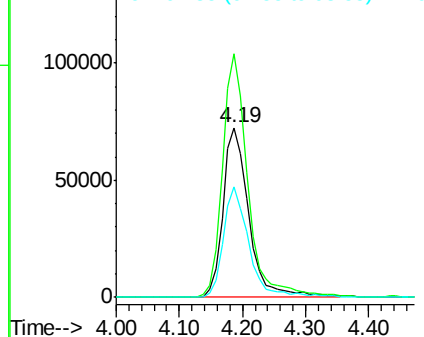
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Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 64.249 ug/l

RT: 5.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion: 45 Resp: 648905

Ion Ratio Lower Upper

45 100

43 44.9 46.2 69.2#

87 21.0 15.9 23.9

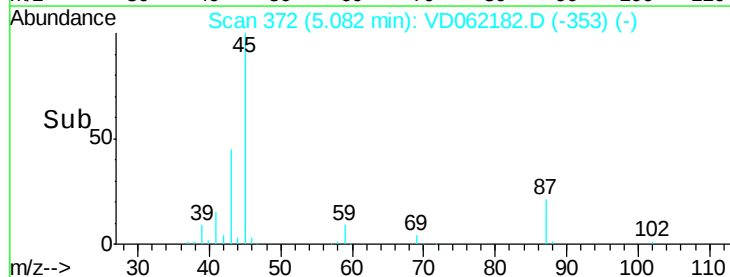
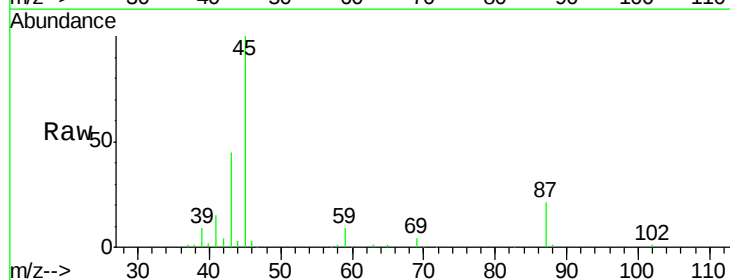
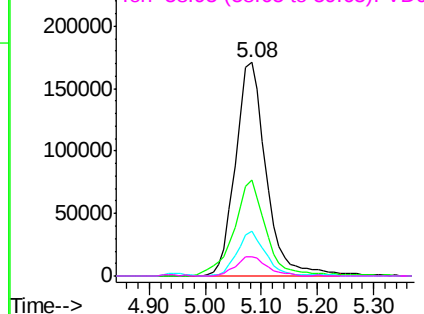
59 9.3 7.9 11.9

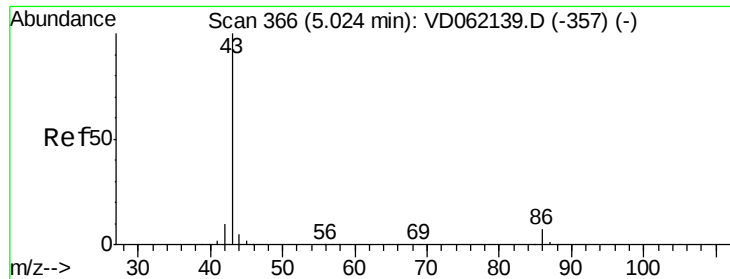
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 55.377 ug/l

RT: 5.08 min Scan# 372

Delta R.T. 0.06 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 43 Resp: 295090

Ion Ratio Lower Upper

43 100

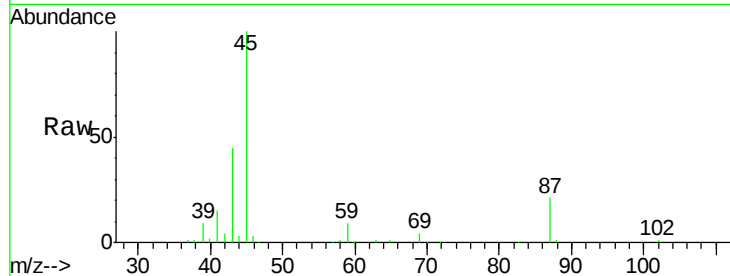
86 0.0 6.4 9.6#

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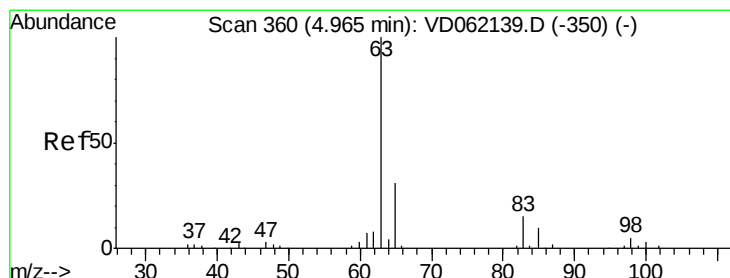
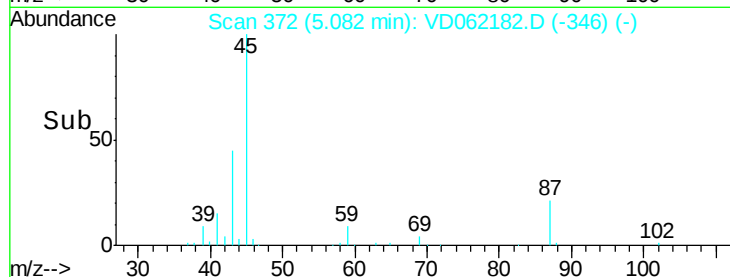
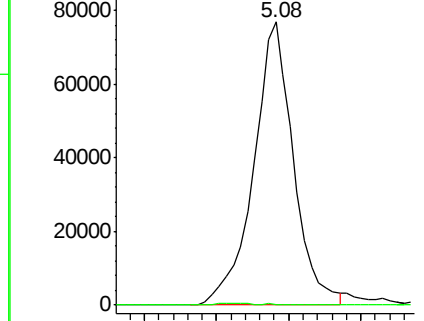
MMDadoda

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 59.745 ug/l

RT: 4.94 min Scan# 358

Delta R.T. -0.02 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

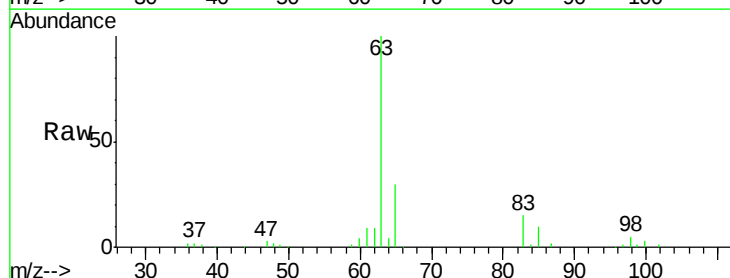
Tgt Ion: 63 Resp: 364017

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

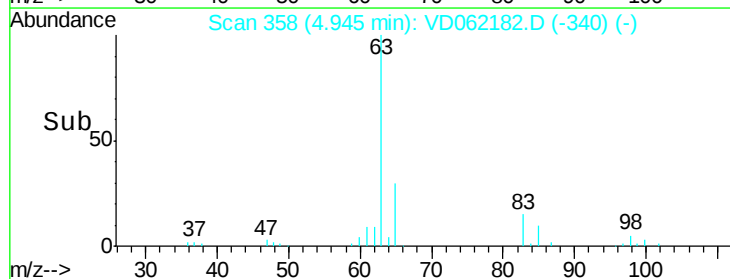
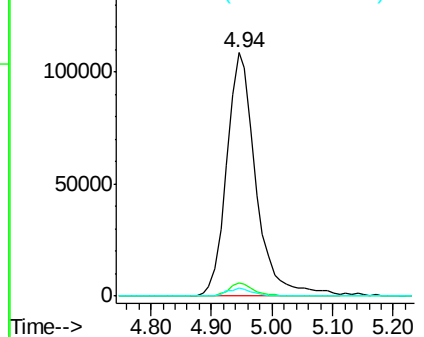
100 3.4 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 276.103 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 43 Resp: 251268

Ion Ratio Lower Upper

43 100

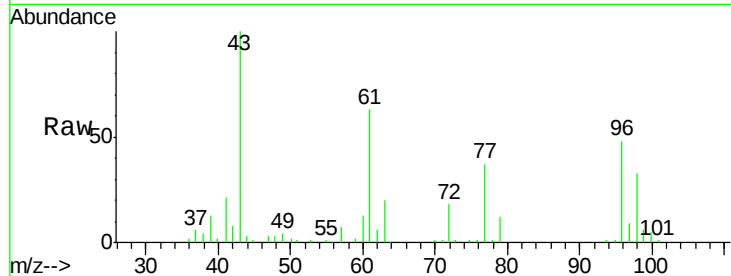
72 18.2 16.2 24.4

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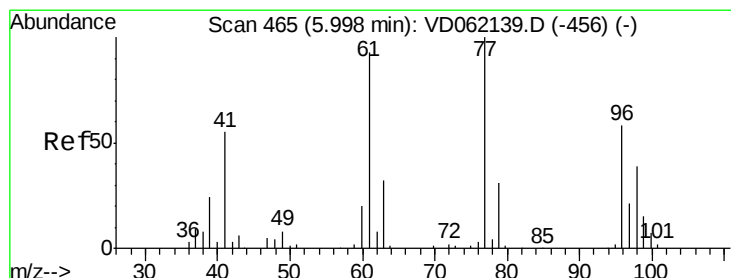
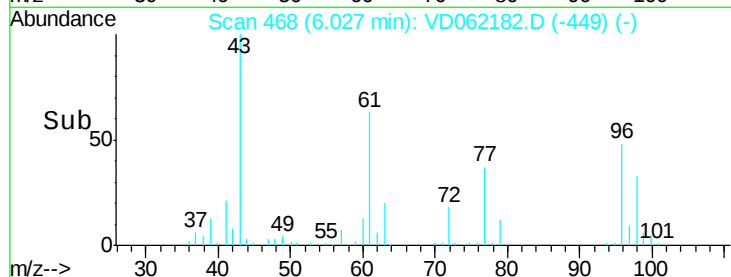
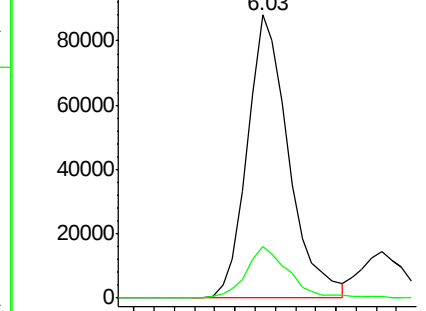
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 58.067 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.01 min

Lab File: VD062182.D

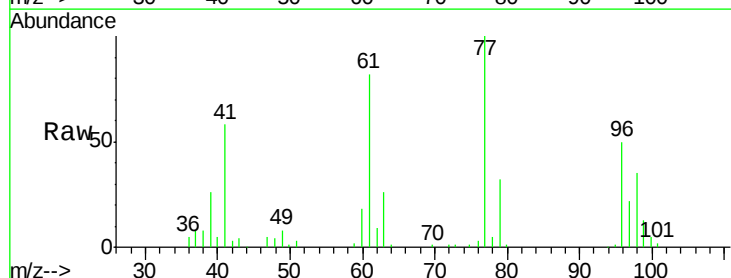
Acq: 8 May 2019 18:59

Tgt Ion: 77 Resp: 352421

Ion Ratio Lower Upper

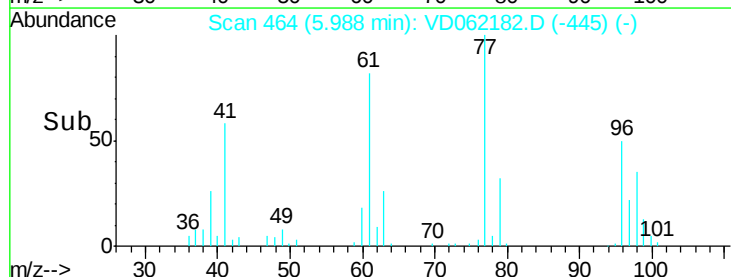
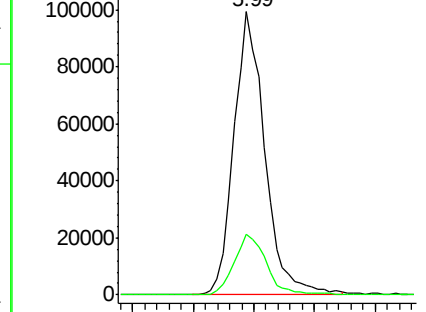
77 100

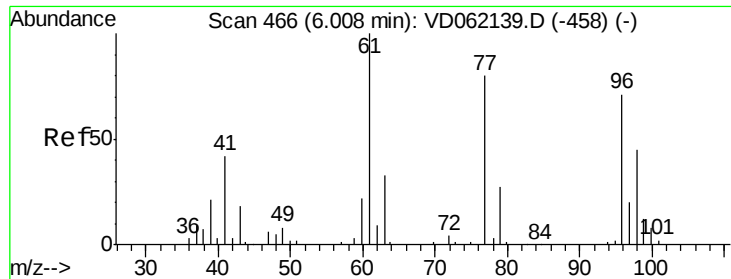
97 21.6 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

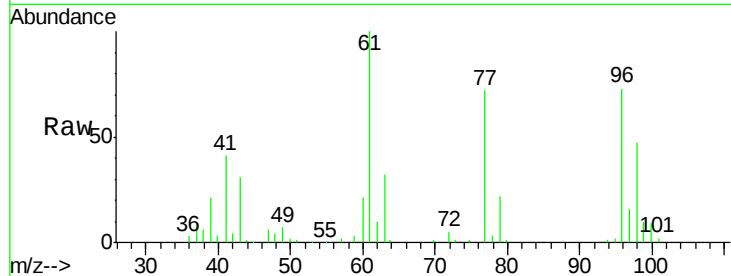
cis-1,2-Dichloroethene
Concen: 57.644 ug/l
RT: 6.01 min Scan# 466
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

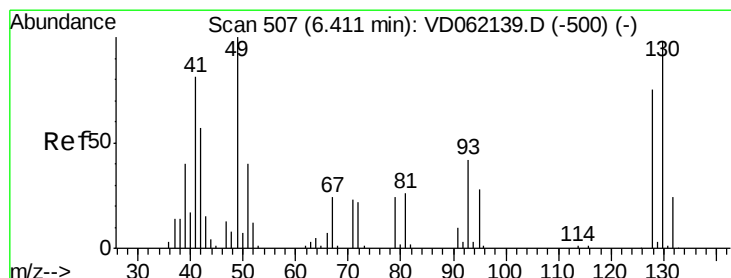
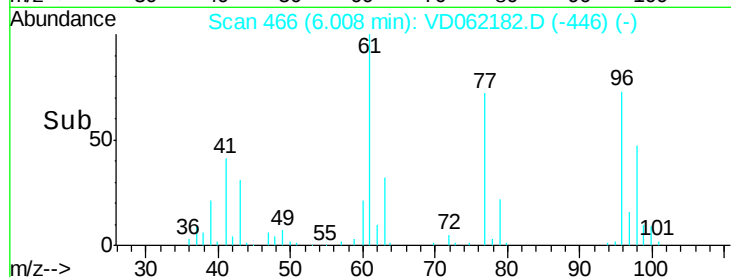
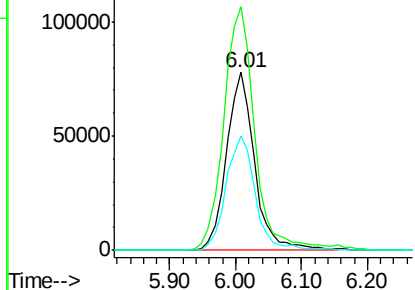
Tot Ion	Ratio	Resp	Lower	Upper
96	100	234369		
61	136.7	0.0	279.8	
98	64.2	0.0	136.0	

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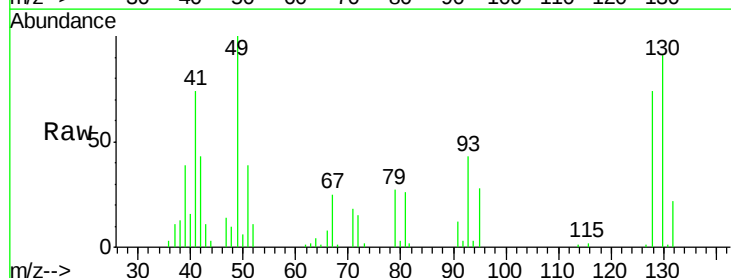
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



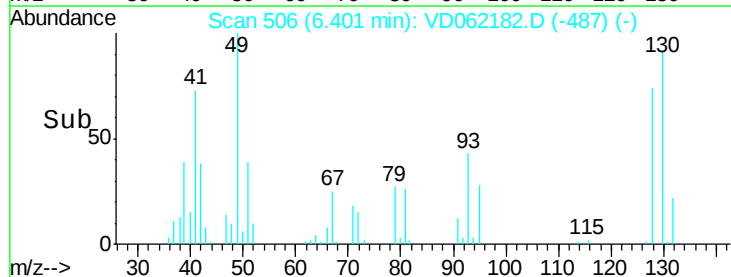
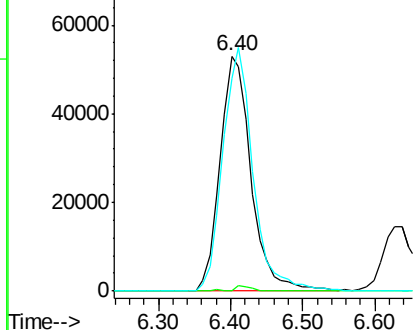
#28

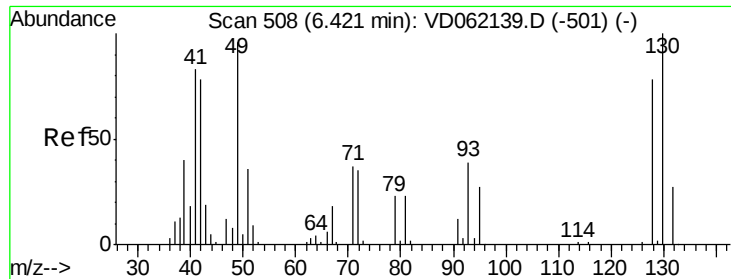
Bromochloromethane
Concen: 65.865 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	157888		
129	0.0	0.0	6.6	
130	90.7	86.7	130.1	



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





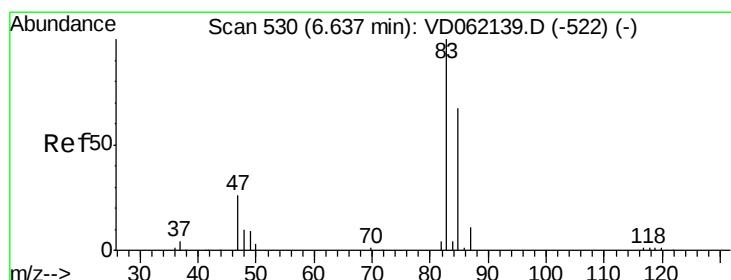
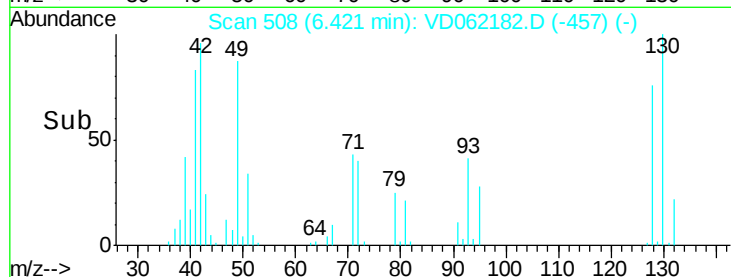
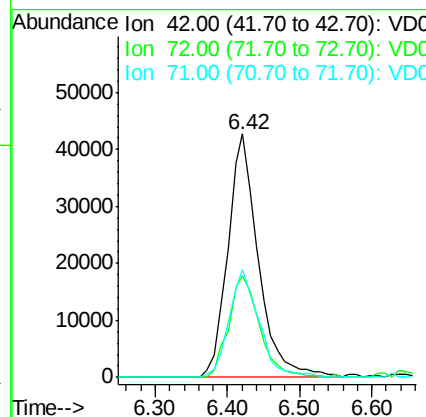
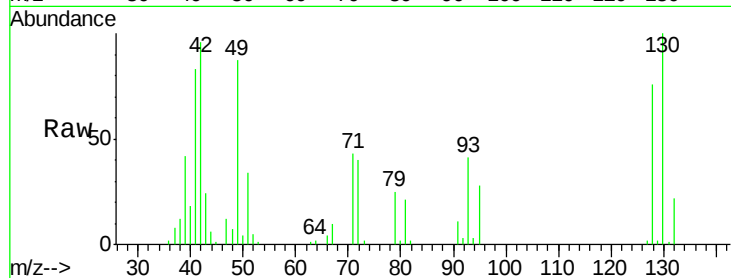
#29
Tetrahydrofuran
Concen: 298.633 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.8	56.6
71	43.6	36.7	55.1

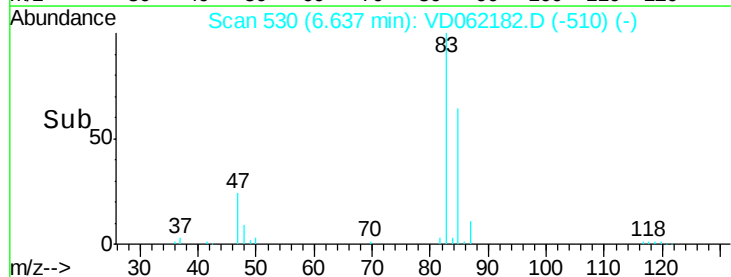
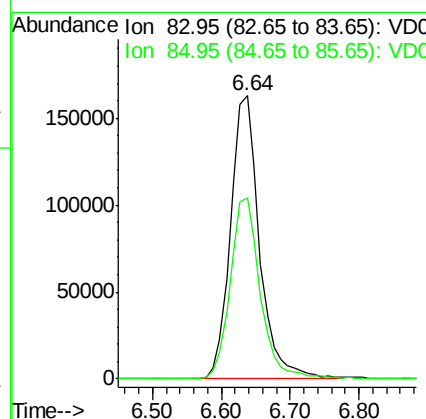
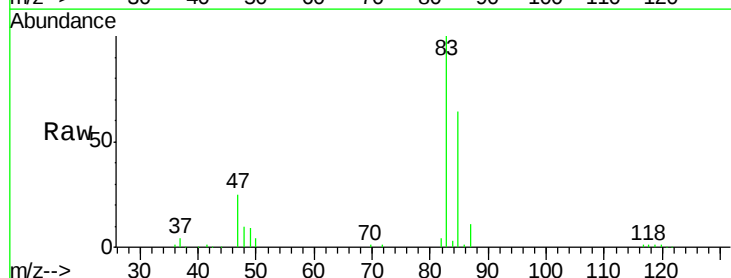
Manual Integrations
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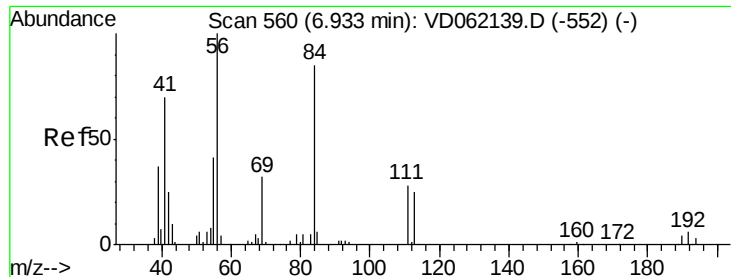
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#30
Chloroform
Concen: 64.591 ug/l
RT: 6.64 min Scan# 530
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5





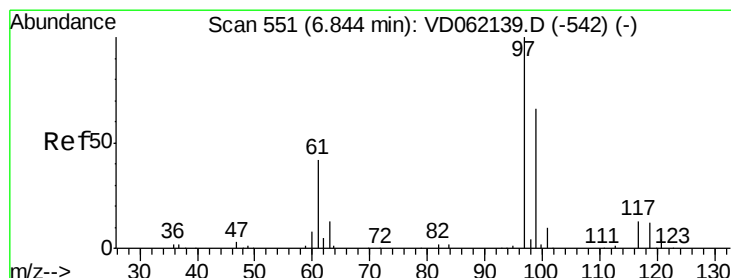
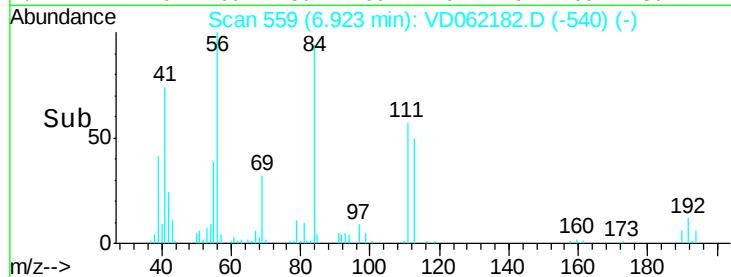
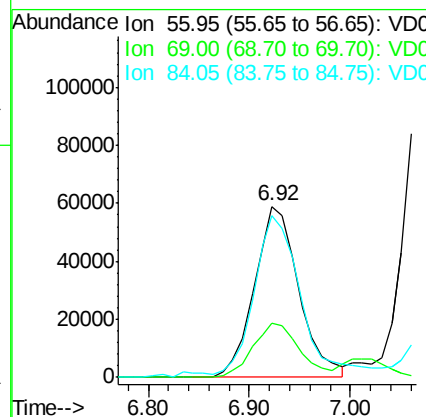
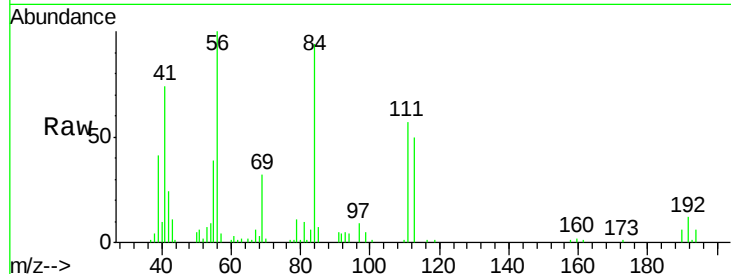
#31
Cyclohexane
Concen: 43.189 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.8	38.6
84	94.4	72.2	108.4

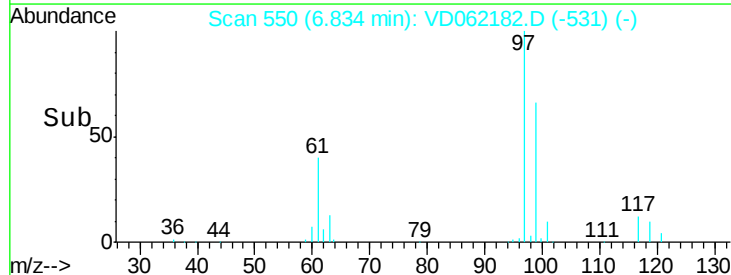
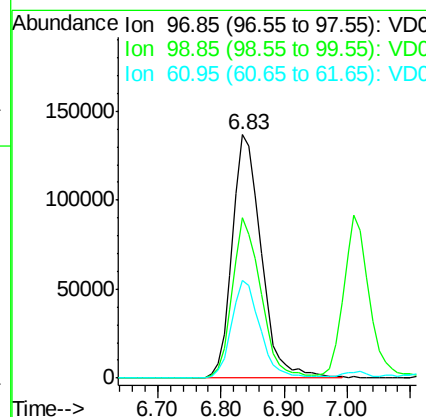
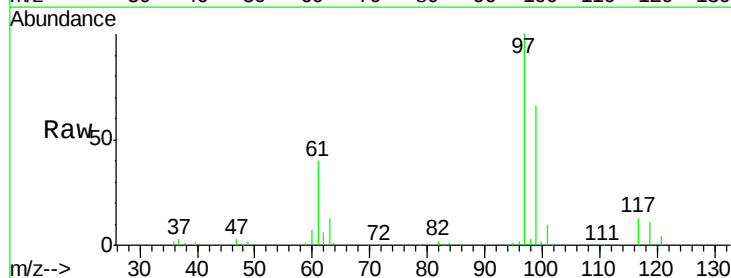
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 62.640 ug/l
RT: 6.83 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.2	78.2
61	40.2	32.4	48.6





#33

1,2-Dichloroethane-d4

Concen: 61.597 ug/l

RT: 7.42 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tot Ion: 65 Resp: 245062

Ion Ratio Lower Upper

65 100

67 44.7 0.0 98.0

Instrument :

MSVOA_D

ClientSampleId :

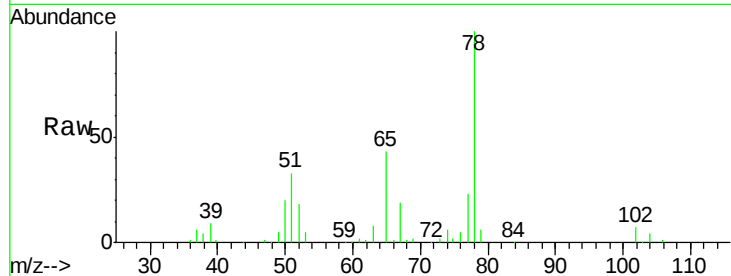
P026-SS002-1218-01MS

Manual Integrations

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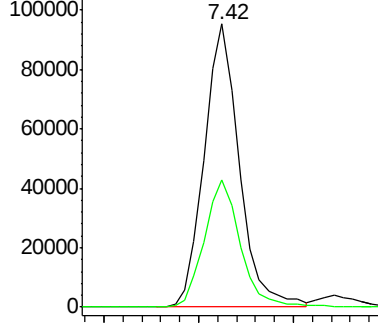
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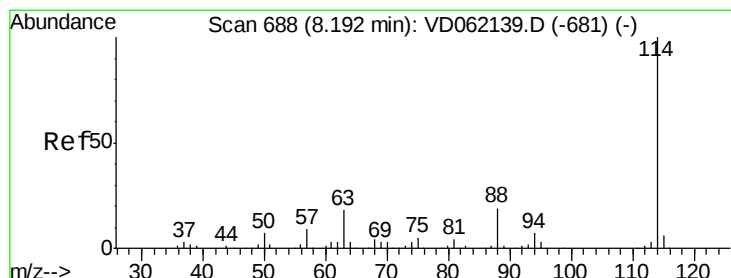
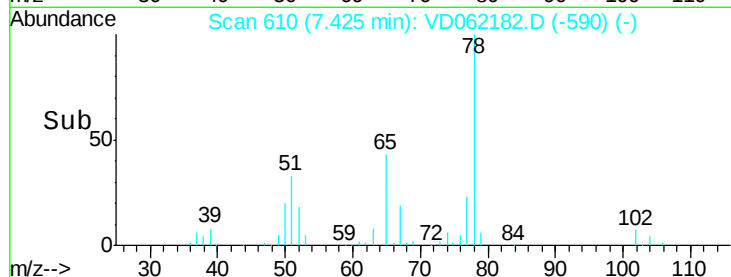


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 688

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

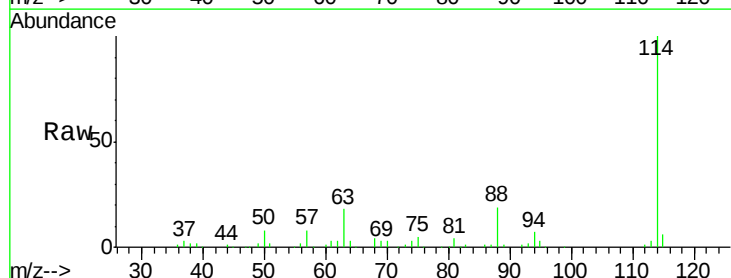
Tgt Ion: 114 Resp: 582924

Ion Ratio Lower Upper

114 100

63 17.9 0.0 32.4

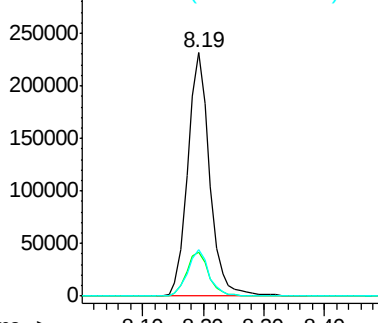
88 18.9 0.0 33.6



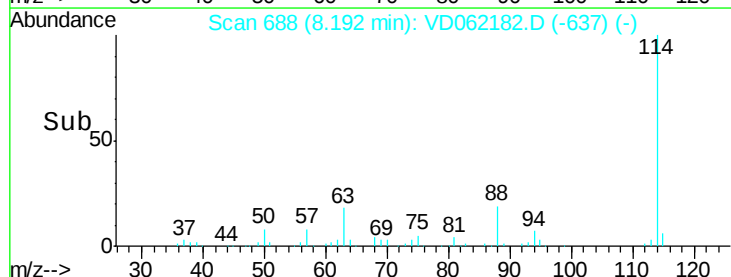
Abundance Ion 114.00 (113.70 to 114.70): V

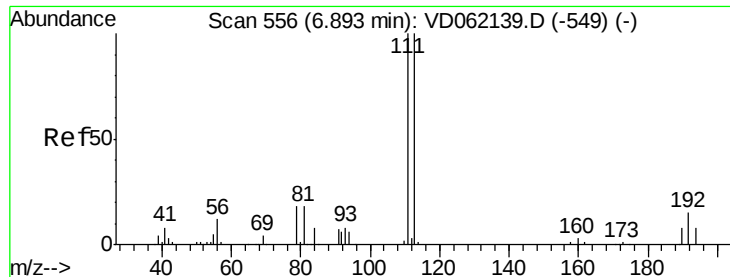
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time-->





#35

Dibromofluoromethane

Concen: 62.414 ug/l

RT: 6.89 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

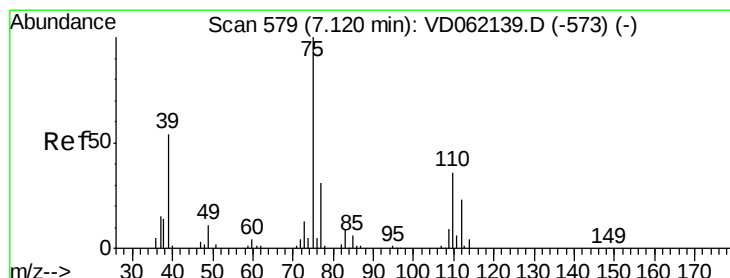
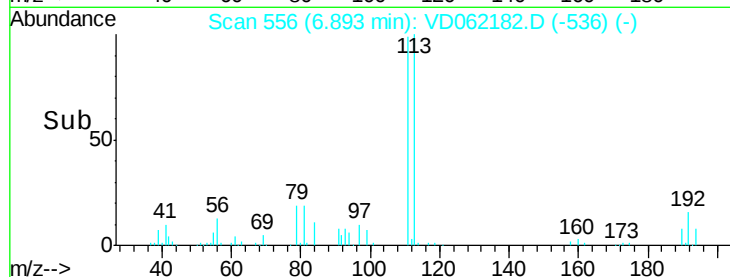
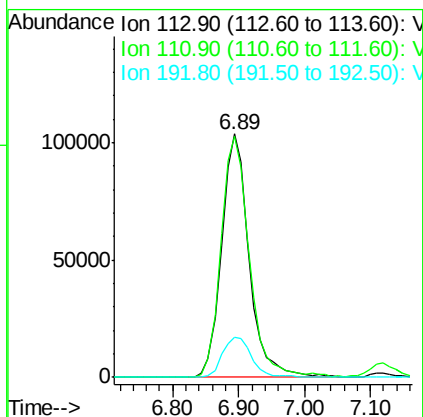
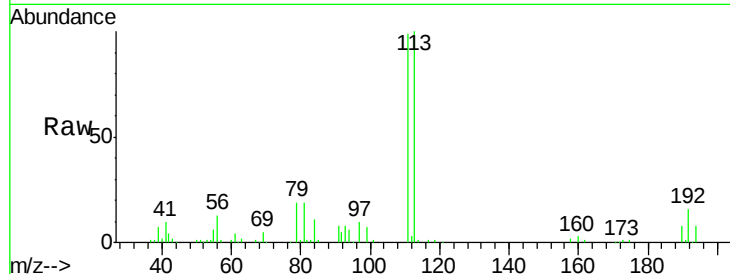
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	113	Resp:	301869
Ion Ratio	Lower	Upper	
113	100		
111	99.2	78.5	117.7
192	16.5	13.0	19.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 55.410 ug/l

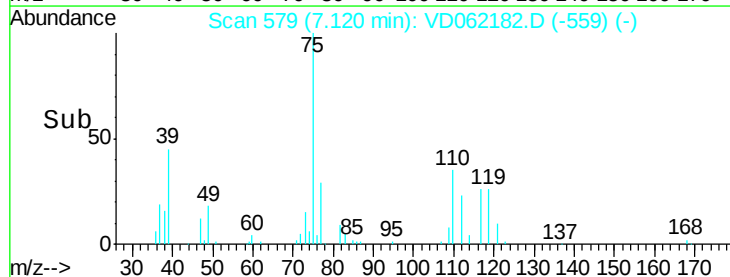
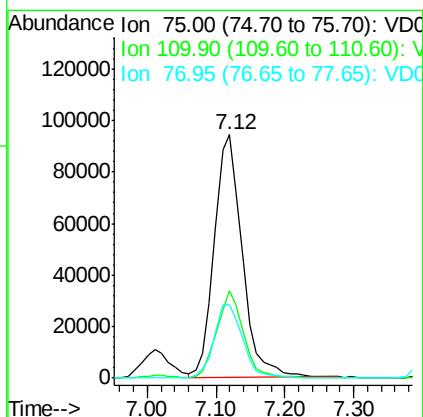
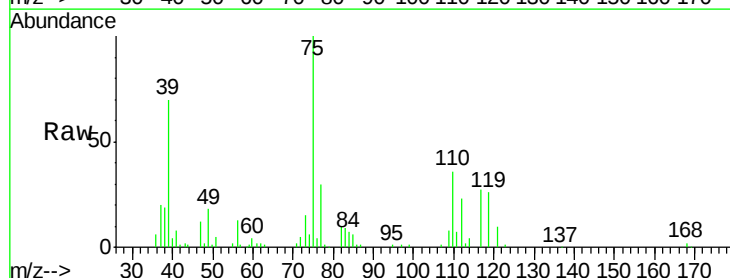
RT: 7.12 min Scan# 579

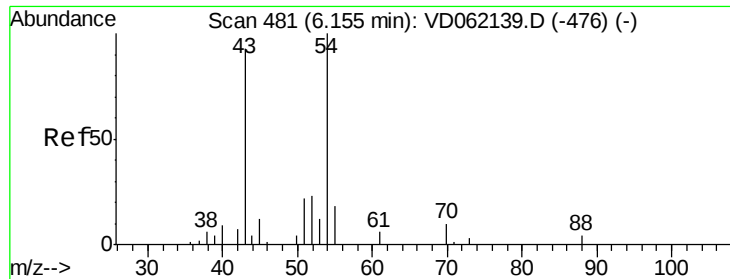
Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	75	Resp:	264827
Ion Ratio	Lower	Upper	
75	100		
110	35.8	19.1	57.1
77	30.1	25.6	38.4





#37

Ethyl Acetate

Concen: 22.468 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

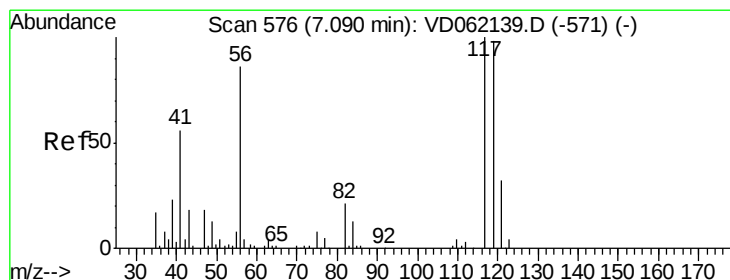
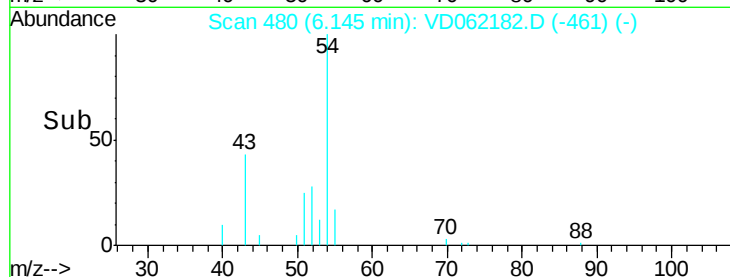
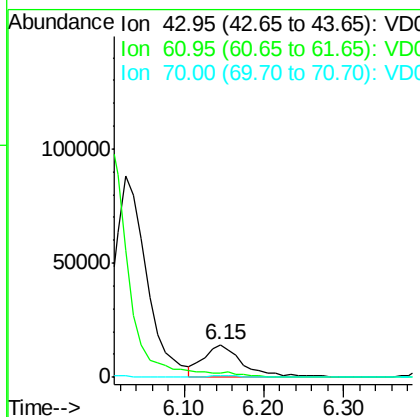
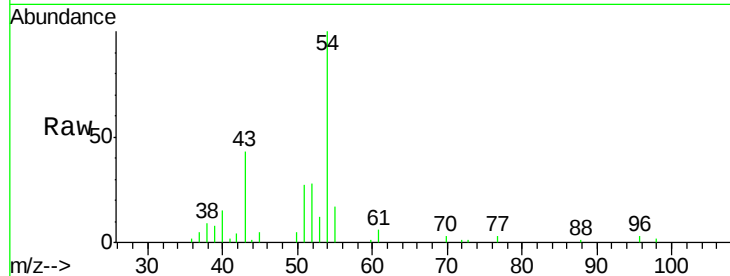
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	43	Resp:	45540
Ion	Ratio	Lower	Upper
43	100		
61	14.9	14.7	22.1
70	6.2	7.8	11.6#

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 62.040 ug/l m

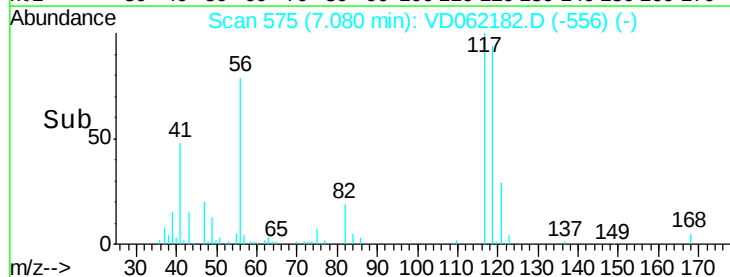
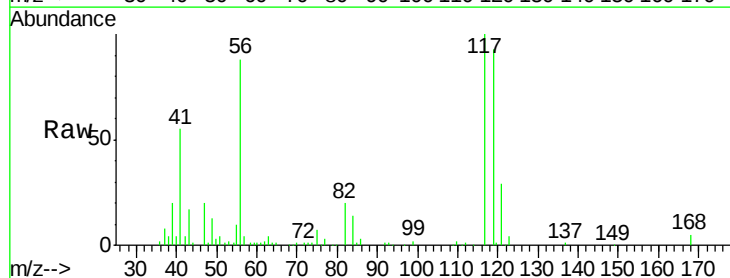
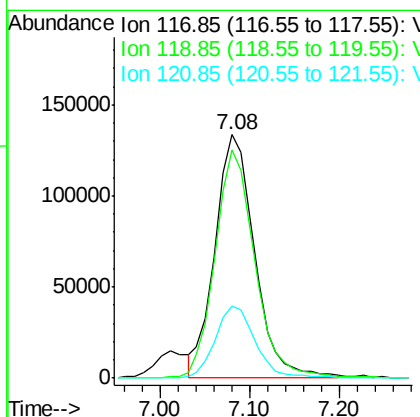
RT: 7.08 min Scan# 575

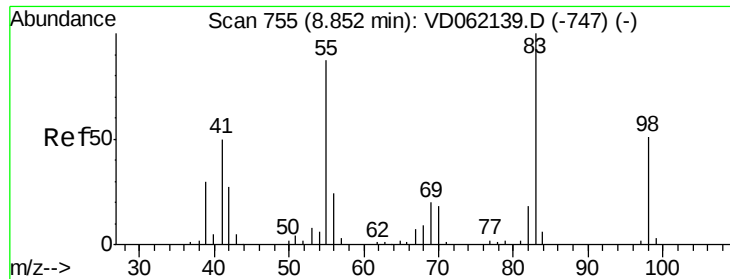
Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	117	Resp:	410406
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
121	29.4	25.9	38.9





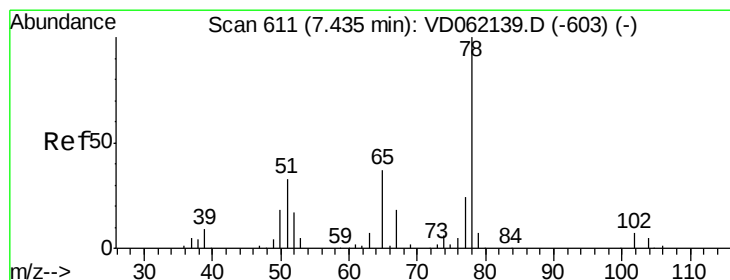
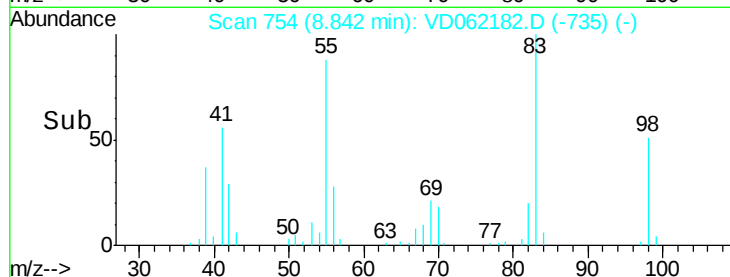
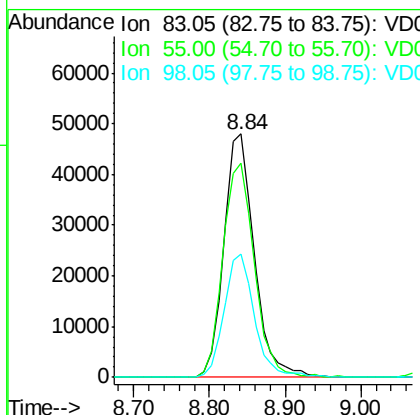
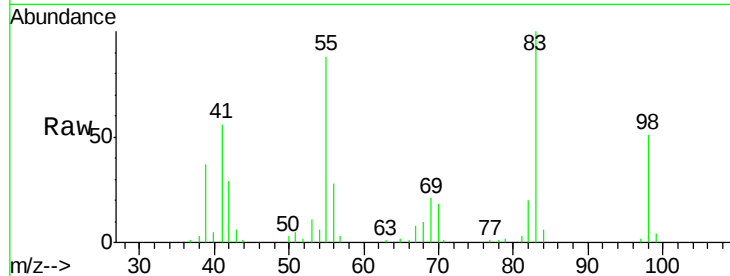
#39
Methvlcvclohexane
Concen: 29.099 ug/l
RT: 8.84 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	83	Resp	133250
Ion Ratio	Lower	Upper	
83	100		
55	87.9	68.2	102.4
98	50.5	38.2	57.4

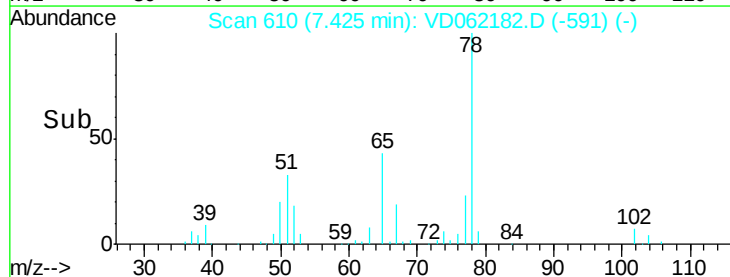
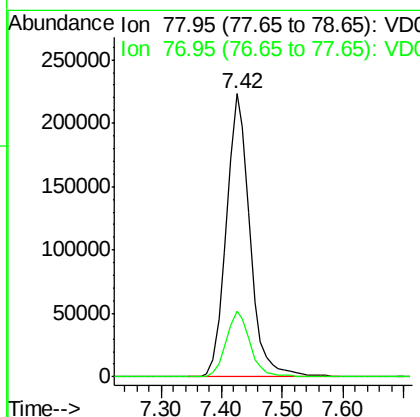
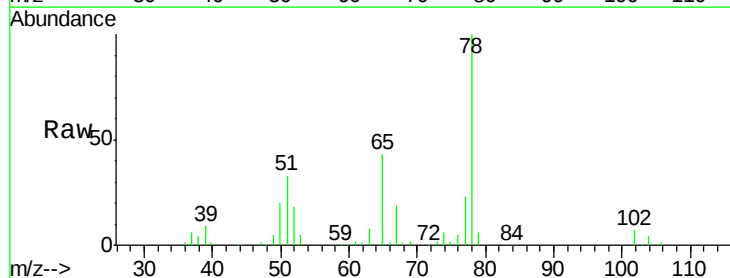
Manual Integrations
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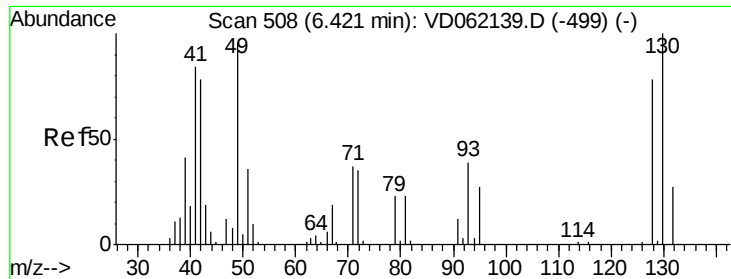
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#40
Benzene
Concen: 55.913 ug/l
RT: 7.42 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	78	Resp	603444
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.7	29.5





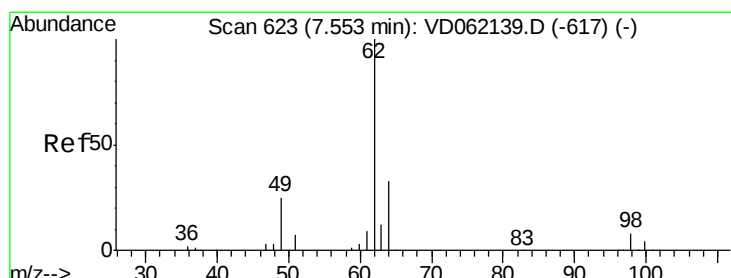
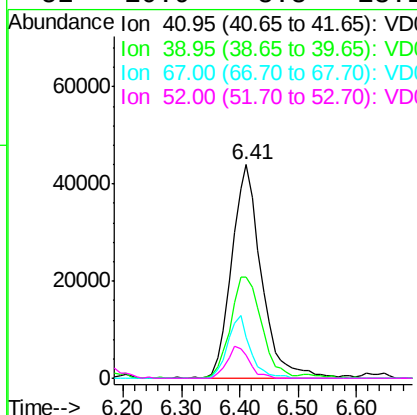
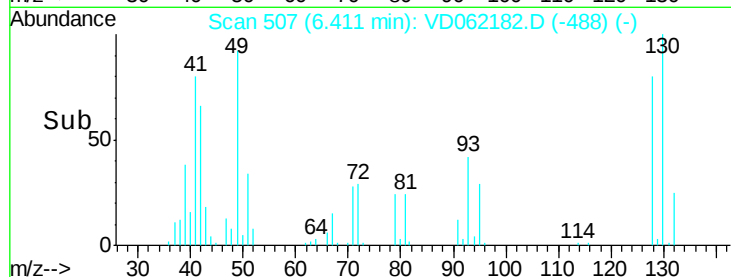
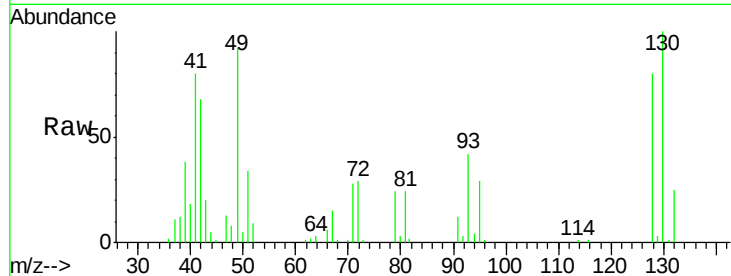
#41
Methacrylonitrile
Concen: 62.769 ug/l
RT: 6.41 min Scan# 507
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	47.1	34.1	51.1	
67	19.3	23.8	35.6	
52	10.9	8.8	13.2	

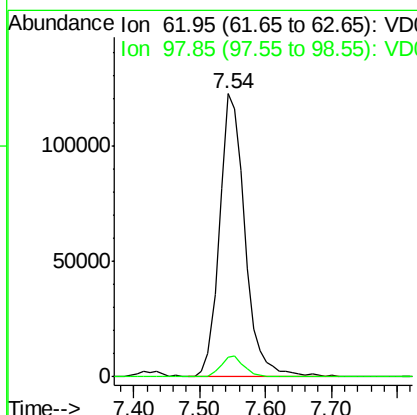
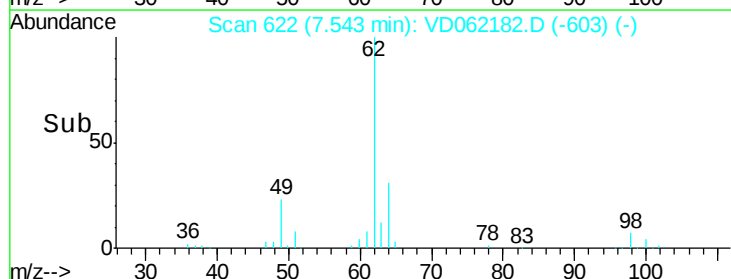
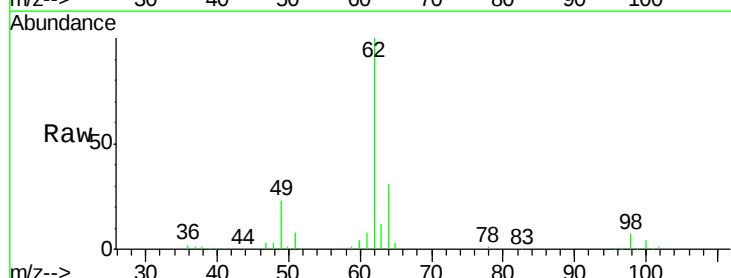
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#42
1,2-Dichloroethane
Concen: 72.070 ug/l
RT: 7.54 min Scan# 622
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.0	0.0	17.8	





#43

Isopropyl Acetate

Concen: 16.249 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

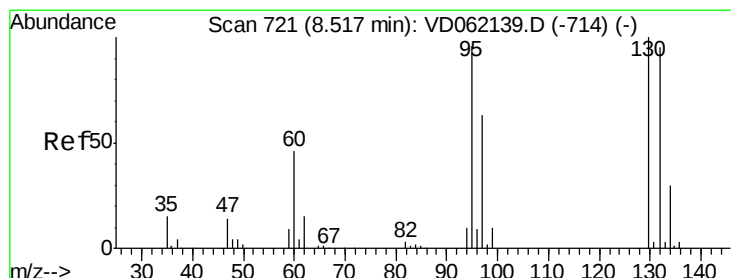
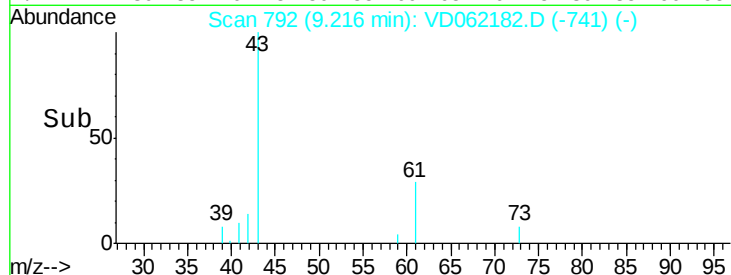
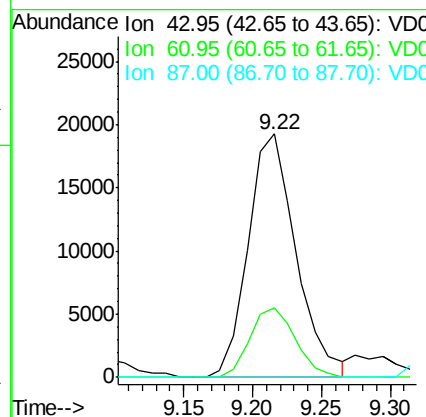
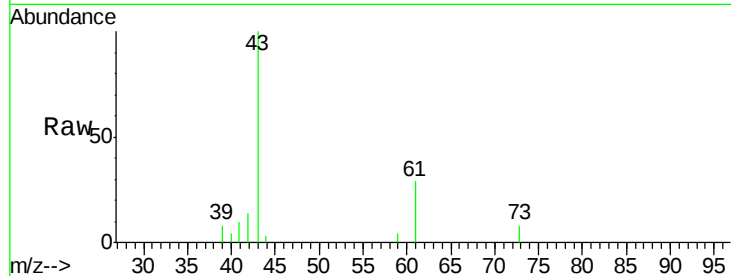
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	43	Resp:	46710
Ion	Ratio	Lower	Upper
43	100		
61	28.8	25.1	37.7
87	0.0	0.0	0.0

Manual Integrations
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#44

Trichloroethene

Concen: 53.416 ug/l

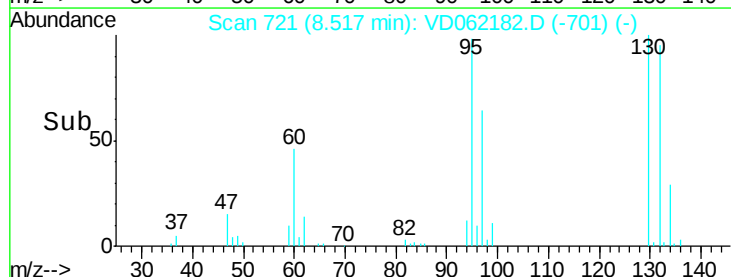
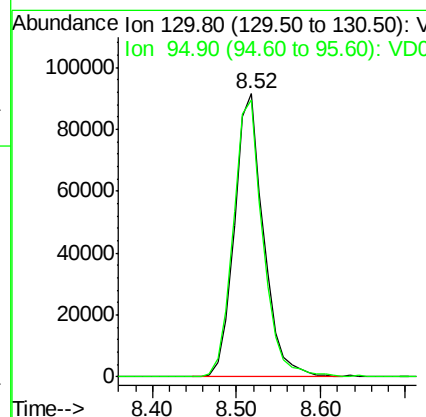
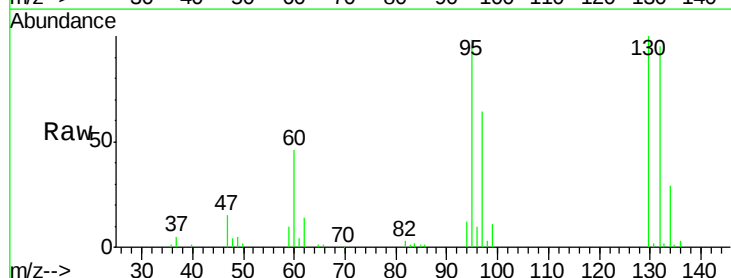
RT: 8.52 min Scan# 721

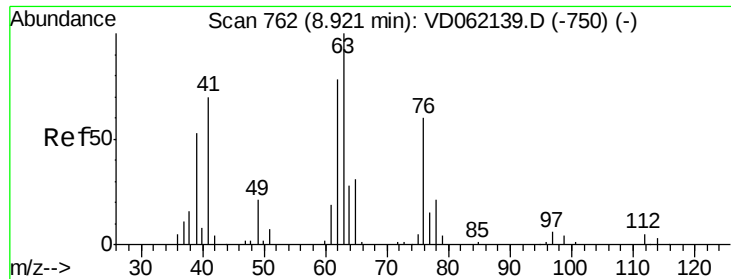
Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	130	Resp:	219677
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	174.0





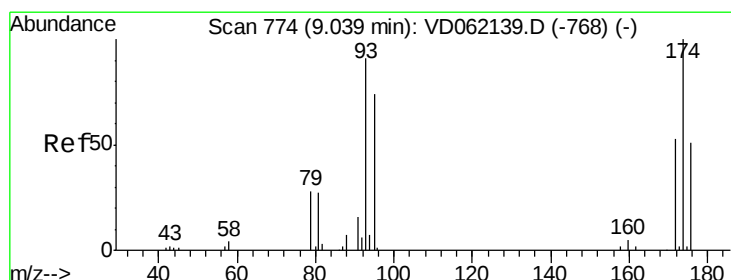
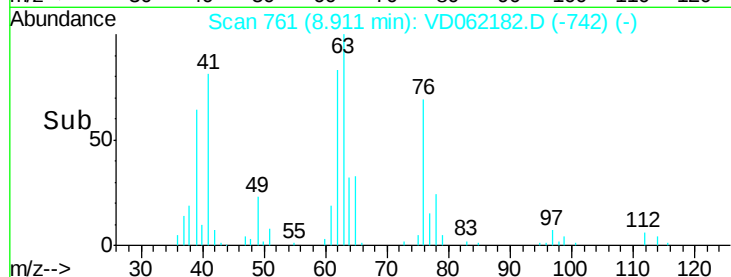
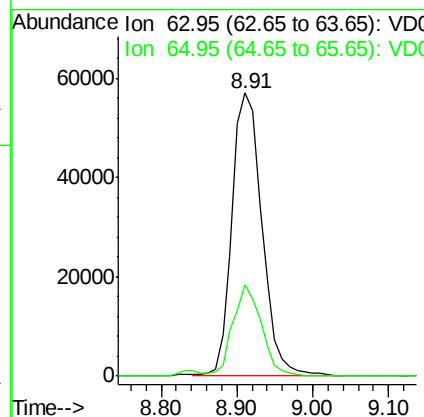
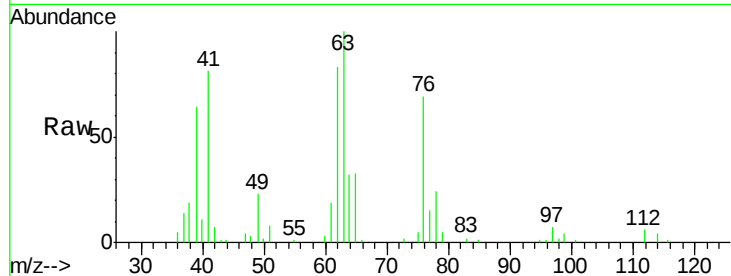
#45
1,2-Dichloropropane
Concen: 58.600 ug/l
RT: 8.91 min Scan# 761
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 63 Resp: 156435
Ion Ratio Lower Upper
63 100
65 32.5 23.8 35.6

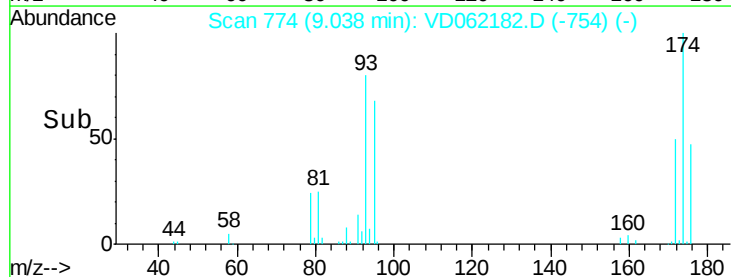
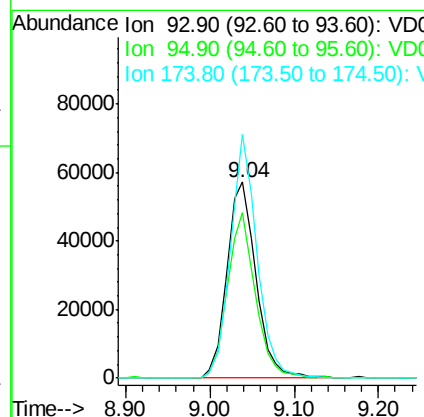
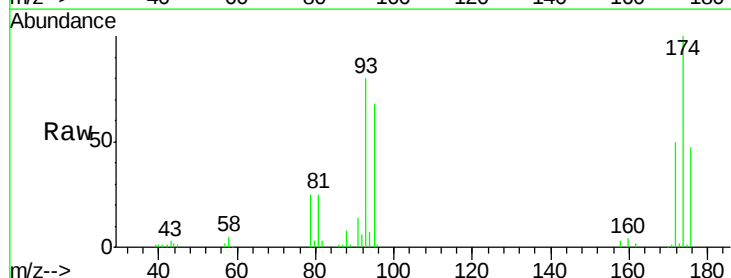
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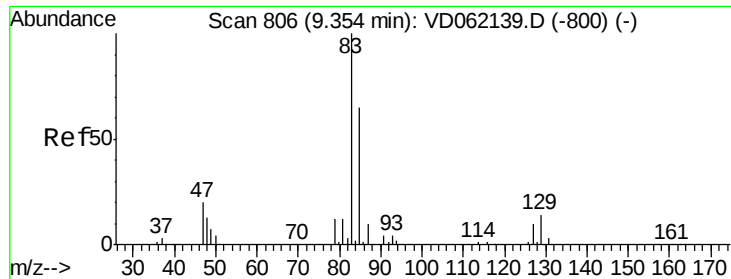
MMDadoda
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#46
Dibromomethane
Concen: 62.693 ug/l
RT: 9.04 min Scan# 774
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 93 Resp: 136097
Ion Ratio Lower Upper
93 100
95 84.6 64.8 97.2
174 124.2 79.3 118.9#





#47

Bromodichloromethane

Concen: 66.602 ug/l

RT: 9.35 min Scan# 806

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

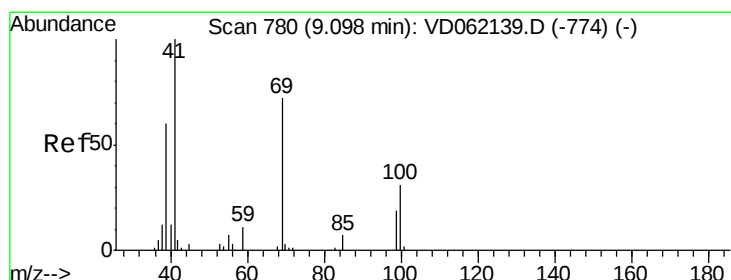
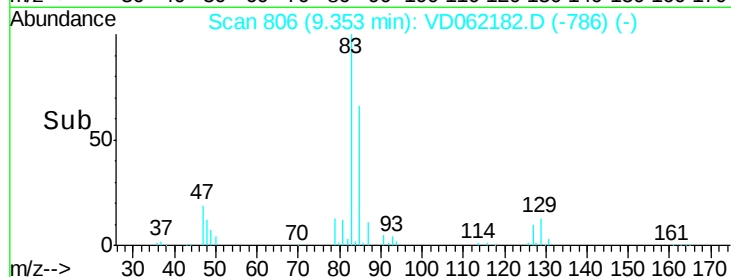
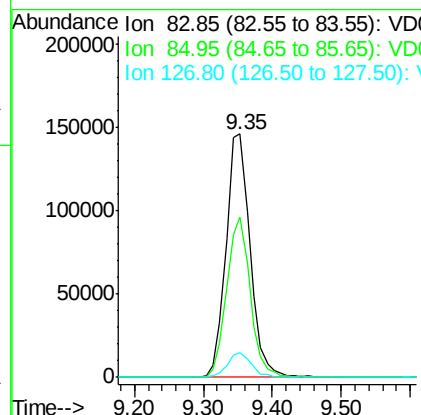
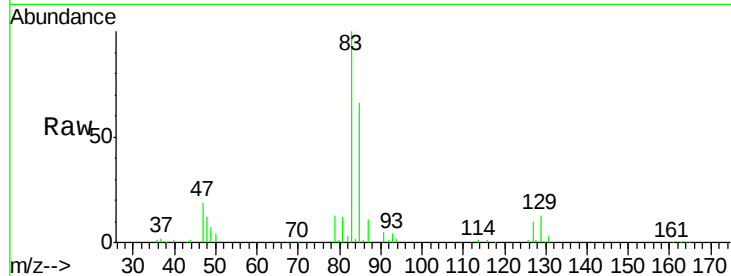
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	83	Resp:	353653
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.9	76.3
127	10.4	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 73.488 ug/l

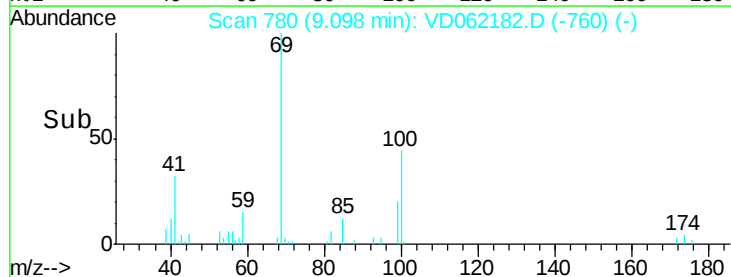
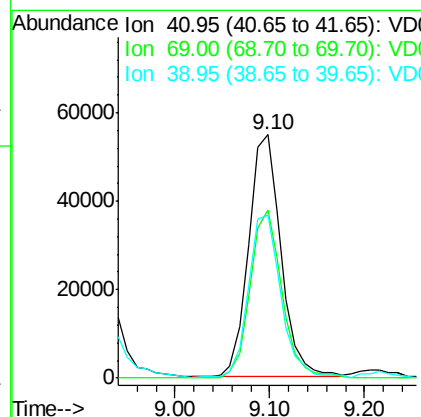
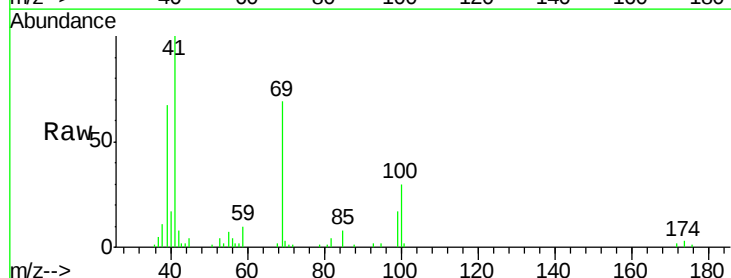
RT: 9.10 min Scan# 780

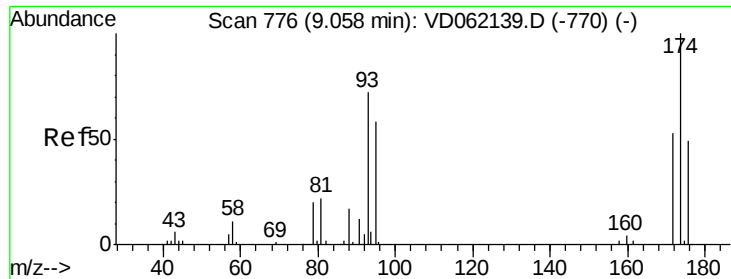
Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	41	Resp:	130119
Ion Ratio	Lower	Upper	
41	100		
69	68.9	64.2	96.2
39	67.1	46.8	70.2





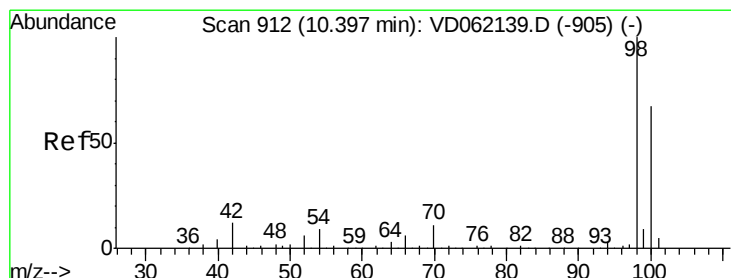
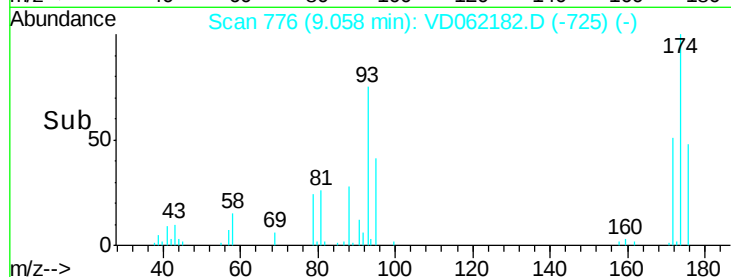
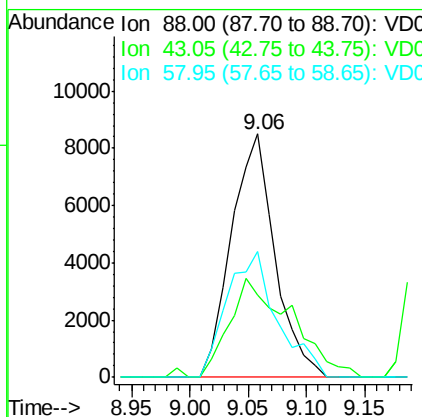
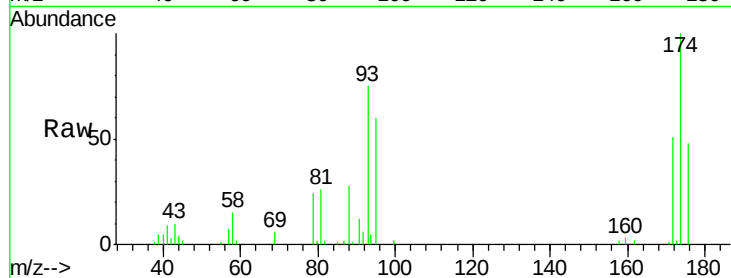
#49
1,4-Dioxane
Concen: 1149.434 ug/l
RT: 9.06 min Scan# 776
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	23.4	35.0
58	51.7	44.0	66.0

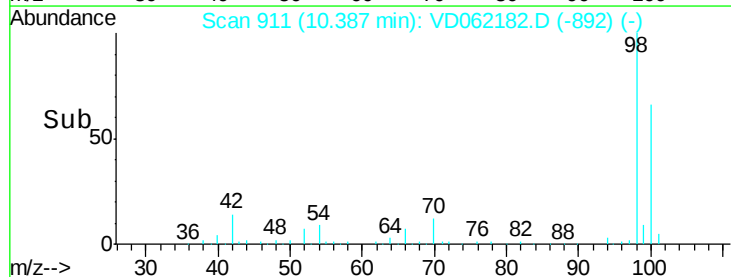
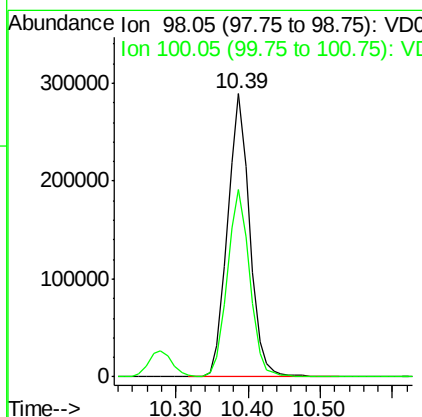
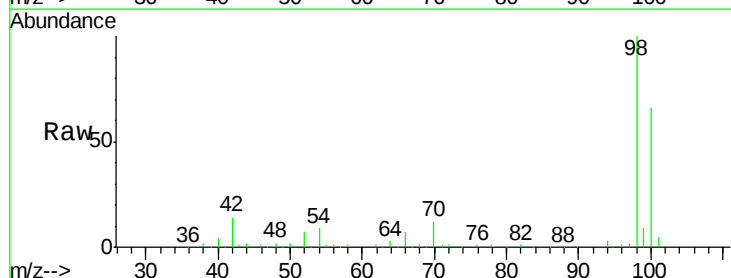
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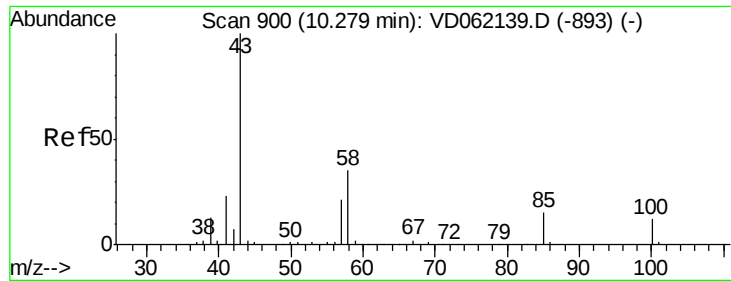
MMDadoda
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#50
Toluene-d8
Concen: 52.954 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.8	80.8





#51

4-Methyl-2-Pentanone

Concen: 283.168 ug/l

RT: 10.28 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 43 Resp: 523240

Ion Ratio Lower Upper

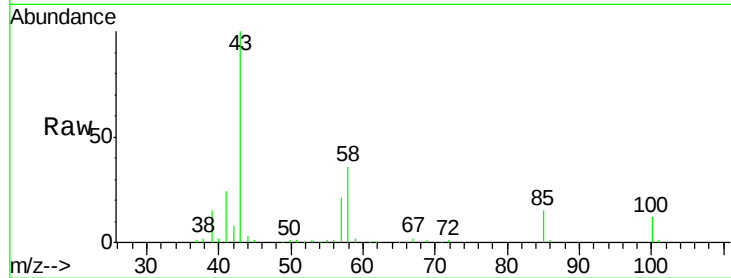
43 100

58 36.3 30.4 45.6

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

250000

200000

150000

100000

50000

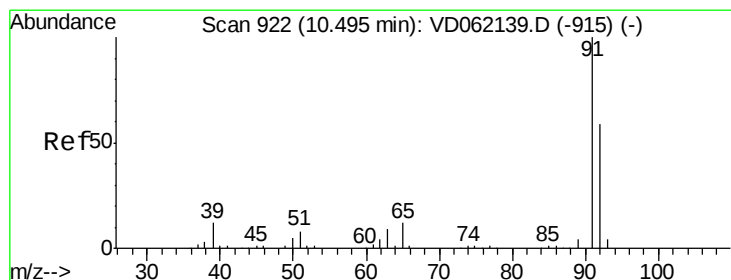
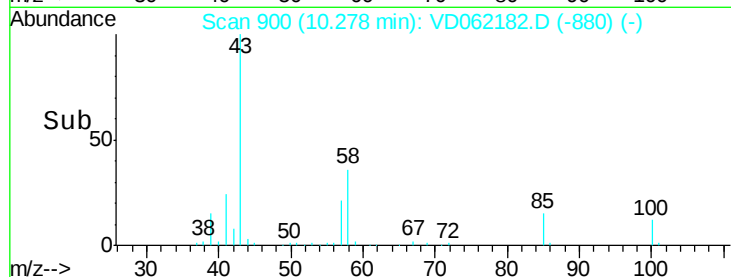
0

10.20

10.30

10.40

Time-->



#52

Toluene

Concen: 56.388 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD062182.D

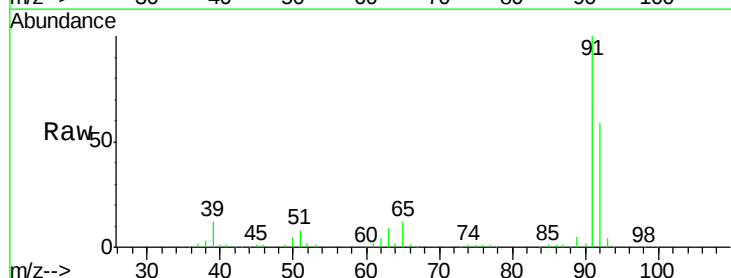
Acq: 8 May 2019 18:59

Tgt Ion: 92 Resp: 395962

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

200000

100000

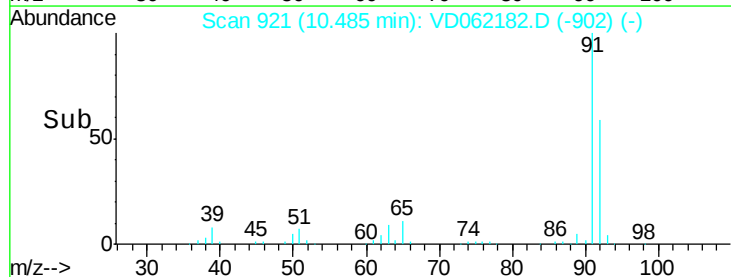
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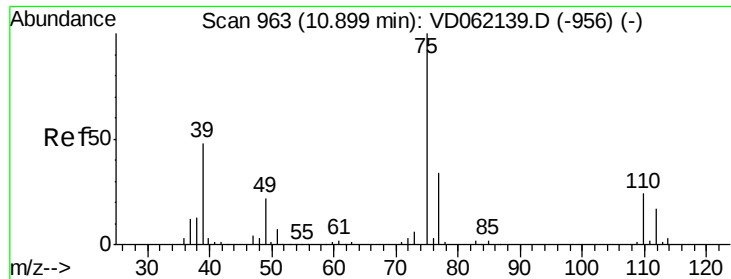
10.40

10.50

10.60

Time-->





#53

t-1,3-Dichloropropene

Concen: 59.003 ug/l

RT: 10.89 min Scan# 962

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tot Ion: 75 Resp: 270782

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8

Instrument :

MSVOA_D

ClientSampleId :

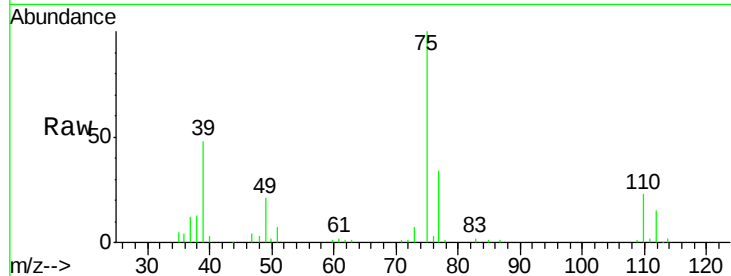
P026-SS002-1218-01MS

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Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.89

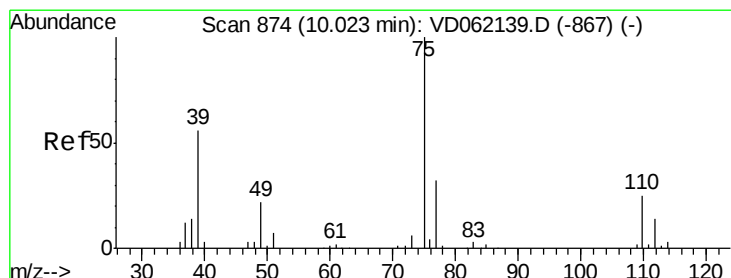
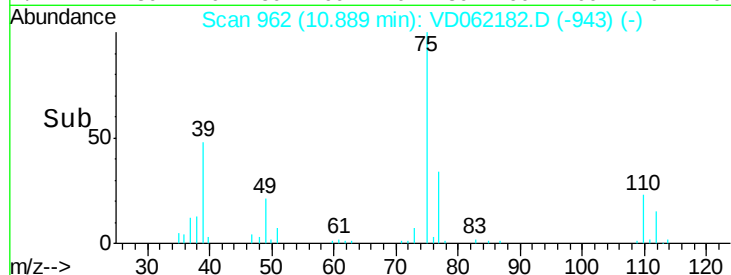
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 59.051 ug/l

RT: 10.01 min Scan# 873

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

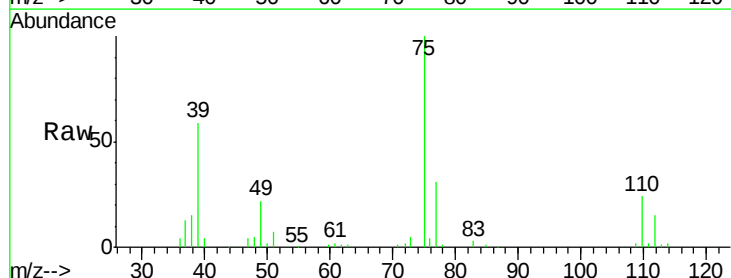
Tgt Ion: 75 Resp: 295643

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 58.8 39.4 59.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

10.01

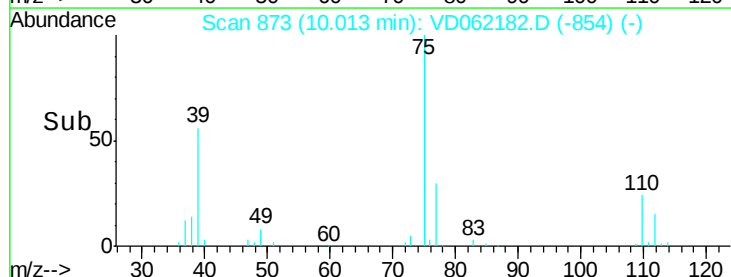
150000

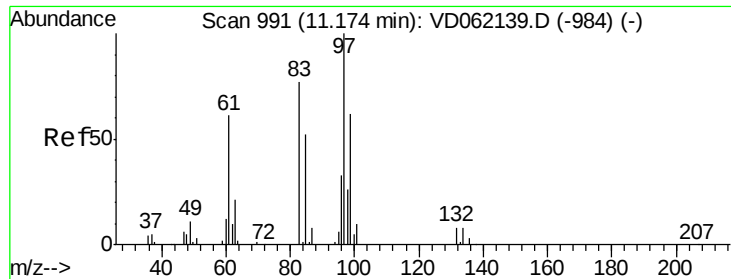
100000

50000

0

Time-->





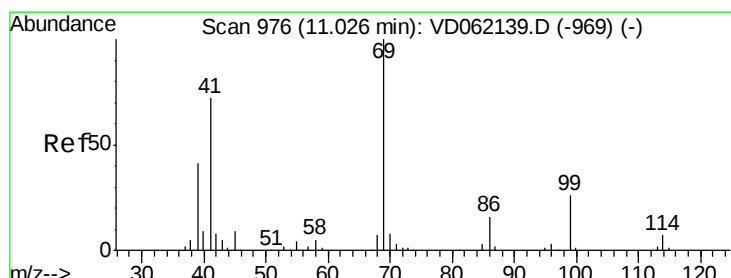
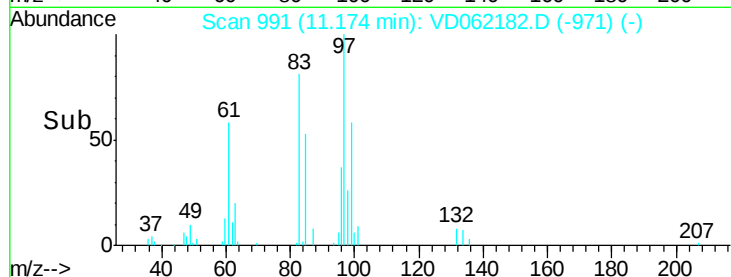
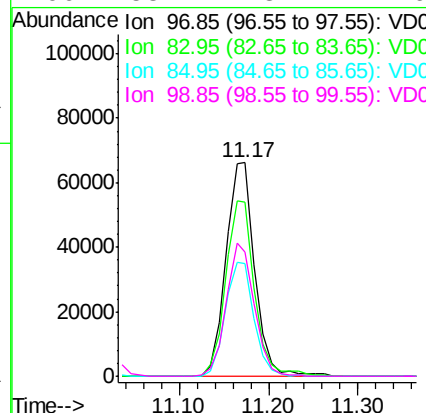
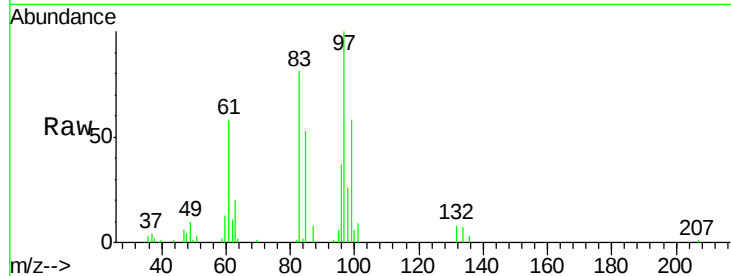
#55
 1,1,2-Trichloroethane
 Concen: 60.556 ug/l
 RT: 11.17 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion:	97	Resp:	150456
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.7	98.5
85	53.0	45.6	68.4
99	58.1	48.4	72.6

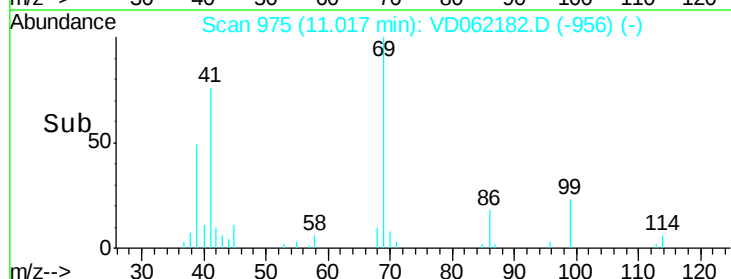
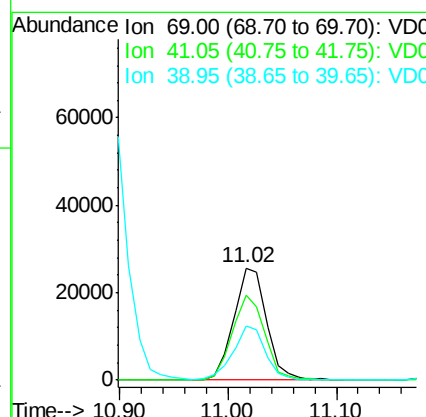
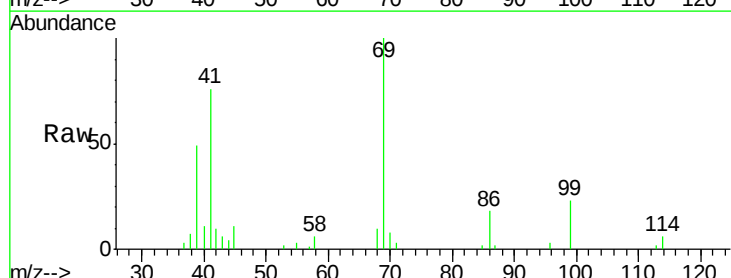
Manual Integrations
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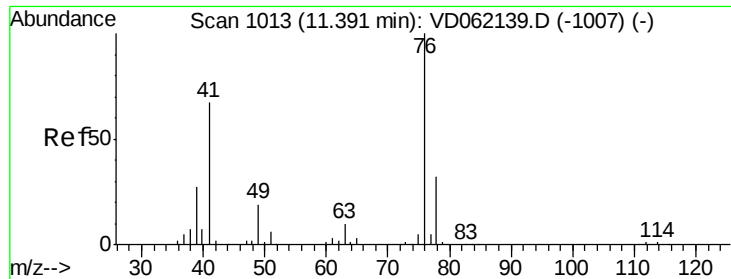
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#56
 Ethyl methacrylate
 Concen: 20.871 ug/l
 RT: 11.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion:	69	Resp:	53885
Ion	Ratio	Lower	Upper
69	100		
41	75.9	56.3	84.5
39	48.9	29.4	44.2#





#57

1,3-Dichloropropane

Concen: 61.207 ug/l

RT: 11.39 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion: 76 Resp: 229743

Ion Ratio Lower Upper

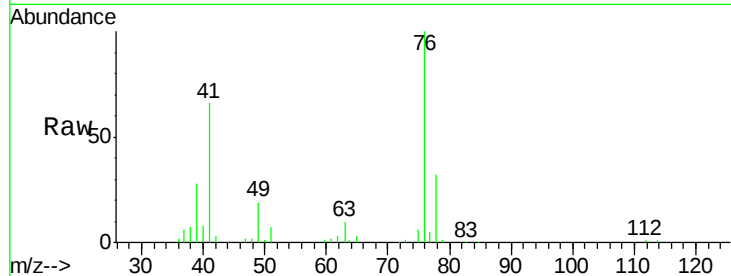
76 100

78 32.5 26.2 39.2

Manual Integrations
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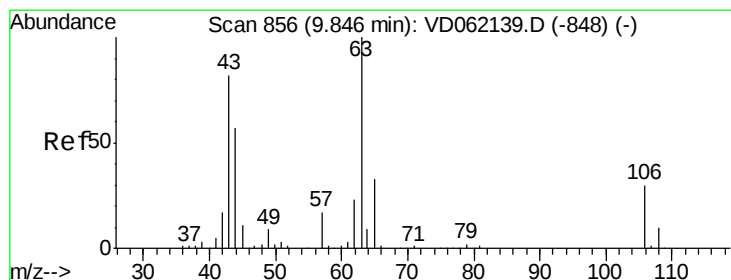
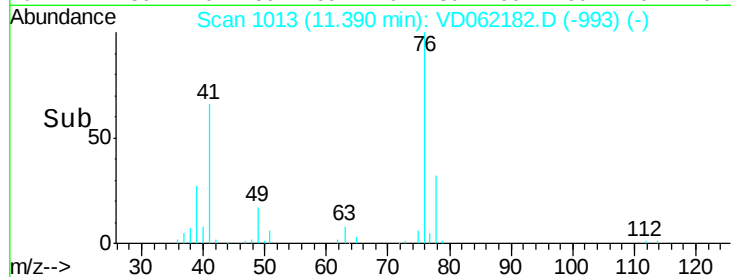
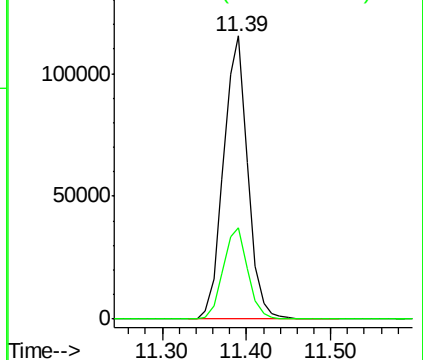
MMDadoda

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Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 316.890 ug/l

RT: 9.84 min Scan# 855

Delta R.T. -0.01 min

Lab File: VD062182.D

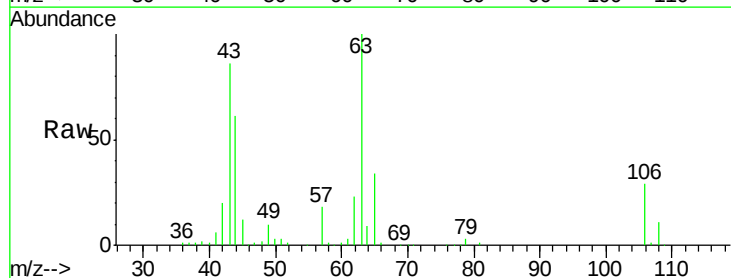
Acq: 8 May 2019 18:59

Tgt Ion: 63 Resp: 446905

Ion Ratio Lower Upper

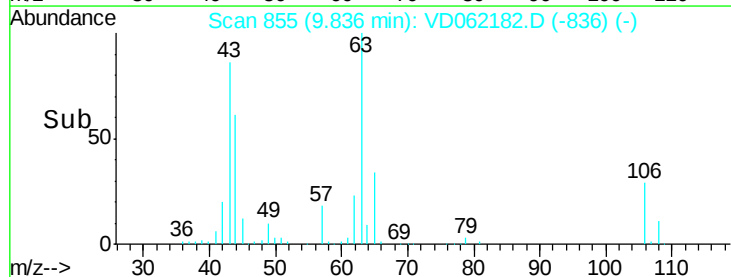
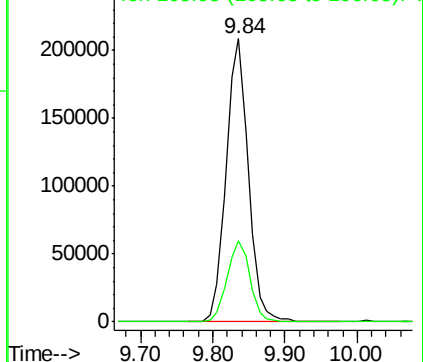
63 100

106 28.8 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





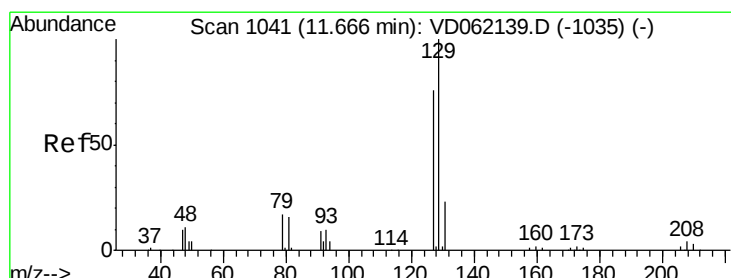
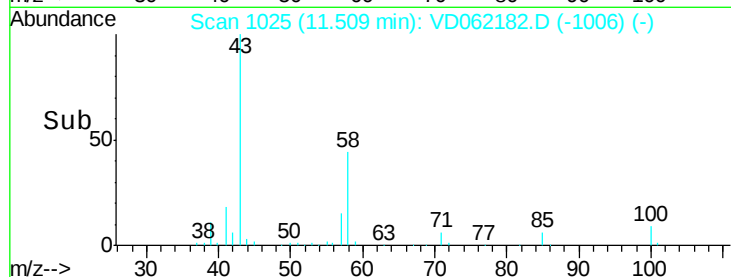
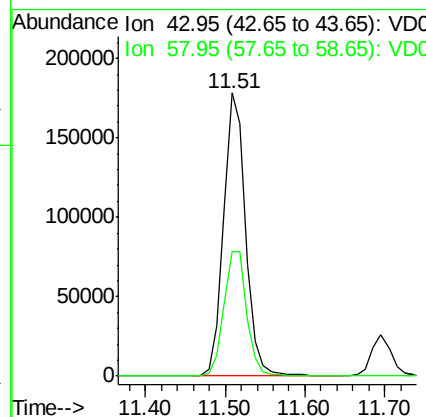
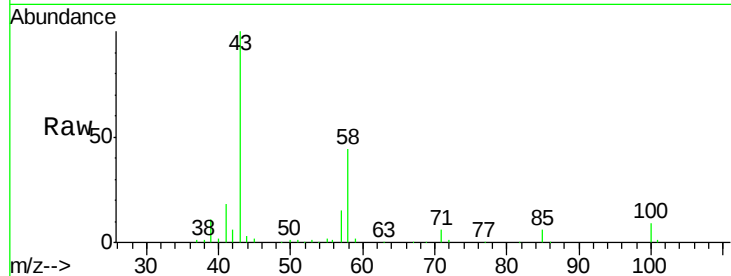
#59
2-Hexanone
Concen: 255.617 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 348126
Ion Ratio Lower Upper
43 100
58 44.0 25.4 76.4

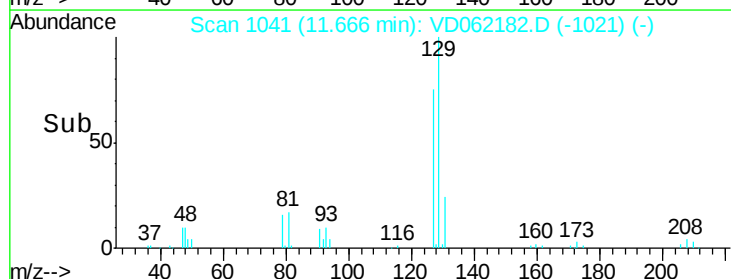
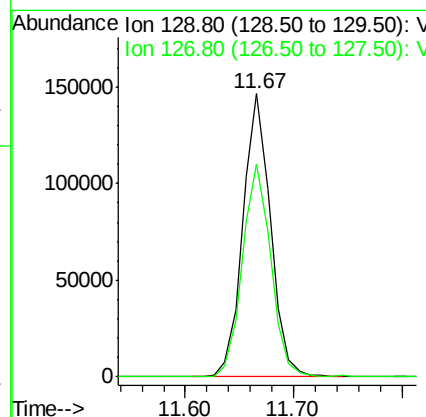
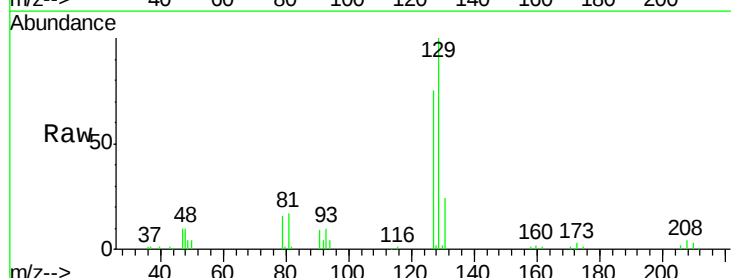
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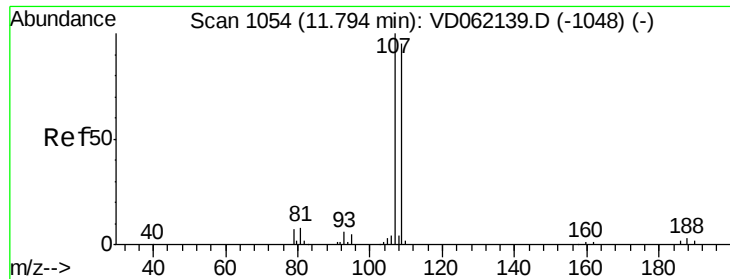
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#60
Dibromochloromethane
Concen: 60.298 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 129 Resp: 258908
Ion Ratio Lower Upper
129 100
127 75.4 38.0 113.9





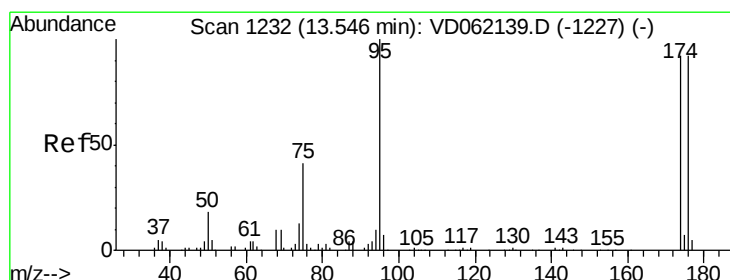
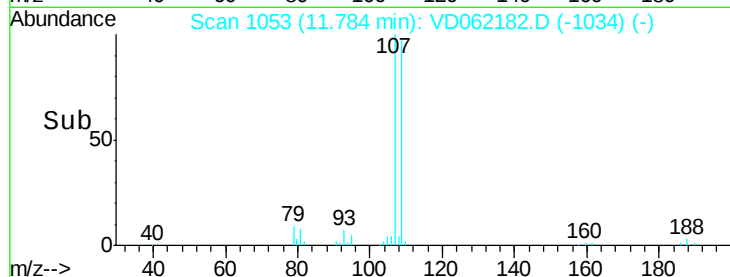
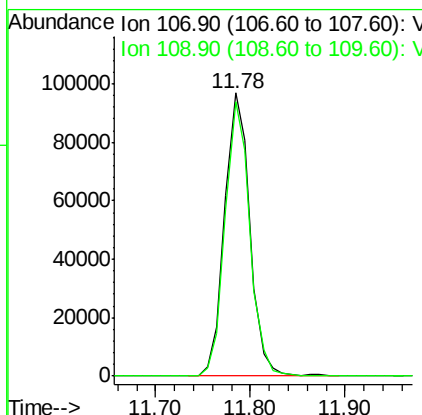
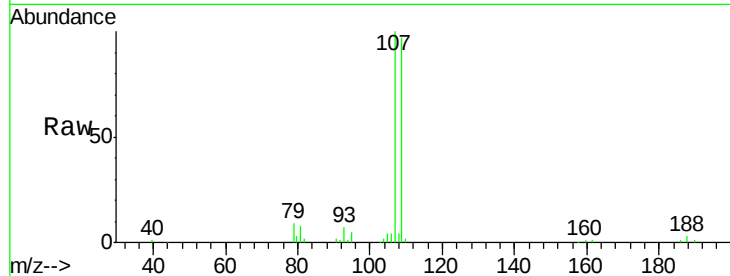
#61
 1,2-Dibromoethane
 Concen: 59.320 ug/l
 RT: 11.78 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	78.3	117.5

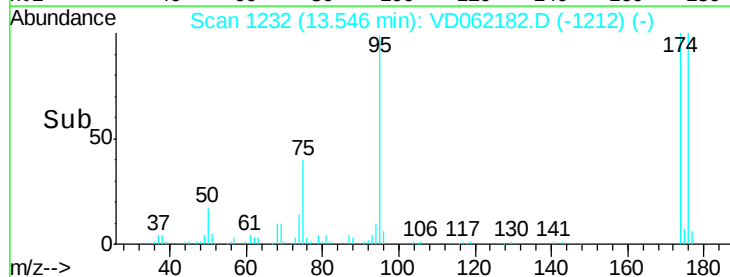
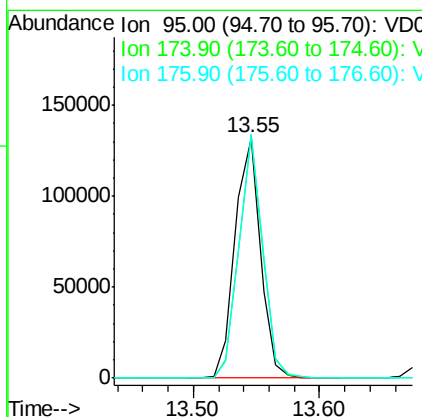
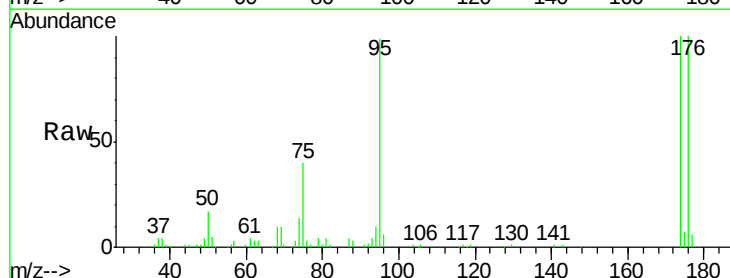
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#62
 4-Bromofluorobenzene
 Concen: 39.168 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.5	0.0	181.8
176	101.3	0.0	174.4





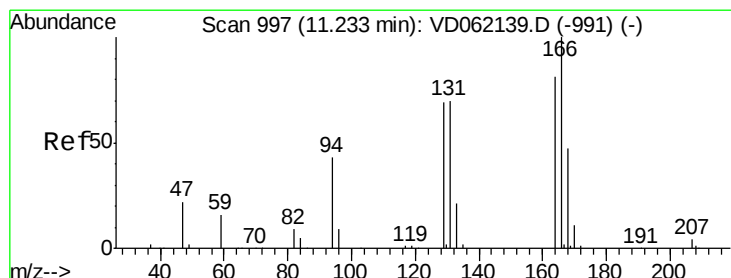
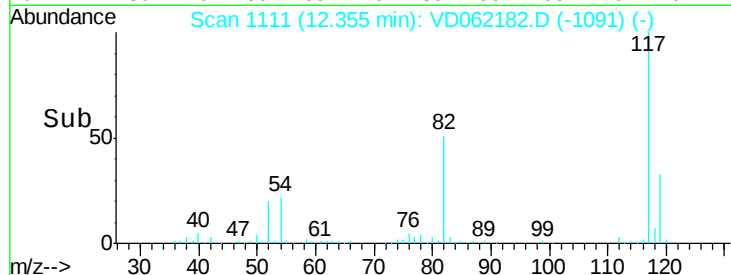
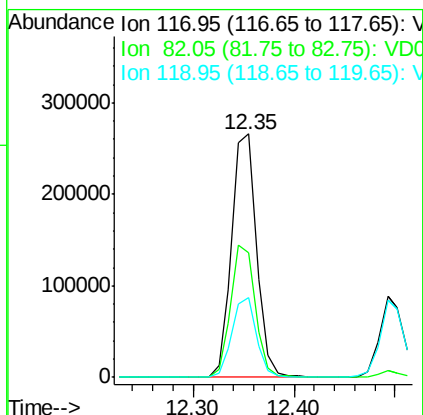
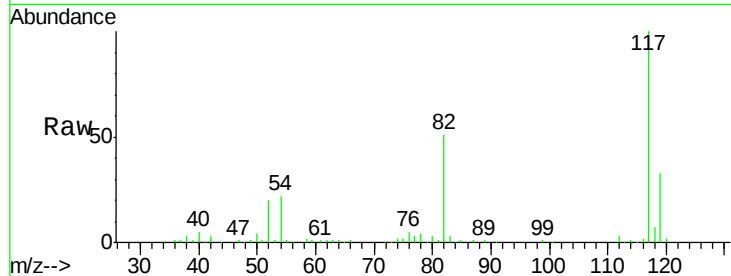
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	455140		
82	51.3	36.2	54.2	
119	32.9	26.2	39.4	

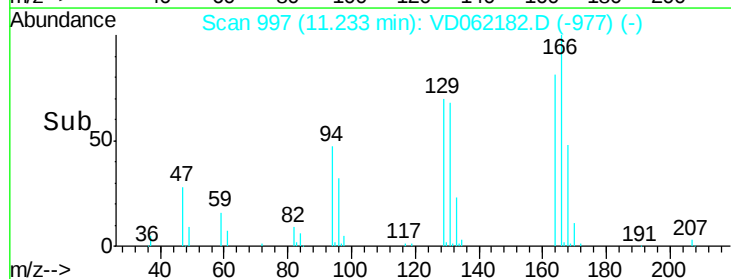
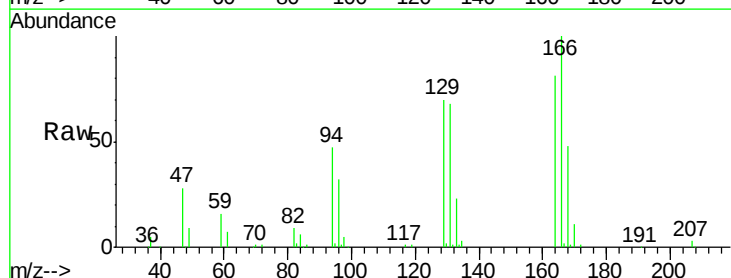
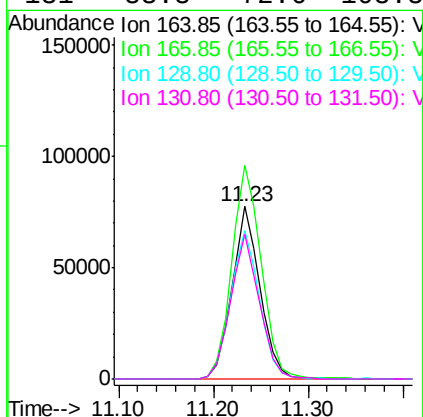
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#64
Tetrachloroethene
Concen: 44.588 ug/l
RT: 11.23 min Scan# 997
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158689		
166	123.7	101.5	152.3	
129	86.2	74.6	112.0	
131	83.8	72.6	108.8	





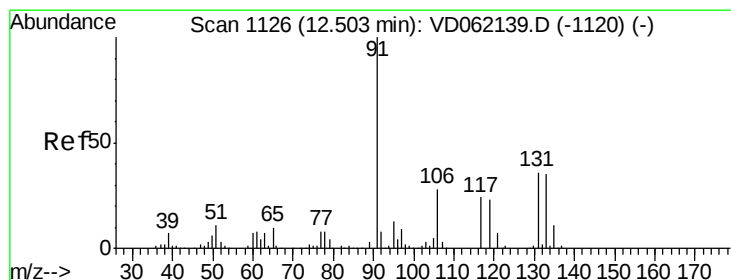
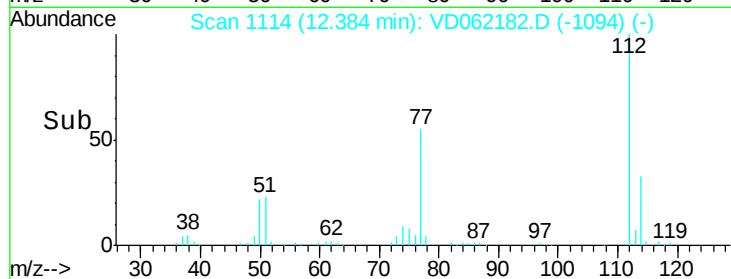
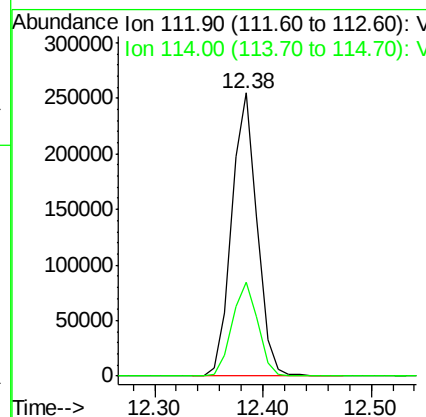
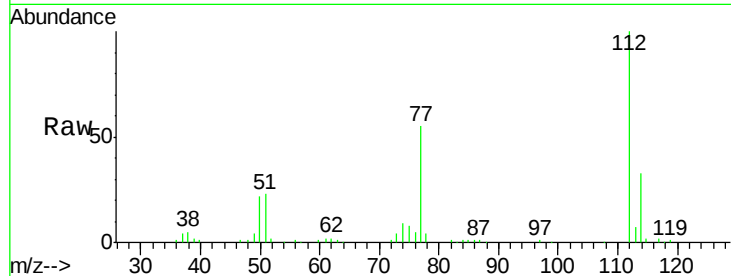
#65
Chlorobenzene
Concen: 49.023 ug/l
RT: 12.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion:112 Resp: 415573
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.8

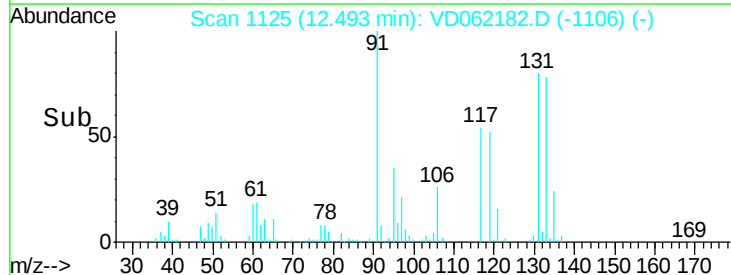
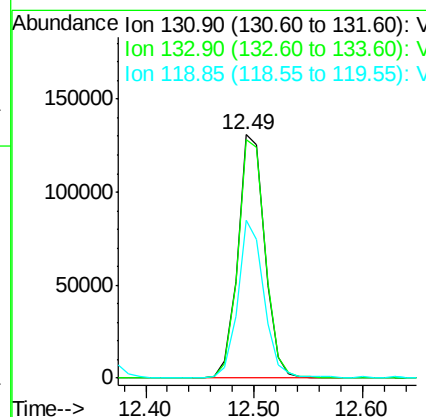
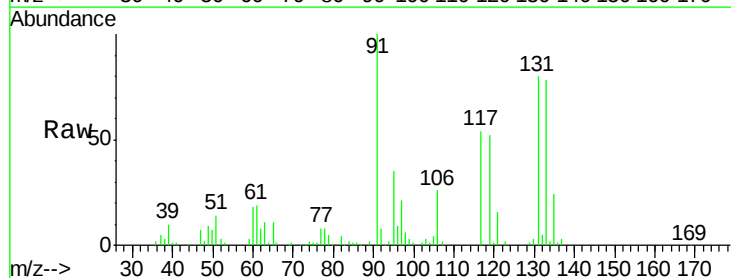
Manual Integrations
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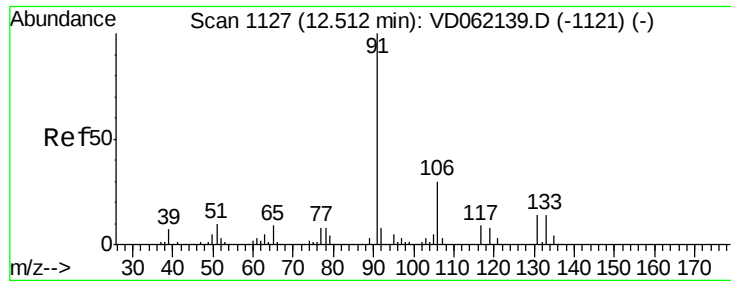
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#66
1,1,1,2-Tetrachloroethane
Concen: 61.416 ug/l
RT: 12.49 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion:131 Resp: 226585
Ion Ratio Lower Upper
131 100
133 97.7 48.6 145.8
119 64.6 34.7 104.1





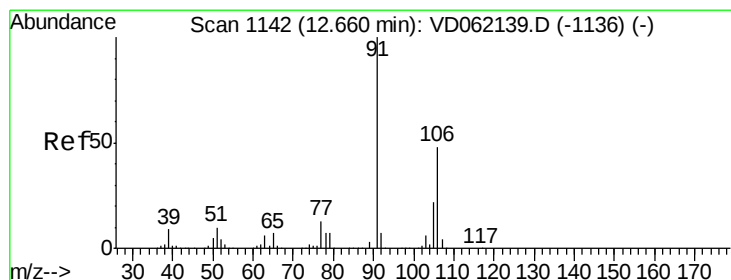
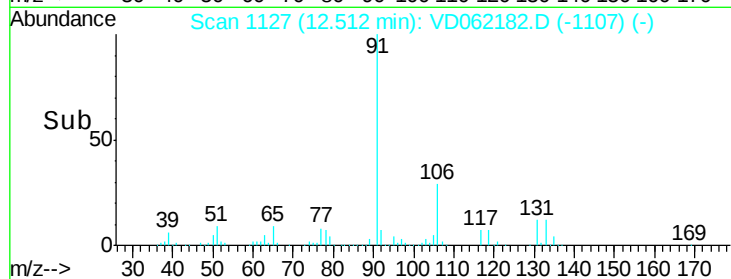
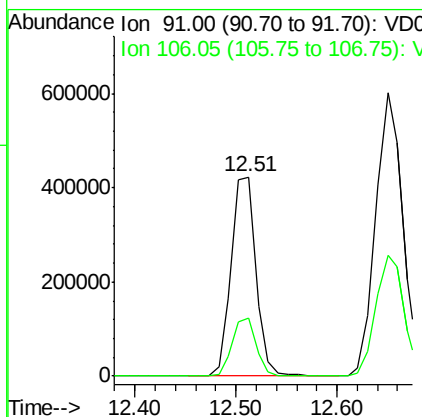
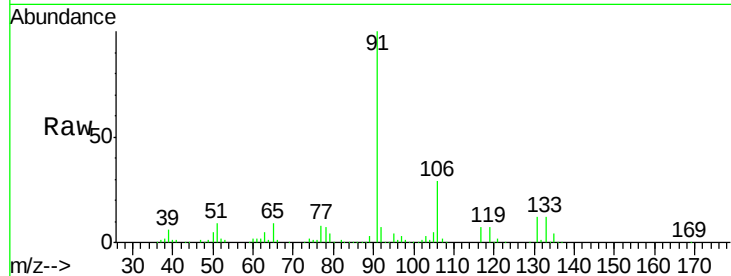
#67
Ethyl Benzene
Concen: 50.808 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 91 Resp: 721071
Ion Ratio Lower Upper
91 100
106 28.9 24.7 37.1

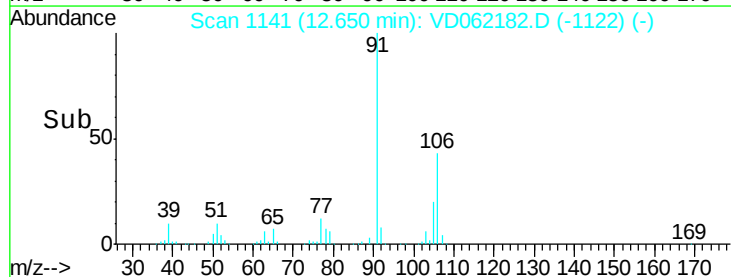
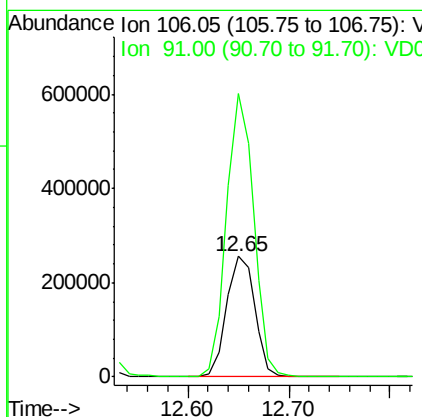
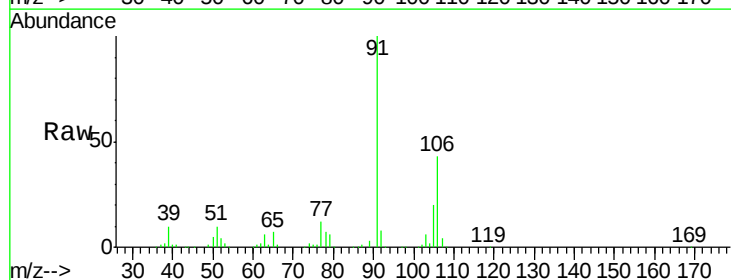
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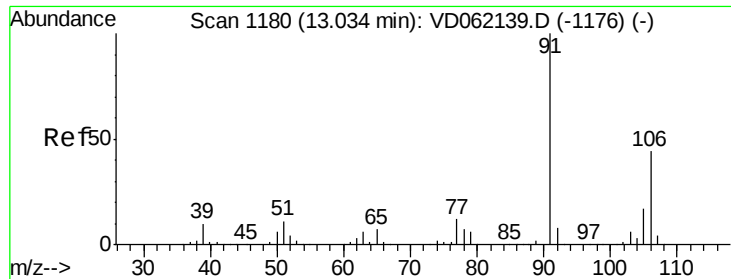
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#68
m/p-Xylenes
Concen: 96.510 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 106 Resp: 498317
Ion Ratio Lower Upper
106 100
91 235.1 164.0 246.0





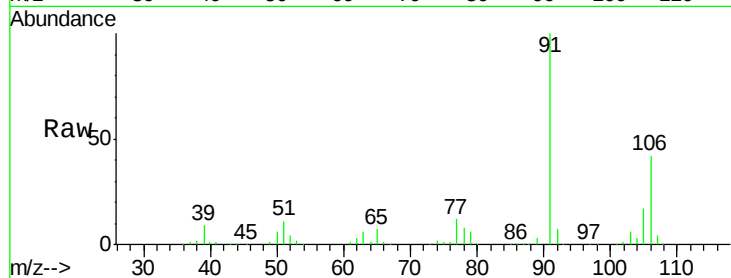
#69
o-Xylene
Concen: 50.548 ug/l
RT: 13.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

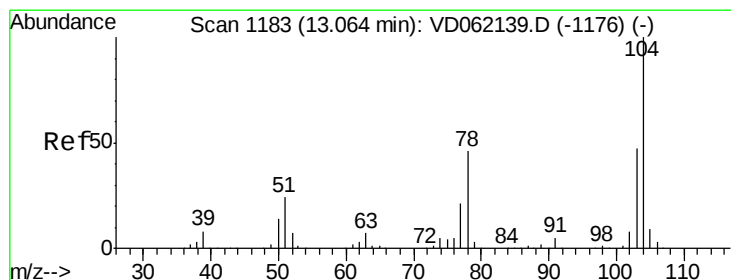
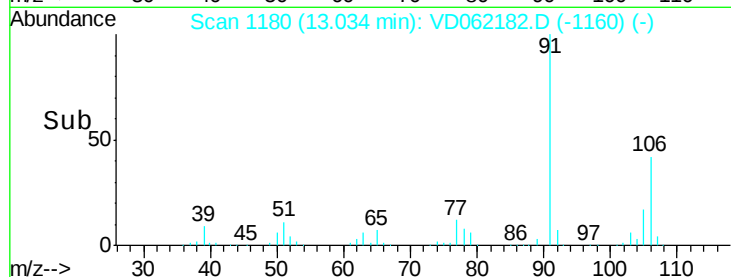
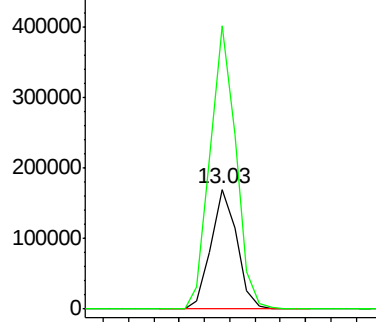
Tot Ion:106 Resp: 242647
Ion Ratio Lower Upper
106 100
91 236.0 106.7 319.9

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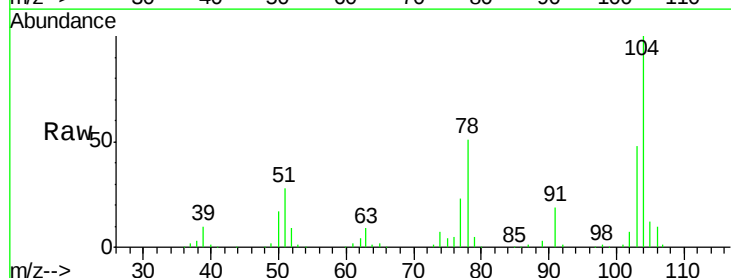


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

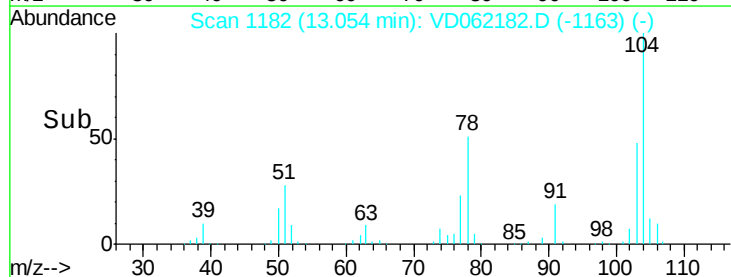
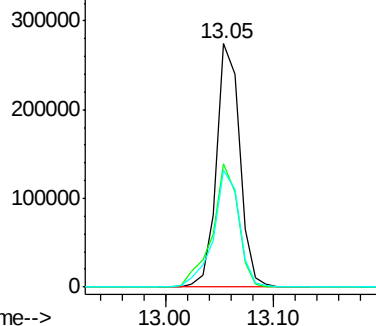


#70
Styrene
Concen: 50.436 ug/l
RT: 13.05 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion:104 Resp: 410137
Ion Ratio Lower Upper
104 100
78 50.6 35.4 53.2
103 48.3 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





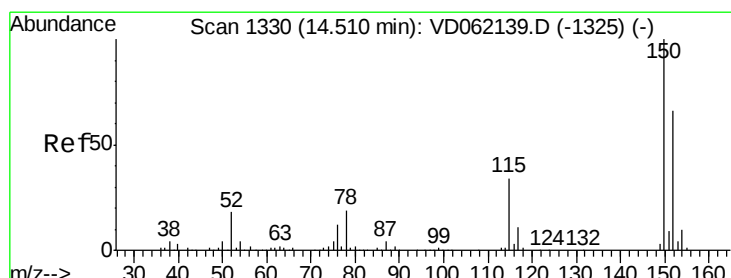
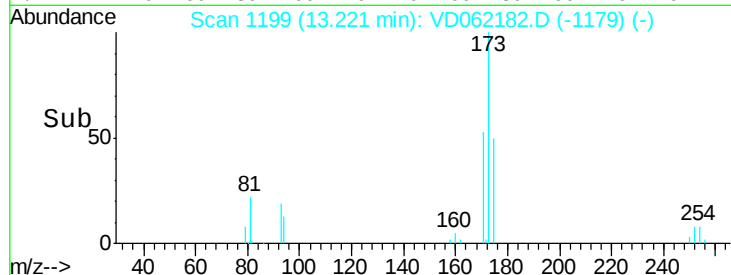
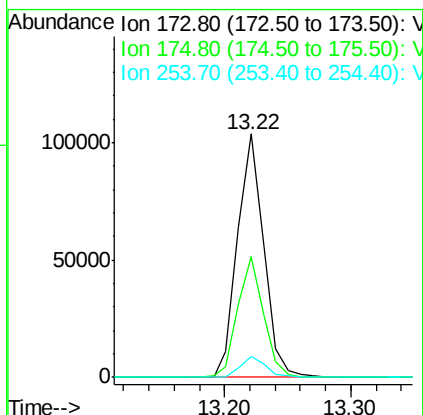
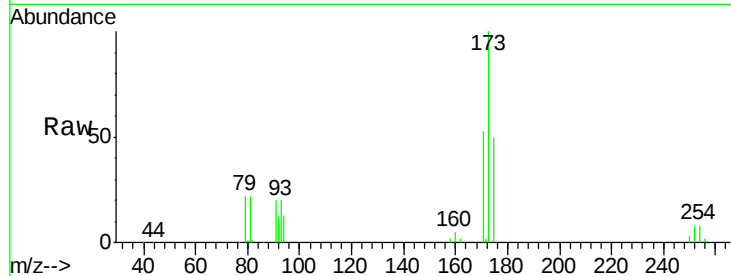
#71
Bromoform
Concen: 58.001 ug/l
RT: 13.22 min Scan# 1199
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.4	73.4
254	8.4	5.4	8.2

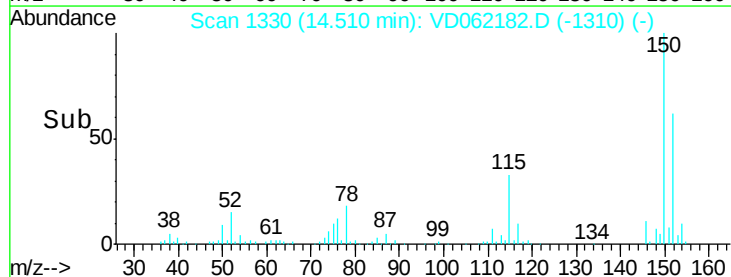
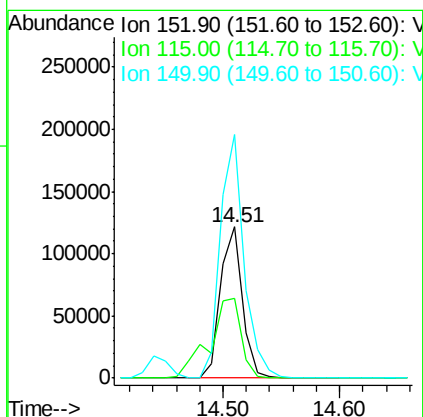
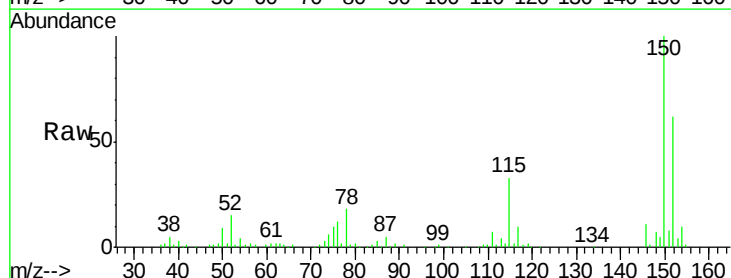
Manual Integrations
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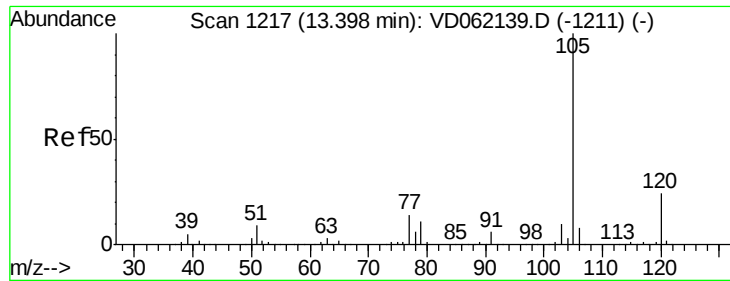
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	30.9	92.7
150	160.8	0.0	314.8





#73

Isopropylbenzene

Concen: 64.859 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:105 Resp: 615030

Ion Ratio Lower Upper

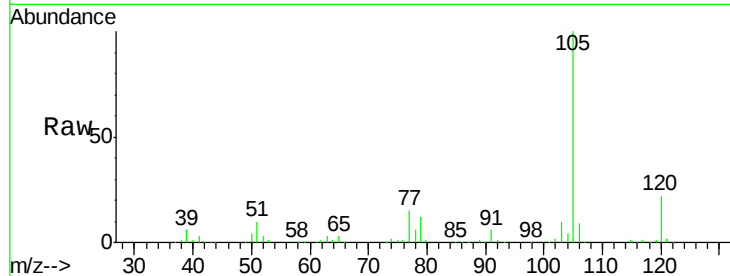
105 100

120 21.8 12.0 36.1

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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.39

400000

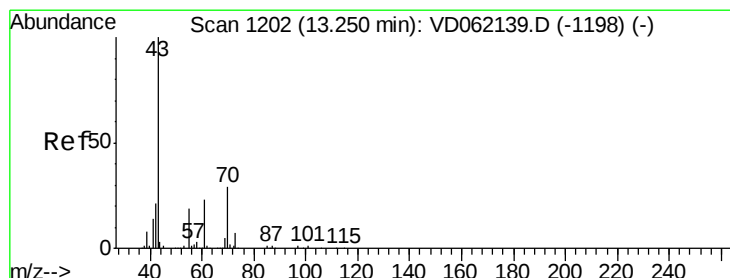
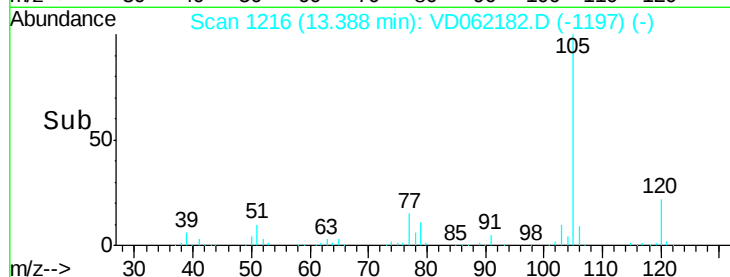
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 11.069 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion: 43 Resp: 27519

Ion Ratio Lower Upper

43 100

70 26.2 24.2 36.4

55 25.3 16.0 24.0#

61 27.5 21.6 32.4

Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

30000

25000

20000

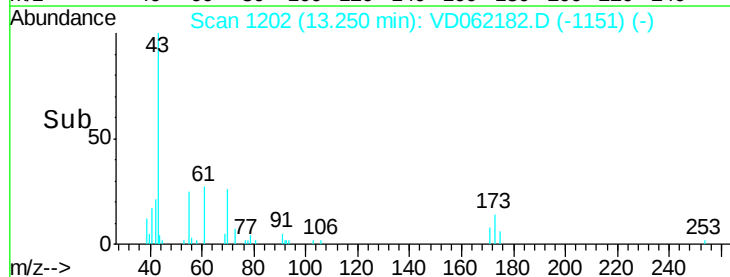
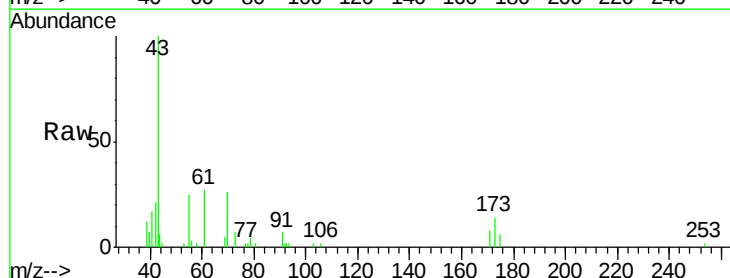
15000

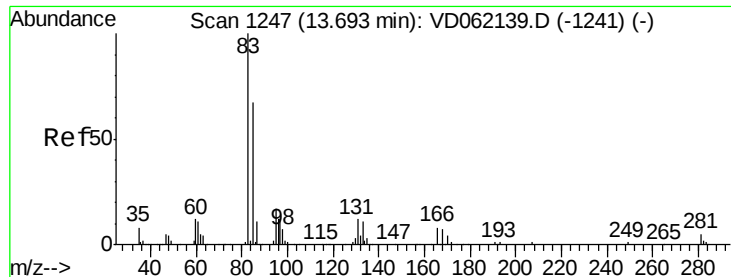
10000

5000

0

Time--> 13.20 13.25 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 87.519 ug/l

RT: 13.68 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

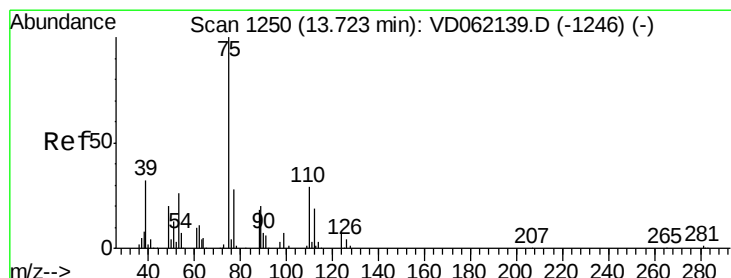
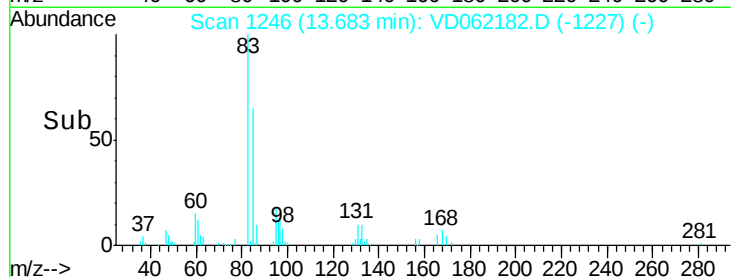
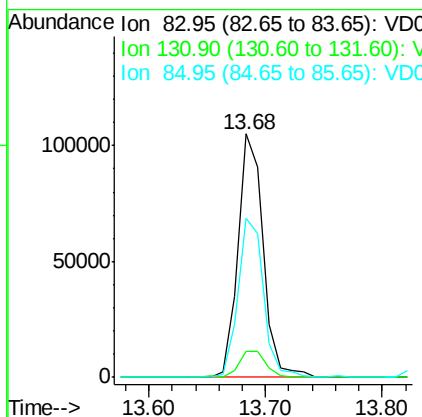
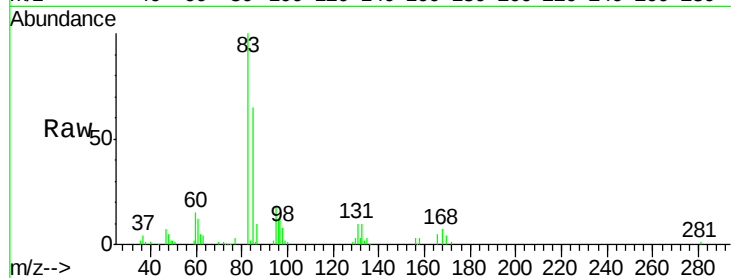
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	83	Resp:	157112
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	65.2	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 84.743 ug/l

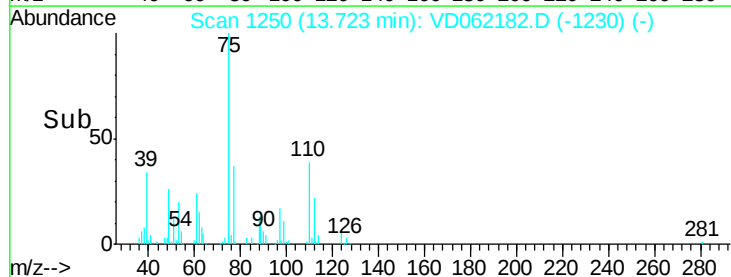
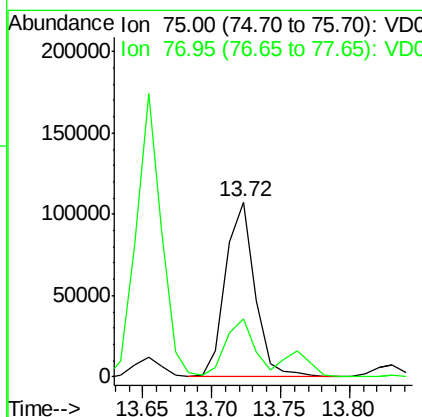
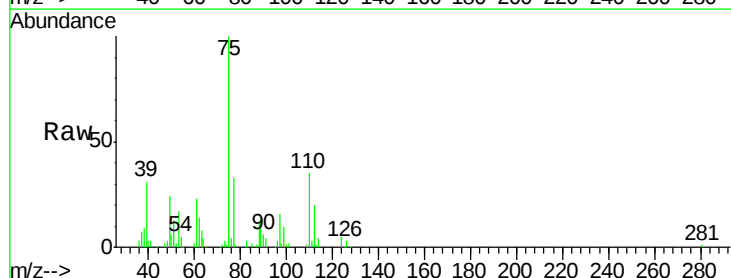
RT: 13.72 min Scan# 1250

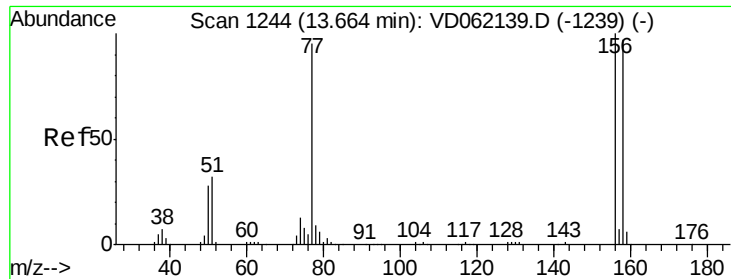
Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	75	Resp:	159316
Ion Ratio	Lower	Upper	
75	100		
77	33.3	16.4	49.4





#77

Bromobenzene

Concen: 70.830 ug/l

RT: 13.65 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

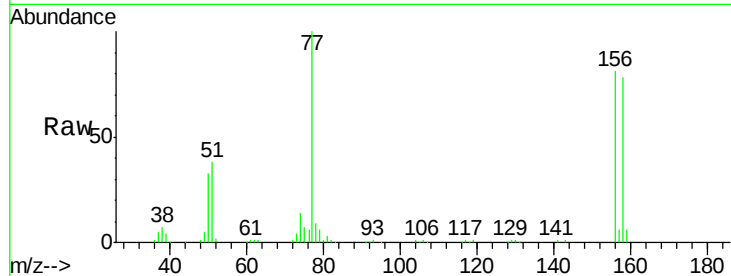
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		188020		
77	124.0	53.1	159.4		
158	97.1	49.4	148.0		

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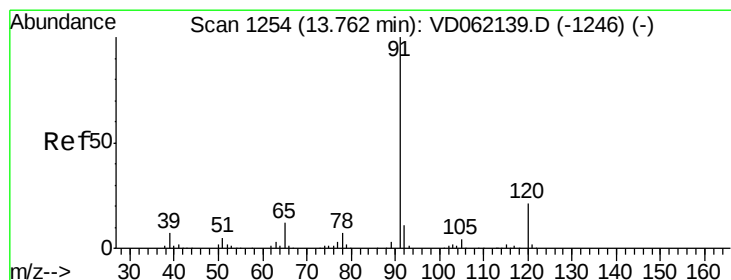
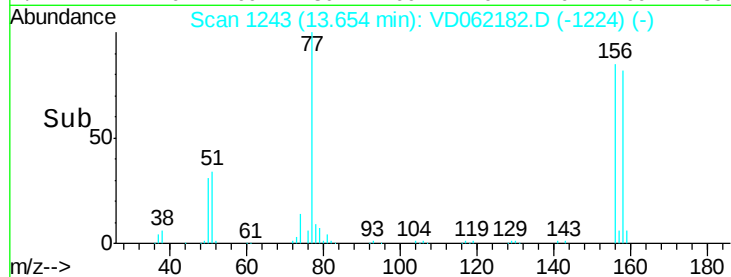
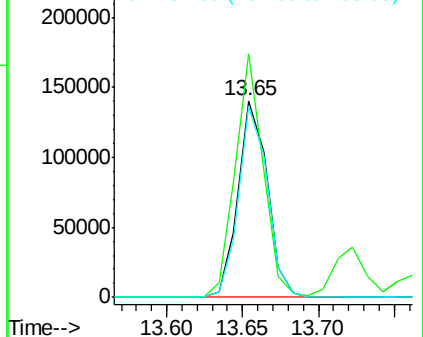
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Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 51.177 ug/l

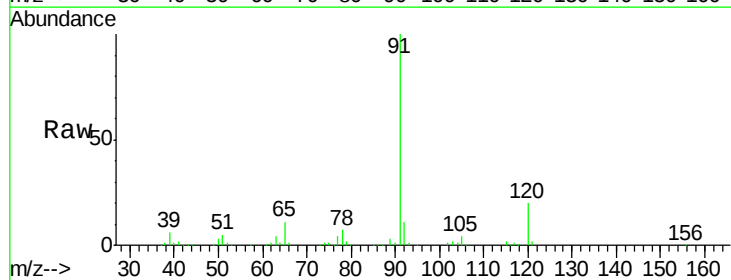
RT: 13.76 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD062182.D

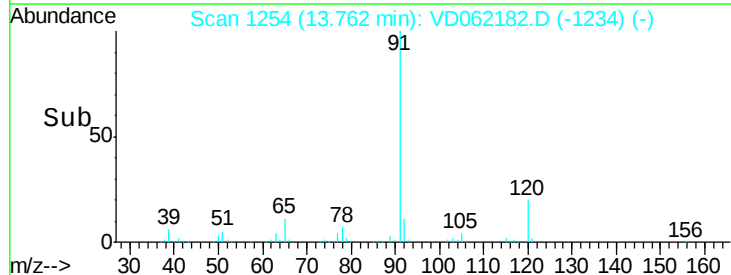
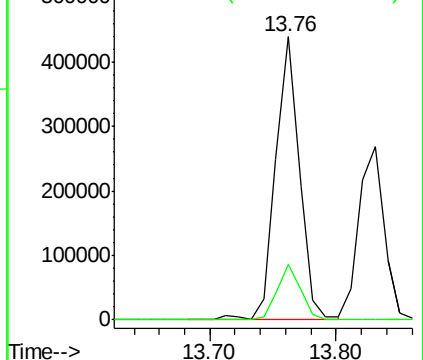
Acq: 8 May 2019 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		578895		
120	19.8	11.1	33.1		



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





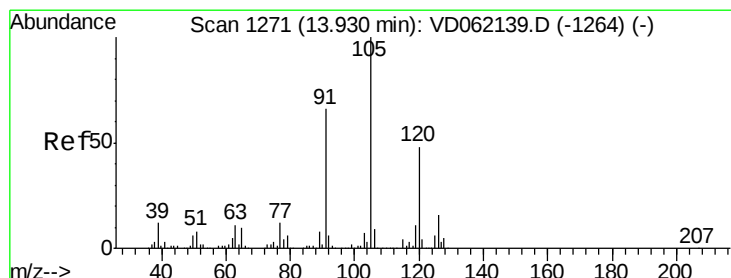
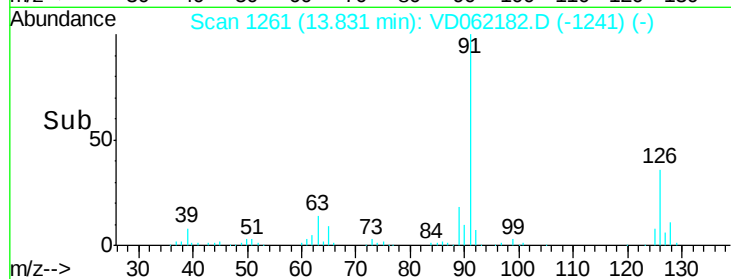
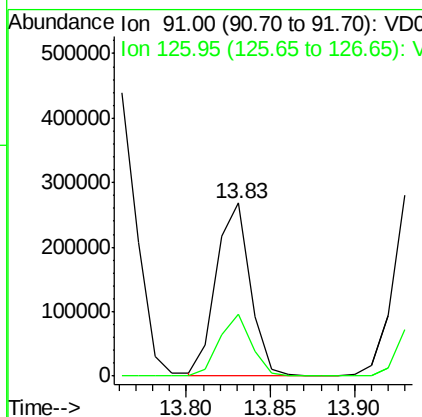
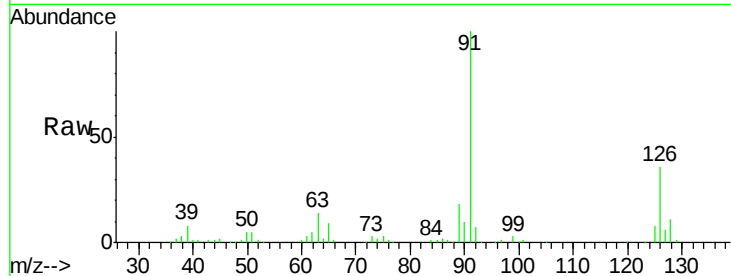
#79
2-Chlorotoluene
Concen: 58.498 ug/l
RT: 13.83 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 91 Resp: 378971
Ion Ratio Lower Upper
91 100
126 35.7 18.6 55.8

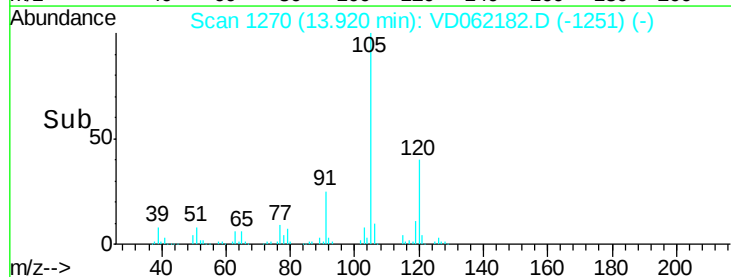
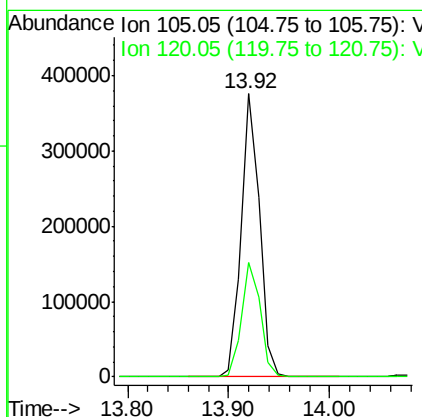
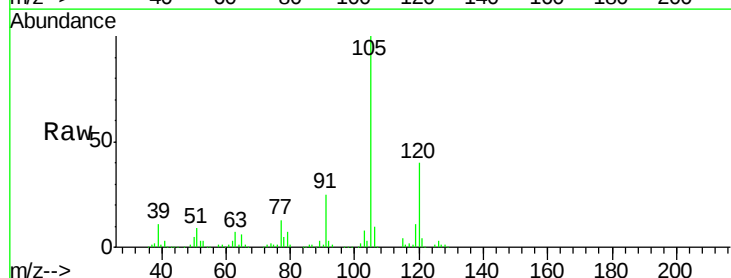
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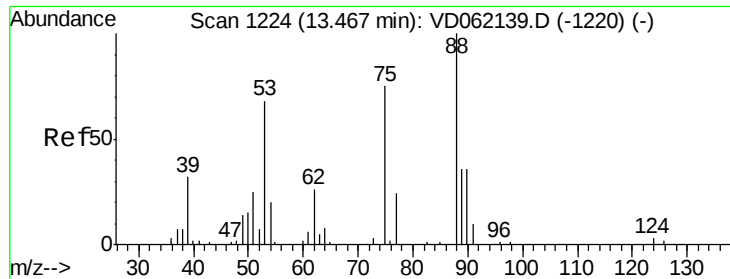
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#80
1,3,5-Trimethylbenzene
Concen: 59.441 ug/l
RT: 13.92 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 105 Resp: 474645
Ion Ratio Lower Upper
105 100
120 40.3 24.0 72.0





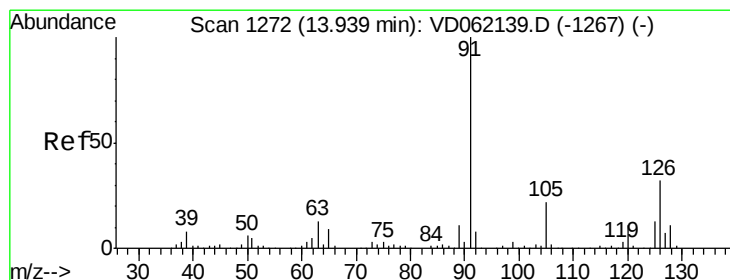
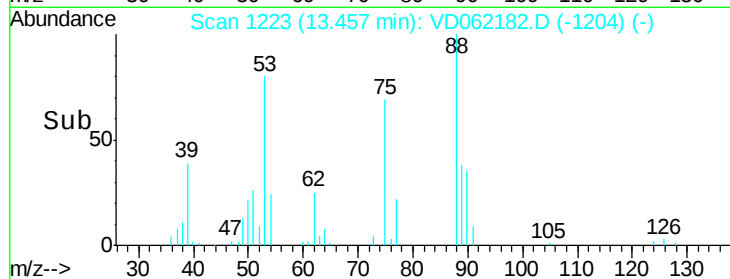
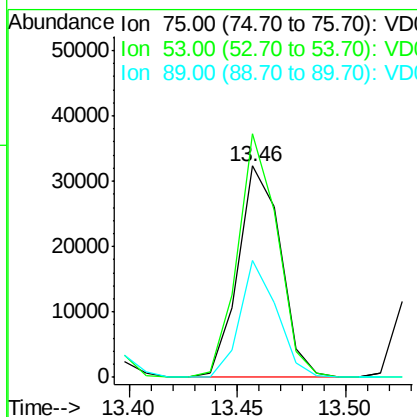
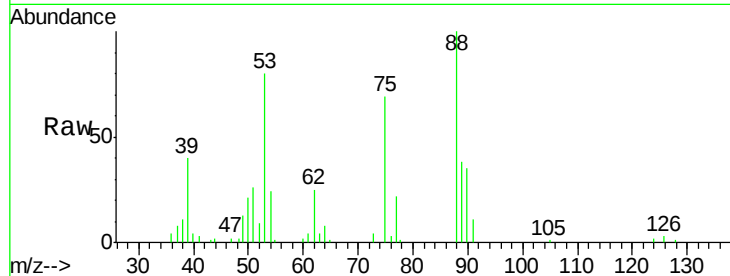
#81
trans-1,4-Dichloro-2-butene
Concen: 83.098 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion: 75 Resp: 44103
Ion Ratio Lower Upper
75 100
53 115.2 65.8 98.8#
89 55.6 35.0 52.6#

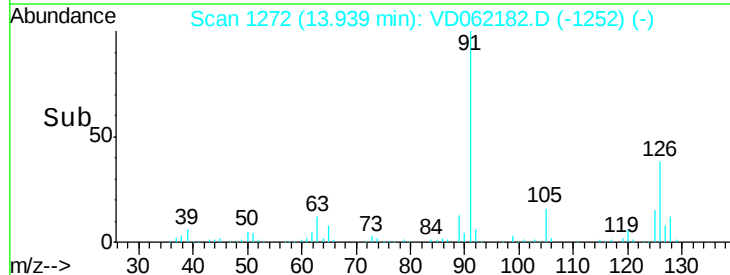
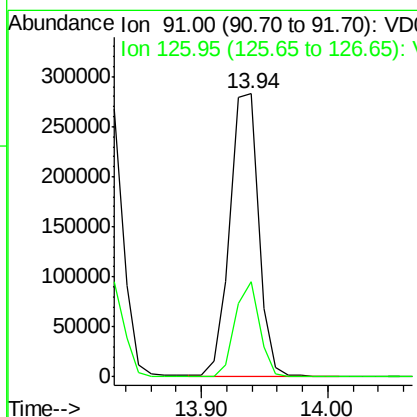
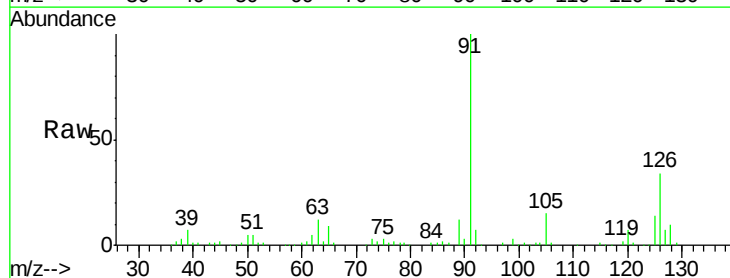
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#82
4-Chlorotoluene
Concen: 58.338 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion: 91 Resp: 444740
Ion Ratio Lower Upper
91 100
126 33.7 19.1 57.5





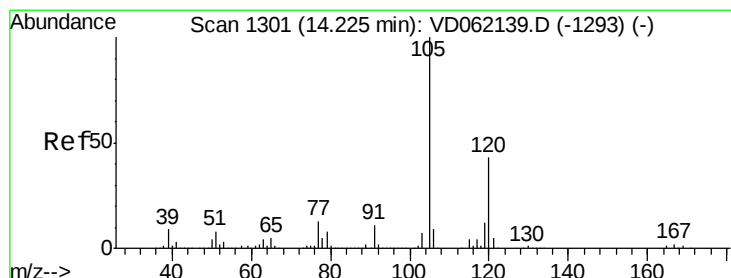
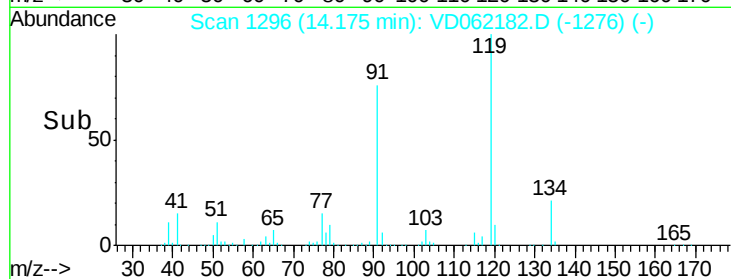
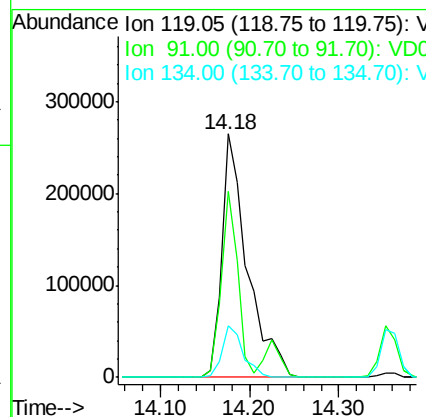
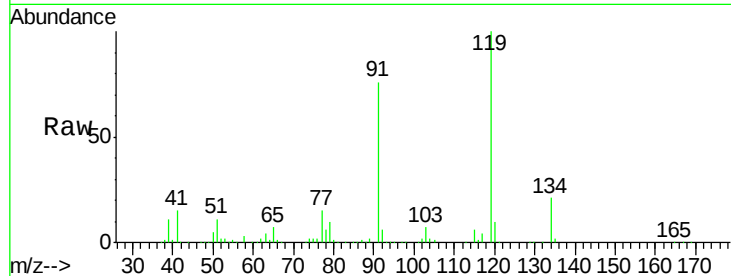
#83
tert-Butylbenzene
Concen: 59.073 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	530192		
91	76.5	34.2	102.6	
134	21.4	12.0	36.0	

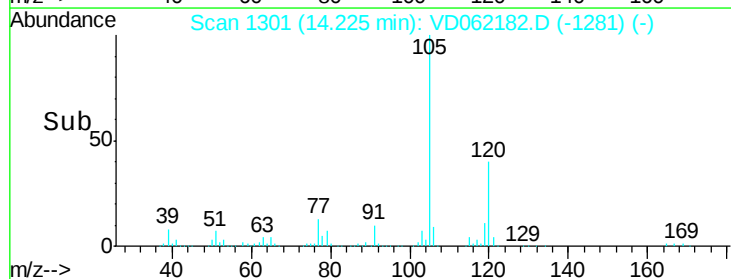
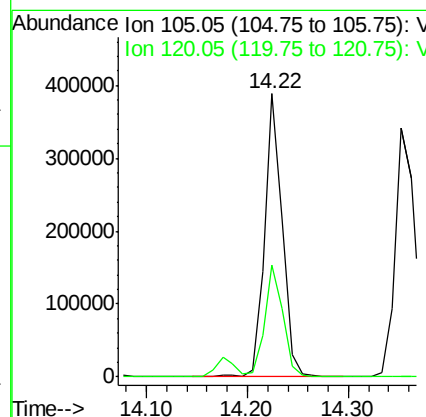
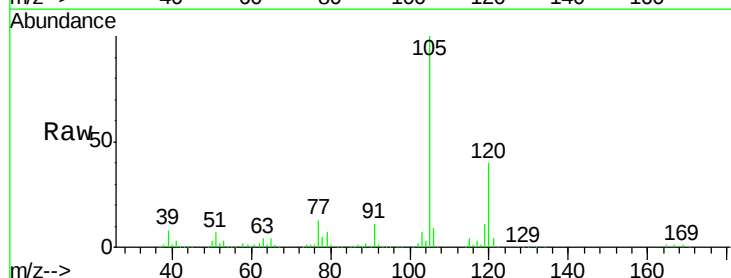
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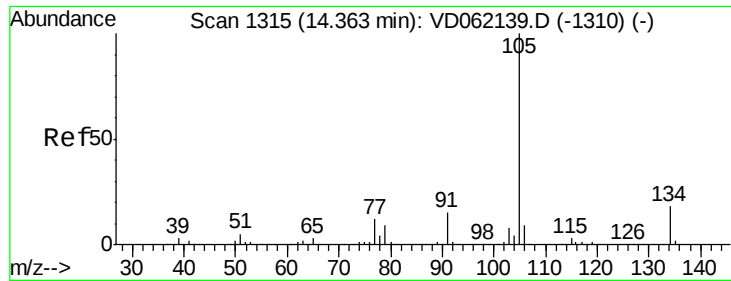
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#84
1,2,4-Trimethylbenzene
Concen: 59.047 ug/l
RT: 14.22 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	473146		
120	39.7	23.1	69.2	





#85

sec-Butylbenzene

Concen: 46.478 ug/l

RT: 14.35 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:105 Resp: 457363

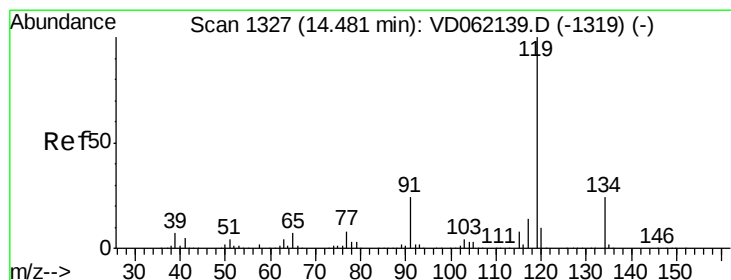
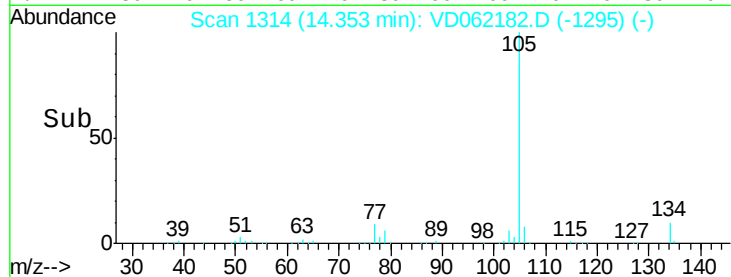
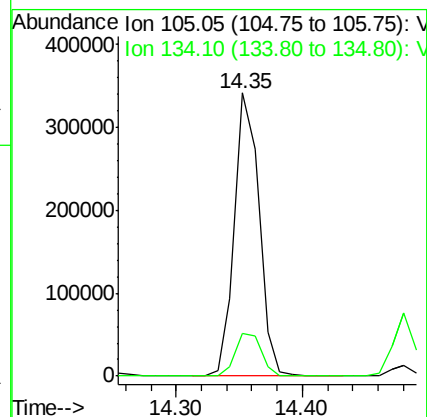
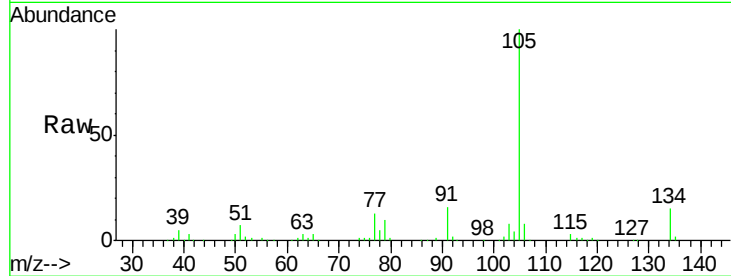
Ion Ratio Lower Upper

105 100

134 15.2 8.9 26.7

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#86

p-Isopropyltoluene

Concen: 45.438 ug/l

RT: 14.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

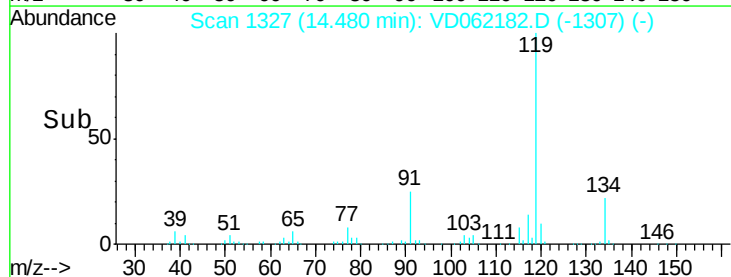
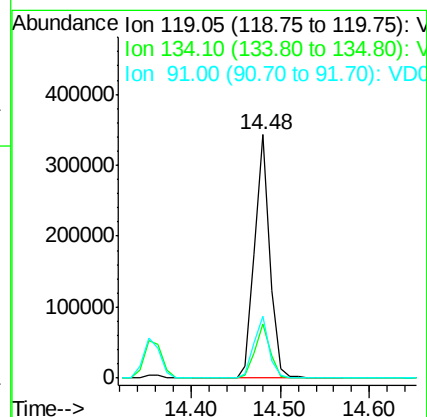
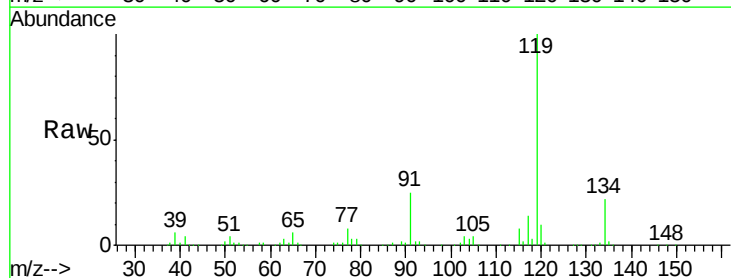
Tgt Ion:119 Resp: 399487

Ion Ratio Lower Upper

119 100

134 22.4 12.8 38.3

91 25.2 10.7 32.1





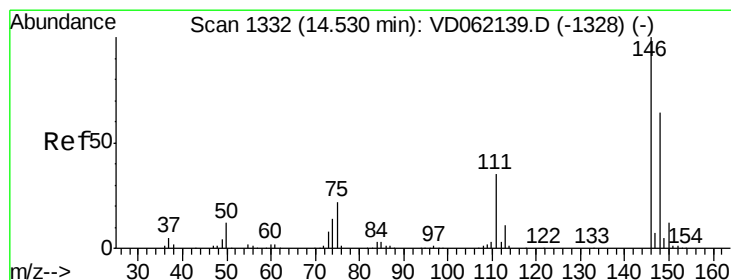
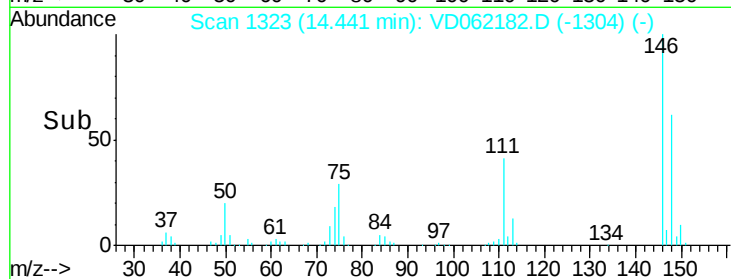
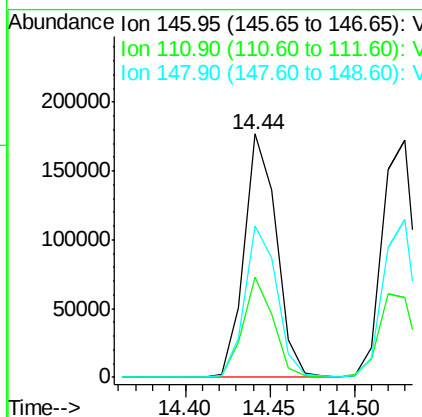
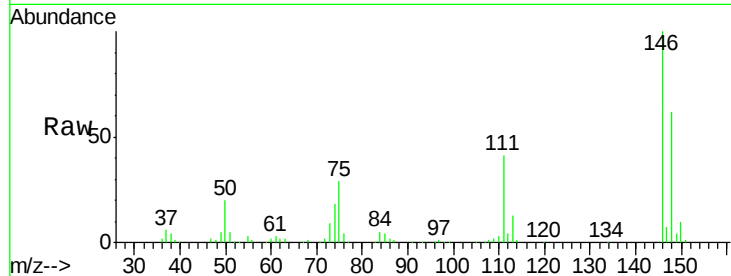
#87
 1,3-Dichlorobenzene
 Concen: 48.444 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	62.0	31.8	95.4

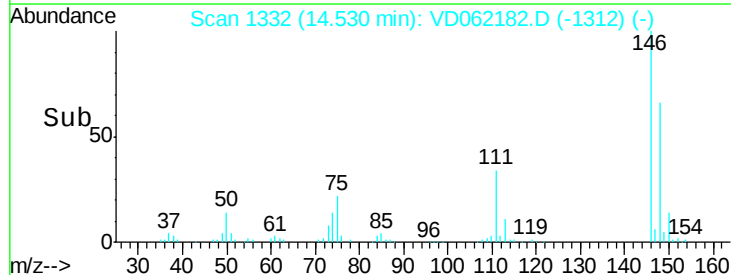
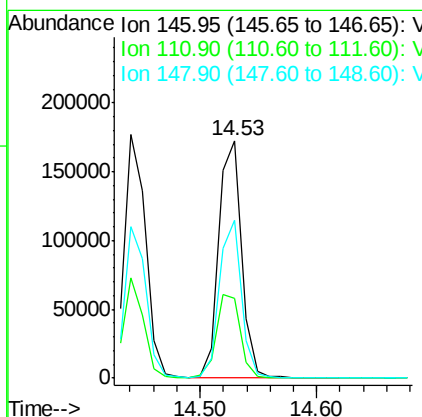
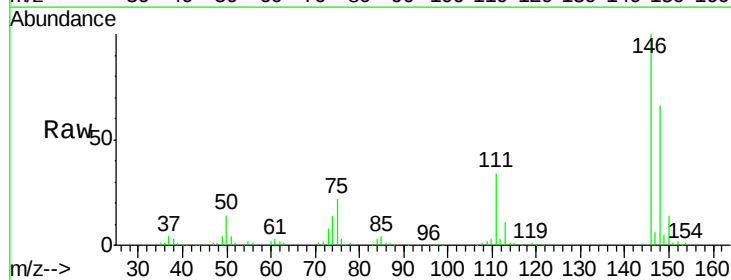
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#88
 1,4-Dichlorobenzene
 Concen: 49.289 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.8	20.2	60.5
148	66.3	32.0	96.2





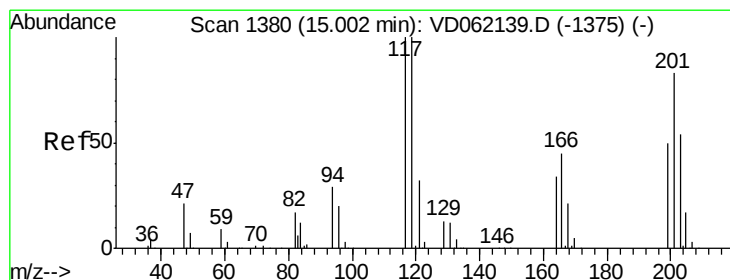
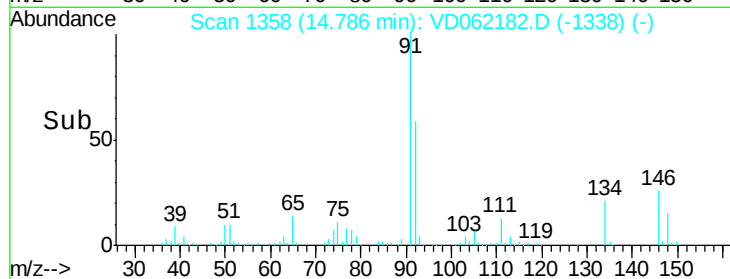
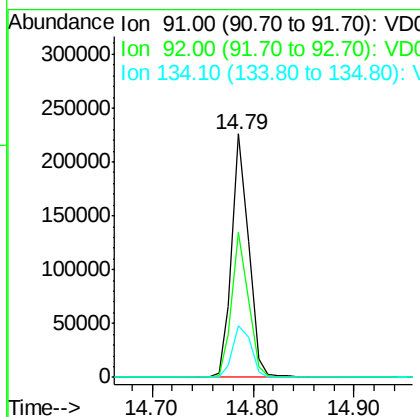
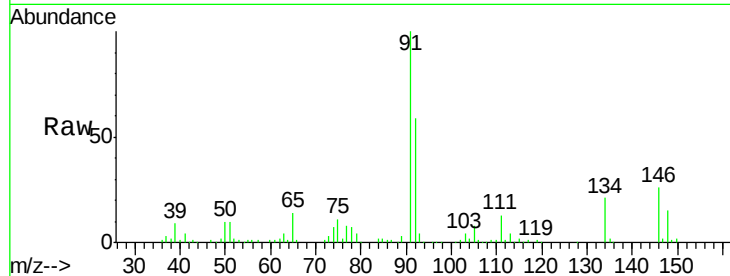
#89
n-Butylbenzene
Concen: 33.441 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.5	30.3	91.0
134	21.3	14.5	43.6

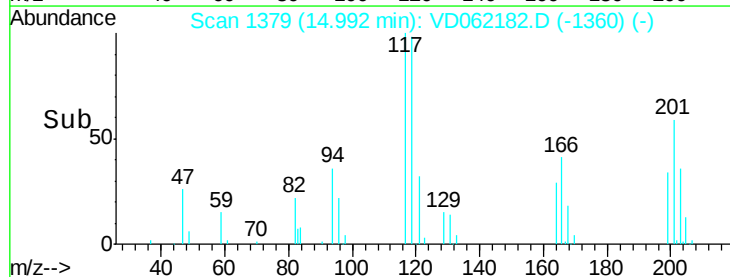
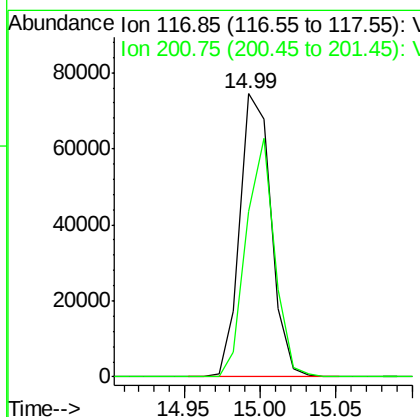
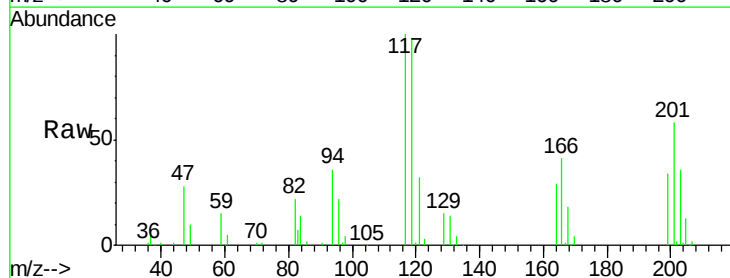
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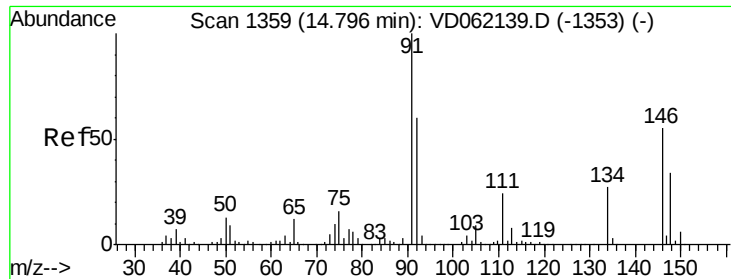
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#90
Hexachloroethane
Concen: 44.647 ug/l
RT: 14.99 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	58.4	30.2	90.6





#91

1,2-Dichlorobenzene

Concen: 56.202 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Instrument :

MSVOA_D

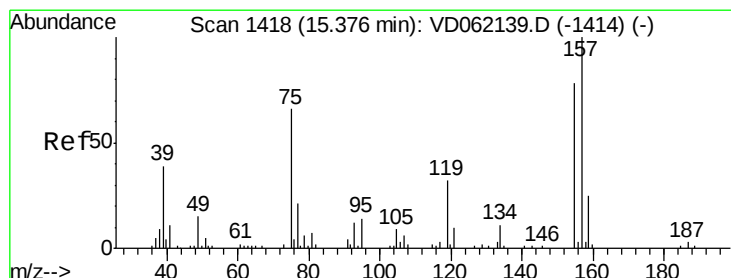
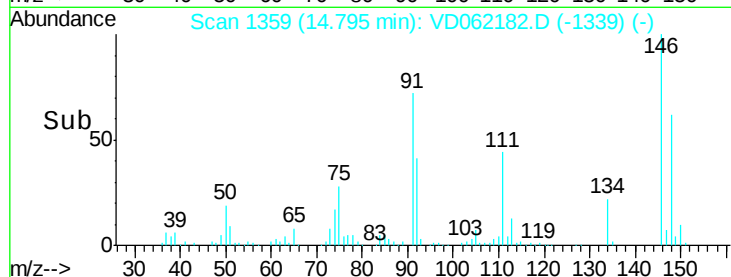
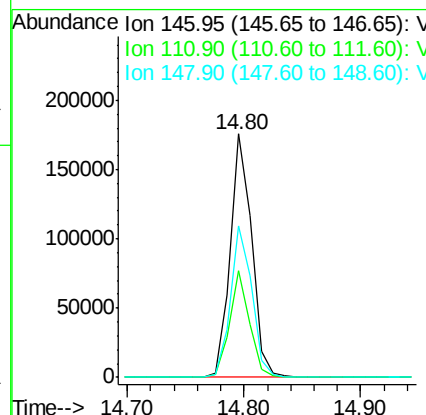
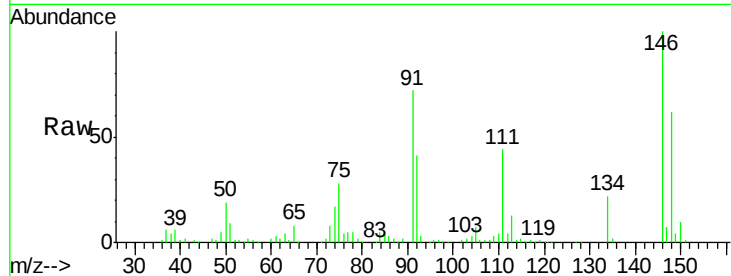
ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:	146	Resp:	224449
Ion Ratio	Lower	Upper	
146	100		
111	43.6	20.0	59.9
148	62.0	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 90.742 ug/l

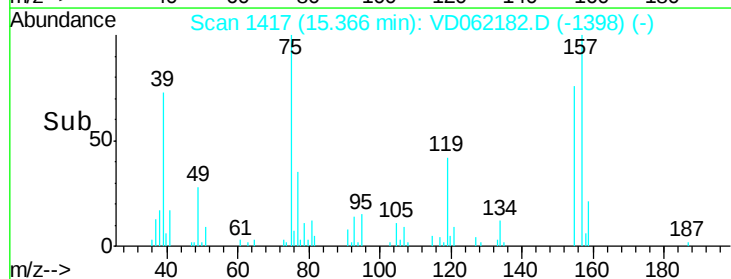
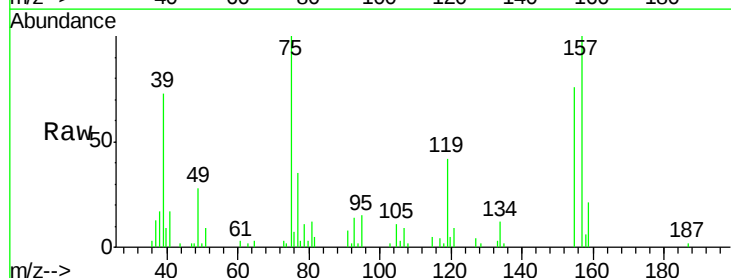
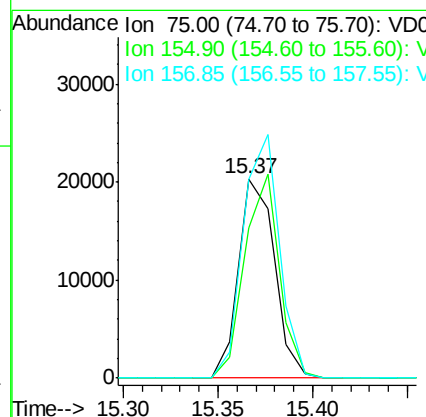
RT: 15.37 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VD062182.D

Acq: 8 May 2019 18:59

Tgt Ion:	75	Resp:	26740
Ion Ratio	Lower	Upper	
75	100		
155	75.6	55.3	165.8
157	99.8	67.8	203.2





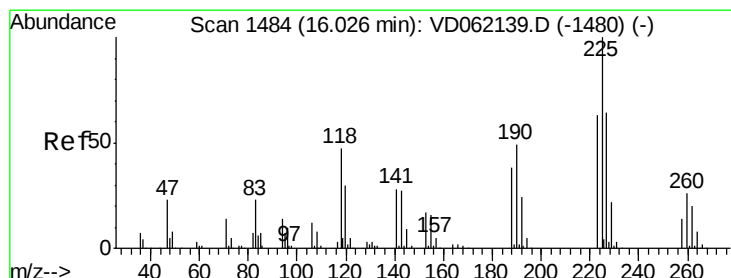
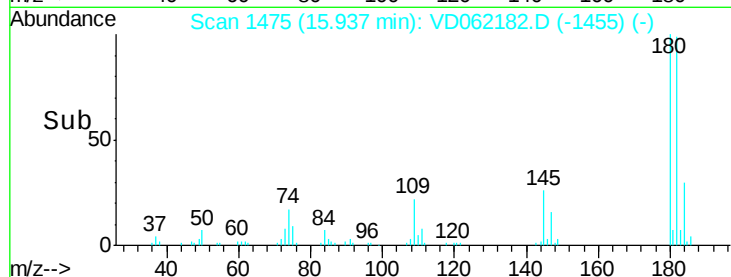
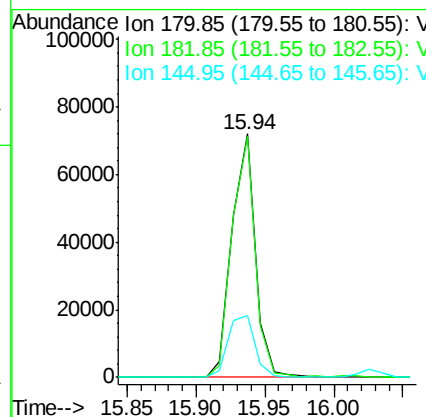
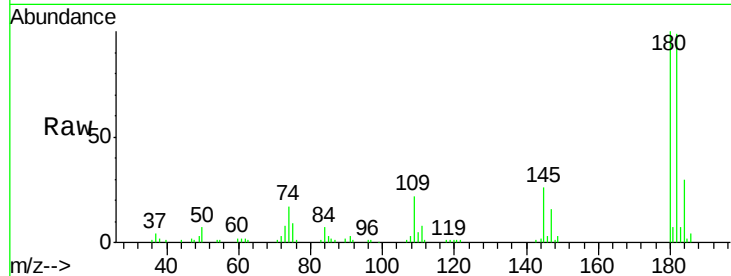
#93
 1,2,4-Trichlorobenzene
 Concen: 29.246 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85013		
182	98.8	49.3	147.8	
145	25.6	16.2	48.6	

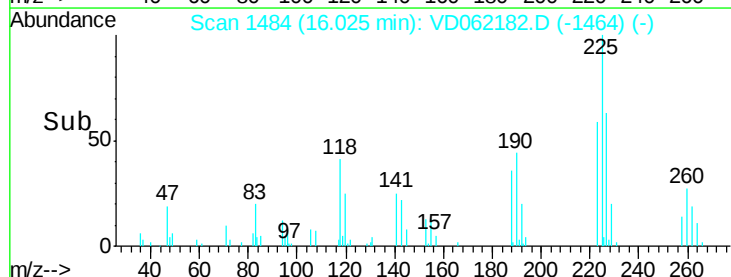
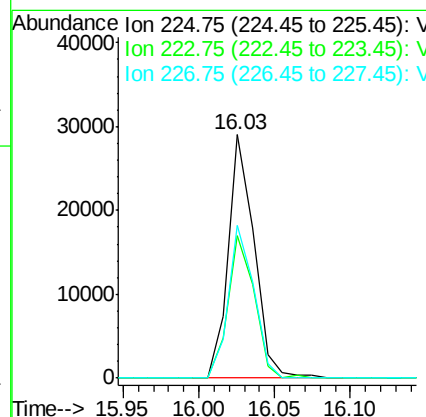
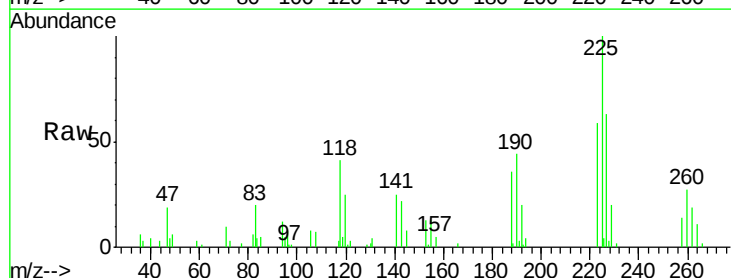
Manual Integrations
 APPROVED

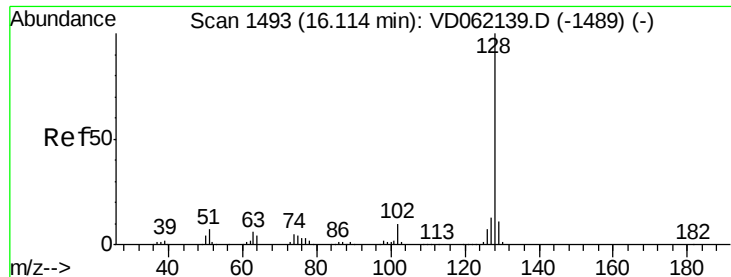
MMDadoda
 5/9/2019 11:21:18 AM



#94
 Hexachlorobutadiene
 Concen: 16.004 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD062182.D
 Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34600		
223	58.6	30.6	92.0	
227	62.9	32.0	96.2	





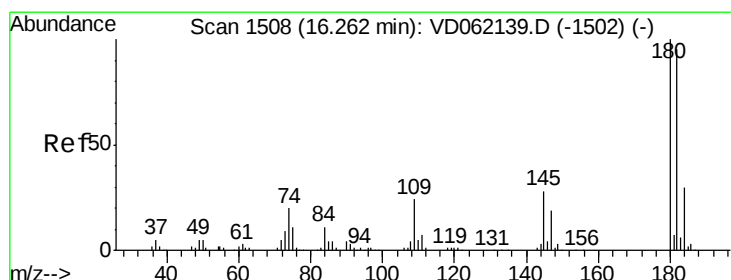
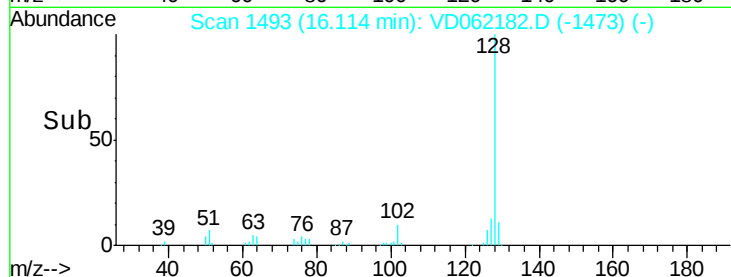
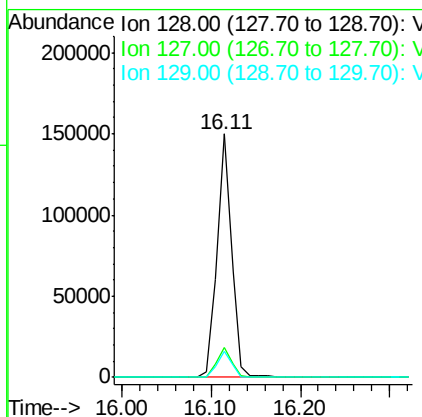
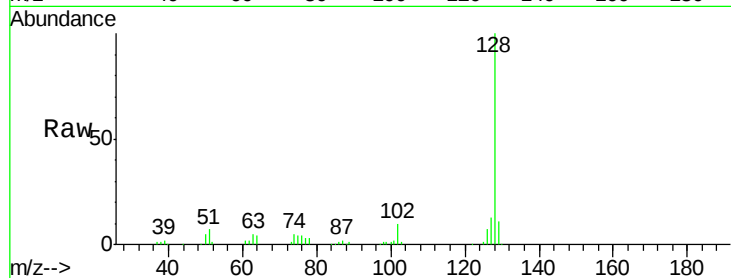
#95
Naphthalene
Concen: 42.335 ug/l
RT: 16.11 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	171805		
127	12.5		9.8	14.8
129	10.7		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/9/2019 11:21:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 31.962 ug/l
RT: 16.26 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062182.D
Acq: 8 May 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58414		
182	100.9		47.0	141.0
145	28.5		17.0	51.0

