

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019159.D
 Acq On : 29 Oct 2020 20:48
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 2:27:07 PM

Quant Time: Nov 01 15:05:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85572	48.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.74%
7) Chloroethane-d5	1.58	69	69612	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.30%
11) 1,1-Dichloroethene-d2	2.12	63	127457	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.74%
21) 2-Butanone-d5	3.91	46	116001	107.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.05%
24) Chloroform-d	4.38	84	165971	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.06	65	120102	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
32) Benzene-d6	5.07	84	314236	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.09	67	97388	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.32%
41) Toluene-d8	7.34	98	288848	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.64	79	51632	49.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.24%
47) 2-Hexanone-d5	8.11	63	82700	106.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124492	51.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	118034	52.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	3721	1.904 ug/L	99
3) Chloromethane	1.25	50	4068	2.292 ug/L	92
5) Vinyl chloride	1.32	62	4368	2.403 ug/L #	65
6) Bromomethane	1.53	94	2805	2.304 ug/L	95
8) Chloroethane	1.60	64	2827	2.502 ug/L	85
9) Trichlorofluoromethane	1.77	101	6106	2.016 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3461	2.374 ug/L #	85
12) 1,1-Dichloroethene	2.13	96	4067	2.849 ug/L #	1
13) Acetone	2.20	43	4353	4.324 ug/L	91
14) Carbon disulfide	2.31	76	9421	2.076 ug/L	100
15) Methyl Acetate	2.46	43	4152	2.559 ug/L #	75
16) Methylene chloride	2.52	84	4244	2.618 ug/L	89
17) trans-1,2-Dichloroethene	2.78	96	3261	2.127 ug/L	89
18) Methyl tert-butyl Ether	2.79	73	10959	2.134 ug/L #	88
19) 1,1-Dichloroethane	3.22	63	6289	2.201 ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	3387	2.013 ug/L	84
22) 2-Butanone	4.03	43	4652m	4.243 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	1801	1.994	ug/L	95
25) Chloroform	4.41	83	7913	2.563	ug/L	96
27) 1,2-Dichloroethane	5.17	62	6295	2.395	ug/L	96
29) Cyclohexane	4.70	56	4182	1.762	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	5685	1.973	ug/L	97
31) Carbon tetrachloride	4.86	117	5075	1.986	ug/L	89
33) Benzene	5.13	78	12874m	2.100	ug/L	
34) Trichloroethene	5.95	95	3309	1.971	ug/L	95
35) Methylcyclohexane	6.15	83	3777	1.666	ug/L	99
37) 1,2-Dichloropropane	6.21	63	3490	2.293	ug/L #	85
38) Bromodichloromethane	6.53	83	4529	2.000	ug/L	93
39) cis-1,3-Dichloropropene	7.06	75	5110	2.032	ug/L	87
40) 4-Methyl-2-pentanone	7.25	43	8431	4.015	ug/L	99
42) Toluene	7.41	91	17508	2.605	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	4778m	1.827	ug/L	
45) 1,1,2-Trichloroethane	7.87	97	3261	2.136	ug/L	94
46) Tetrachloroethene	8.00	164	2565	1.789	ug/L	91
48) 2-Hexanone	8.17	43	9084	5.442	ug/L #	84
49) Dibromochloromethane	8.27	129	3846	2.081	ug/L	91
50) 1,2-Dibromoethane	8.38	107	3425	2.103	ug/L #	96
51) Chlorobenzene	8.90	112	8525	1.935	ug/L	99
52) Ethylbenzene	9.04	91	13501	1.823	ug/L	99
53) m,p-Xylene	9.16	106	4826	1.726	ug/L	97
54) o-xylene	9.56	106	4507	1.678	ug/L	99
55) Styrene	9.59	104	7842	1.648	ug/L	95
56) Isopropylbenzene	9.95	105	11977	1.660	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	5252	2.259	ug/L #	98
59) 1,2,3-Trichloropropane	10.29	75	4427	2.225	ug/L	98
61) Bromoform	9.76	173	2630	1.996	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	6535	1.940	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	7338	2.096	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	7420	2.223	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.46	75	1123	1.966	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	5245	2.115	ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	4157	1.789	ug/L	99
69) Naphthalene	13.53	128	9914	1.523	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	4273	1.879	ug/L	99

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

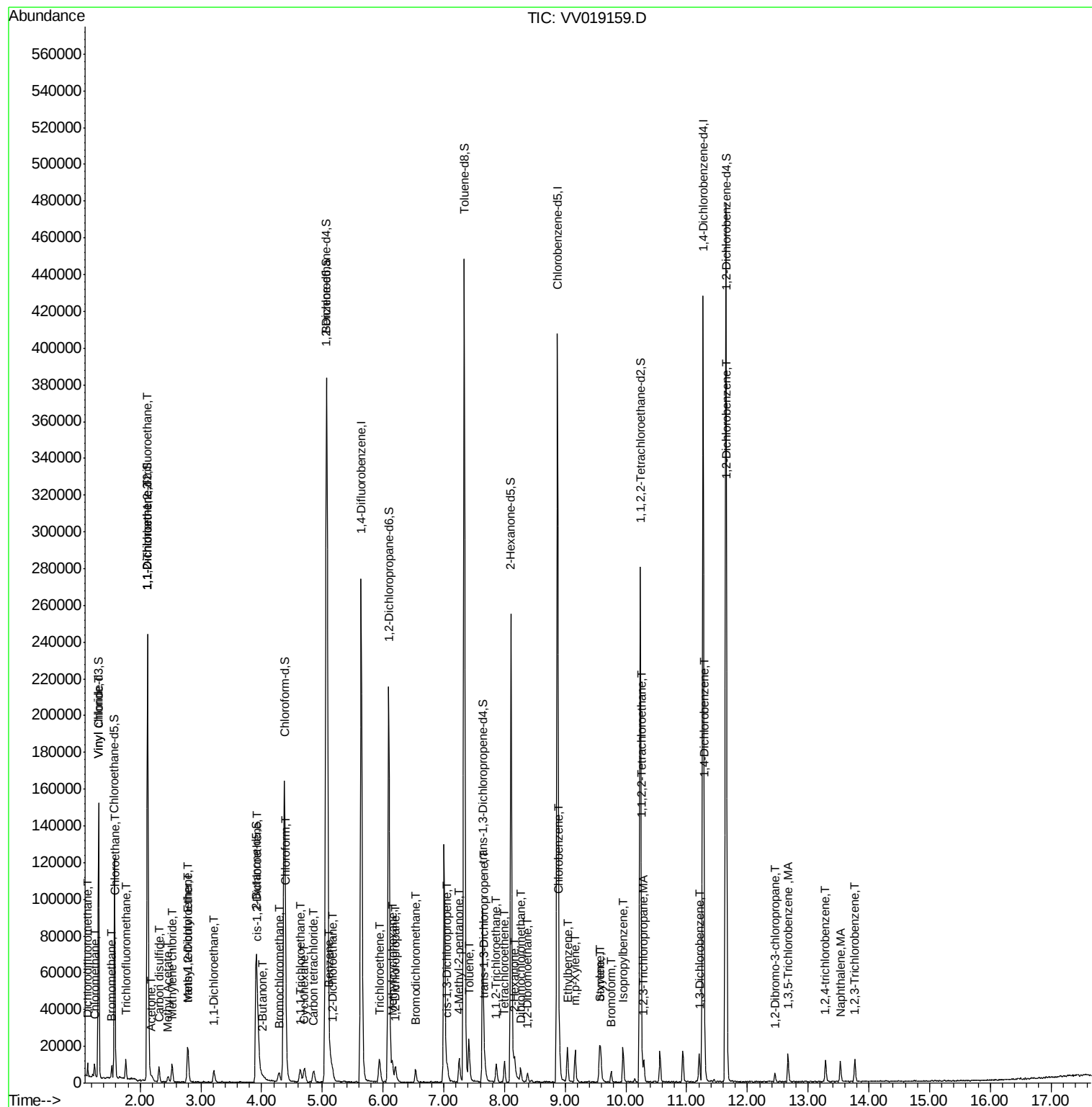
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
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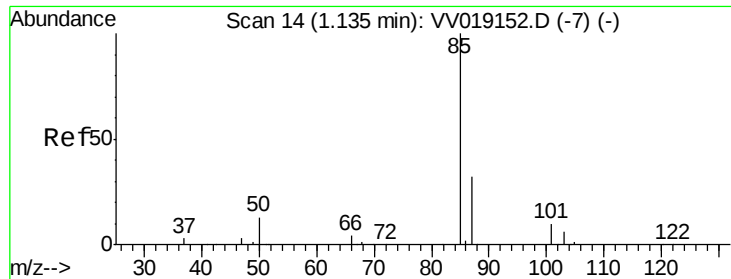
Instrument :
MSVOA_V
ClientSampleID :
MDL05

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#2

Dichlorodifluoromethane

Concen: 1.904 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tot Ion: 85 Resp: 3721

Ion Ratio Lower Upper

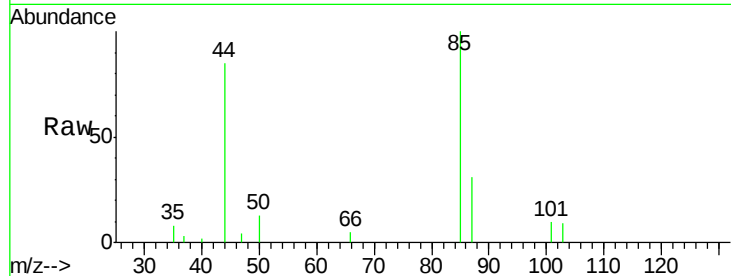
85 100

87 31.9 25.3 37.9

Manual Integrations
APPROVED

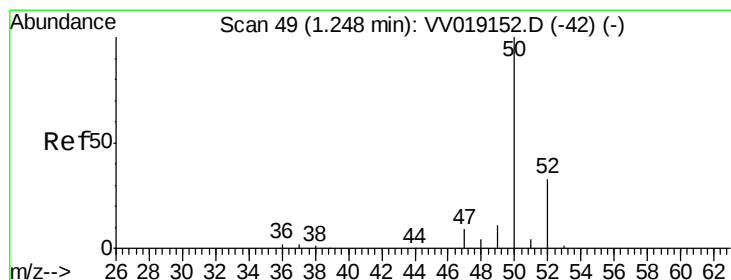
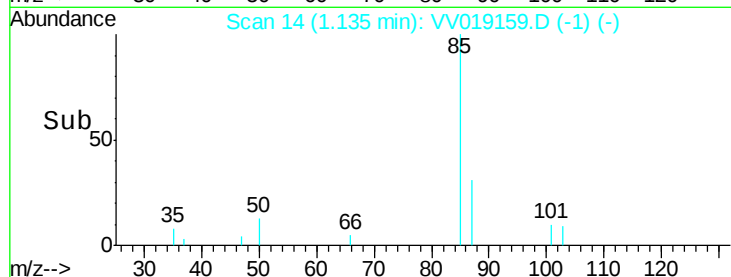
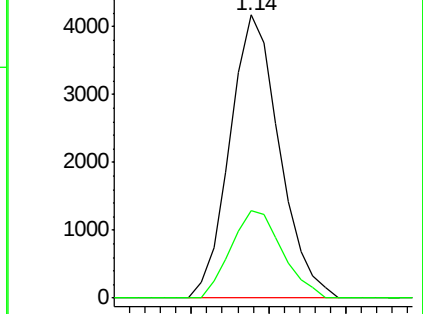
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Abundance Ion 85.00 (84.70 to 85.70): VV019152.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV019159.D (-1) (-)



#3

Chloromethane

Concen: 2.292 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV019159.D

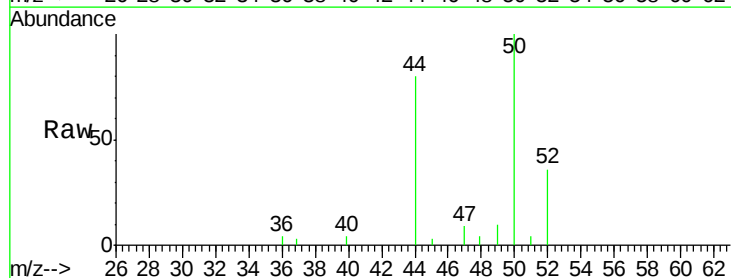
Acq: 29 Oct 2020 20:48

Tgt Ion: 50 Resp: 4068

Ion Ratio Lower Upper

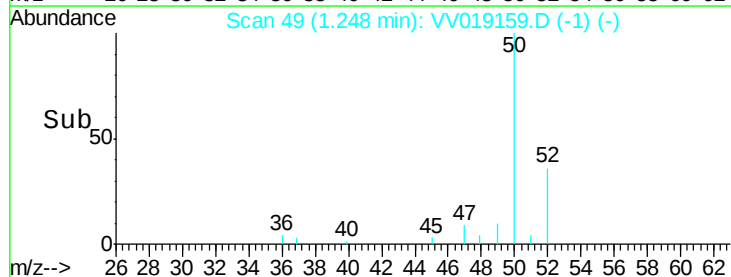
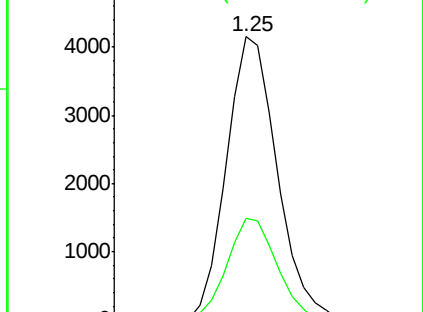
50 100

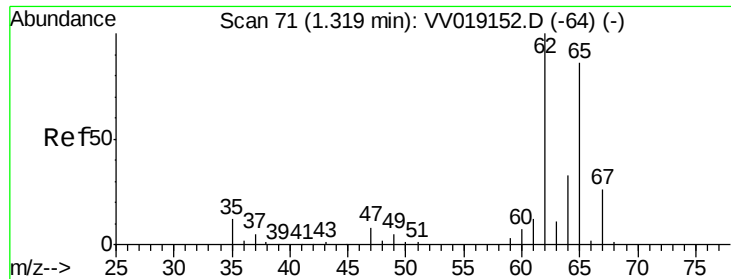
52 35.9 22.1 41.1



Abundance Ion 50.00 (49.70 to 50.70): VV019152.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV019159.D (-1) (-)





#5

Vinyl chloride

Concen: 2.403 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampleID :

MDL05

Tot Ion: 62 Resp: 4368

Ion Ratio Lower Upper

62 100

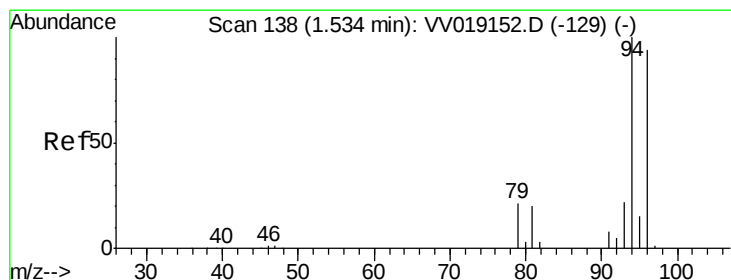
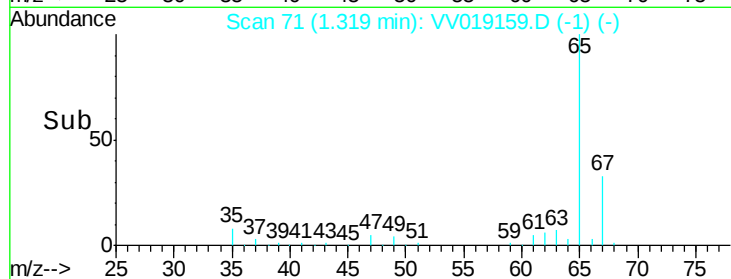
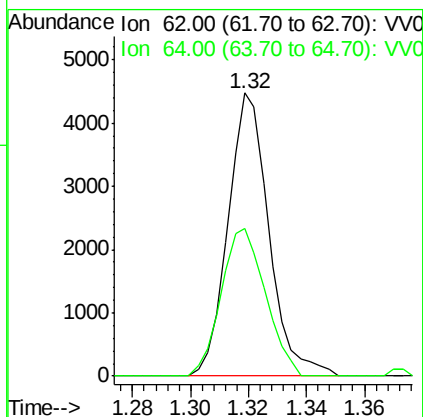
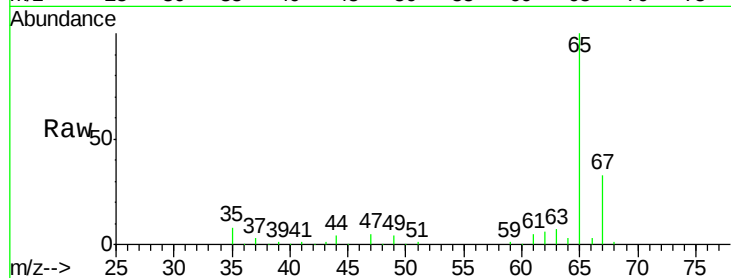
64 52.0 22.7 42.3#

Manual Integrations

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#6

Bromomethane

Concen: 2.304 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV019159.D

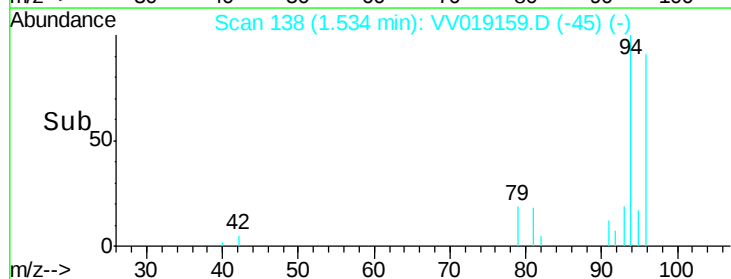
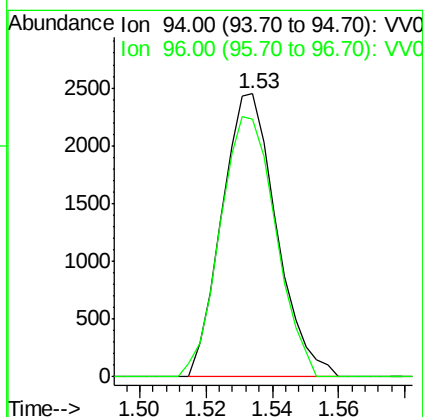
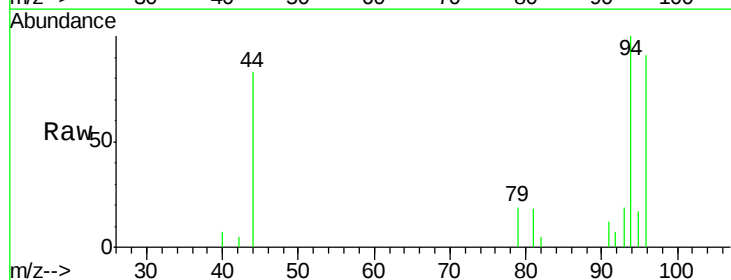
Acq: 29 Oct 2020 20:48

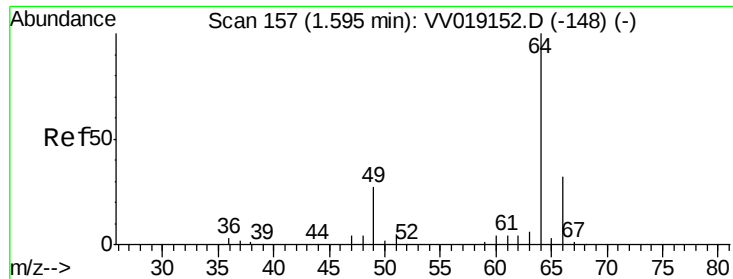
Tgt Ion: 94 Resp: 2805

Ion Ratio Lower Upper

94 100

96 91.1 67.0 124.4





#8

Chloroethane

Concen: 2.502 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tot Ion: 64 Resp: 2827

Ion Ratio Lower Upper

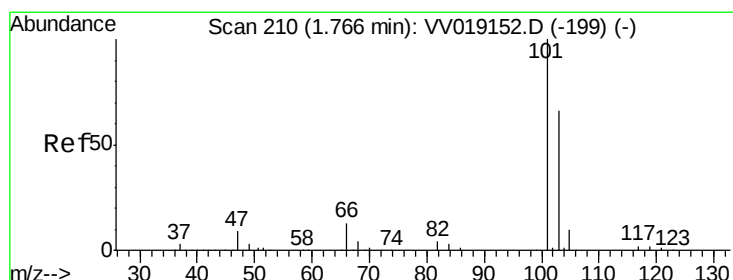
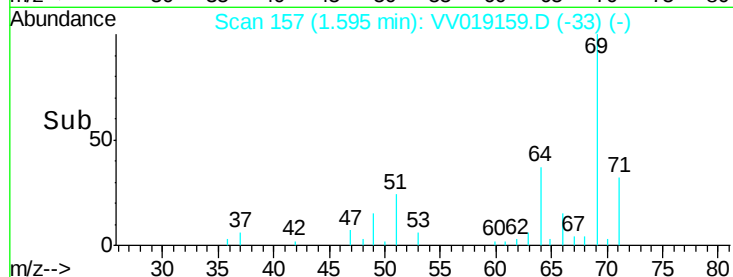
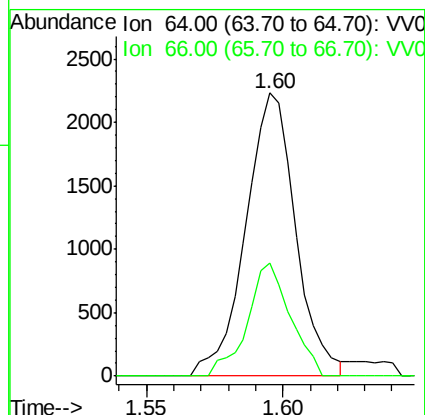
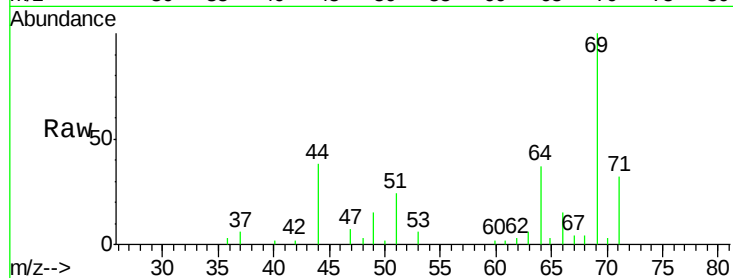
64 100

66 39.8 22.0 40.8

Manual Integrations
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#9

Trichlorofluoromethane

Concen: 2.016 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV019159.D

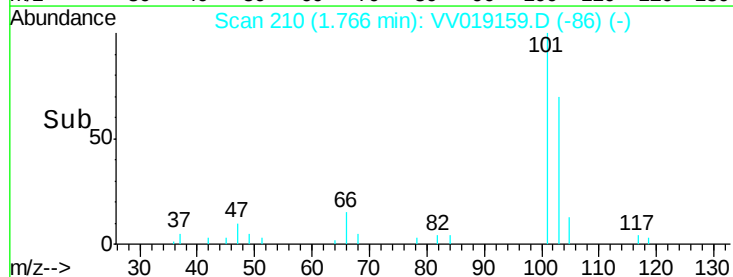
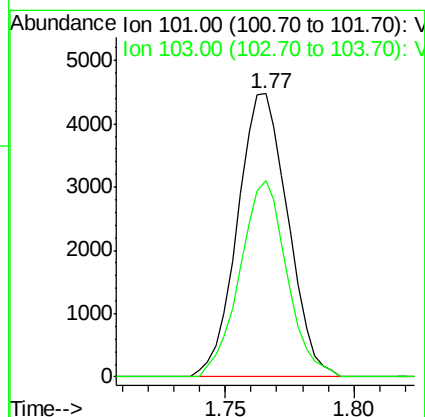
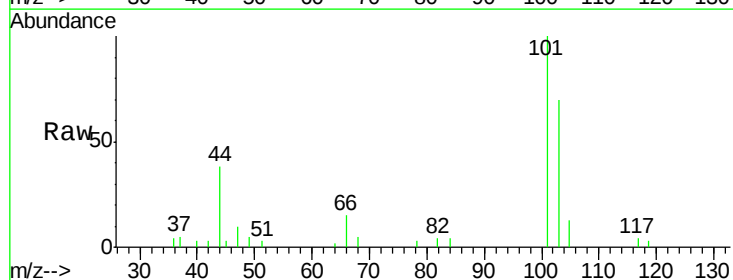
Acq: 29 Oct 2020 20:48

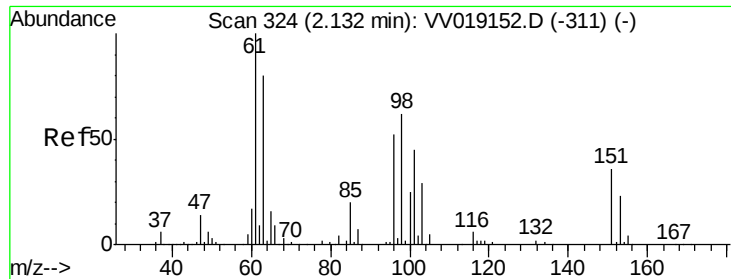
Tgt Ion: 101 Resp: 6106

Ion Ratio Lower Upper

101 100

103 64.7 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.374 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

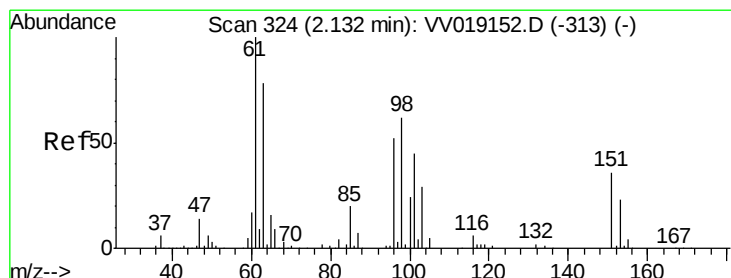
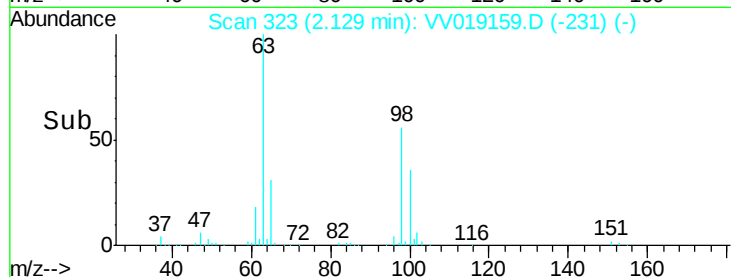
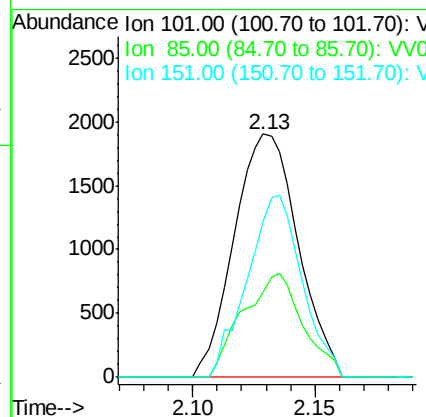
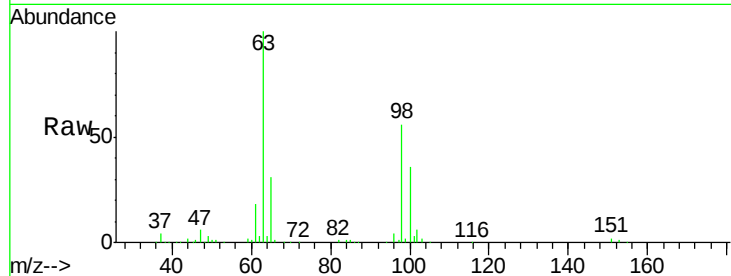
ClientSampleId :

MDL05

Tot Ion:	101	Resp:	3461
Ion Ratio	Lower	Upper	
101	100		
85	40.2	36.1	54.1
151	63.9	65.0	97.4#

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#12

1,1-Dichloroethene

Concen: 2.849 ug/L

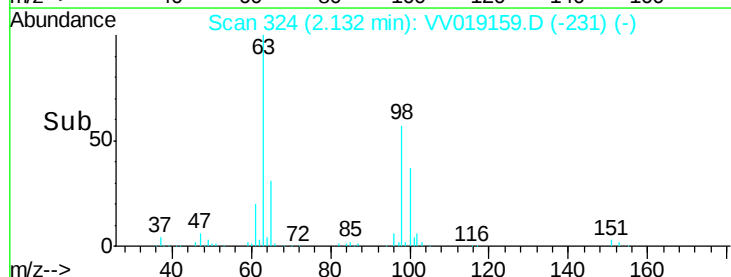
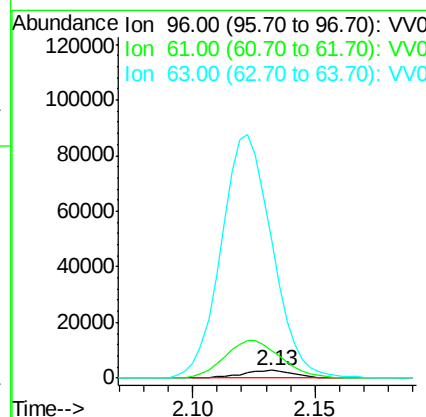
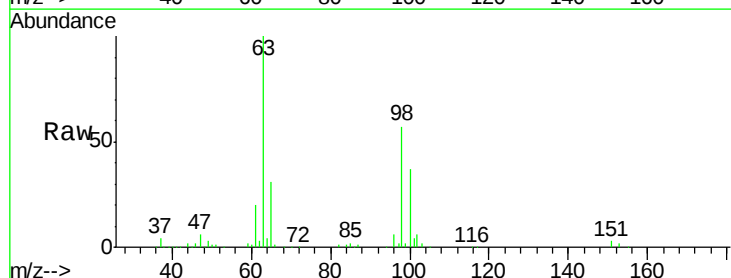
RT: 2.13 min Scan# 324

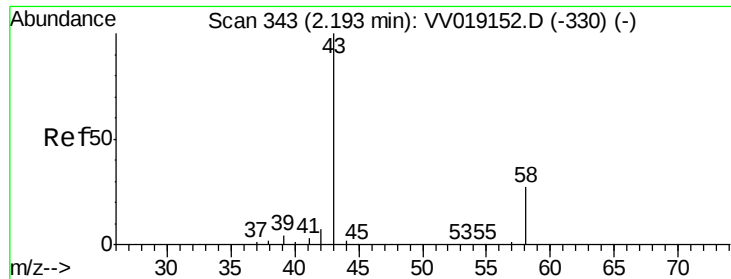
Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion:	96	Resp:	4067
Ion Ratio	Lower	Upper	
96	100		
61	366.7	132.6	246.2#
63	1800.5	108.4	201.4#





#13

Acetone

Concen: 4.324 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

MDL05

Tot Ion: 43 Resp: 4353

Ion Ratio Lower Upper

43 100

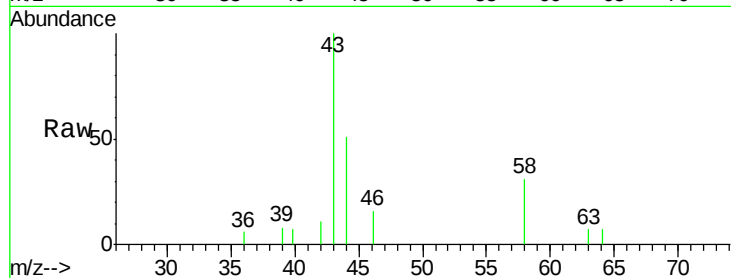
58 24.9 0.0 59.4

Manual Integrations

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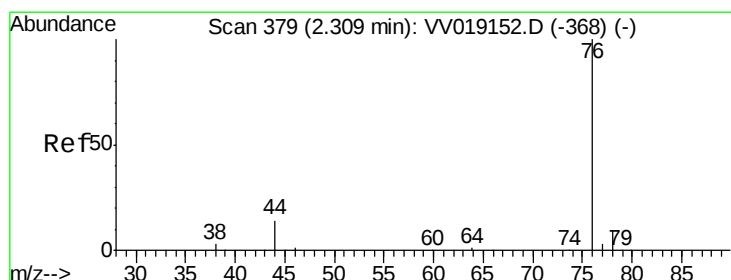
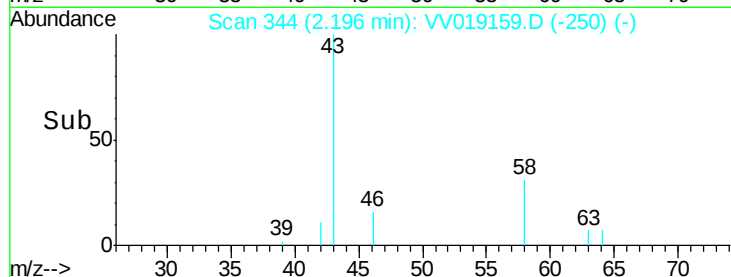
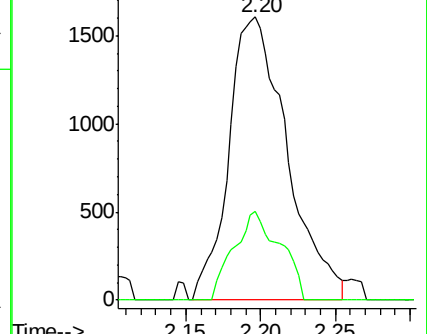
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 2.076 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV019159.D

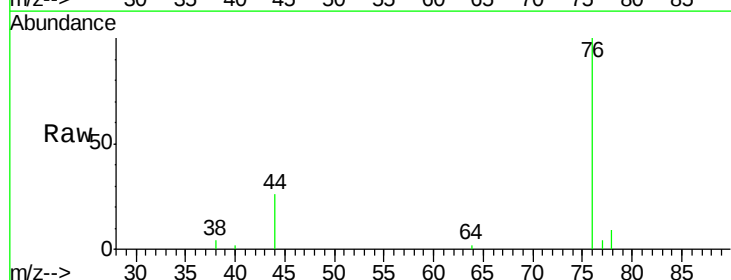
Acq: 29 Oct 2020 20:48

Tgt Ion: 76 Resp: 9421

Ion Ratio Lower Upper

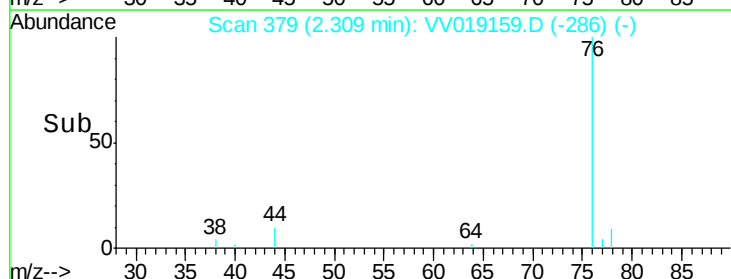
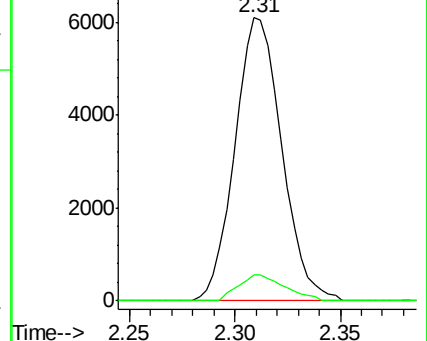
76 100

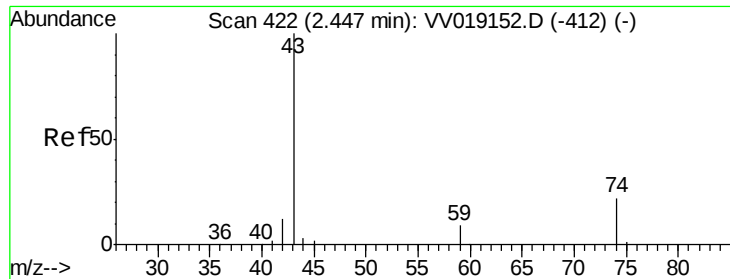
78 9.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





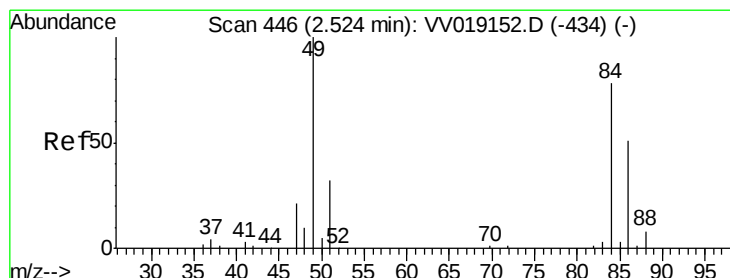
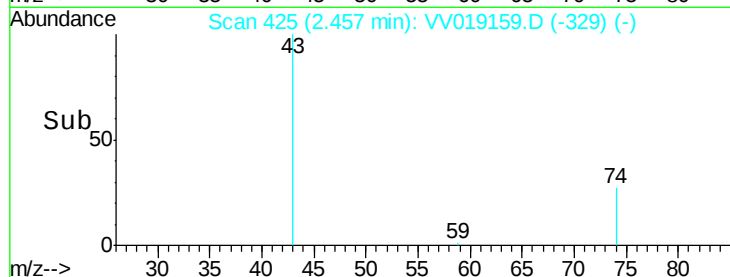
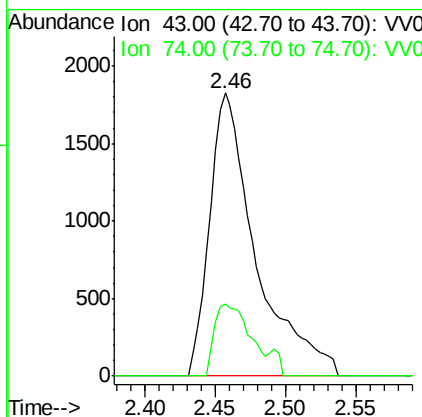
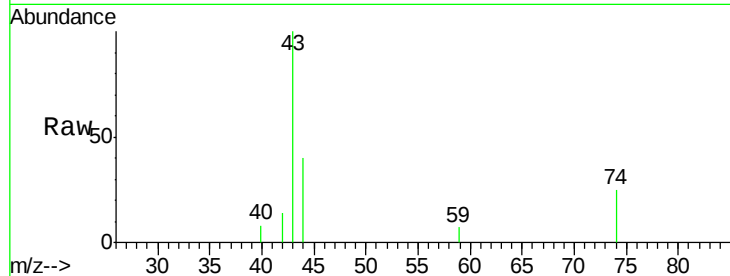
#15
Methvl Acetate
Concen: 2.559 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampled :
MDL05

Tot Ion: 43 Resp: 4152
Ion Ratio Lower Upper
43 100
74 10.9 18.4 27.6#

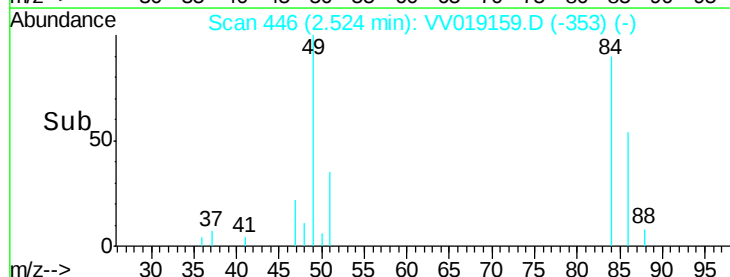
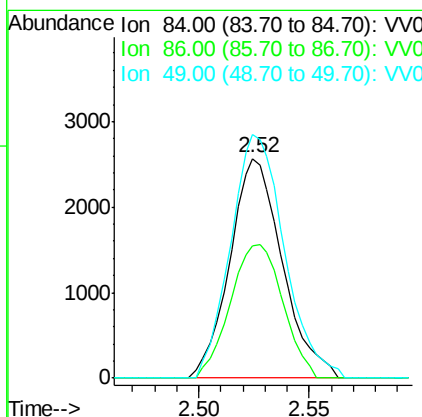
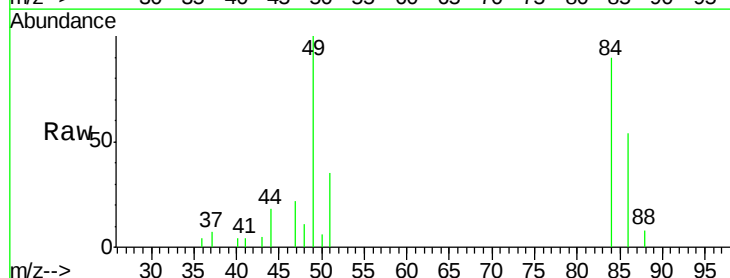
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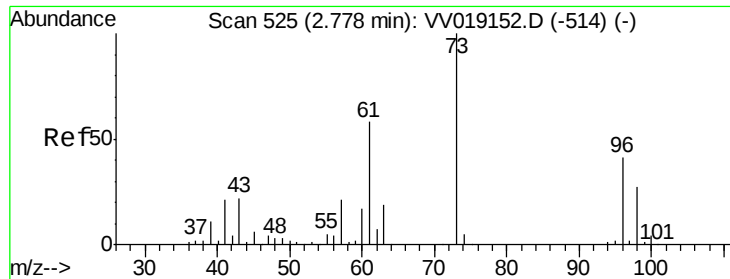
MMDadoda
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#16
Methylene chloride
Concen: 2.618 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion: 84 Resp: 4244
Ion Ratio Lower Upper
84 100
86 60.2 46.0 85.4
49 111.0 87.8 163.2





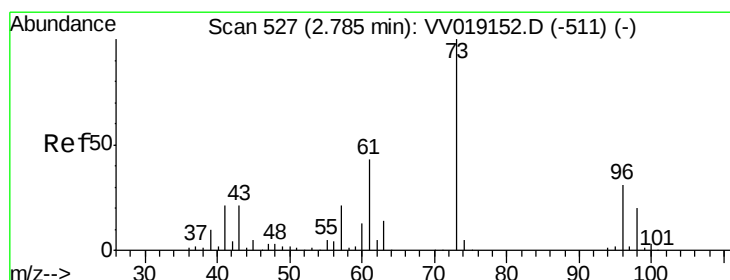
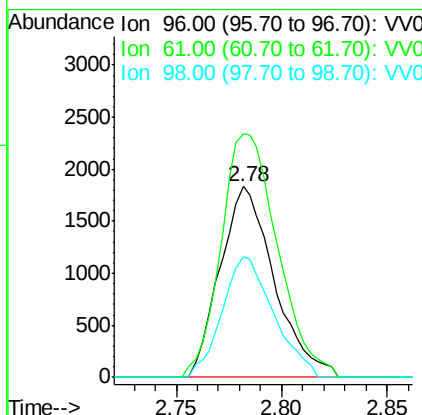
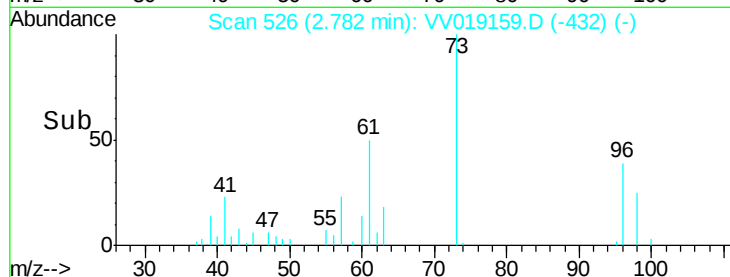
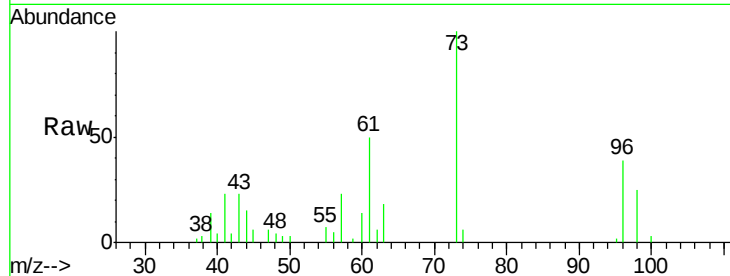
#17
trans-1,2-Dichloroethene
Concen: 2.127 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampled :
MDL05

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	102.4	190.2
98	63.0	45.9	85.3

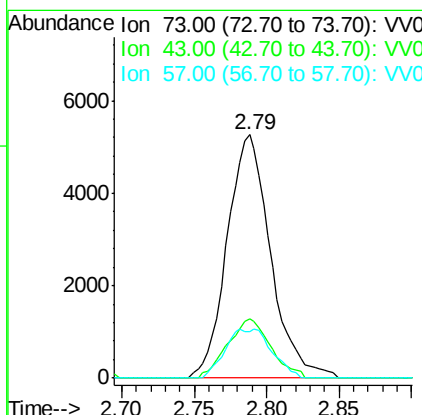
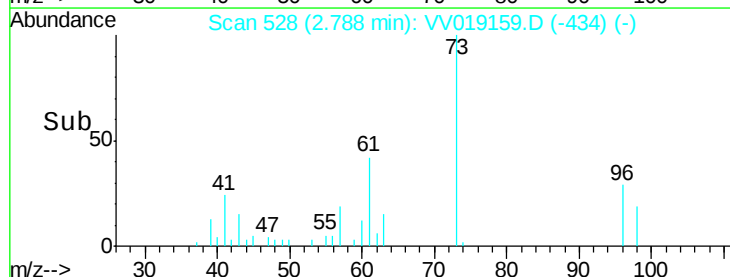
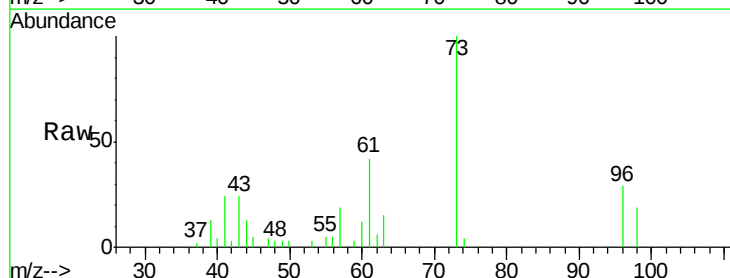
Manual Integrations
APPROVED

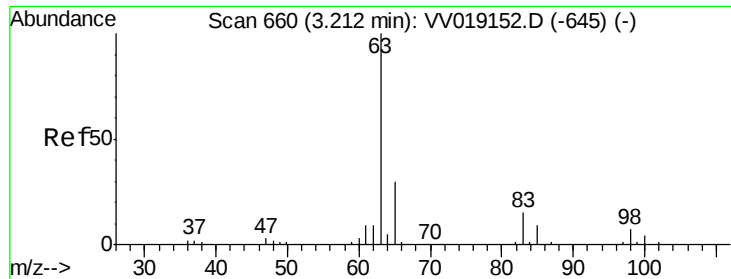
MMDadoda
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#18
Methyl tert-butyl Ether
Concen: 2.134 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.0	17.9	26.9
57	11.7	17.1	25.7#





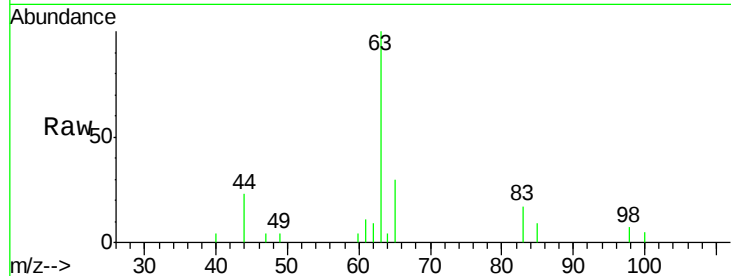
#19
1,1-Dichloroethane
Concen: 2.201 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

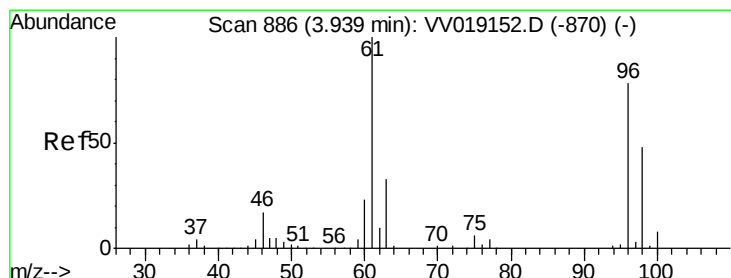
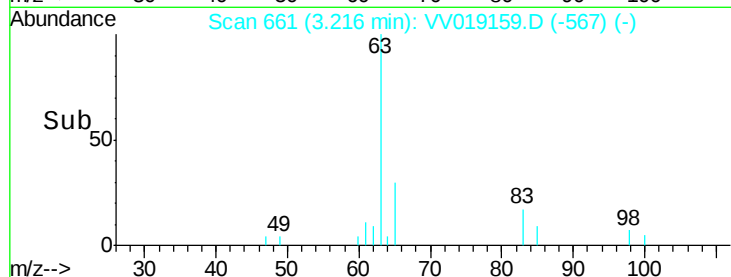
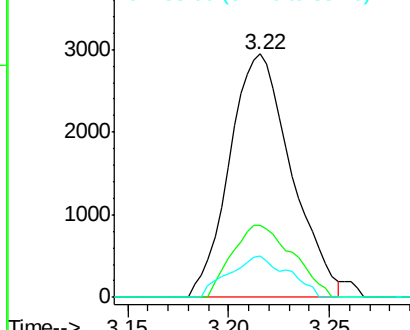
Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.0	40.8
83	17.0	9.6	17.8

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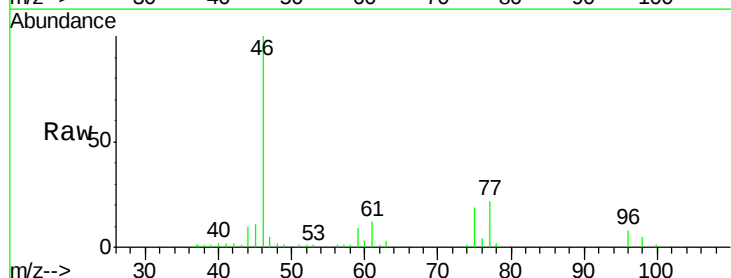


Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0

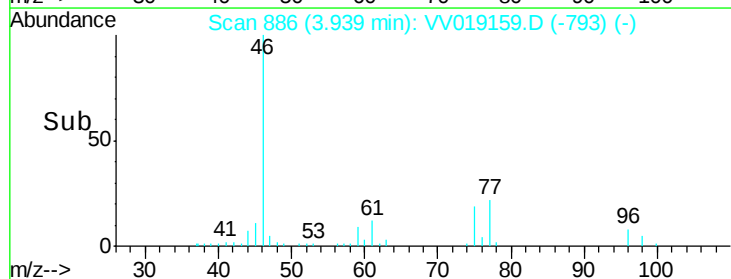
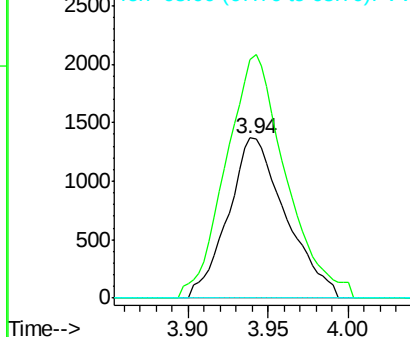


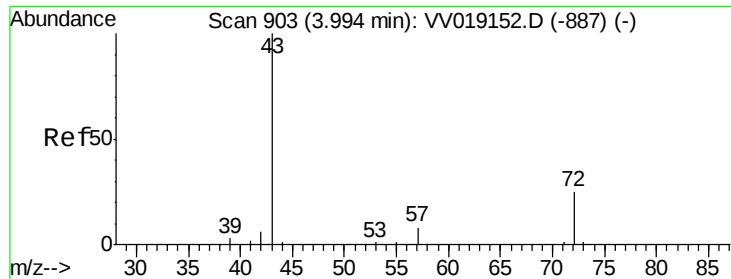
#20
cis-1,2-Dichloroethene
Concen: 2.013 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	90.7	168.5
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 4.243 ug/L m

RT: 4.03 min Scan# 915

Delta R.T. 0.04 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

MDL05

Tot Ion: 43 Resp: 4652

Ion Ratio Lower Upper

43 100

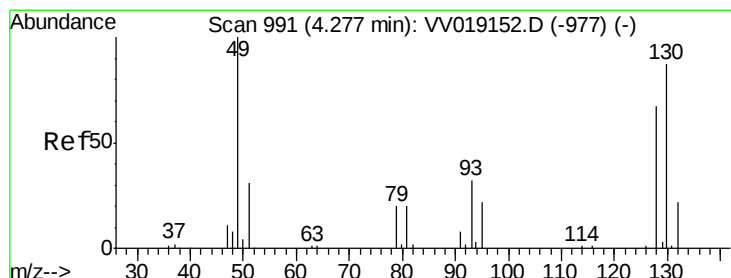
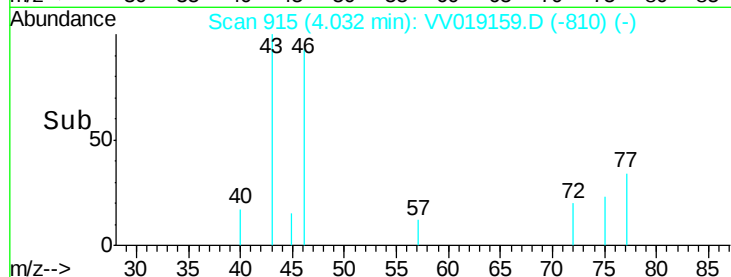
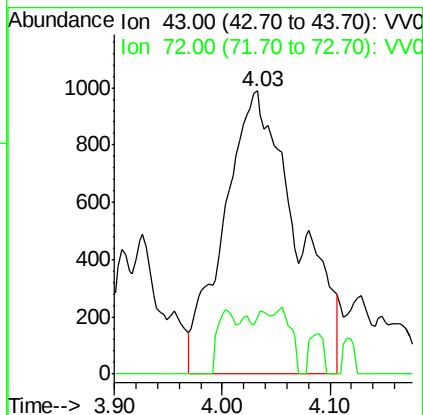
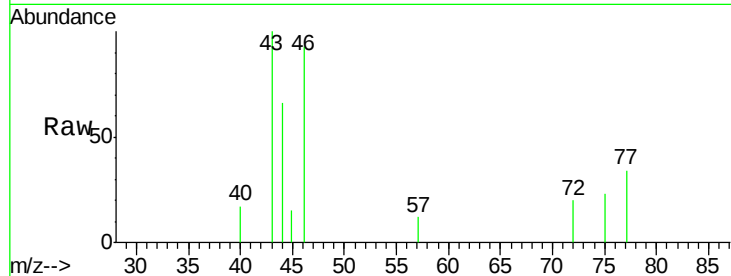
72 2.7 11.9 35.9#

Manual Integrations

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11/2/2020 2:27:07 PM



#23

Bromochloromethane

Concen: 1.994 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion: 128 Resp: 1801

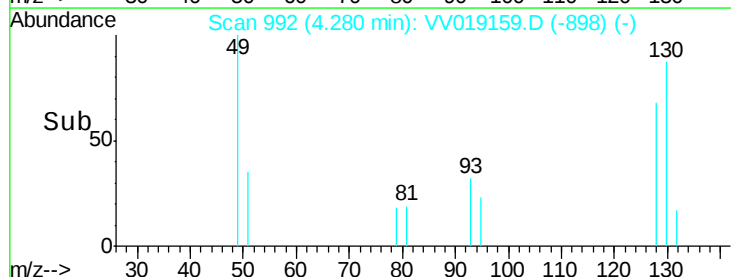
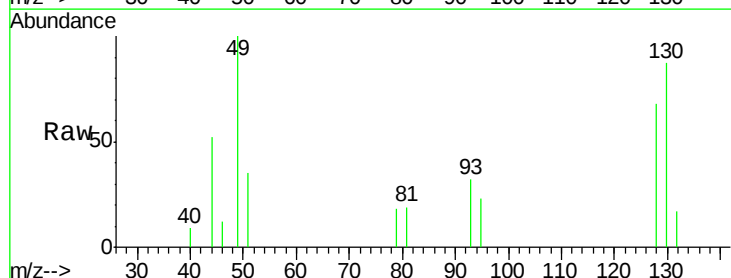
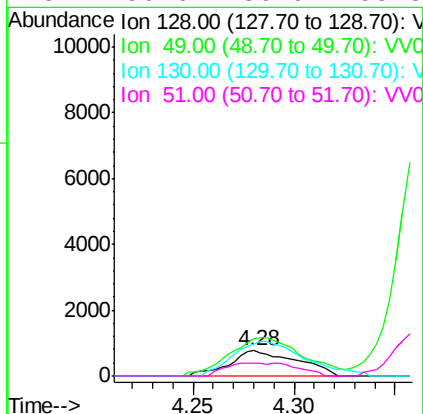
Ion Ratio Lower Upper

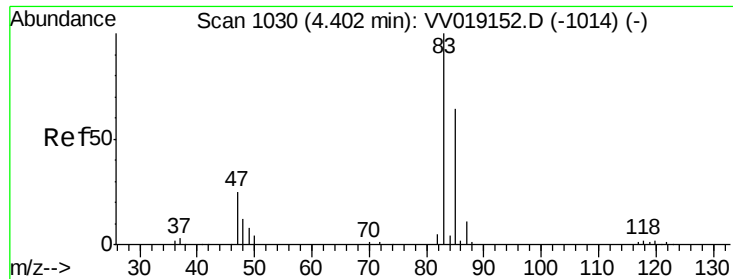
128 100

49 146.6 108.5 201.5

130 126.9 90.4 167.8

51 50.6 36.9 55.3





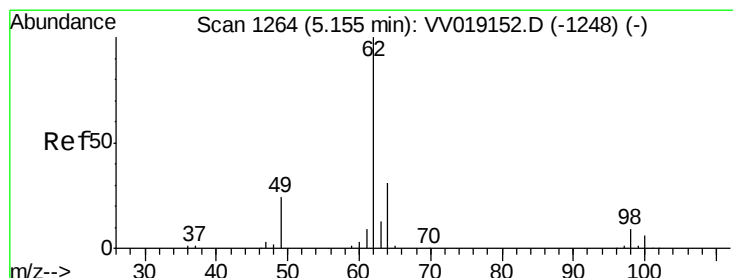
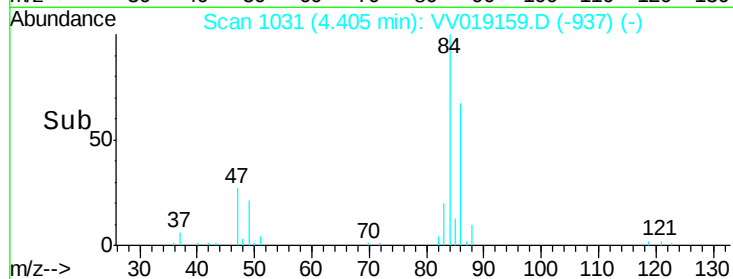
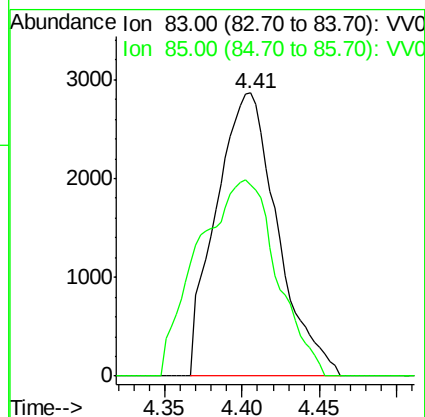
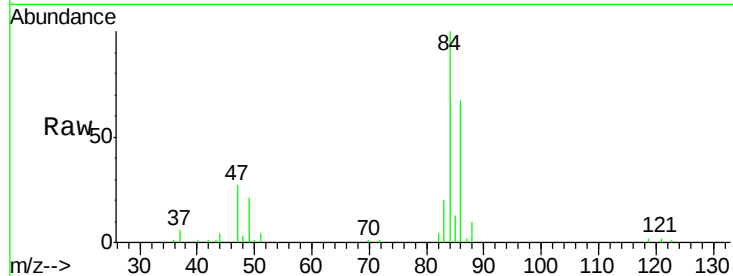
#25
Chloroform
Concen: 2.563 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tot Ion: 83 Resp: 7913
Ion Ratio Lower Upper
83 100
85 67.6 45.1 83.9

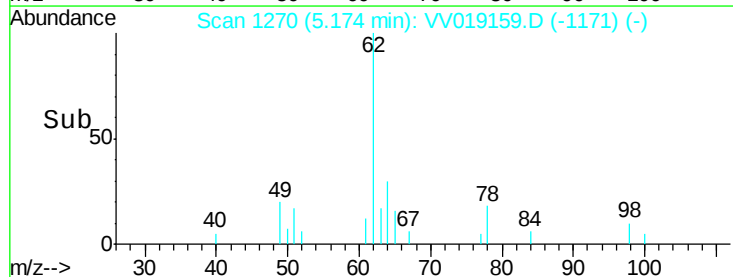
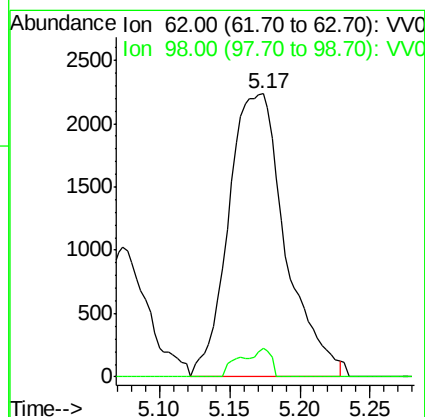
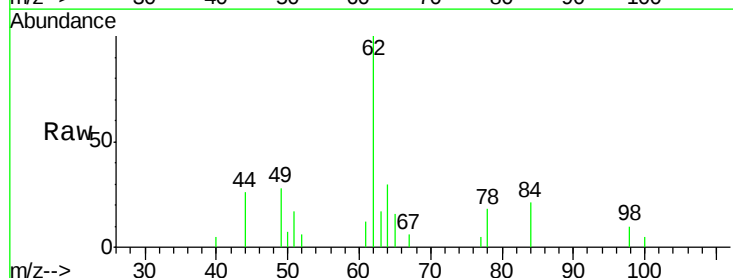
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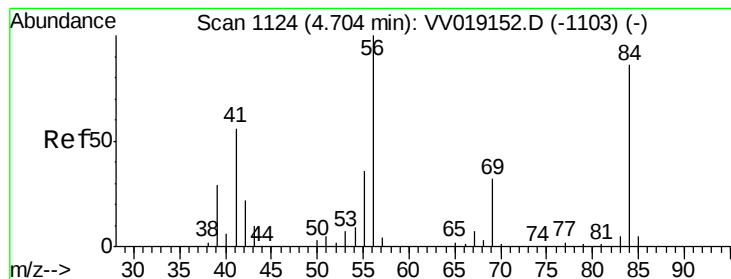
MMDadoda
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#27
1,2-Dichloroethane
Concen: 2.395 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. 0.02 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion: 62 Resp: 6295
Ion Ratio Lower Upper
62 100
98 10.1 6.8 10.2





#29

Cyclohexane

Concen: 1.762 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

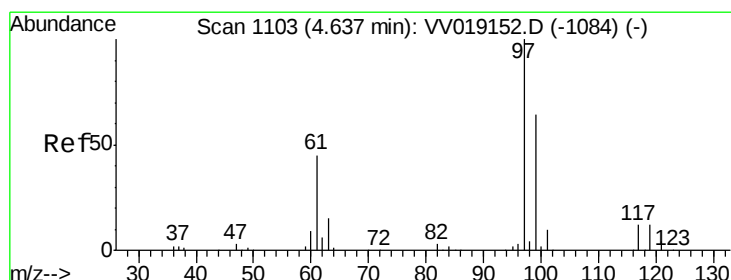
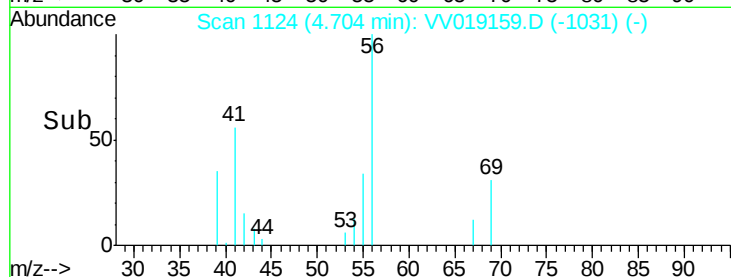
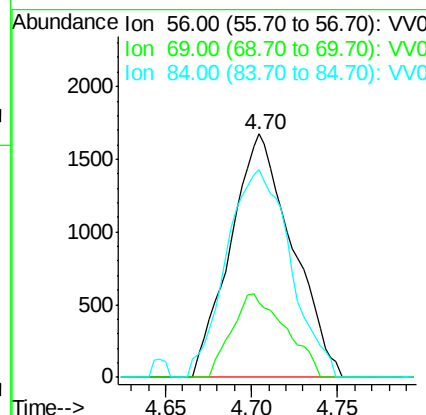
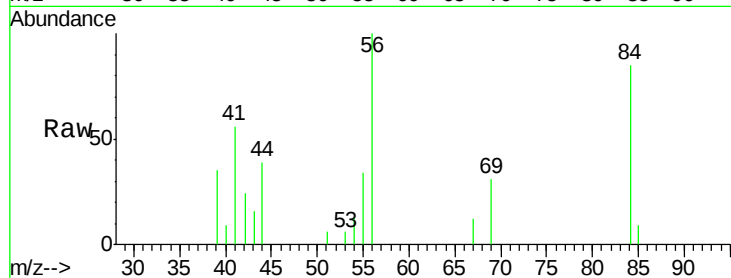
ClientSampleId :

MDL05

Tot Ion:	56	Resp:	4182
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.0	37.4
84	88.4	71.5	107.3

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 1.973 ug/L

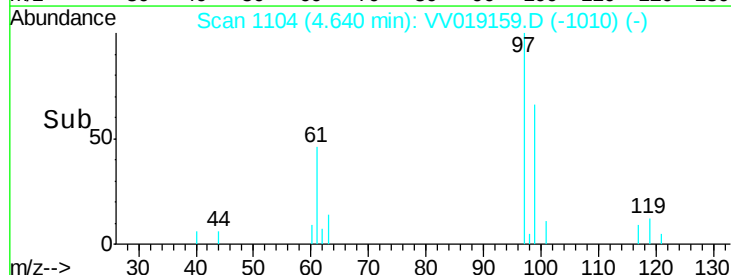
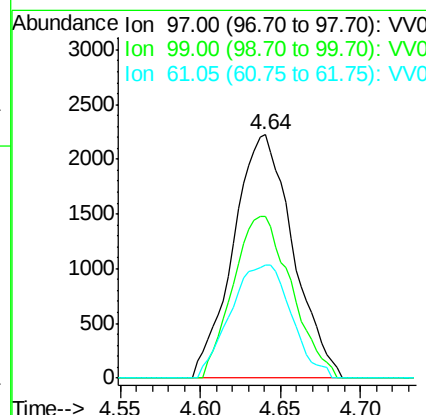
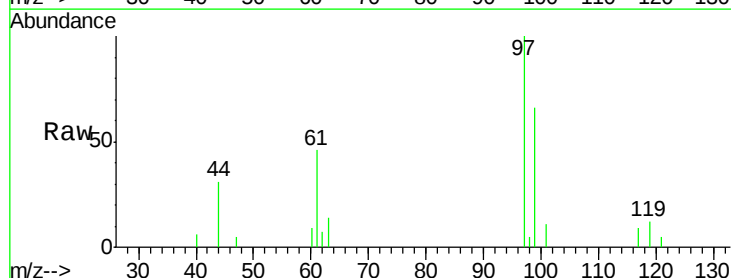
RT: 4.64 min Scan# 1104

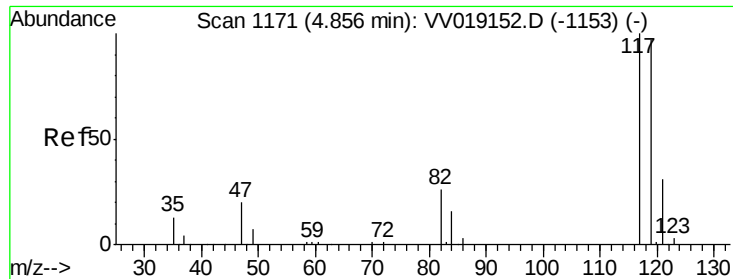
Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion:	97	Resp:	5685
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	46.9	34.6	52.0





#31

Carbon tetrachloride

Concen: 1.986 ug/L

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

MDL05

Tot Ion:117 Resp: 5075

Ion Ratio Lower Upper

117 100

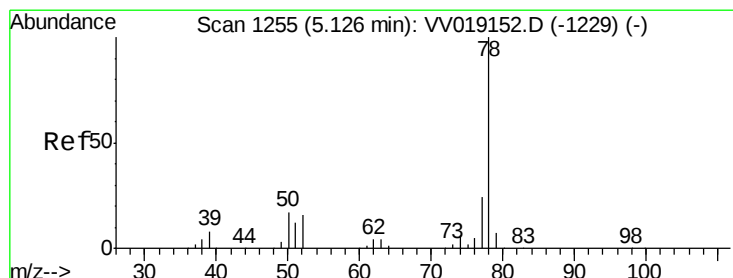
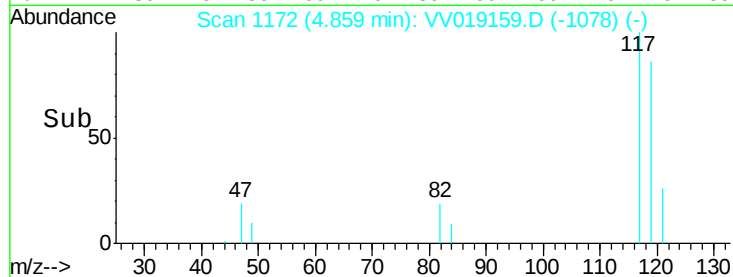
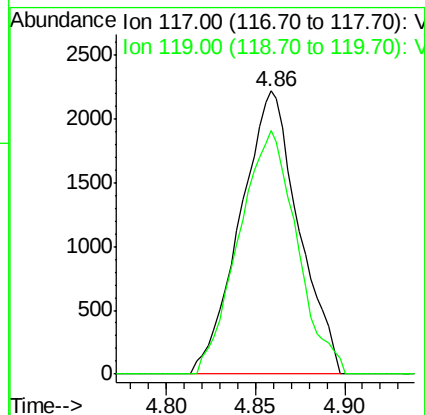
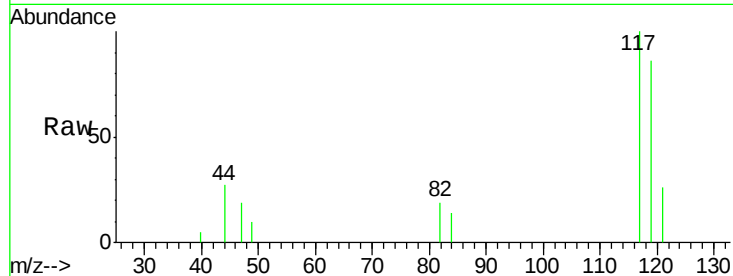
119 85.2 77.2 115.8

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#33

Benzene

Concen: 2.100 ug/L m

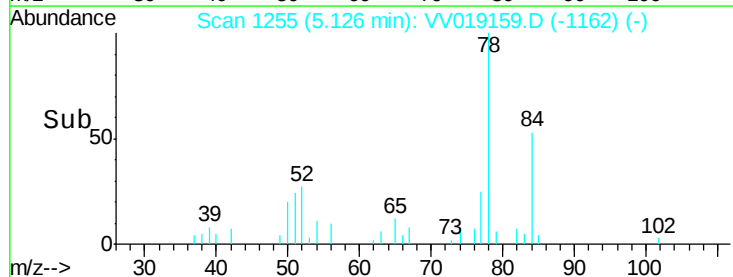
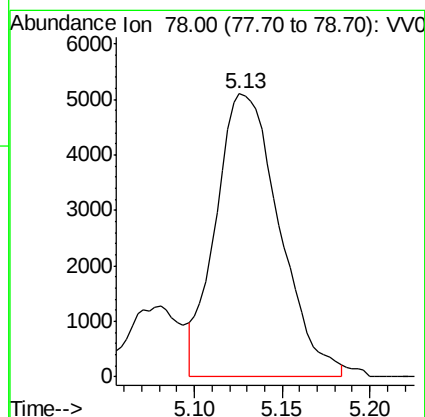
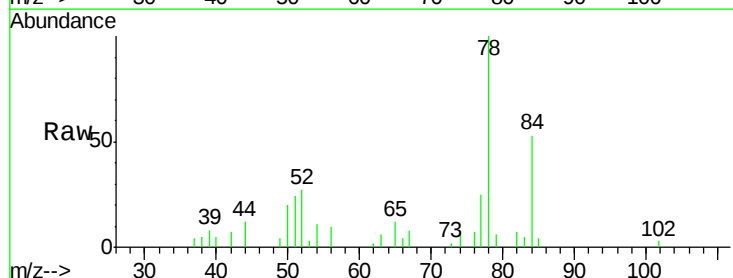
RT: 5.13 min Scan# 1255

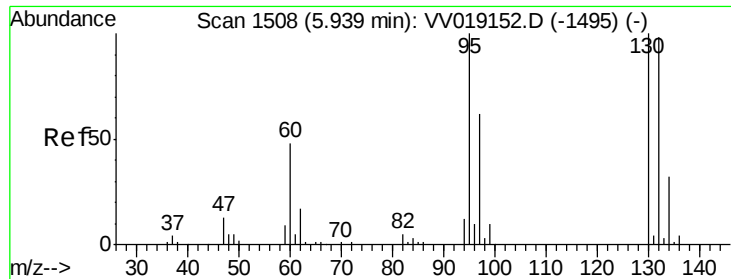
Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion: 78 Resp: 12874





#34
 Trichloroethene
 Concen: 1.971 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

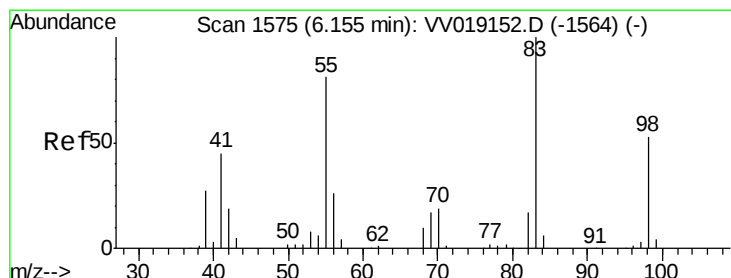
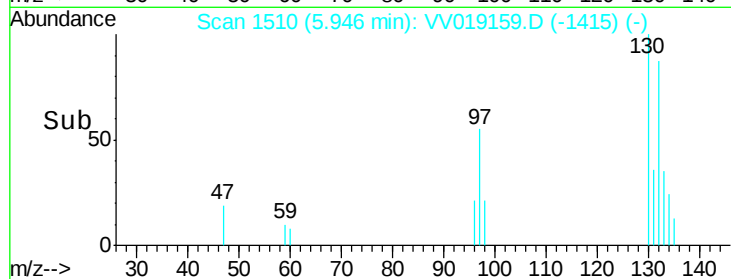
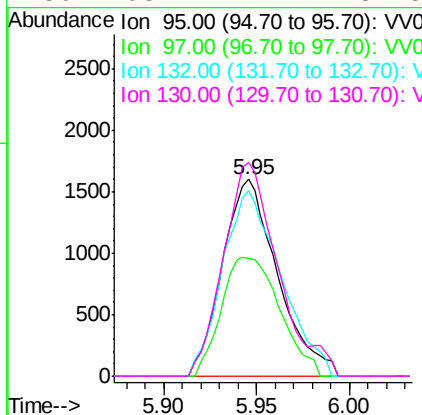
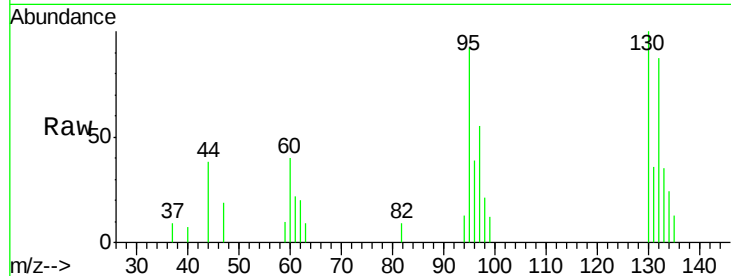
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tot Ion: 95 Resp: 3309

Ion	Ratio	Lower	Upper
95	100		
97	59.8	43.4	80.6
132	94.1	69.7	129.4
130	108.4	72.4	134.5

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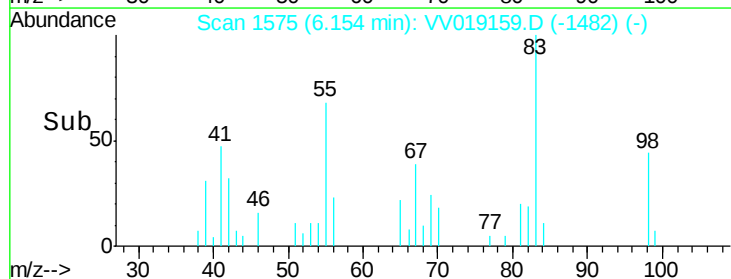
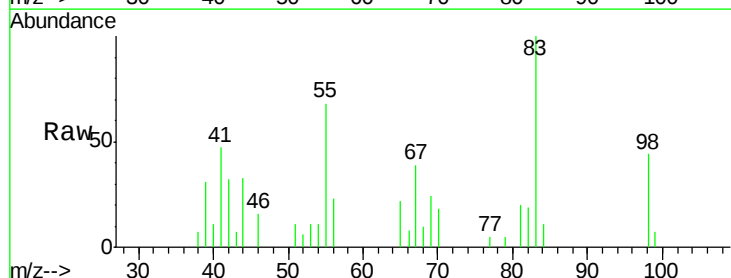
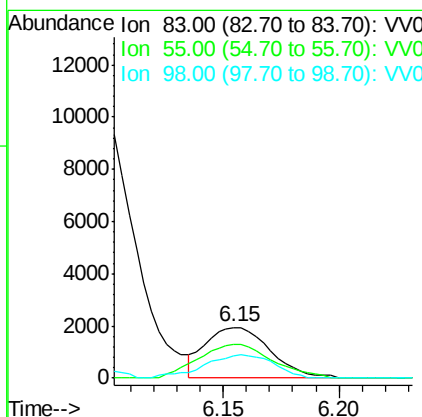
MMDadoda
 11/2/2020 2:27:07 PM

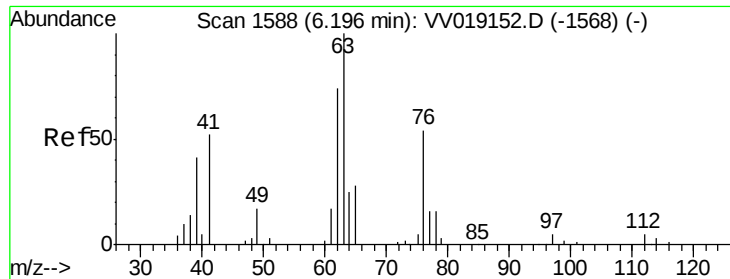


#35
 Methylcyclohexane
 Concen: 1.666 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Tgt Ion: 83 Resp: 3777

Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.2	93.4
98	49.0	39.4	59.2





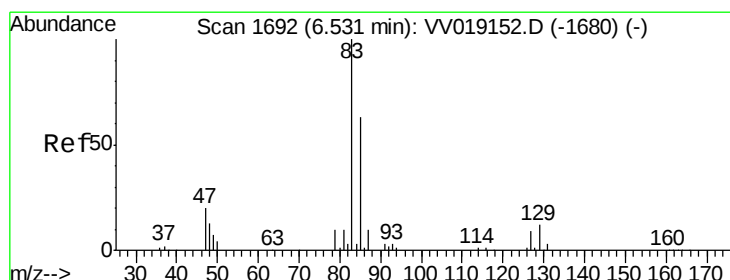
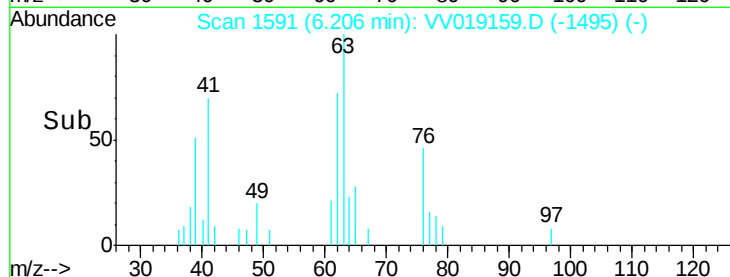
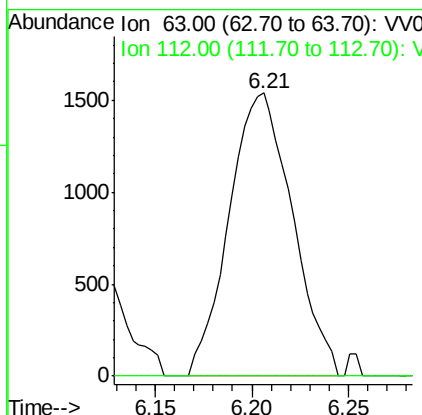
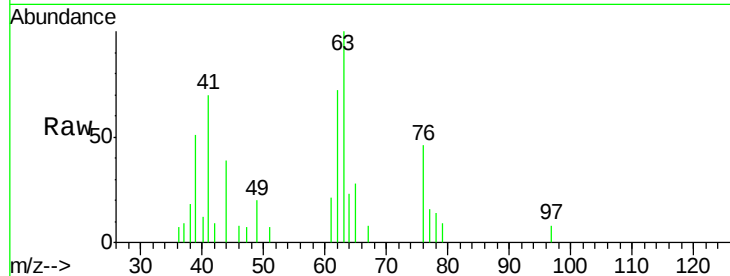
#37
 1,2-Dichloropropane
 Concen: 2.293 ug/L
 RT: 6.21 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tot Ion: 63 Resp: 3490
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#

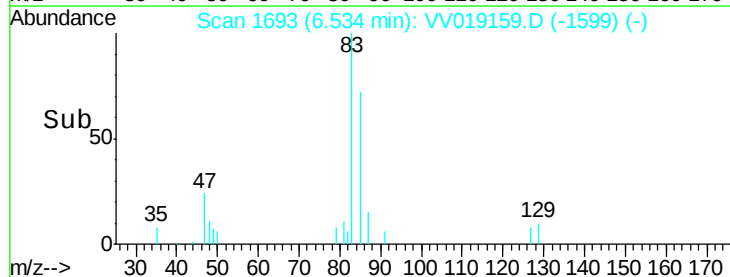
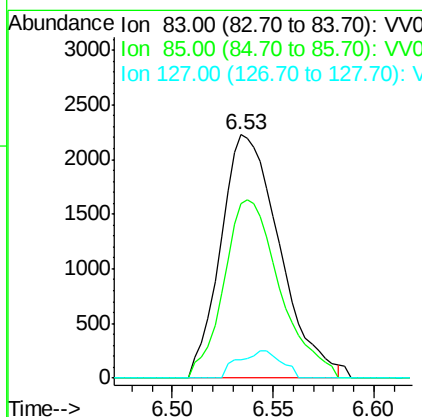
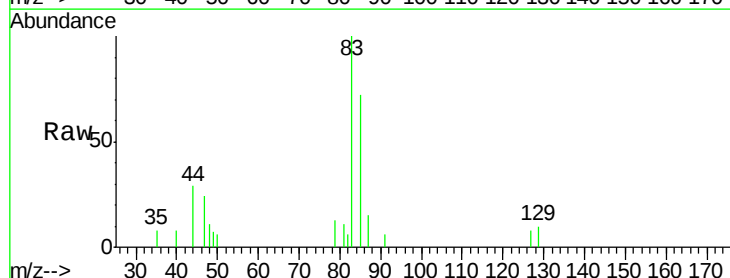
Manual Integrations
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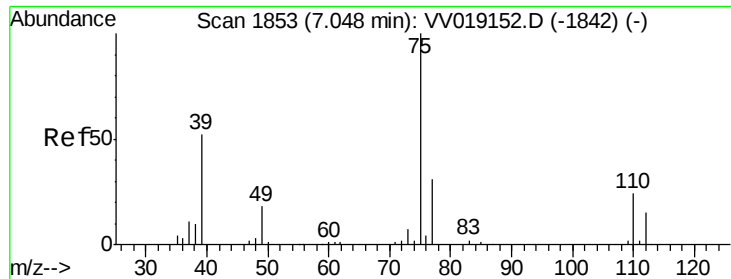
MMDadoda
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#38
 Bromodichloromethane
 Concen: 2.000 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Tgt Ion: 83 Resp: 4529
 Ion Ratio Lower Upper
 83 100
 85 71.5 45.9 85.3
 127 7.6 6.9 10.3





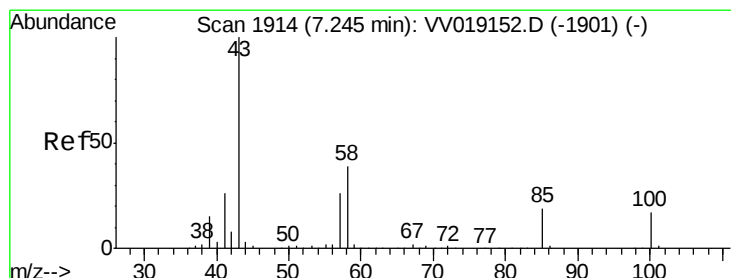
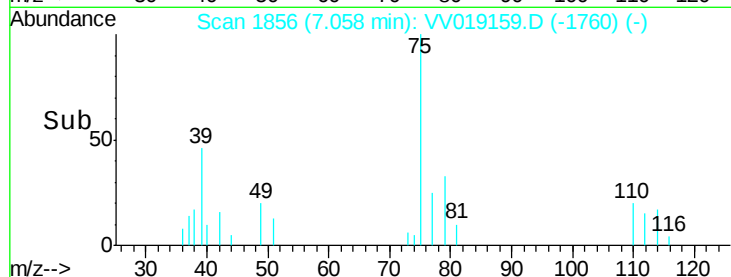
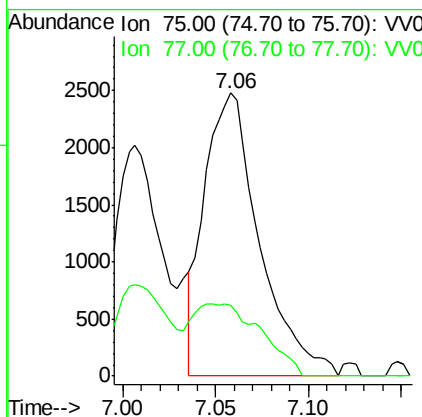
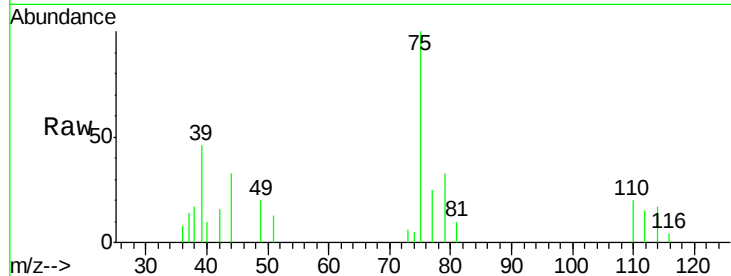
#39
 cis-1,3-Dichloropropene
 Concen: 2.032 ug/L
 RT: 7.06 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tot Ion: 75 Resp: 5110
 Ion Ratio Lower Upper
 75 100
 77 25.1 22.7 42.1

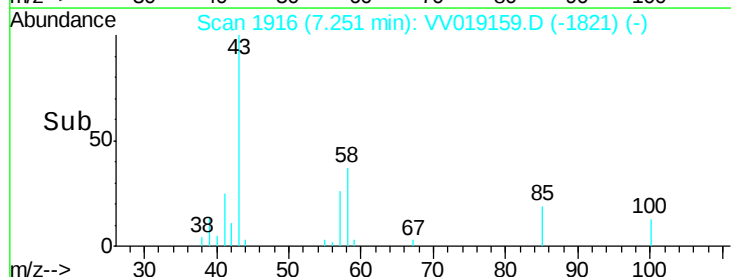
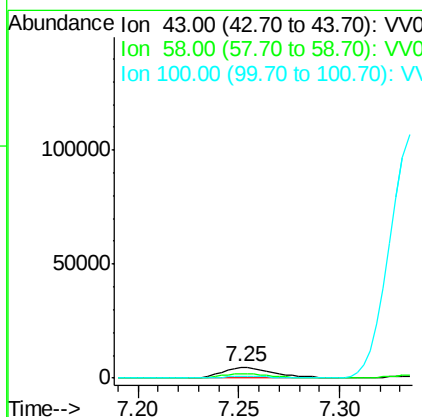
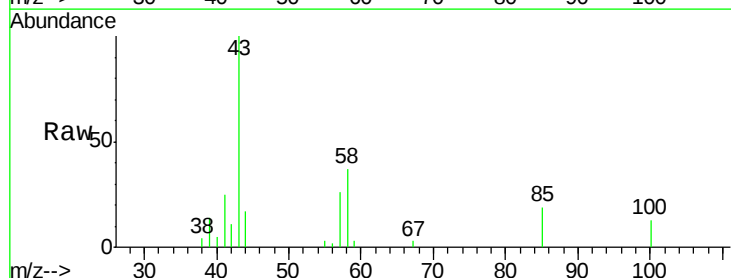
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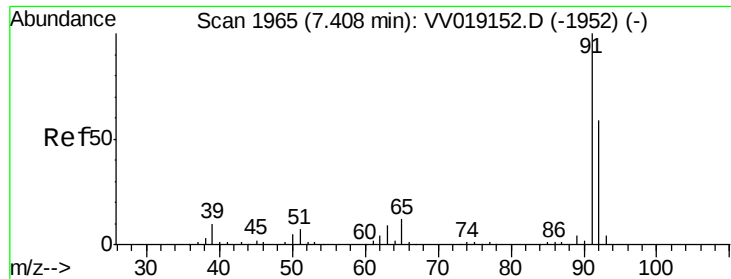
MMDadoda
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#40
 4-Methyl-2-pentanone
 Concen: 4.015 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Tgt Ion: 43 Resp: 8431
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4
 100 16.3 13.2 19.8





#42

Toluene

Concen: 2.605 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

MDL05

Tot Ion: 91 Resp: 17508

Ion Ratio Lower Upper

91 100

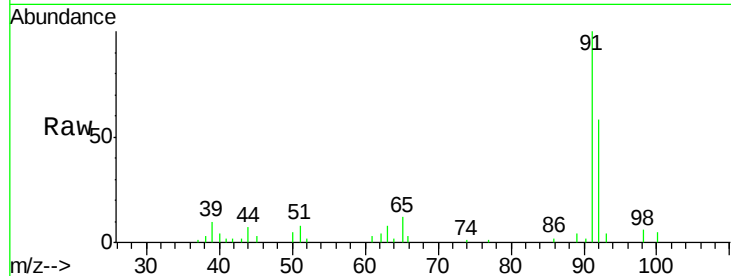
92 57.7 41.5 77.1

Manual Integrations

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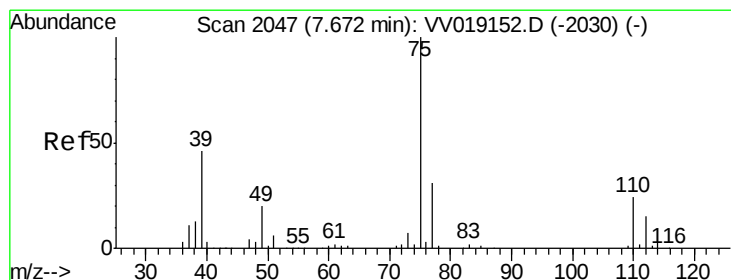
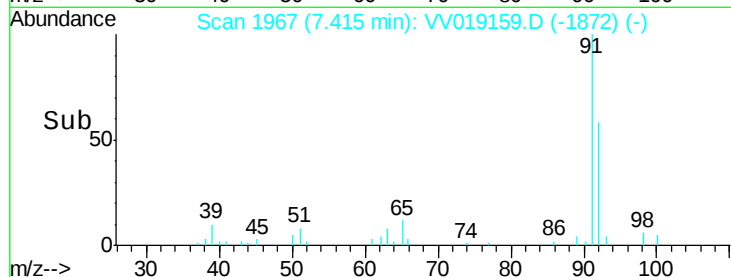
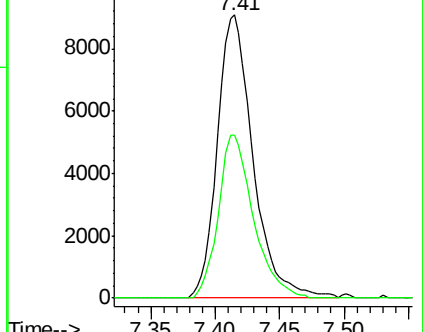
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Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 1.827 ug/L m

RT: 7.68 min Scan# 2048

Delta R.T. 0.00 min

Lab File: VV019159.D

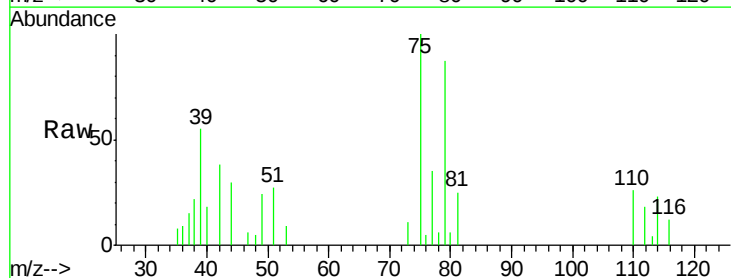
Acq: 29 Oct 2020 20:48

Tgt Ion: 75 Resp: 4778

Ion Ratio Lower Upper

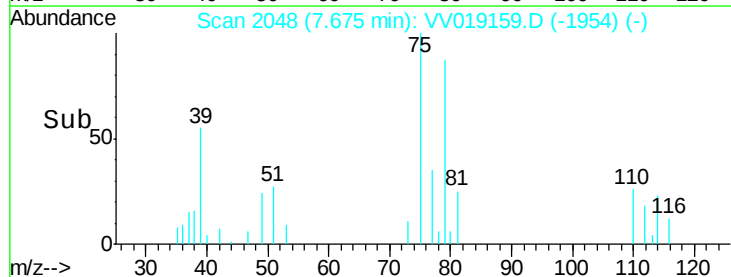
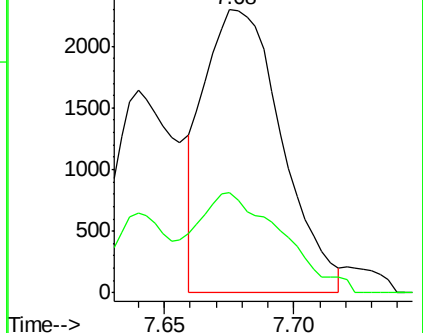
75 100

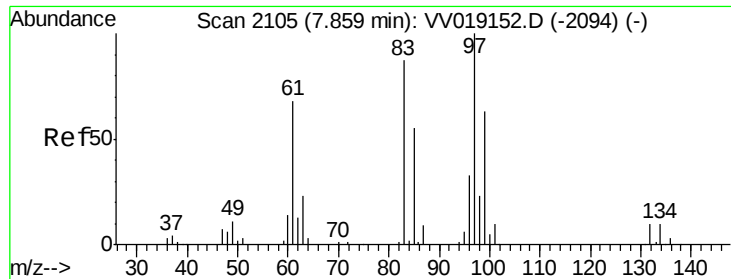
77 35.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





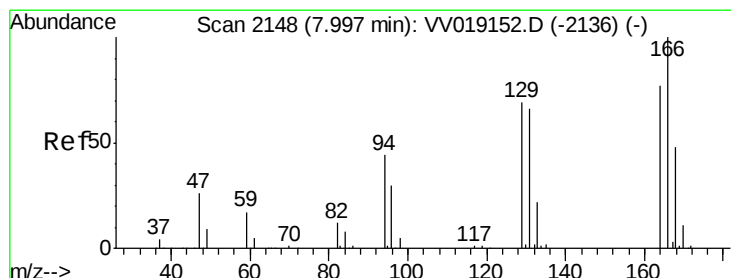
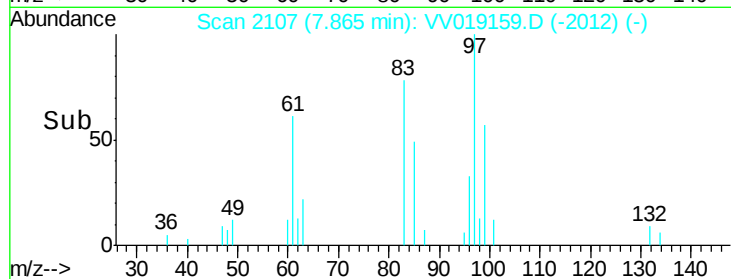
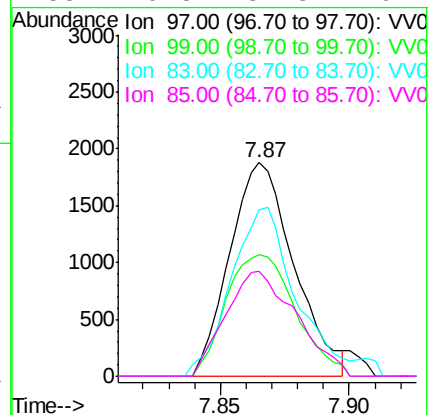
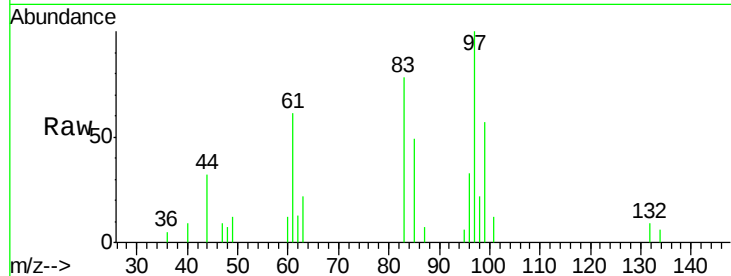
#45
1,1,2-Trichloroethane
Concen: 2.136 ug/L
RT: 7.87 min Scan# 2107
Delta R.T. 0.01 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tot Ion:	97	Resp:	3261
Ion	Ratio	Lower	Upper
97	100		
99	56.7	43.1	80.1
83	78.0	58.3	108.3
85	49.3	37.8	70.2

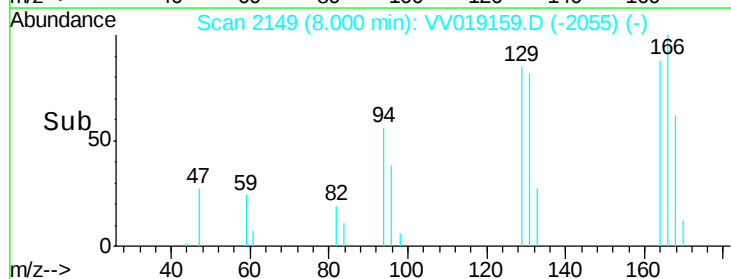
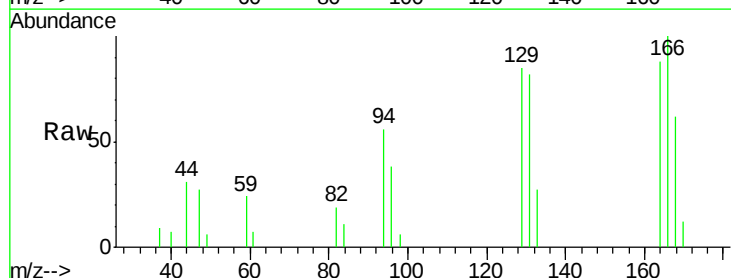
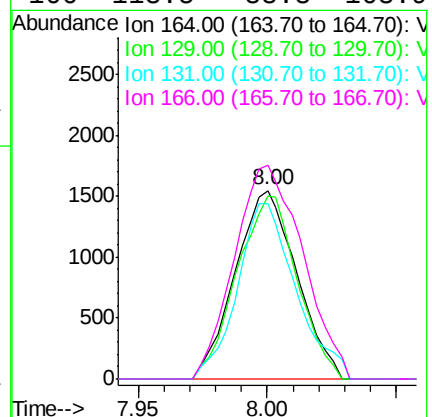
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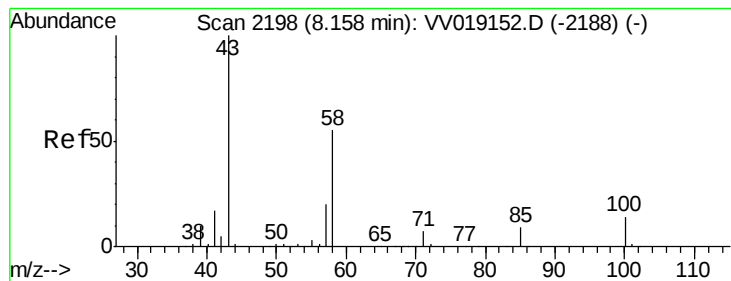
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#46
Tetrachloroethene
Concen: 1.789 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion:	164	Resp:	2565
Ion	Ratio	Lower	Upper
164	100		
129	97.0	63.2	117.4
131	92.9	60.3	112.1
166	113.5	88.3	163.9





#48

2-Hexanone

Concen: 5.442 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV019159.D

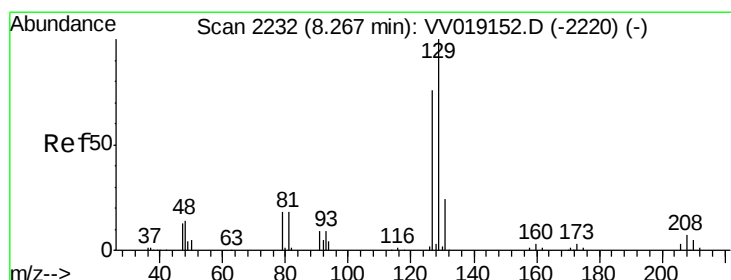
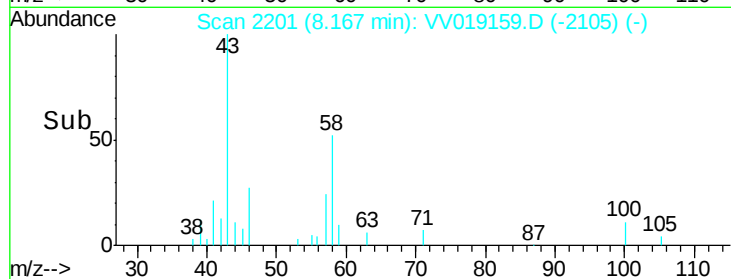
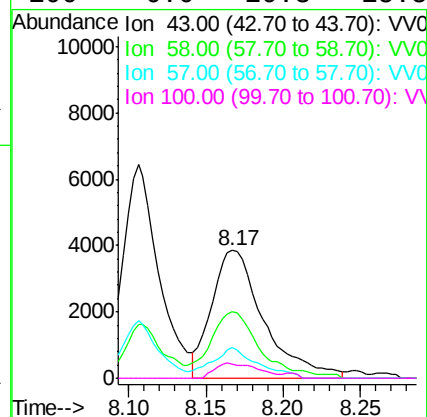
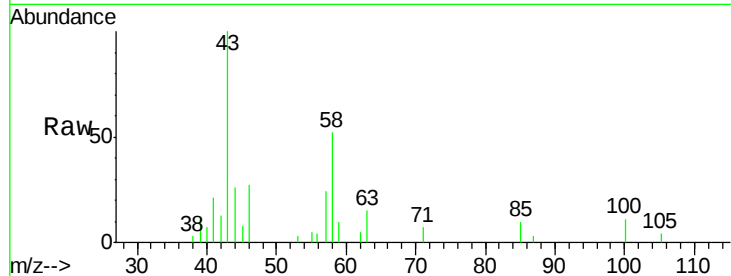
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tot Ion:	43	Resp:	9084
Ion	Ratio	Lower	Upper
43	100		
58	39.9	43.6	65.4#
57	21.0	16.0	24.0
100	6.0	10.3	15.5#

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#49

Dibromochloromethane

Concen: 2.081 ug/L

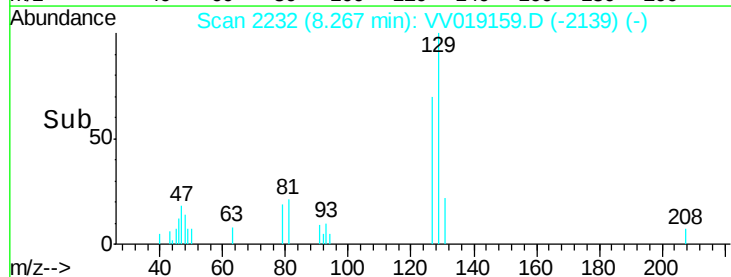
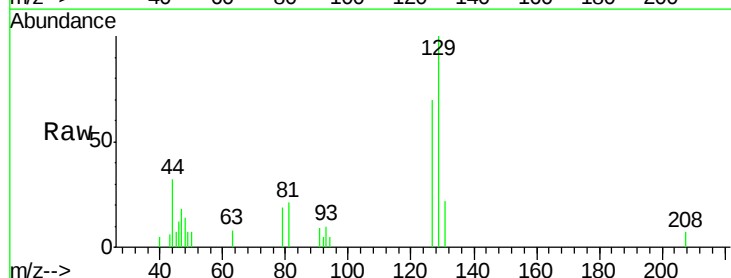
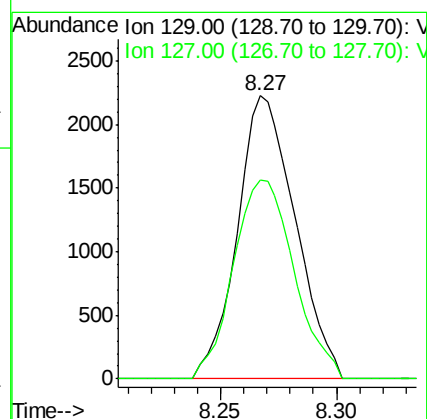
RT: 8.27 min Scan# 2232

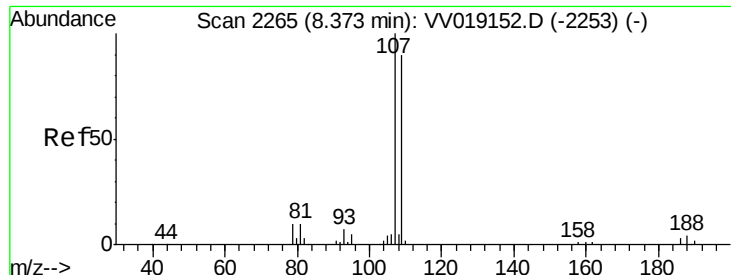
Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion:	129	Resp:	3846
Ion	Ratio	Lower	Upper
129	100		
127	70.4	54.7	101.5





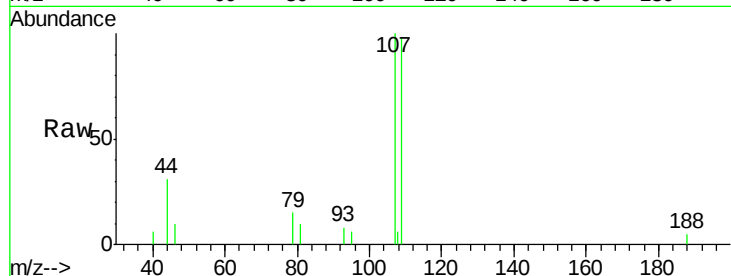
#50
1,2-Dibromoethane
Concen: 2.103 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

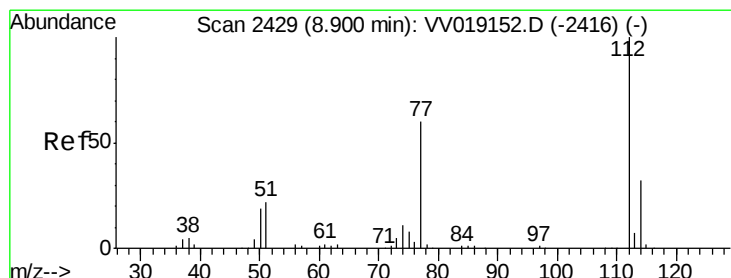
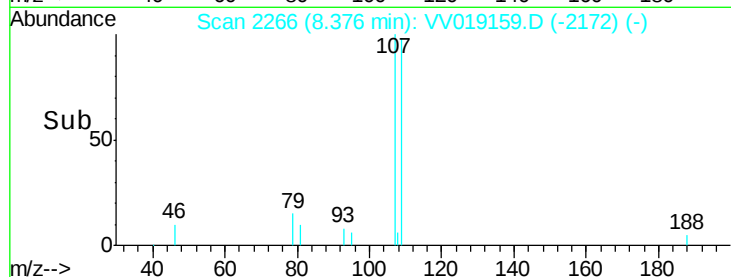
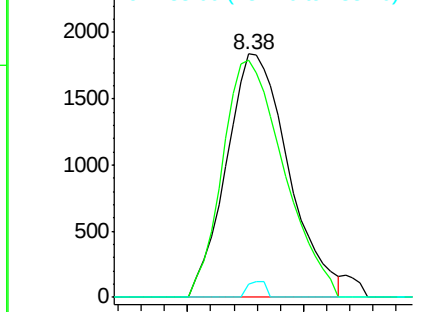
Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	65.7	121.9
188	5.4	3.4	5.2#

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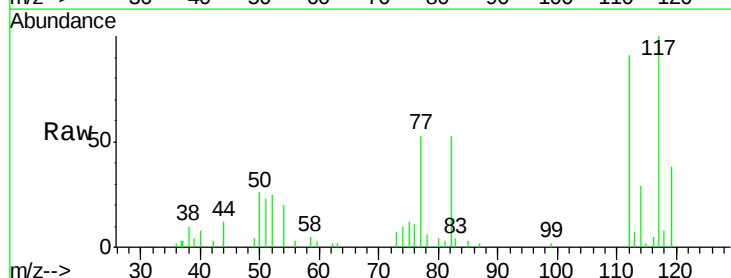


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

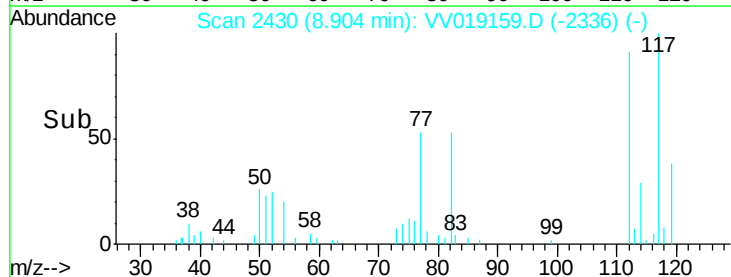
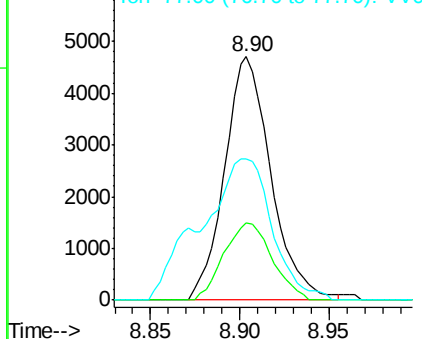


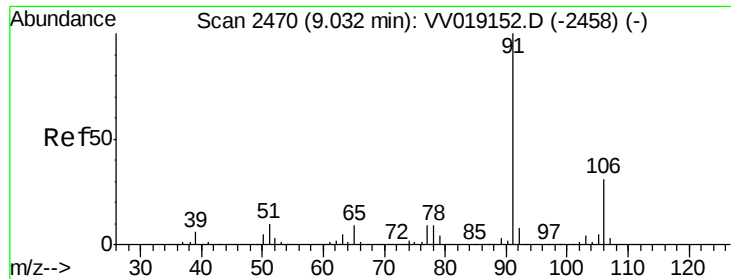
#51
Chlorobenzene
Concen: 1.935 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.3	41.5
77	57.8	46.7	70.1



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 1.823 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tot Ion: 91 Resp: 13501

Ion Ratio Lower Upper

91 100

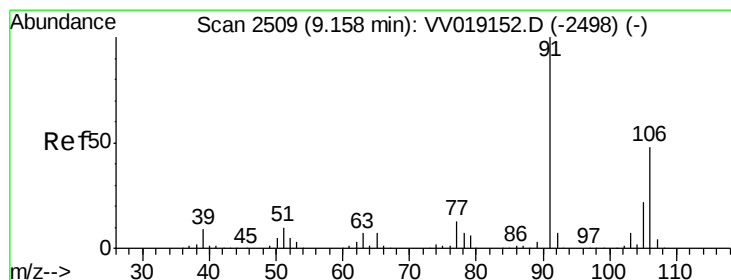
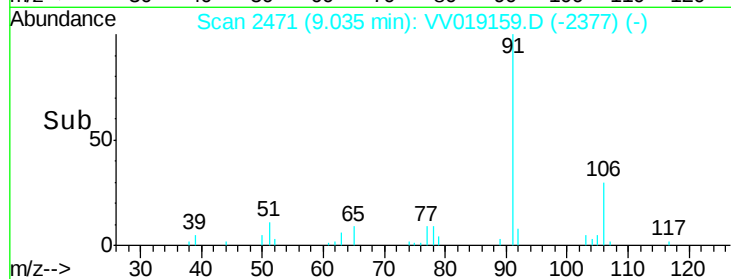
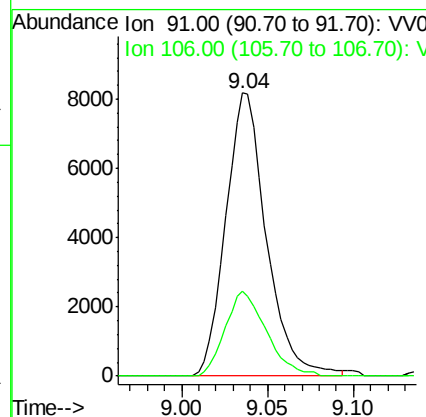
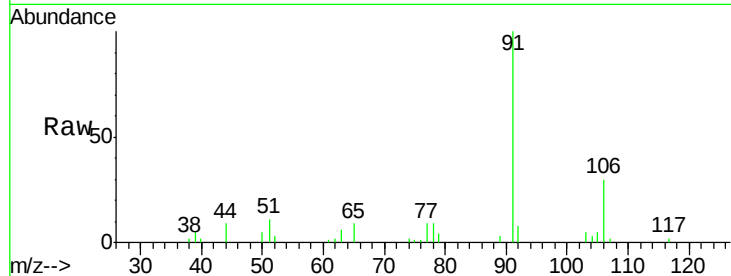
106 30.1 21.6 40.0

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11/2/2020 2:27:07 PM



#53

m,p-Xylene

Concen: 1.726 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV019159.D

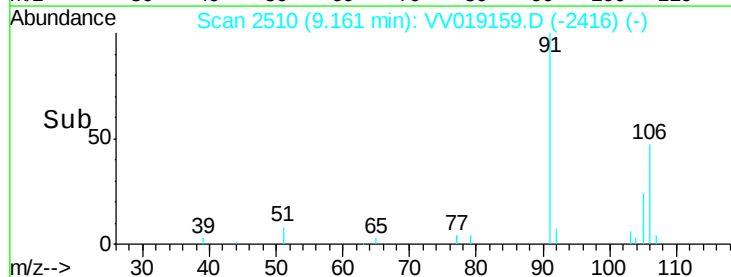
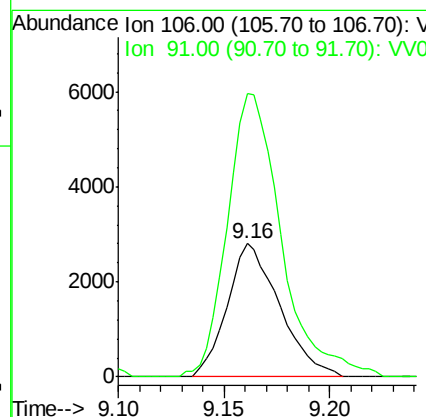
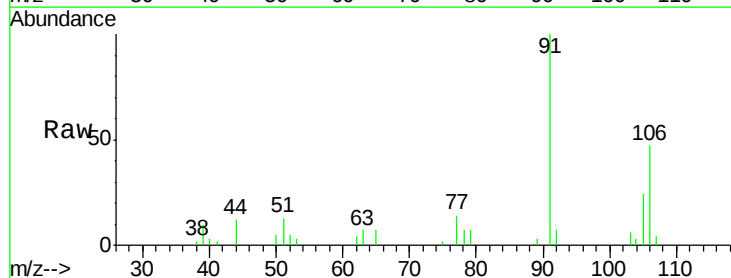
Acq: 29 Oct 2020 20:48

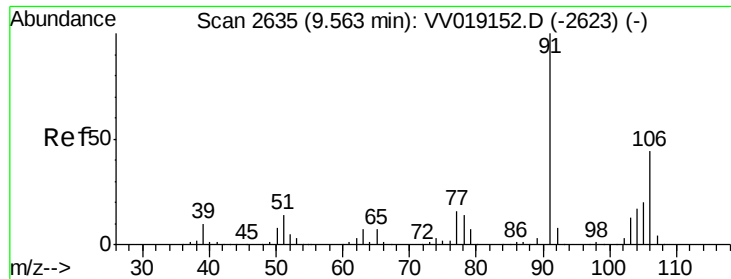
Tgt Ion: 106 Resp: 4826

Ion Ratio Lower Upper

106 100

91 212.2 145.4 270.0





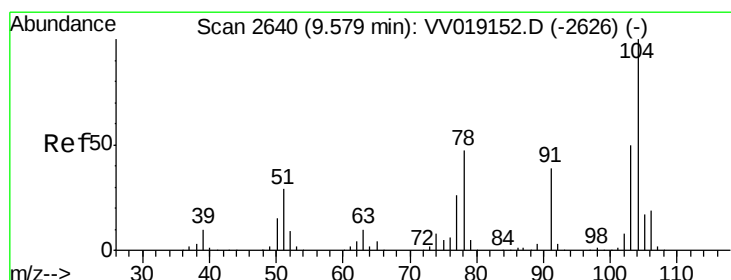
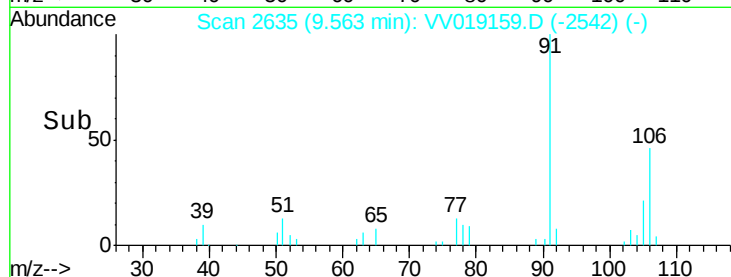
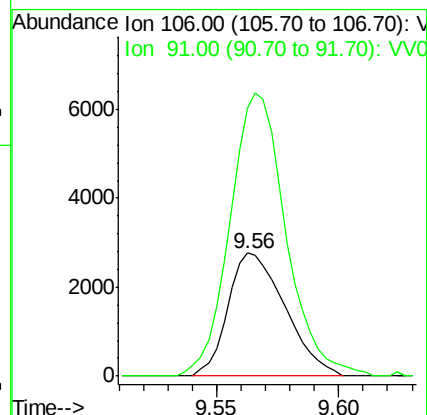
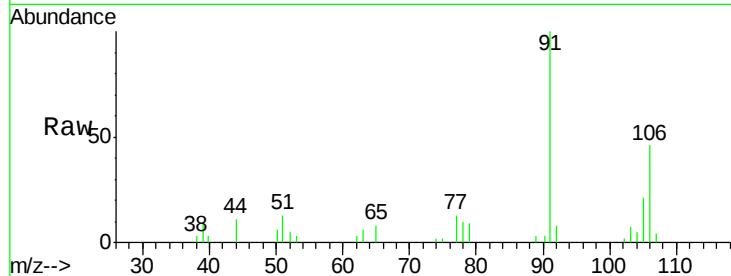
#54
o-xylene
Concen: 1.678 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tot Ion:106 Resp: 4507
Ion Ratio Lower Upper
106 100
91 217.8 153.4 285.0

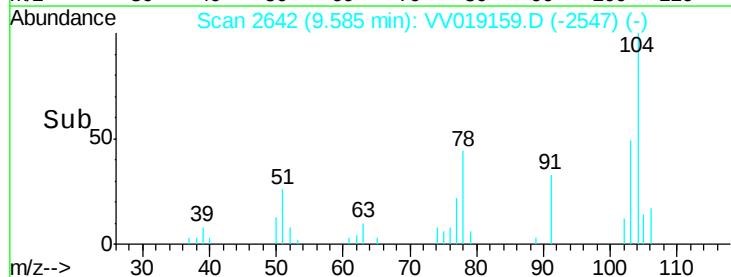
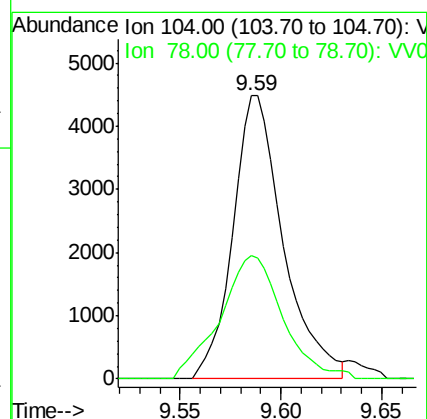
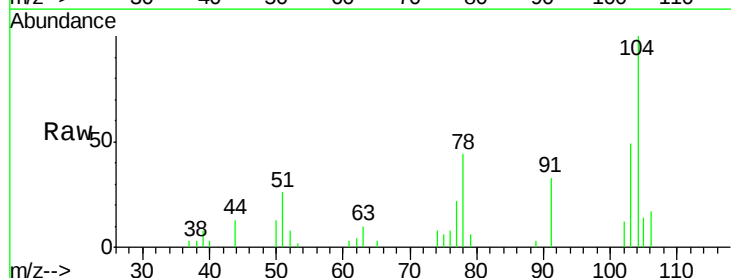
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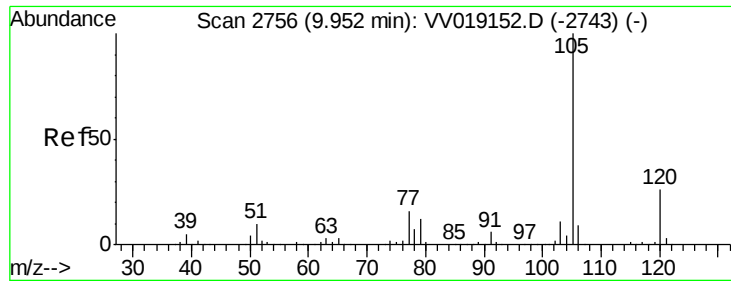
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#55
Styrene
Concen: 1.648 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion:104 Resp: 7842
Ion Ratio Lower Upper
104 100
78 43.7 32.8 60.8





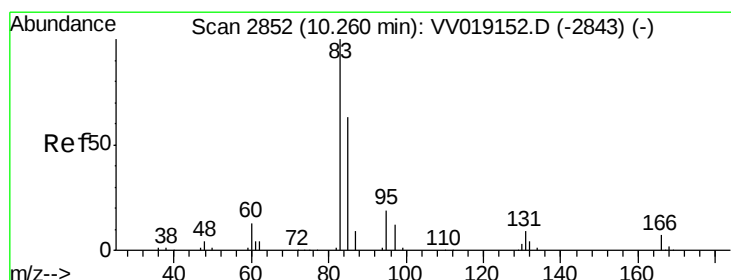
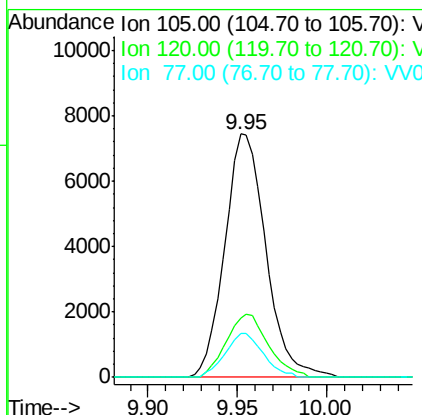
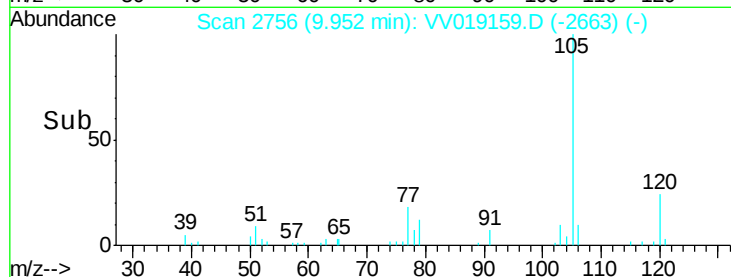
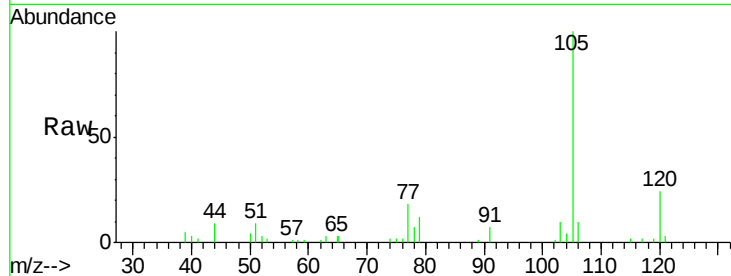
#56
Isopropylbenzene
Concen: 1.660 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.3	31.9
77	16.6	13.0	19.4

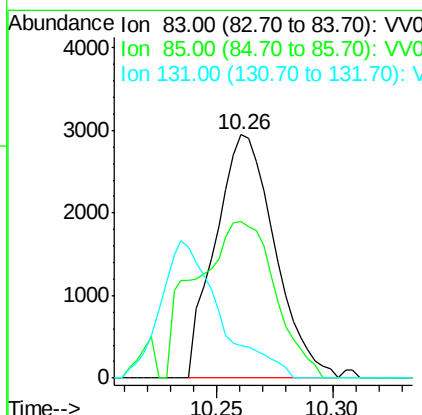
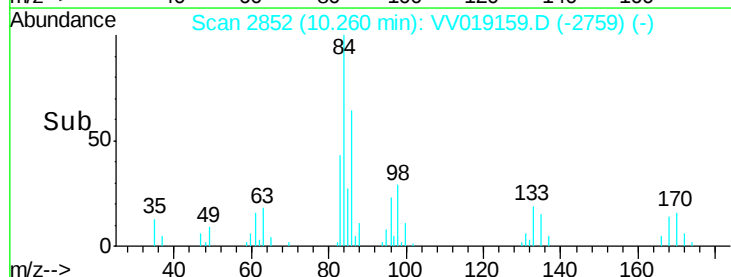
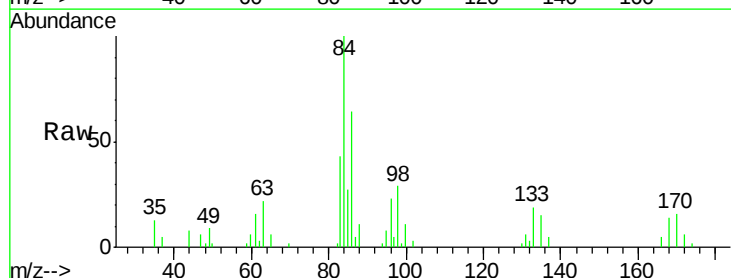
Manual Integrations
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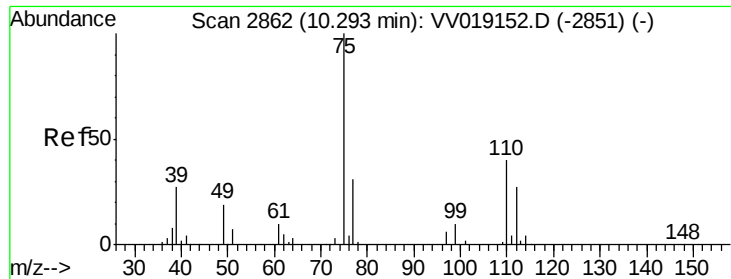
MMDadoda
11/2/2020 2:27:07 PM



#58
1,1,2,2-Tetrachloroethane
Concen: 2.259 ug/L
RT: 10.26 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VV019159.D
Acq: 29 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.8	85.0
131	13.6	8.9	13.3#





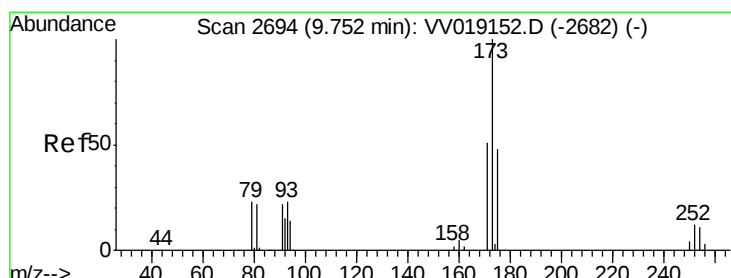
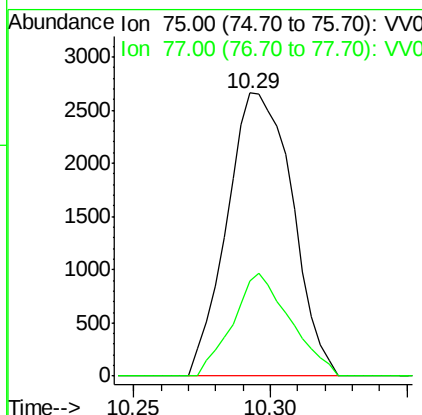
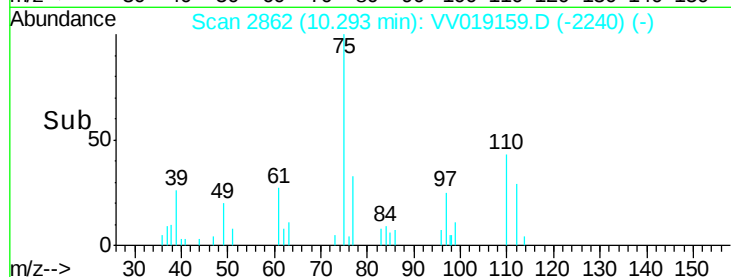
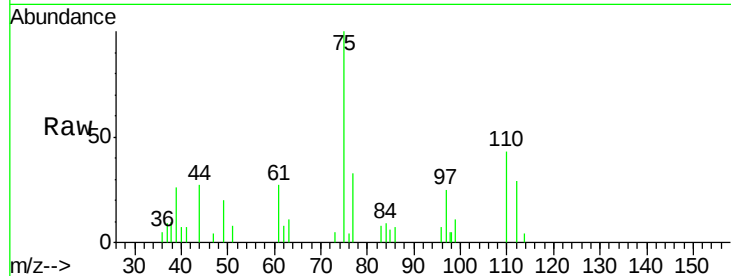
#59
 1,2,3-Trichloropropane
 Concen: 2.225 ug/L
 RT: 10.29 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tot Ion: 75 Resp: 4427
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4

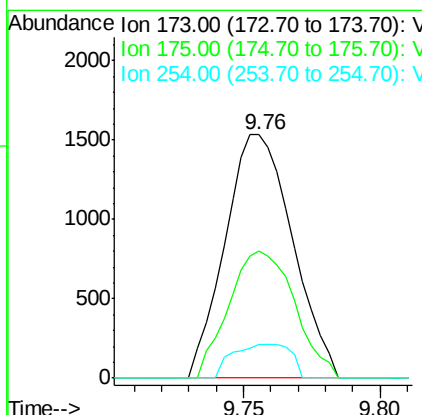
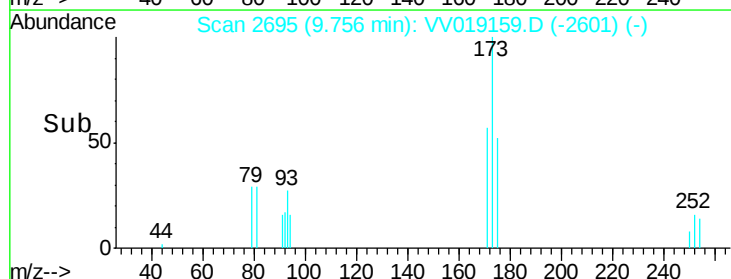
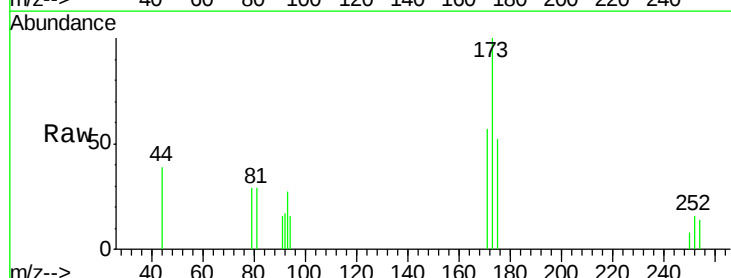
Manual Integrations
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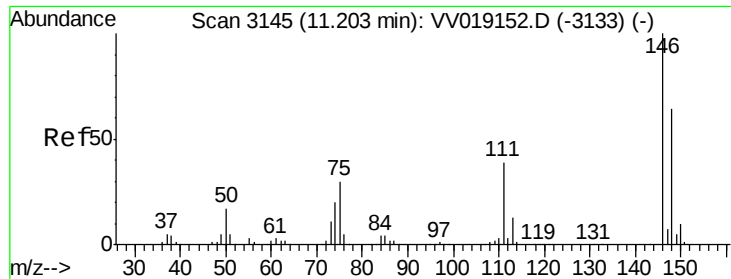
MMDadoda
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#61
 Bromoform
 Concen: 1.996 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Tgt Ion: 173 Resp: 2630
 Ion Ratio Lower Upper
 173 100
 175 51.0 39.8 59.6
 254 11.9 9.7 14.5





#62

1,3-Dichlorobenzene

Concen: 1.940 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

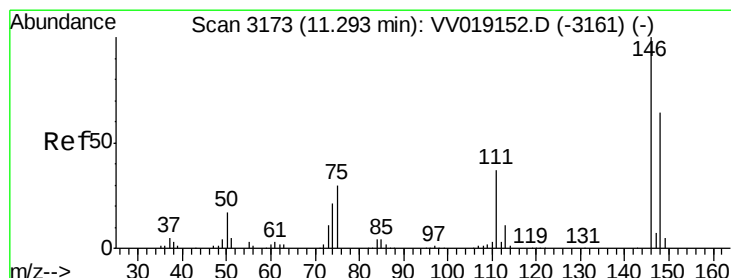
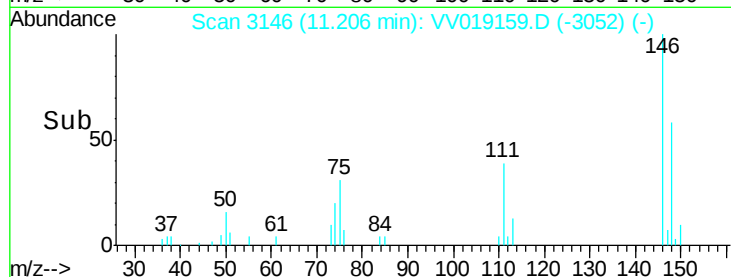
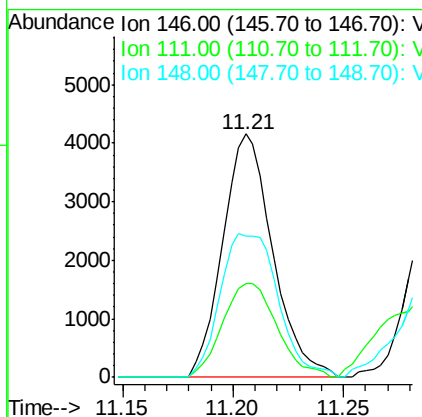
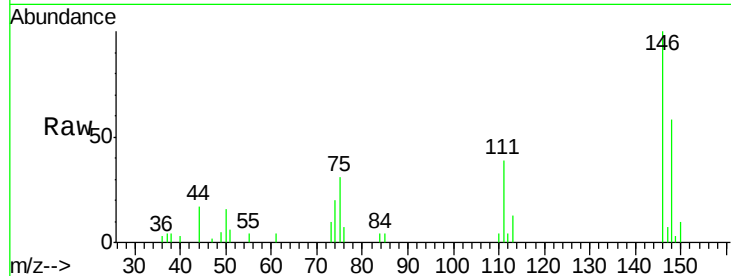
ClientSampled :

MDL05

Tot Ion:	146	Resp:	6535
Ion Ratio	Lower	Upper	
146	100		
111	38.6	27.1	50.3
148	58.2	44.7	83.1

Manual Integrations
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11/2/2020 2:27:07 PM



#63

1,4-Dichlorobenzene

Concen: 2.096 ug/L

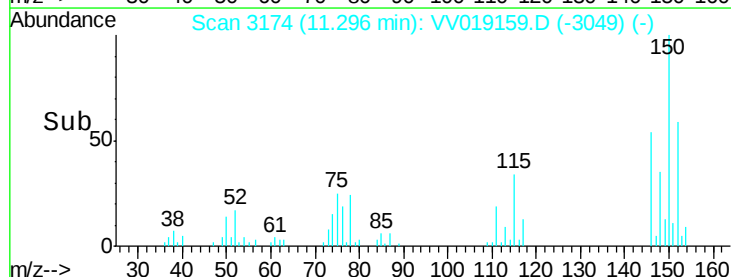
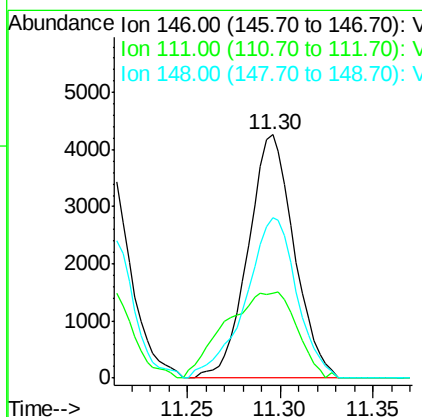
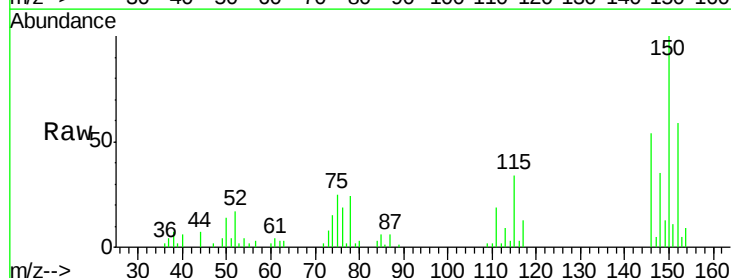
RT: 11.30 min Scan# 3174

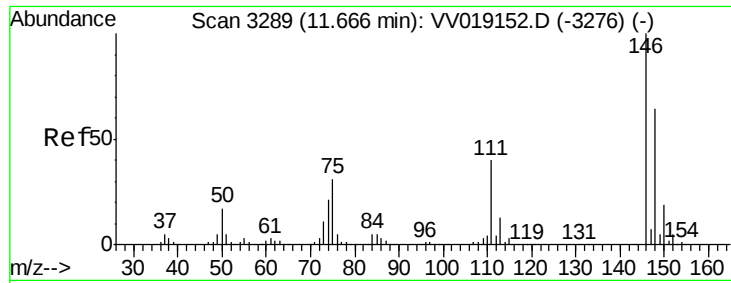
Delta R.T. 0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion:	146	Resp:	7338
Ion Ratio	Lower	Upper	
146	100		
111	34.9	25.8	48.0
148	66.0	44.0	81.6





#65

1,2-Dichlorobenzene

Concen: 2.223 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

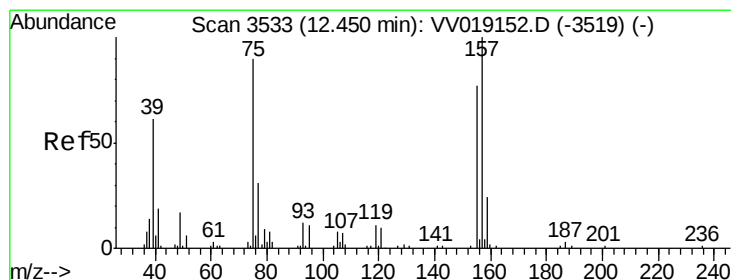
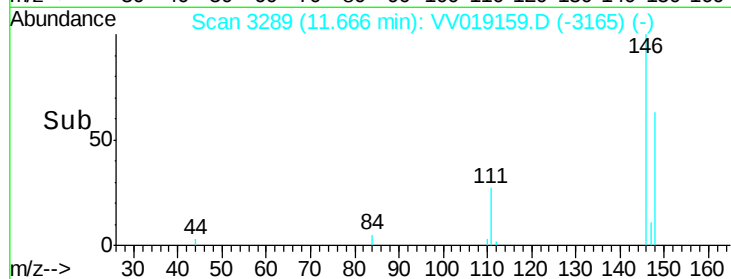
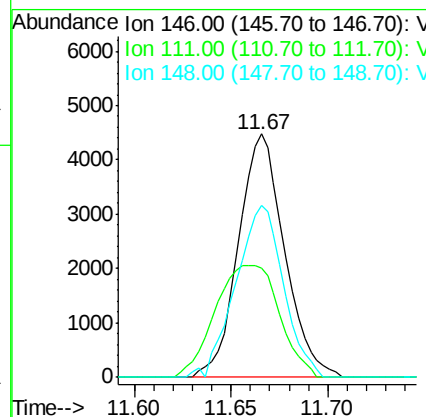
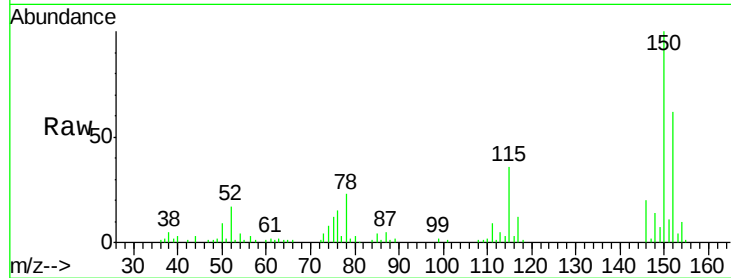
ClientSampleId :

MDL05

Tot Ion:	146	Resp:	7420
Ion	Ratio	Lower	Upper
146	100		
111	44.9	32.2	48.4
148	70.4	50.8	76.2

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#66

1,2-Dibromo-3-chloropropane

Concen: 1.966 ug/L

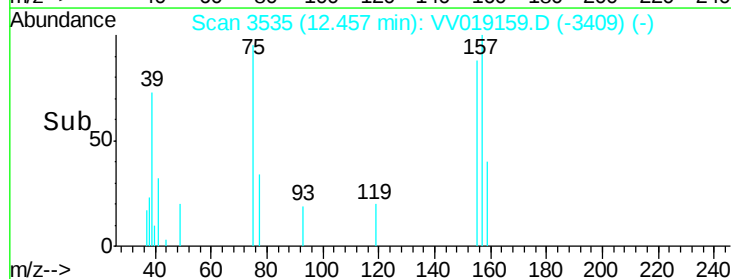
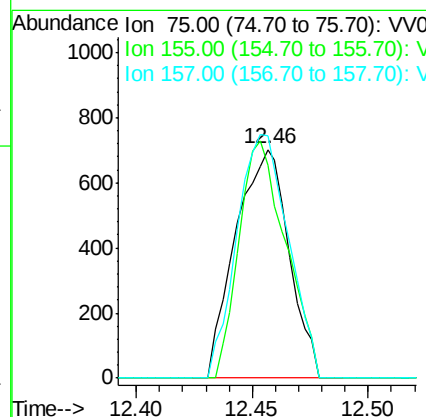
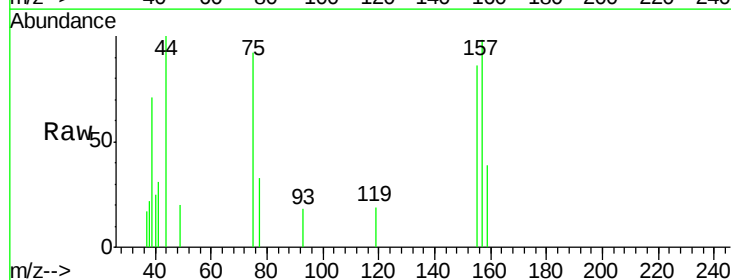
RT: 12.46 min Scan# 3535

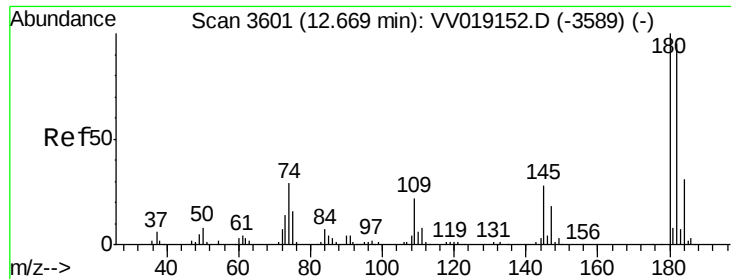
Delta R.T. 0.01 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion:	75	Resp:	1123
Ion	Ratio	Lower	Upper
75	100		
155	92.9	71.1	106.7
157	105.7	90.5	135.7





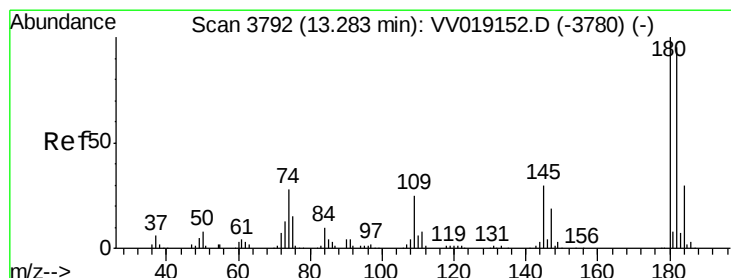
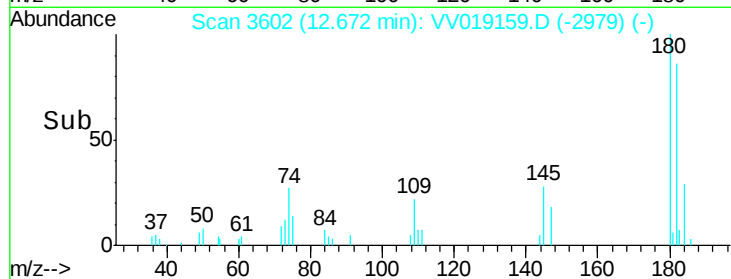
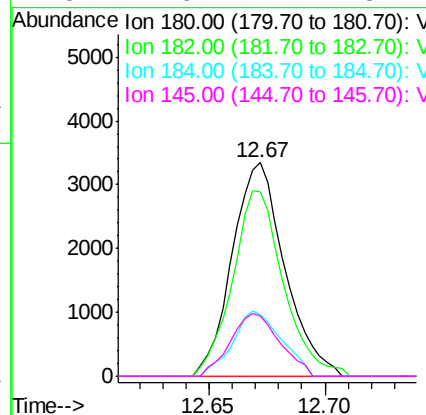
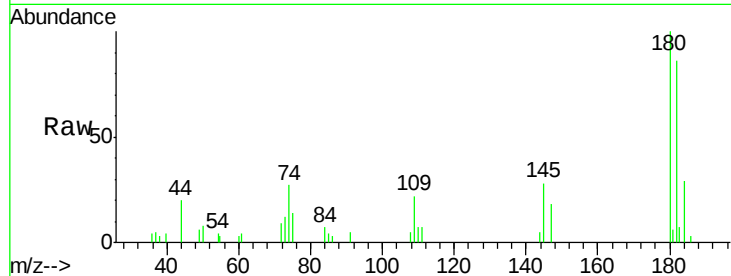
#67
 1,3,5-Trichlorobenzene
 Concen: 2.115 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.3	76.1	114.1
184	28.3	24.5	36.7
145	27.6	22.7	34.1

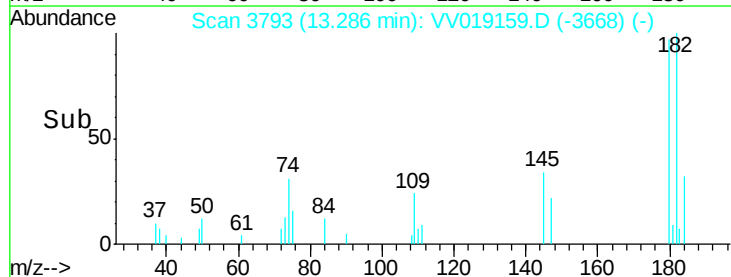
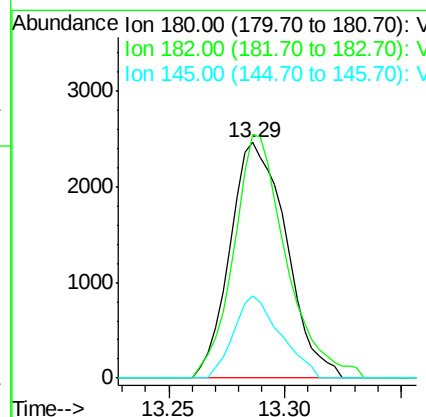
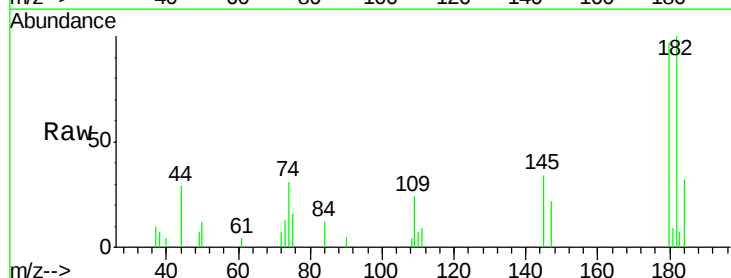
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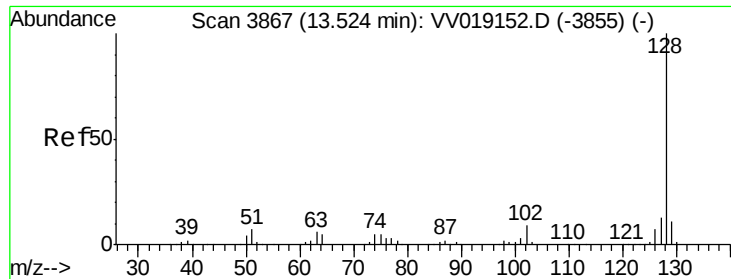
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#68
 1,2,4-trichlorobenzene
 Concen: 1.789 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV019159.D
 Acq: 29 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	28.9	22.6	34.0





#69

Naphthalene

Concen: 1.523 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Instrument :

MSVOA_V

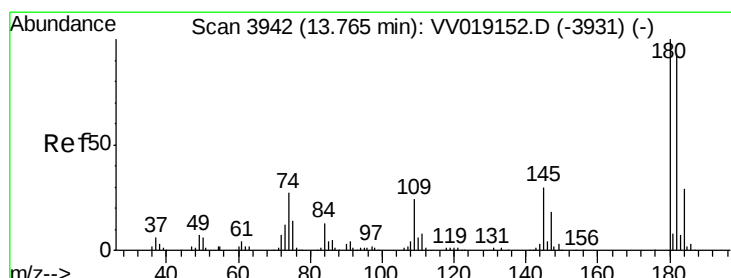
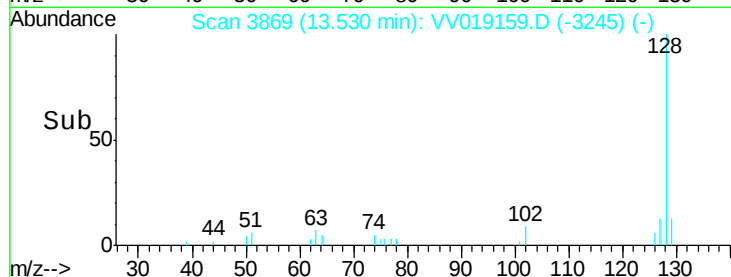
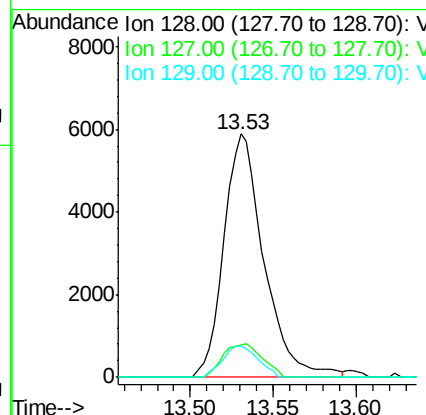
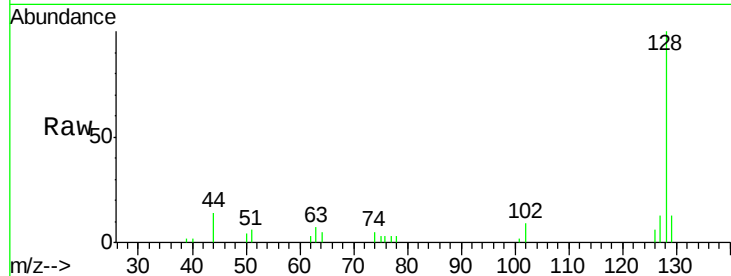
ClientSampleId :

MDL05

Tot Ion:	128	Resp:	9914
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.3	8.6	13.0

Manual Integrations
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#70

1,2,3-Trichlorobenzene

Concen: 1.879 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VV019159.D

Acq: 29 Oct 2020 20:48

Tgt Ion:	180	Resp:	4273
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.4
145	29.5	25.1	37.7

