

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027210.D
 Acq On : 04 Aug 2022 14:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV257

Quant Time: Aug 05 02:23:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:15:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	381760	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	371404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	198772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	123779	47.557	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	95.120%	
7) Chloroethane-d5	1.558	69	89339	46.952	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	93.900%	
11) 1,1-Dichloroethene-d2	2.101	63	223732	46.994	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	93.980%	
21) 2-Butanone-d5	3.873	46	230280	99.397	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	99.400%	
24) Chloroform-d	4.339	84	250979	47.075	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.160%	
26) 1,2-Dichloroethane-d4	5.024	65	156143	47.171	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.340%	
32) Benzene-d6	5.043	84	444632	49.922	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.840%	
36) 1,2-Dichloropropane-d6	6.063	67	154362	48.722	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.440%	
41) Toluene-d8	7.310	98	403325	53.127	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.260%	
43) trans-1,3-Dichloroprop...	7.616	79	68943	49.924	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	99.840%	
47) 2-Hexanone-d5	8.085	63	161406	105.776	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	105.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	250125	48.445	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	96.900%	
66) 1,2-Dichlorobenzene-d4	11.622	152	169648	49.422	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.840%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	160543	47.273	ug/L	99
3) Chloromethane	1.237	50	179281	46.210	ug/L	99
5) Vinyl chloride	1.307	62	180567	46.719	ug/L	98
6) Bromomethane	1.516	94	84028	46.118	ug/L	100
8) Chloroethane	1.577	64	100459	46.657	ug/L	99
9) Trichlorofluoromethane	1.745	101	233939	47.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	131500	47.821	ug/L	98
12) 1,1-Dichloroethene	2.111	96	121627	45.980	ug/L	86
13) Acetone	2.166	43	161449	90.375	ug/L	86
14) Carbon disulfide	2.285	76	443765	49.292	ug/L	100
15) Methyl Acetate	2.426	43	187927	46.251	ug/L #	82
16) Methylene chloride	2.500	84	164120	46.448	ug/L	84
17) trans-1,2-Dichloroethene	2.751	96	140718	48.072	ug/L	90
18) Methyl tert-butyl Ether	2.764	73	427249	49.075	ug/L #	94
19) 1,1-Dichloroethane	3.182	63	273605	46.560	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	149058	49.018	ug/L	88
22) 2-Butanone	3.957	43	255164	104.185	ug/L	99
23) Bromochloromethane	4.240	128	80261	47.265	ug/L	86

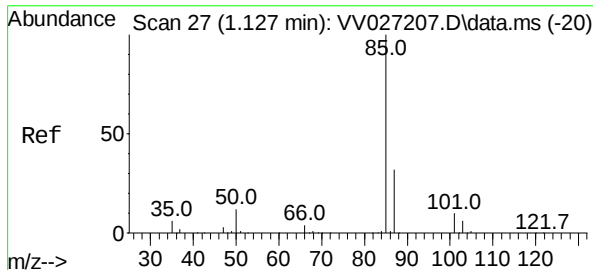
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.365	83	277300	46.694	ug/L	99
27) 1,2-Dichloroethane	5.124	62	218090	47.153	ug/L	94
29) Cyclohexane	4.670	56	228222	53.356	ug/L	90
30) 1,1,1-Trichloroethane	4.600	97	241096	48.976	ug/L	97
31) Carbon tetrachloride	4.818	117	205544	48.092	ug/L	98
33) Benzene	5.092	78	604705	50.666	ug/L	100
34) Trichloroethene	5.908	95	151887	49.701	ug/L	95
35) Methylcyclohexane	6.127	83	241618	53.768	ug/L	92
37) 1,2-Dichloropropane	6.166	63	166904	49.916	ug/L	99
38) Bromodichloromethane	6.503	83	212255	48.448	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	223419	50.444	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	501129	105.057	ug/L #	90
42) Toluene	7.384	91	640971	52.820	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	223393	51.325	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	155233	48.169	ug/L	99
46) Tetrachloroethene	7.973	164	112531	50.310	ug/L	98
48) 2-Hexanone	8.137	43	399900	105.263	ug/L #	90
49) Dibromochloromethane	8.243	129	164105	48.173	ug/L	100
50) 1,2-Dibromoethane	8.349	107	164264	49.537	ug/L	98
51) Chlorobenzene	8.879	112	401822	49.367	ug/L	96
52) Ethylbenzene	9.008	91	664286	53.051	ug/L	100
53) m,p-Xylene	9.137	106	255152	53.917	ug/L	94
54) o-Xylene	9.542	106	244673	53.070	ug/L	94
55) Styrene	9.558	104	452210	55.679	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	257630	47.720	ug/L	100
59) Bromoform	9.728	173	106623	45.148	ug/L	99
60) Isopropylbenzene	9.931	105	645048	51.495	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	207980	45.576	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	539946	52.195	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	539086	53.195	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	302329	49.797	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	310460	48.590	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	311250	48.929	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	57984	45.291	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	202304	49.612	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	170248	50.269	ug/L	99
71) Naphthalene	13.500	128	581396	50.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	194628	51.847	ug/L	100

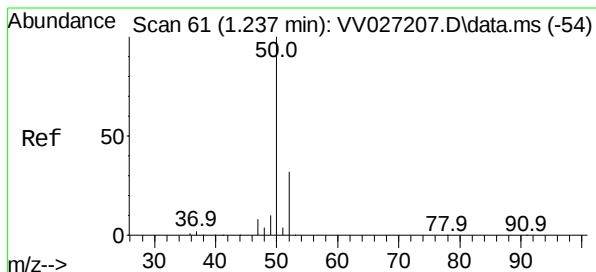
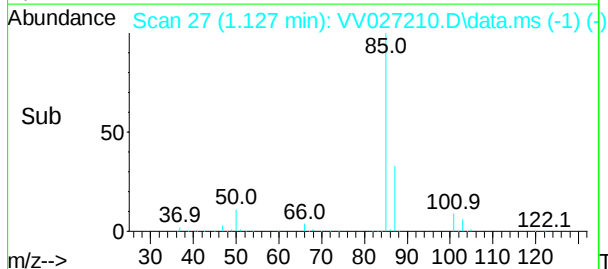
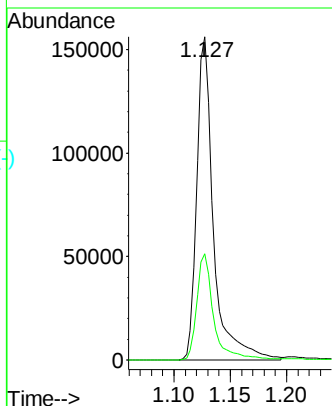
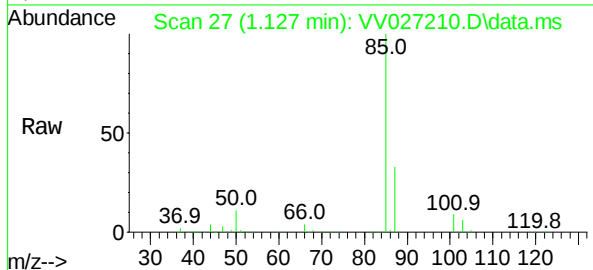
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Dichlorodifluoromethane
 Concen: 47.273 ug/L
 RT: 1.127 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VV027210.D
 Acq: 04 Aug 2022 14:00

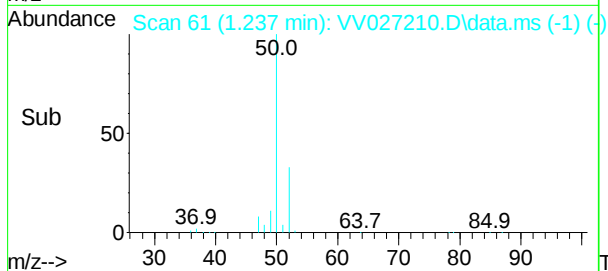
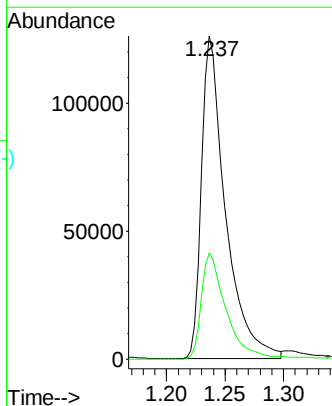
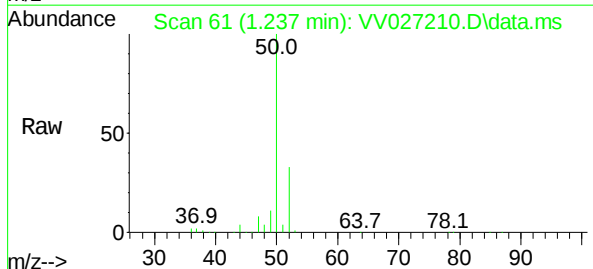
Instrument :
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 VICV257

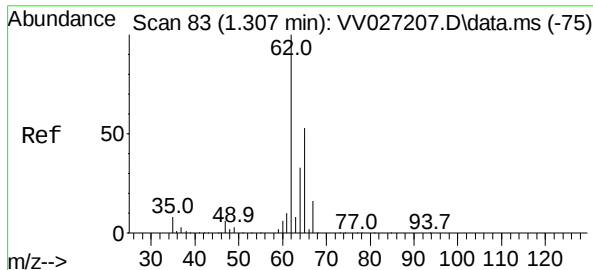
Tgt Ion: 85 Resp: 160543
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.1 39.1



Chloromethane
 Concen: 46.210 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027210.D
 Acq: 04 Aug 2022 14:00

Tgt Ion: 50 Resp: 179281
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.5 43.7





Vinyl chloride

Concen: 46.719 ug/L

RT: 1.307 min Scan# 83

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

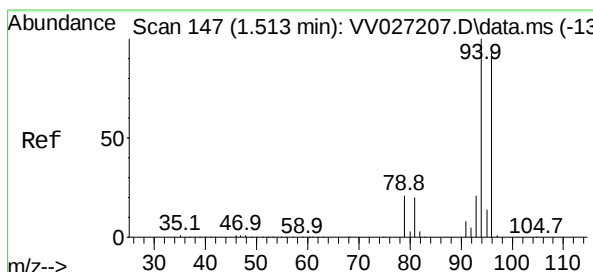
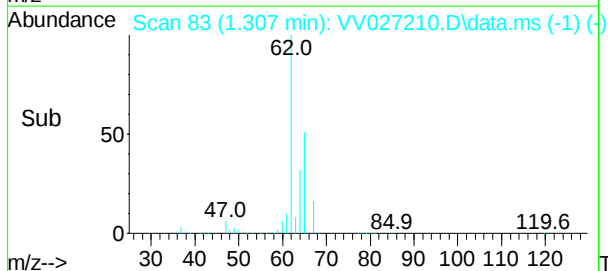
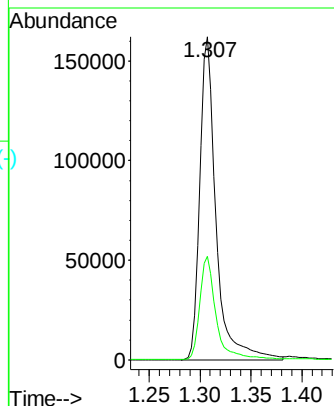
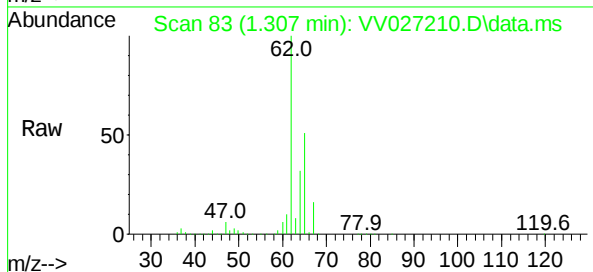
VICV257

Tgt Ion: 62 Resp: 180567

Ion Ratio Lower Upper

62 100

64 32.0 23.2 43.2



Bromomethane

Concen: 46.118 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.003 min

Lab File: VV027210.D

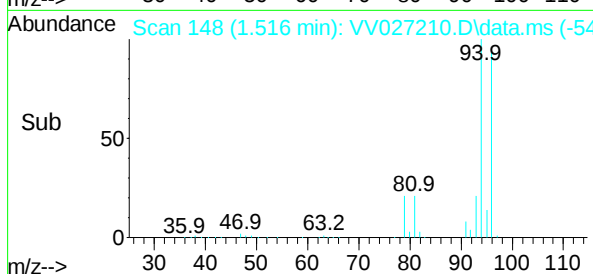
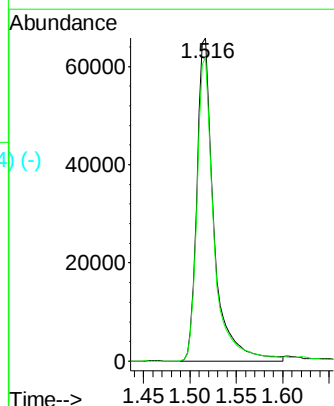
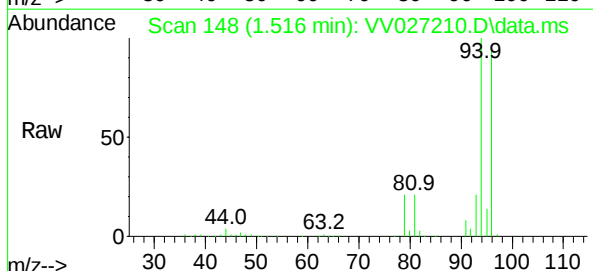
Acq: 04 Aug 2022 14:00

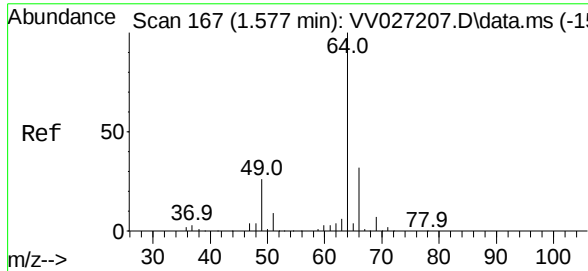
Tgt Ion: 94 Resp: 84028

Ion Ratio Lower Upper

94 100

96 94.1 66.1 122.8

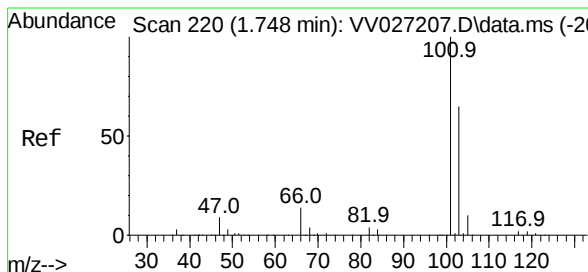
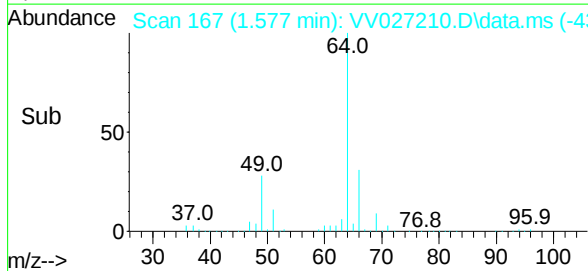
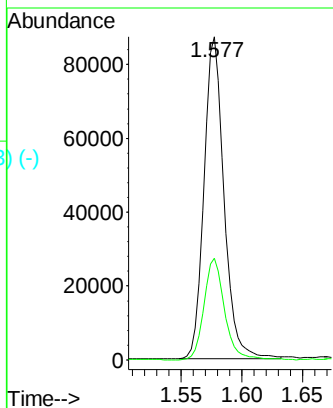
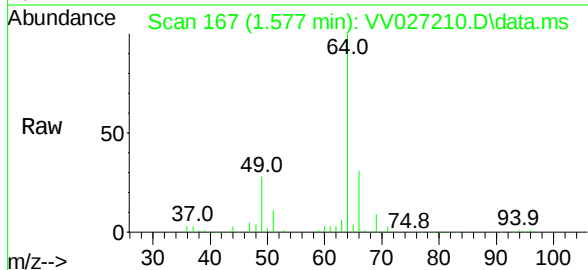




Chloroethane
 Concen: 46.657 ug/L
 RT: 1.577 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VV027210.D
 Acq: 04 Aug 2022 14:00

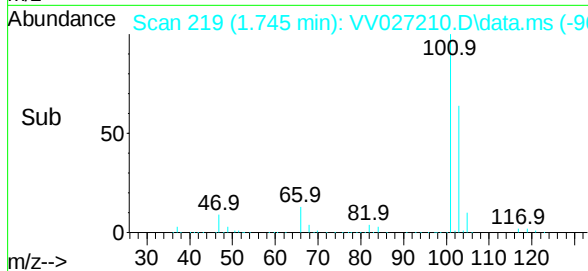
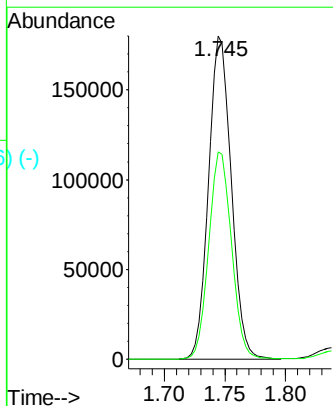
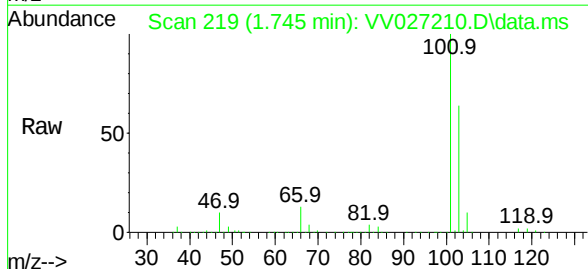
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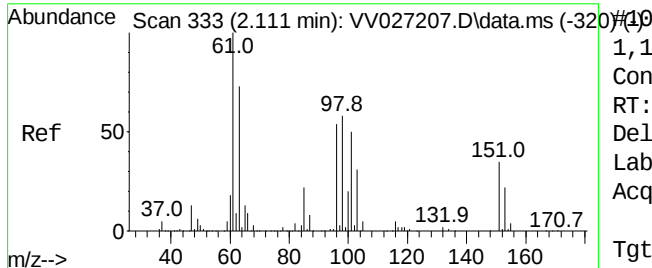
Tgt Ion:	64	Resp:	100459
Ion Ratio	Lower	Upper	
64	100		
66	31.4	22.4	41.6



Trichlorofluoromethane
 Concen: 47.174 ug/L
 RT: 1.745 min Scan# 219
 Delta R.T. -0.003 min
 Lab File: VV027210.D
 Acq: 04 Aug 2022 14:00

Tgt Ion:	101	Resp:	233939
Ion Ratio	Lower	Upper	
101	100		
103	64.4	52.4	78.6

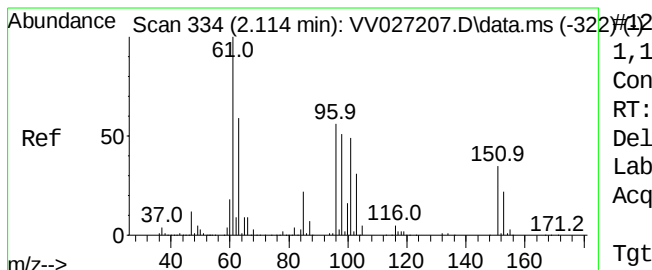
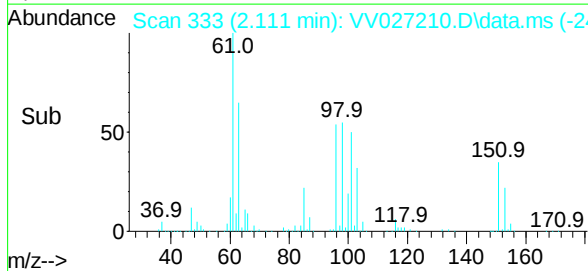
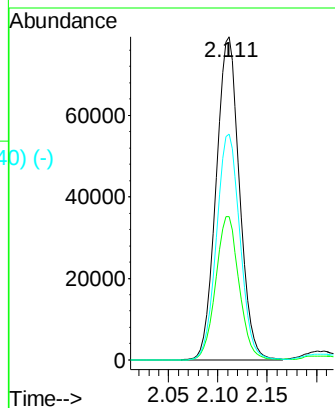
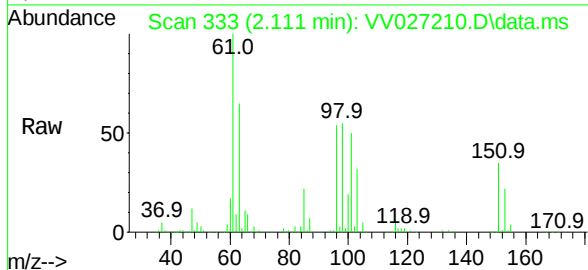




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.821 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027210.D
 Acq: 04 Aug 2022 14:00

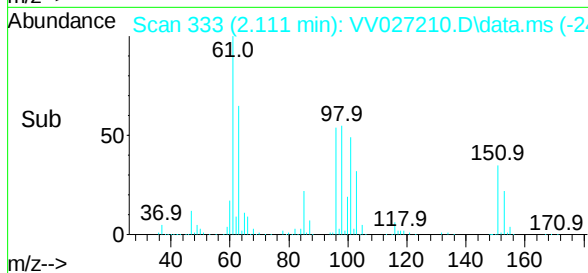
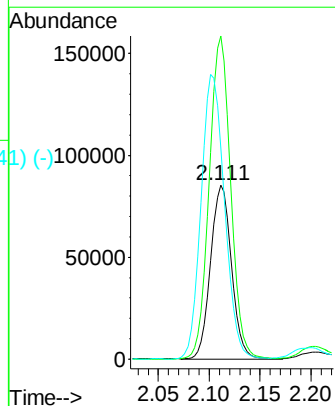
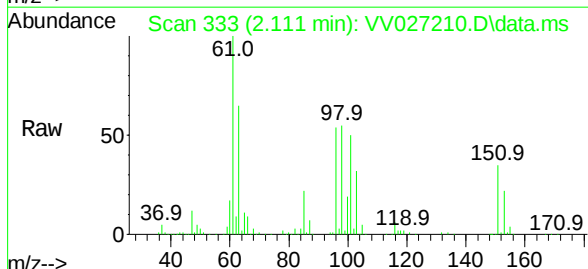
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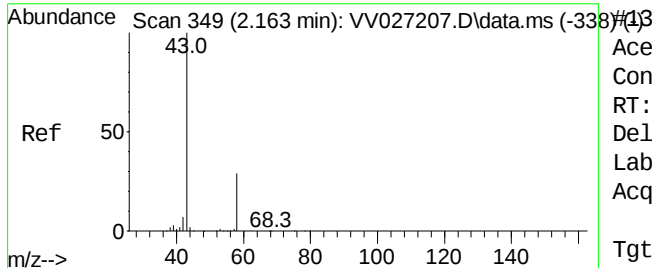
Tgt Ion:	101	Resp:	131500
Ion	Ratio	Lower	Upper
101	100		
85	44.5	34.1	51.1
151	70.6	57.8	86.8



1,1-Dichloroethene
 Concen: 45.980 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027210.D
 Acq: 04 Aug 2022 14:00

Tgt Ion:	96	Resp:	121627
Ion	Ratio	Lower	Upper
96	100		
61	185.7	114.3	212.3
63	121.4	93.4	173.4





Acetone

Concen: 90.375 ug/L

RT: 2.166 min Scan# 349

Delta R.T. 0.003 min

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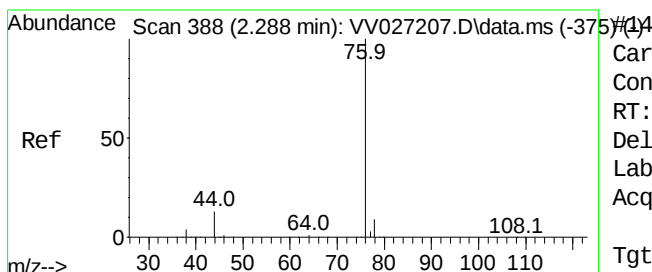
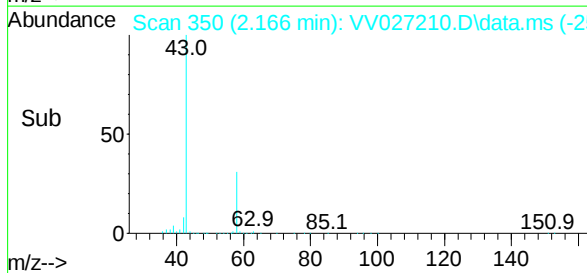
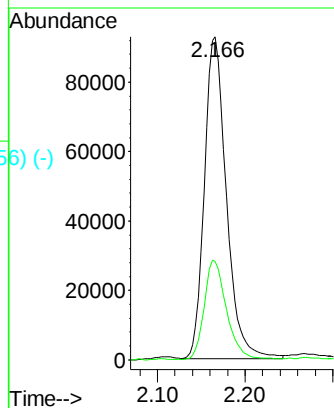
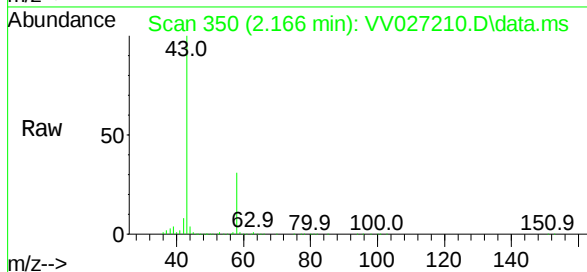
VICV257

Tgt Ion: 43 Resp: 161449

Ion Ratio Lower Upper

43 100

58 31.8 0.0 49.6



Carbon disulfide

Concen: 49.292 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027210.D

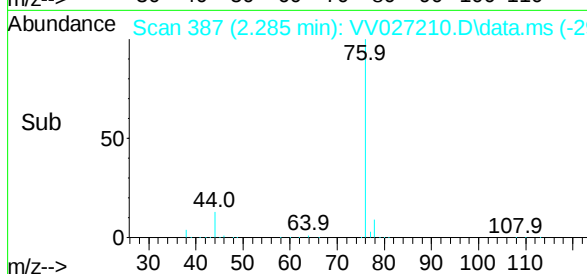
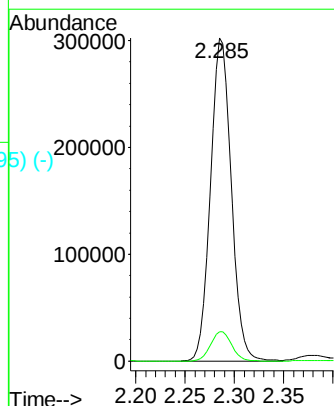
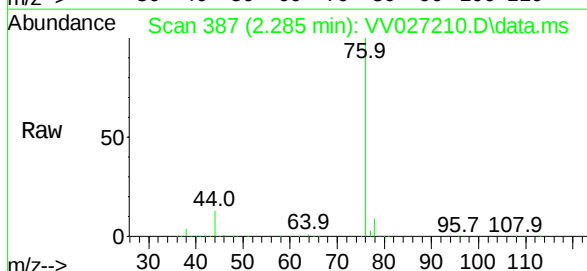
Acq: 04 Aug 2022 14:00

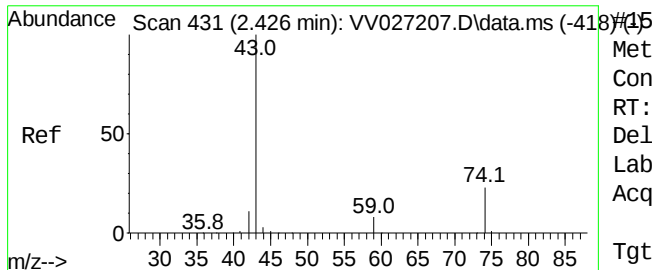
Tgt Ion: 76 Resp: 443765

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





Methyl Acetate

Concen: 46.251 ug/L

RT: 2.426 min Scan# 431

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

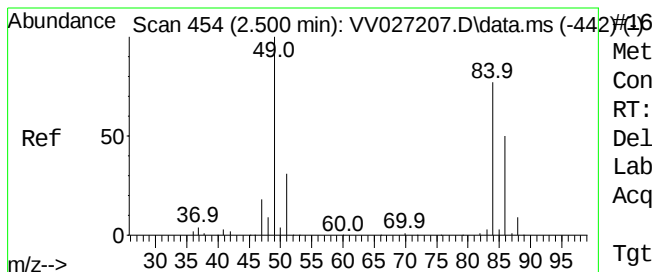
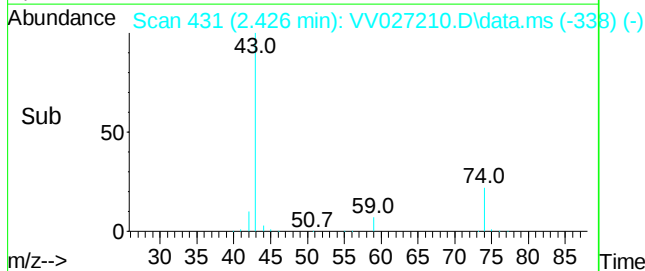
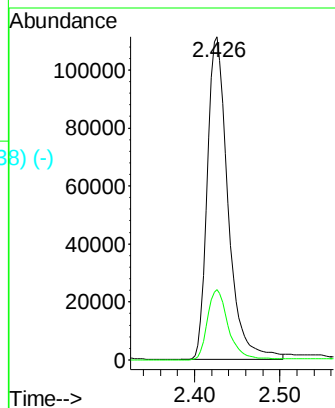
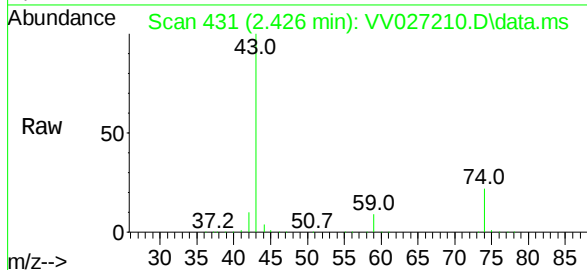
VICV257

Tgt Ion: 43 Resp: 187927

Ion Ratio Lower Upper

43 100

74 21.8 25.5 38.3#



Methylene chloride

Concen: 46.448 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

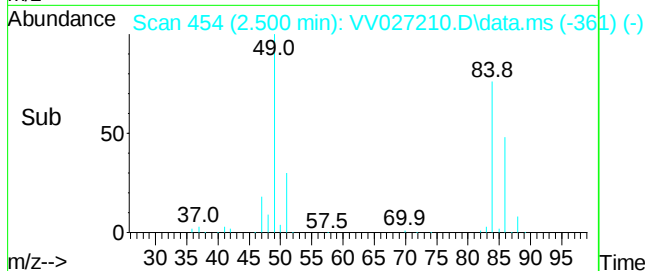
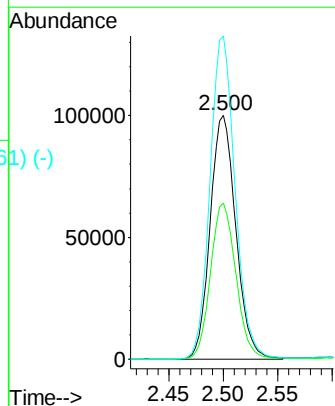
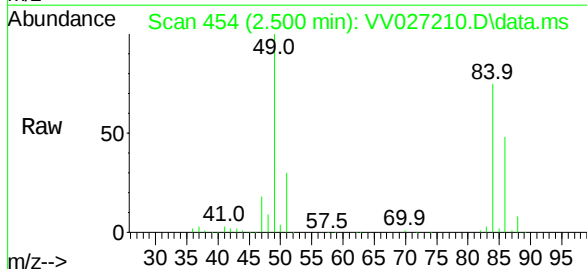
Tgt Ion: 84 Resp: 164120

Ion Ratio Lower Upper

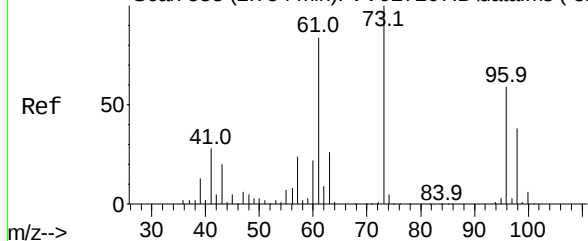
84 100

86 64.0 45.0 83.6

49 132.5 74.1 137.7



Abundance Scan 533 (2.754 min): VV027207.D\data.ms (-521) #17

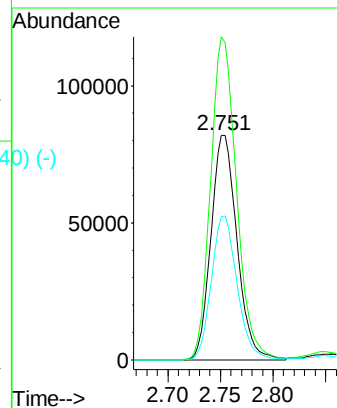
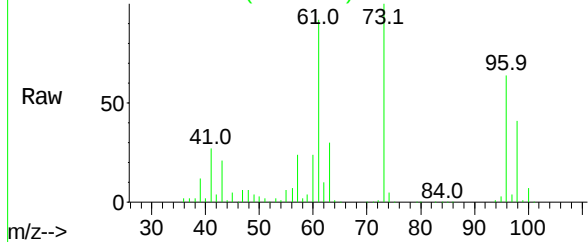


trans-1,2-Dichloroethene
Concen: 48.072 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

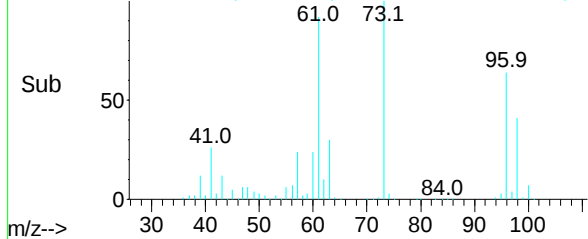
Instrument :
MSVOA_V
ClientSampleId :
VICV257

Tgt Ion:	96	Resp:	140718
Ion	Ratio	Lower	Upper
96	100		
61	143.9	89.2	165.6
98	63.8	44.6	82.8

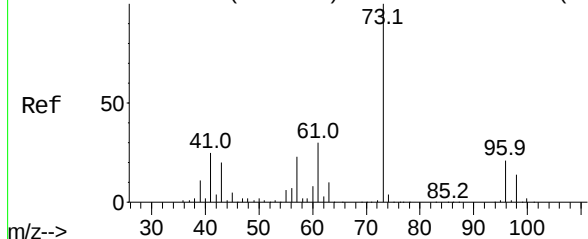
Abundance Scan 532 (2.751 min): VV027210.D\data.ms



Abundance Scan 532 (2.751 min): VV027210.D\data.ms (-440) (-)



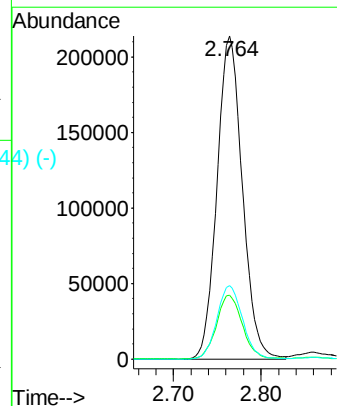
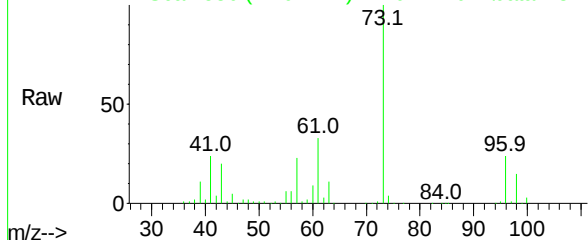
Abundance Scan 537 (2.767 min): VV027207.D\data.ms (-520) #18



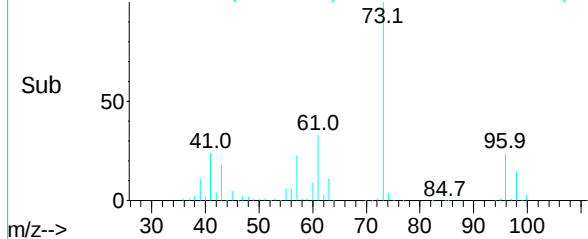
Methyl tert-butyl Ether
Concen: 49.075 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

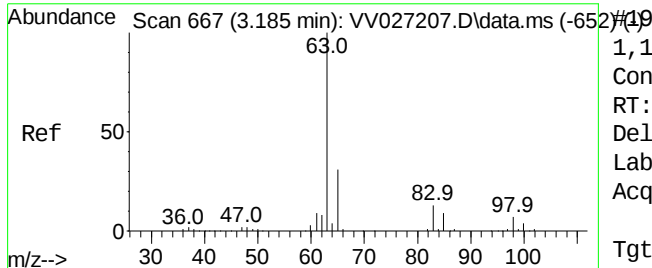
Tgt Ion:	73	Resp:	427249
Ion	Ratio	Lower	Upper
73	100		
43	20.2	12.6	18.8#
57	23.0	17.3	25.9

Abundance Scan 536 (2.764 min): VV027210.D\data.ms



Abundance Scan 536 (2.764 min): VV027210.D\data.ms (-444) (-)





1,1-Dichloroethane

Concen: 46.560 ug/L

RT: 3.182 min Scan# 19

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

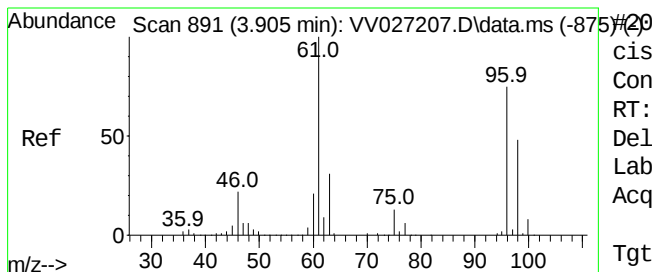
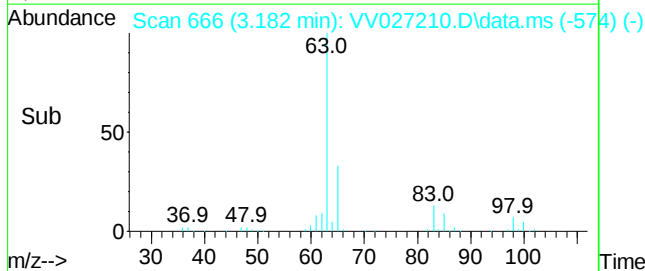
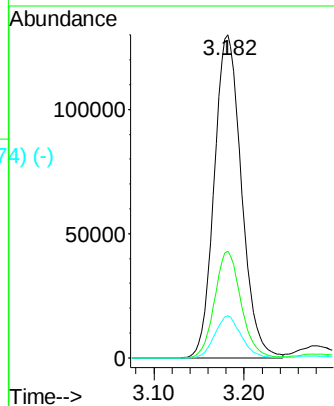
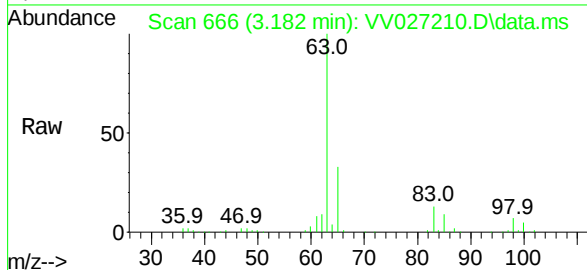
Tgt Ion: 63 Resp: 273605

Ion Ratio Lower Upper

63 100

65 33.1 22.7 42.3

83 13.1 9.5 17.7



cis-1,2-Dichloroethene

Concen: 49.018 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

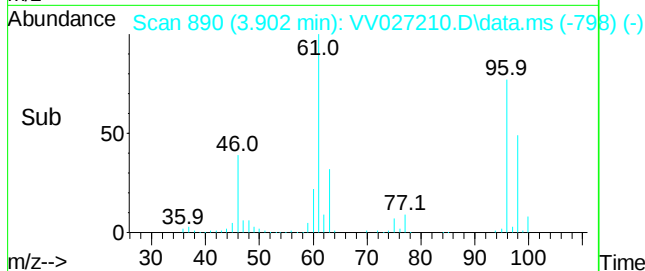
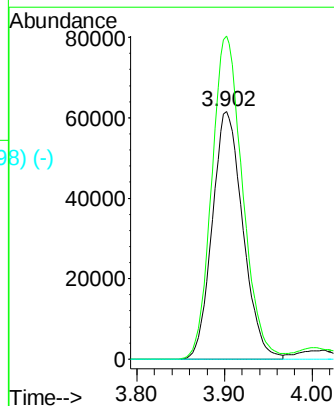
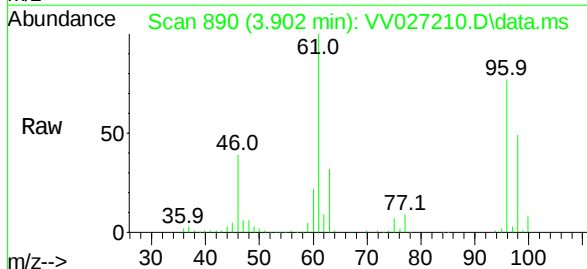
Tgt Ion: 96 Resp: 149058

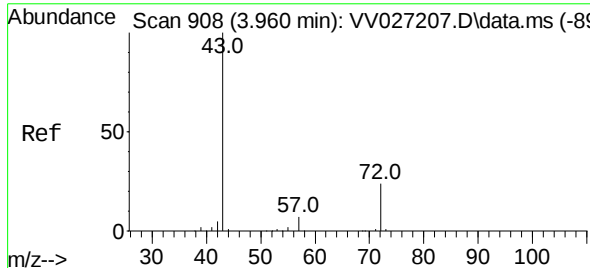
Ion Ratio Lower Upper

96 100

61 130.5 81.8 151.8

68 0.0 0.0 0.0





2-Butanone

Concen: 104.185 ug/L

RT: 3.957 min Scan#

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

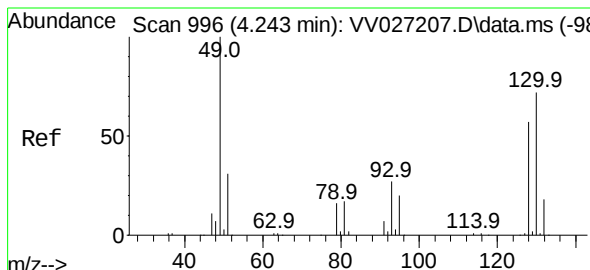
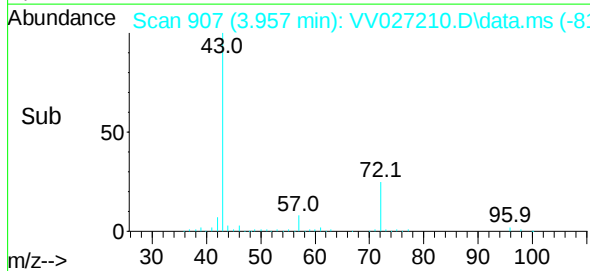
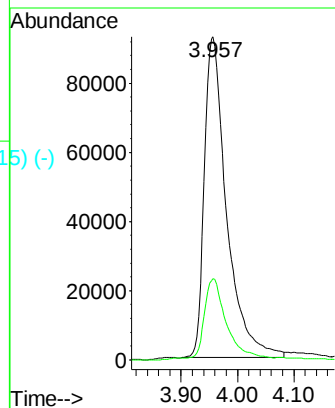
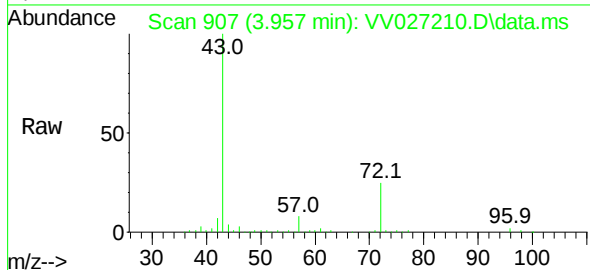
VICV257

Tgt Ion: 43 Resp: 255164

Ion Ratio Lower Upper

43 100

72 24.4 11.9 35.7



Bromochloromethane

Concen: 47.265 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Tgt Ion:128 Resp: 80261

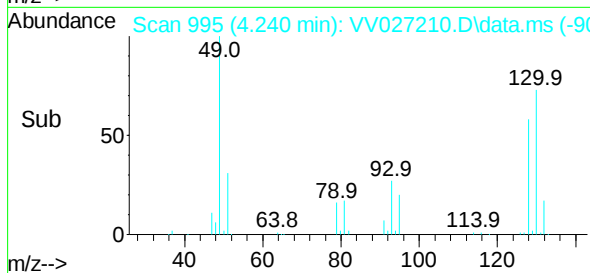
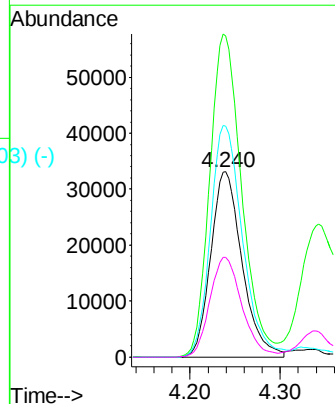
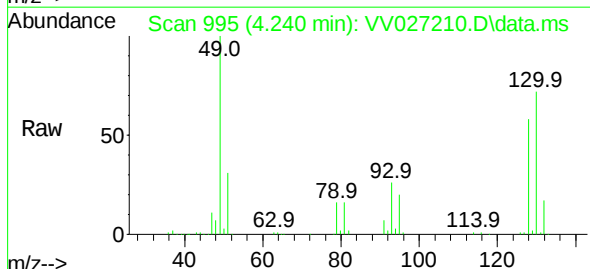
Ion Ratio Lower Upper

128 100

49 173.3 98.7 183.3

130 124.6 89.5 166.1

51 53.9 37.8 56.8



Abundance Scan 1035 (4.368 min): VV027207.D\data.ms (-10125)

Chloroform

Concen: 46.694 ug/L

RT: 4.365 min Scan# 125

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

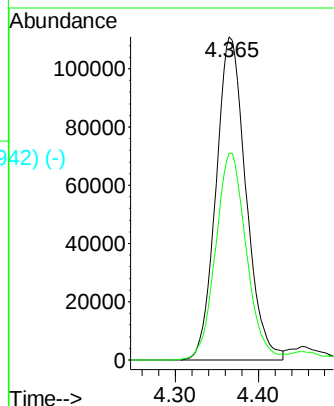
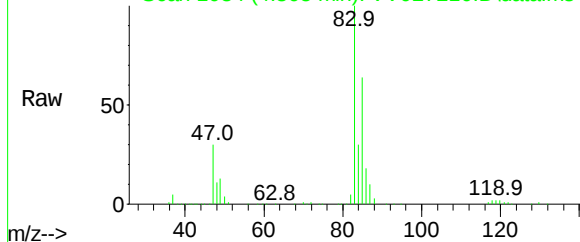
Tgt Ion: 83 Resp: 277300

Ion Ratio Lower Upper

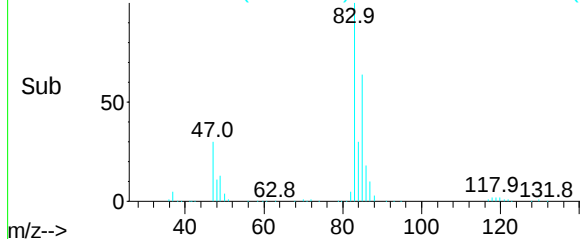
83 100

85 63.9 45.4 84.4

Abundance Scan 1034 (4.365 min): VV027210.D\data.ms



Abundance Scan 1034 (4.365 min): VV027210.D\data.ms (-942) (-)



Abundance Scan 1270 (5.124 min): VV027207.D\data.ms (-12527)

1,2-Dichloroethane

Concen: 47.153 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

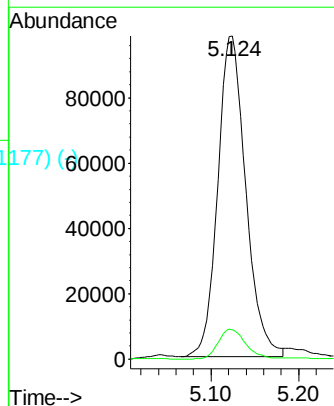
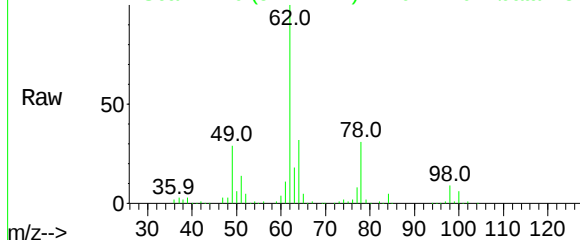
Tgt Ion: 62 Resp: 218090

Ion Ratio Lower Upper

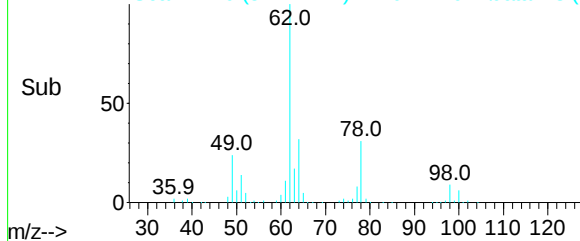
62 100

98 9.2 9.0 13.6

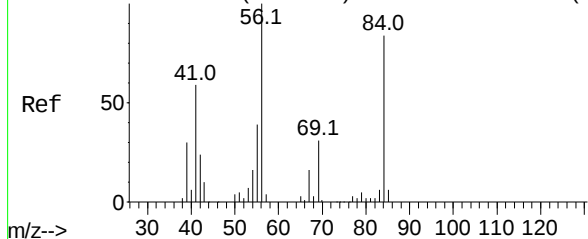
Abundance Scan 1270 (5.124 min): VV027210.D\data.ms



Abundance Scan 1270 (5.124 min): VV027210.D\data.ms (-1177) (-)



Abundance Scan 1130 (4.674 min): VV027207.D\data.ms (-1130)

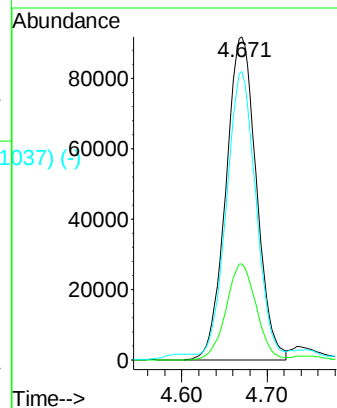
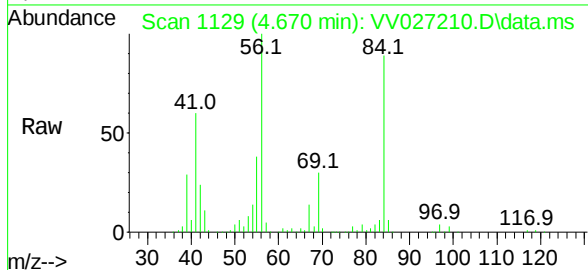


Cyclohexane
Concen: 53.356 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

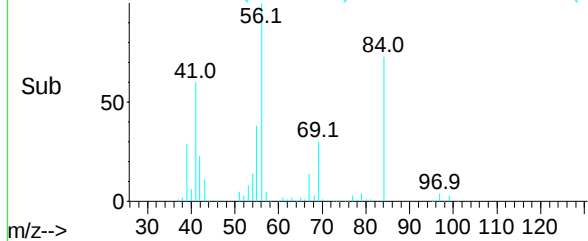
Instrument :
MSVOA_V
ClientSampleId :
VICV257

Tgt Ion: 56 Resp: 228222

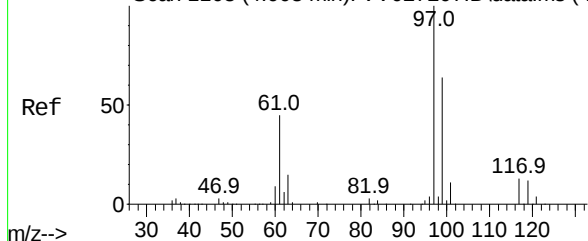
Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.9	38.9
84	82.9	75.3	112.9



Abundance Scan 1129 (4.670 min): VV027210.D\data.ms (-1037) (9)



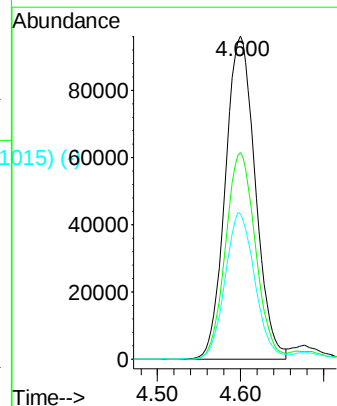
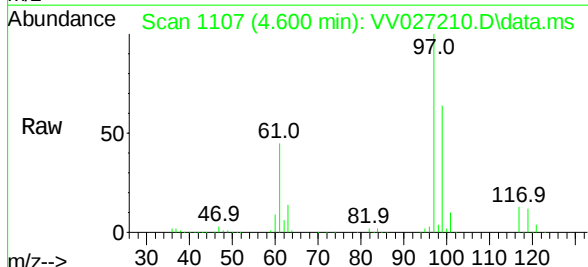
Abundance Scan 1108 (4.603 min): VV027207.D\data.ms (-1108)



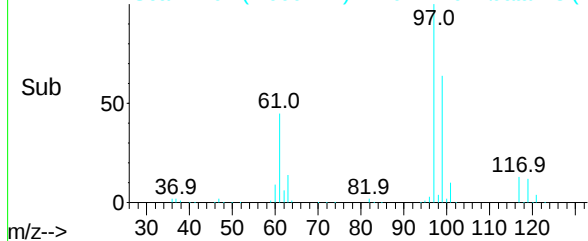
1,1,1-Trichloroethane
Concen: 48.976 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 97 Resp: 241096

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	44.9	32.1	48.1



Abundance Scan 1107 (4.600 min): VV027210.D\data.ms (-1015) (6)



Abundance Scan 1177 (4.825 min): VV027207.D\data.ms (-11591-)

Carbon tetrachloride

Concen: 48.092 ug/L

RT: 4.818 min Scan#

Delta R.T. -0.006 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

Tgt Ion:117 Resp: 205544

Ion Ratio Lower Upper

117 100

119 98.2 77.0 115.6

Abundance Scan 1175 (4.818 min): VV027210.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

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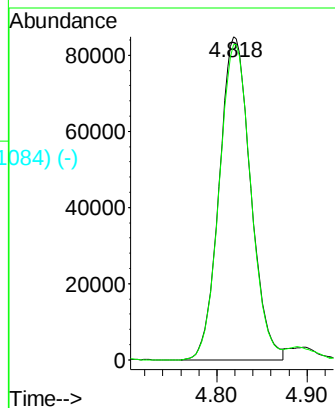
m/z-->

m/z-->

m/z-->

m/z-->

m/z-->



Abundance Scan 1261 (5.095 min): VV027207.D\data.ms (-12391-)

Benzene

Concen: 50.666 ug/L

RT: 5.092 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Tgt Ion: 78 Resp: 604705

Abundance Scan 1260 (5.092 min): VV027210.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

m/z-->

m/z-->

m/z-->

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m/z-->

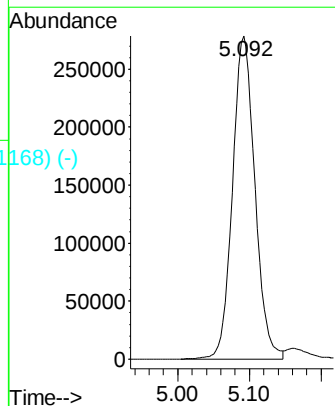
m/z-->

m/z-->

m/z-->

m/z-->

m/z-->



Abundance Scan 1514 (5.908 min): VV027207.D\data.ms (-15024)

Trichloroethene

Concen: 49.701 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV027210.D

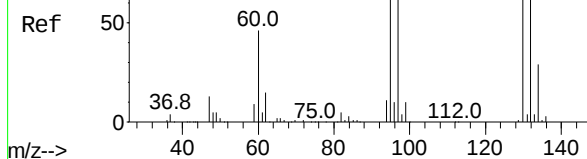
Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257



Tgt Ion: 95 Resp: 151887

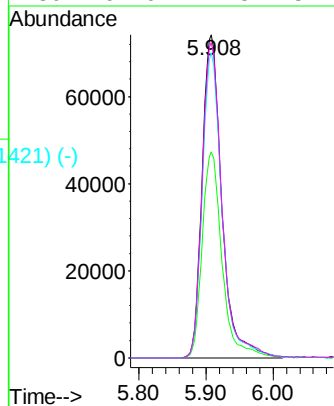
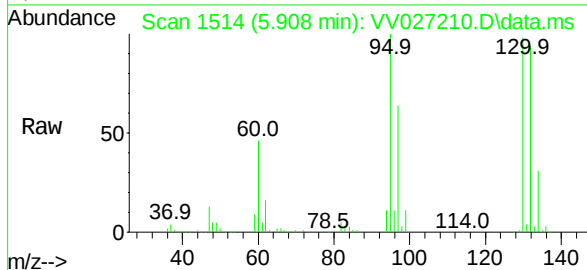
Ion Ratio Lower Upper

95 100

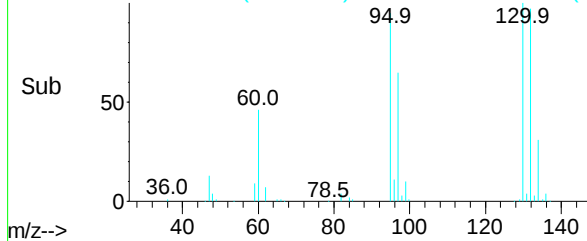
97 63.8 45.9 85.3

132 94.4 69.8 129.6

130 97.6 72.5 134.7



Abundance Scan 1514 (5.908 min): VV027210.D\data.ms (-1421) (-)



Abundance Scan 1582 (6.127 min): VV027207.D\data.ms (-15795)

Methylcyclohexane

Concen: 53.768 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

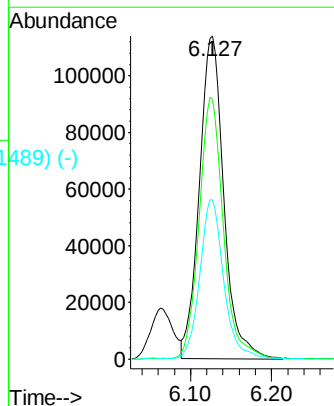
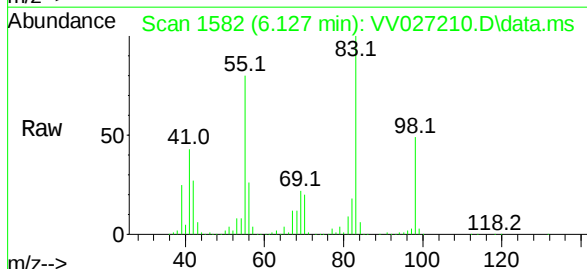
Tgt Ion: 83 Resp: 241618

Ion Ratio Lower Upper

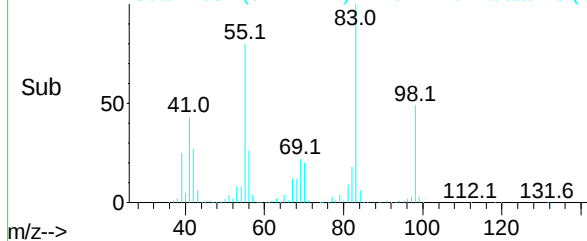
83 100

55 80.0 55.5 83.3

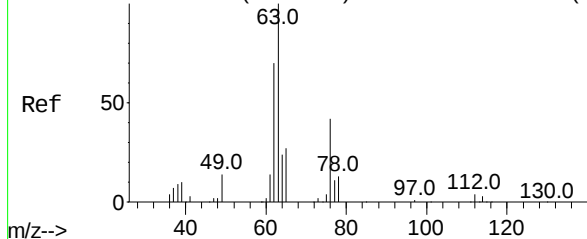
98 48.5 39.0 58.4



Abundance Scan 1582 (6.127 min): VV027210.D\data.ms (-1489) (-)



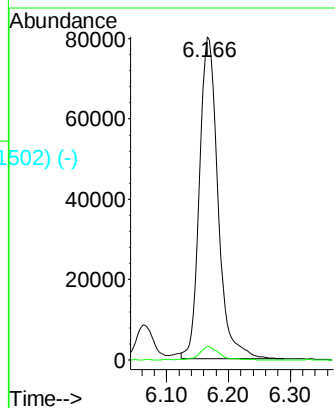
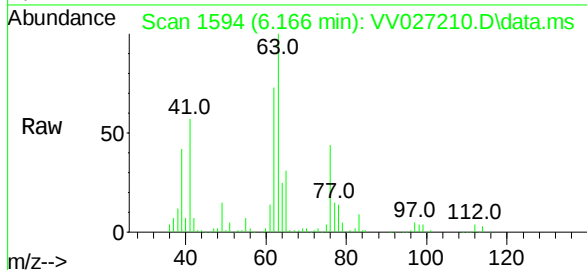
Abundance Scan 1595 (6.169 min): VV027207.D\data.ms (-1595) (-)



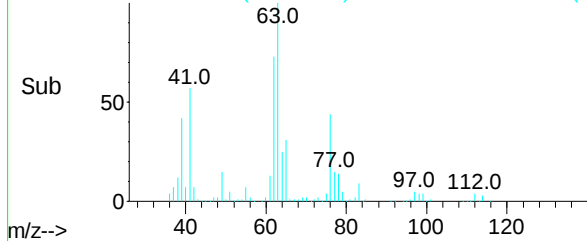
1,2-Dichloropropane
Concen: 49.916 ug/L
RT: 6.166 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
VICV257

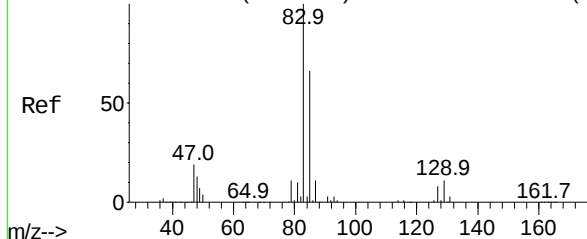
Tgt Ion: 63 Resp: 166904
Ion Ratio Lower Upper
63 100
112 4.2 3.7 5.5



Abundance Scan 1594 (6.166 min): VV027210.D\data.ms (-1502) (-)

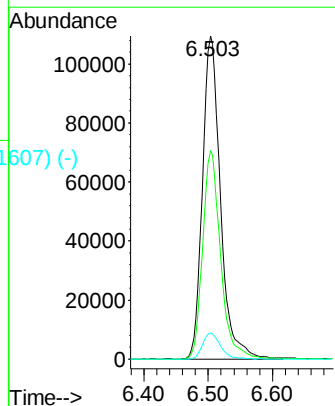
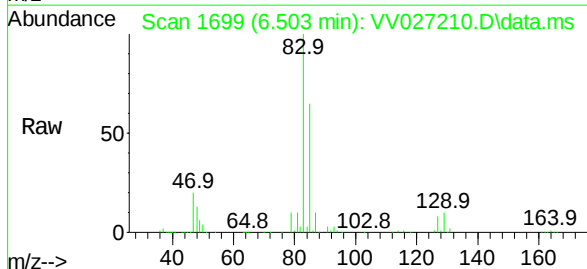


Abundance Scan 1700 (6.506 min): VV027207.D\data.ms (-1699) (-)

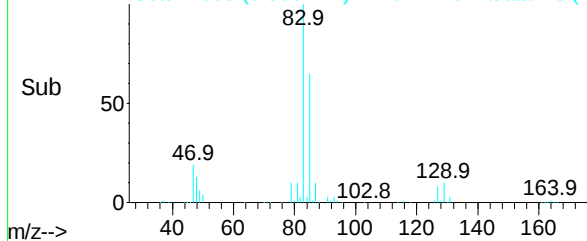


Bromodichloromethane
Concen: 48.448 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

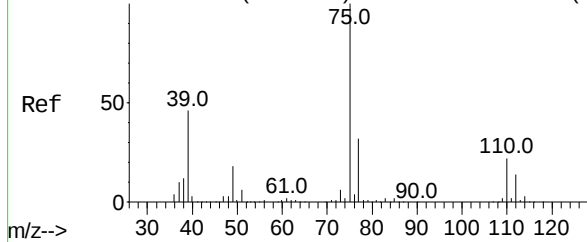
Tgt Ion: 83 Resp: 212255
Ion Ratio Lower Upper
83 100
85 64.6 45.5 84.5
127 8.0 7.0 10.6



Abundance Scan 1699 (6.503 min): VV027210.D\data.ms (-1607) (-)



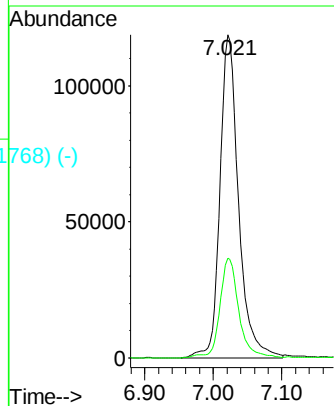
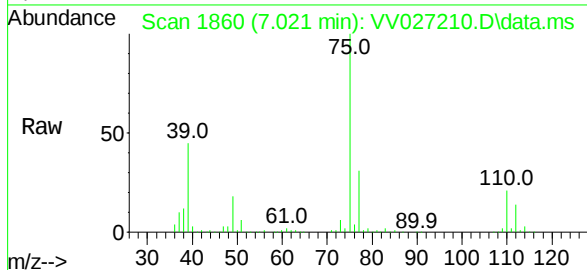
Abundance Scan 1861 (7.024 min): VV027207.D\data.ms (-18499)



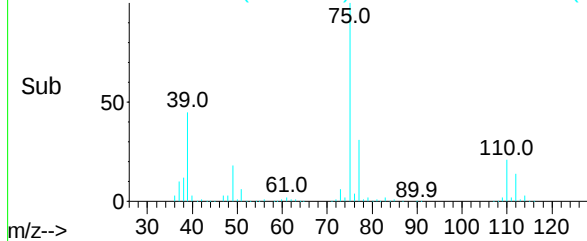
cis-1,3-Dichloropropene
Concen: 50.444 ug/L
RT: 7.021 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
VICV257

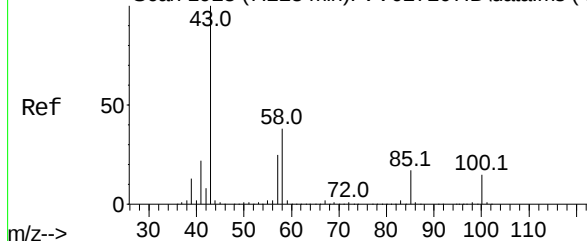
Tgt Ion: 75 Resp: 223419
Ion Ratio Lower Upper
75 100
77 30.9 22.5 41.7



Abundance Scan 1860 (7.021 min): VV027210.D\data.ms (-1768)

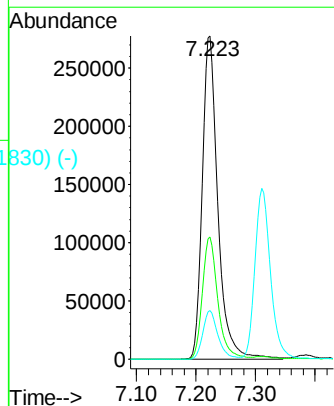
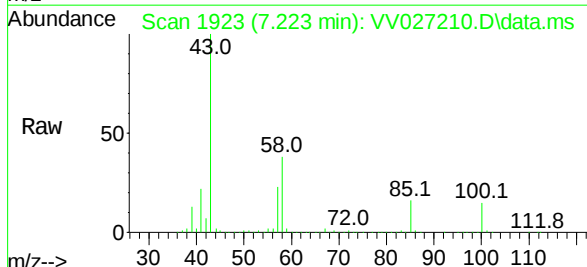


Abundance Scan 1923 (7.223 min): VV027207.D\data.ms (-19140)

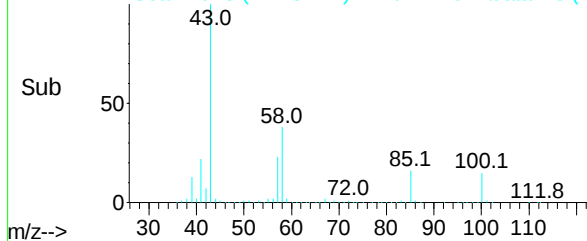


4-Methyl-2-pentanone
Concen: 105.057 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

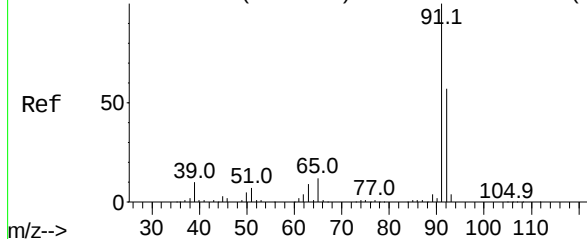
Tgt Ion: 43 Resp: 501129
Ion Ratio Lower Upper
43 100
58 37.6 35.3 52.9
100 14.6 15.7 23.5#



Abundance Scan 1923 (7.223 min): VV027210.D\data.ms (-1830)



Abundance Scan 1973 (7.384 min): VV027207.D\data.ms (-19594-)



Toluene

Concen: 52.820 ug/L

RT: 7.384 min Scan#

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

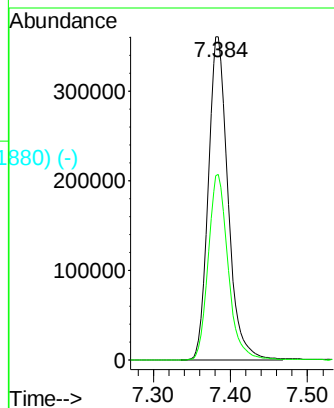
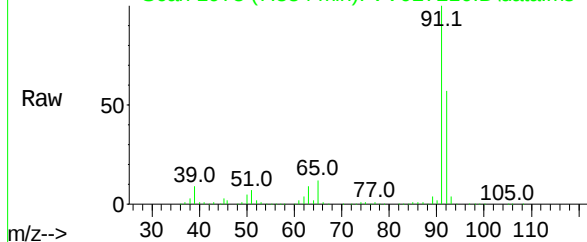
Tgt Ion: 91 Resp: 640971

Ion Ratio Lower Upper

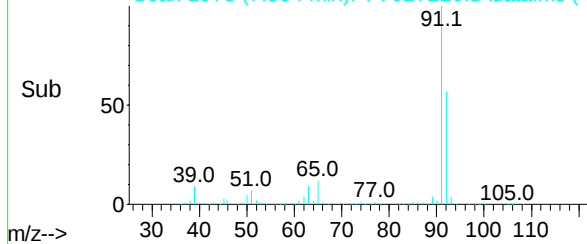
91 100

92 57.4 40.9 76.0

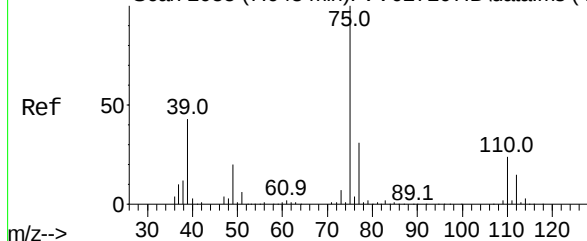
Abundance Scan 1973 (7.384 min): VV027210.D\data.ms



Abundance Scan 1973 (7.384 min): VV027210.D\data.ms (-1880-)



Abundance Scan 2055 (7.648 min): VV027207.D\data.ms (-20384-)



trans-1,3-Dichloropropene

Concen: 51.325 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

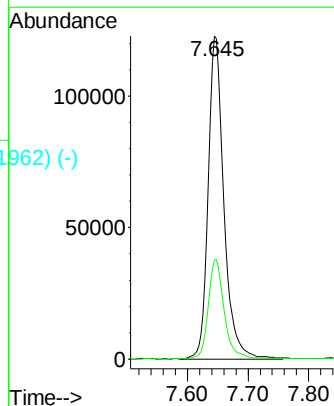
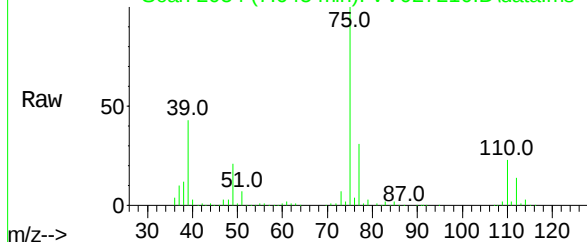
Tgt Ion: 75 Resp: 223393

Ion Ratio Lower Upper

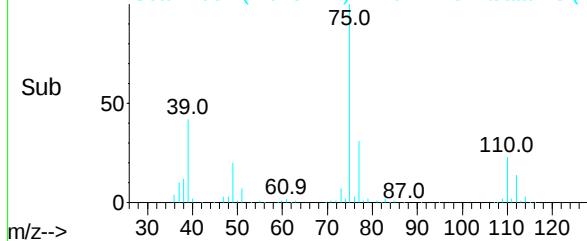
75 100

77 30.7 22.0 41.0

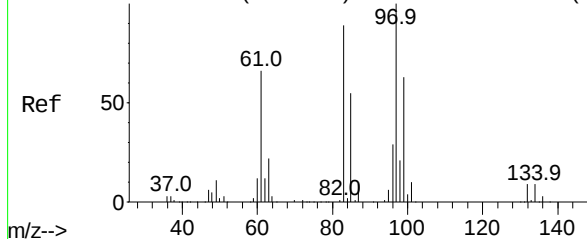
Abundance Scan 2054 (7.645 min): VV027210.D\data.ms



Abundance Scan 2054 (7.645 min): VV027210.D\data.ms (-1962-)



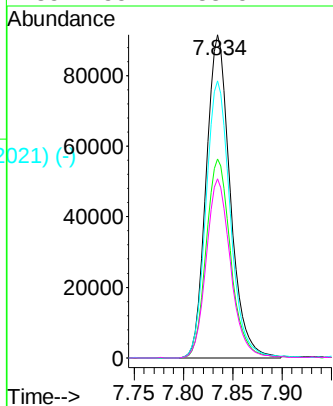
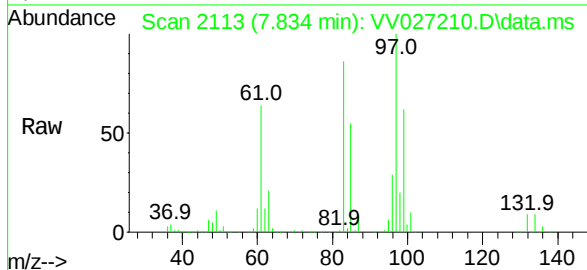
Abundance Scan 2114 (7.838 min): VV027207.D\data.ms (-21025-)



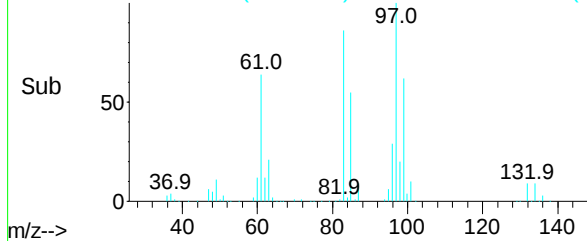
1,1,2-Trichloroethane
Concen: 48.169 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
VICV257

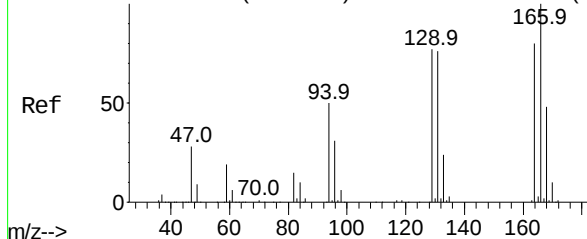
Tgt Ion:	97	Resp:	155233
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.2	80.2
83	85.7	58.0	107.6
85	55.4	38.5	71.5



Abundance Scan 2113 (7.834 min): VV027210.D\data.ms (-2021) (-)

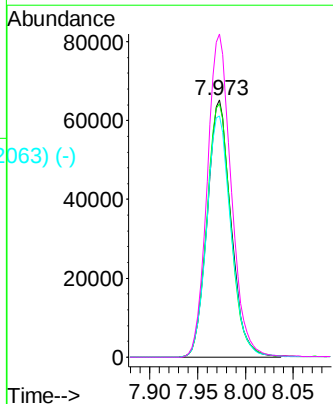
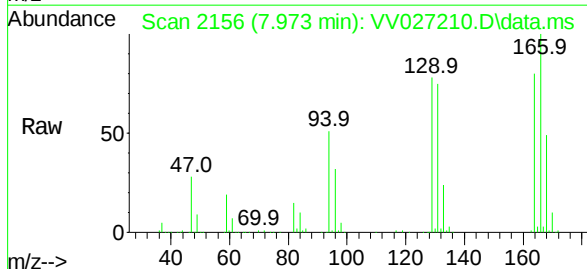


Abundance Scan 2156 (7.973 min): VV027207.D\data.ms (-21446-)

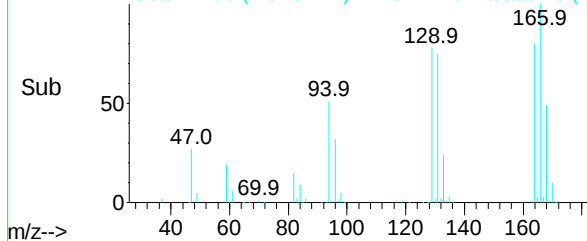


Tetrachloroethene
Concen: 50.310 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Tgt Ion:	164	Resp:	112531
Ion	Ratio	Lower	Upper
164	100		
129	98.5	67.5	125.4
131	93.8	64.3	119.3
166	125.7	88.9	165.1



Abundance Scan 2156 (7.973 min): VV027210.D\data.ms (-2063) (-)



Abundance Scan 2207 (8.137 min): VV027207.D\data.ms (-219748)

2-Hexanone

Concen: 105.263 ug/L

RT: 8.137 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VV027210.D

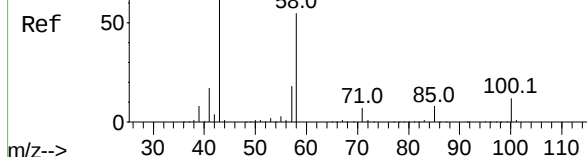
Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

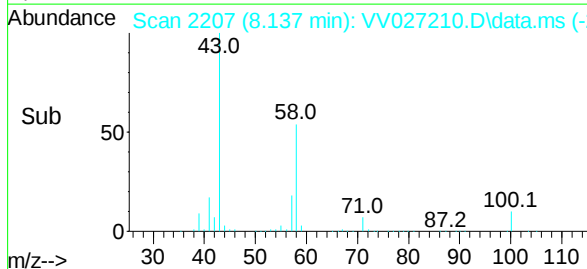
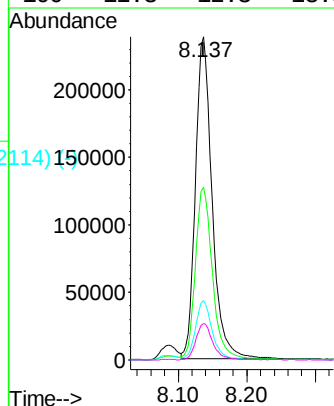
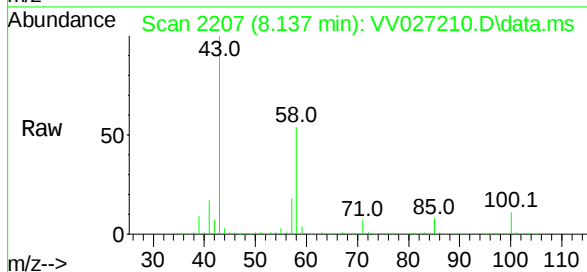
VICV257



Tgt Ion: 43 Resp: 399900

Ion Ratio Lower Upper

43	100		
58	54.3	50.8	76.2
57	18.3	17.1	25.7
100	11.3	12.3	18.5#



Abundance Scan 2240 (8.243 min): VV027207.D\data.ms (-22249)

Dibromochloromethane

Concen: 48.173 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

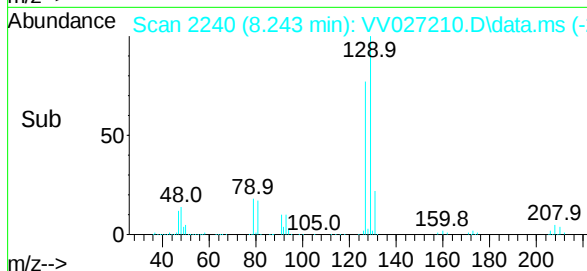
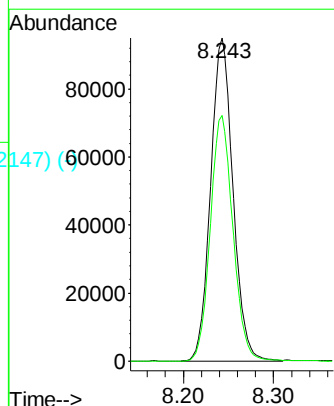
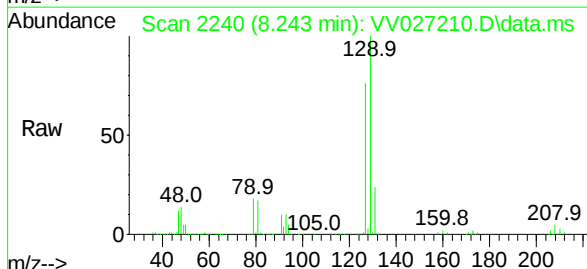
Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

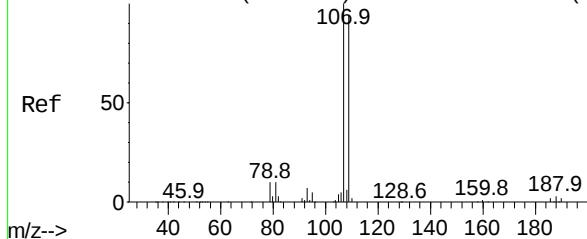
Tgt Ion:129 Resp: 164105

Ion Ratio Lower Upper

129	100		
127	76.0	53.3	98.9



Abundance Scan 2273 (8.349 min): VV027207.D\data.ms (-22650-)



1,2-Dibromoethane

Concen: 49.537 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

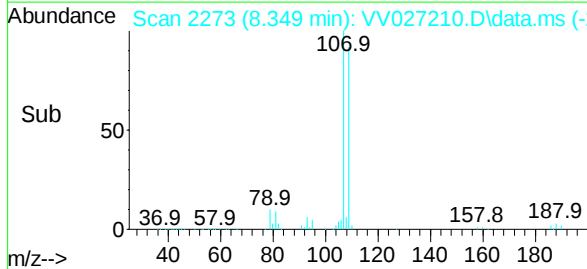
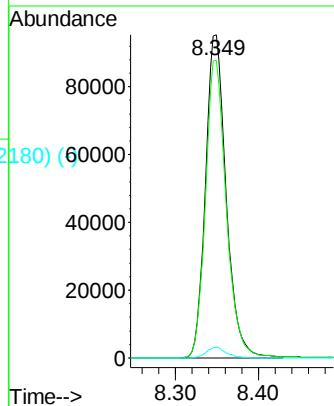
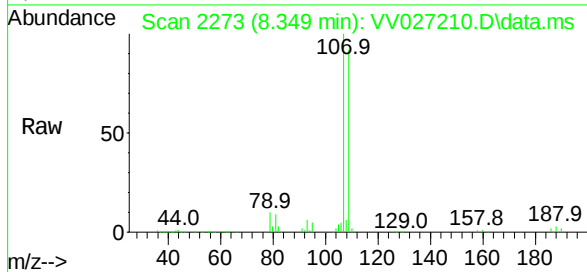
Tgt Ion:107 Resp: 164264

Ion Ratio Lower Upper

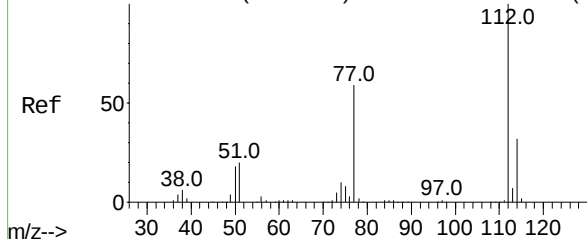
107 100

109 92.0 65.7 121.9

188 3.3 2.7 4.1



Abundance Scan 2438 (8.879 min): VV027207.D\data.ms (-24251-)



Chlorobenzene

Concen: 49.367 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

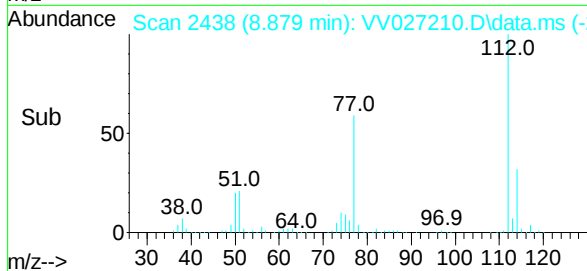
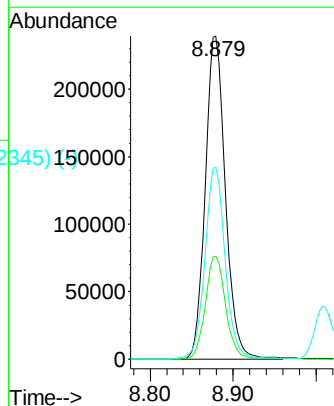
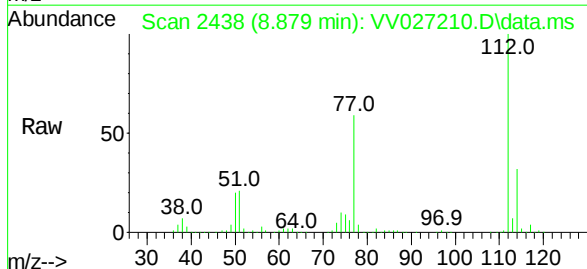
Tgt Ion:112 Resp: 401822

Ion Ratio Lower Upper

112 100

114 31.9 22.8 42.4

77 59.4 44.2 66.2



Abundance Scan 2479 (9.011 min): VV027207.D\data.ms (-24652-)

Ethylbenzene

Concen: 53.051 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

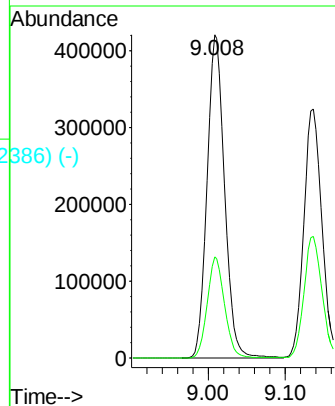
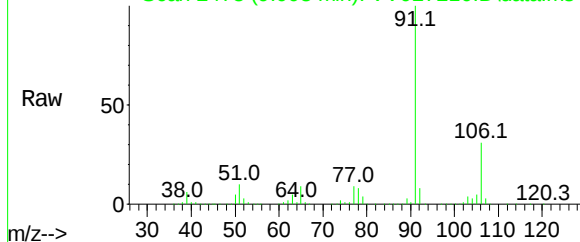
Tgt Ion: 91 Resp: 664286

Ion Ratio Lower Upper

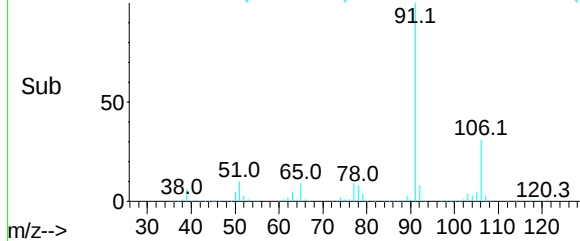
91 100

106 31.2 21.8 40.6

Abundance Scan 2478 (9.008 min): VV027210.D\data.ms



Abundance Scan 2478 (9.008 min): VV027210.D\data.ms (-2386-)



Abundance Scan 2518 (9.137 min): VV027207.D\data.ms (-25053-)

m,p-Xylene

Concen: 53.917 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

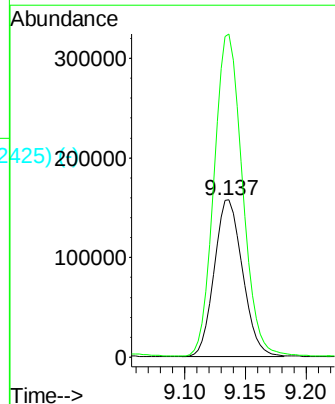
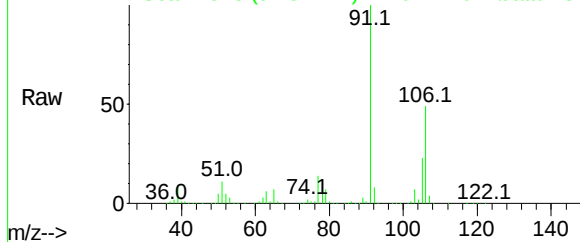
Tgt Ion: 106 Resp: 255152

Ion Ratio Lower Upper

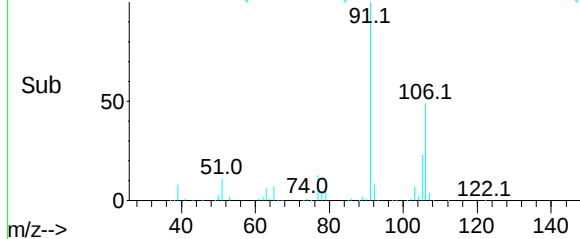
106 100

91 205.1 137.5 255.3

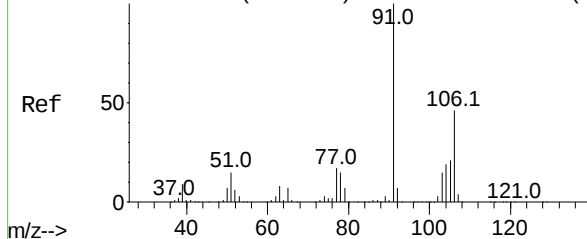
Abundance Scan 2518 (9.137 min): VV027210.D\data.ms



Abundance Scan 2518 (9.137 min): VV027210.D\data.ms (-2425-)



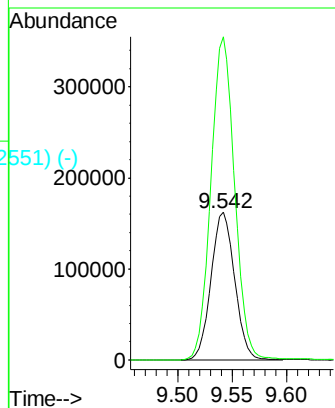
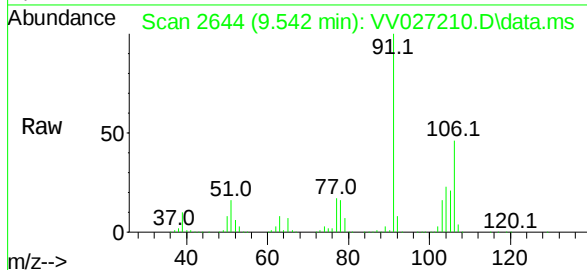
Abundance Scan 2644 (9.542 min): VV027207.D\data.ms (-26354-)



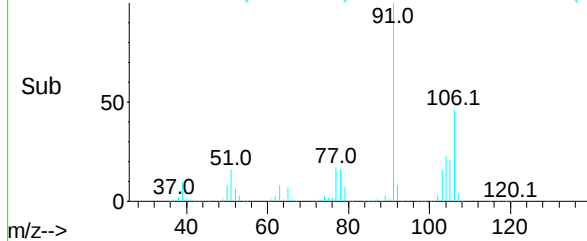
o-Xylene
Concen: 53.070 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Instrument : MSVOA_V
ClientSampleId : VICV257

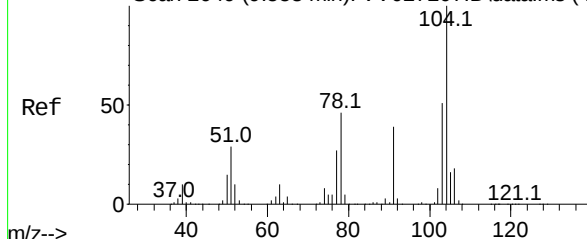
Tgt Ion:106 Resp: 244673
Ion Ratio Lower Upper
106 100
91 218.9 146.6 272.2



Abundance Scan 2644 (9.542 min): VV027210.D\data.ms (-2551-)

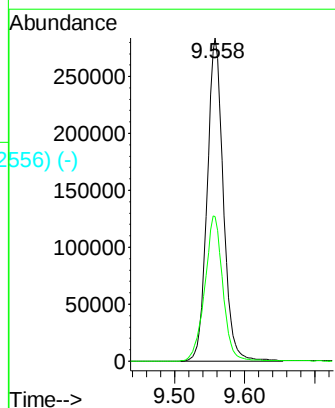
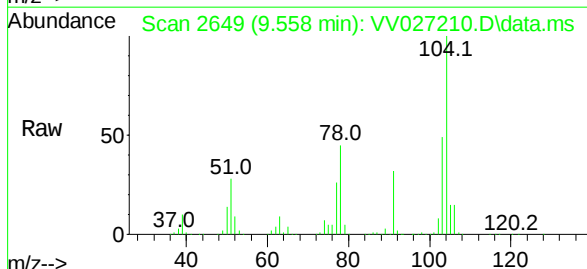


Abundance Scan 2649 (9.558 min): VV027207.D\data.ms (-26355-)

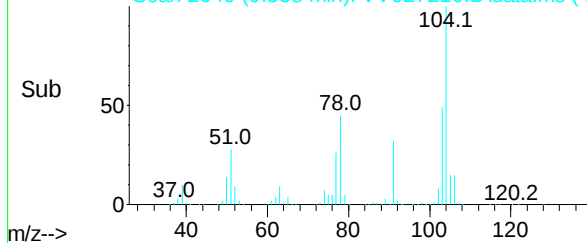


Styrene
Concen: 55.679 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Tgt Ion:104 Resp: 452210
Ion Ratio Lower Upper
104 100
78 44.7 29.6 55.0



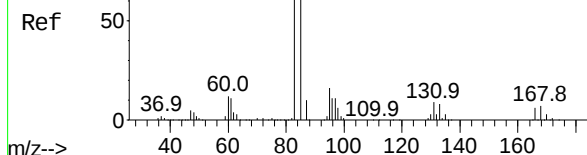
Abundance Scan 2649 (9.558 min): VV027210.D\data.ms (-2556-)



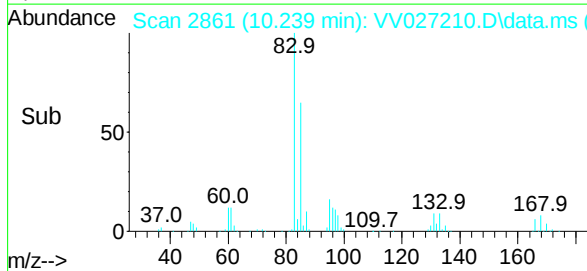
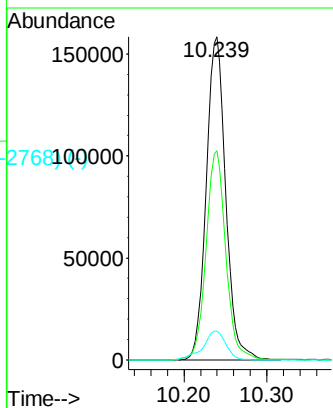
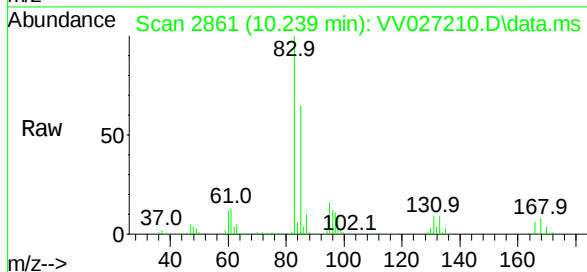
Abundance Scan 2861 (10.239 min): VV027207.D\data.ms (-2659) (-)

1,1,2,2-Tetrachloroethane
Concen: 47.720 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
VICV257



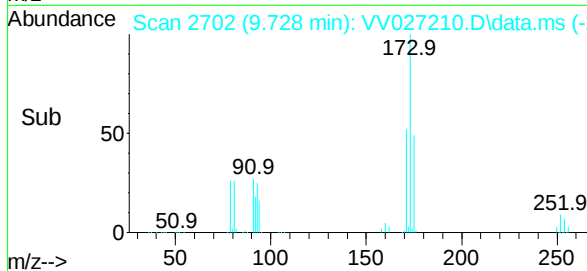
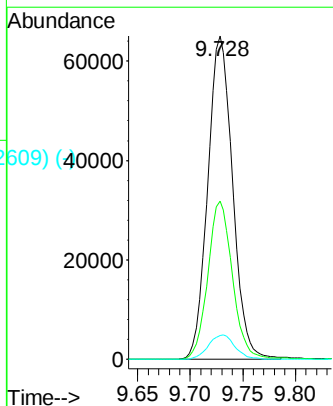
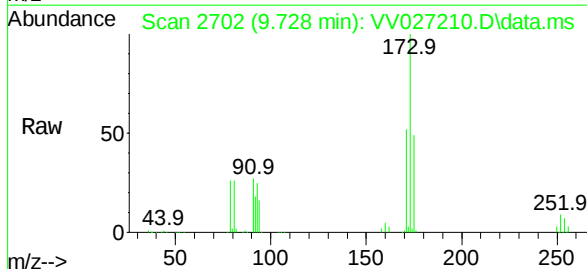
Tgt Ion:	83	Resp:	257630
Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.2	84.0
131	9.0	8.1	12.1



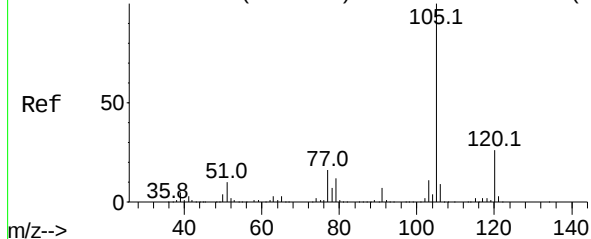
Abundance Scan 2702 (9.728 min): VV027207.D\data.ms (-2659) (-)

Bromoform
Concen: 45.148 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Tgt Ion:	173	Resp:	106623
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.0	58.4
254	7.9	6.9	10.3



Abundance Scan 2765 (9.931 min): VV027207.D\data.ms (-27599)



Isopropylbenzene

Concen: 51.495 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

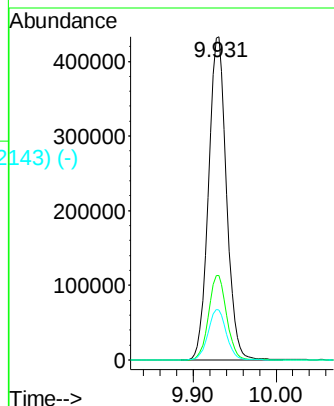
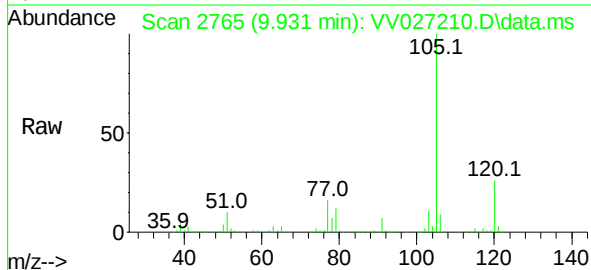
Tgt Ion:105 Resp: 645048

Ion Ratio Lower Upper

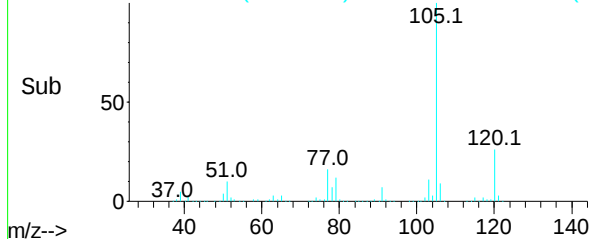
105 100

120 26.4 21.4 32.0

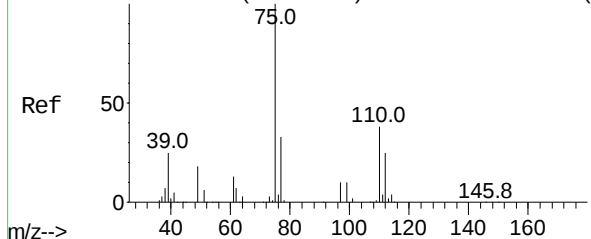
77 15.9 11.8 17.6



Abundance Scan 2765 (9.931 min): VV027210.D\data.ms (-2143) (-)



Abundance Scan 2871 (10.272 min): VV027207.D\data.ms (-2858) (-)



1,2,3-Trichloropropane

Concen: 45.576 ug/L

RT: 10.272 min Scan# 2871

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

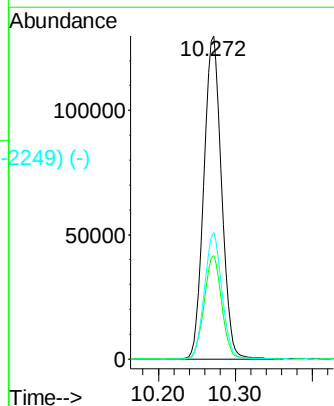
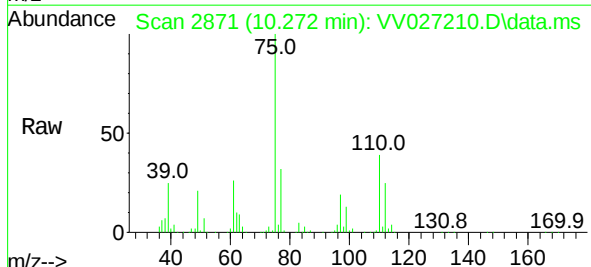
Tgt Ion: 75 Resp: 207980

Ion Ratio Lower Upper

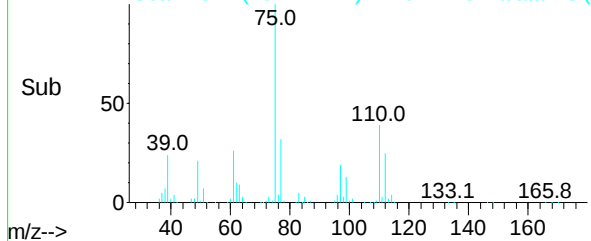
75 100

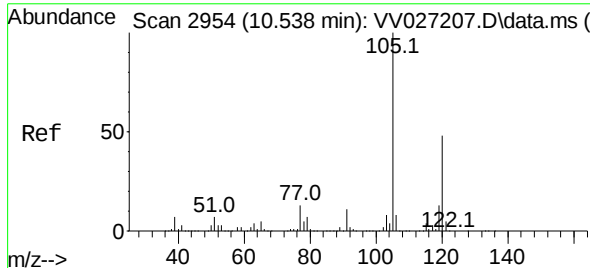
77 31.5 25.8 38.8

110 38.5 32.7 49.1



Abundance Scan 2871 (10.272 min): VV027210.D\data.ms (-2249) (-)

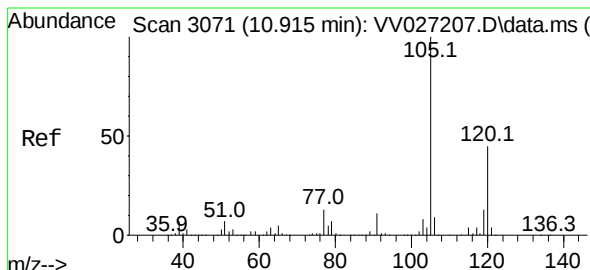
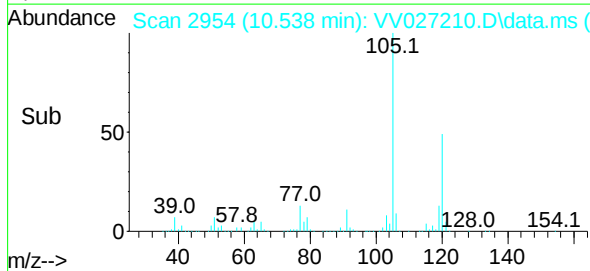
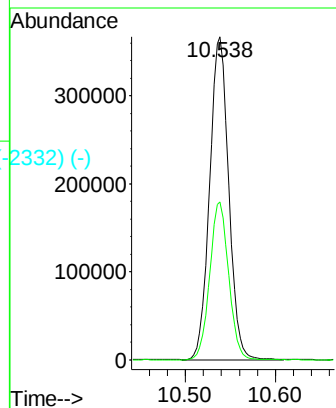
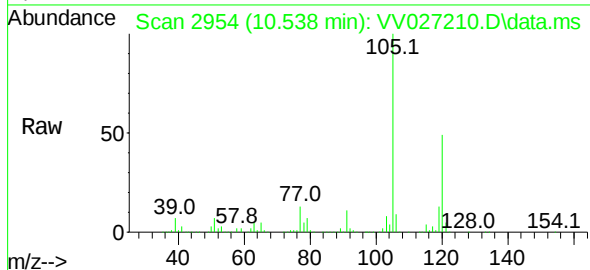




1,3,5-Trimethylbenzene
Concen: 52.195 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

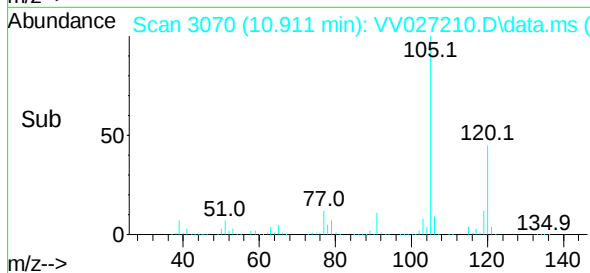
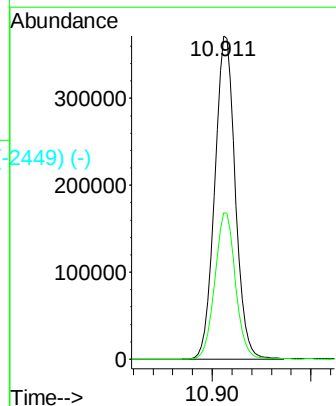
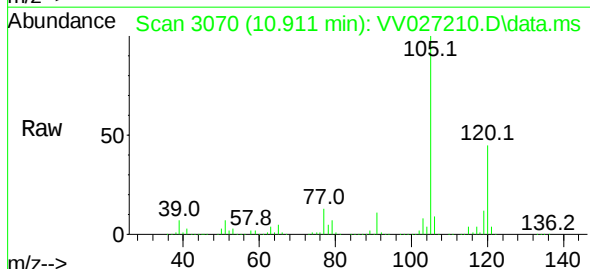
Instrument :
MSVOA_V
ClientSampleId :
VICV257

Tgt Ion:105 Resp: 539946
Ion Ratio Lower Upper
105 100
120 48.6 39.3 58.9



1,2,4-Trimethylbenzene
Concen: 53.195 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV027210.D
Acq: 04 Aug 2022 14:00

Tgt Ion:105 Resp: 539086
Ion Ratio Lower Upper
105 100
120 45.4 37.0 55.6



Abundance Scan 3153 (11.178 min): VV027207.D\data.ms (-3162) (-)

1,3-Dichlorobenzene

Concen: 49.797 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

Tgt Ion:146 Resp: 302329

Ion Ratio Lower Upper

146 100

111 41.2 28.4 52.8

148 63.0 44.7 82.9

Abundance Scan 3153 (11.178 min): VV027210.D\data.ms

Ref 50 146.0

75.0 111.0

50.0 94.0

m/z-->

Raw 50 146.0

75.0 111.0

50.0 94.0

m/z-->

Abundance Scan 3153 (11.178 min): VV027210.D\data.ms (-3060) (-)

Sub 50 145.9

75.0 111.0

50.0 94.0

m/z-->

Abundance

11.178

150000

100000

50000

0

Time--> 11.10 11.20

Abundance Scan 3182 (11.271 min): VV027207.D\data.ms (-3165) (-)

1,4-Dichlorobenzene

Concen: 48.590 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Tgt Ion:146 Resp: 310460

Ion Ratio Lower Upper

146 100

111 39.4 27.4 51.0

148 62.2 44.6 82.8

Abundance Scan 3182 (11.272 min): VV027210.D\data.ms

Ref 50 146.0

75.0 111.0

50.0 93.9

m/z-->

Raw 50 146.0

75.0 111.0

50.0 93.9

m/z-->

Abundance Scan 3182 (11.272 min): VV027210.D\data.ms (-3058) (-)

Sub 50 145.9

75.0 111.0

50.0 93.9

m/z-->

Abundance

11.272

150000

100000

50000

0

Time--> 11.20 11.30

Abundance Scan 3297 (11.641 min): VV027207.D\data.ms (-3267) (-)

1,2-Dichlorobenzene

Concen: 48.929 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

Tgt Ion:146 Resp: 311250

Ion Ratio Lower Upper

146 100

111 43.6 34.0 51.0

148 63.0 50.5 75.7

Abundance Scan 3297 (11.641 min): VV027210.D\data.ms

Ref 50 146.0

Raw 50 146.0

Sub 50 146.0

m/z--> 40 60 80 100 120 140 160

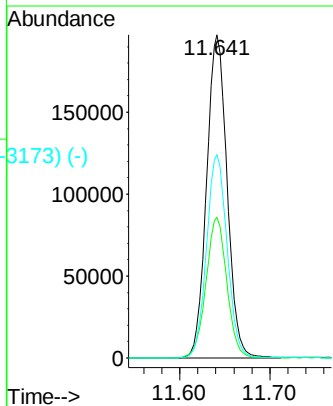
Abundance Scan 3297 (11.641 min): VV027210.D\data.ms (-3173) (-)

Ref 50 146.0

Raw 50 146.0

Sub 50 146.0

m/z--> 40 60 80 100 120 140 160



Abundance Scan 3541 (12.426 min): VV027207.D\data.ms (-3528) (-)

1,2-Dibromo-3-chloropropane

Concen: 45.291 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Tgt Ion: 75 Resp: 57984

Ion Ratio Lower Upper

75 100

155 73.8 69.1 103.7

157 95.4 87.8 131.8

Abundance Scan 3541 (12.426 min): VV027210.D\data.ms

Ref 50 75.0

Raw 50 75.0

Sub 50 75.0

m/z--> 40 60 80 100 120 140 160 180 200 220 240

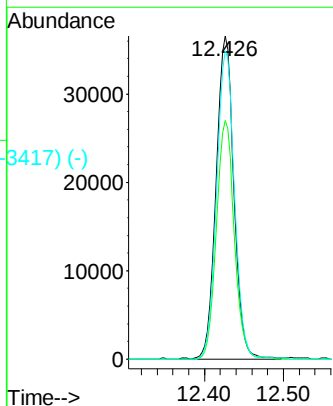
Abundance Scan 3541 (12.426 min): VV027210.D\data.ms (-3417) (-)

Ref 50 75.0

Raw 50 75.0

Sub 50 75.0

m/z--> 40 60 80 100 120 140 160 180 200 220 240



Abundance Scan 3609 (12.644 min): VV027207.D\data.ms (-3559) (-)

1,3,5-Trichlorobenzene

Concen: 49.612 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027210.D

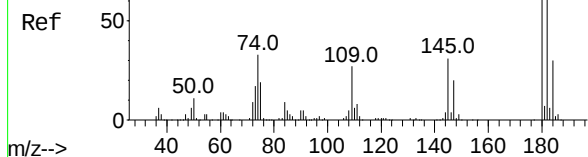
Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257



Tgt Ion:180 Resp: 202304

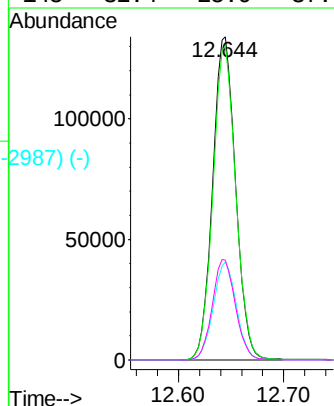
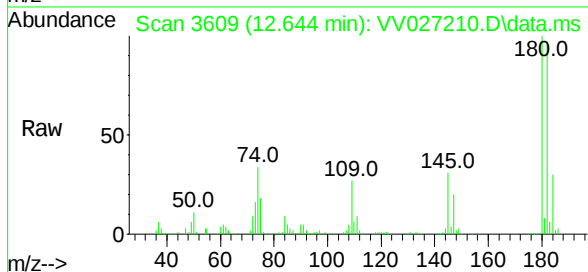
Ion Ratio Lower Upper

180 100

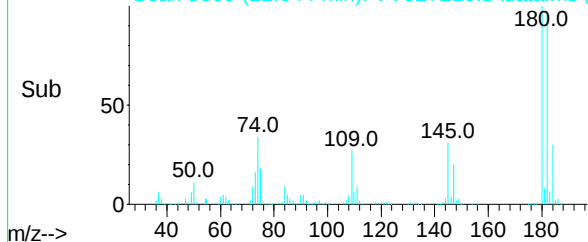
182 97.1 76.2 114.4

184 30.5 24.8 37.2

145 31.4 25.0 37.6



Abundance Scan 3609 (12.644 min): VV027210.D\data.ms (-2987) (-)



Abundance Scan 3800 (13.259 min): VV027207.D\data.ms (-3780) (-)

1,2,4-trichlorobenzene

Concen: 50.269 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

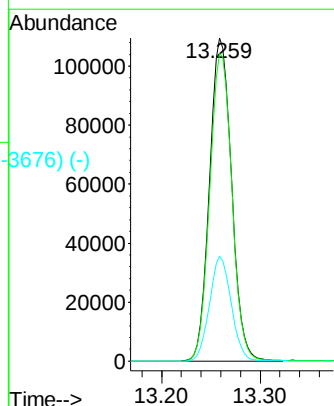
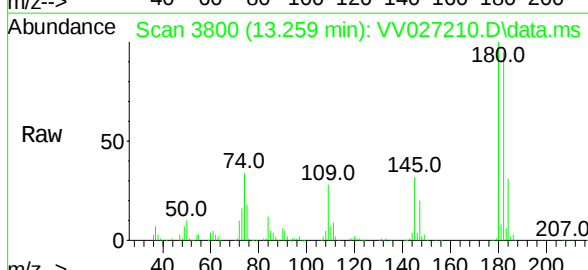
Tgt Ion:180 Resp: 170248

Ion Ratio Lower Upper

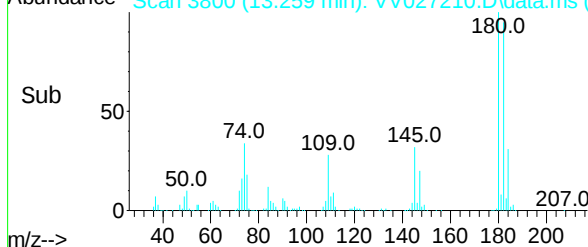
180 100

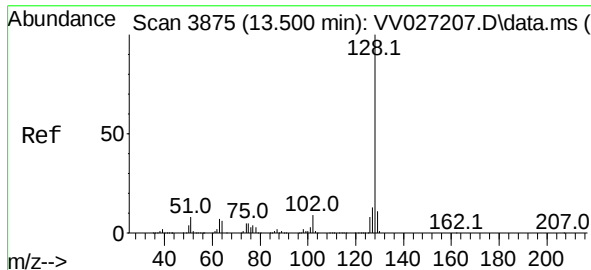
182 95.4 75.9 113.9

145 32.0 24.7 37.1



Abundance Scan 3800 (13.259 min): VV027210.D\data.ms (-3676) (-)





Naphthalene

Concen: 50.134 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VICV257

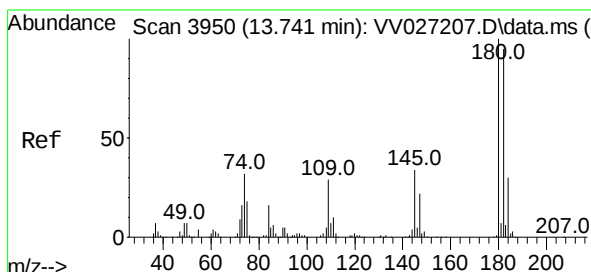
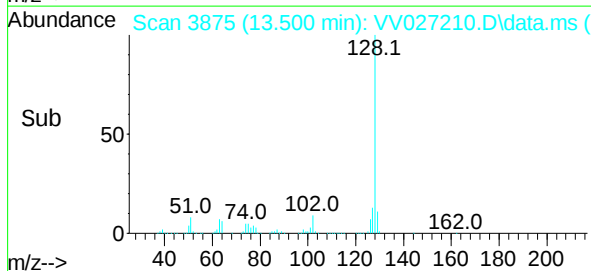
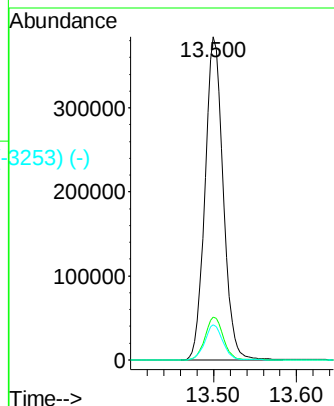
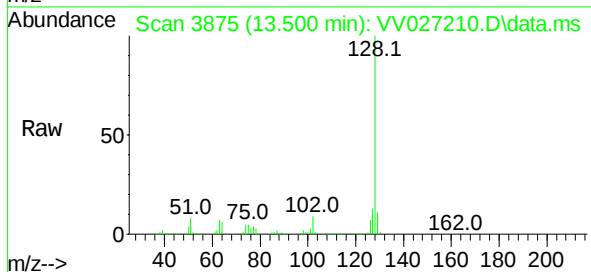
Tgt Ion:128 Resp: 581396

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.8 8.6 13.0



1,2,3-Trichlorobenzene

Concen: 51.847 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027210.D

Acq: 04 Aug 2022 14:00

Tgt Ion:180 Resp: 194628

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 34.2 27.4 41.0

