

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027211.D
 Acq On : 04 Aug 2022 14:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050328

Quant Time: Aug 05 02:23:33 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	375139	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	384818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	204077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	107711	42.114	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	84.220%	
7) Chloroethane-d5	1.558	69	86636	46.335	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.680%	
11) 1,1-Dichloroethene-d2	2.101	63	202367	43.257	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	86.520%	
21) 2-Butanone-d5	3.870	46	230477	101.238	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	101.240%	
24) Chloroform-d	4.339	84	234480	44.757	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.520%	
26) 1,2-Dichloroethane-d4	5.024	65	148911	45.780	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.560%	
32) Benzene-d6	5.040	84	394315	42.729	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.460%	
36) 1,2-Dichloropropane-d6	6.063	67	142965	43.552	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	87.100%	
41) Toluene-d8	7.310	98	352099	44.763	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.520%	
43) trans-1,3-Dichloroprop...	7.619	79	68106	47.599	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.200%	
47) 2-Hexanone-d5	8.085	63	159900	101.136	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	101.140%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	243089	45.441	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	90.880%	
66) 1,2-Dichlorobenzene-d4	11.622	152	161798	45.910	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	91.820%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	169555	50.808	ug/L	99
3) Chloromethane	1.236	50	183817	48.215	ug/L	99
5) Vinyl chloride	1.307	62	183453	48.304	ug/L	100
6) Bromomethane	1.510	94	88010	49.157	ug/L	100
8) Chloroethane	1.574	64	106466	50.319	ug/L	99
9) Trichlorofluoromethane	1.744	101	241148	49.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	136008	50.333	ug/L	97
12) 1,1-Dichloroethene	2.111	96	124015	47.710	ug/L	82
13) Acetone	2.159	43	162367	92.493	ug/L	88
14) Carbon disulfide	2.285	76	449489	50.809	ug/L	100
15) Methyl Acetate	2.423	43	192124	48.119	ug/L	# 83
16) Methylene chloride	2.497	84	168002	48.386	ug/L	85
17) trans-1,2-Dichloroethene	2.751	96	144287	50.161	ug/L	91
18) Methyl tert-butyl Ether	2.764	73	444989	52.015	ug/L	# 95
19) 1,1-Dichloroethane	3.178	63	279755	48.447	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	152452	51.019	ug/L	84
22) 2-Butanone	3.953	43	256904	106.747	ug/L	98
23) Bromochloromethane	4.236	128	83351	49.951	ug/L	85

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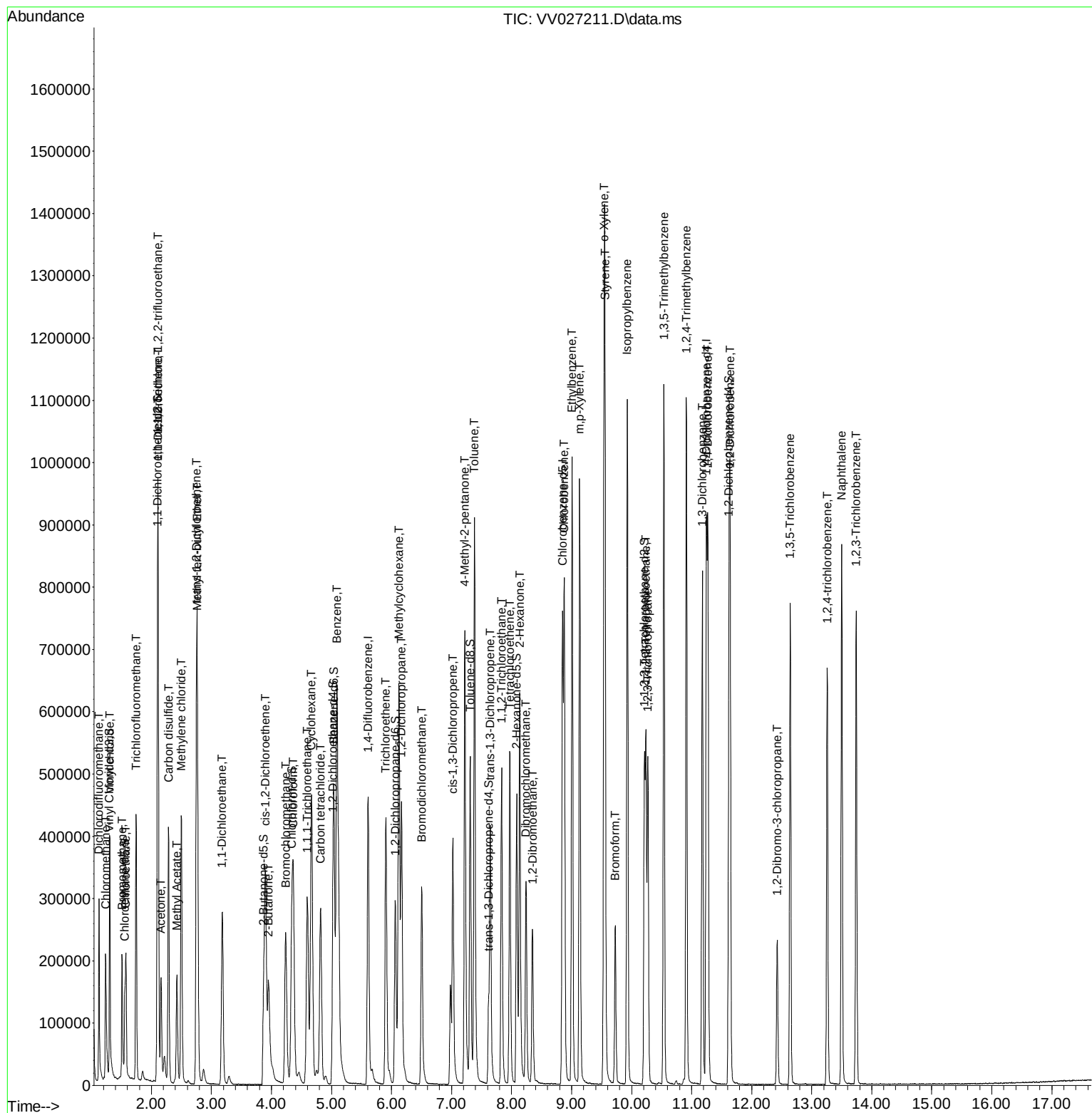
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.365	83	279070	47.822	ug/L	98
29) Cyclohexane	4.667	56	233745	52.742	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	242738	47.591	ug/L	97
31) Carbon tetrachloride	4.818	117	212391	47.962	ug/L	98
33) Benzene	5.088	78	611040	49.412	ug/L	100
34) Trichloroethene	5.905	95	156694	49.487	ug/L	97
35) Methylcyclohexane	6.124	83	258761	55.576	ug/L	92
37) 1,2-Dichloropropane	6.165	63	156693	45.229	ug/L	98
38) Bromodichloromethane	6.503	83	216622	47.721	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	240155	52.333	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	504620	102.102	ug/L #	91
42) Toluene	7.381	91	659520	52.454	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	237011	52.556	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	157593	47.197	ug/L	97
46) Tetrachloroethene	7.972	164	117100	50.528	ug/L	98
48) 2-Hexanone	8.136	43	402084	102.149	ug/L #	88
49) Dibromochloromethane	8.239	129	166826	47.264	ug/L	99
50) 1,2-Dibromoethane	8.349	107	164974	48.017	ug/L	99
51) Chlorobenzene	8.876	112	414916	49.199	ug/L	96
52) Ethylbenzene	9.008	91	678111	52.267	ug/L	99
53) m,p-Xylene	9.133	106	265646	54.178	ug/L	96
54) o-Xylene	9.542	106	253368	53.040	ug/L	98
55) Styrene	9.558	104	460569	54.732	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	264013	47.197	ug/L	100
59) Bromoform	9.728	173	109664	45.229	ug/L	100
60) Isopropylbenzene	9.927	105	667164	51.876	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	210204	44.866	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	558297	52.566	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	558594	53.688	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	312684	50.164	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	324447	49.459	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	318786	48.811	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	57800	43.974	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	215531	51.482	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	184540	53.072	ug/L	99
71) Naphthalene	13.500	128	636251	53.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	206884	53.679	ug/L	99

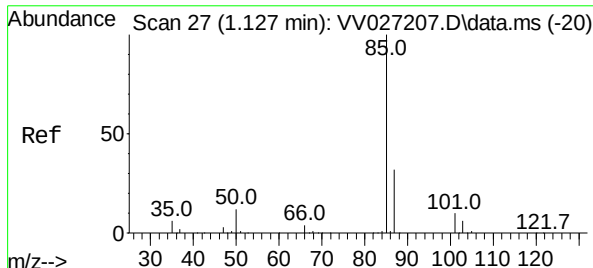
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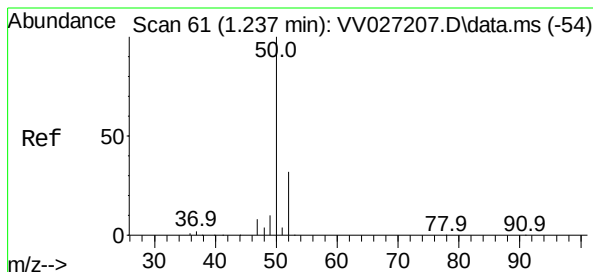
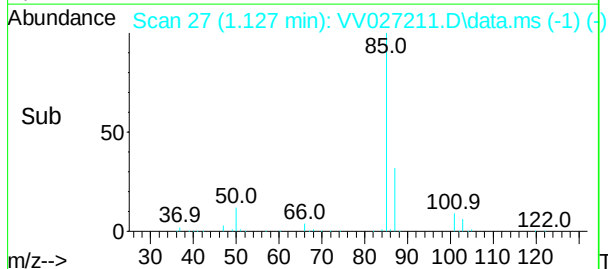
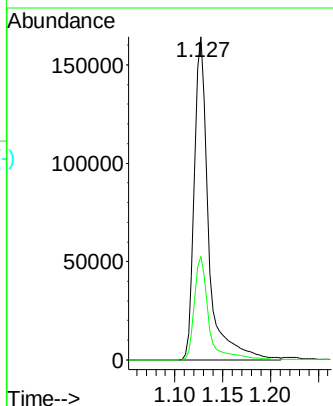
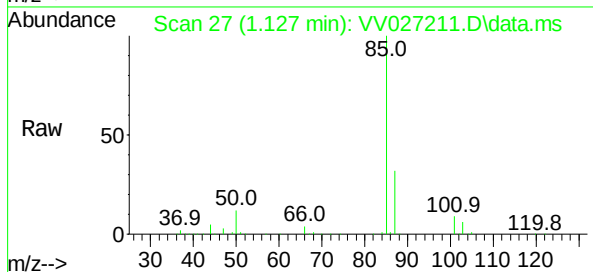




Dichlorodifluoromethane
 Concen: 50.808 ug/L
 RT: 1.127 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VV027211.D
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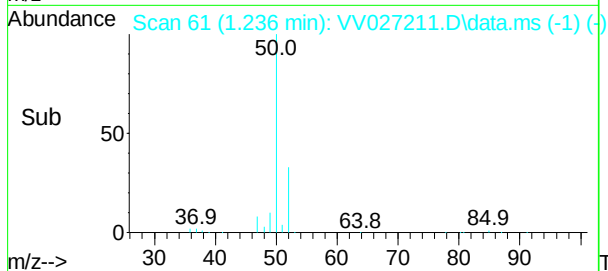
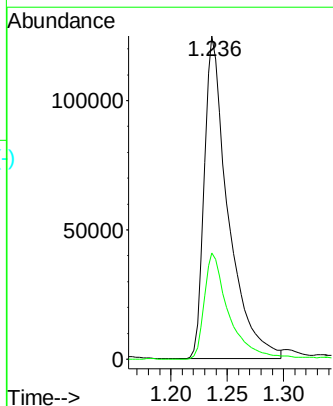
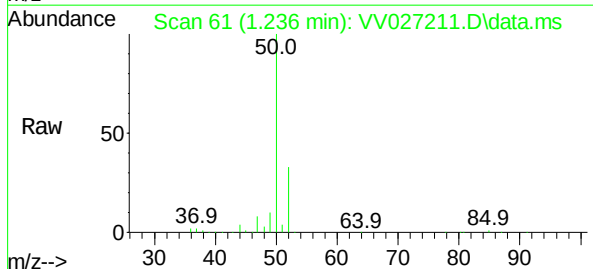
Instrument : MSVOA_V
 ClientSampleId : VSTD050328

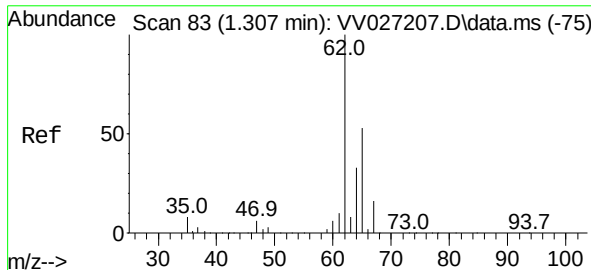
Tgt Ion: 85 Resp: 169555
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



Chloromethane
 Concen: 48.215 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027211.D
 Acq: 04 Aug 2022 14:51

Tgt Ion: 50 Resp: 183817
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.5 43.7





Vinyl chloride

Concen: 48.304 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

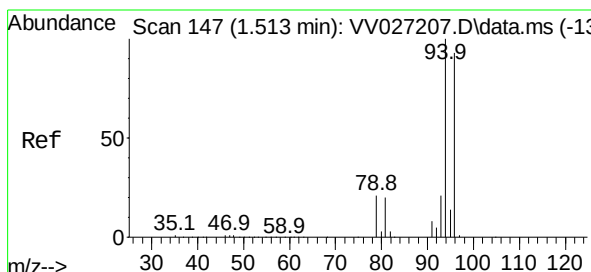
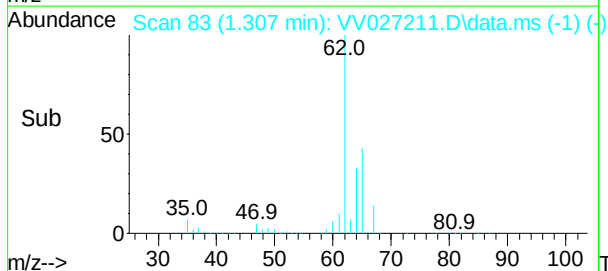
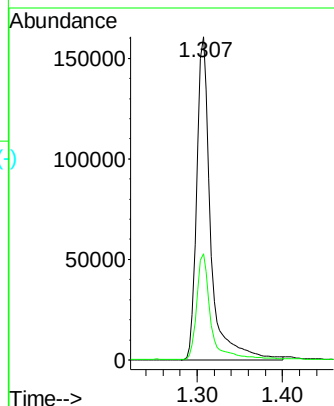
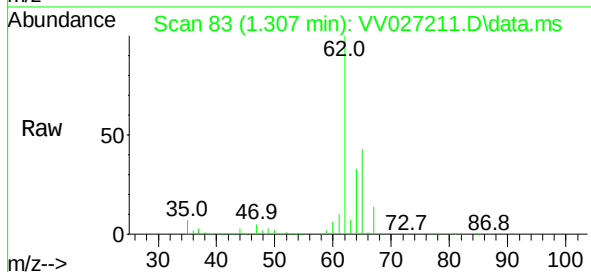
VSTD050328

Tgt Ion: 62 Resp: 183453

Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.2



Bromomethane

Concen: 49.157 ug/L

RT: 1.510 min Scan# 146

Delta R.T. -0.003 min

Lab File: VV027211.D

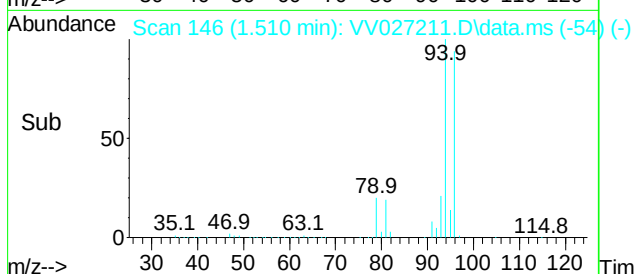
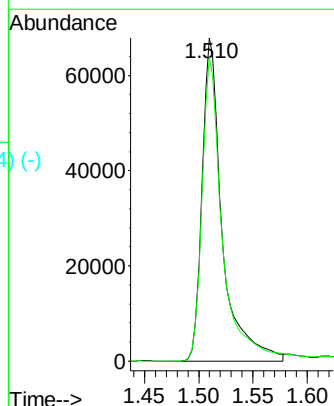
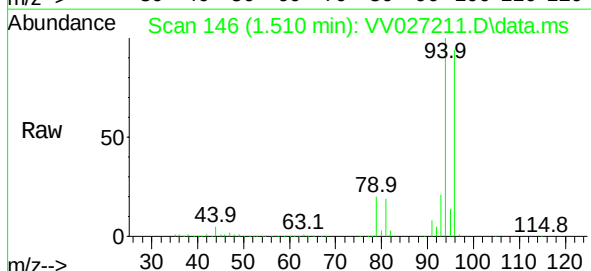
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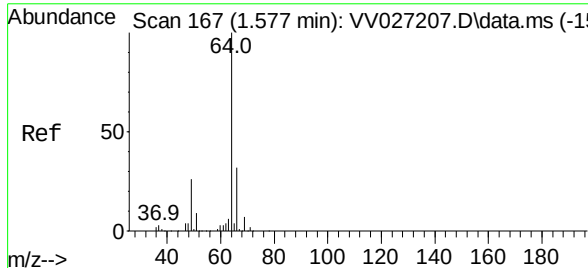
Tgt Ion: 94 Resp: 88010

Ion Ratio Lower Upper

94 100

96 94.1 66.1 122.8





Chloroethane

Concen: 50.319 ug/L

RT: 1.574 min Scan#

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

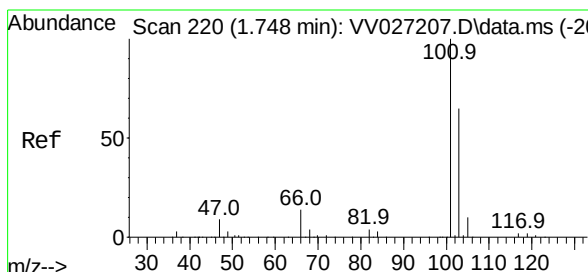
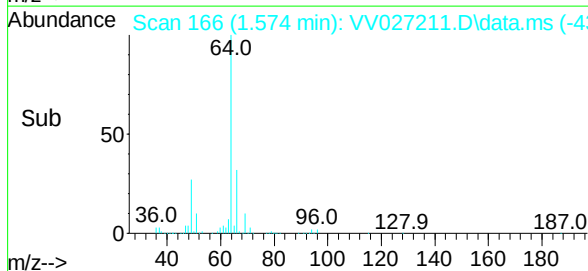
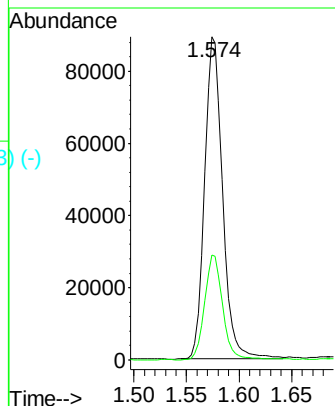
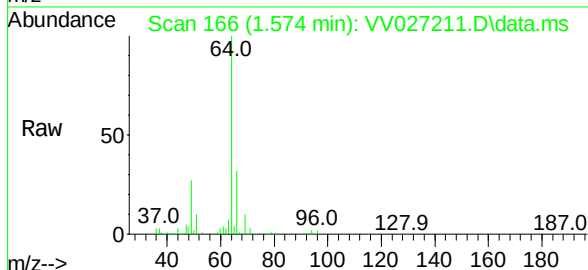
VSTD050328

Tgt Ion: 64 Resp: 106466

Ion Ratio Lower Upper

64 100

66 32.4 22.4 41.6



Trichlorofluoromethane

Concen: 49.486 ug/L

RT: 1.744 min Scan# 219

Delta R.T. -0.003 min

Lab File: VV027211.D

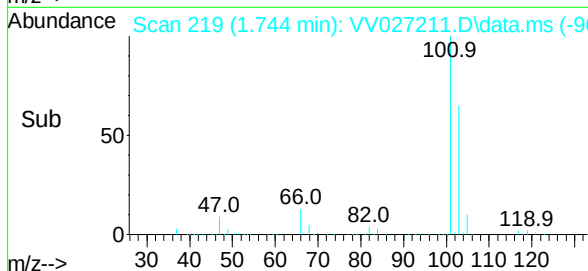
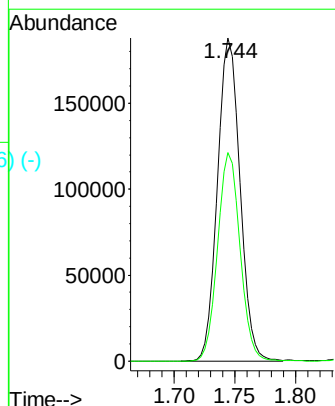
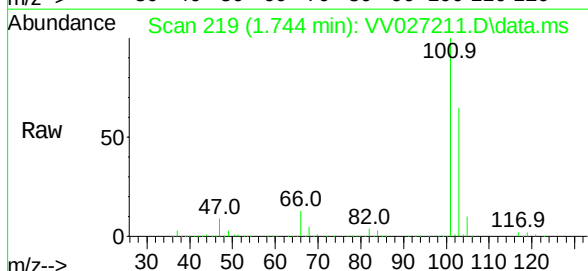
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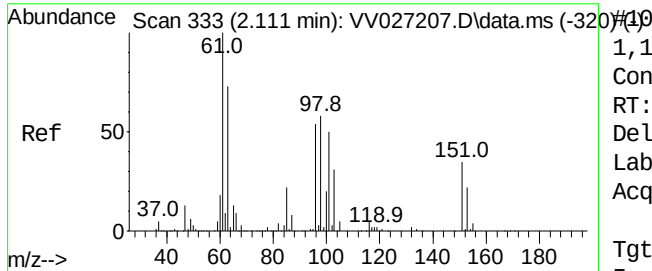
Tgt Ion:101 Resp: 241148

Ion Ratio Lower Upper

101 100

103 64.4 52.4 78.6

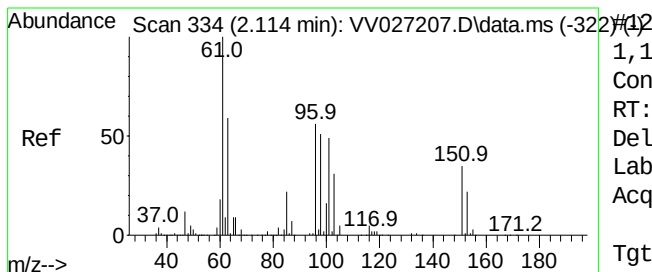
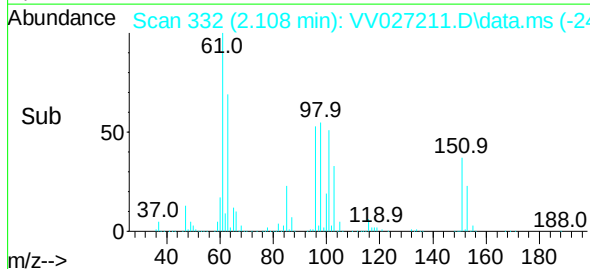
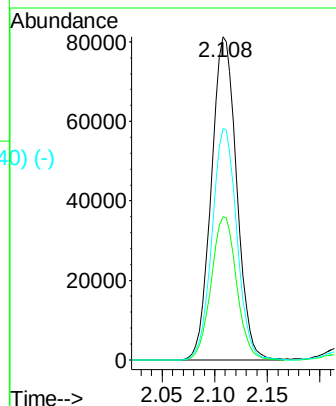
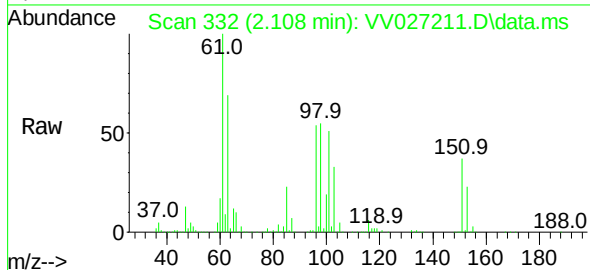




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.333 ug/L
 RT: 2.108 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027211.D
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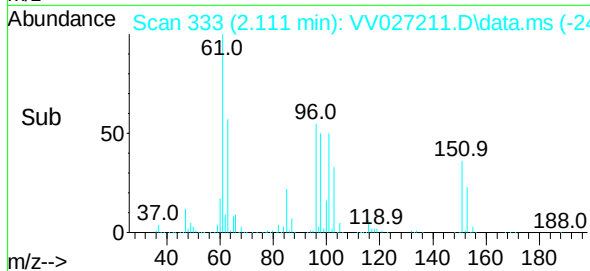
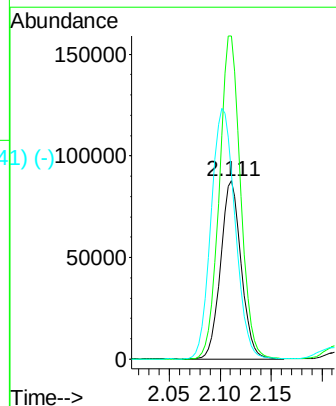
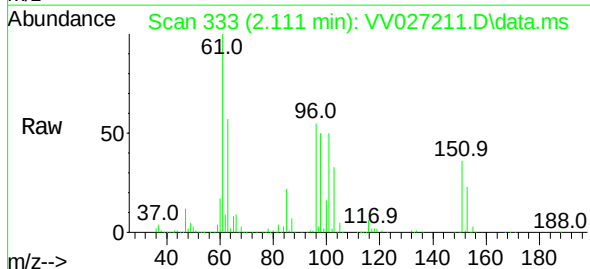
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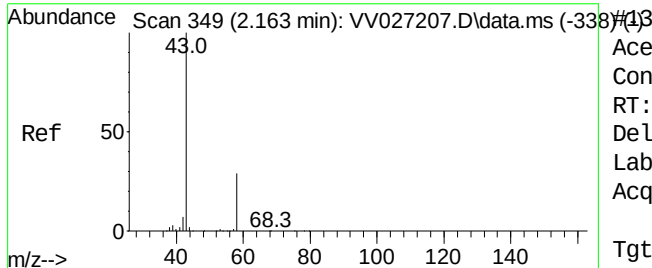
Tgt Ion:	101	Resp:	136008
Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.1	51.1
151	70.2	57.8	86.8



1,1-Dichloroethene
 Concen: 47.710 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
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Tgt Ion:	96	Resp:	124015
Ion	Ratio	Lower	Upper
96	100		
61	180.8	114.3	212.3
63	103.9	93.4	173.4





Acetone

Concen: 92.493 ug/L

RT: 2.159 min Scan# 348

Delta R.T. -0.003 min

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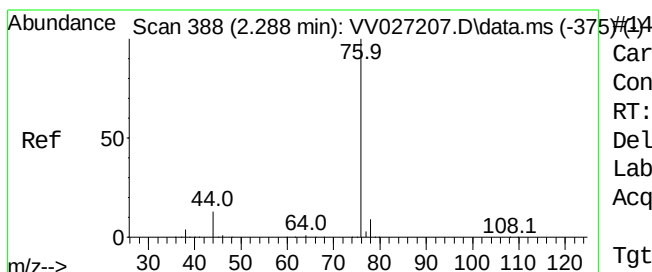
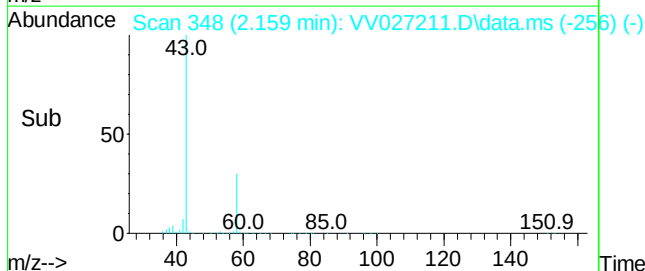
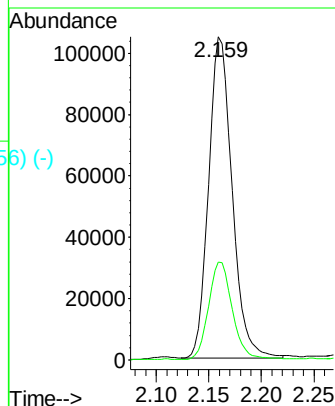
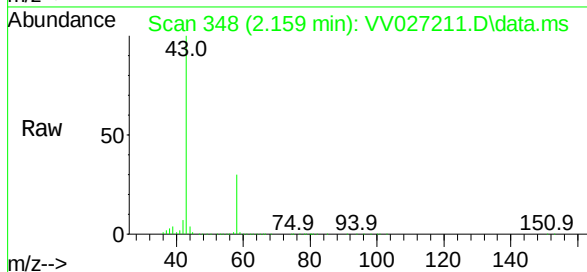
VSTD050328

Tgt Ion: 43 Resp: 162367

Ion Ratio Lower Upper

43 100

58 30.6 0.0 49.6



Carbon disulfide

Concen: 50.809 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV027211.D

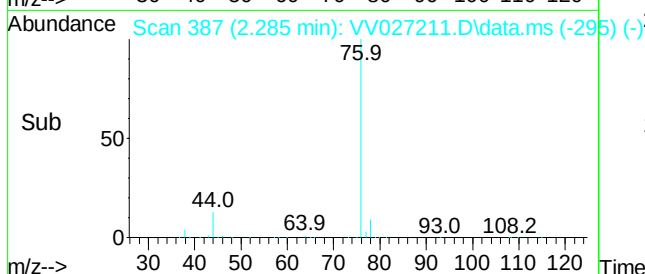
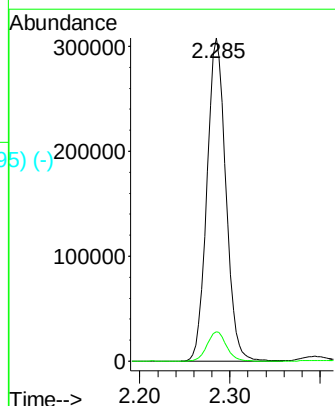
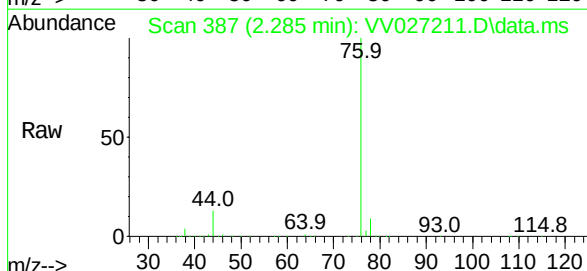
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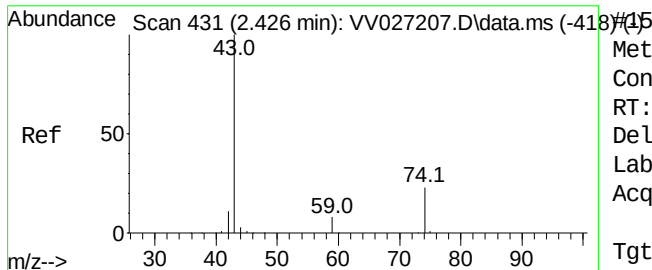
Tgt Ion: 76 Resp: 449489

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





Methyl Acetate

Concen: 48.119 ug/L

RT: 2.423 min Scan# 415

Delta R.T. -0.003 min

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ClientSampleId :

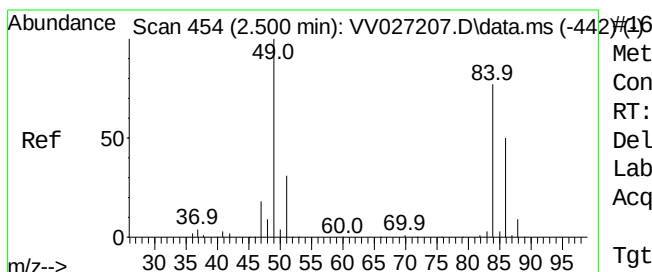
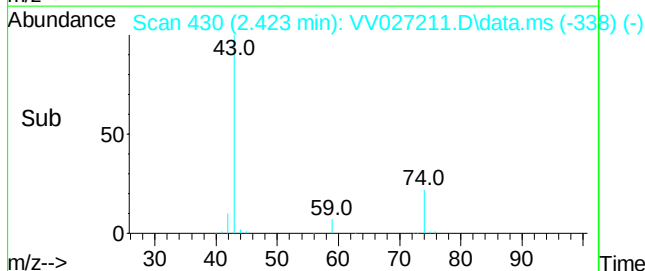
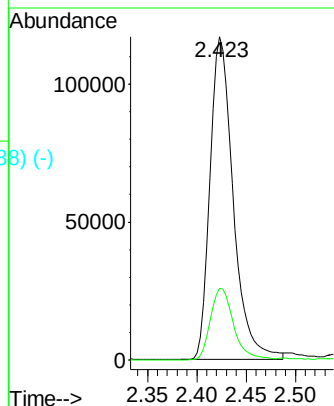
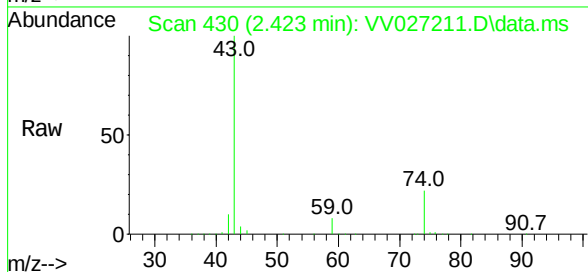
VSTD050328

Tgt Ion: 43 Resp: 192124

Ion Ratio Lower Upper

43 100

74 22.2 25.5 38.3#



Methylene chloride

Concen: 48.386 ug/L

RT: 2.497 min Scan# 453

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

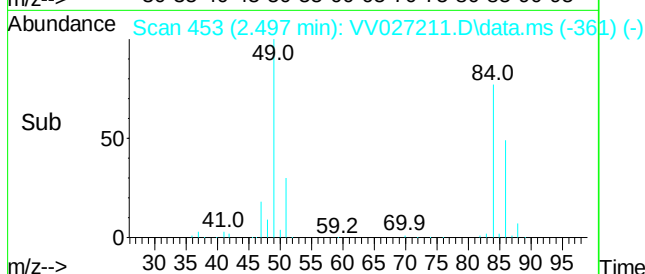
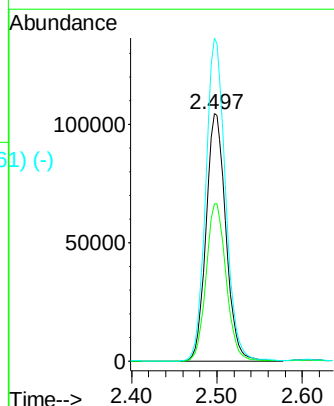
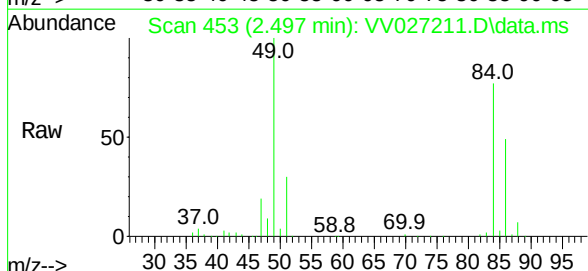
Tgt Ion: 84 Resp: 168002

Ion Ratio Lower Upper

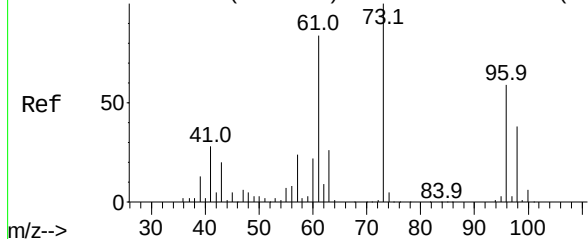
84 100

86 63.7 45.0 83.6

49 130.6 74.1 137.7



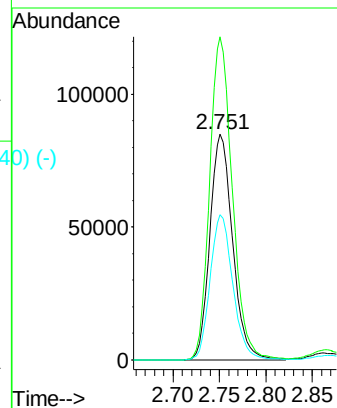
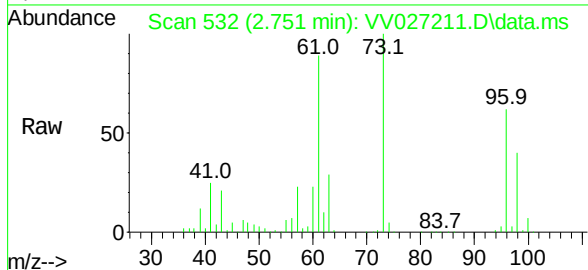
Abundance Scan 533 (2.754 min): VV027207.D\data.ms (-521) #17



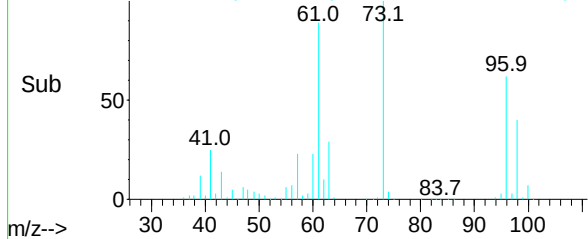
trans-1,2-Dichloroethene
Concen: 50.161 ug/L
RT: 2.751 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

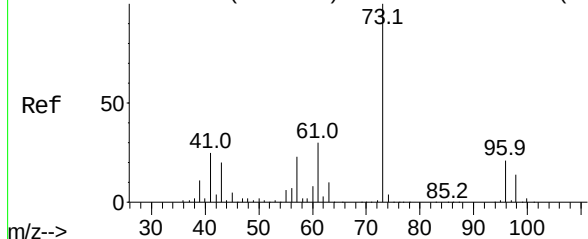
Tgt Ion: 96 Resp: 144287
Ion Ratio Lower Upper
96 100
61 143.1 89.2 165.6
98 64.3 44.6 82.8



Abundance Scan 532 (2.751 min): VV027211.D\data.ms (-440) (-)

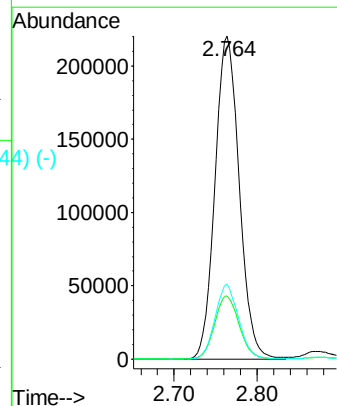
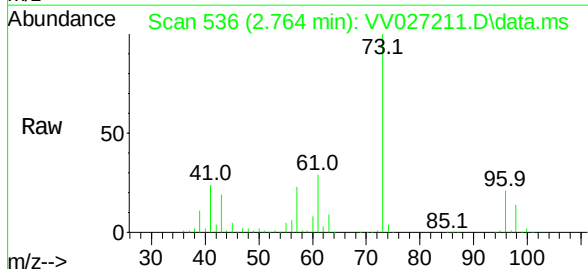


Abundance Scan 537 (2.767 min): VV027207.D\data.ms (-520) #18

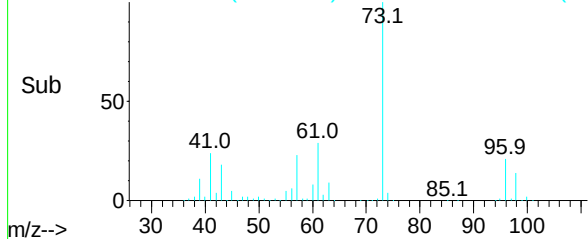


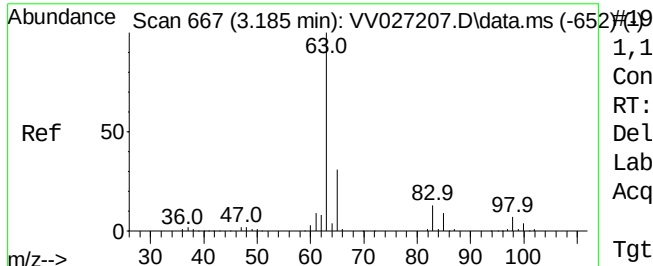
Methyl tert-butyl Ether
Concen: 52.015 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Tgt Ion: 73 Resp: 444989
Ion Ratio Lower Upper
73 100
43 19.7 12.6 18.8#
57 22.6 17.3 25.9



Abundance Scan 536 (2.764 min): VV027211.D\data.ms (-444) (-)





1,1-Dichloroethane

Concen: 48.447 ug/L

RT: 3.178 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

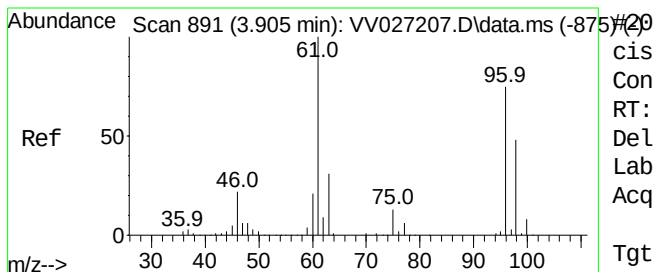
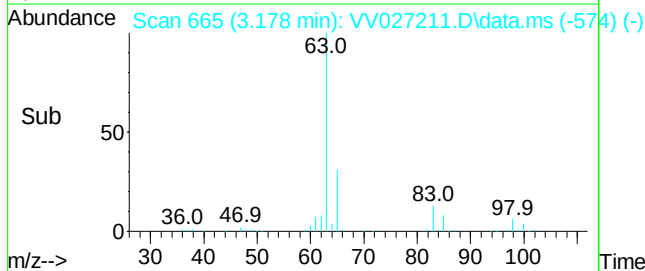
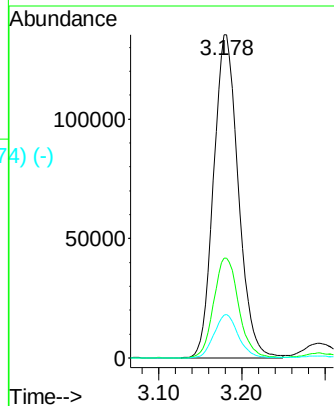
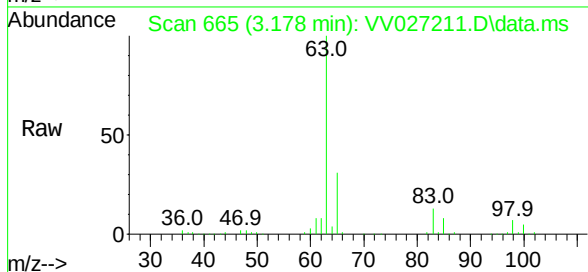
Tgt Ion: 63 Resp: 279755

Ion Ratio Lower Upper

63 100

65 31.0 22.7 42.3

83 13.3 9.5 17.7



cis-1,2-Dichloroethene

Concen: 51.019 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.007 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

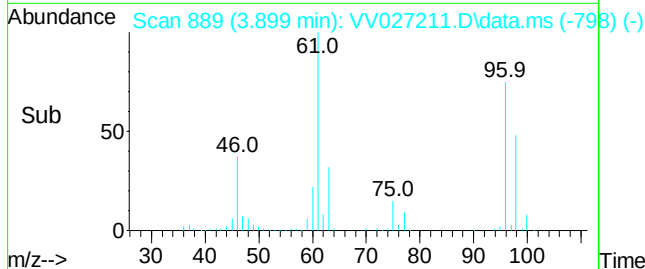
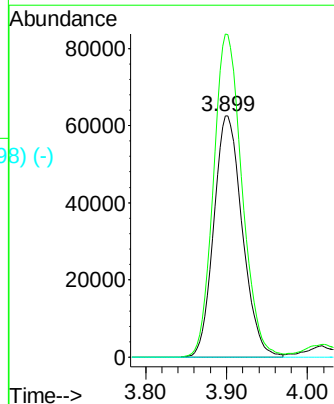
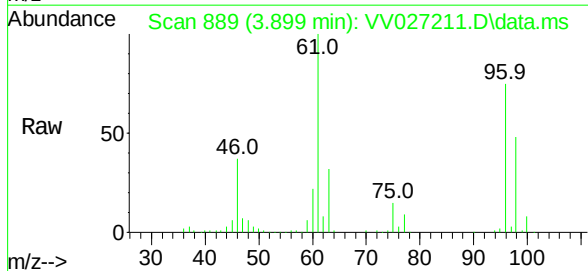
Tgt Ion: 96 Resp: 152452

Ion Ratio Lower Upper

96 100

61 134.0 81.8 151.8

68 0.0 0.0 0.0



Abundance Scan 908 (3.960 min): VV027207.D\data.ms (-892) #22

2-Butanone

Concen: 106.747 ug/L

RT: 3.953 min Scan# 906

Delta R.T. -0.007 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

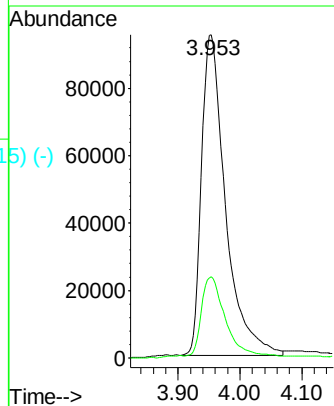
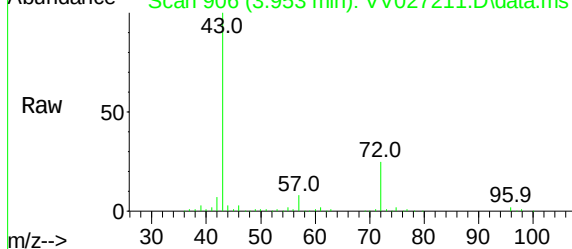
Tgt Ion: 43 Resp: 256904

Ion Ratio Lower Upper

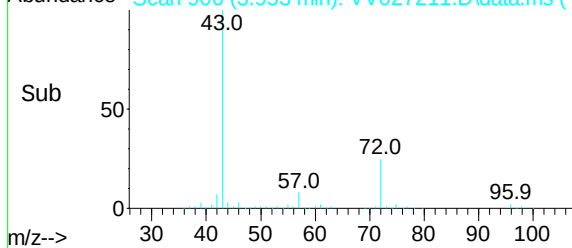
43 100

72 24.8 11.9 35.7

Abundance Scan 906 (3.953 min): VV027211.D\data.ms



Abundance Scan 906 (3.953 min): VV027211.D\data.ms (-815) (-)



Abundance Scan 996 (4.243 min): VV027207.D\data.ms (-981) #23

Bromochloromethane

Concen: 49.951 ug/L

RT: 4.236 min Scan# 994

Delta R.T. -0.007 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Tgt Ion:128 Resp: 83351

Ion Ratio Lower Upper

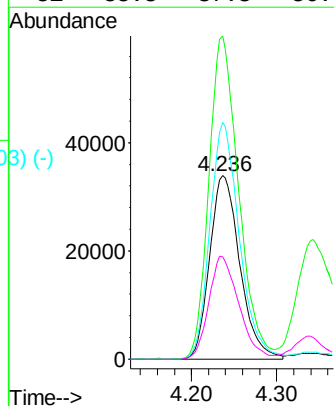
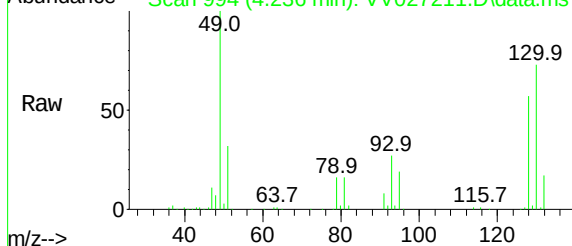
128 100

49 176.0 98.7 183.3

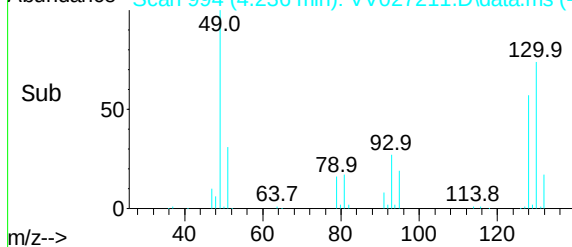
130 129.1 89.5 166.1

51 55.8 37.8 56.8

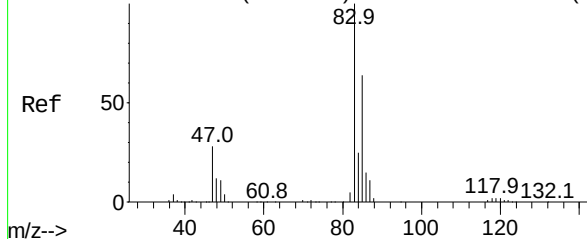
Abundance Scan 994 (4.236 min): VV027211.D\data.ms



Abundance Scan 994 (4.236 min): VV027211.D\data.ms (-903) (-)



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



Chloroform

Concen: 47.822 ug/L

RT: 4.365 min Scan# 1125

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

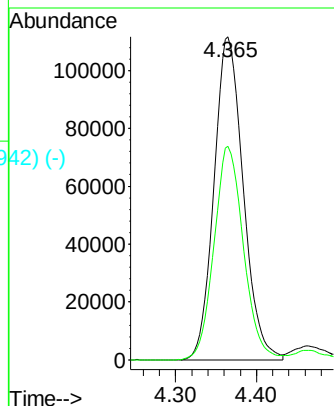
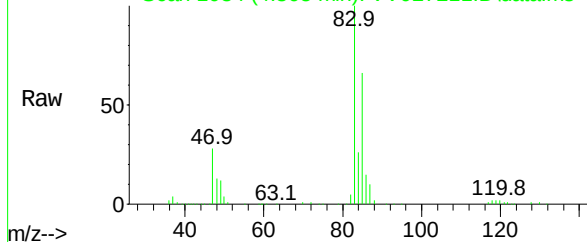
Tgt Ion: 83 Resp: 279070

Ion Ratio Lower Upper

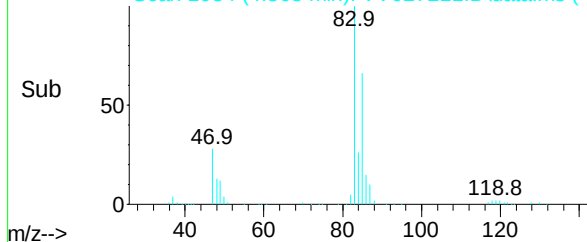
83 100

85 66.1 45.4 84.4

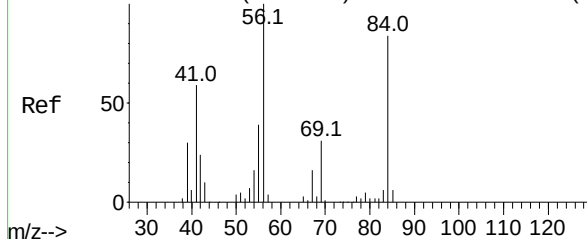
Abundance Scan 1034 (4.365 min): VV027211.D\data.ms



Abundance Scan 1034 (4.365 min): VV027211.D\data.ms (-942) (-)



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



Cyclohexane

Concen: 52.742 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Tgt Ion: 56 Resp: 233745

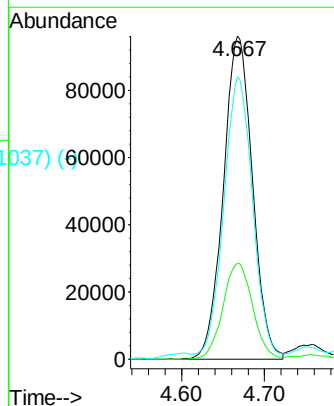
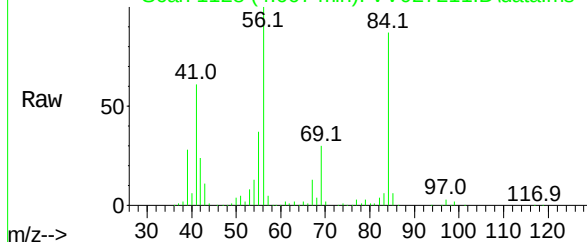
Ion Ratio Lower Upper

56 100

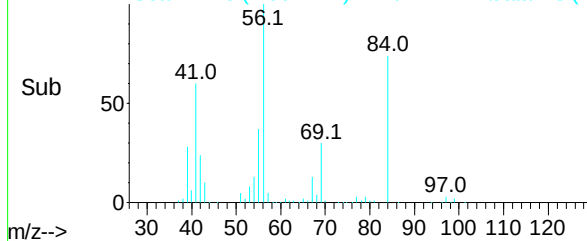
69 30.4 25.9 38.9

84 86.9 75.3 112.9

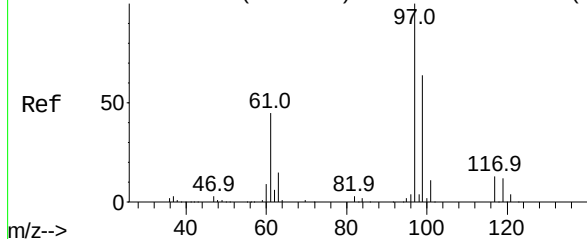
Abundance Scan 1128 (4.667 min): VV027211.D\data.ms



Abundance Scan 1128 (4.667 min): VV027211.D\data.ms (-1037) (-)



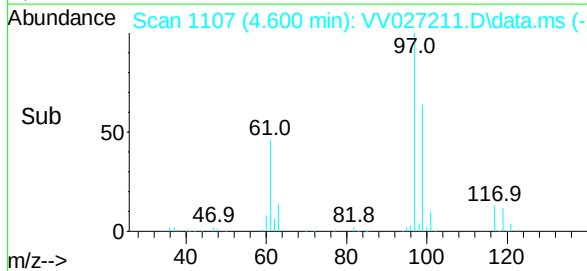
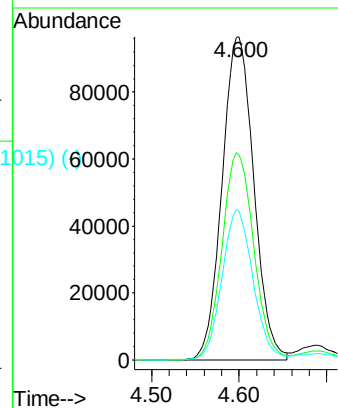
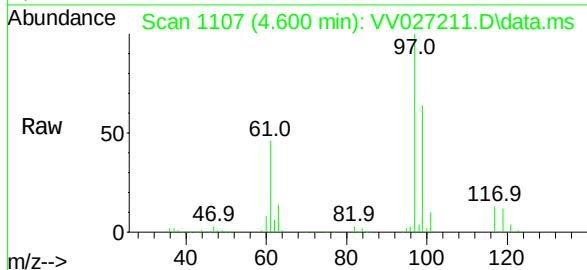
Abundance Scan 1108 (4.603 min): VV027207.D\data.ms (-1089)



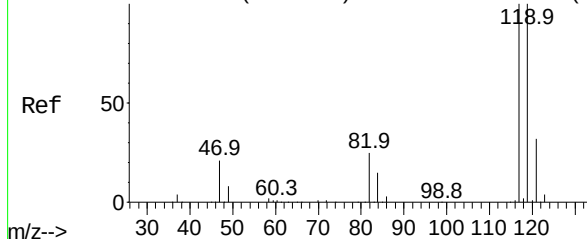
1,1,1-Trichloroethane
Concen: 47.591 ug/L
RT: 4.600 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

Tgt Ion:	97	Resp:	242738
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	45.2	32.1	48.1

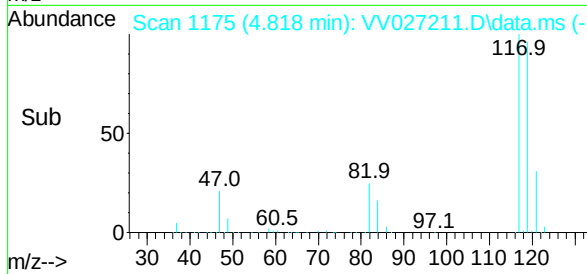
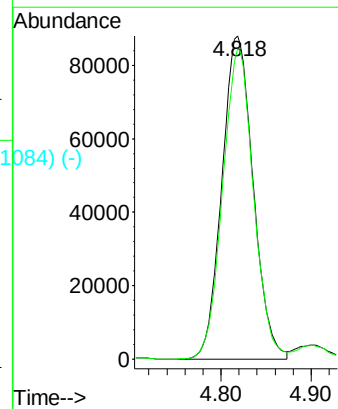
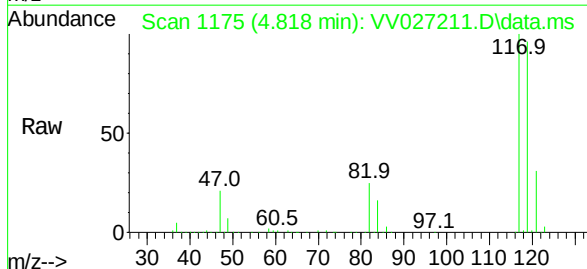


Abundance Scan 1177 (4.825 min): VV027207.D\data.ms (-1159)

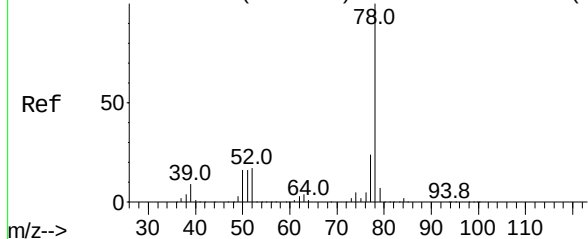


Carbon tetrachloride
Concen: 47.962 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.007 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Tgt Ion:	117	Resp:	212391
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.0	115.6



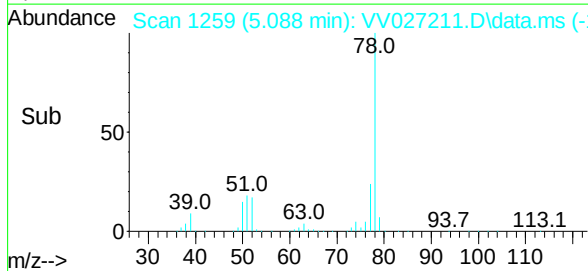
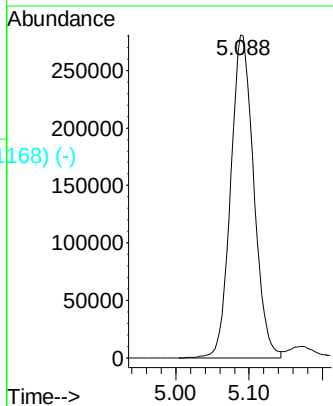
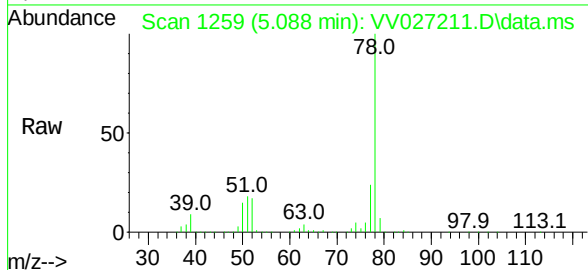
Abundance Scan 1261 (5.095 min): VV027207.D\data.ms (-12334)



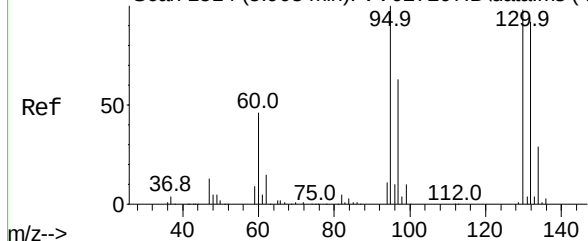
Benzene
Concen: 49.412 ug/L
RT: 5.088 min Scan# 1261
Delta R.T. -0.007 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument : MSVOA_V
ClientSampleId : VSTD050328

Tgt Ion: 78 Resp: 611040



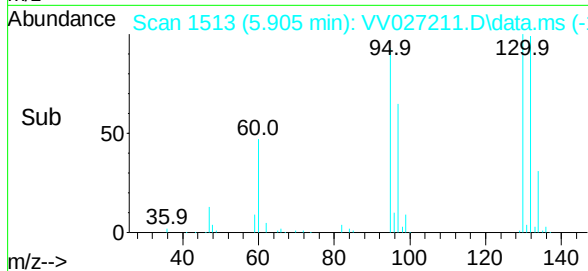
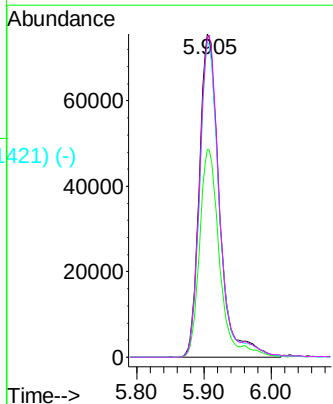
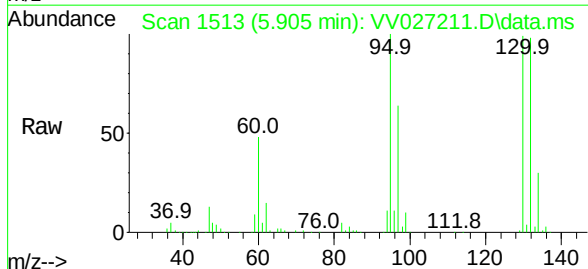
Abundance Scan 1514 (5.908 min): VV027207.D\data.ms (-15024)



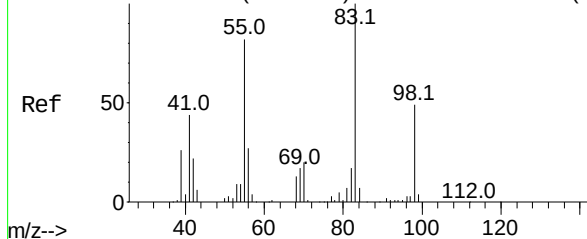
Trichloroethene
Concen: 49.487 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Tgt Ion: 95 Resp: 156694

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.9	85.3
132	97.6	69.8	129.6
130	99.1	72.5	134.7



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



Methylcyclohexane

Concen: 55.576 ug/L

RT: 6.124 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

Tgt Ion: 83 Resp: 258761

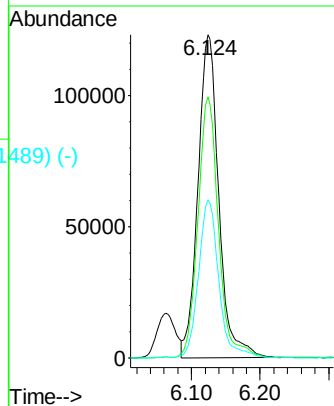
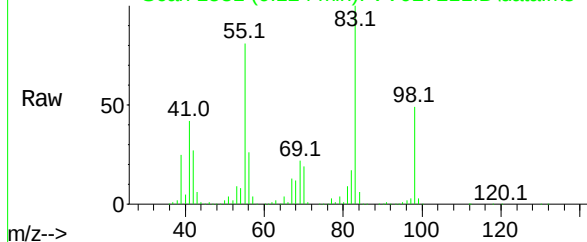
Ion Ratio Lower Upper

83 100

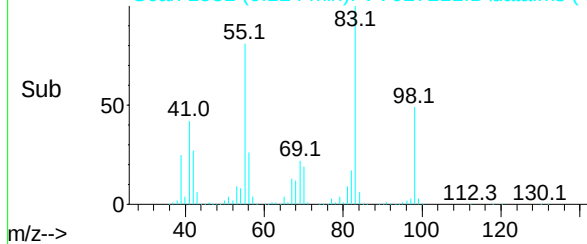
55 80.1 55.5 83.3

98 48.1 39.0 58.4

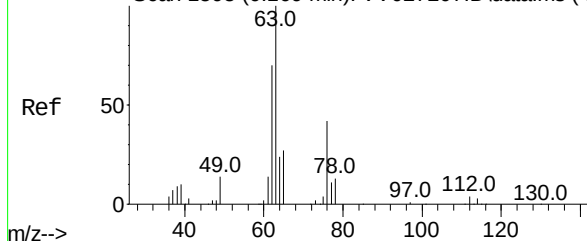
Abundance Scan 1581 (6.124 min): VV027211.D\data.ms



Abundance Scan 1581 (6.124 min): VV027211.D\data.ms (-1489) (-)



Abundance Scan 1595 (6.169 min): VV027207.D\data.ms (-15837)



1,2-Dichloropropane

Concen: 45.229 ug/L

RT: 6.165 min Scan# 1594

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

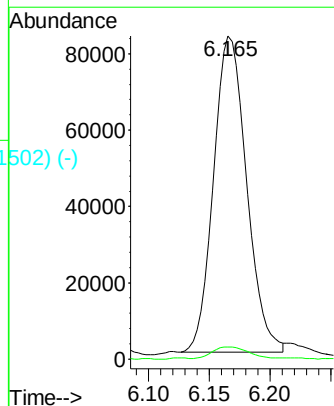
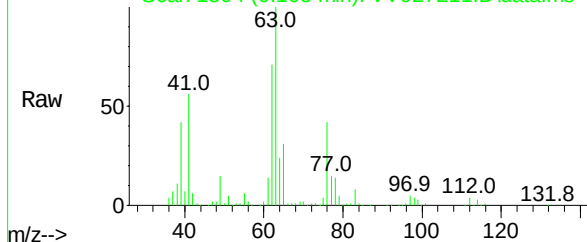
Tgt Ion: 63 Resp: 156693

Ion Ratio Lower Upper

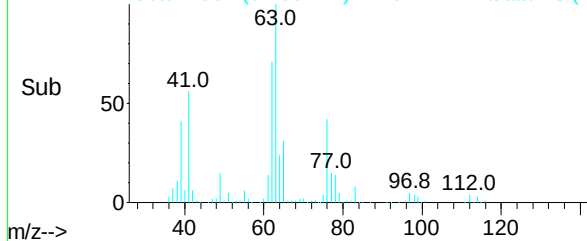
63 100

112 4.0 3.7 5.5

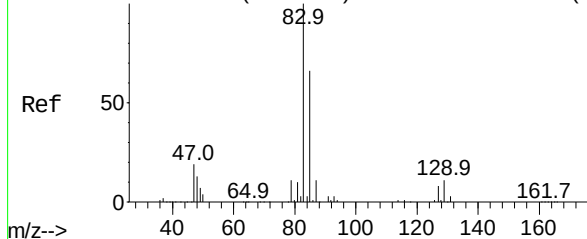
Abundance Scan 1594 (6.165 min): VV027211.D\data.ms



Abundance Scan 1594 (6.165 min): VV027211.D\data.ms (-1502) (-)



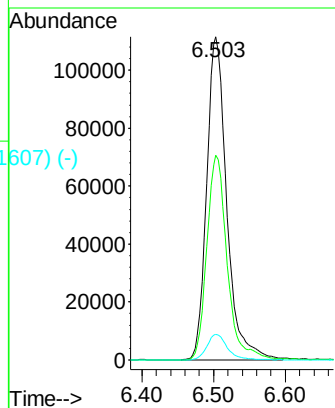
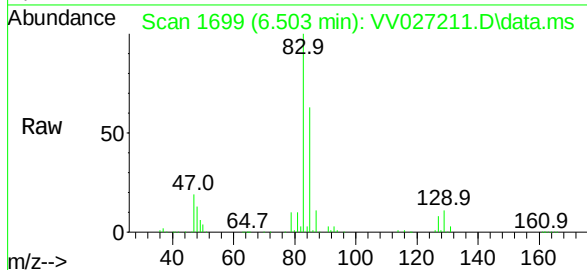
Abundance Scan 1700 (6.506 min): VV027207.D\data.ms (-1679)



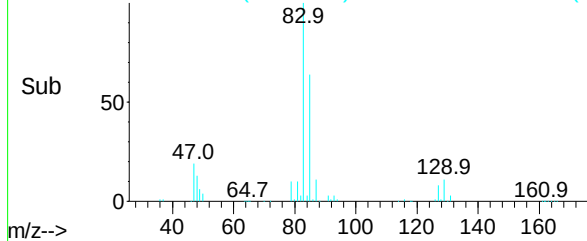
Bromodichloromethane
Concen: 47.721 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

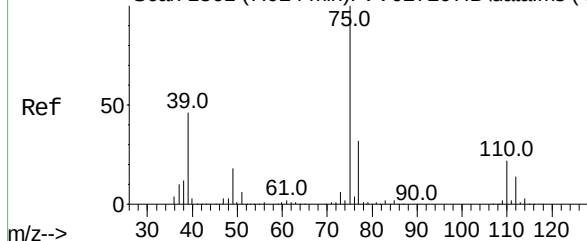
Tgt Ion:	83	Resp:	216622
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.5	84.5
127	8.0	7.0	10.6



Abundance Scan 1699 (6.503 min): VV027211.D\data.ms (-1607) (-)

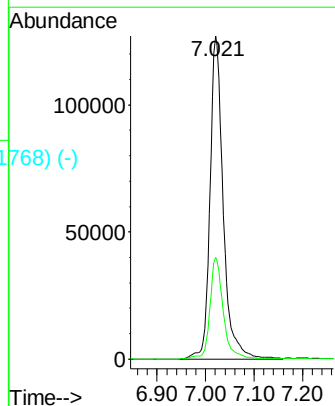
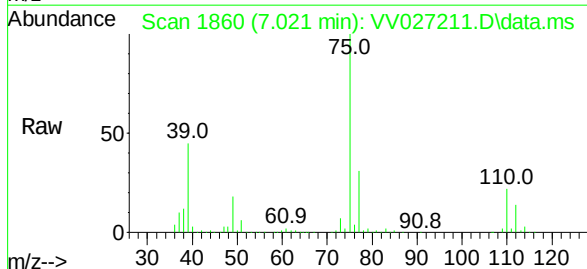


Abundance Scan 1861 (7.024 min): VV027207.D\data.ms (-1849)

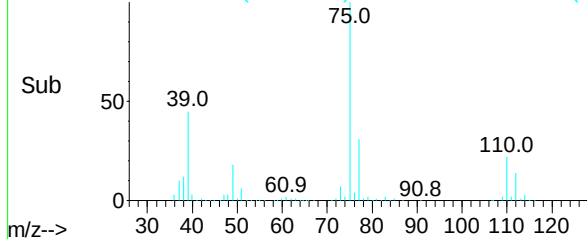


cis-1,3-Dichloropropene
Concen: 52.333 ug/L
RT: 7.021 min Scan# 1860
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Tgt Ion:	75	Resp:	240155
Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.5	41.7



Abundance Scan 1860 (7.021 min): VV027211.D\data.ms (-1768) (-)



Abundance Scan 1923 (7.223 min): VV027207.D\data.ms (-19110-)

4-Methyl-2-pentanone

Concen: 102.102 ug/L

RT: 7.220 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027211.D

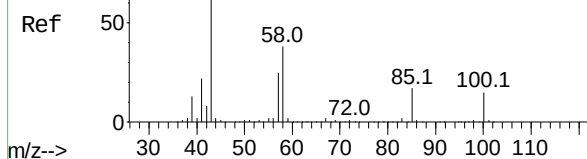
Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328



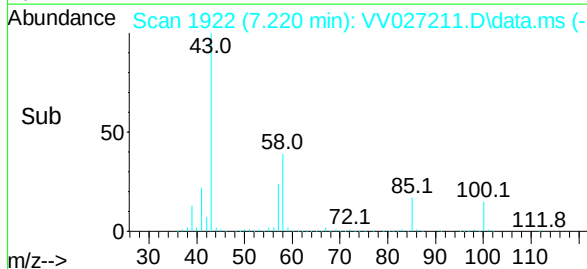
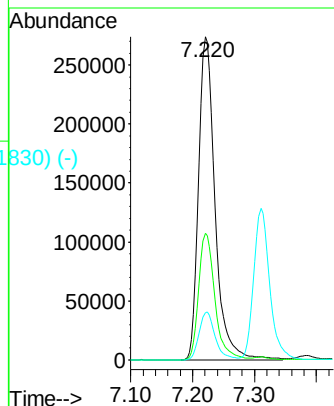
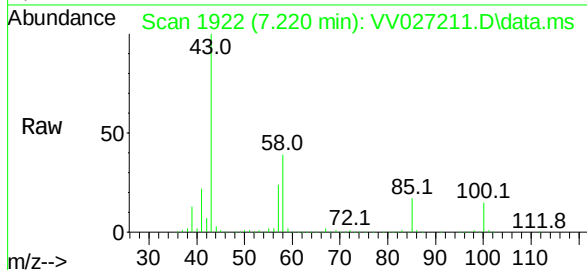
Tgt Ion: 43 Resp: 504620

Ion Ratio Lower Upper

43 100

58 38.6 35.3 52.9

100 14.5 15.7 23.5#



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

Toluene

Concen: 52.454 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV027211.D

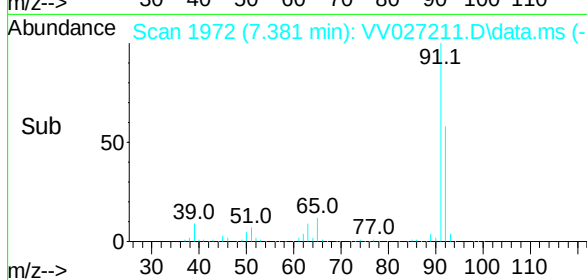
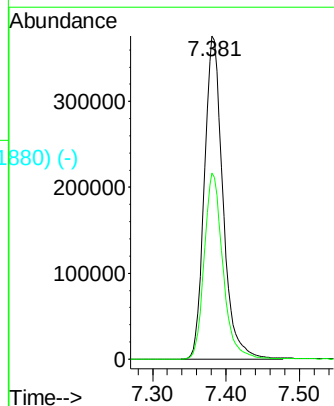
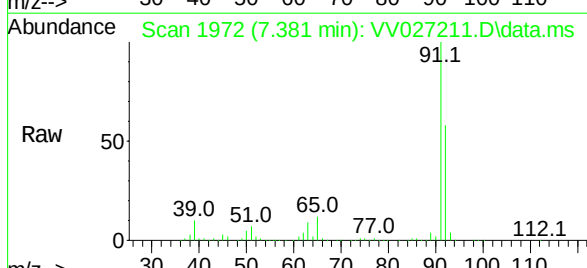
Acq: 04 Aug 2022 14:51

Tgt Ion: 91 Resp: 659520

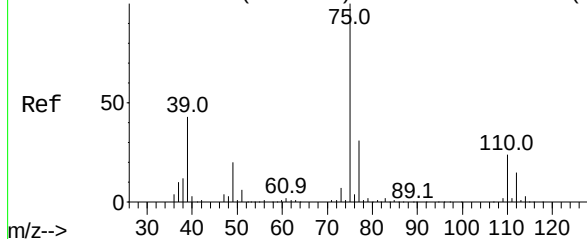
Ion Ratio Lower Upper

91 100

92 57.7 40.9 76.0



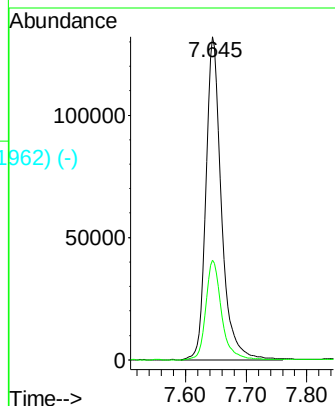
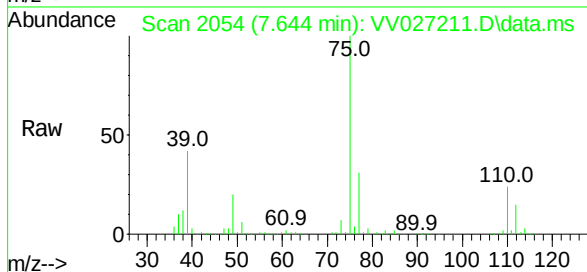
Abundance Scan 2055 (7.648 min): VV027207.D\data.ms (-20384)



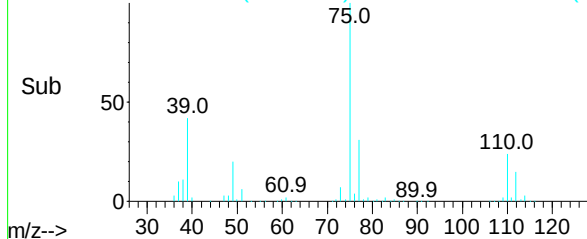
trans-1,3-Dichloropropene
Concen: 52.556 ug/L
RT: 7.644 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

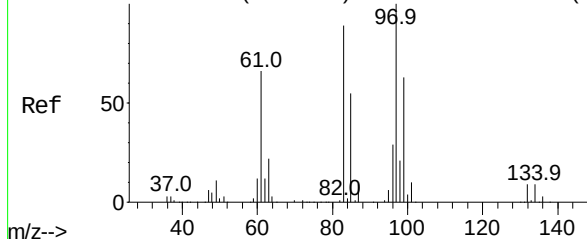
Tgt Ion: 75 Resp: 237011
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0



Abundance Scan 2054 (7.644 min): VV027211.D\data.ms (-1962) (-)

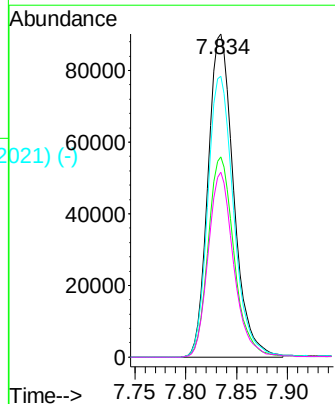
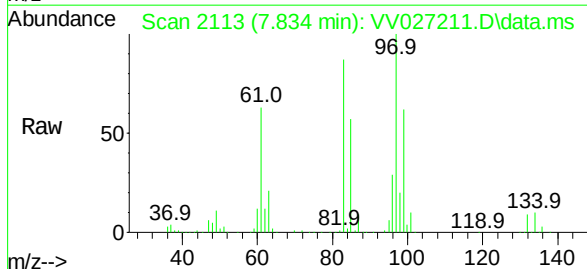


Abundance Scan 2114 (7.838 min): VV027207.D\data.ms (-21025)

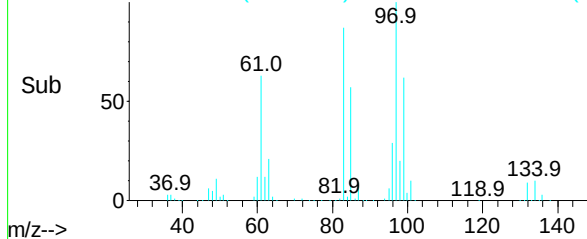


1,1,2-Trichloroethane
Concen: 47.197 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

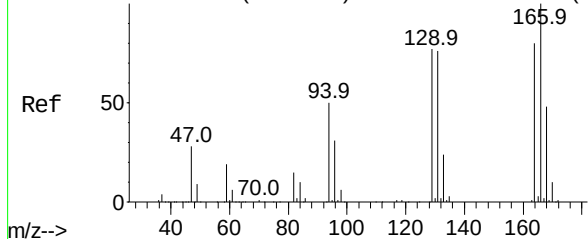
Tgt Ion: 97 Resp: 157593
Ion Ratio Lower Upper
97 100
99 62.0 43.2 80.2
83 87.0 58.0 107.6
85 57.2 38.5 71.5



Abundance Scan 2113 (7.834 min): VV027211.D\data.ms (-2021) (-)



Abundance Scan 2156 (7.973 min): VV027207.D\data.ms (-21496-)



Tetrachloroethene

Concen: 50.528 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

Tgt Ion:164 Resp: 117100

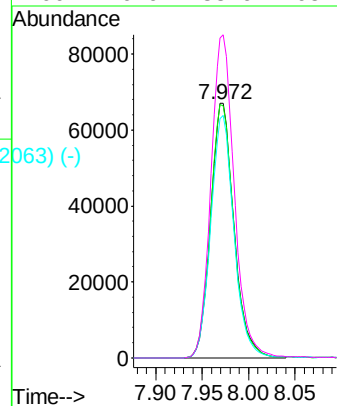
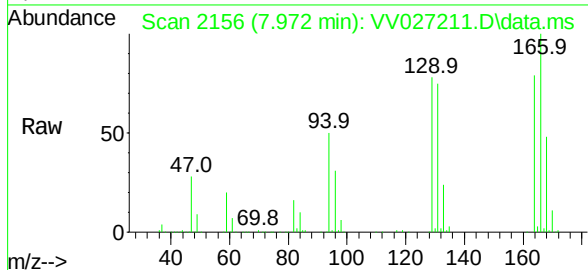
Ion Ratio Lower Upper

164 100

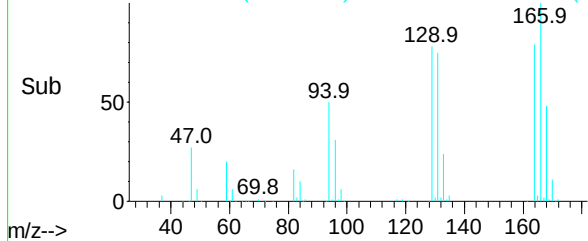
129 99.0 67.5 125.4

131 95.1 64.3 119.3

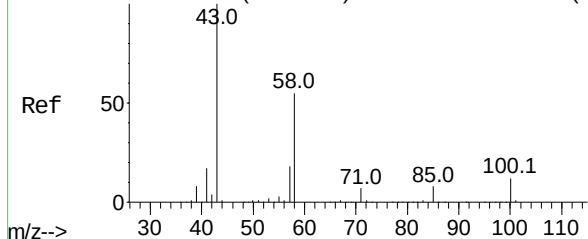
166 126.9 88.9 165.1



Abundance Scan 2156 (7.972 min): VV027211.D\data.ms (-2063-)



Abundance Scan 2207 (8.137 min): VV027207.D\data.ms (-21978-)



2-Hexanone

Concen: 102.149 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Tgt Ion: 43 Resp: 402084

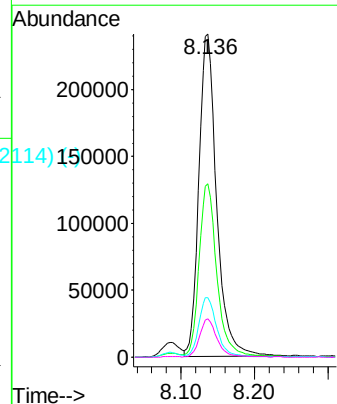
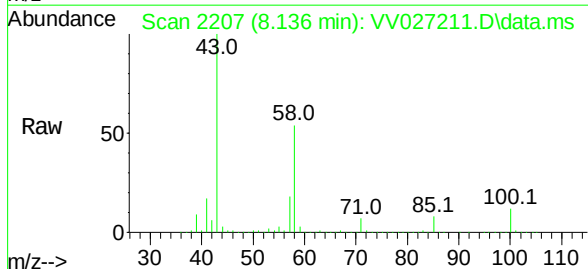
Ion Ratio Lower Upper

43 100

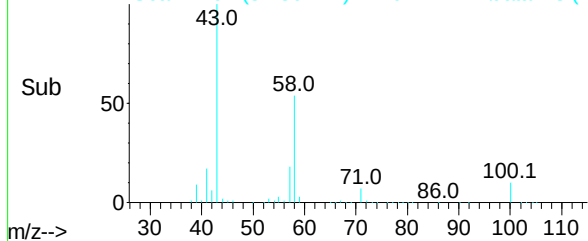
58 52.4 50.8 76.2

57 18.5 17.1 25.7

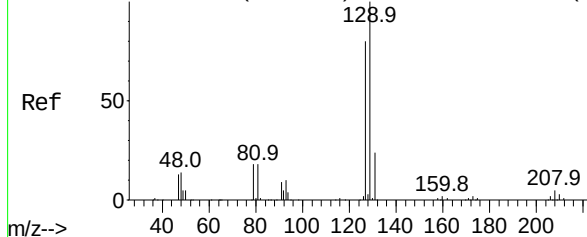
100 11.5 12.3 18.5#



Abundance Scan 2207 (8.136 min): VV027211.D\data.ms (-2114)



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



Dibromochloromethane

Concen: 47.264 ug/L

RT: 8.239 min Scan# 2240

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

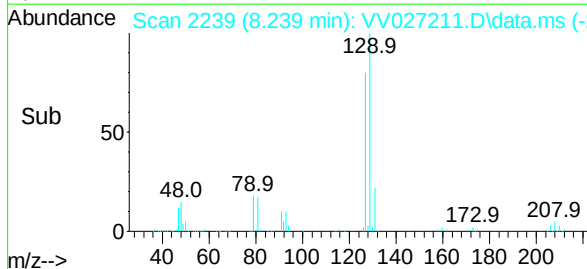
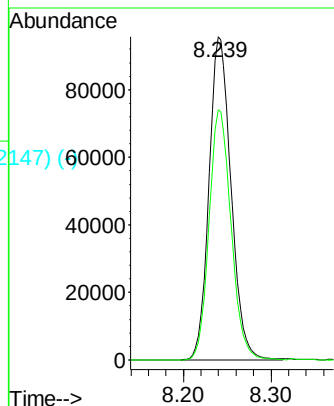
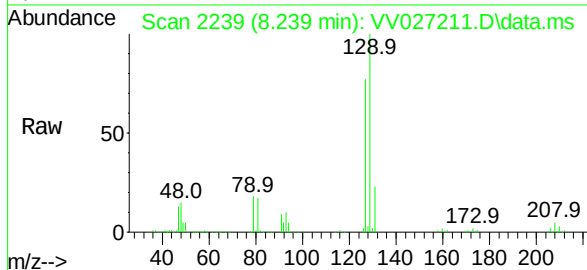
VSTD050328

Tgt Ion:129 Resp: 166826

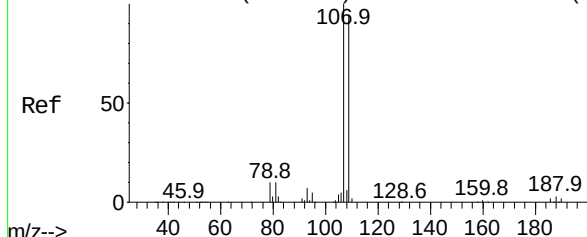
Ion Ratio Lower Upper

129 100

127 77.4 53.3 98.9



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



1,2-Dibromoethane

Concen: 48.017 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

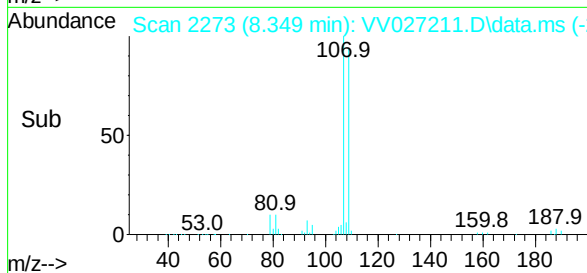
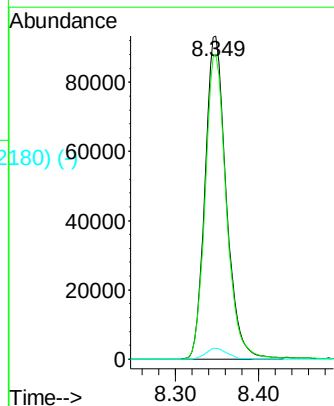
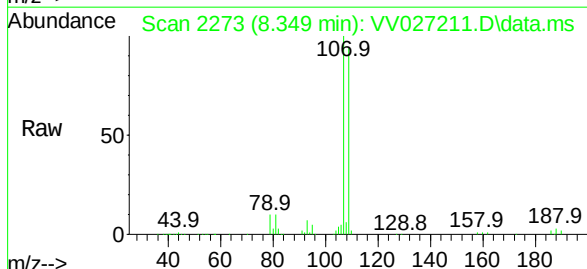
Tgt Ion:107 Resp: 164974

Ion Ratio Lower Upper

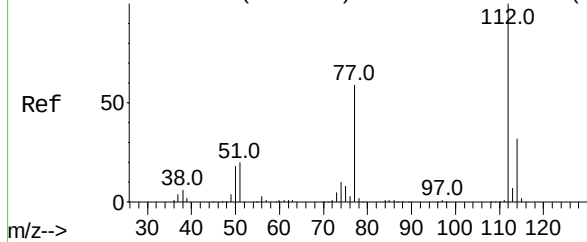
107 100

109 94.4 65.7 121.9

188 3.3 2.7 4.1



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



Chlorobenzene

Concen: 49.199 ug/L

RT: 8.876 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

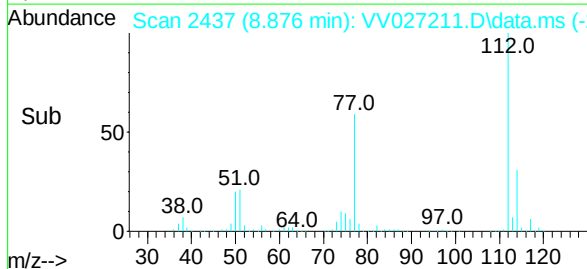
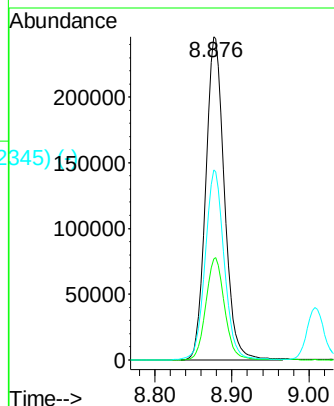
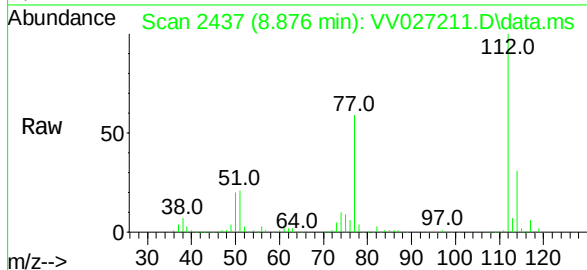
Tgt Ion:112 Resp: 414916

Ion Ratio Lower Upper

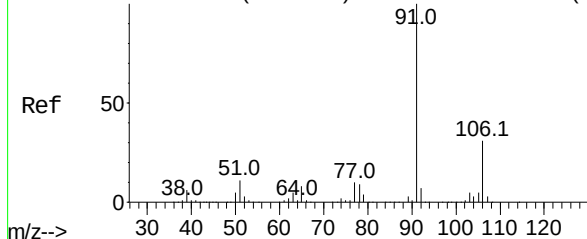
112 100

114 31.3 22.8 42.4

77 58.7 44.2 66.2



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



Ethylbenzene

Concen: 52.267 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.003 min

Lab File: VV027211.D

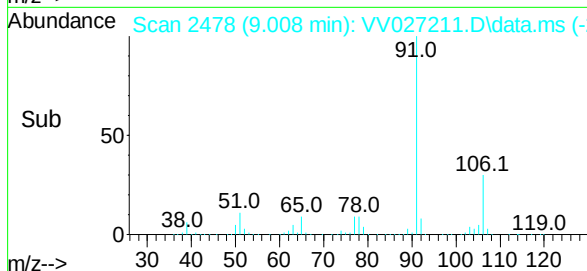
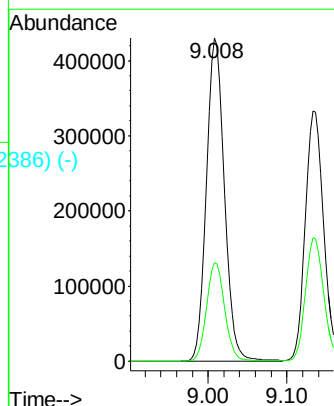
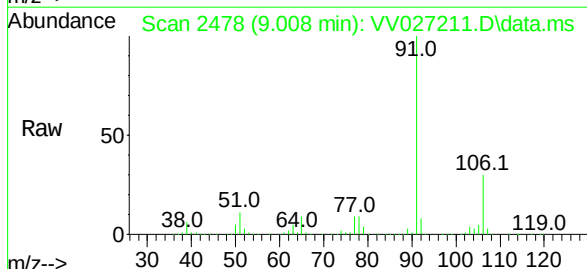
Acq: 04 Aug 2022 14:51

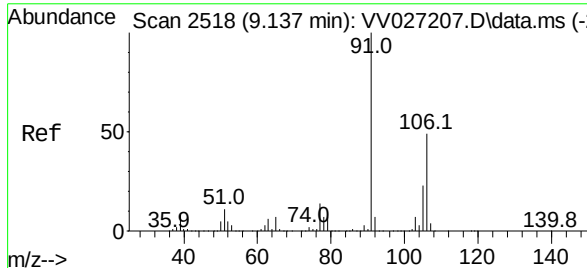
Tgt Ion: 91 Resp: 678111

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.6





m,p-Xylene

Concen: 54.178 ug/L

RT: 9.133 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

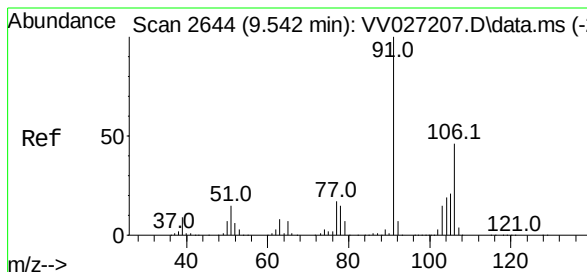
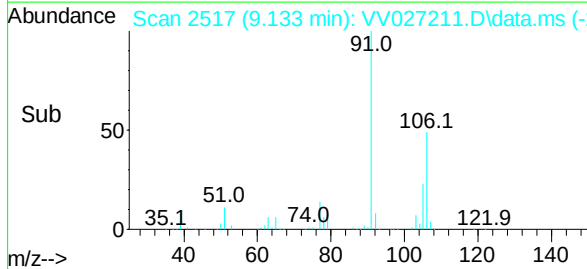
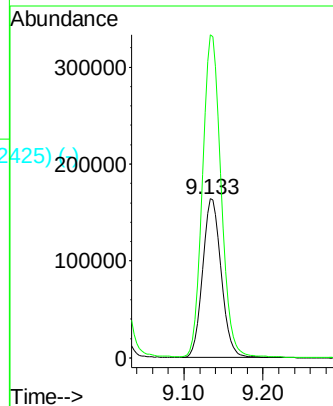
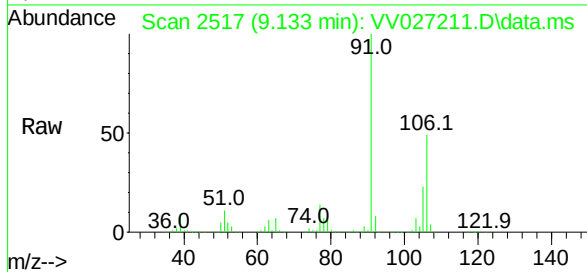
VSTD050328

Tgt Ion:106 Resp: 265646

Ion Ratio Lower Upper

106 100

91 203.0 137.5 255.3



o-Xylene

Concen: 53.040 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. -0.000 min

Lab File: VV027211.D

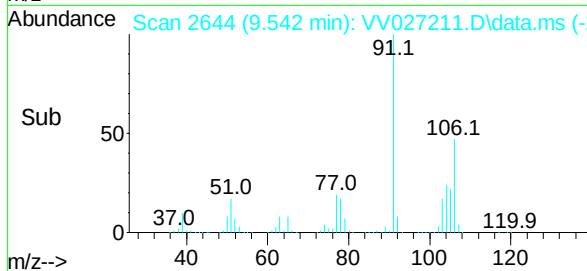
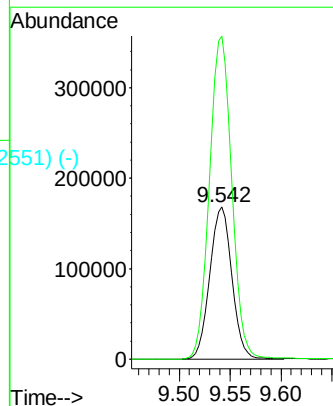
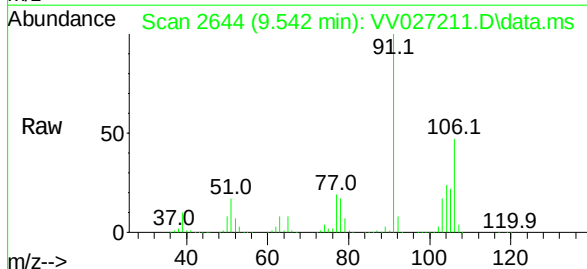
Acq: 04 Aug 2022 14:51

Tgt Ion:106 Resp: 253368

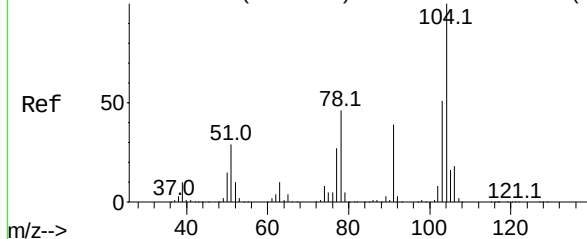
Ion Ratio Lower Upper

106 100

91 211.8 146.6 272.2



Abundance Scan 2649 (9.558 min): VV027207.D\data.ms (-26345)



Styrene

Concen: 54.732 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

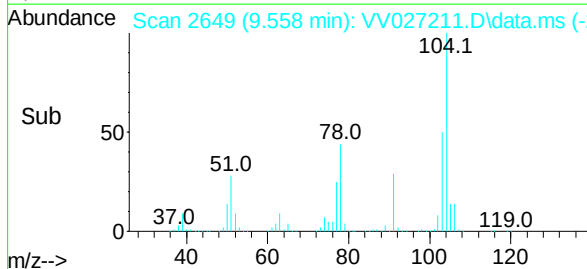
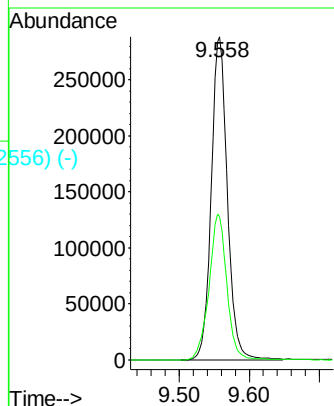
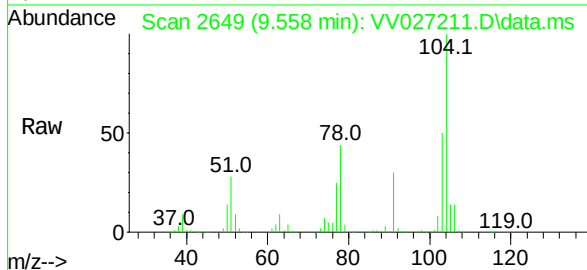
VSTD050328

Tgt Ion:104 Resp: 460569

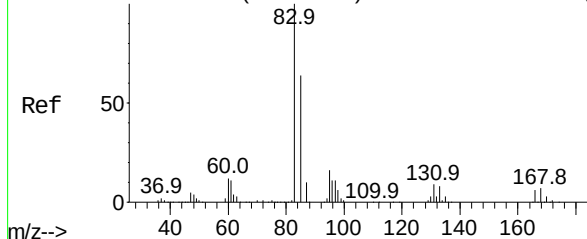
Ion Ratio Lower Upper

104 100

78 44.3 29.6 55.0



Abundance Scan 2861 (10.239 min): VV027207.D\data.ms (-26345)



1,1,2,2-Tetrachloroethane

Concen: 47.197 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

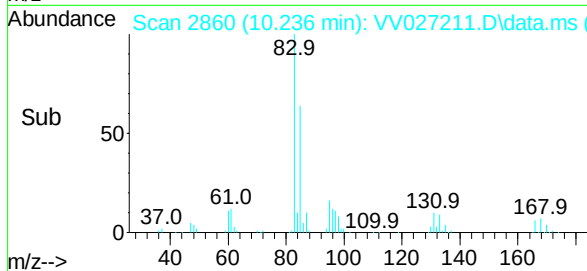
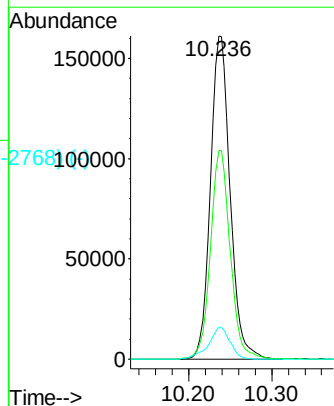
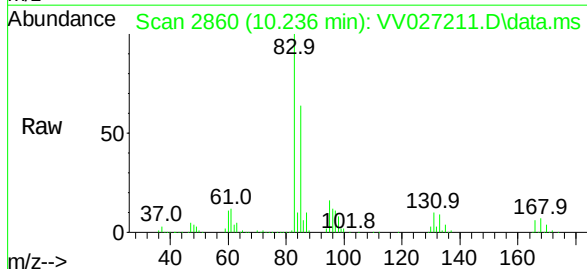
Tgt Ion: 83 Resp: 264013

Ion Ratio Lower Upper

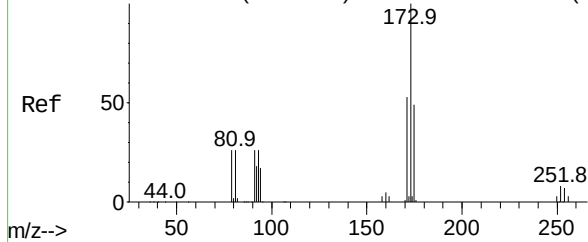
83 100

85 64.5 45.2 84.0

131 9.8 8.1 12.1



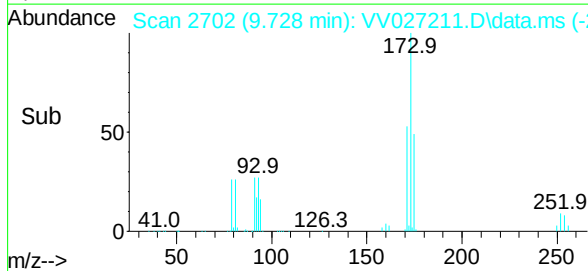
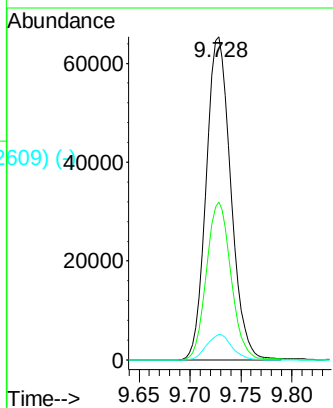
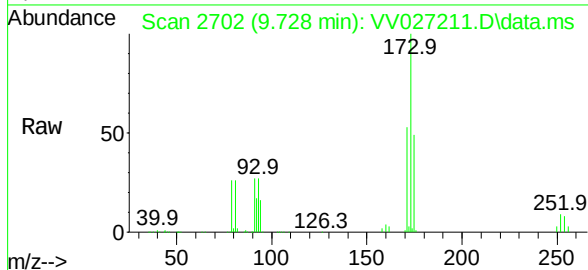
Abundance Scan 2702 (9.728 min): VV027207.D\data.ms (-26959-)



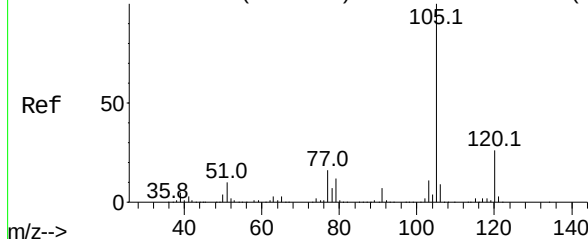
Bromoform
Concen: 45.229 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

Tgt Ion:	173	Resp:	109664
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
254	8.1	6.9	10.3

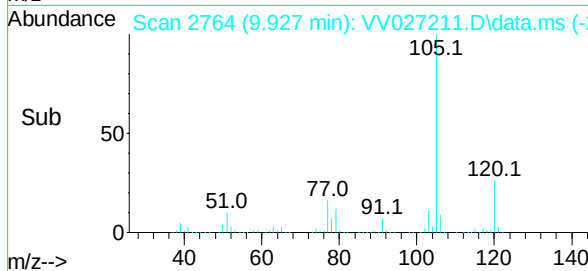
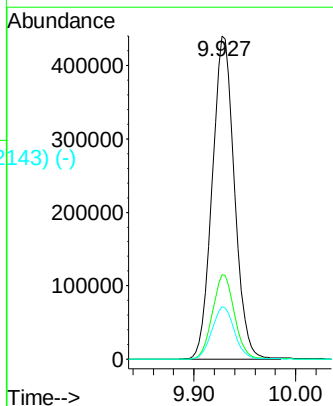
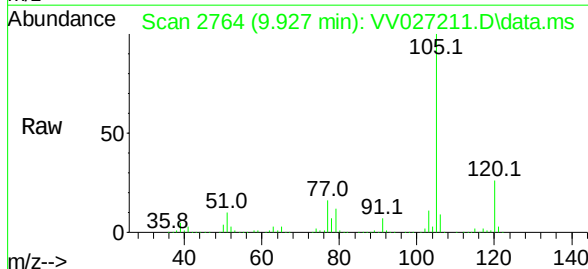


Abundance Scan 2765 (9.931 min): VV027207.D\data.ms (-27590-)



Isopropylbenzene
Concen: 51.876 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Tgt Ion:	105	Resp:	667164
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.4	32.0
77	16.3	11.8	17.6



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

1,2,3-Trichloropropane

Concen: 44.866 ug/L

RT: 10.268 min Scan# 2871

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

Tgt Ion: 75 Resp: 210204

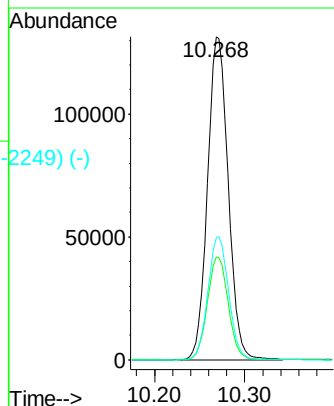
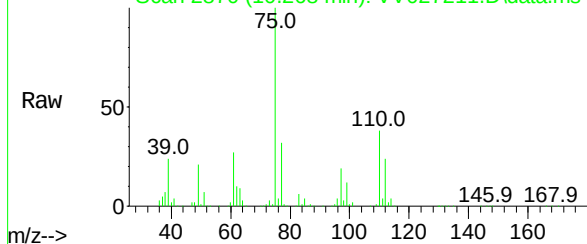
Ion Ratio Lower Upper

75 100

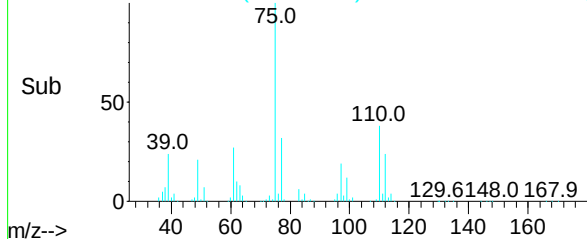
77 31.9 25.8 38.8

110 38.3 32.7 49.1

Abundance Scan 2870 (10.268 min): VV027211.D\data.ms



Abundance Scan 2870 (10.268 min): VV027211.D\data.ms (-2249) (-)



Abundance Scan 2954 (10.538 min): VV027207.D\data.ms (-2962) (-)

1,3,5-Trimethylbenzene

Concen: 52.566 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

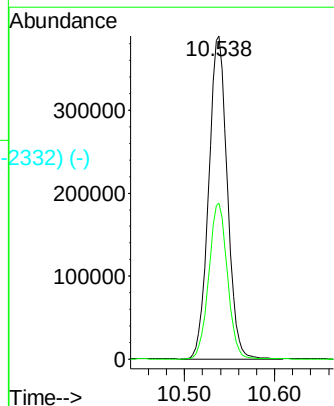
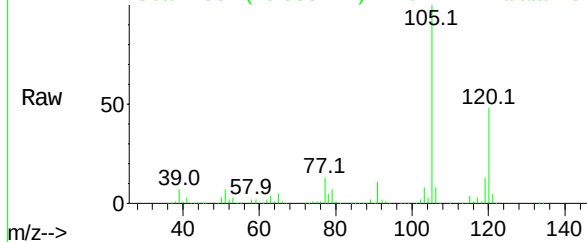
Tgt Ion: 105 Resp: 558297

Ion Ratio Lower Upper

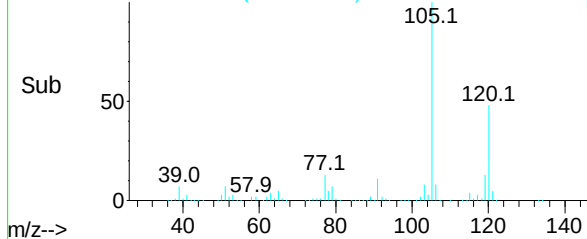
105 100

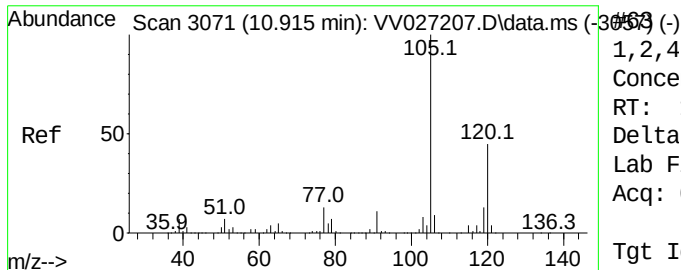
120 48.4 39.3 58.9

Abundance Scan 2954 (10.538 min): VV027211.D\data.ms



Abundance Scan 2954 (10.538 min): VV027211.D\data.ms (-2332) (-)

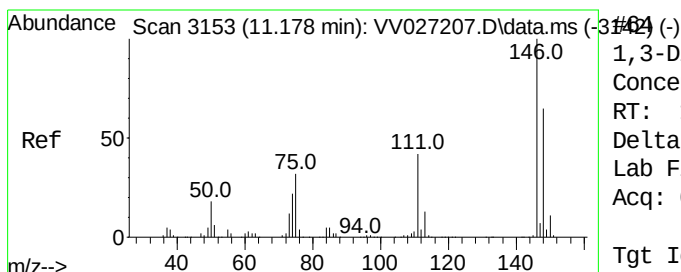
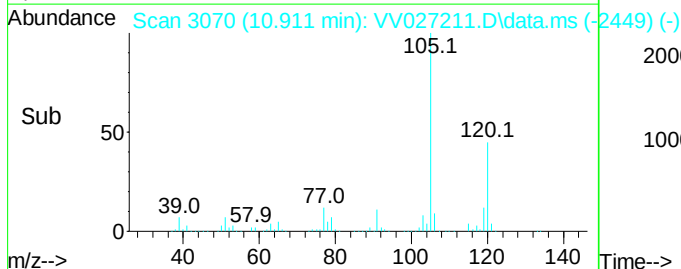
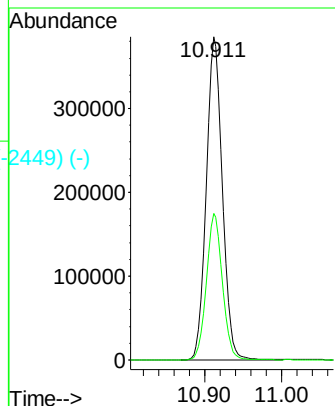
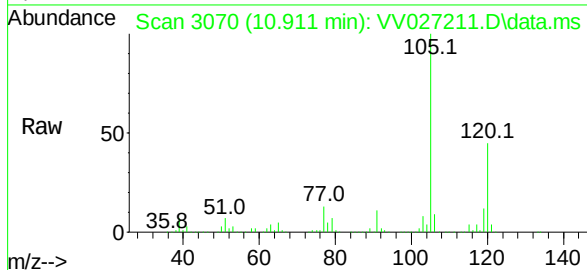




1,2,4-Trimethylbenzene
Concen: 53.688 ug/L
RT: 10.911 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

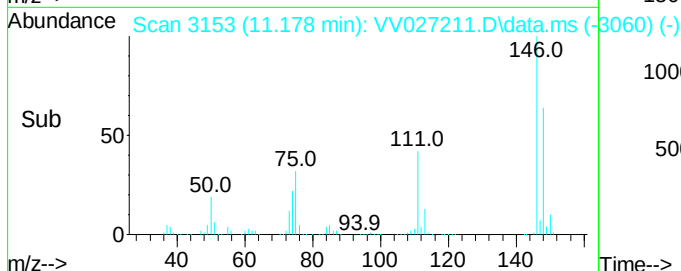
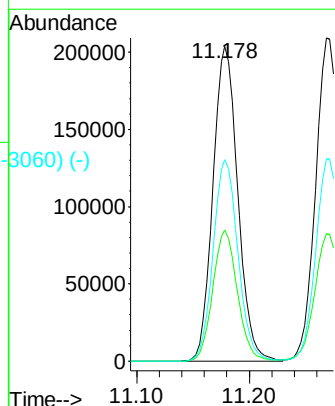
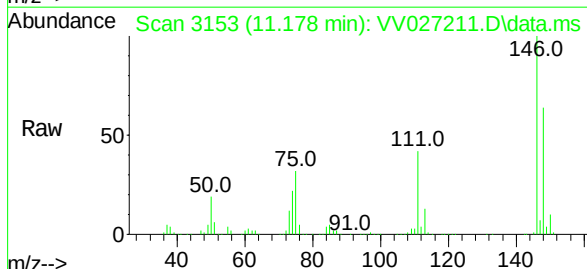
Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

Tgt Ion:105 Resp: 558594
Ion Ratio Lower Upper
105 100
120 45.1 37.0 55.6



1,3-Dichlorobenzene
Concen: 50.164 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Tgt Ion:146 Resp: 312684
Ion Ratio Lower Upper
146 100
111 41.6 28.4 52.8
148 64.0 44.7 82.9



Abundance Scan 3182 (11.271 min): VV027207.D\data.ms (-3185) (-)

1,4-Dichlorobenzene

Concen: 49.459 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV027211.D

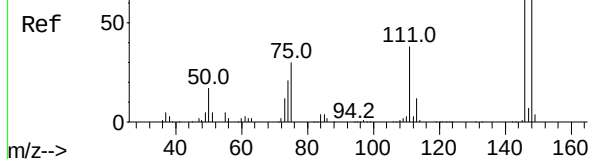
Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328



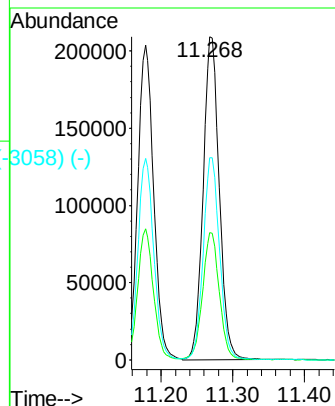
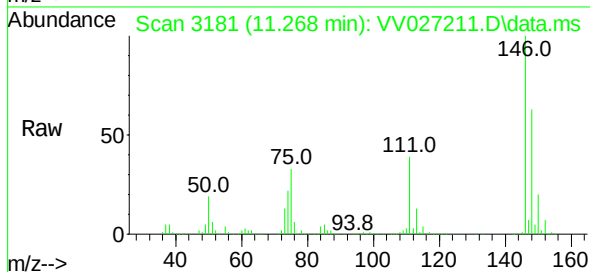
Tgt Ion:146 Resp: 324447

Ion Ratio Lower Upper

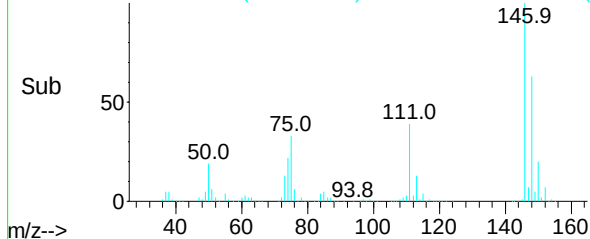
146 100

111 39.4 27.4 51.0

148 62.5 44.6 82.8



Abundance Scan 3181 (11.268 min): VV027211.D\data.ms (-3058) (-)



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

1,2-Dichlorobenzene

Concen: 48.811 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

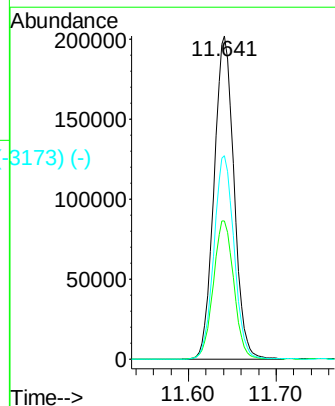
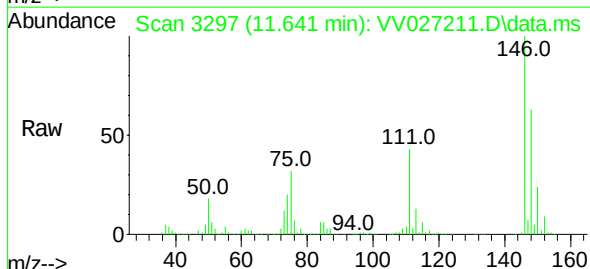
Tgt Ion:146 Resp: 318786

Ion Ratio Lower Upper

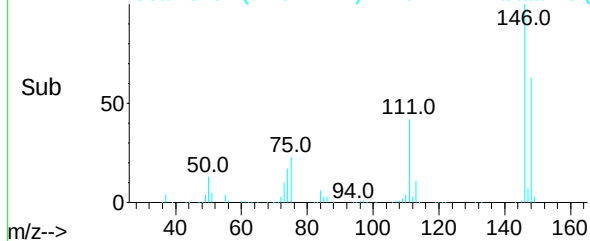
146 100

111 42.8 34.0 51.0

148 62.9 50.5 75.7



Abundance Scan 3297 (11.641 min): VV027211.D\data.ms (-3173) (-)



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

1,2-Dibromo-3-chloropropane

Concen: 43.974 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027211.D

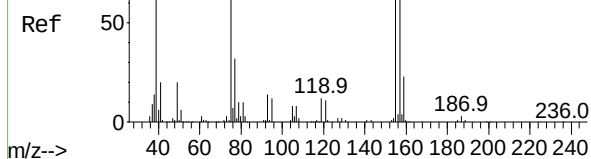
Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328



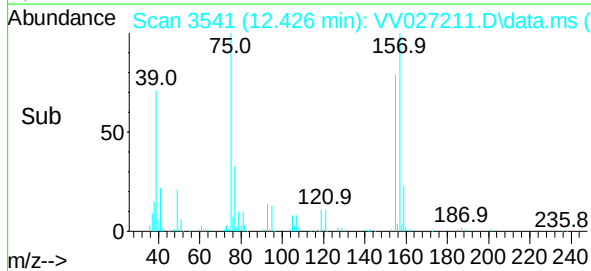
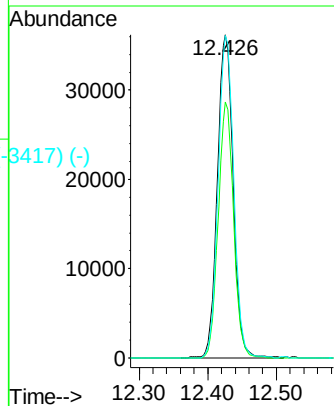
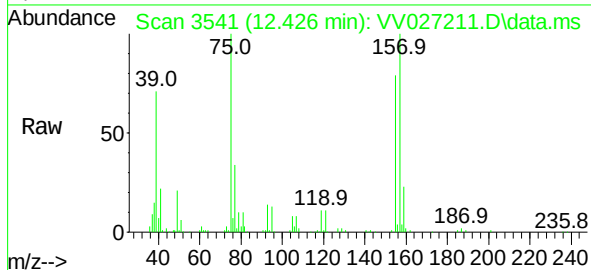
Tgt Ion: 75 Resp: 57800

Ion Ratio Lower Upper

75 100

155 79.3 69.1 103.7

157 99.9 87.8 131.8



Abundance Scan 3609 (12.644 min): VV027207.D\data.ms (-3569) (-)

1,3,5-Trichlorobenzene

Concen: 51.482 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.003 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Tgt Ion: 180 Resp: 215531

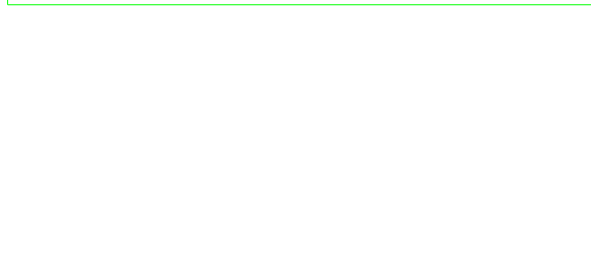
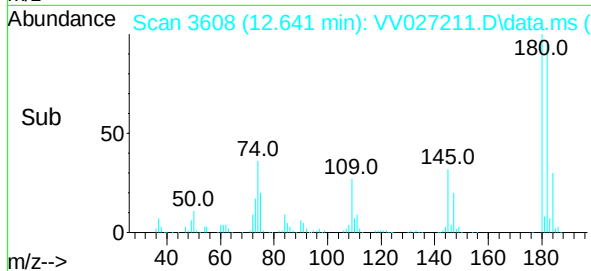
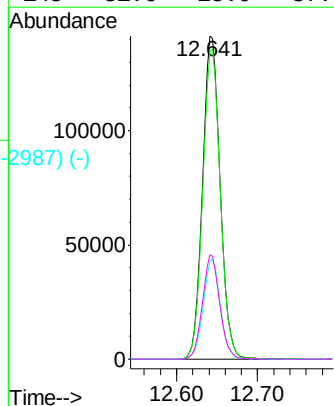
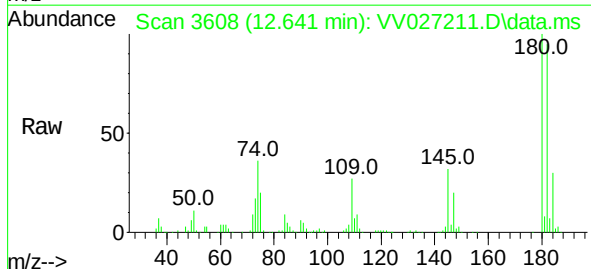
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

184 30.1 24.8 37.2

145 31.6 25.0 37.6



Abundance Scan 3800 (13.259 min): VV027207.D\data.ms (-3758) (-)

1,2,4-trichlorobenzene

Concen: 53.072 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD050328

Tgt Ion:180 Resp: 184540

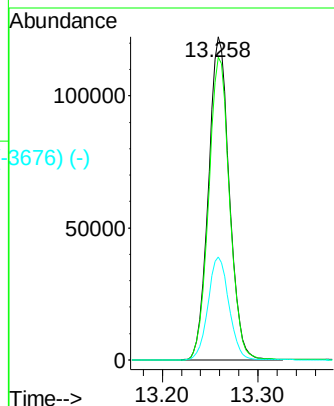
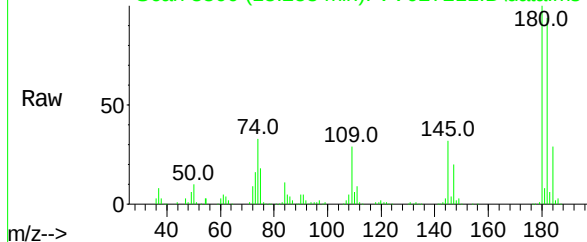
Ion Ratio Lower Upper

180 100

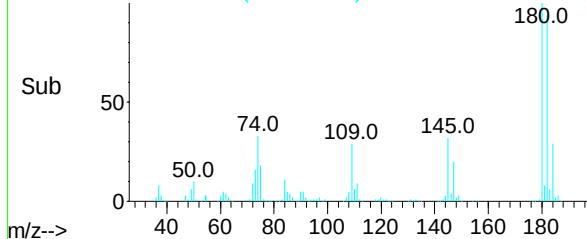
182 94.4 75.9 113.9

145 32.0 24.7 37.1

Abundance Scan 3800 (13.258 min): VV027211.D\data.ms



Abundance Scan 3800 (13.258 min): VV027211.D\data.ms (-3676) (-)



Abundance Scan 3875 (13.500 min): VV027207.D\data.ms (-3872) (-)

Naphthalene

Concen: 53.438 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027211.D

Acq: 04 Aug 2022 14:51

Tgt Ion:128 Resp: 636251

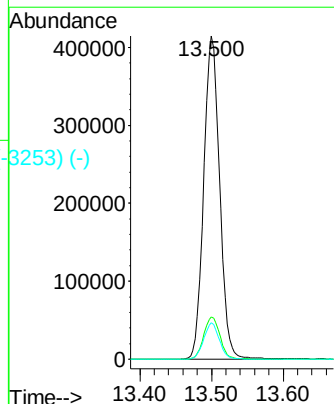
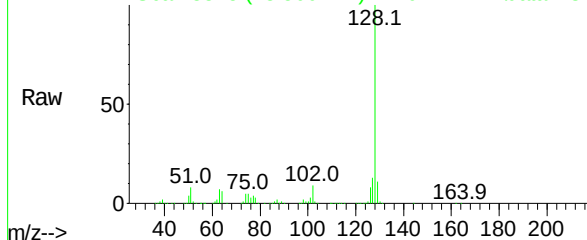
Ion Ratio Lower Upper

128 100

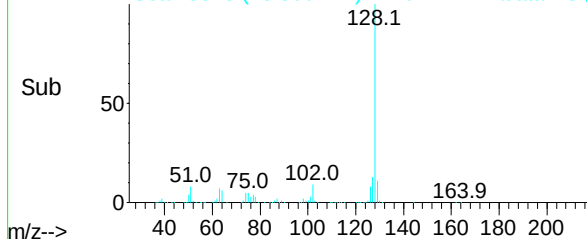
127 13.4 10.3 15.5

129 10.9 8.6 13.0

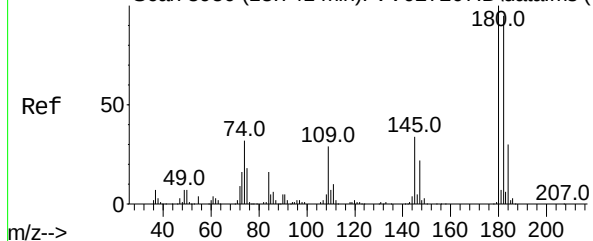
Abundance Scan 3875 (13.500 min): VV027211.D\data.ms



Abundance Scan 3875 (13.500 min): VV027211.D\data.ms (-3253) (-)



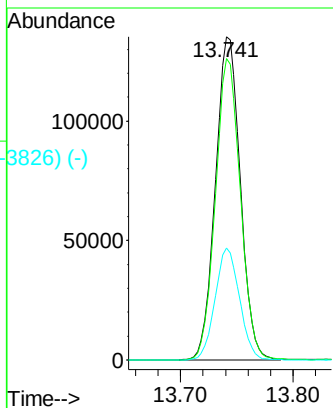
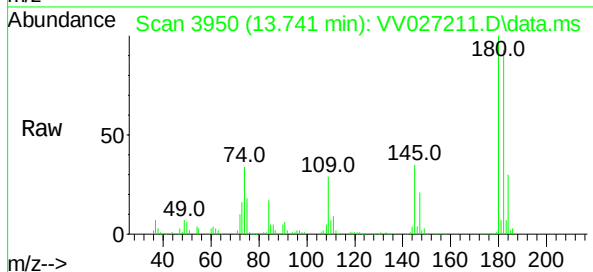
Abundance Scan 3950 (13.741 min): VV027207.D\data.ms (-3950) (-)



1,2,3-Trichlorobenzene
Concen: 53.679 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027211.D
Acq: 04 Aug 2022 14:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD050328

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.3	114.5
145	34.0	27.4	41.0



Abundance Scan 3950 (13.741 min): VV027211.D\data.ms (-3826) (-)

