

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027620.D
 Acq On : 31 Aug 2022 16:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:33:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154978	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50679	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.564	69	45106	5.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.108	63	103960	4.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	3.889	46	82191	59.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.760%
24) Chloroform-d	4.342	84	122660	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	5.027	65	55905	5.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.047	84	215550	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.066	67	66591	5.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.313	98	197015	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.622	79	22654	5.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.600%
46) 2-Hexanone-d5	8.088	63	95708	69.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.260%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49754	6.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	64836	5.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70088	4.262	ug/L	97
3) Chloromethane	1.240	50	67674	4.713	ug/L	100
5) Vinyl chloride	1.310	62	68497	4.738	ug/L	100
6) Bromomethane	1.519	94	29747	4.161	ug/L	100
8) Chloroethane	1.584	64	42603	5.043	ug/L	94
9) Trichlorofluoromethane	1.751	101	104217	4.538	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	59947	4.624	ug/L	99
12) 1,1-Dichloroethene	2.117	96	49815	4.248	ug/L	99
13) Acetone	2.172	43	54263	41.394	ug/L	99
14) Carbon disulfide	2.291	76	116960	3.634	ug/L	100
15) Methyl Acetate	2.433	43	20405	5.621	ug/L	96
16) Methylene chloride	2.503	84	75754	4.285	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	120632	4.972	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	54021	4.472	ug/L	96
19) 1,1-Dichloroethane	3.185	63	121572	4.861	ug/L	99
21) 2-Butanone	3.976	43	86449	49.553	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	60964	4.735	ug/L	97
23) Bromochloromethane	4.243	128	26684	4.700	ug/L	96
25) Chloroform	4.368	83	135499	4.983	ug/L	97

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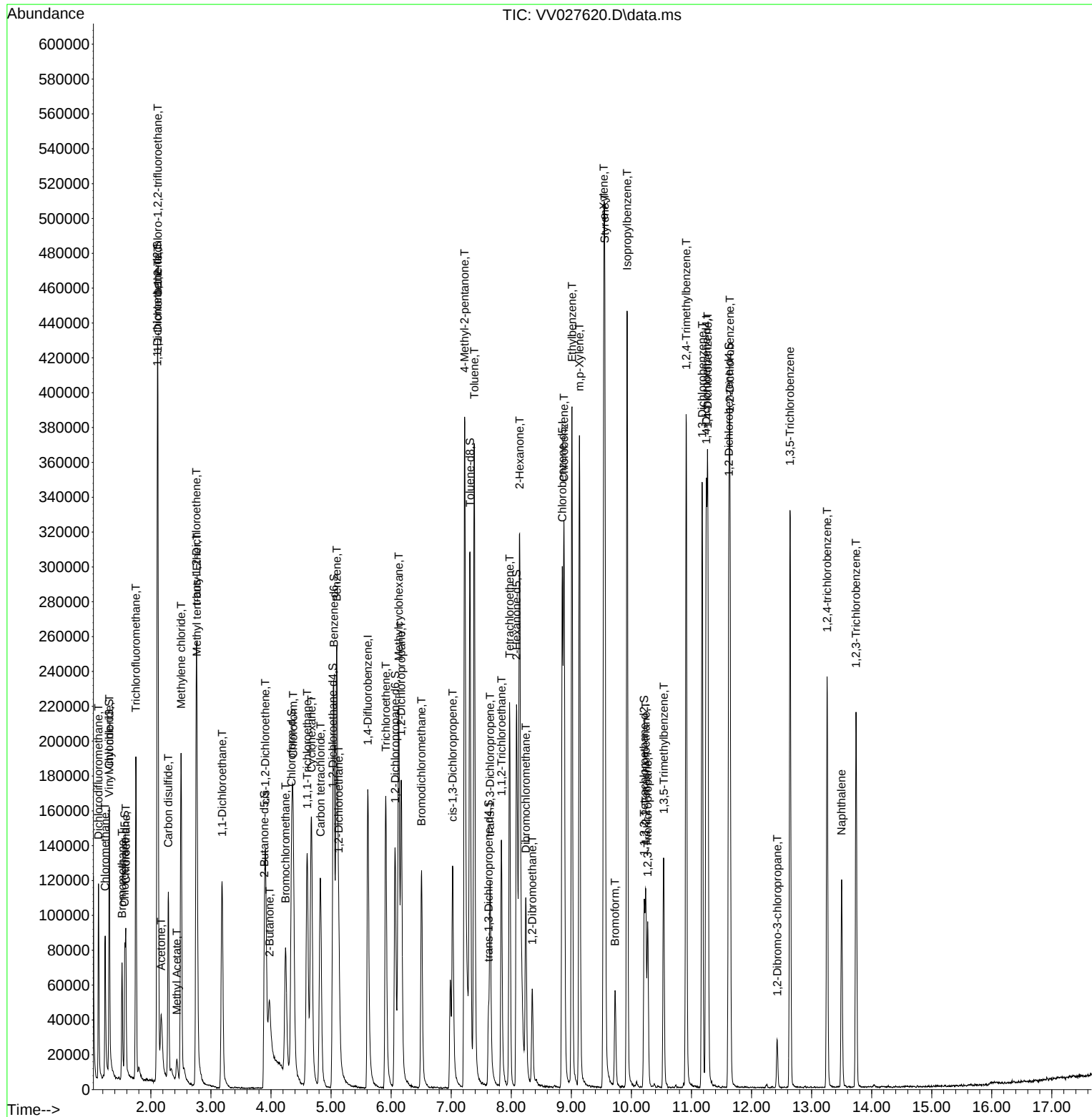
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70126	5.075	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	112026	4.819	ug/L	99
30) Cyclohexane	4.674	56	77862	4.364	ug/L	99
31) Carbon tetrachloride	4.825	117	94605	4.680	ug/L	98
33) Benzene	5.095	78	251408	4.993	ug/L	100
34) Trichloroethene	5.911	95	61400	4.634	ug/L	98
35) Methylcyclohexane	6.127	83	82654	4.435	ug/L	97
37) 1,2-Dichloropropane	6.169	63	69582	5.183	ug/L	98
38) Bromodichloromethane	6.506	83	87587	5.146	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	80558	4.977	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	335311	55.904	ug/L	99
42) Toluene	7.384	91	270063	5.196	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	69727	5.096	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	45132	5.259	ug/L	96
47) Tetrachloroethene	7.972	164	48023	4.652	ug/L	97
48) 2-Hexanone	8.140	43	250738	58.015	ug/L	99
49) Dibromochloromethane	8.243	129	53520	5.071	ug/L	100
50) 1,2-Dibromoethane	8.349	107	37967	5.068	ug/L #	100
51) Chlorobenzene	8.879	112	167483	4.979	ug/L	97
52) Ethylbenzene	9.011	91	264126	4.979	ug/L	99
53) m,p-Xylene	9.136	106	102911	5.069	ug/L	98
54) o-Xylene	9.542	106	98494	5.002	ug/L	99
55) Styrene	9.558	104	178770	5.336	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	51655	5.343	ug/L	99
59) Bromoform	9.728	173	26397	4.826	ug/L	97
60) Isopropylbenzene	9.931	105	270120	5.031	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38553	5.385	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	69982	4.700	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	199927	4.766	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	136586	5.163	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	132853	5.037	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	120757	5.035	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7117	4.474	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	94911	4.806	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	68264	4.757	ug/L	99
71) Naphthalene	13.500	128	90630	4.575	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59658	4.681	ug/L	98

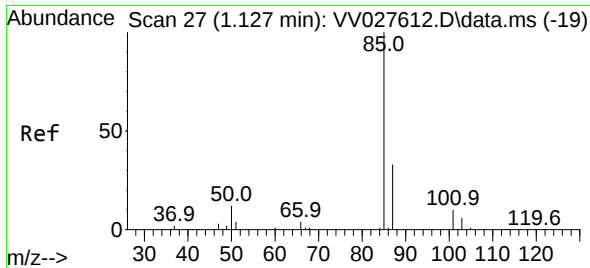
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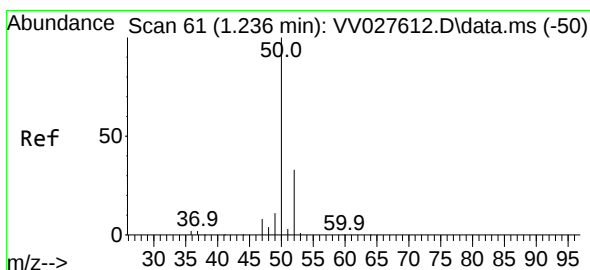
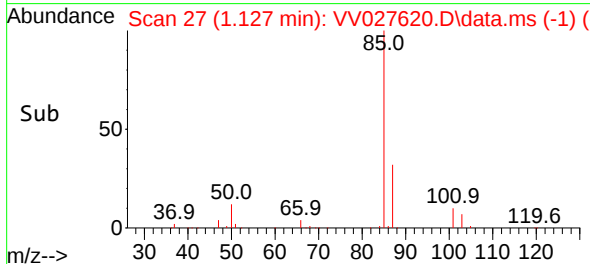
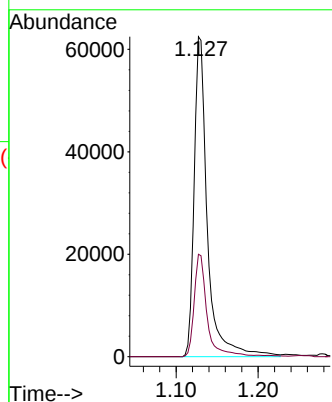
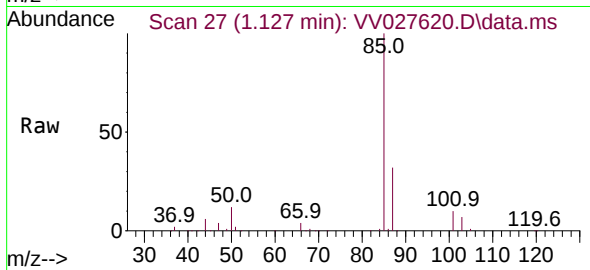




#2
 Dichlorodifluoromethane
 Concen: 4.262 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

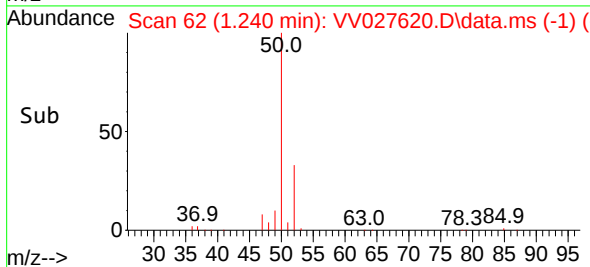
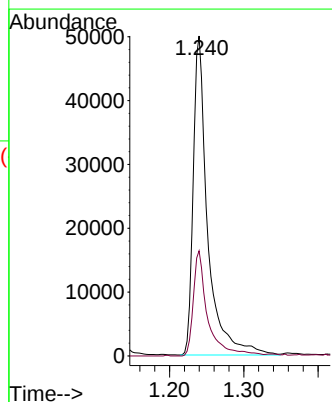
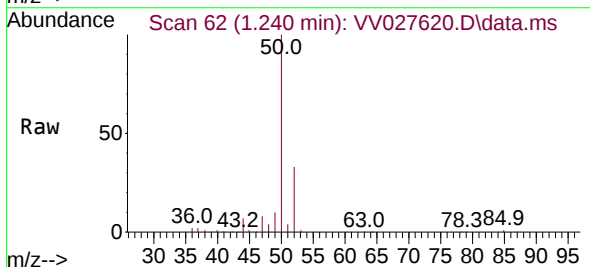
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 ClientSampleId :

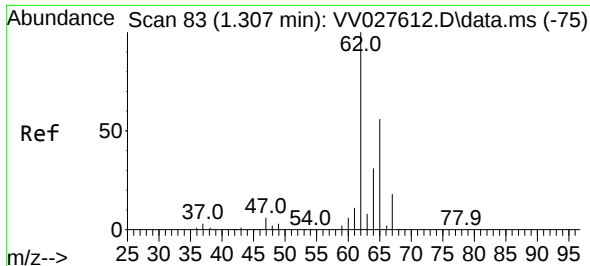
Tgt Ion: 85 Resp: 70088
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.713 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

Tgt Ion: 50 Resp: 67674
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4

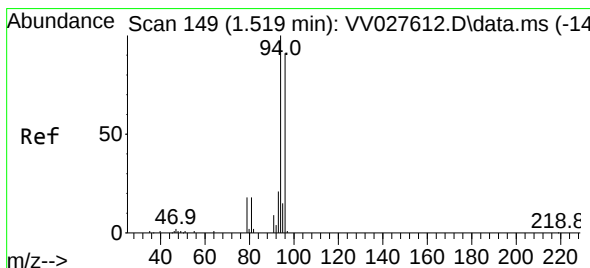
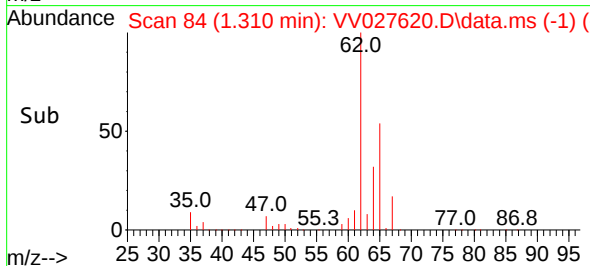
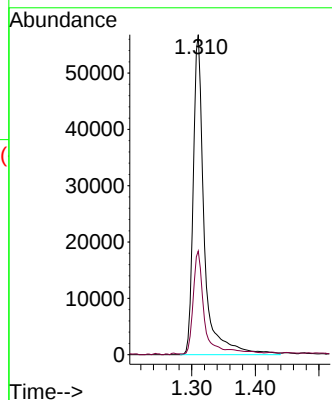
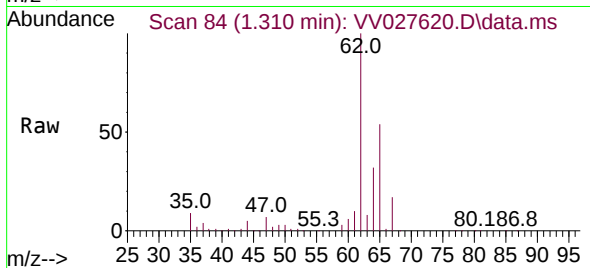




#5
 Vinyl chloride
 Concen: 4.738 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

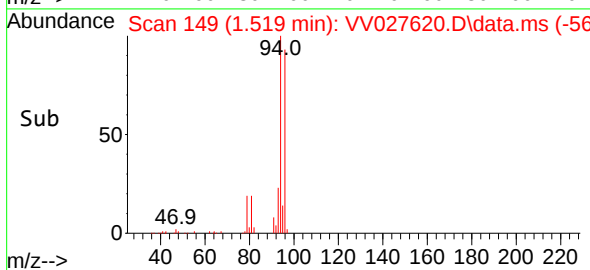
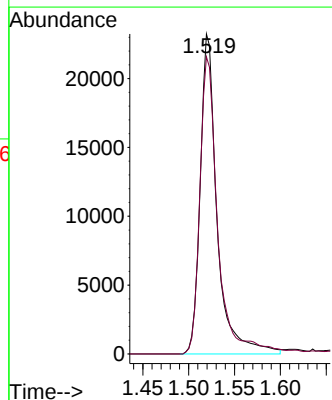
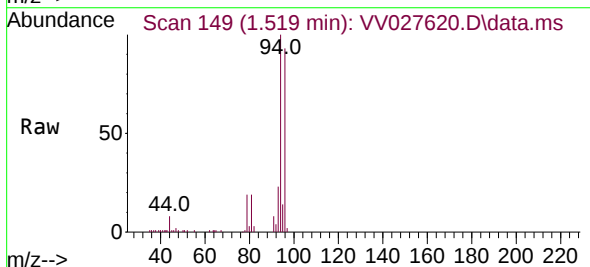
Instrument :
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 ClientSampleId :

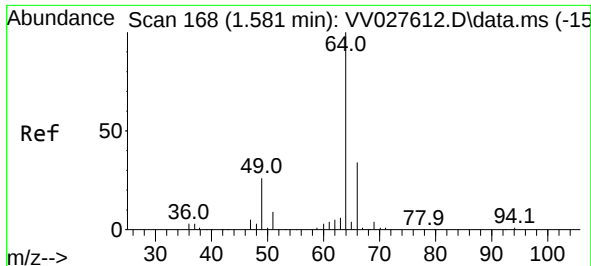
Tgt Ion: 62 Resp: 68497
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



#6
 Bromomethane
 Concen: 4.161 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

Tgt Ion: 94 Resp: 29747
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.2 121.0

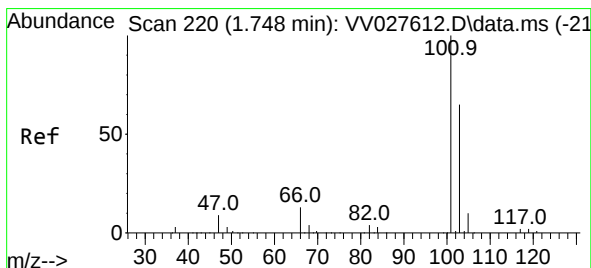
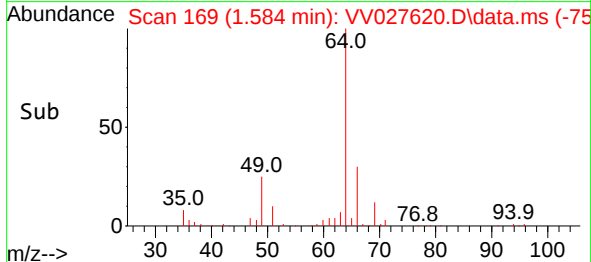
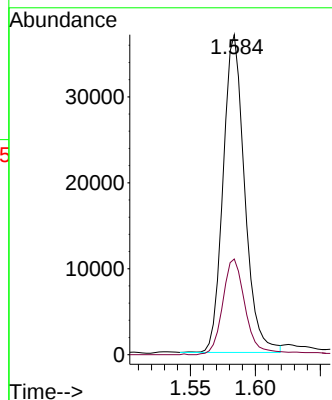
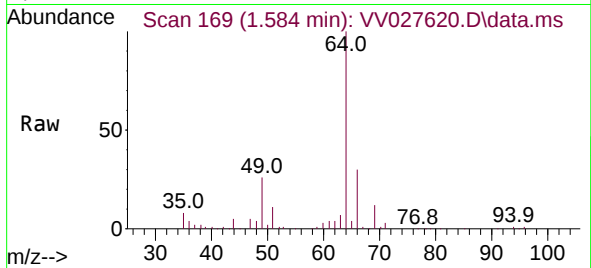




#8
Chloroethane
Concen: 5.043 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

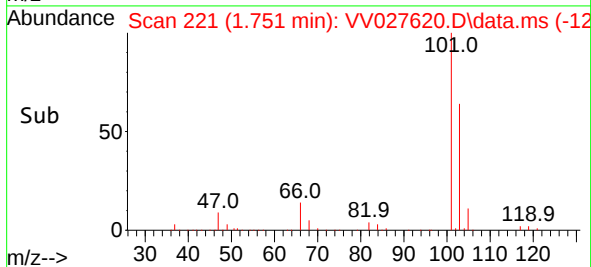
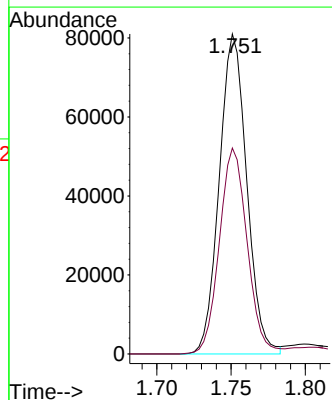
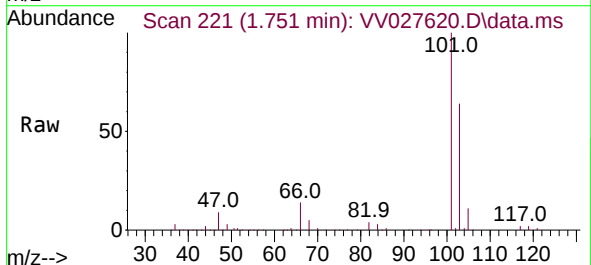
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MSVOA_V
ClientSampleId :

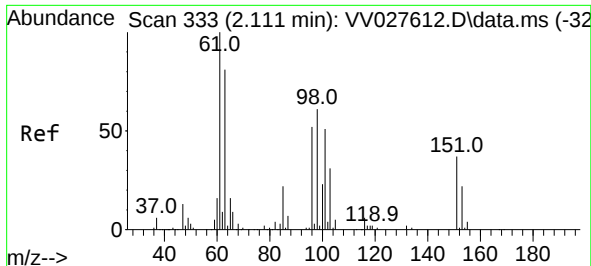
Tgt Ion: 64 Resp: 42603
Ion Ratio Lower Upper
64 100
66 29.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.538 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion:101 Resp: 104217
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

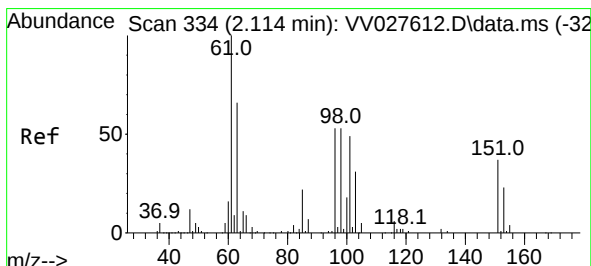
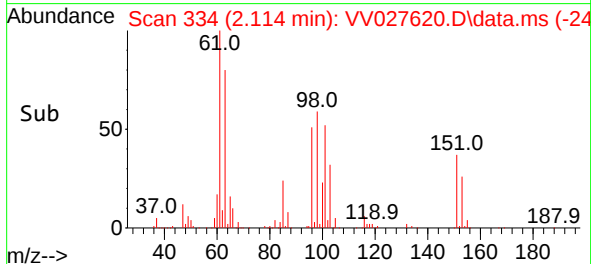
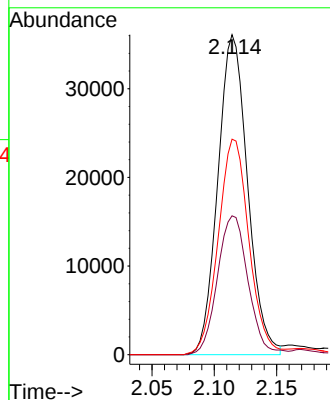
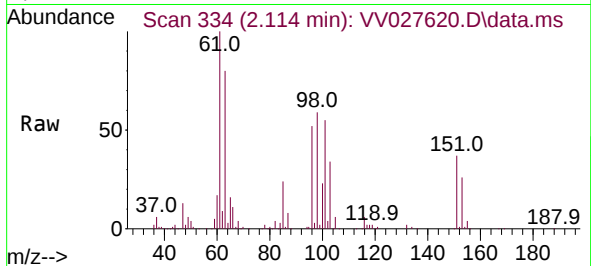




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.624 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

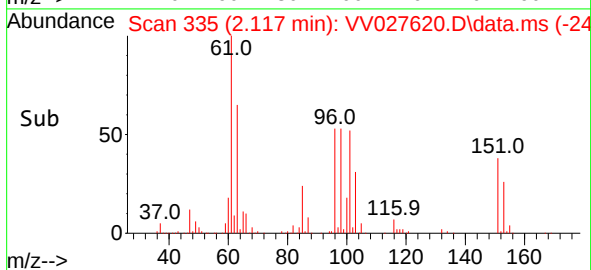
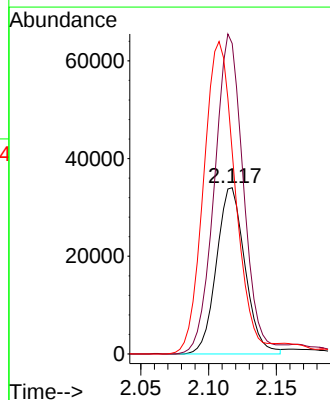
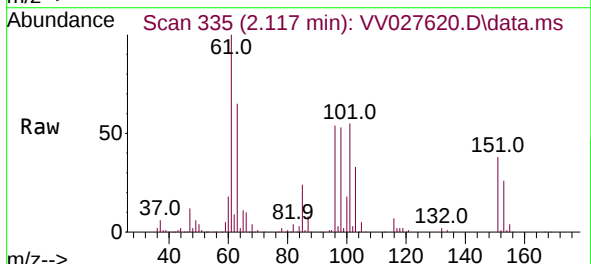
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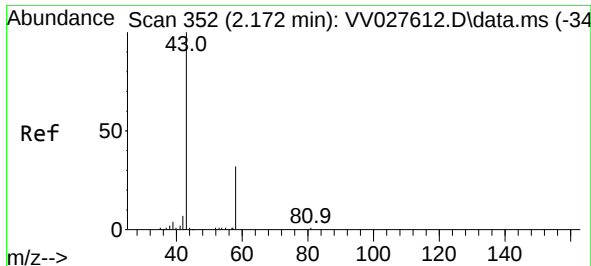
Tgt Ion:101 Resp: 59947
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.3 52.9
 151 69.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.248 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

Tgt Ion: 96 Resp: 49815
 Ion Ratio Lower Upper
 96 100
 61 186.7 130.2 241.8
 63 121.6 87.4 162.4





#13

Acetone

Concen: 41.394 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

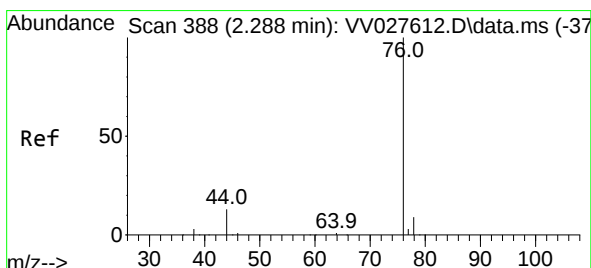
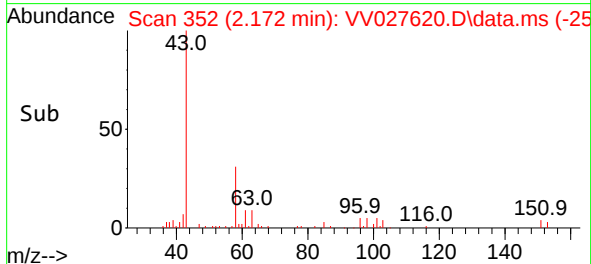
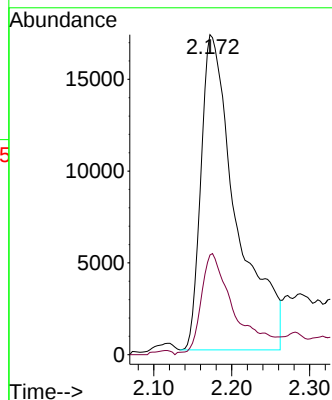
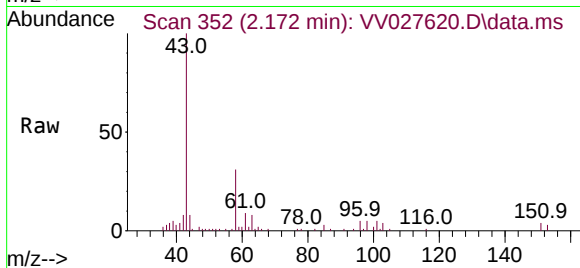
ClientSampleId :

Tgt Ion: 43 Resp: 54263

Ion Ratio Lower Upper

43 100

58 30.5 0.0 62.2



#14

Carbon disulfide

Concen: 3.634 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

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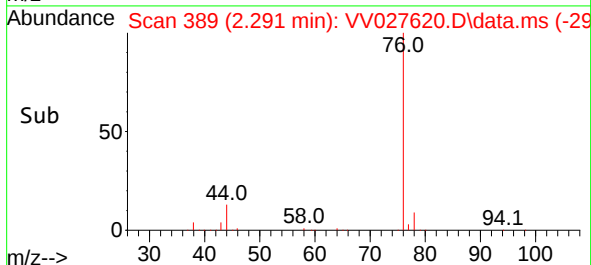
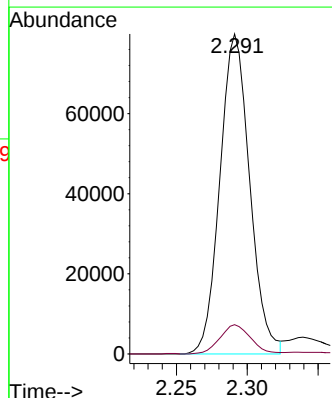
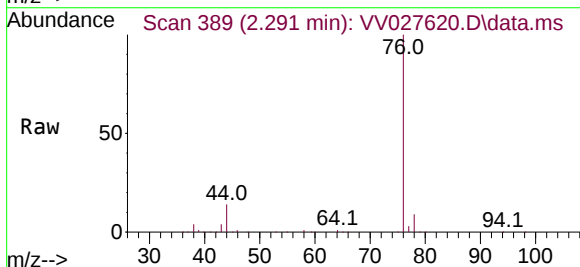
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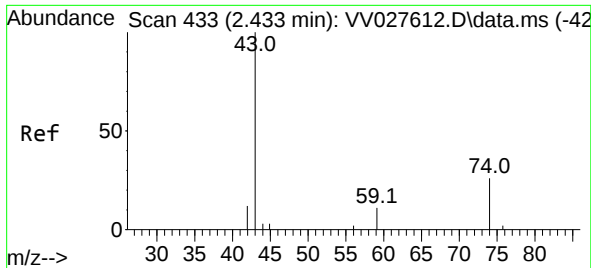
Tgt Ion: 76 Resp: 116960

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

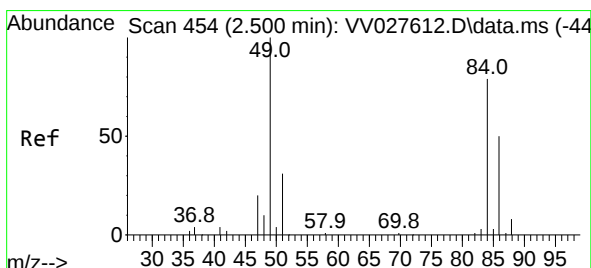
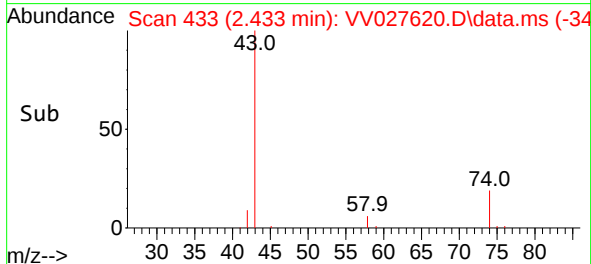
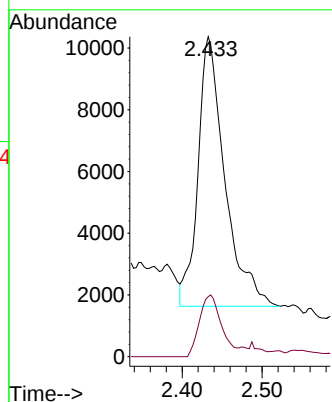
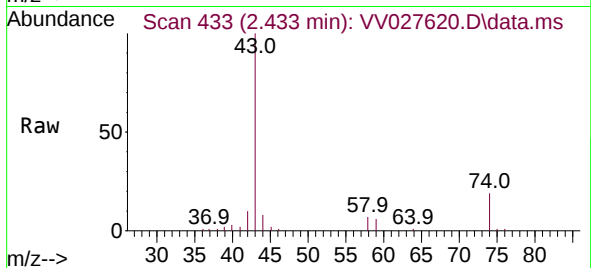




#15
Methyl Acetate
Concen: 5.621 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

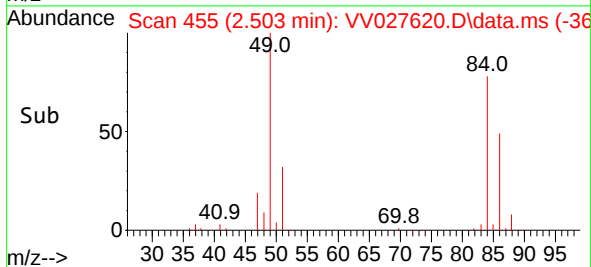
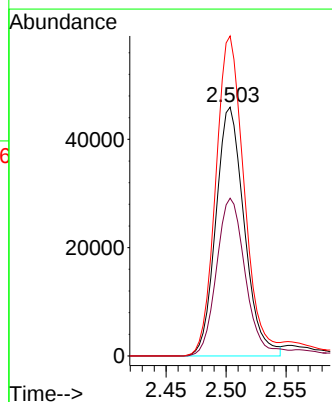
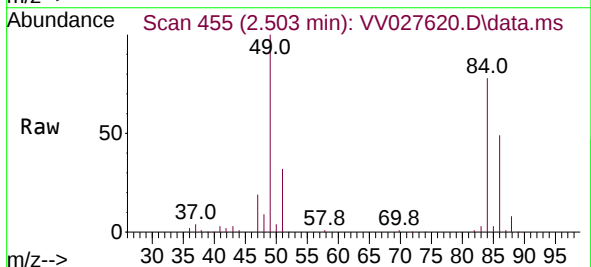
Instrument :
MSVOA_V
ClientSampleId :

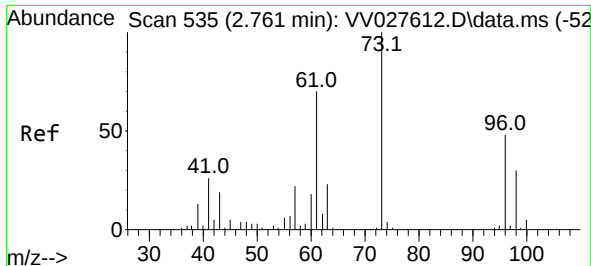
Tgt Ion: 43 Resp: 20405
Ion Ratio Lower Upper
43 100
74 18.6 16.3 24.5



#16
Methylene chloride
Concen: 4.285 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 84 Resp: 75754
Ion Ratio Lower Upper
84 100
86 63.4 44.0 81.6
49 128.6 89.4 166.0

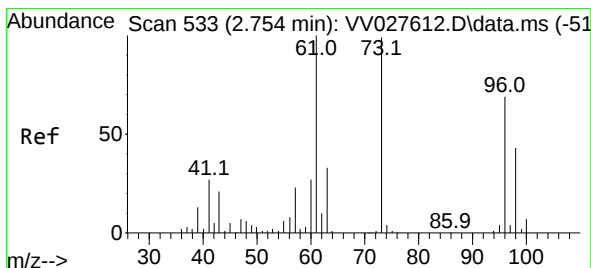
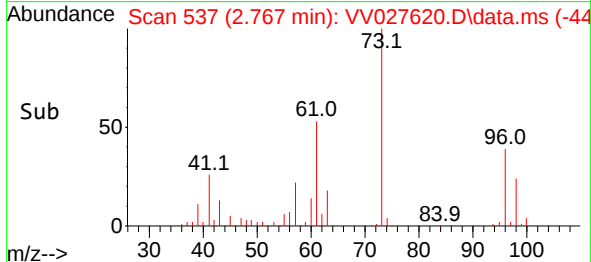
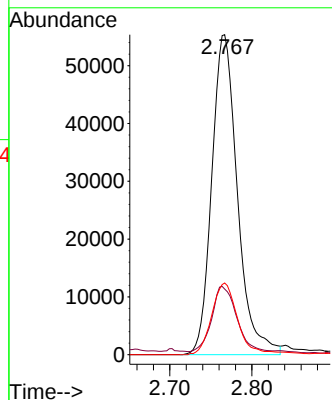
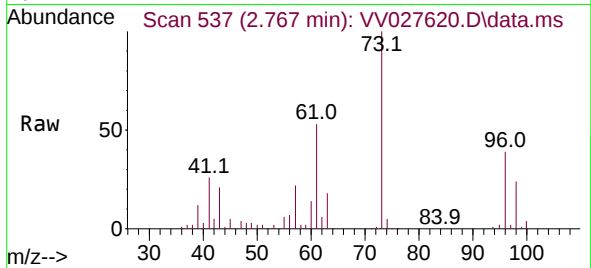




#17
Methyl tert-butyl Ether
Concen: 4.972 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

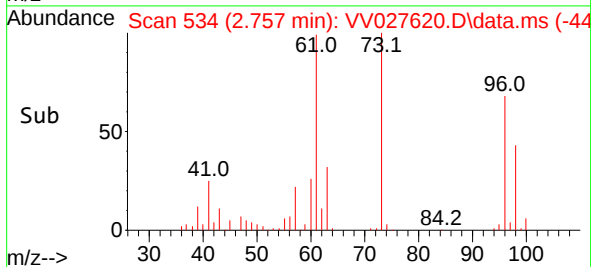
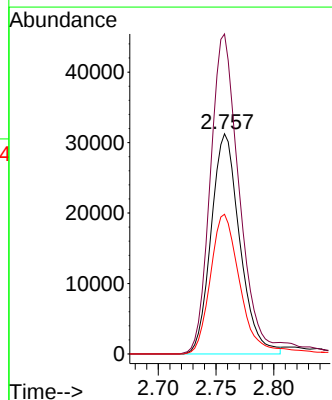
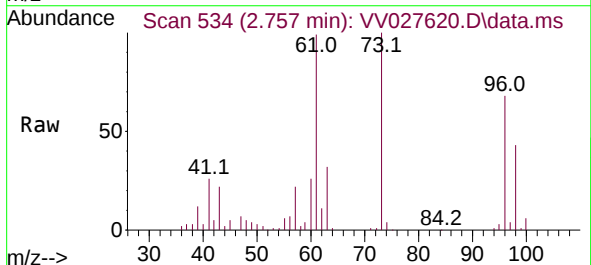
Instrument :
MSVOA_V
ClientSampleId :

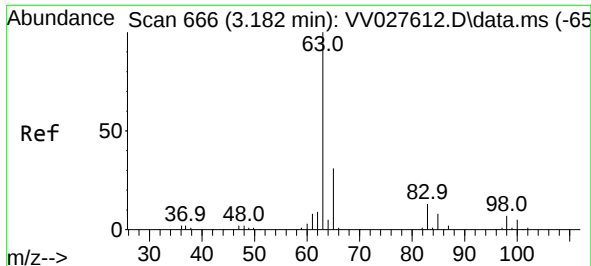
Tgt Ion: 73 Resp: 120632
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 23.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.472 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 96 Resp: 54021
Ion Ratio Lower Upper
96 100
61 145.4 97.6 181.4
98 63.4 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.861 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

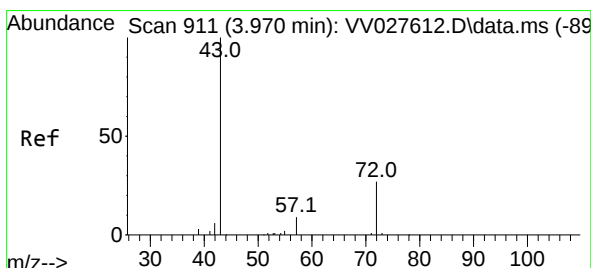
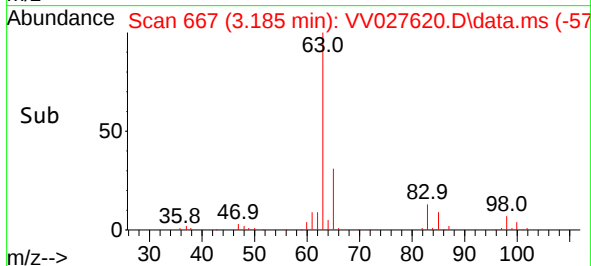
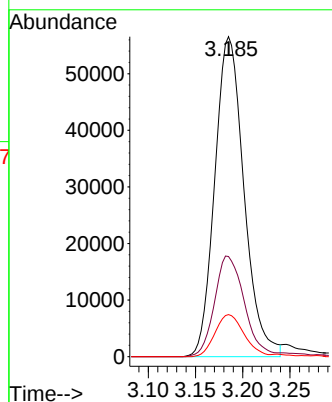
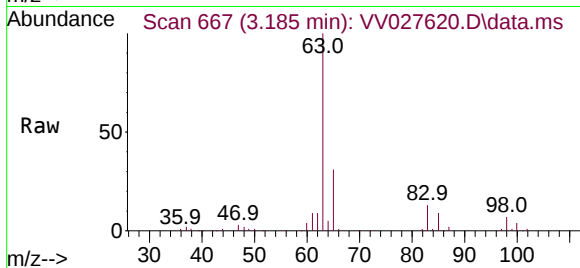
Tgt Ion: 63 Resp: 121572

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 13.1 9.6 17.8



#21

2-Butanone

Concen: 49.553 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.006 min

Lab File: VV027620.D

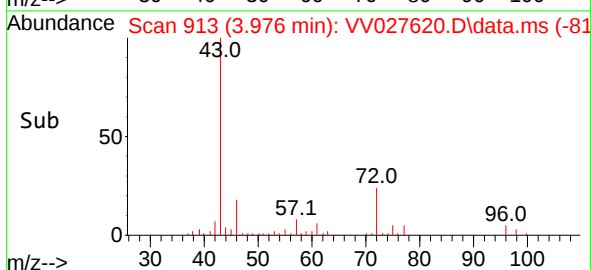
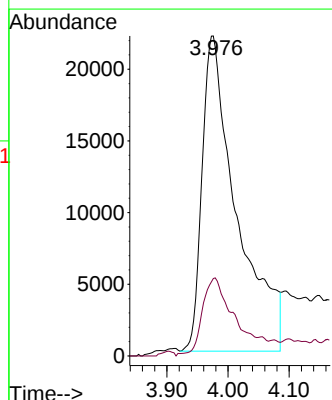
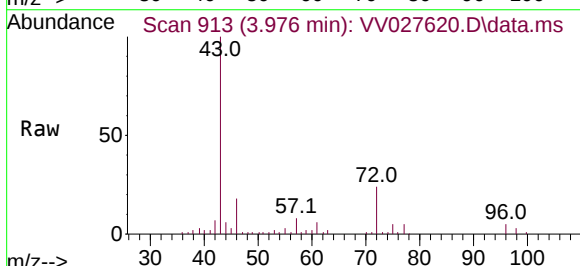
Acq: 31 Aug 2022 16:19

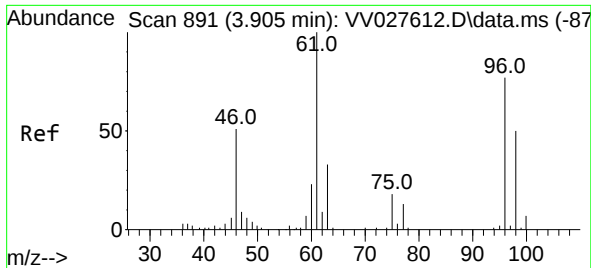
Tgt Ion: 43 Resp: 86449

Ion Ratio Lower Upper

43 100

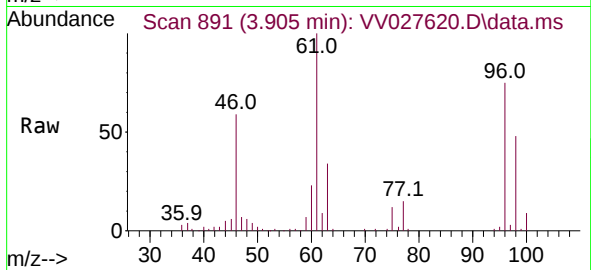
72 22.2 12.0 36.1





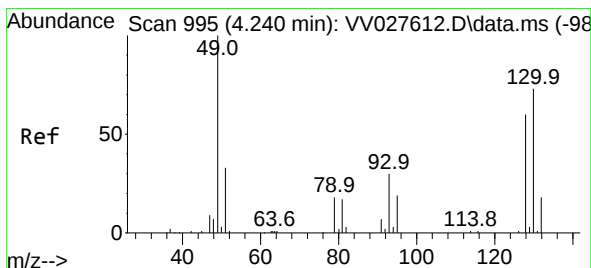
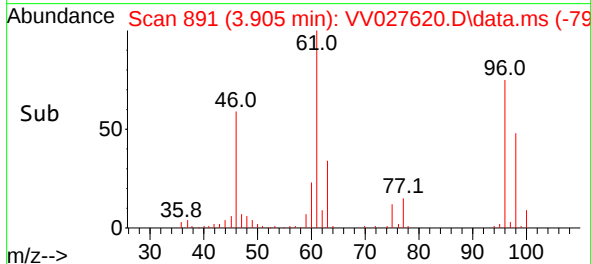
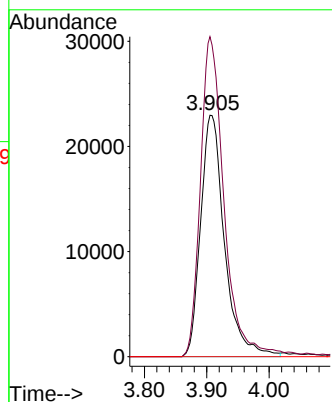
#22
 cis-1,2-Dichloroethene
 Concen: 4.735 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 60964

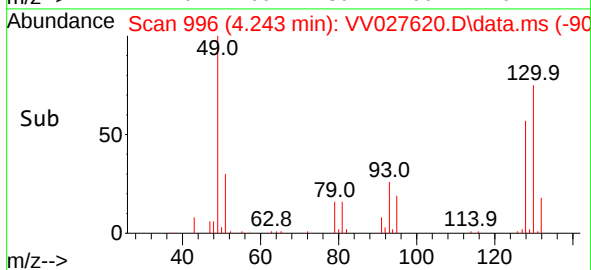
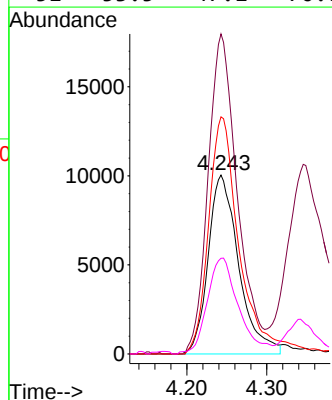
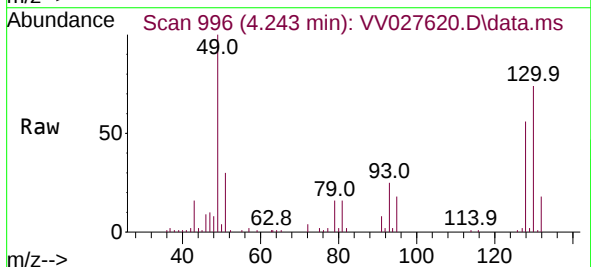
Ion	Ratio	Lower	Upper
96	100		
61	132.5	90.6	168.2
68	0.0	0.0	0.0

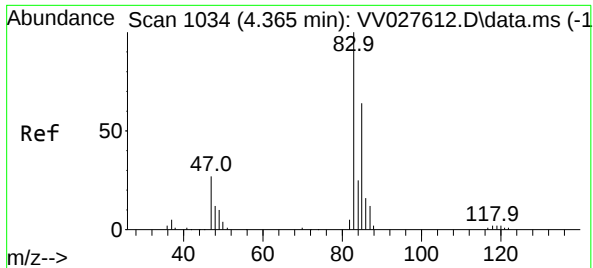


#23
 Bromochloromethane
 Concen: 4.700 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

Tgt Ion: 128 Resp: 26684

Ion	Ratio	Lower	Upper
128	100		
49	178.9	127.5	236.7
130	132.5	97.0	180.2
51	53.5	47.1	70.7

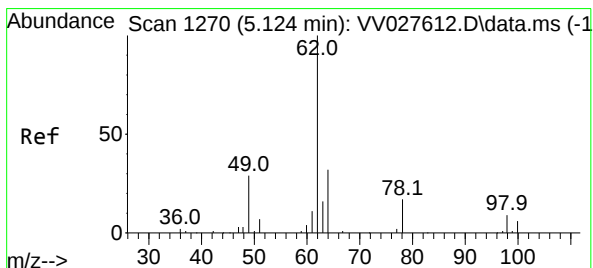
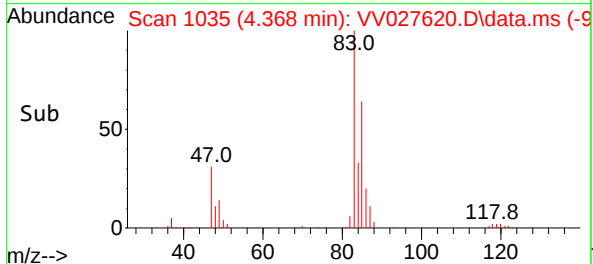
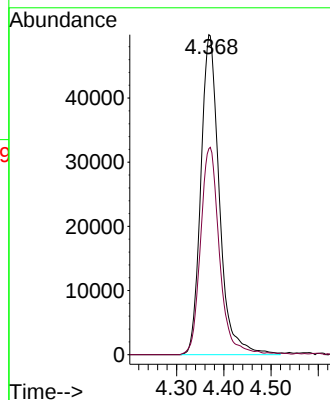
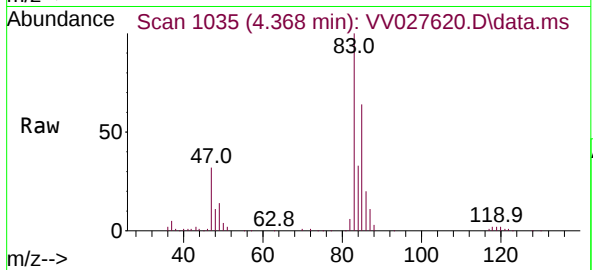




#25
Chloroform
Concen: 4.983 ug/L
RT: 4.368 min Scan# 110
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

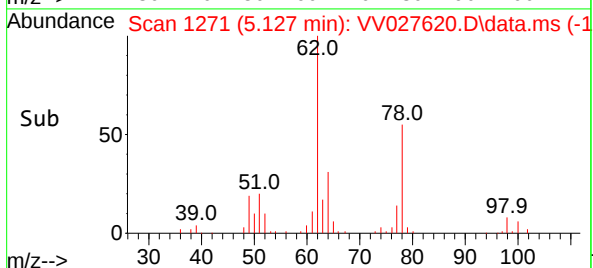
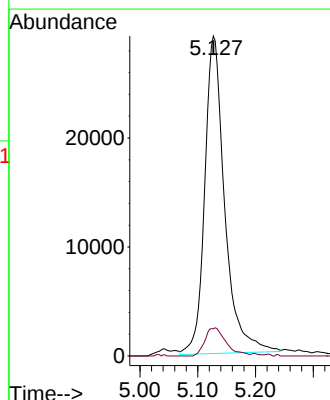
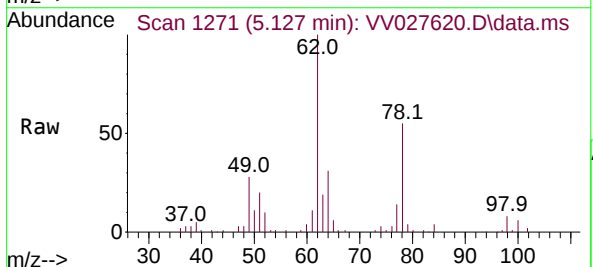
Instrument :
MSVOA_V
ClientSampleId :

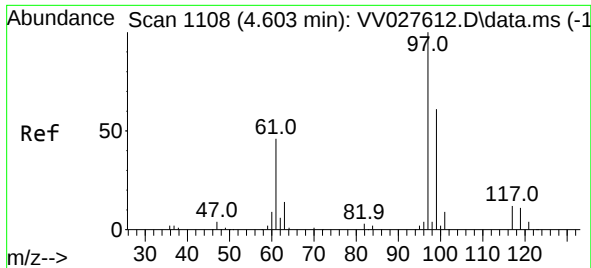
Tgt Ion: 83 Resp: 135499
Ion Ratio Lower Upper
83 100
85 64.4 43.3 80.5



#27
1,2-Dichloroethane
Concen: 5.075 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 62 Resp: 70126
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.819 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

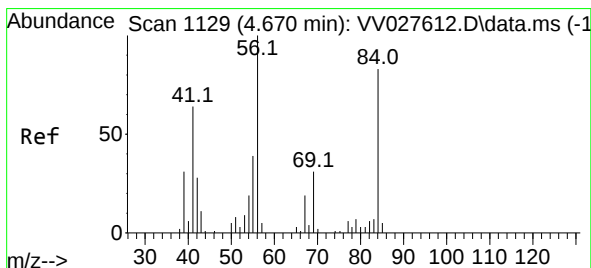
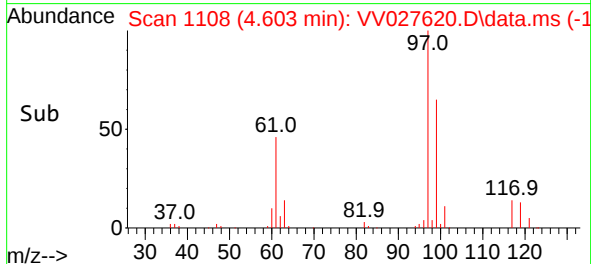
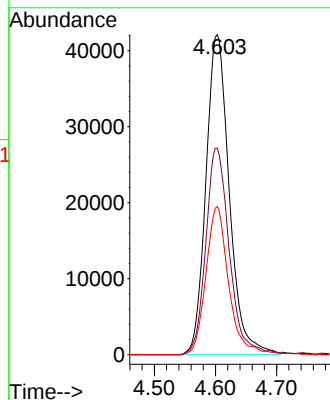
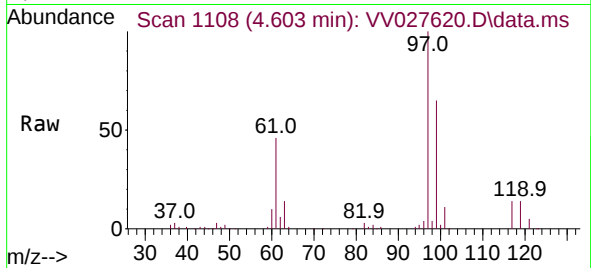
Tgt Ion: 97 Resp: 112026

Ion Ratio Lower Upper

97 100

99 65.0 51.1 76.7

61 45.3 35.9 53.9



#30

Cyclohexane

Concen: 4.364 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

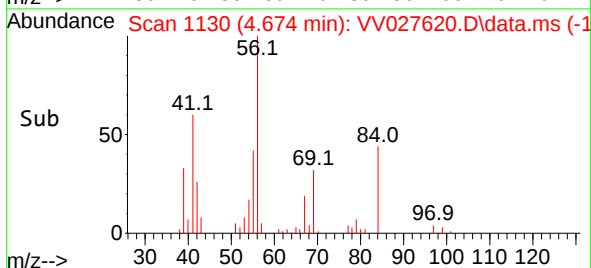
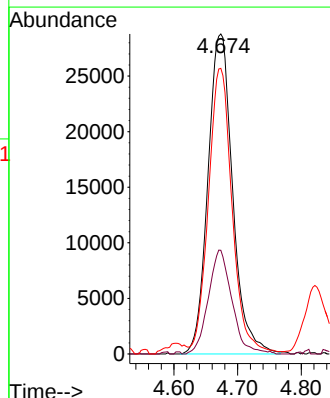
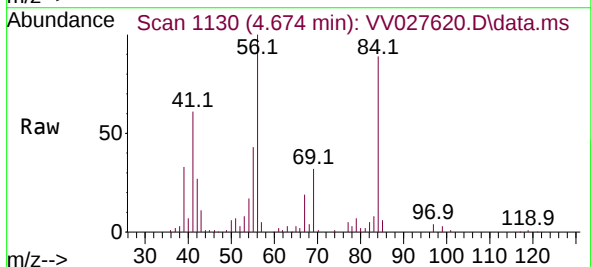
Tgt Ion: 56 Resp: 77862

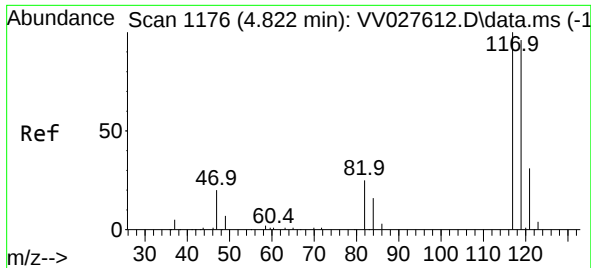
Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.0

84 86.0 69.7 104.5

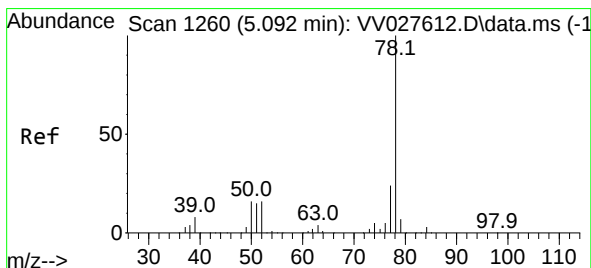
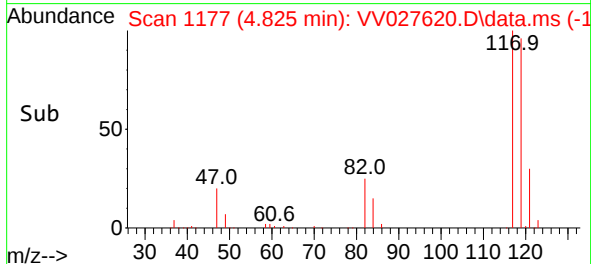
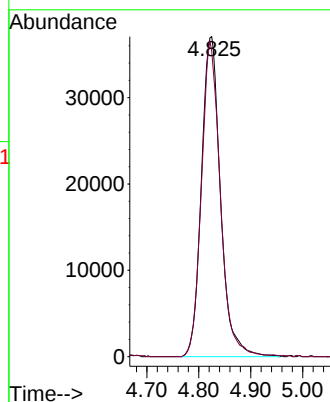
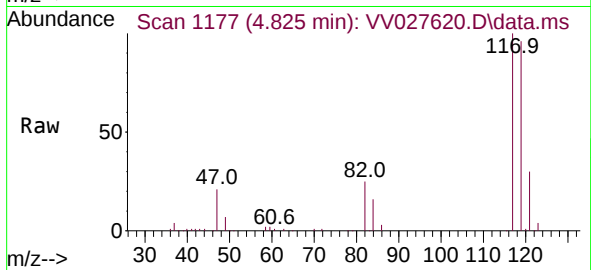




#31
Carbon tetrachloride
Concen: 4.680 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

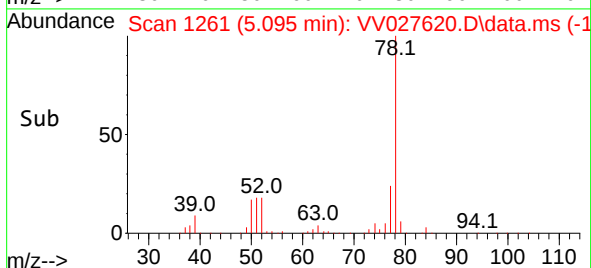
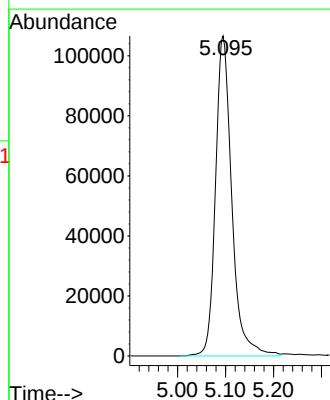
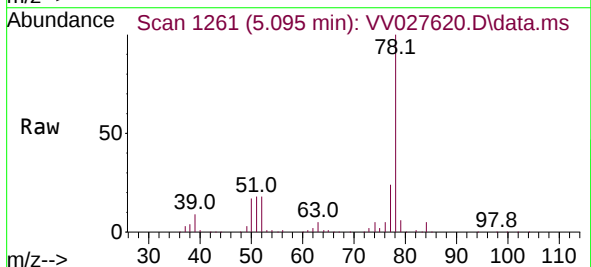
Instrument :
MSVOA_V
ClientSampleId :

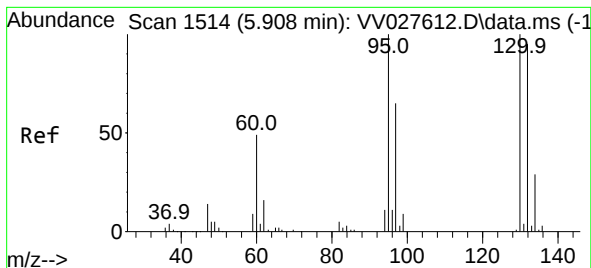
Tgt Ion:117 Resp: 94605
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1



#33
Benzene
Concen: 4.993 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 78 Resp: 251408





#34

Trichloroethene

Concen: 4.634 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 61400

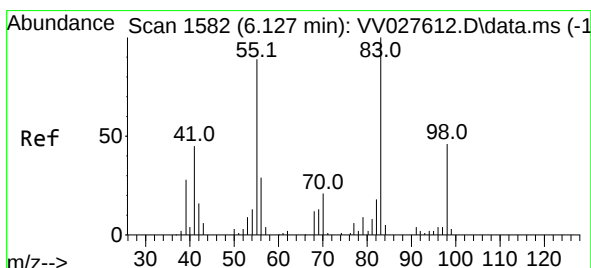
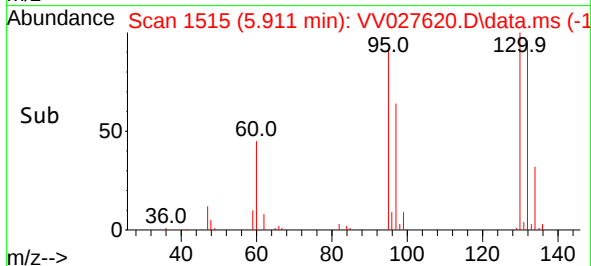
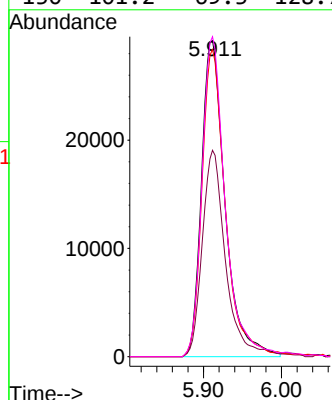
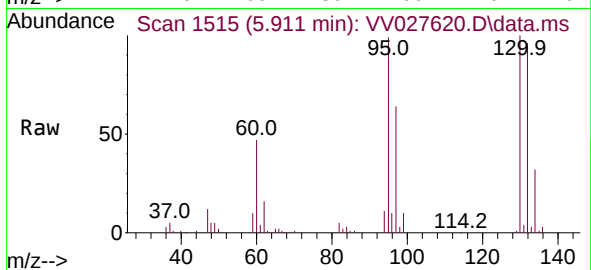
Ion Ratio Lower Upper

95 100

97 65.3 45.0 83.6

132 97.2 65.7 121.9

130 101.2 69.3 128.7



#35

Methylcyclohexane

Concen: 4.435 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

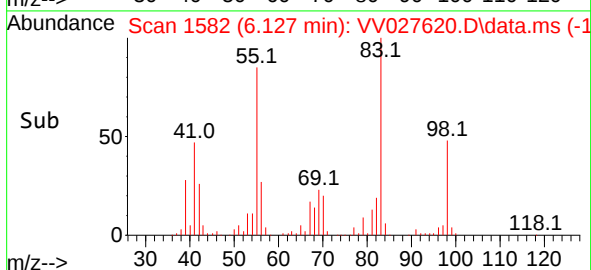
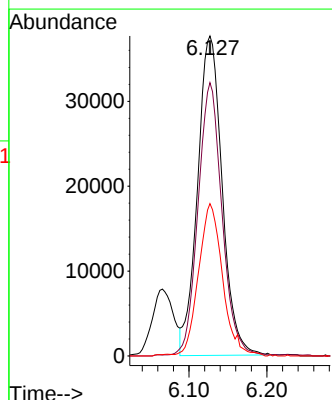
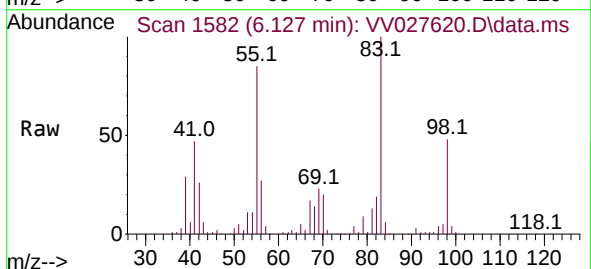
Tgt Ion: 83 Resp: 82654

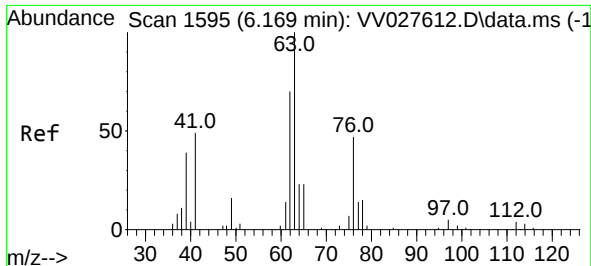
Ion Ratio Lower Upper

83 100

55 82.5 68.2 102.4

98 46.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.183 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

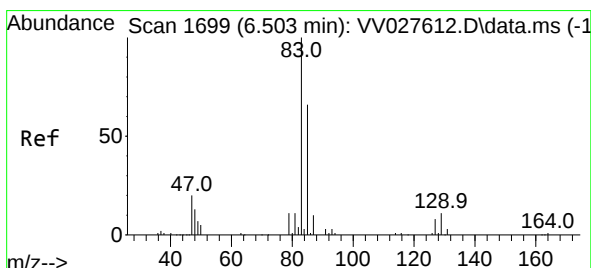
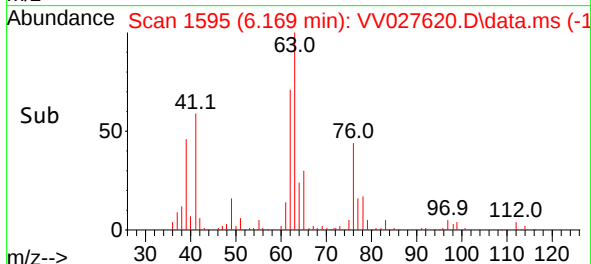
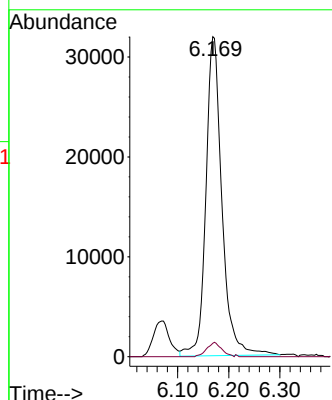
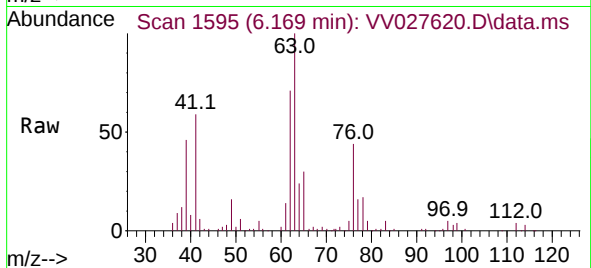
ClientSampleId :

Tgt Ion: 63 Resp: 69582

Ion Ratio Lower Upper

63 100

112 4.2 3.9 5.9



#38

Bromodichloromethane

Concen: 5.146 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

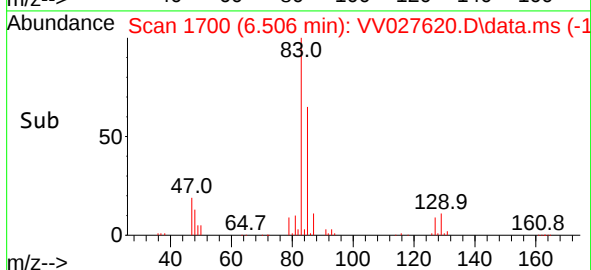
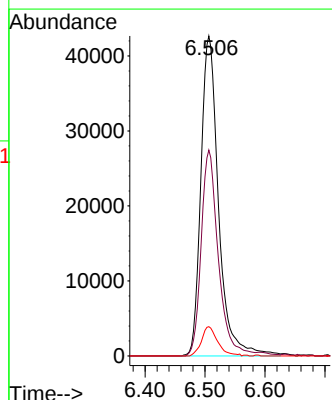
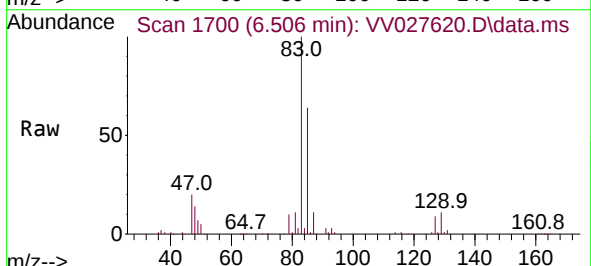
Tgt Ion: 83 Resp: 87587

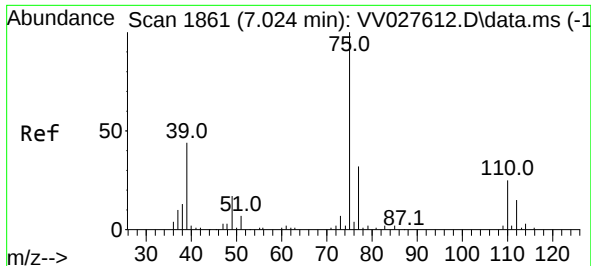
Ion Ratio Lower Upper

83 100

85 64.4 45.3 84.1

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.977 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

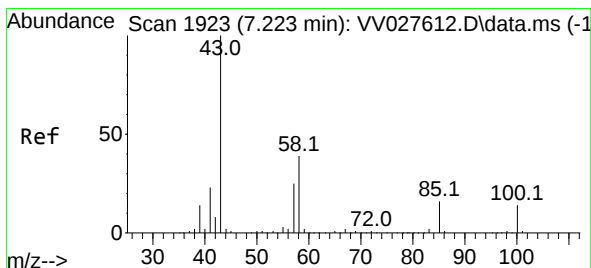
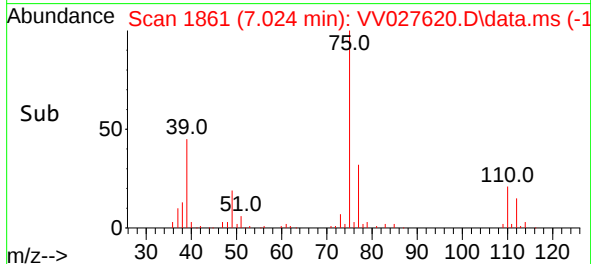
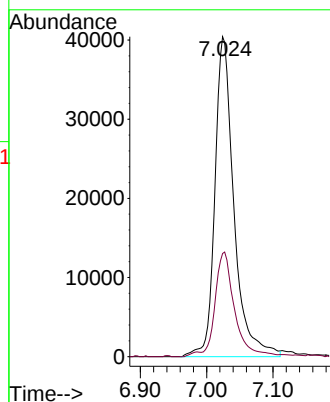
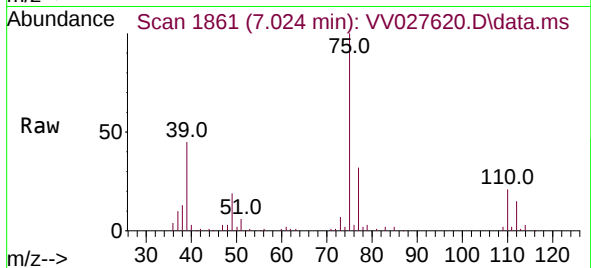
ClientSampleId :

Tgt Ion: 75 Resp: 80558

Ion Ratio Lower Upper

75 100

77 32.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 55.904 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

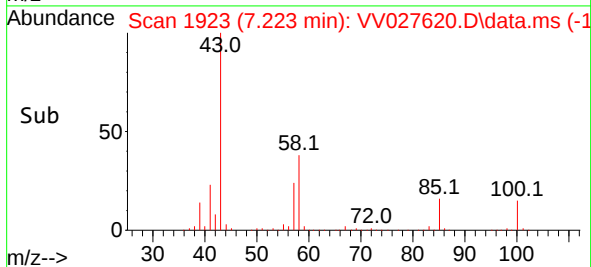
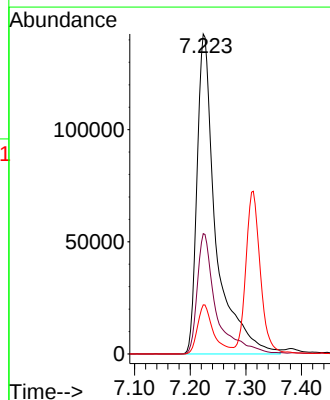
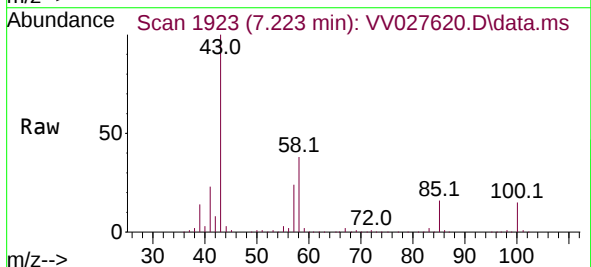
Tgt Ion: 43 Resp: 335311

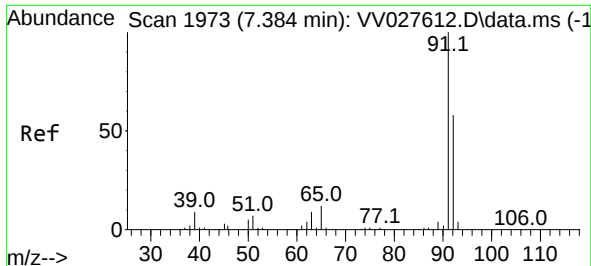
Ion Ratio Lower Upper

43 100

58 38.0 30.6 45.8

100 13.1 11.0 16.4

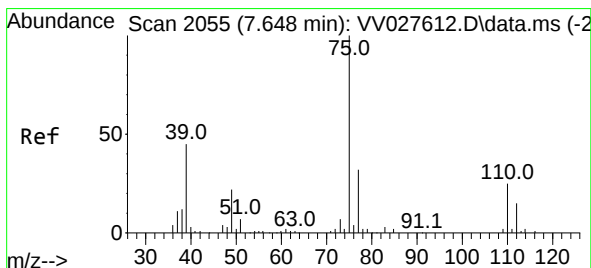
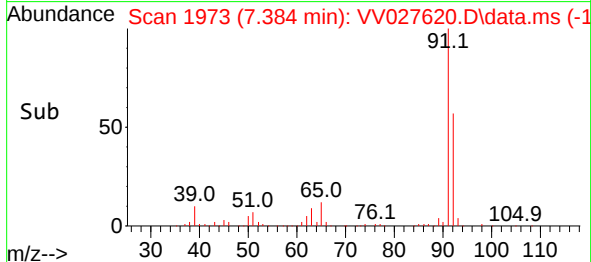
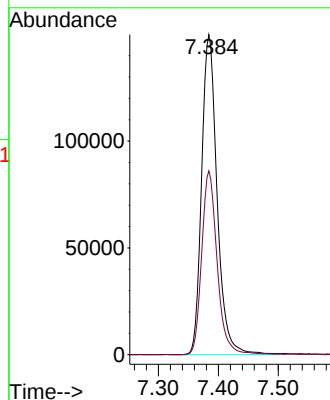
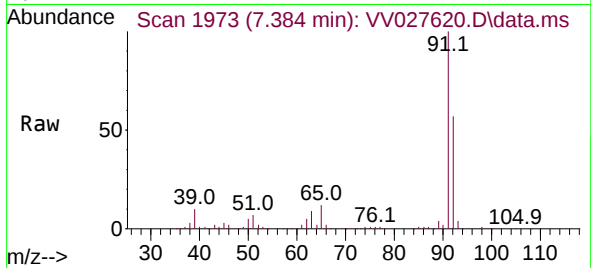




#42
Toluene
Concen: 5.196 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

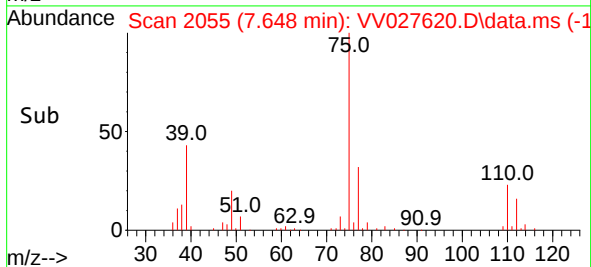
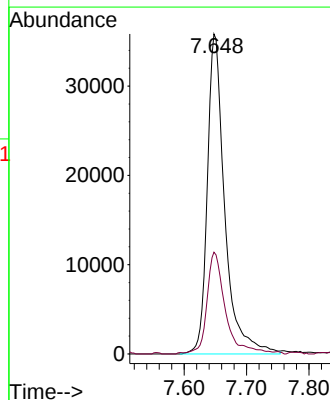
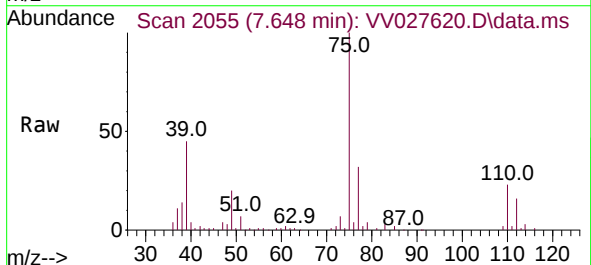
Instrument :
MSVOA_V
ClientSampleId :

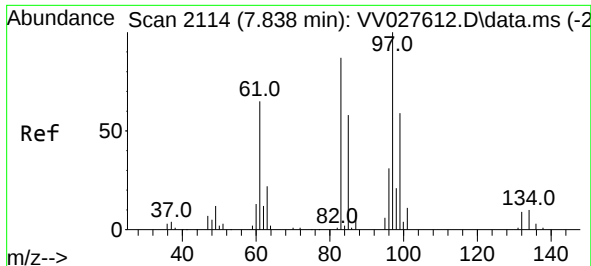
Tgt Ion: 91 Resp: 270063
Ion Ratio Lower Upper
91 100
92 57.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.096 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 75 Resp: 69727
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.5

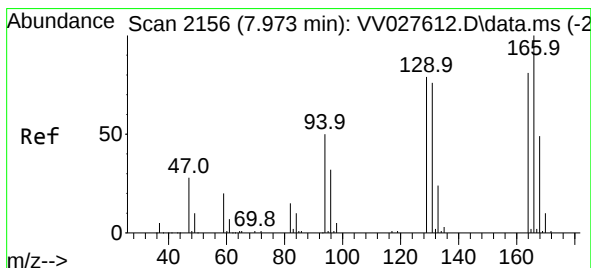
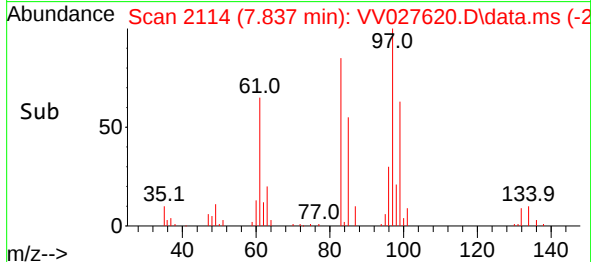
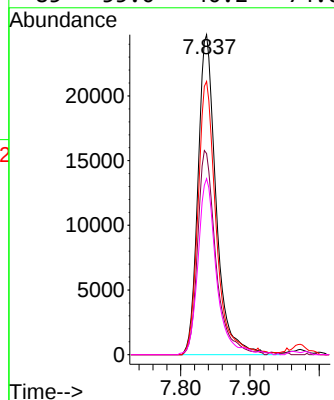
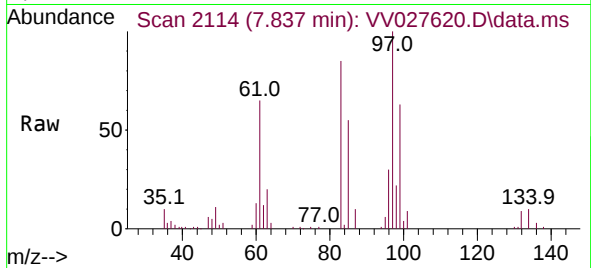




#45
1,1,2-Trichloroethane
Concen: 5.259 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

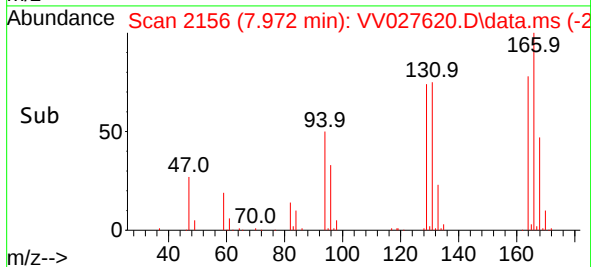
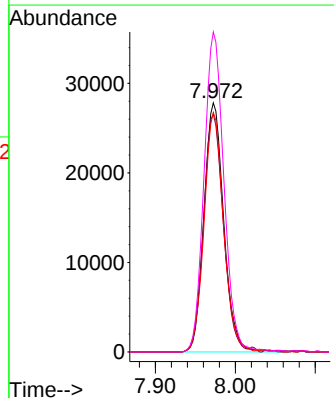
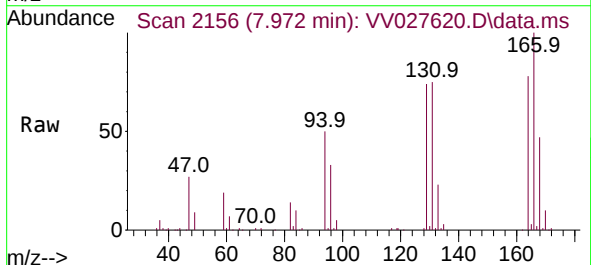
Instrument :
MSVOA_V
ClientSampleId :

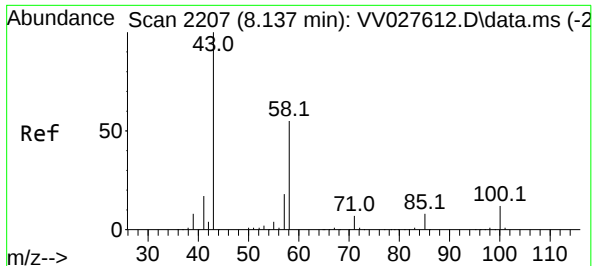
Tgt Ion:	97	Resp:	45132
Ion	Ratio	Lower	Upper
97	100		
99	62.8	46.1	85.7
83	85.4	63.0	117.0
85	55.0	40.2	74.6



#47
Tetrachloroethene
Concen: 4.652 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

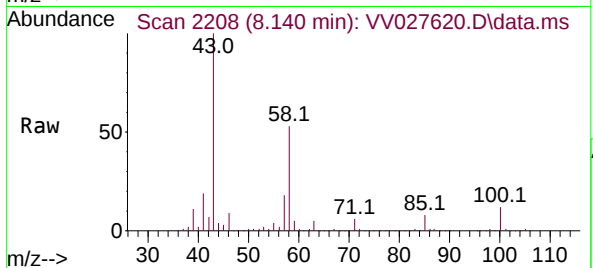
Tgt Ion:	164	Resp:	48023
Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.1	132.1
131	96.2	64.5	119.9
166	128.5	89.4	166.0



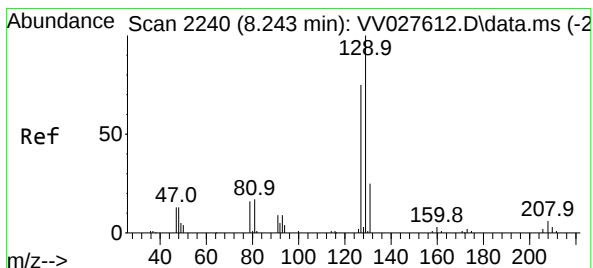
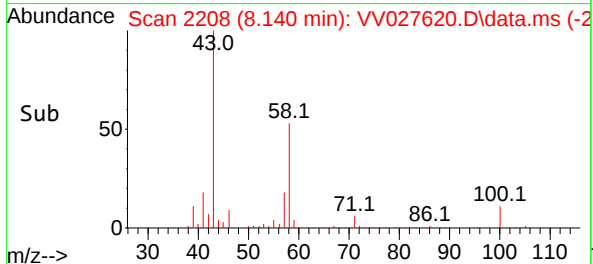
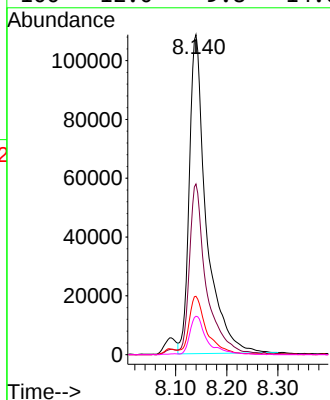


#48
2-Hexanone
Concen: 58.015 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Instrument :
MSVOA_V
ClientSampleId :

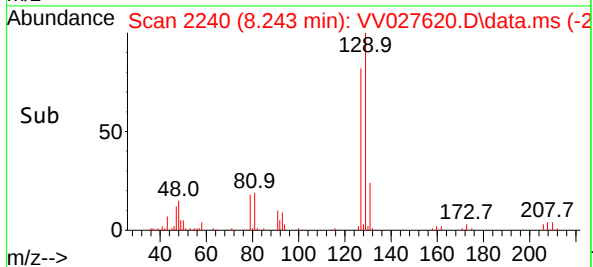
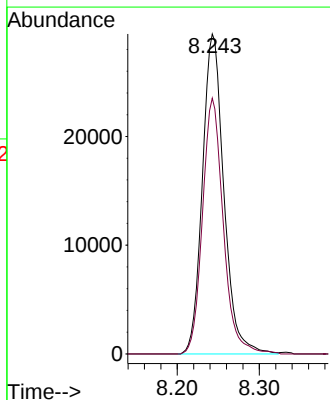
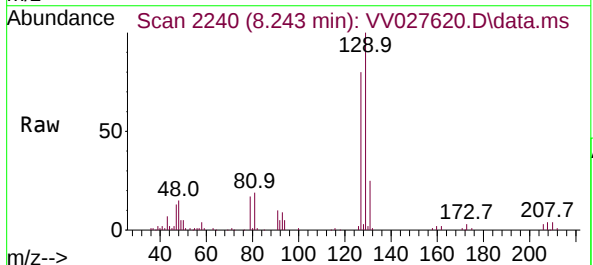


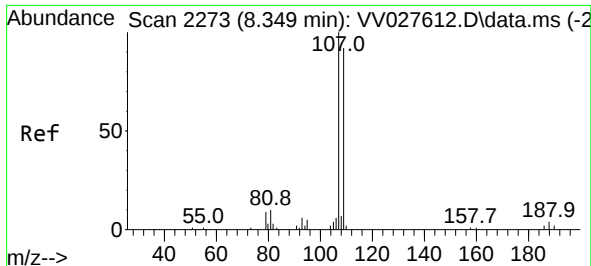
Tgt Ion: 43 Resp: 250738
Ion Ratio Lower Upper
43 100
58 52.3 41.3 61.9
57 18.6 14.9 22.3
100 12.0 9.8 14.6



#49
Dibromochloromethane
Concen: 5.071 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 129 Resp: 53520
Ion Ratio Lower Upper
129 100
127 80.0 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.068 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

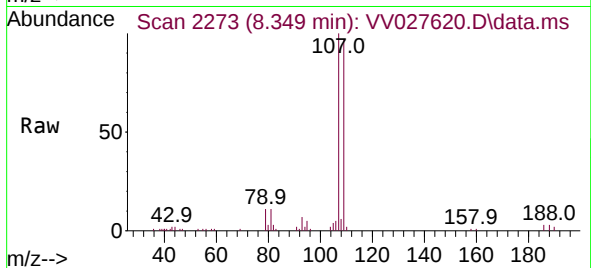
Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :



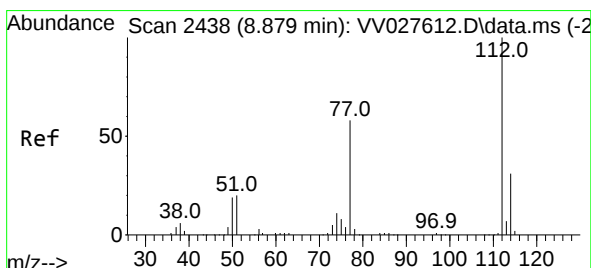
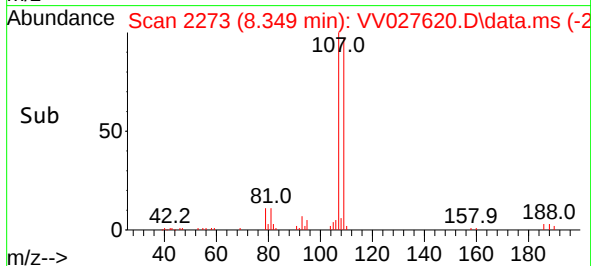
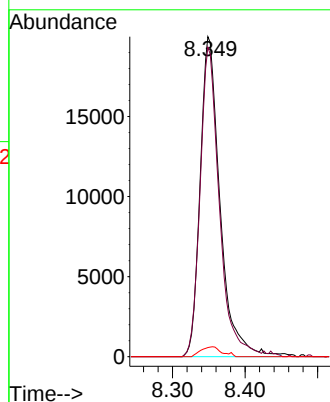
Tgt Ion:107 Resp: 37967

Ion Ratio Lower Upper

107 100

109 96.7 67.8 125.8

188 2.8 3.5 5.3#



#51

Chlorobenzene

Concen: 4.979 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

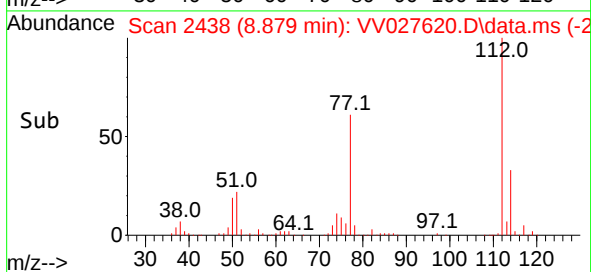
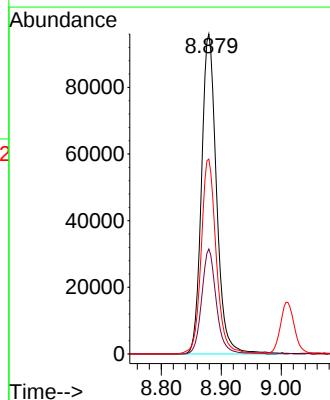
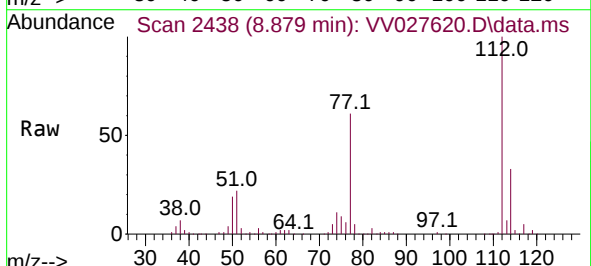
Tgt Ion:112 Resp: 167483

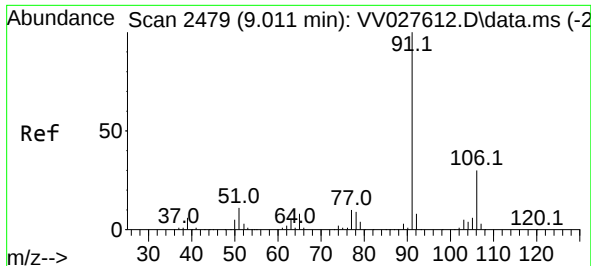
Ion Ratio Lower Upper

112 100

114 32.8 22.7 42.1

77 60.9 46.2 69.4





#52

Ethylbenzene

Concen: 4.979 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

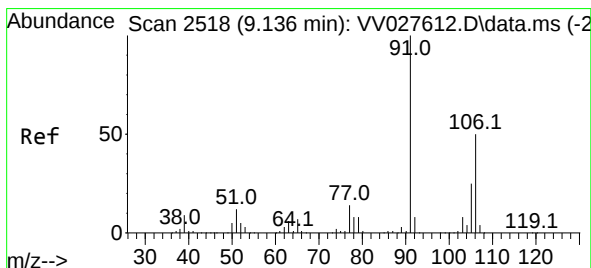
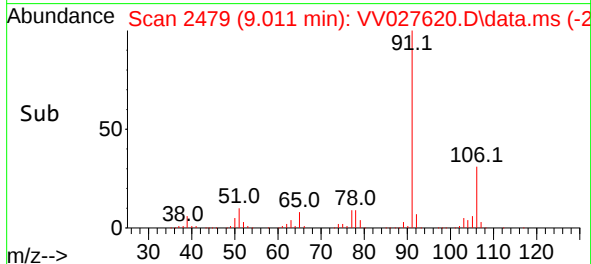
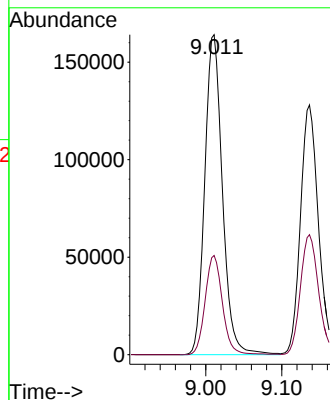
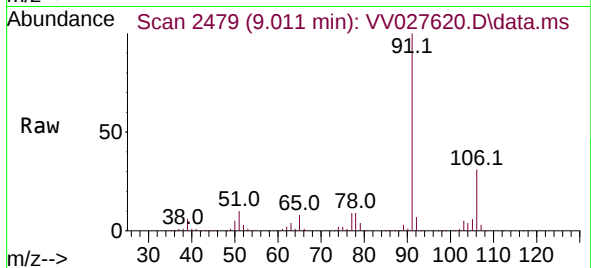
ClientSampleId :

Tgt Ion: 91 Resp: 264126

Ion Ratio Lower Upper

91 100

106 31.0 21.4 39.8



#53

m,p-Xylene

Concen: 5.069 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027620.D

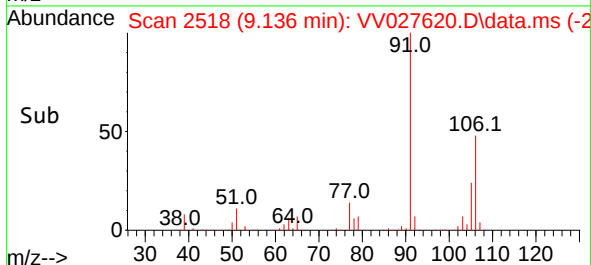
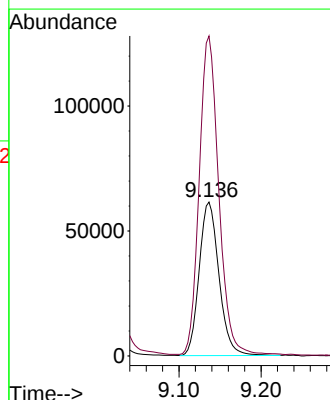
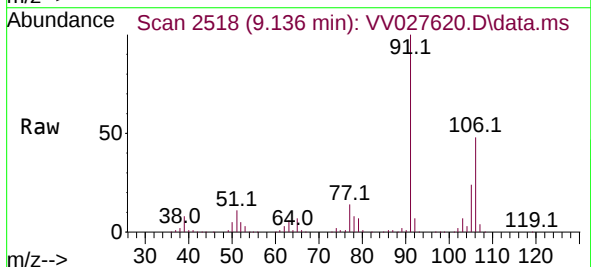
Acq: 31 Aug 2022 16:19

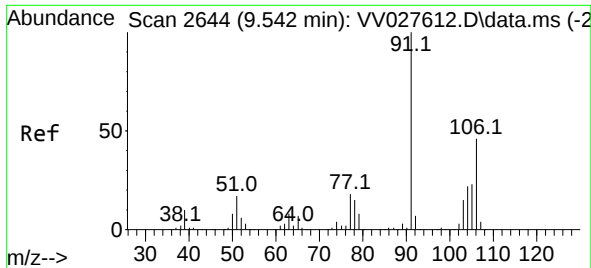
Tgt Ion: 106 Resp: 102911

Ion Ratio Lower Upper

106 100

91 208.0 143.8 267.0

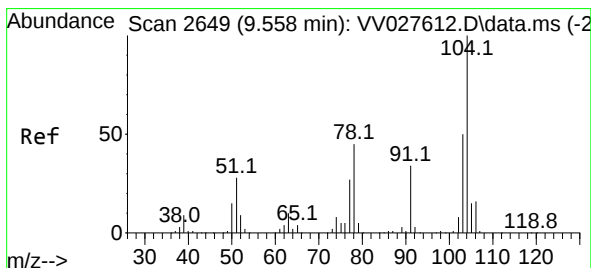
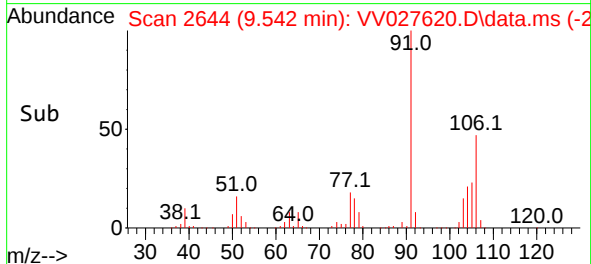
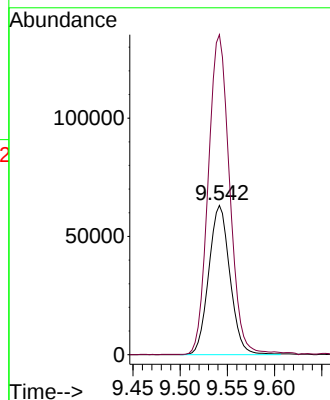
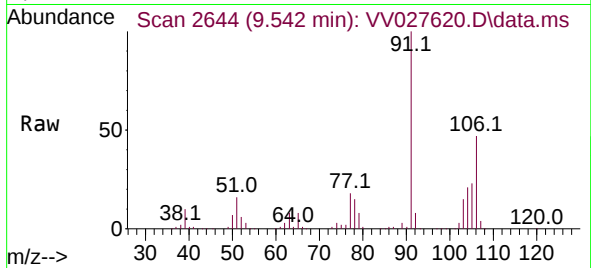




#54
o-Xylene
Concen: 5.002 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

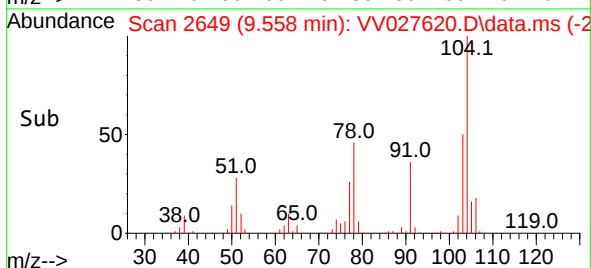
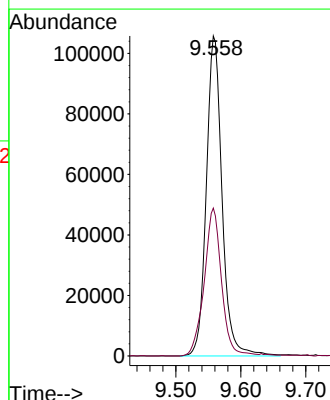
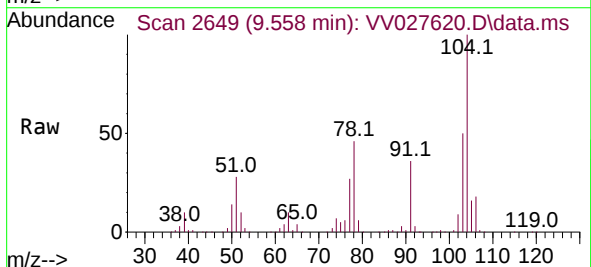
Instrument :
MSVOA_V
ClientSampleId :

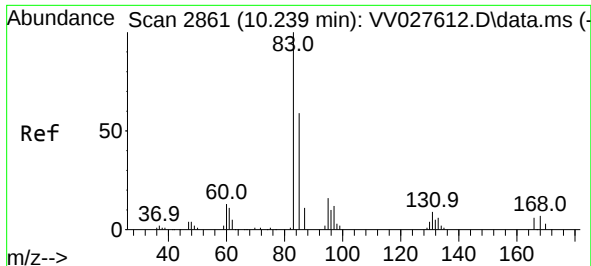
Tgt Ion:106 Resp: 98494
Ion Ratio Lower Upper
106 100
91 214.3 151.6 281.6



#55
Styrene
Concen: 5.336 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion:104 Resp: 178770
Ion Ratio Lower Upper
104 100
78 46.2 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.343 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

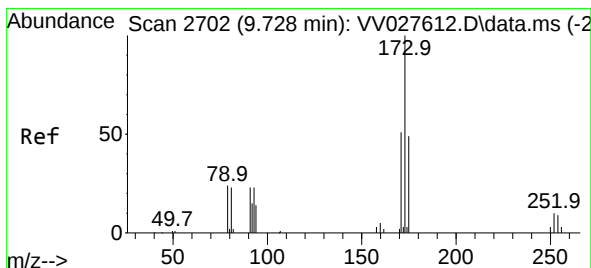
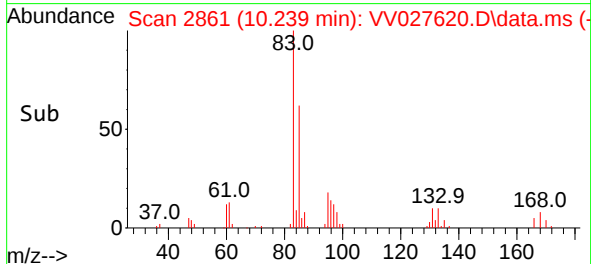
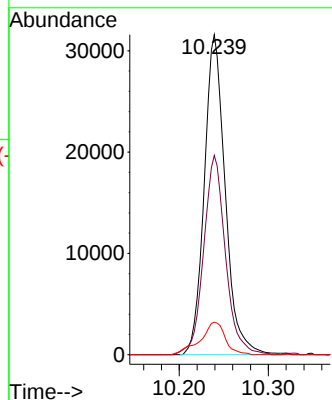
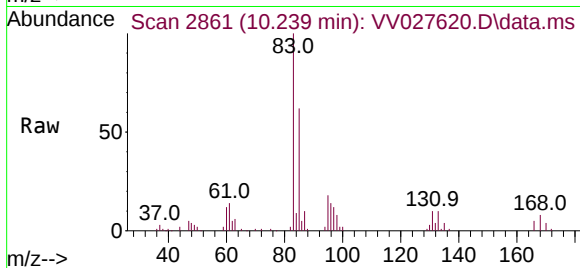
Tgt Ion: 83 Resp: 51655

Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9

131 10.1 7.3 10.9



#59

Bromoform

Concen: 4.826 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

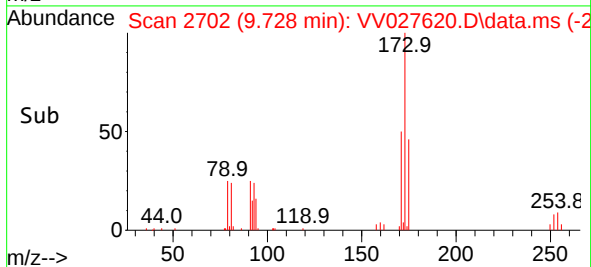
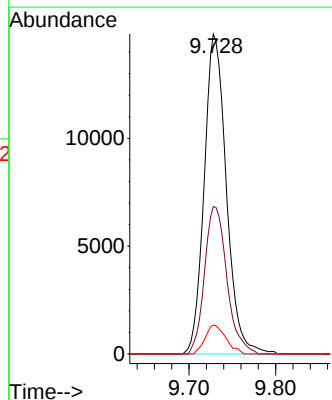
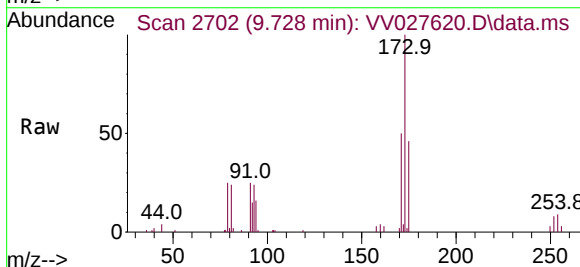
Tgt Ion: 173 Resp: 26397

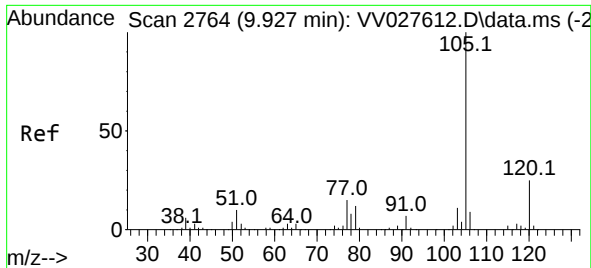
Ion Ratio Lower Upper

173 100

175 46.5 39.0 58.6

254 8.5 7.1 10.7

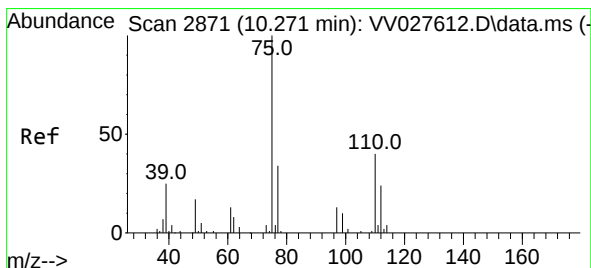
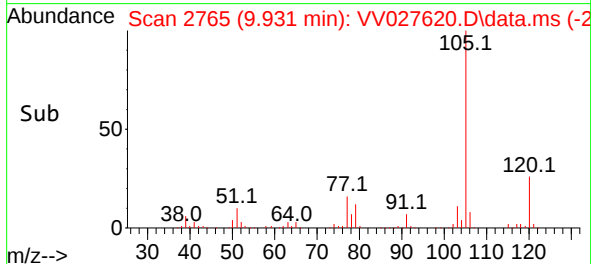
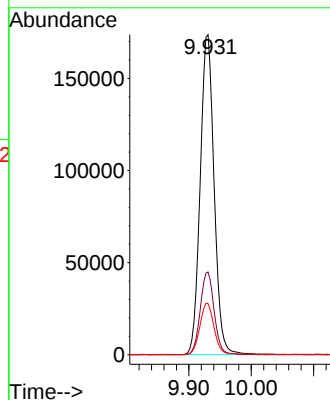
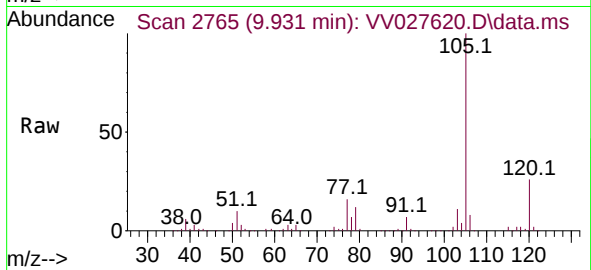




#60
Isopropylbenzene
Concen: 5.031 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

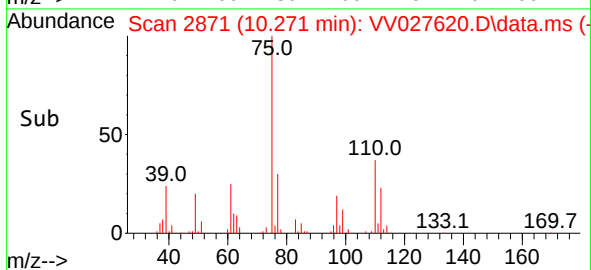
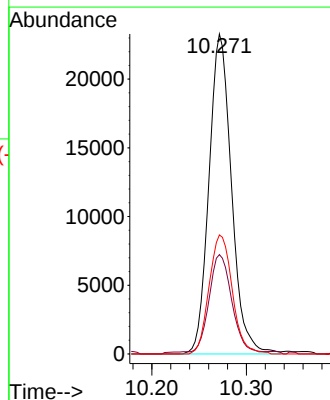
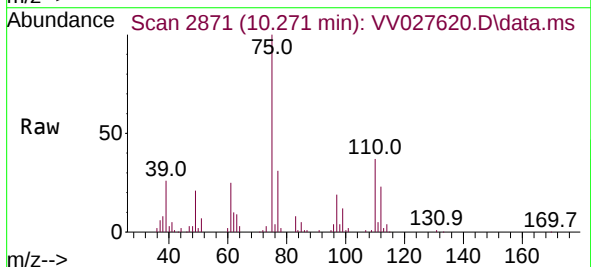
Instrument :
MSVOA_V
ClientSampleId :

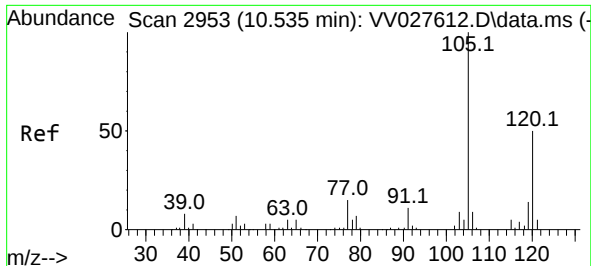
Tgt Ion:105 Resp: 270120
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.385 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion: 75 Resp: 38553
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 38.2 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.700 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

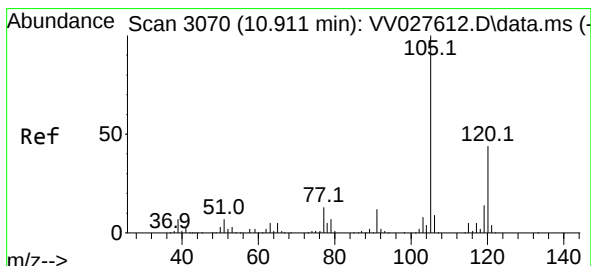
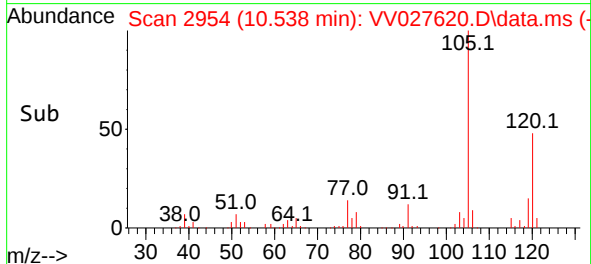
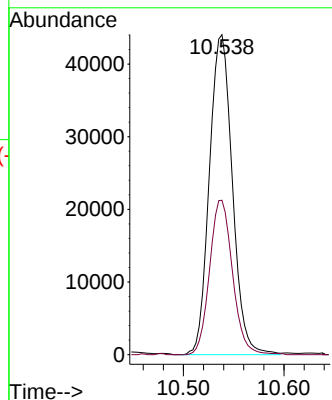
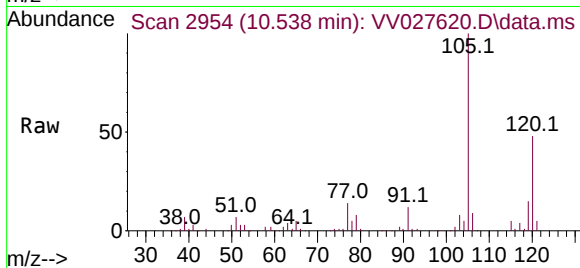
ClientSampleId :

Tgt Ion:105 Resp: 69982

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.766 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027620.D

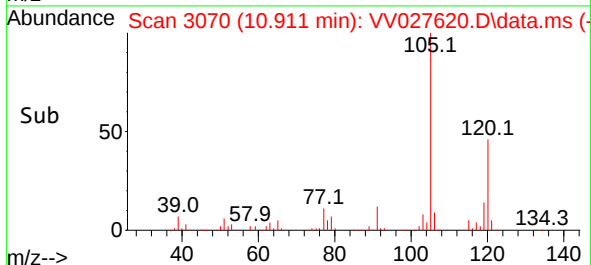
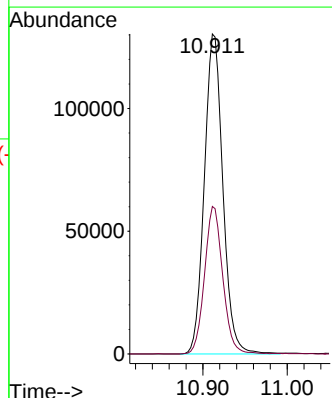
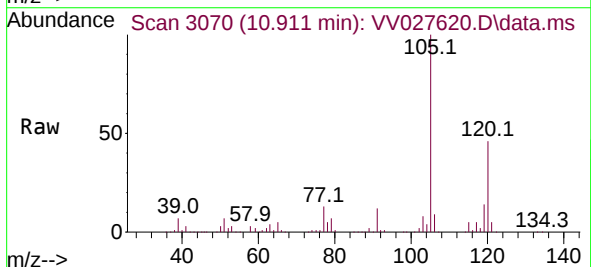
Acq: 31 Aug 2022 16:19

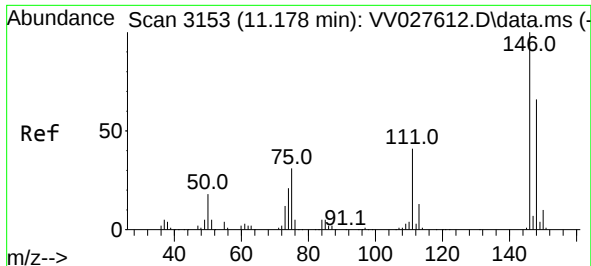
Tgt Ion:105 Resp: 199927

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.6

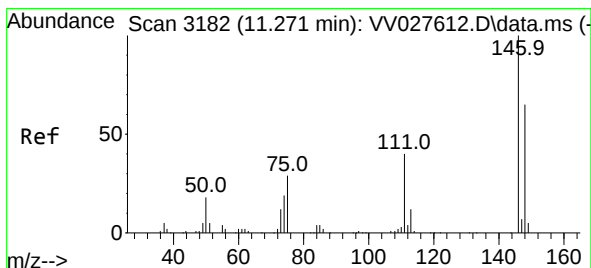
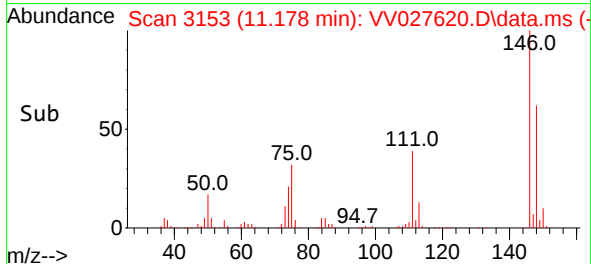
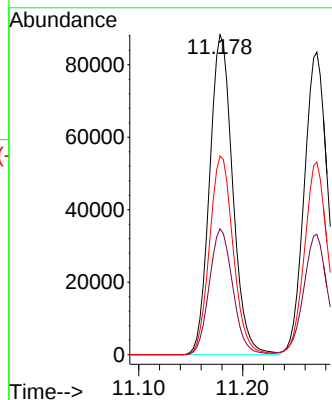
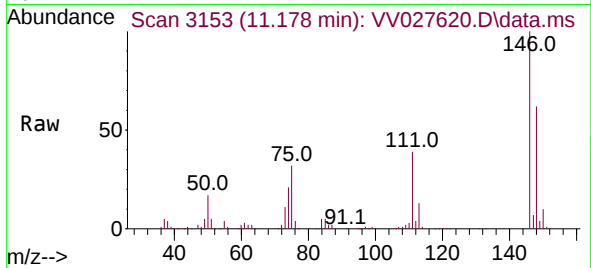




#64
1,3-Dichlorobenzene
Concen: 5.163 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

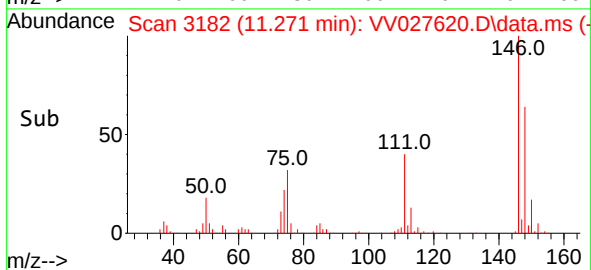
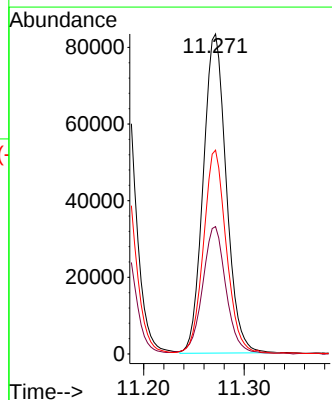
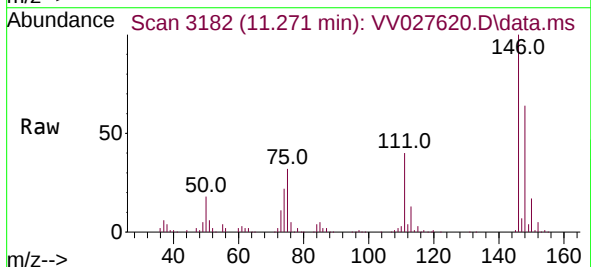
Instrument :
MSVOA_V
ClientSampleId :

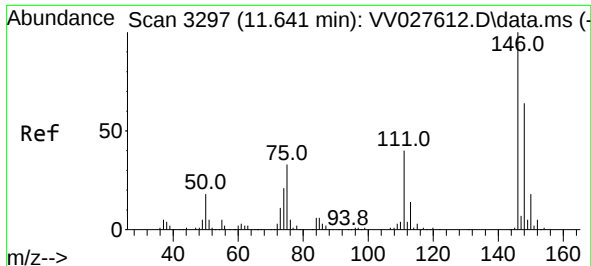
Tgt Ion:146 Resp: 136586
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.4
148 62.1 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027620.D
Acq: 31 Aug 2022 16:19

Tgt Ion:146 Resp: 132853
Ion Ratio Lower Upper
146 100
111 39.8 26.6 49.4
148 63.7 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.035 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

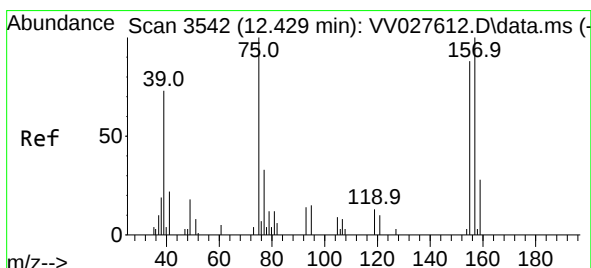
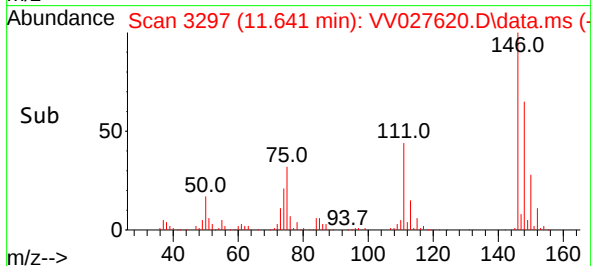
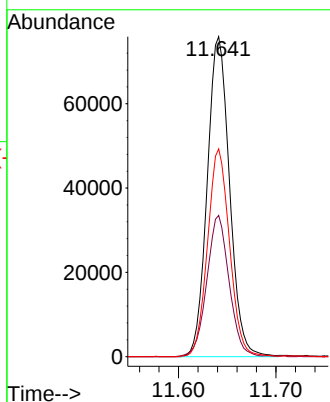
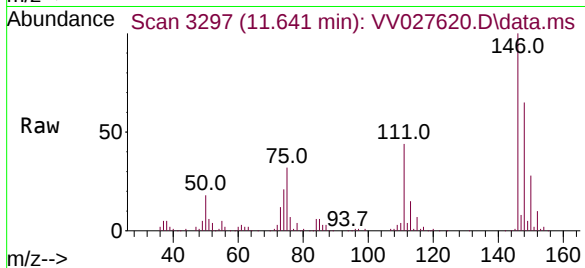
Tgt Ion:146 Resp: 120757

Ion Ratio Lower Upper

146 100

111 44.2 34.5 51.7

148 64.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.474 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

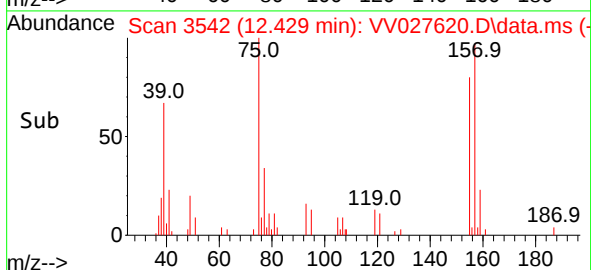
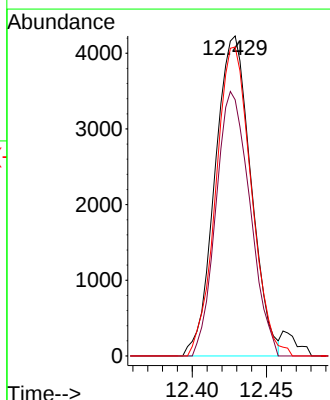
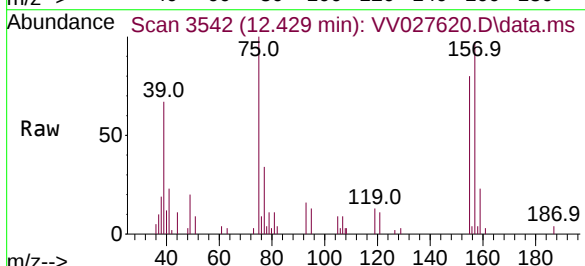
Tgt Ion: 75 Resp: 7117

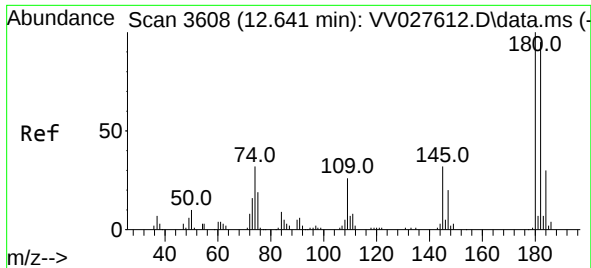
Ion Ratio Lower Upper

75 100

155 80.0 63.1 94.7

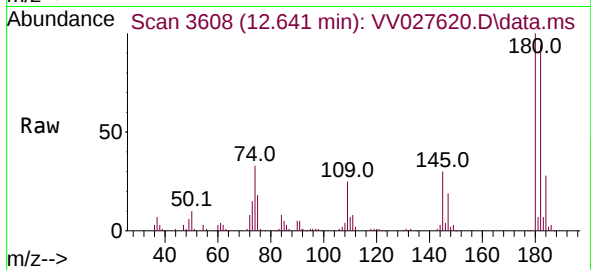
157 96.6 81.8 122.8



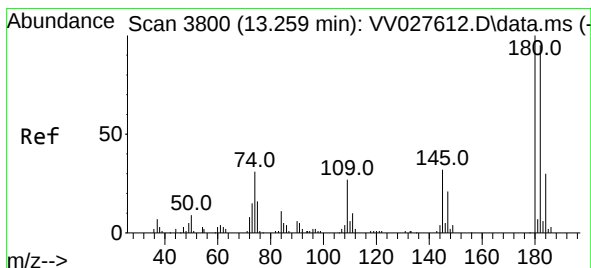
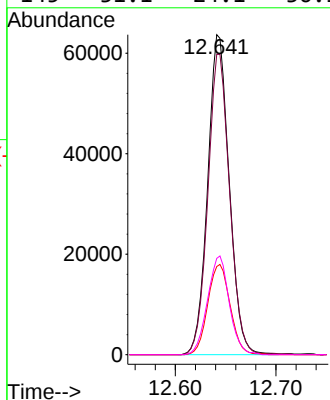
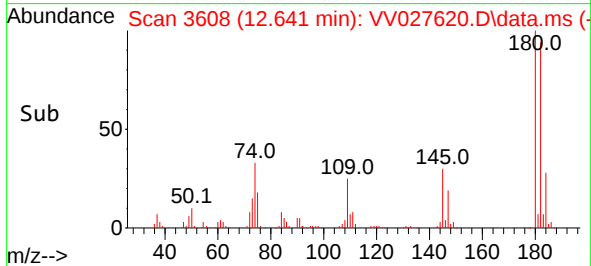


#69
 1,3,5-Trichlorobenzene
 Concen: 4.806 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19

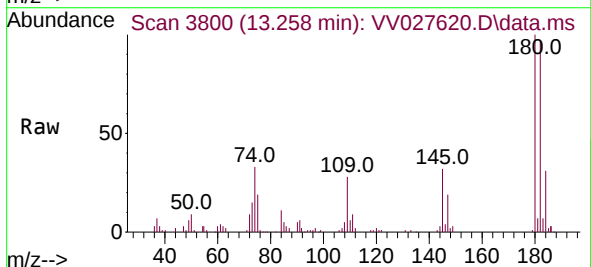
Instrument :
 MSVOA_V
 ClientSampleId :



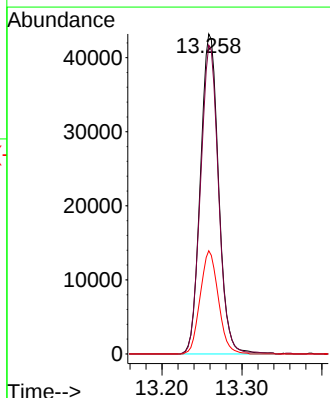
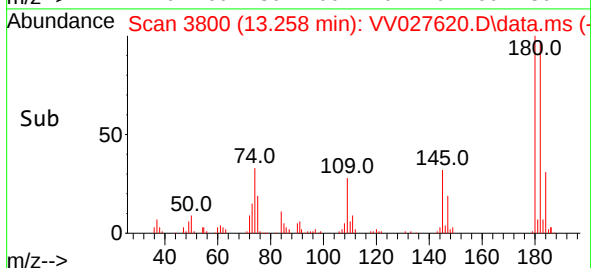
Tgt Ion:180 Resp: 94911
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.1 111.1
 184 29.2 23.2 34.8
 145 31.1 24.1 36.1

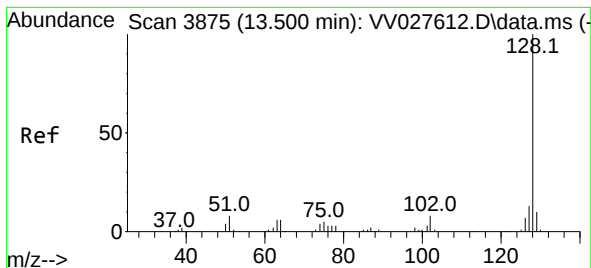


#70
 1,2,4-trichlorobenzene
 Concen: 4.757 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027620.D
 Acq: 31 Aug 2022 16:19



Tgt Ion:180 Resp: 68264
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 32.3 24.9 37.3





#71

Naphthalene

Concen: 4.575 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

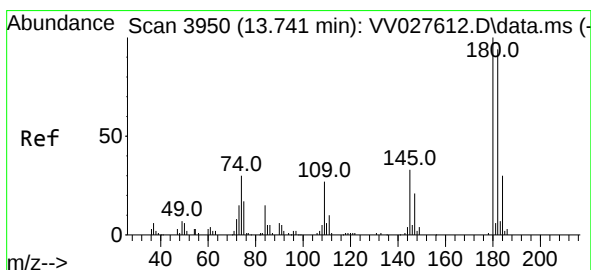
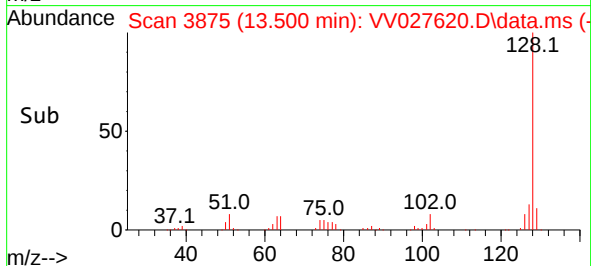
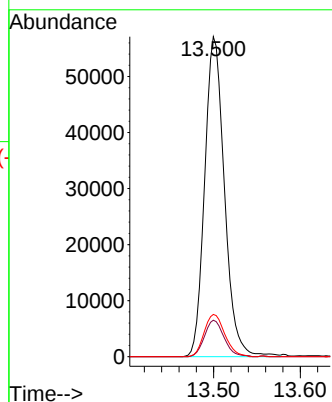
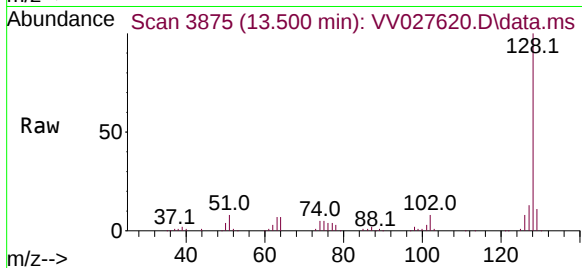
Tgt Ion:128 Resp: 90630

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.681 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027620.D

Acq: 31 Aug 2022 16:19

Tgt Ion:180 Resp: 59658

Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 35.4 26.6 39.8

