

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027527.D
 Acq On : 26 Aug 2022 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:05:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154698	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53620	4.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.564	69	51349	6.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.400%
11) 1,1-Dichloroethene-d2	2.101	63	131862	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.889	46	50639	36.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.920%
24) Chloroform-d	4.339	84	105060	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.027	65	49944	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.043	84	196566	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.063	67	56586	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.310	98	187228	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.619	79	21127	5.078	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.088	63	73738	53.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36504	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58909	5.041	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70266	4.281	ug/L	100
3) Chloromethane	1.236	50	57012	3.977	ug/L	99
5) Vinyl chloride	1.307	62	61476	4.260	ug/L	94
6) Bromomethane	1.519	94	34755	4.871	ug/L	99
8) Chloroethane	1.581	64	48874	5.796	ug/L	97
9) Trichlorofluoromethane	1.748	101	115514	5.039	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	65558	5.066	ug/L	96
12) 1,1-Dichloroethene	2.111	96	59295	5.066	ug/L	90
13) Acetone	2.172	43	54058	41.312	ug/L	99
14) Carbon disulfide	2.288	76	124638	3.880	ug/L	99
15) Methyl Acetate	2.433	43	12396	3.421	ug/L #	78
16) Methylene chloride	2.500	84	60819	3.447	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	113989	4.707	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	53890	4.469	ug/L	96
19) 1,1-Dichloroethane	3.182	63	108545	4.348	ug/L	99
21) 2-Butanone	3.969	43	77830	44.694	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	55875	4.348	ug/L	99
23) Bromochloromethane	4.243	128	24581	4.338	ug/L	87
25) Chloroform	4.365	83	120036	4.422	ug/L	97

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Quant Time: Aug 27 03:05:59 2022
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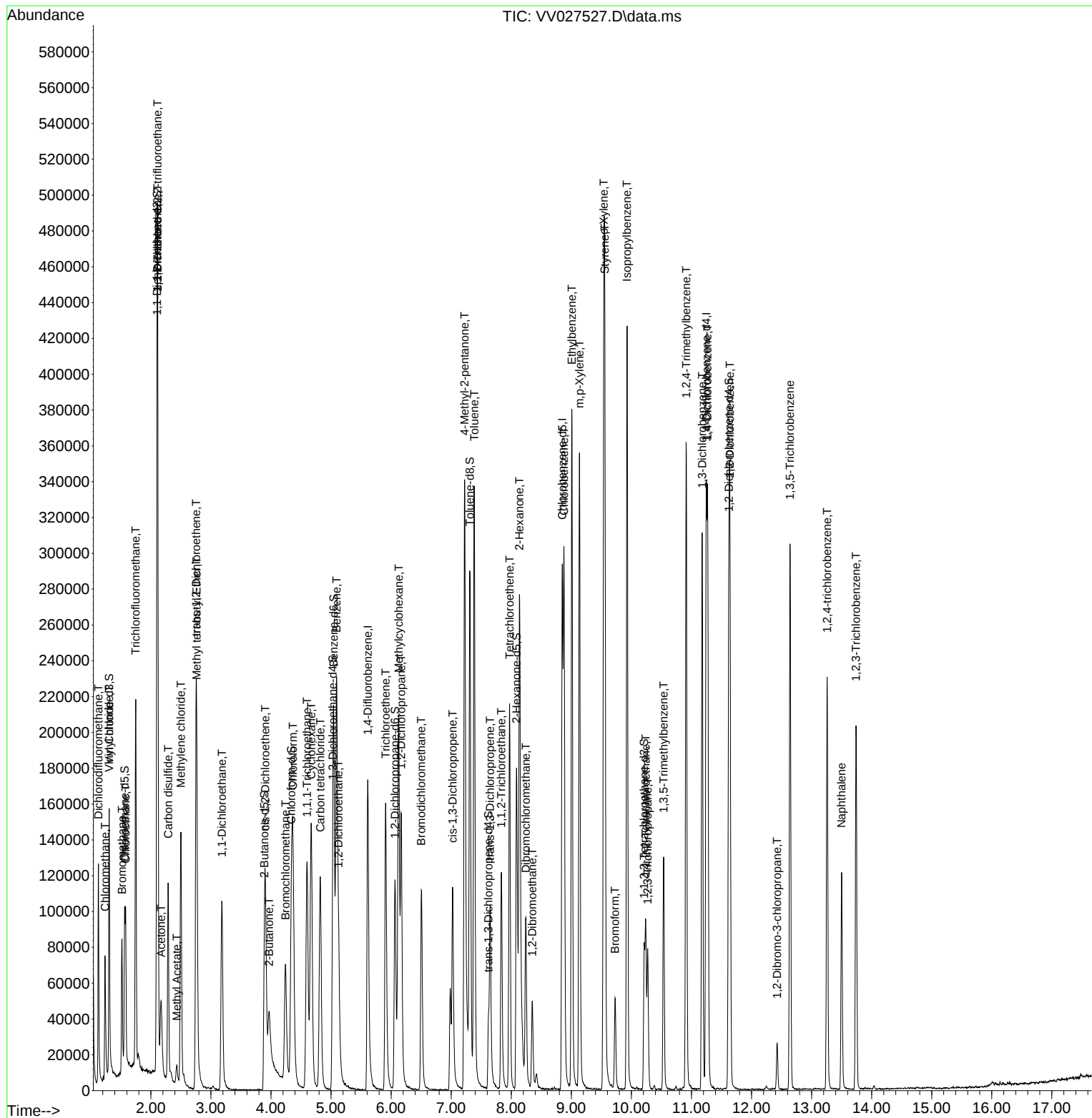
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	63918	4.634	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	107173	4.627	ug/L	99
30) Cyclohexane	4.670	56	75901	4.269	ug/L	97
31) Carbon tetrachloride	4.822	117	92914	4.613	ug/L	99
33) Benzene	5.092	78	231718	4.619	ug/L	100
34) Trichloroethene	5.908	95	57829	4.380	ug/L	98
35) Methylcyclohexane	6.127	83	82698	4.454	ug/L	96
37) 1,2-Dichloropropane	6.169	63	56555	4.228	ug/L	100
38) Bromodichloromethane	6.503	83	77089	4.546	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	71364	4.425	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	268694	44.962	ug/L	99
42) Toluene	7.384	91	248770	4.804	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	60488	4.437	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	39366	4.604	ug/L	94
47) Tetrachloroethene	7.973	164	46707	4.541	ug/L	97
48) 2-Hexanone	8.136	43	199599	46.352	ug/L	96
49) Dibromochloromethane	8.243	129	46960	4.466	ug/L	98
50) 1,2-Dibromoethane	8.349	107	33927	4.546	ug/L	97
51) Chlorobenzene	8.879	112	154102	4.598	ug/L	98
52) Ethylbenzene	9.008	91	252013	4.768	ug/L	98
53) m,p-Xylene	9.136	106	95517	4.722	ug/L	96
54) o-Xylene	9.542	106	95260	4.855	ug/L	100
55) Styrene	9.558	104	168756	5.056	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41524	4.311	ug/L	100
59) Bromoform	9.728	173	23981	4.539	ug/L	99
60) Isopropylbenzene	9.927	105	257113	4.957	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	30801	4.454	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	68005	4.729	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	197120	4.865	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122177	4.781	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	119641	4.696	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	111954	4.832	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6686	4.352	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	93203	4.886	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69995	5.050	ug/L	99
71) Naphthalene	13.500	128	92990	4.860	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	60820	4.940	ug/L	99

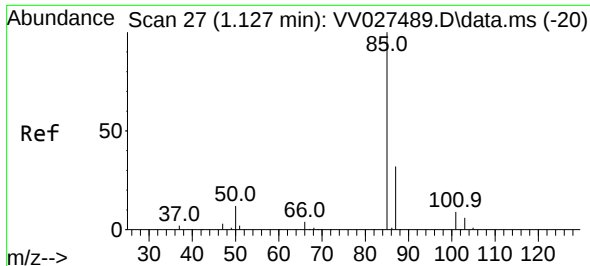
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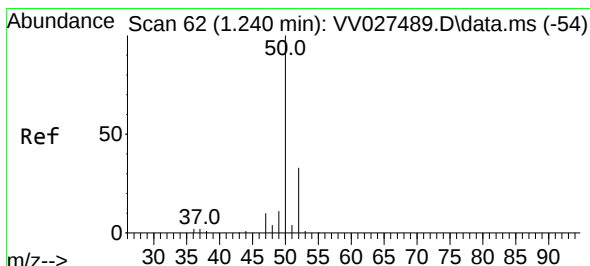
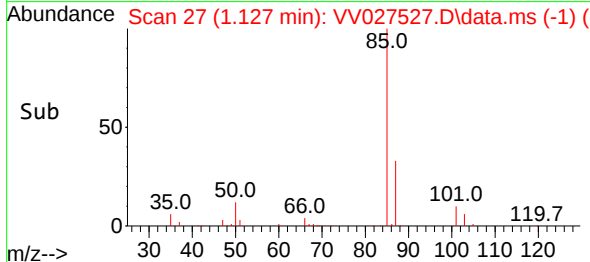
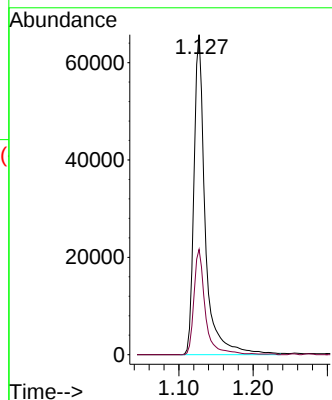
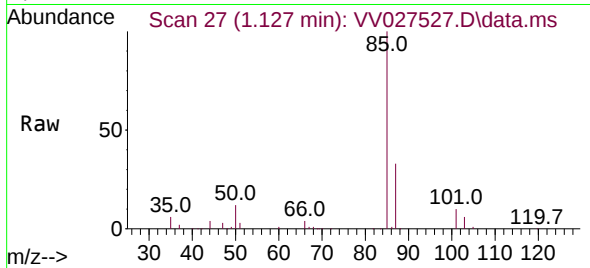




#2
 Dichlorodifluoromethane
 Concen: 4.281 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

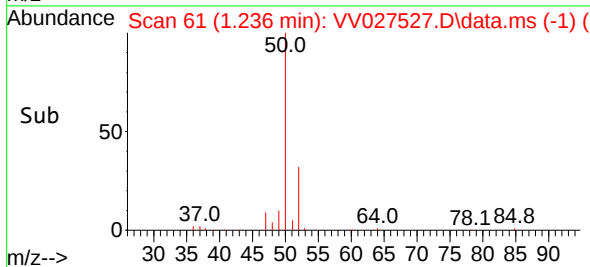
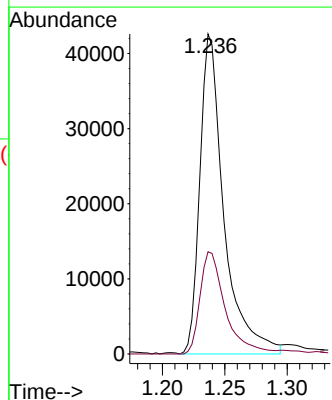
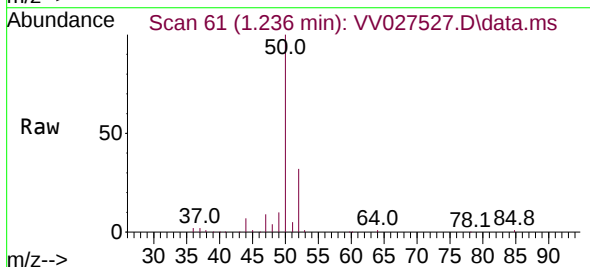
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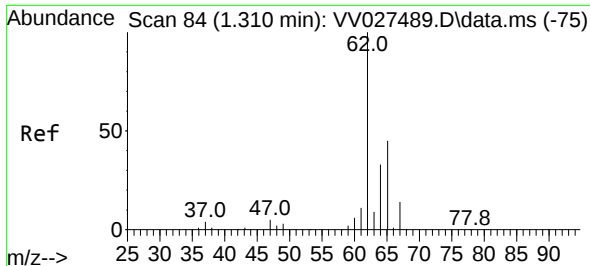
Tgt Ion: 85 Resp: 70266
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 3.977 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

Tgt Ion: 50 Resp: 57012
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.8 42.4

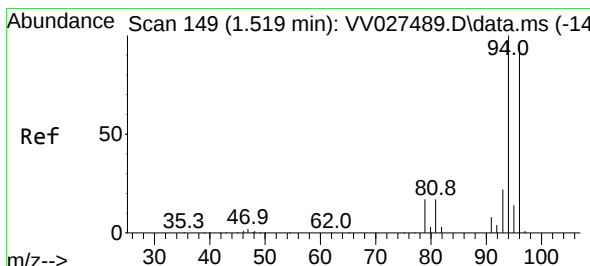
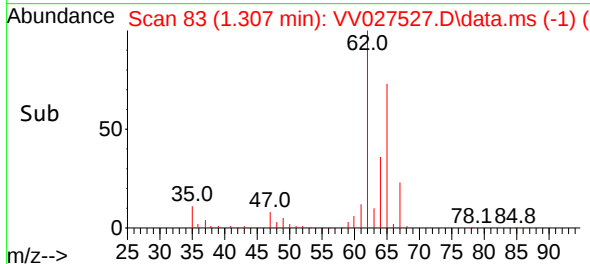
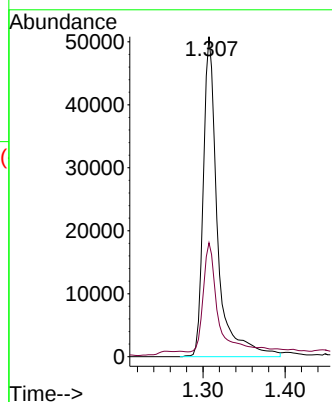
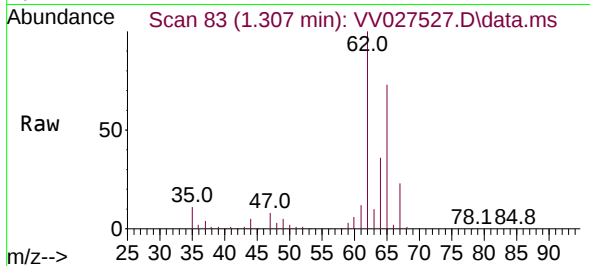




#5
 Vinyl chloride
 Concen: 4.260 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

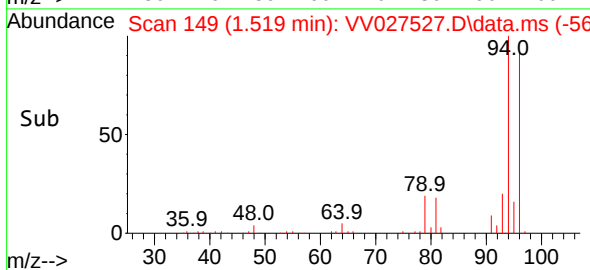
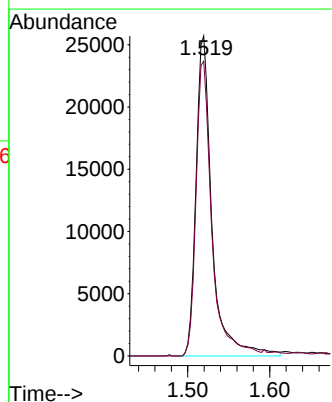
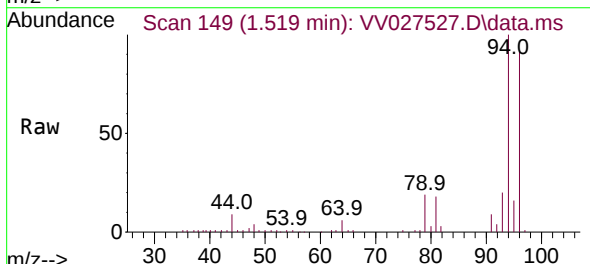
Instrument :
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 ClientSampleId :

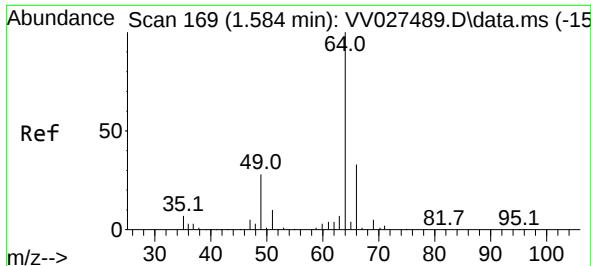
Tgt Ion: 62 Resp: 61476
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.6 42.0



#6
 Bromomethane
 Concen: 4.871 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

Tgt Ion: 94 Resp: 34755
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.2 121.0

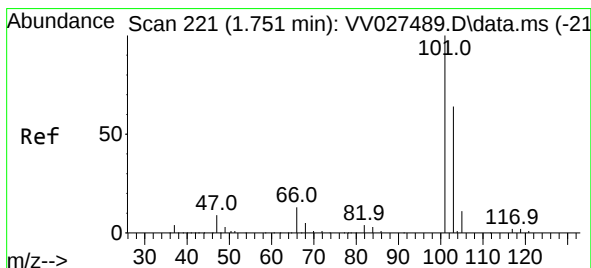
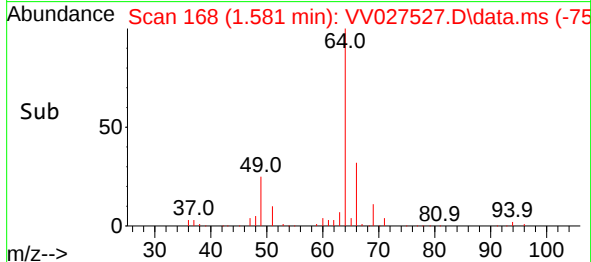
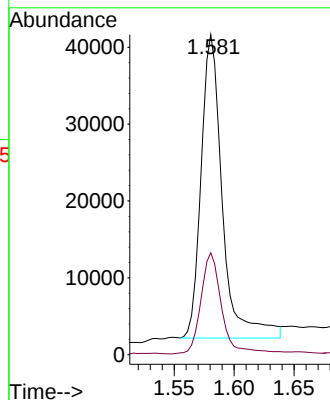
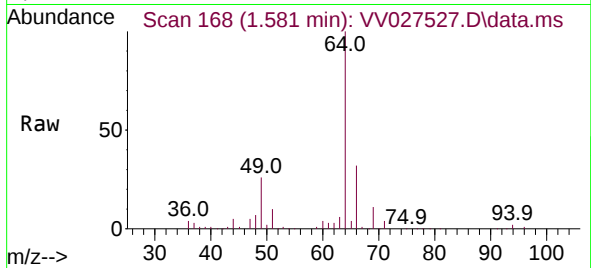




#8
Chloroethane
Concen: 5.796 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

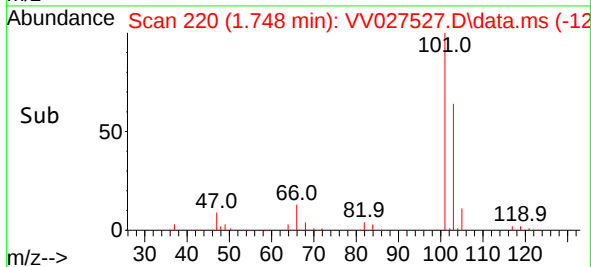
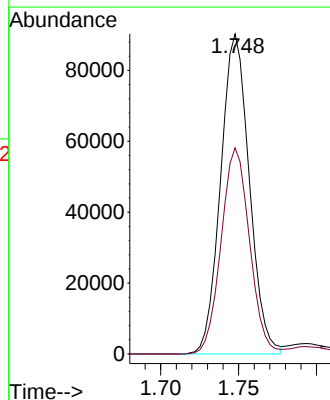
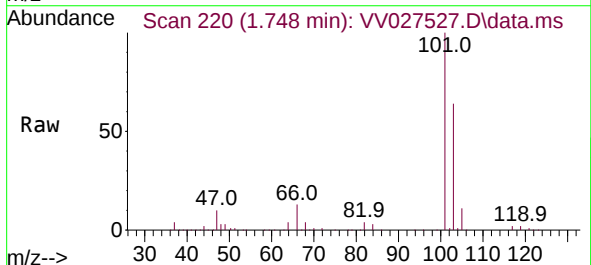
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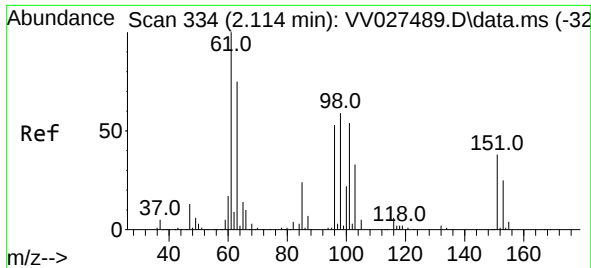
Tgt Ion: 64 Resp: 48874
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.039 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion:101 Resp: 115514
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

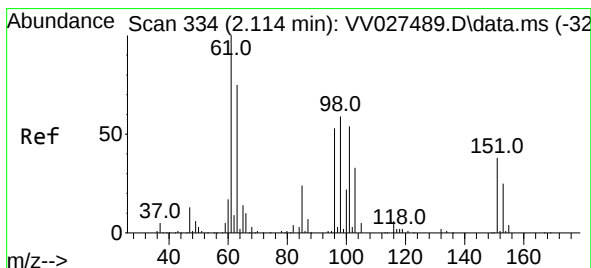
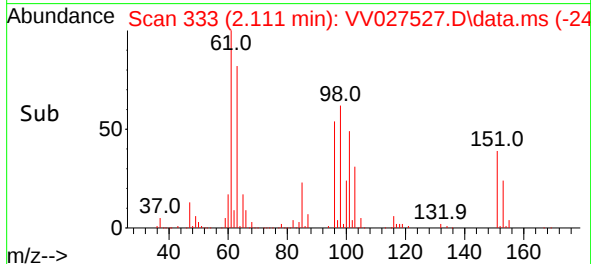
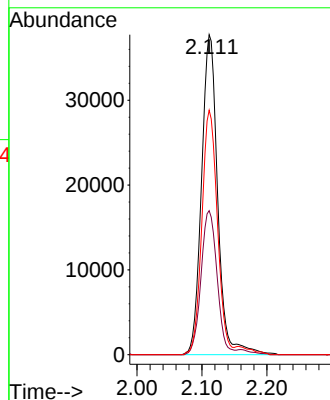
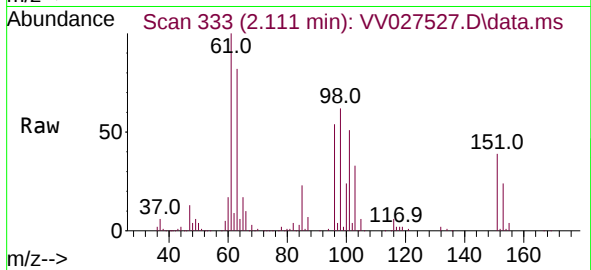




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.066 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

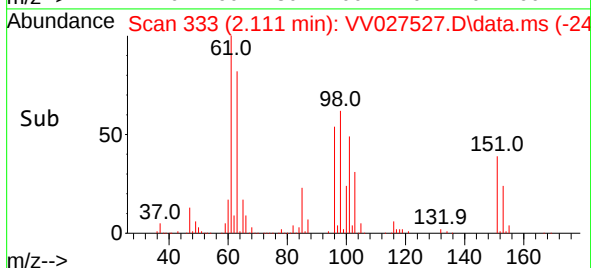
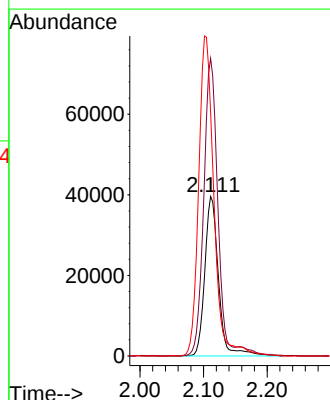
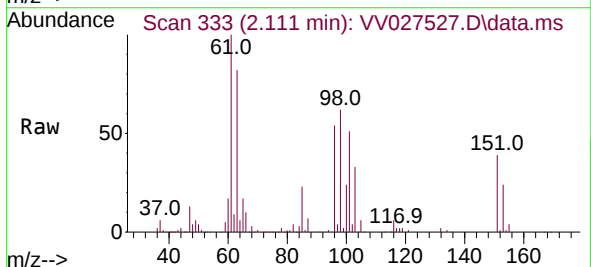
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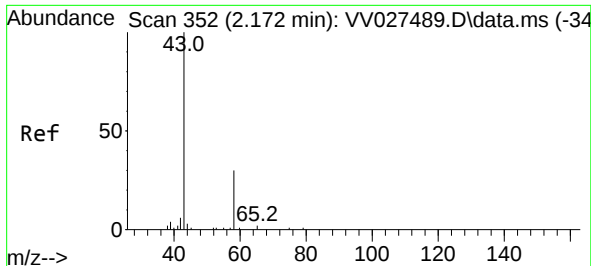
Tgt Ion:101 Resp: 65558
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.3 52.9
 151 73.3 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.066 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

Tgt Ion: 96 Resp: 59295
 Ion Ratio Lower Upper
 96 100
 61 186.6 130.2 241.8
 63 153.0 87.4 162.4





#13

Acetone

Concen: 41.312 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

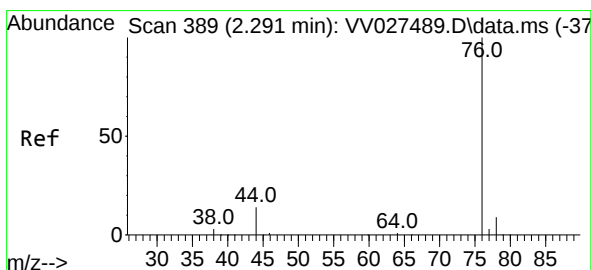
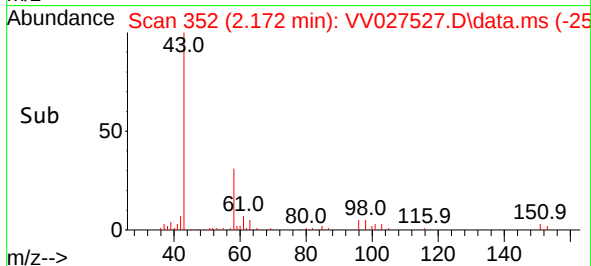
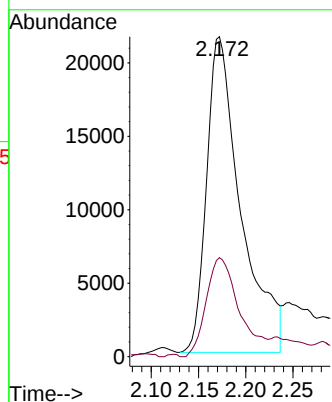
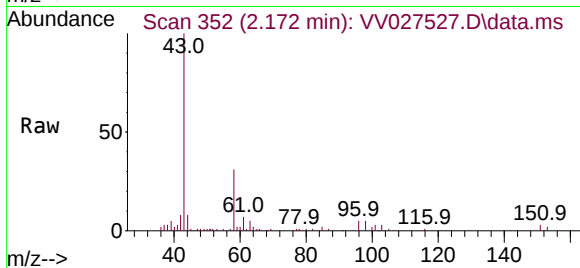
ClientSampleId :

Tgt Ion: 43 Resp: 54058

Ion Ratio Lower Upper

43 100

58 30.5 0.0 62.2



#14

Carbon disulfide

Concen: 3.880 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

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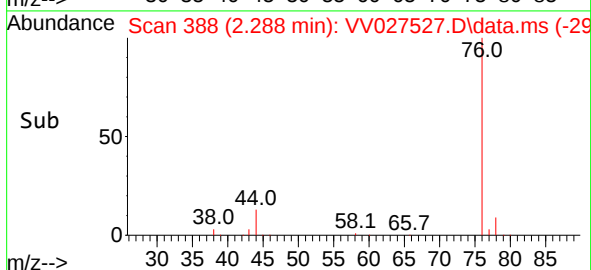
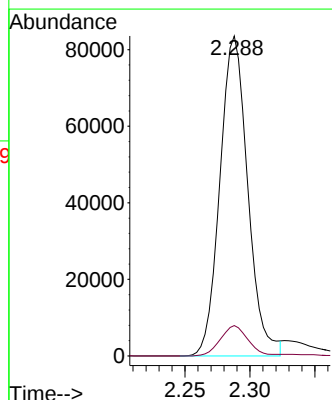
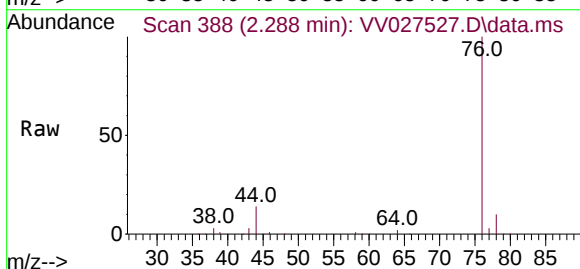
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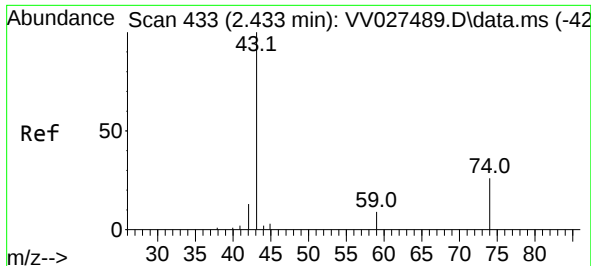
Tgt Ion: 76 Resp: 124638

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

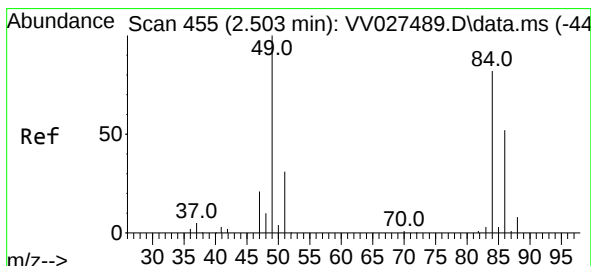
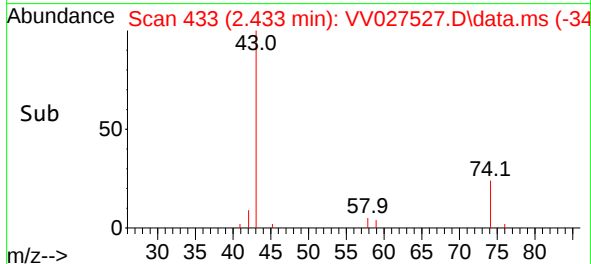
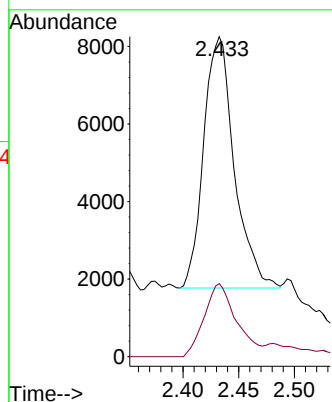
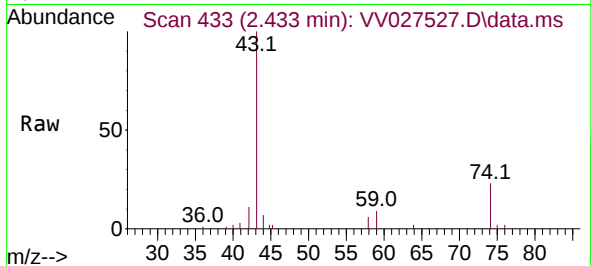




#15
Methyl Acetate
Concen: 3.421 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

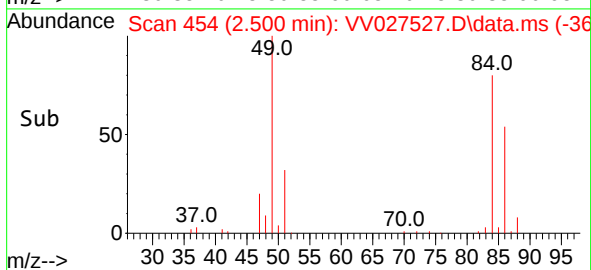
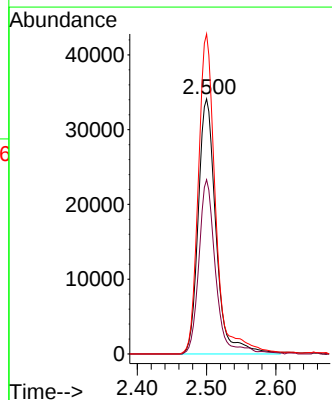
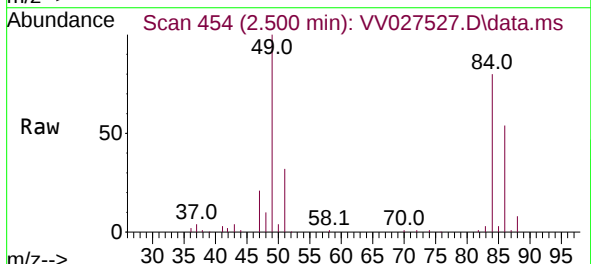
Instrument :
MSVOA_V
ClientSampleId :

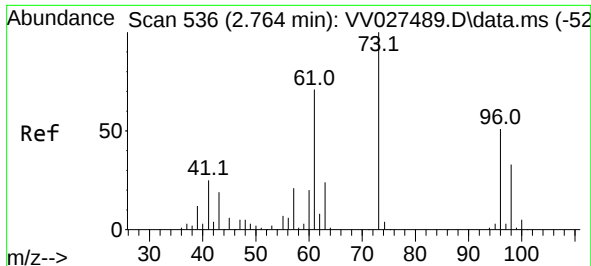
Tgt Ion: 43 Resp: 12396
Ion Ratio Lower Upper
43 100
74 30.6 16.3 24.5#



#16
Methylene chloride
Concen: 3.447 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

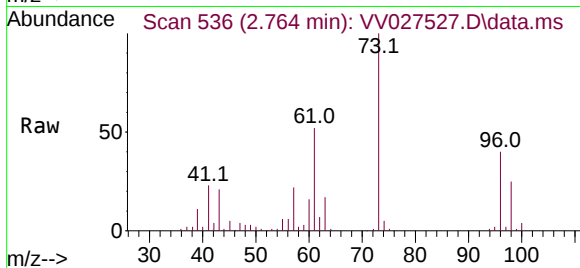
Tgt Ion: 84 Resp: 60819
Ion Ratio Lower Upper
84 100
86 68.3 44.0 81.6
49 125.4 89.4 166.0



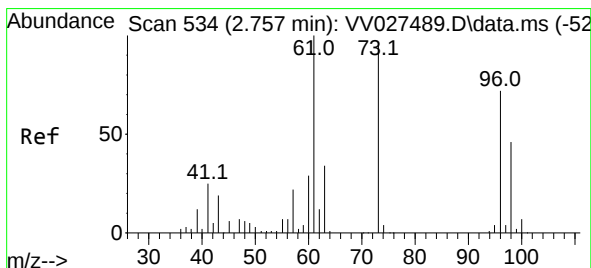
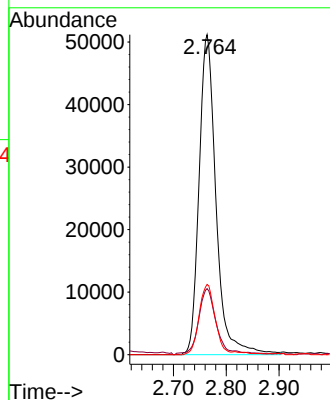
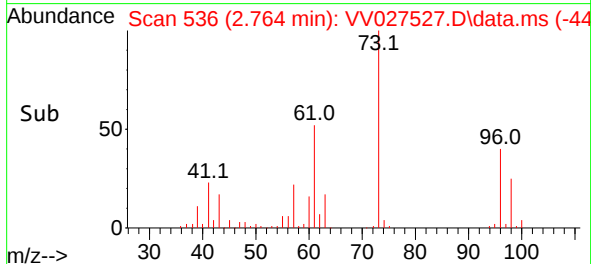


#17
Methyl tert-butyl Ether
Concen: 4.707 ug/L
RT: 2.764 min Scan# 511
Delta R.T. -0.007 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :

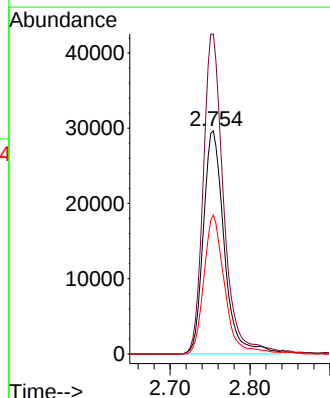
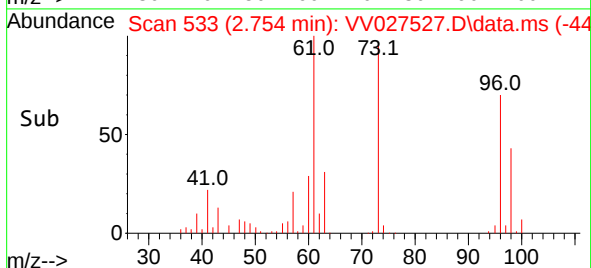
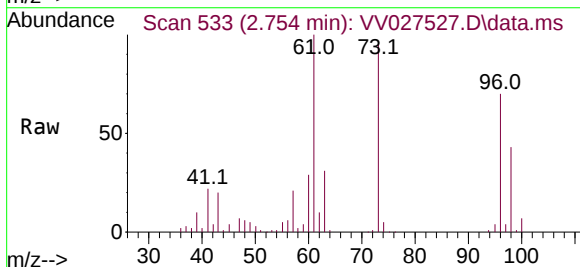


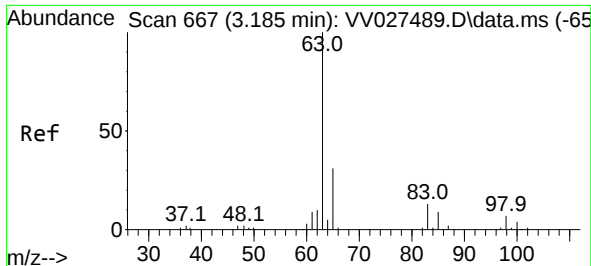
Tgt Ion: 73 Resp: 113989
Ion Ratio Lower Upper
73 100
43 21.3 15.6 23.4
57 20.6 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.469 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion: 96 Resp: 53890
Ion Ratio Lower Upper
96 100
61 143.5 97.6 181.4
98 62.3 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.348 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

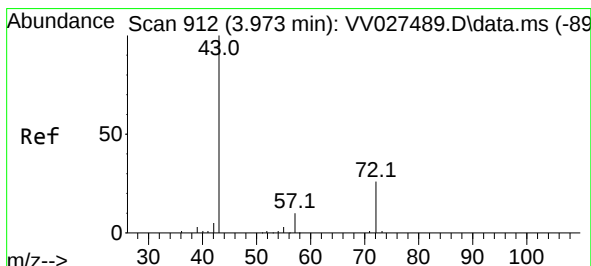
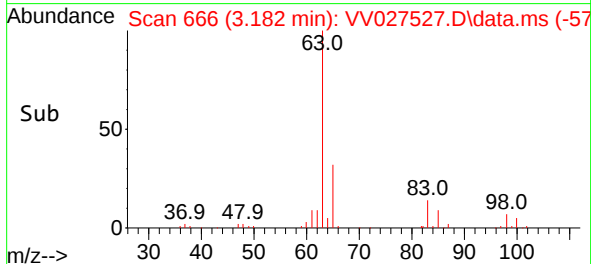
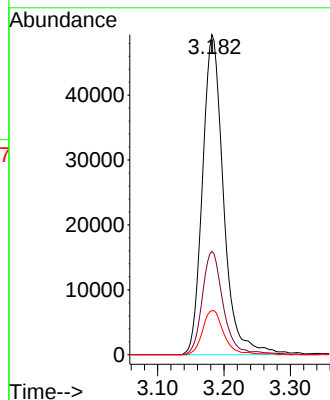
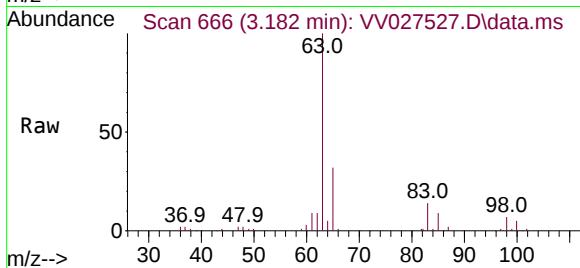
Tgt Ion: 63 Resp: 108545

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 44.694 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.010 min

Lab File: VV027527.D

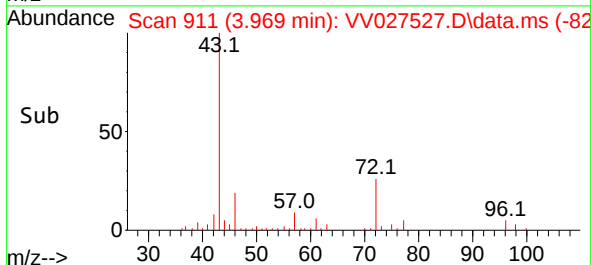
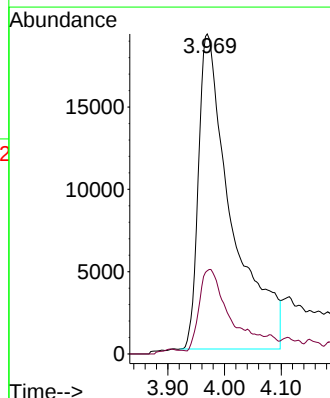
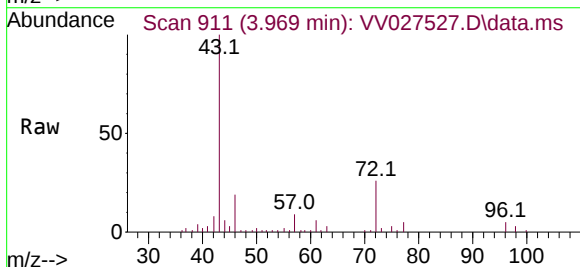
Acq: 26 Aug 2022 10:03

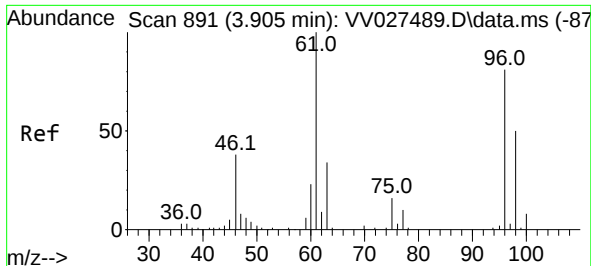
Tgt Ion: 43 Resp: 77830

Ion Ratio Lower Upper

43 100

72 23.5 12.0 36.1





#22

cis-1,2-Dichloroethene

Concen: 4.348 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

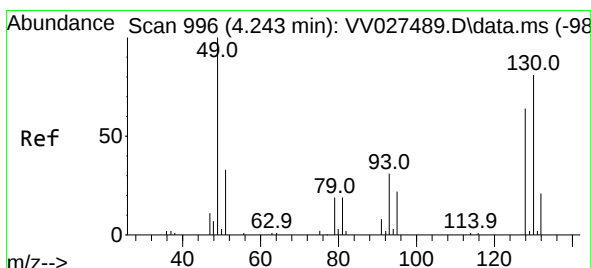
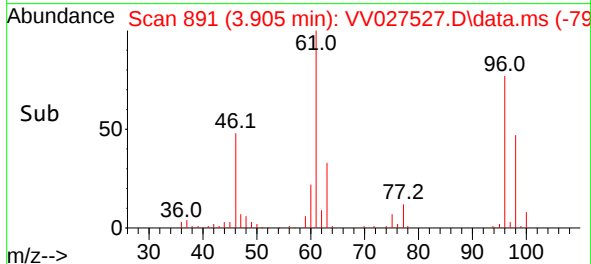
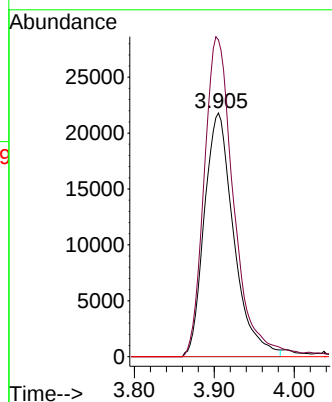
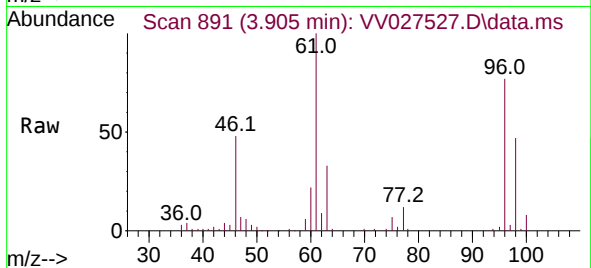
Tgt Ion: 96 Resp: 55875

Ion Ratio Lower Upper

96 100

61 130.1 90.6 168.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.338 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.006 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Tgt Ion:128 Resp: 24581

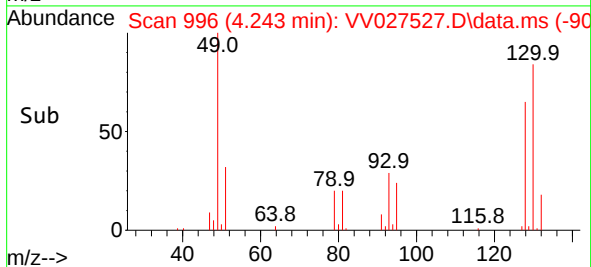
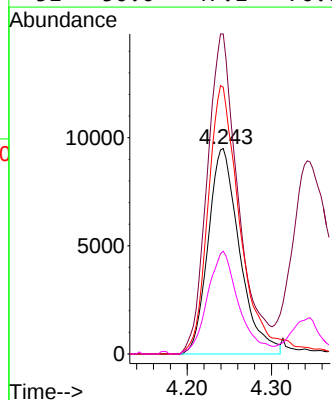
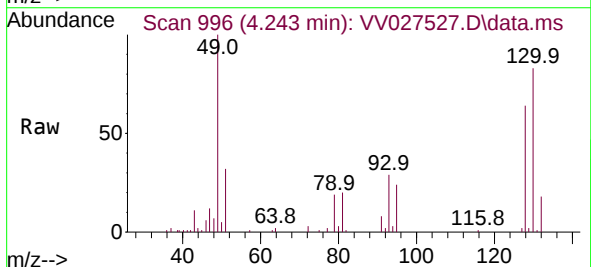
Ion Ratio Lower Upper

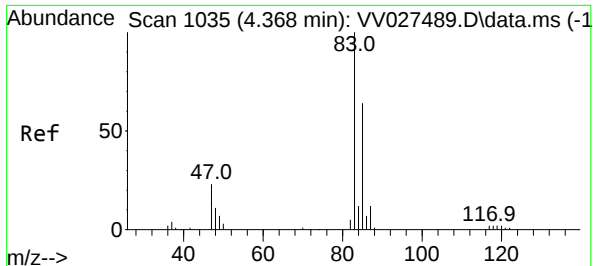
128 100

49 155.8 127.5 236.7

130 129.8 97.0 180.2

51 50.0 47.1 70.7





#25

Chloroform

Concen: 4.422 ug/L

RT: 4.365 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

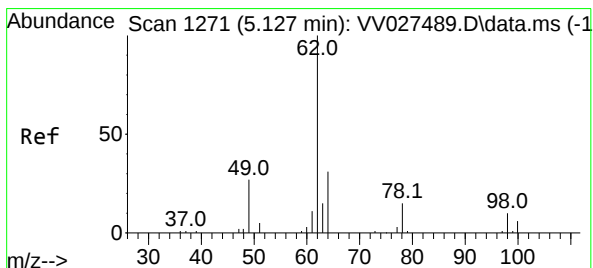
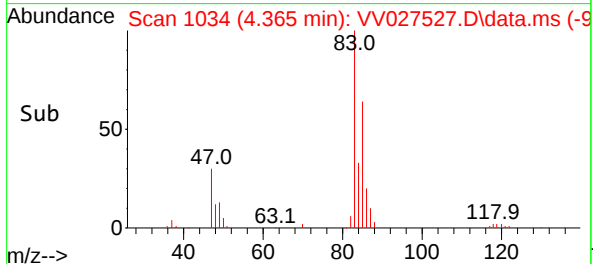
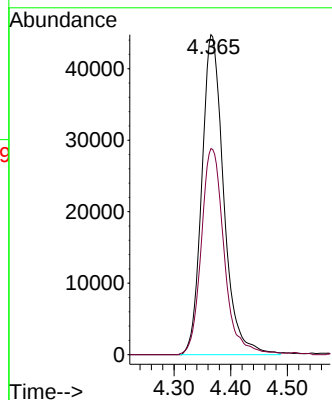
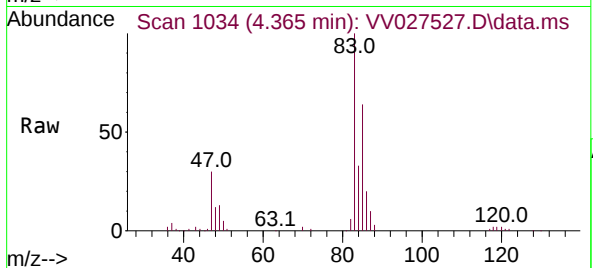
ClientSampleId :

Tgt Ion: 83 Resp: 120036

Ion Ratio Lower Upper

83 100

85 64.4 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.634 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.007 min

Lab File: VV027527.D

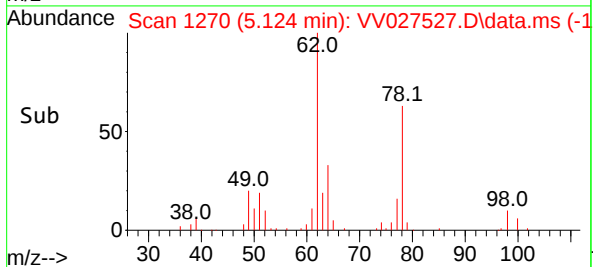
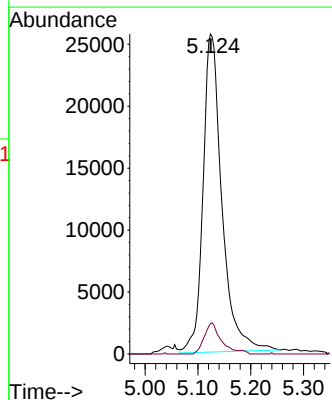
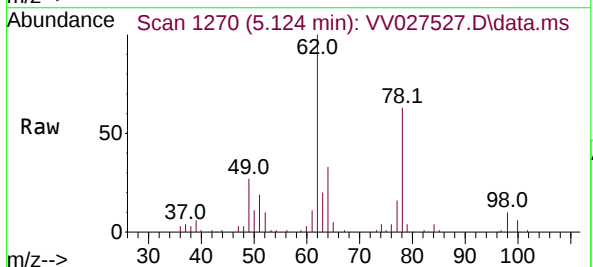
Acq: 26 Aug 2022 10:03

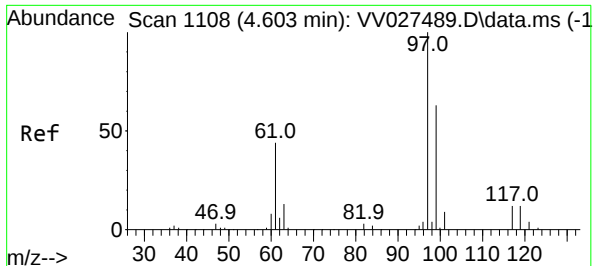
Tgt Ion: 62 Resp: 63918

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.627 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

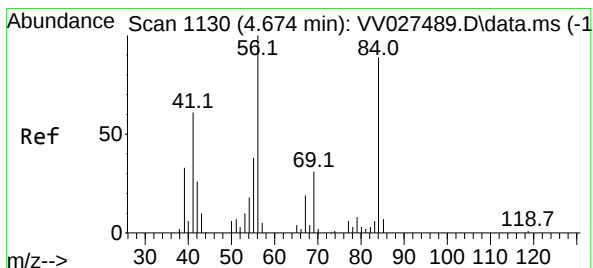
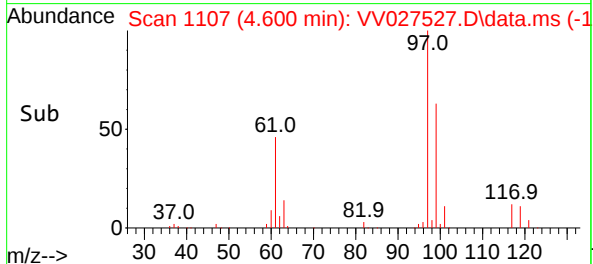
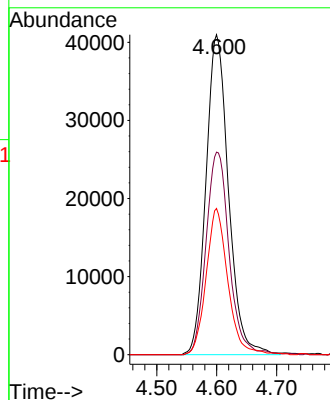
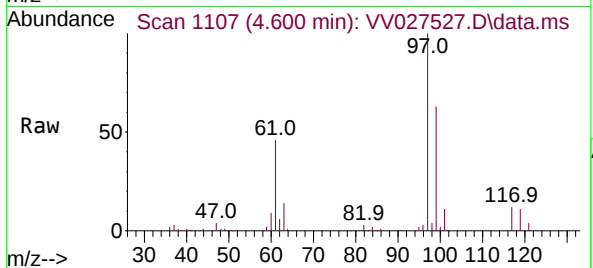
Tgt Ion: 97 Resp: 107173

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 44.2 35.9 53.9



#30

Cyclohexane

Concen: 4.269 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

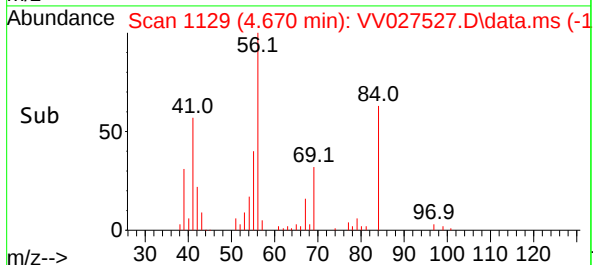
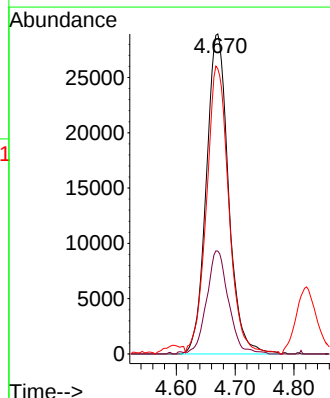
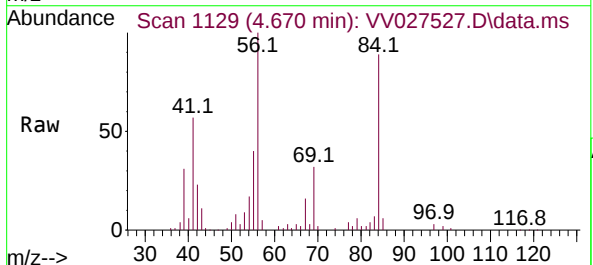
Tgt Ion: 56 Resp: 75901

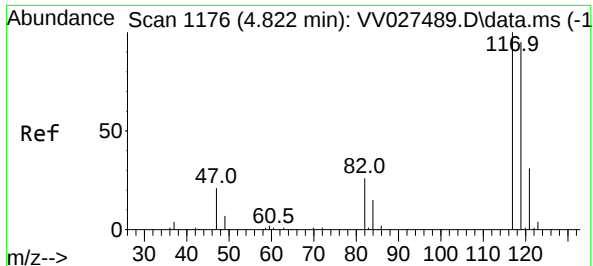
Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 90.4 69.7 104.5

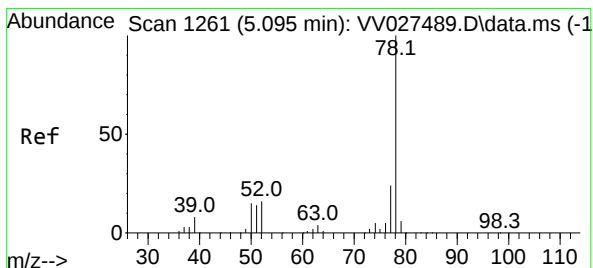
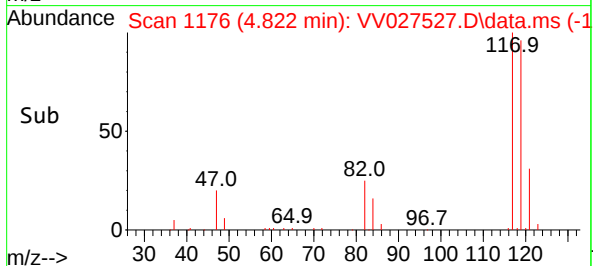
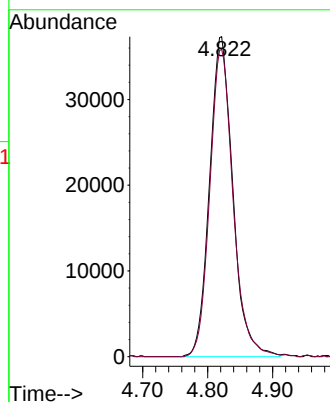
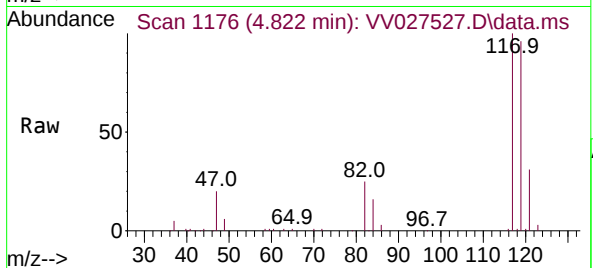




#31
Carbon tetrachloride
Concen: 4.613 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

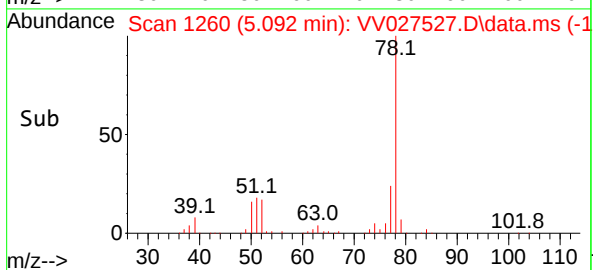
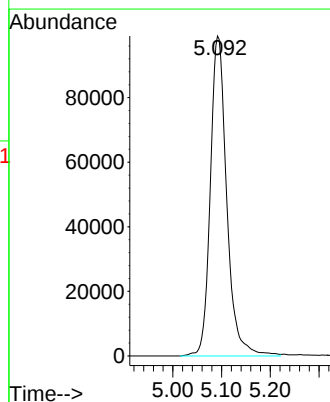
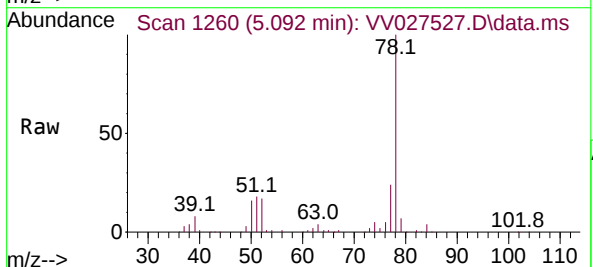
Instrument :
MSVOA_V
ClientSampleId :

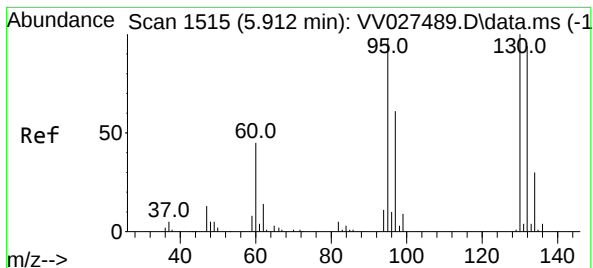
Tgt Ion:117 Resp: 92914
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1



#33
Benzene
Concen: 4.619 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.007 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion: 78 Resp: 231718





#34

Trichloroethene

Concen: 4.380 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 57829

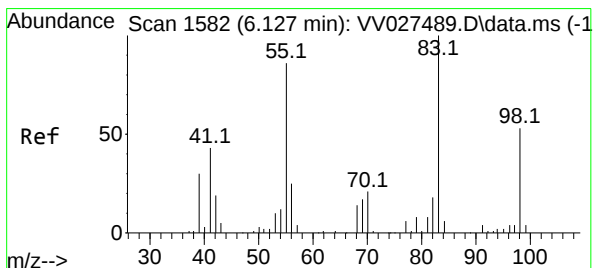
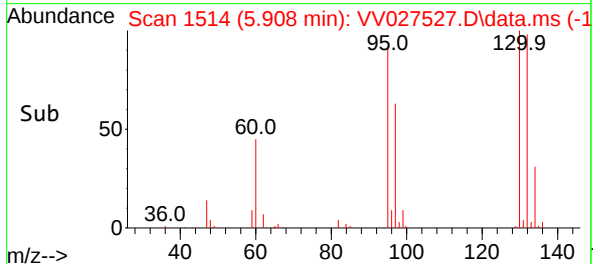
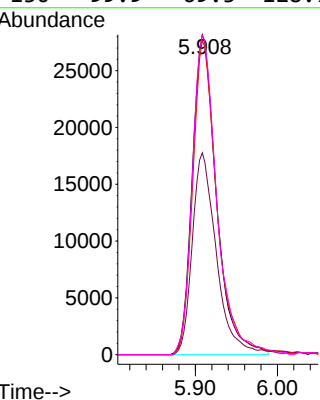
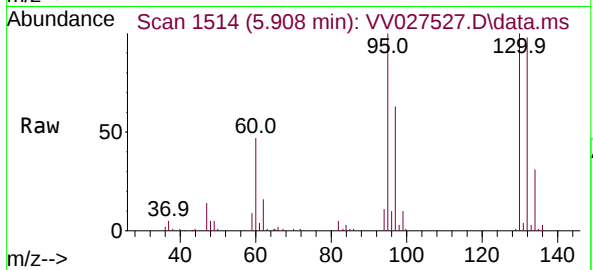
Ion Ratio Lower Upper

95 100

97 63.1 45.0 83.6

132 98.2 65.7 121.9

130 99.9 69.3 128.7



#35

Methylcyclohexane

Concen: 4.454 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

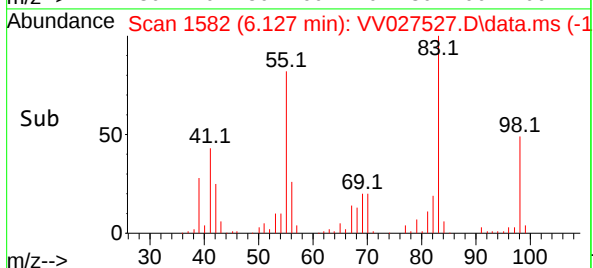
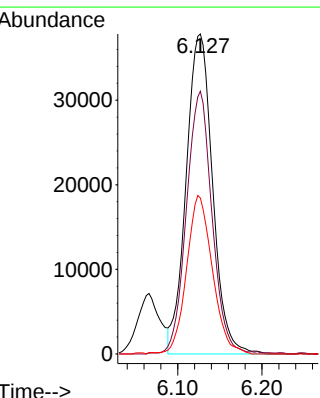
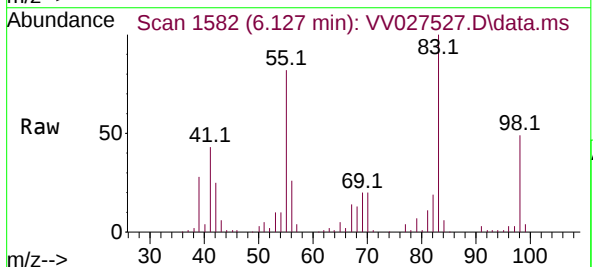
Tgt Ion: 83 Resp: 82698

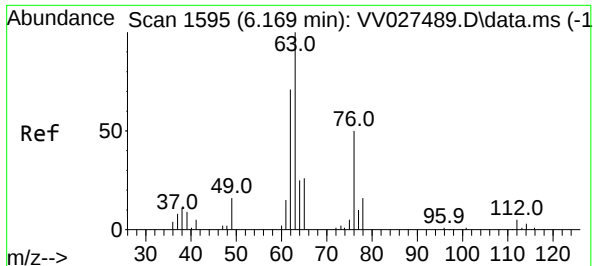
Ion Ratio Lower Upper

83 100

55 79.7 68.2 102.4

98 48.2 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.228 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

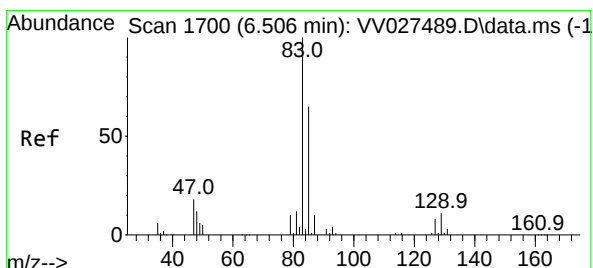
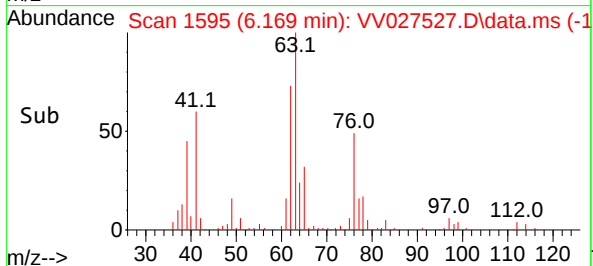
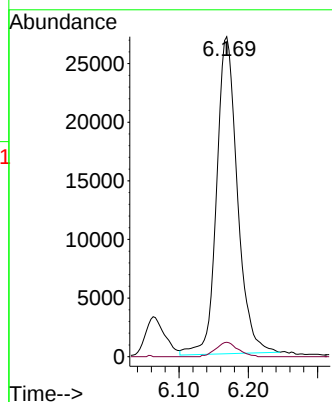
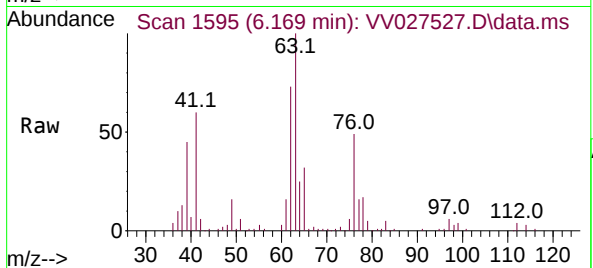
ClientSampleId :

Tgt Ion: 63 Resp: 56555

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 4.546 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

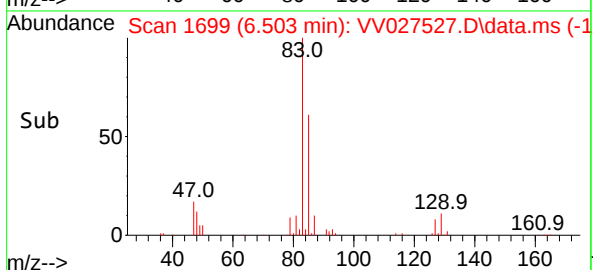
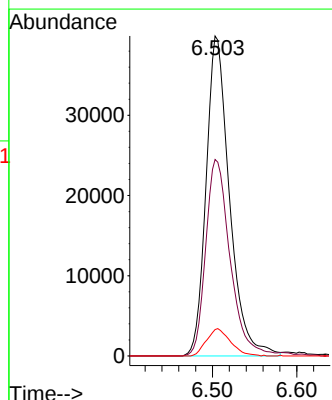
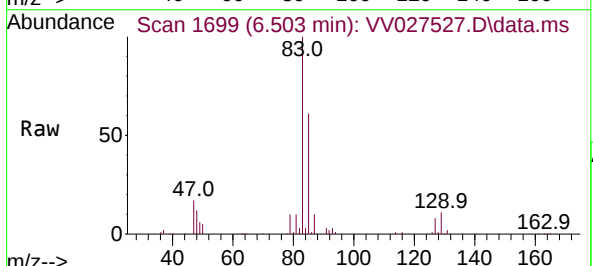
Tgt Ion: 83 Resp: 77089

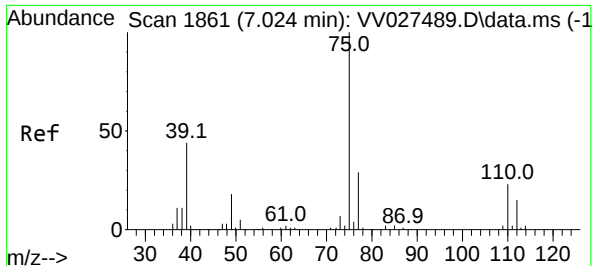
Ion Ratio Lower Upper

83 100

85 61.4 45.3 84.1

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.425 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

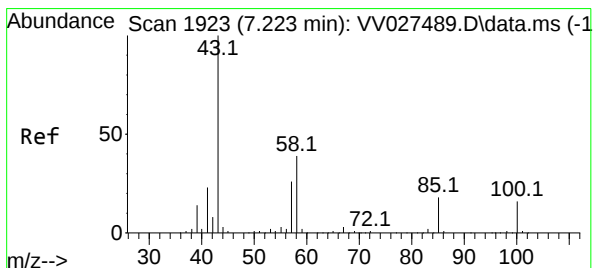
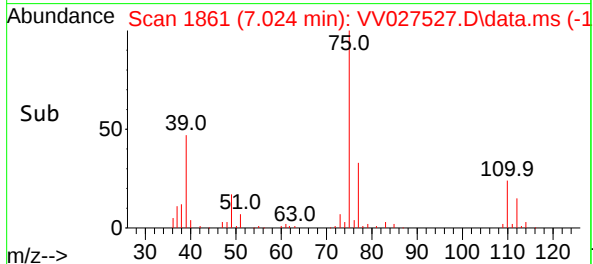
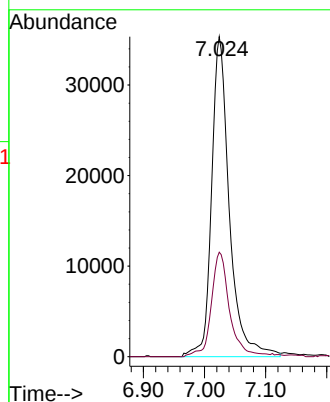
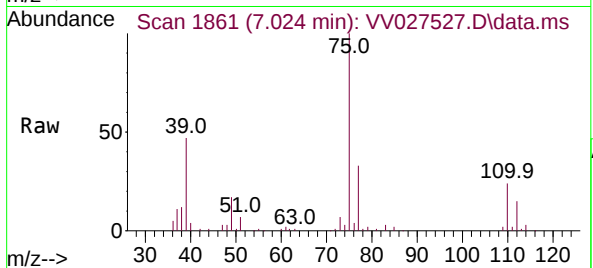
ClientSampleId :

Tgt Ion: 75 Resp: 71364

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 44.962 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

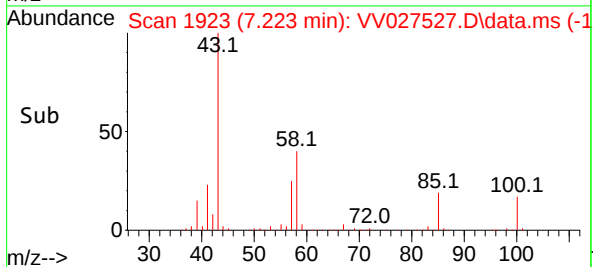
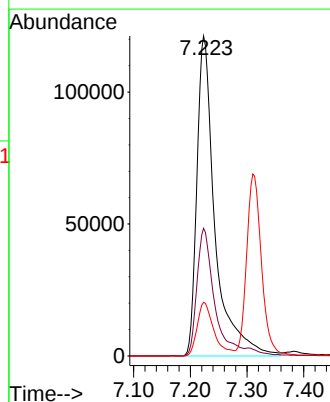
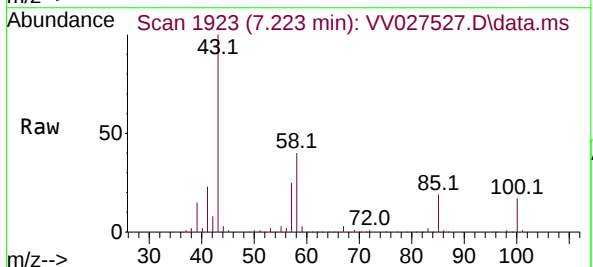
Tgt Ion: 43 Resp: 268694

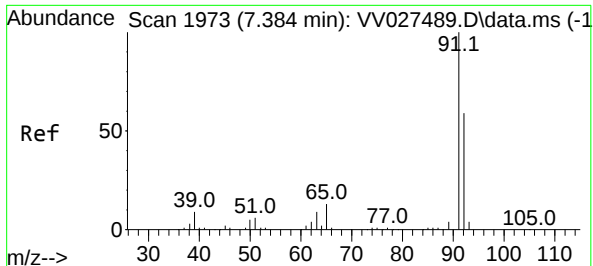
Ion Ratio Lower Upper

43 100

58 38.2 30.6 45.8

100 15.6 11.0 16.4

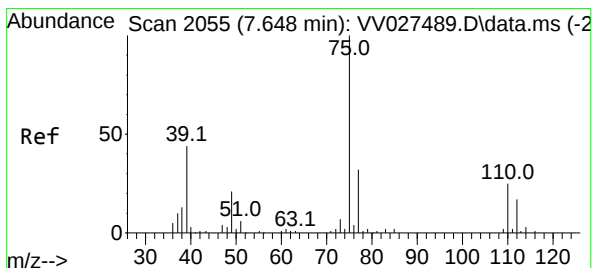
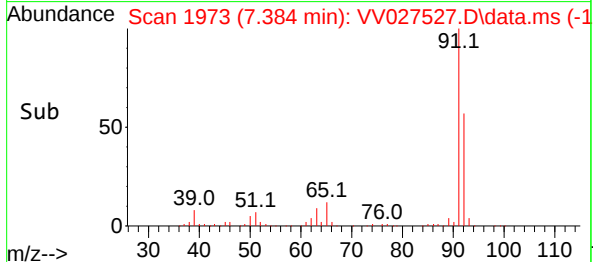
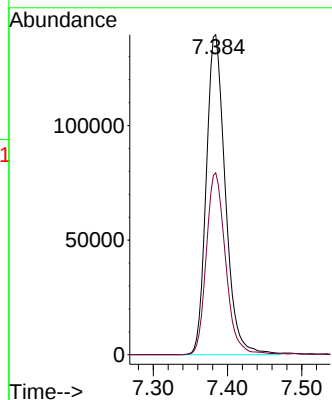
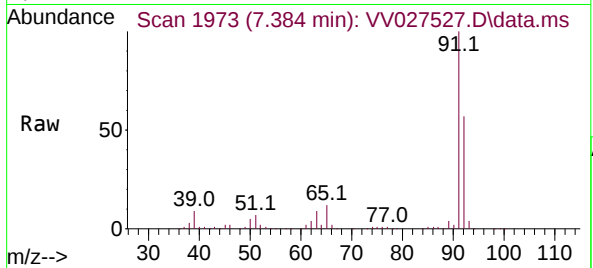




#42
Toluene
Concen: 4.804 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

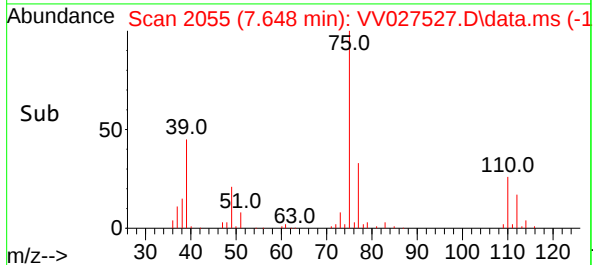
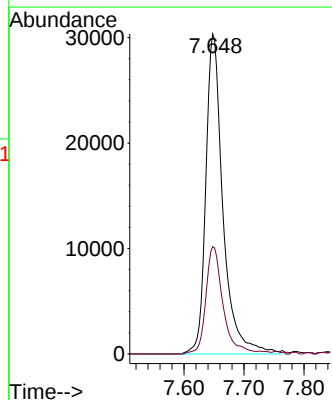
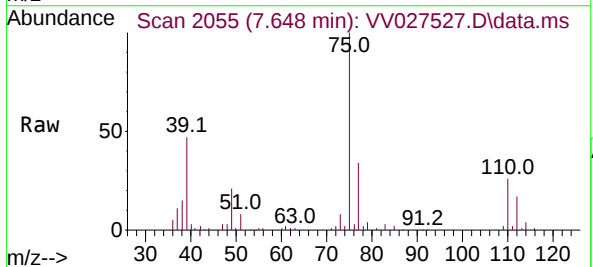
Instrument :
MSVOA_V
ClientSampleId :

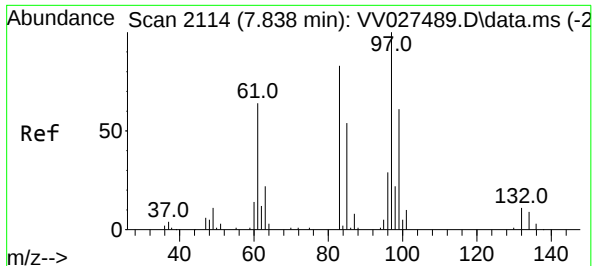
Tgt Ion: 91 Resp: 248770
Ion Ratio Lower Upper
91 100
92 56.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.437 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion: 75 Resp: 60488
Ion Ratio Lower Upper
75 100
77 33.6 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 4.604 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 39366

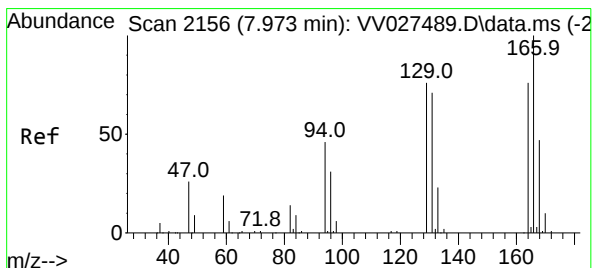
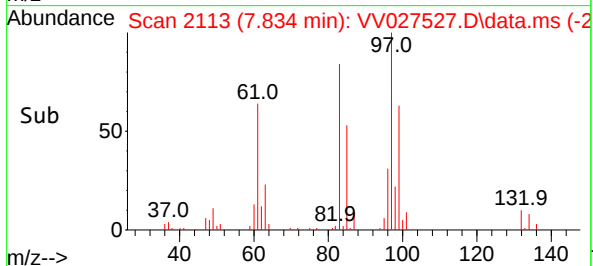
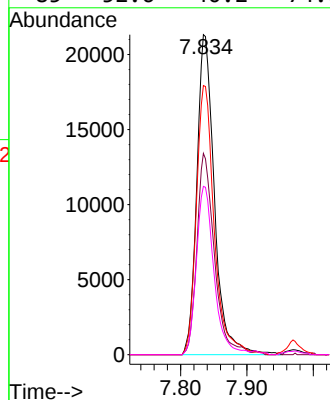
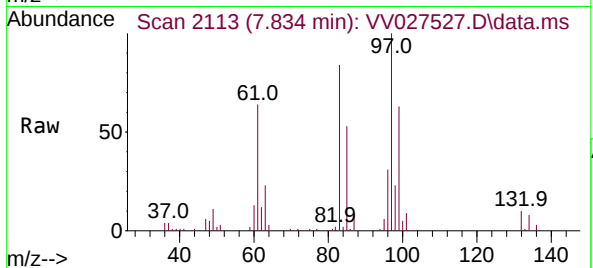
Ion Ratio Lower Upper

97 100

99 62.9 46.1 85.7

83 84.1 63.0 117.0

85 52.6 40.2 74.6



#47

Tetrachloroethene

Concen: 4.541 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Tgt Ion:164 Resp: 46707

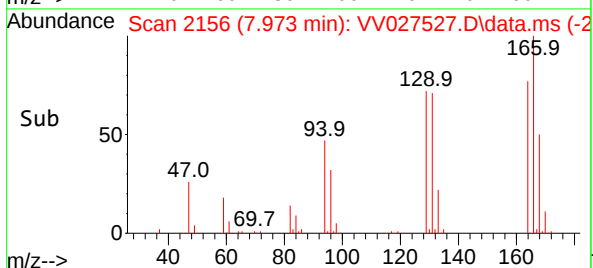
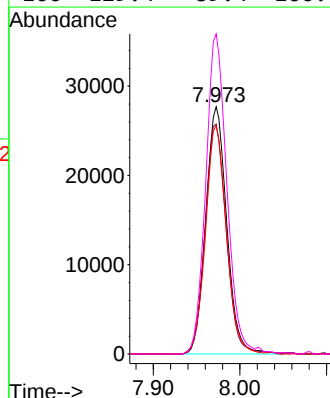
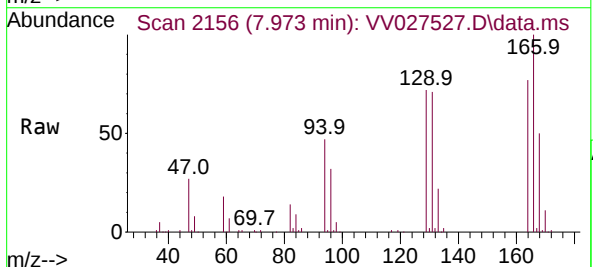
Ion Ratio Lower Upper

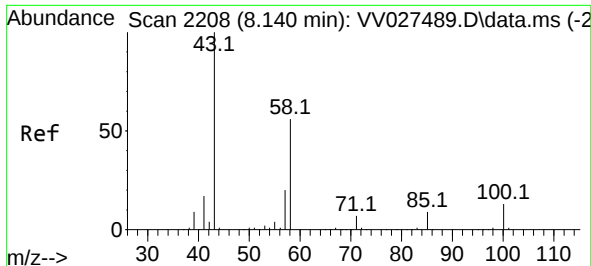
164 100

129 93.0 71.1 132.1

131 92.3 64.5 119.9

166 129.4 89.4 166.0



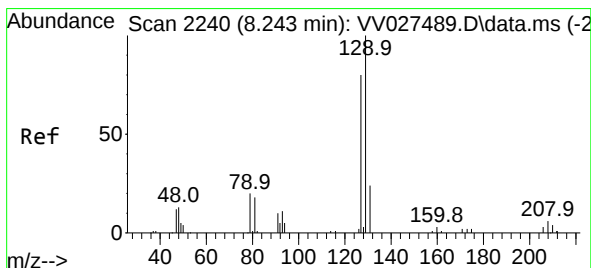
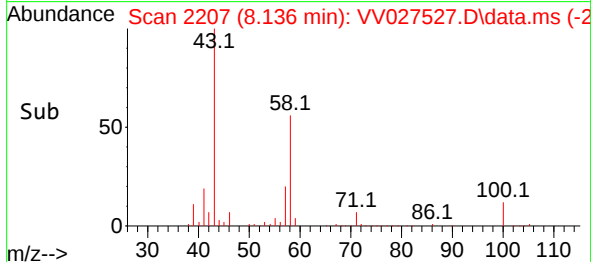
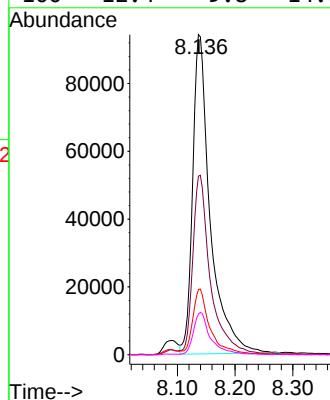
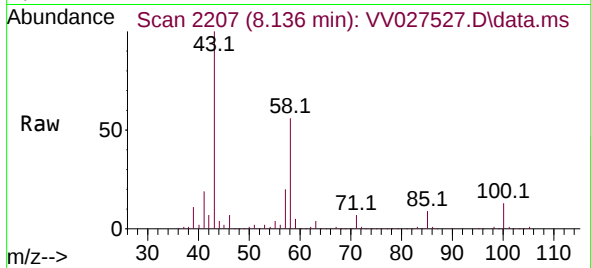


#48
2-Hexanone
Concen: 46.352 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 199599

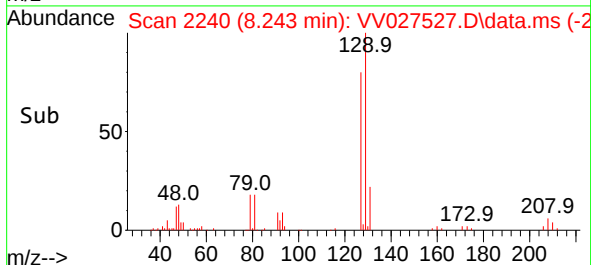
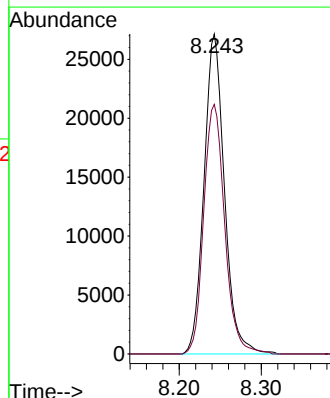
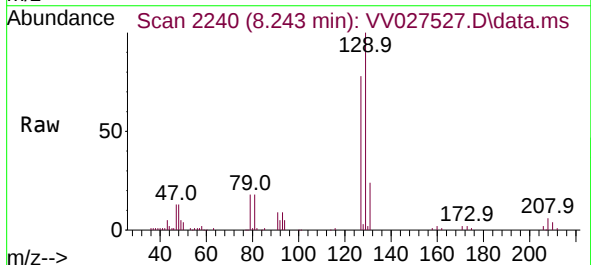
Ion	Ratio	Lower	Upper
43	100		
58	55.2	41.3	61.9
57	19.5	14.9	22.3
100	12.4	9.8	14.6

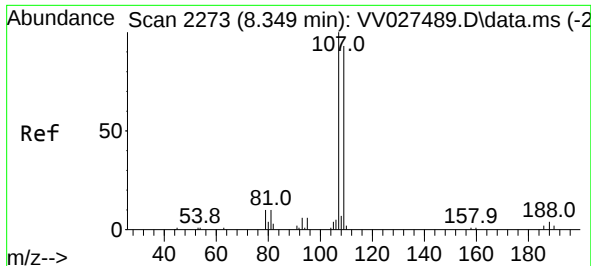


#49
Dibromochloromethane
Concen: 4.466 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion: 129 Resp: 46960

Ion	Ratio	Lower	Upper
129	100		
127	78.0	55.9	103.7





#50

1,2-Dibromoethane

Concen: 4.546 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

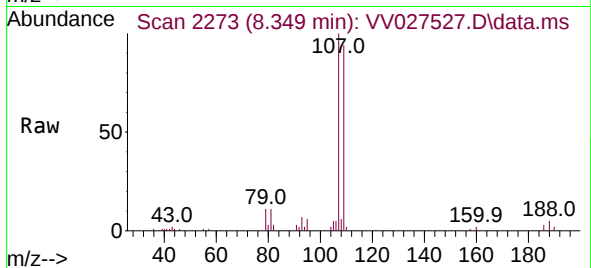
Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :



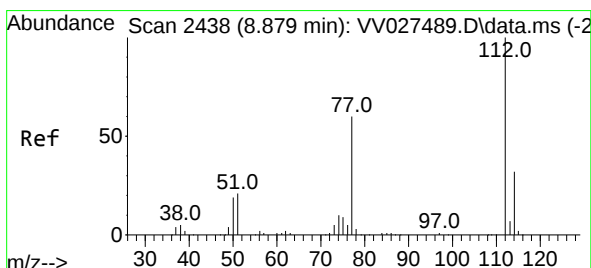
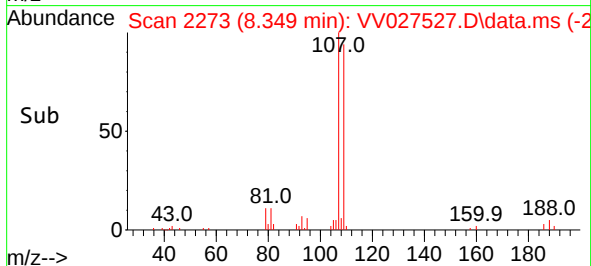
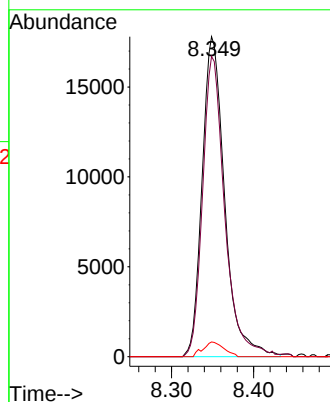
Tgt Ion:107 Resp: 33927

Ion Ratio Lower Upper

107 100

109 93.8 67.8 125.8

188 4.6 3.5 5.3



#51

Chlorobenzene

Concen: 4.598 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

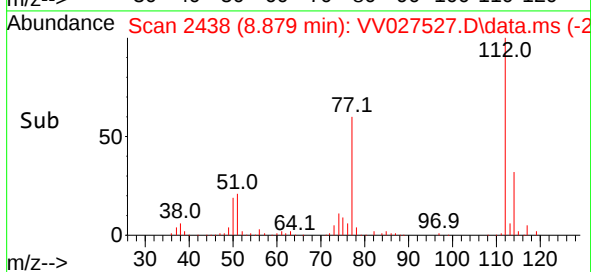
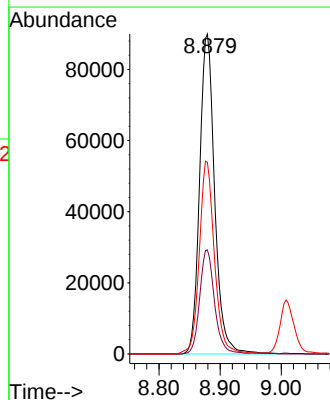
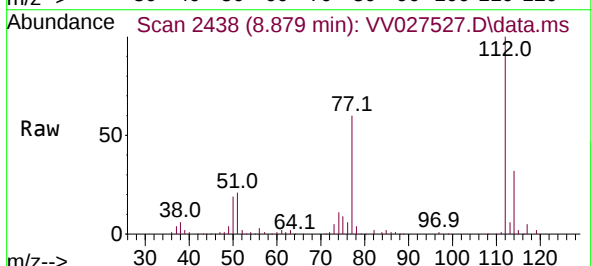
Tgt Ion:112 Resp: 154102

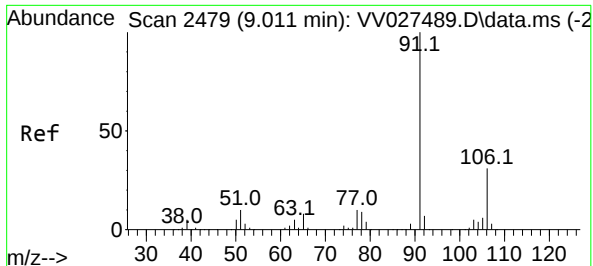
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

77 59.9 46.2 69.4





#52

Ethylbenzene

Concen: 4.768 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

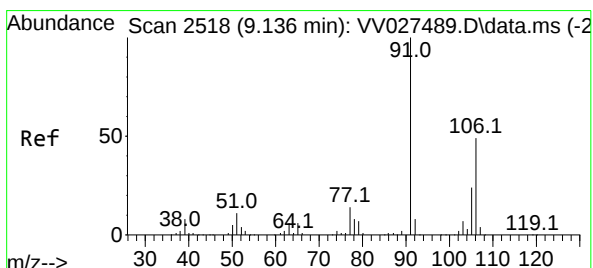
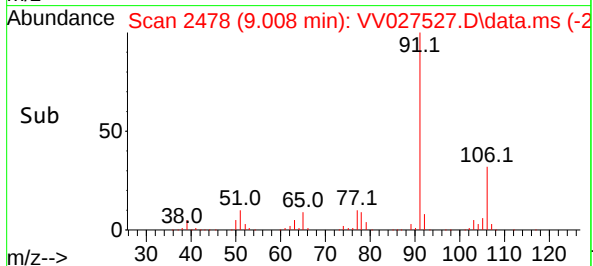
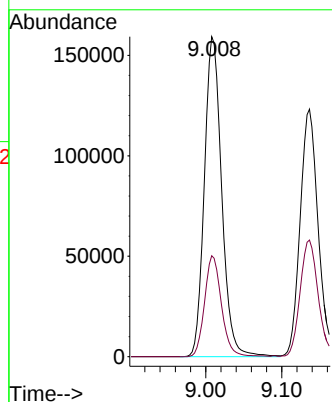
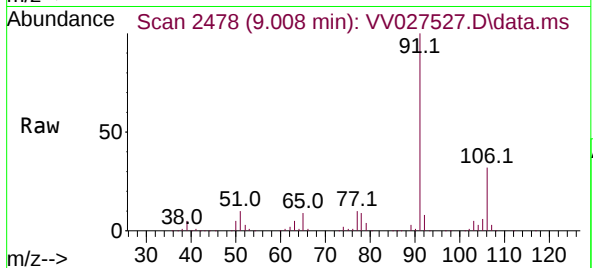
ClientSampleId :

Tgt Ion: 91 Resp: 252013

Ion Ratio Lower Upper

91 100

106 31.6 21.4 39.8



#53

m,p-Xylene

Concen: 4.722 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027527.D

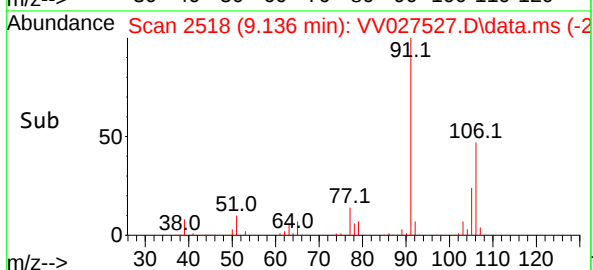
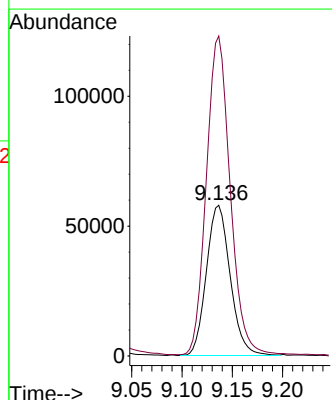
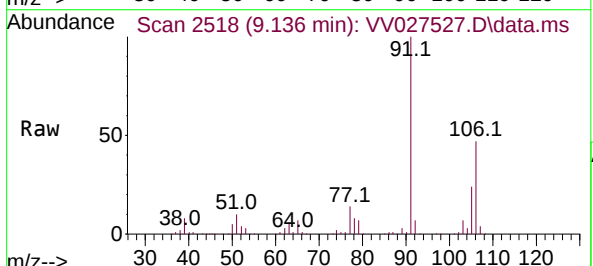
Acq: 26 Aug 2022 10:03

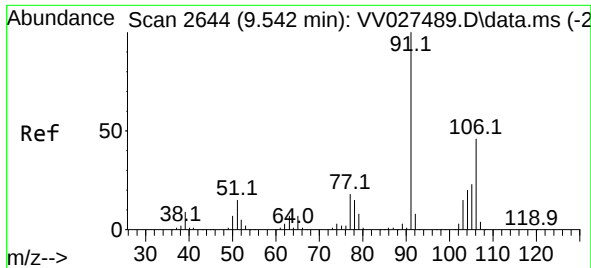
Tgt Ion: 106 Resp: 95517

Ion Ratio Lower Upper

106 100

91 212.3 143.8 267.0

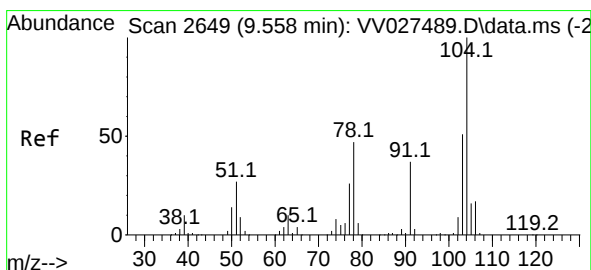
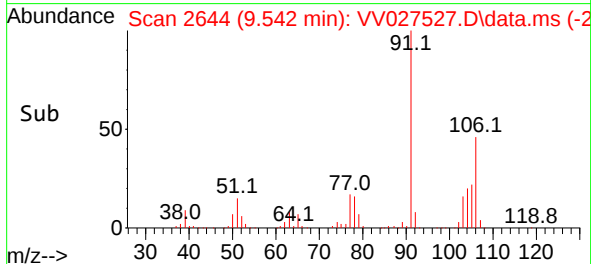
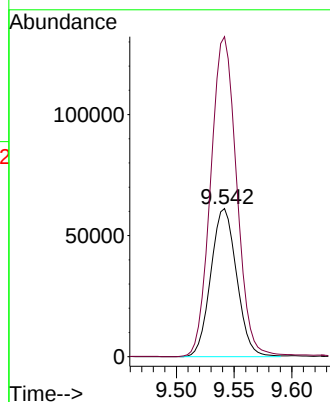
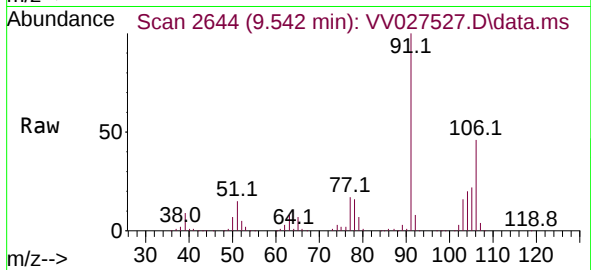




#54
o-Xylene
Concen: 4.855 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

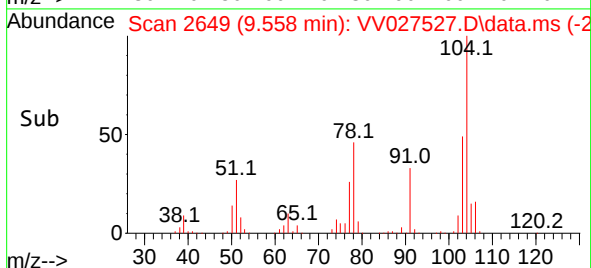
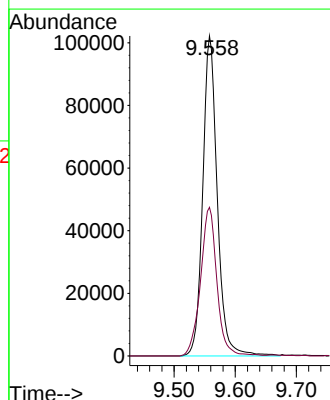
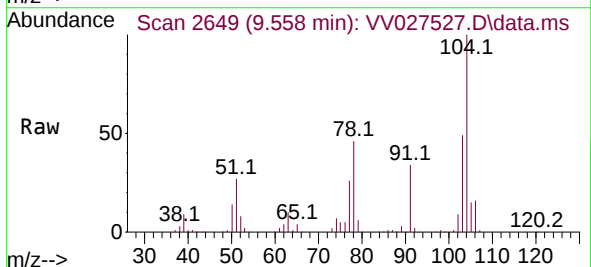
Instrument :
MSVOA_V
ClientSampleId :

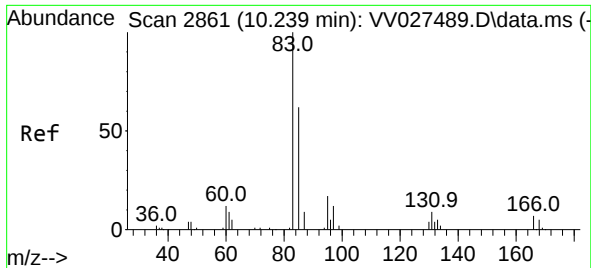
Tgt Ion:106 Resp: 95260
Ion Ratio Lower Upper
106 100
91 215.9 151.6 281.6



#55
Styrene
Concen: 5.056 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion:104 Resp: 168756
Ion Ratio Lower Upper
104 100
78 46.5 32.0 59.4

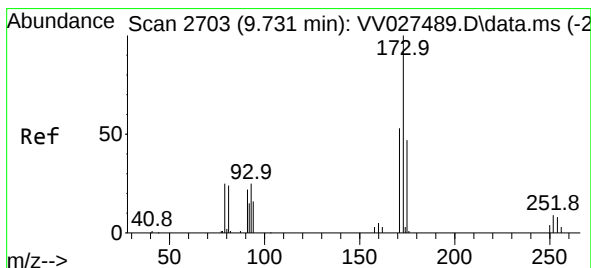
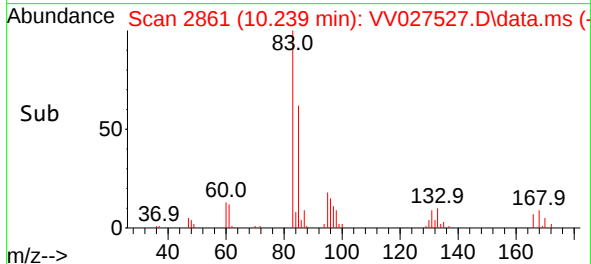
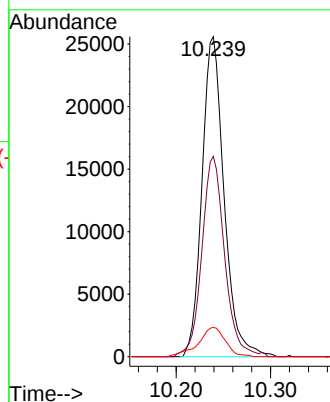
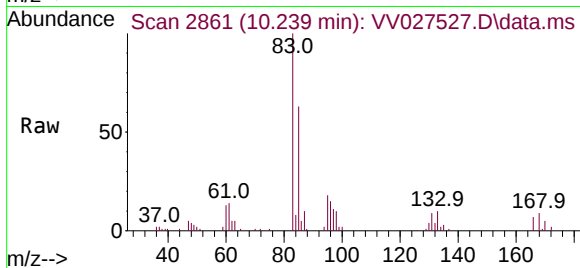




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.311 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

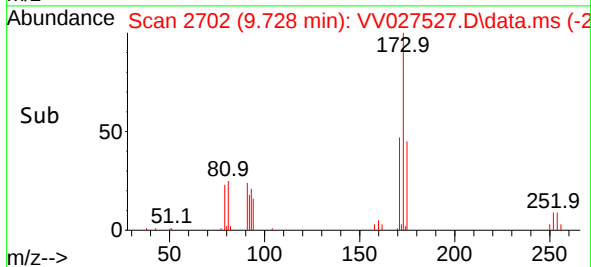
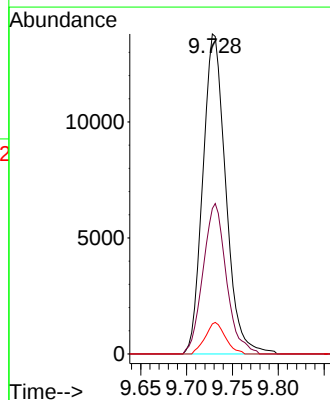
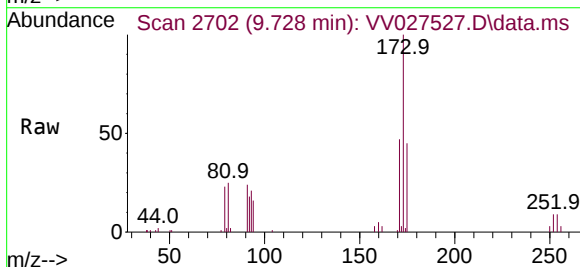
Instrument :
 MSVOA_V
 ClientSampleId :

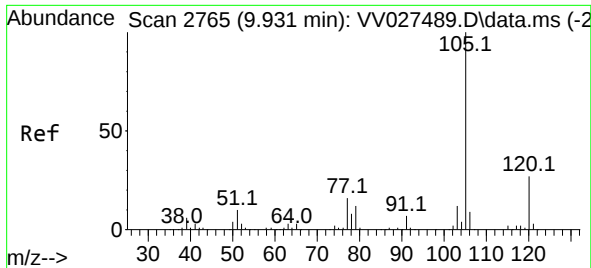
Tgt Ion:	83	Resp:	41524
Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.1	81.9
131	9.2	7.3	10.9



#59
 Bromoform
 Concen: 4.539 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV027527.D
 Acq: 26 Aug 2022 10:03

Tgt Ion:	173	Resp:	23981
Ion	Ratio	Lower	Upper
173	100		
175	47.8	39.0	58.6
254	8.6	7.1	10.7

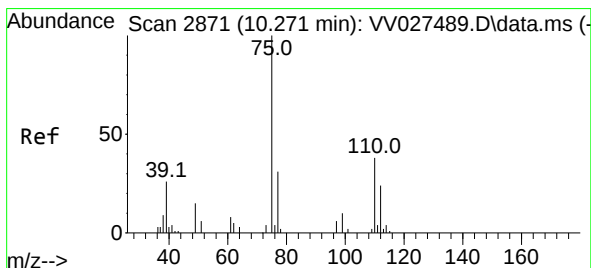
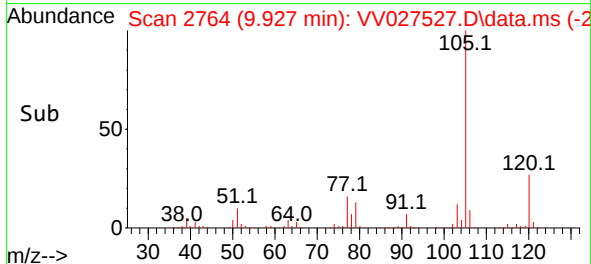
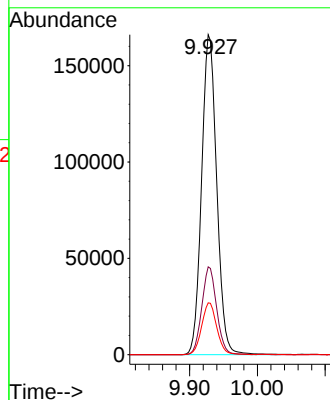
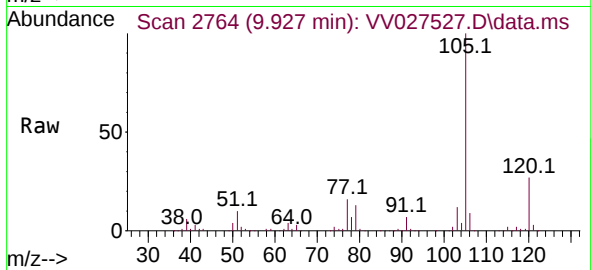




#60
Isopropylbenzene
Concen: 4.957 ug/L
RT: 9.927 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

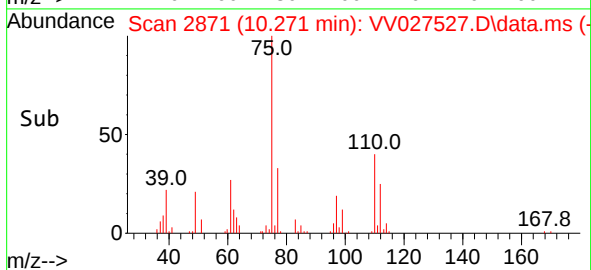
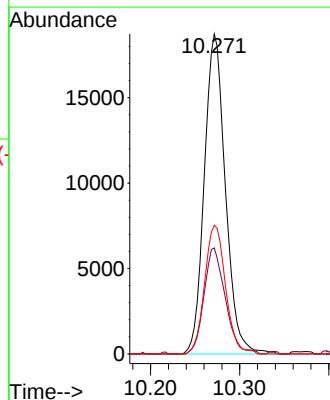
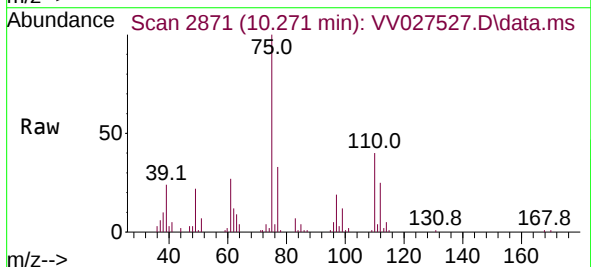
Instrument :
MSVOA_V
ClientSampleId :

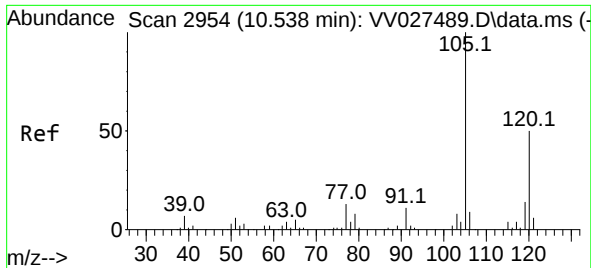
Tgt Ion:105 Resp: 257113
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.454 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion: 75 Resp: 30801
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.2
110 39.7 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.729 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

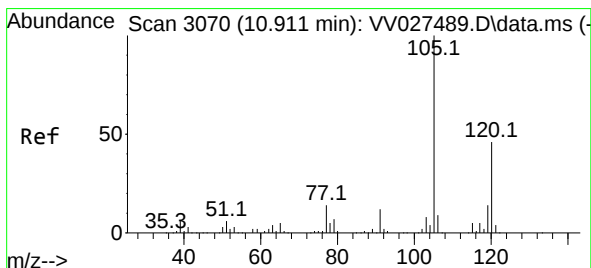
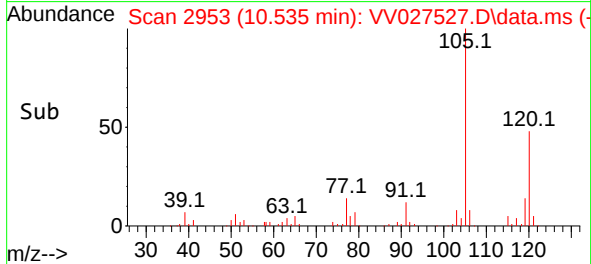
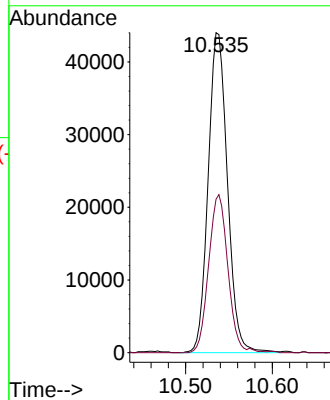
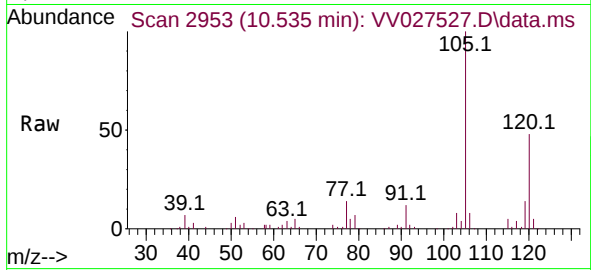
ClientSampleId :

Tgt Ion:105 Resp: 68005

Ion Ratio Lower Upper

105 100

120 49.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.865 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027527.D

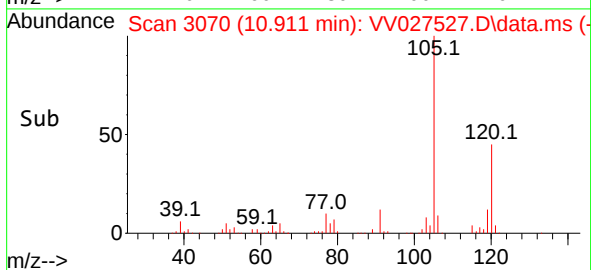
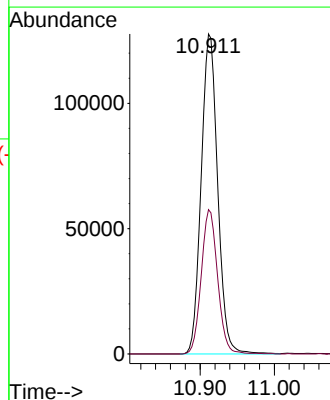
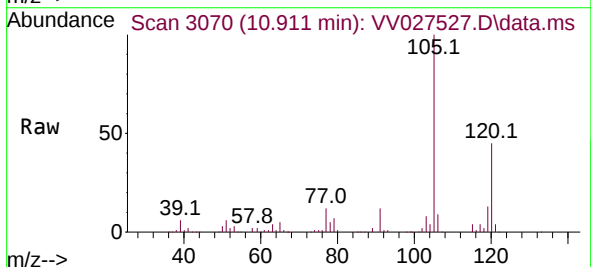
Acq: 26 Aug 2022 10:03

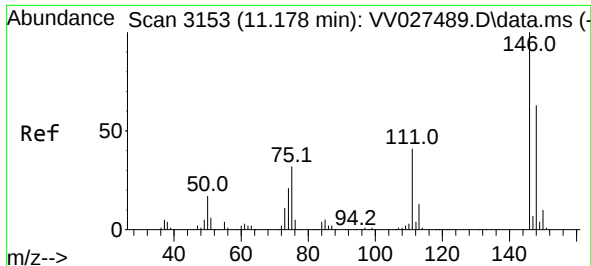
Tgt Ion:105 Resp: 197120

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6

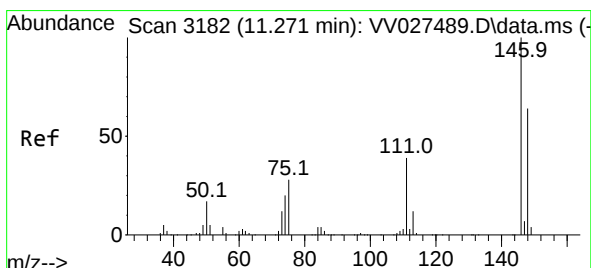
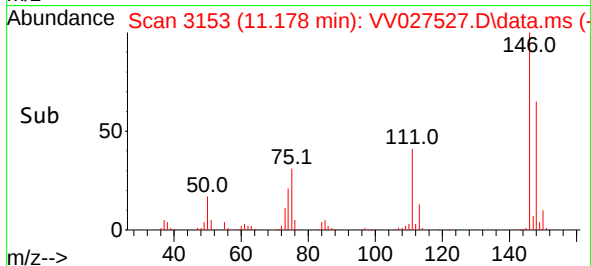
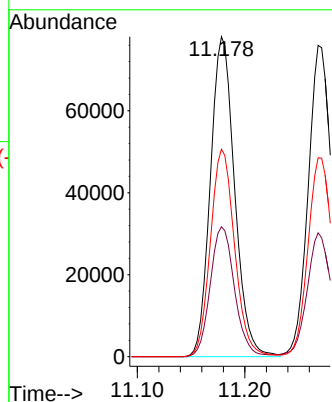
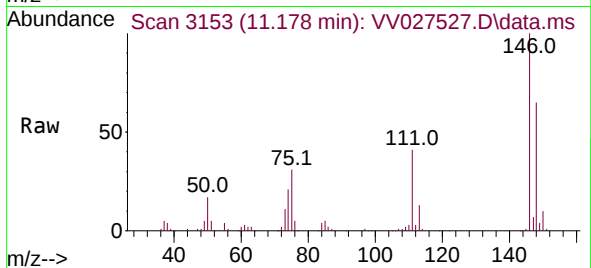




#64
1,3-Dichlorobenzene
Concen: 4.781 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

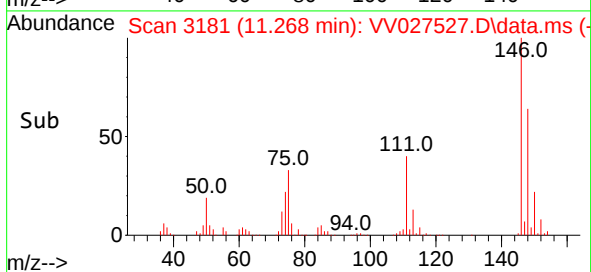
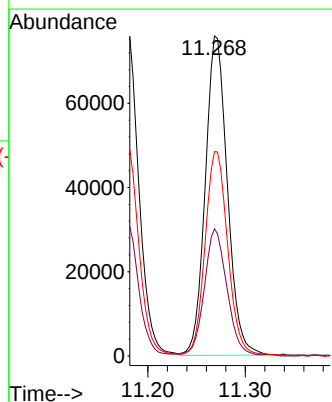
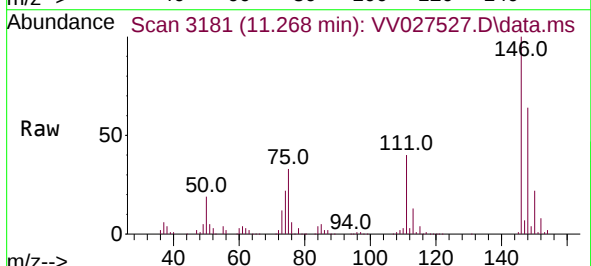
Instrument :
MSVOA_V
ClientSampleId :

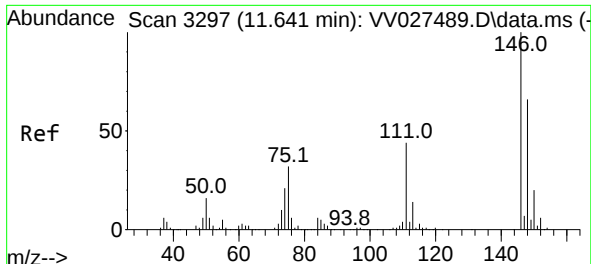
Tgt Ion:146 Resp: 122177
Ion Ratio Lower Upper
146 100
111 40.6 28.8 53.4
148 64.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.696 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027527.D
Acq: 26 Aug 2022 10:03

Tgt Ion:146 Resp: 119641
Ion Ratio Lower Upper
146 100
111 39.8 26.6 49.4
148 63.9 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 4.832 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

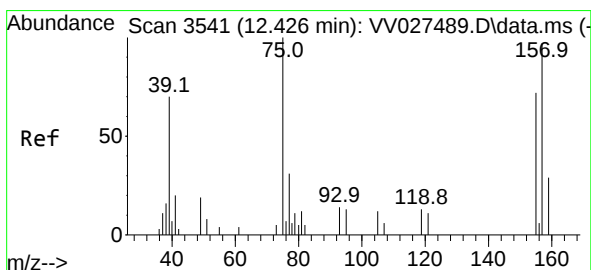
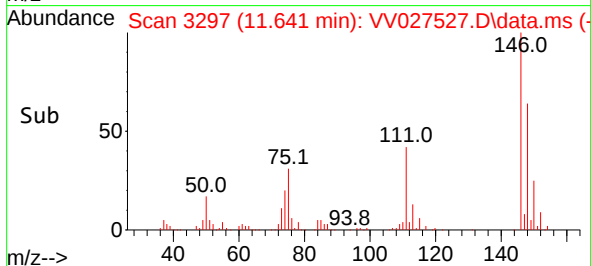
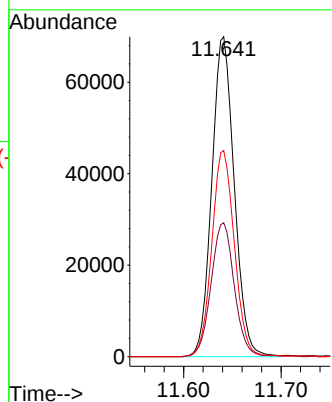
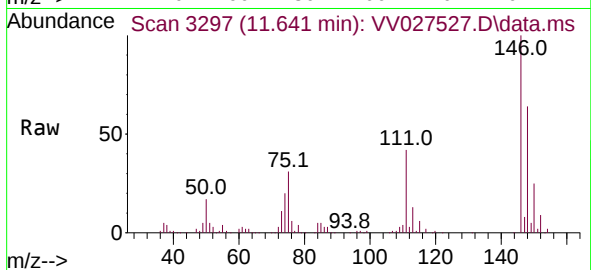
Tgt Ion:146 Resp: 111954

Ion Ratio Lower Upper

146 100

111 41.8 34.5 51.7

148 64.4 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.352 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

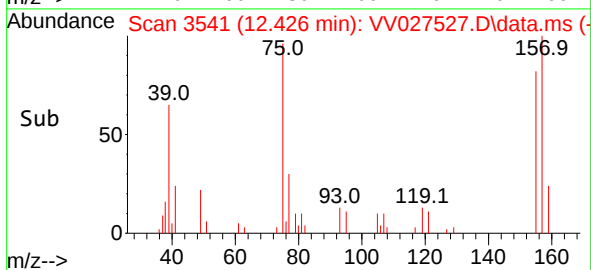
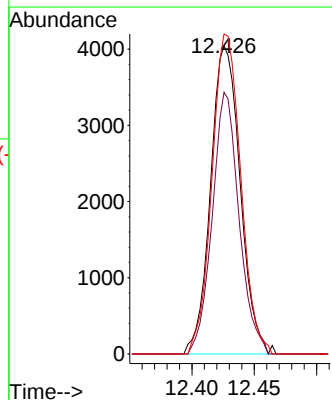
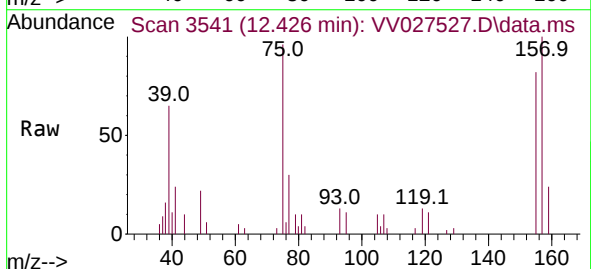
Tgt Ion: 75 Resp: 6686

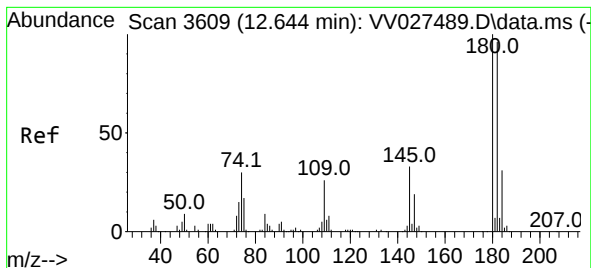
Ion Ratio Lower Upper

75 100

155 84.8 63.1 94.7

157 103.8 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.886 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

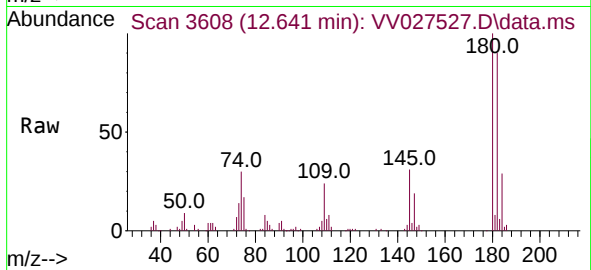
Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 93203

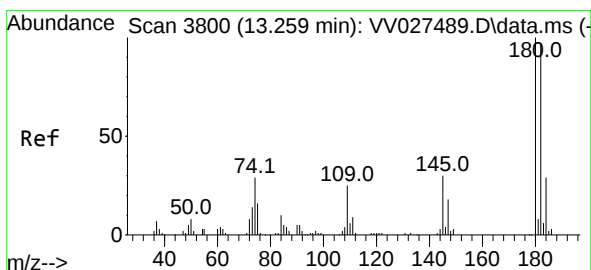
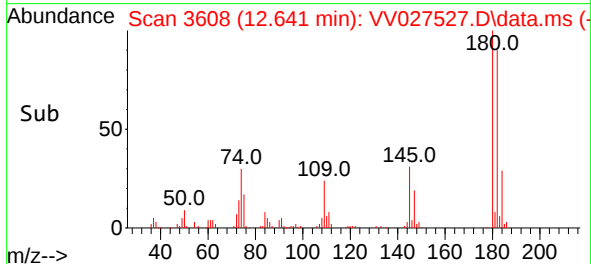
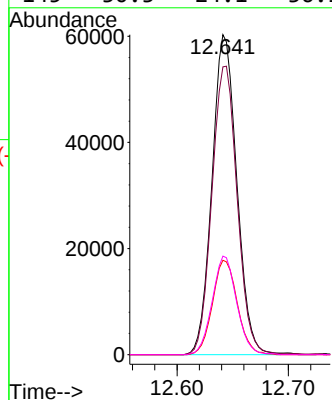
Ion Ratio Lower Upper

180 100

182 92.0 74.1 111.1

184 29.6 23.2 34.8

145 30.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.050 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

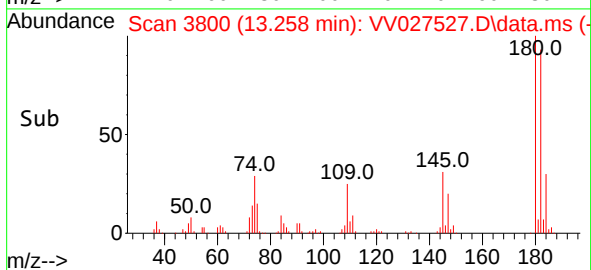
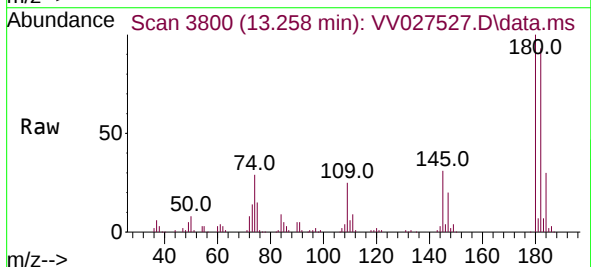
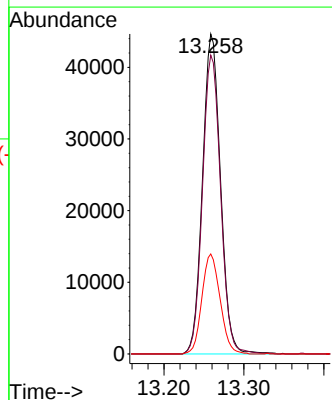
Tgt Ion:180 Resp: 69995

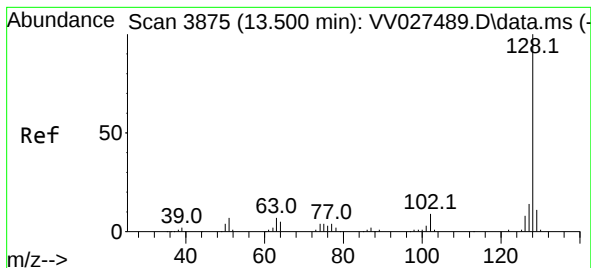
Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

145 31.6 24.9 37.3





#71

Naphthalene

Concen: 4.860 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

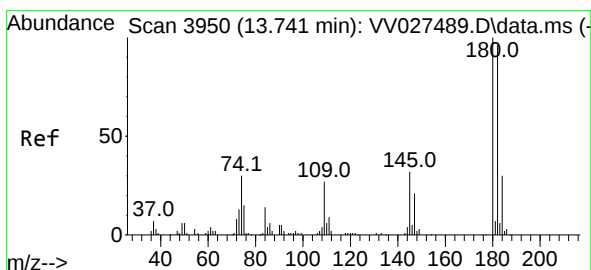
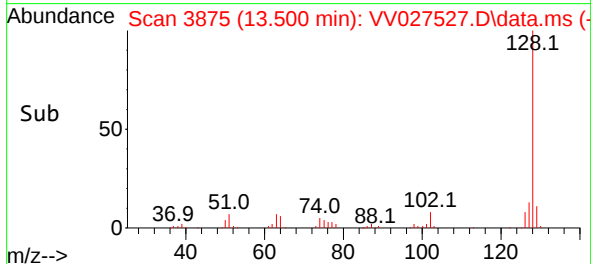
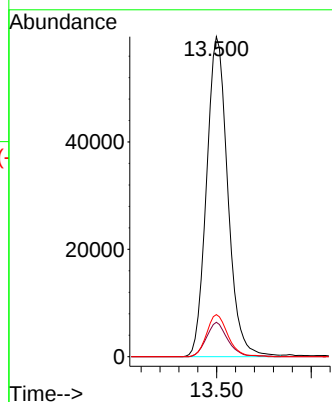
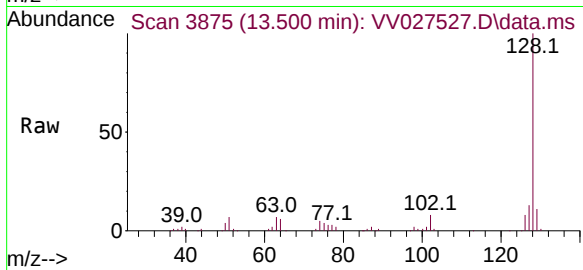
Tgt Ion:128 Resp: 92990

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.940 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027527.D

Acq: 26 Aug 2022 10:03

Tgt Ion:180 Resp: 60820

Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 32.2 26.6 39.8

