

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026801.D
 Acq On : 15 Jul 2022 19:27
 Operator : SY/MD
 Sample : N3739-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B39MS

Quant Time: Jul 16 00:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	239429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	240667	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60484	2.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.400%
7) Chloroethane-d5	1.561	69	64465	3.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.105	63	137965	3.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.905	46	215675	63.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.520%
24) Chloroform-d	4.346	84	162638	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.031	65	73370	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.047	84	269474	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.066	67	94518	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.313	98	229721	3.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.625	79	28542	3.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.092	63	174332	56.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	85614	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	89199	4.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	156871	5.154	ug/L	98
3) Chloromethane	1.236	50	141335	4.839	ug/L	98
5) Vinyl chloride	1.304	62	148015	4.977	ug/L	99
6) Bromomethane	1.516	94	69027	3.878	ug/L	99
8) Chloroethane	1.581	64	91329	5.212	ug/L	95
9) Trichlorofluoromethane	1.748	101	196661	5.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	110647	5.110	ug/L	100
12) 1,1-Dichloroethene	2.111	96	104185	4.963	ug/L	92
13) Acetone	2.198	43	163639	57.051	ug/L #	46
14) Carbon disulfide	2.285	76	313982	5.076	ug/L	99
15) Methyl Acetate	2.439	43	36573	6.305	ug/L	97
16) Methylene chloride	2.500	84	115616	4.623	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	203820	5.635	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	106910	5.541	ug/L	97
19) 1,1-Dichloroethane	3.185	63	199839	5.672	ug/L	97
21) 2-Butanone	3.989	43	210888	63.044	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	105309	5.411	ug/L	94
23) Bromochloromethane	4.243	128	49568	5.529	ug/L	95
25) Chloroform	4.371	83	222581	6.031	ug/L	97

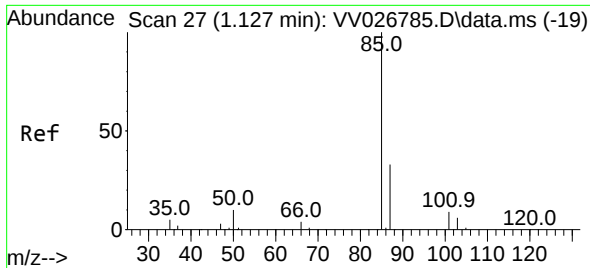
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	108087	5.436	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	173924	5.363	ug/L	100
30) Cyclohexane	4.670	56	143434	5.190	ug/L	100
31) Carbon tetrachloride	4.822	117	149903	5.234	ug/L	97
33) Benzene	5.095	78	437093	5.432	ug/L	100
34) Trichloroethene	5.912	95	106239	5.372	ug/L	96
35) Methylcyclohexane	6.127	83	151776	5.029	ug/L	98
37) 1,2-Dichloropropane	6.172	63	110293	5.733	ug/L	98
38) Bromodichloromethane	6.506	83	136224	5.431	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	123595	5.169	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	523506	58.905	ug/L	99
42) Toluene	7.384	91	459310	5.652	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	108355	5.519	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	77813	5.533	ug/L	97
47) Tetrachloroethene	7.973	164	82595	5.325	ug/L	99
48) 2-Hexanone	8.140	43	391474	60.862	ug/L	99
49) Dibromochloromethane	8.246	129	87494	5.398	ug/L	99
50) 1,2-Dibromoethane	8.352	107	69624	5.595	ug/L	95
51) Chlorobenzene	8.879	112	278929	5.429	ug/L	99
52) Ethylbenzene	9.011	91	423763	5.270	ug/L	99
53) m,p-Xylene	9.136	106	167840	5.367	ug/L	96
54) o-Xylene	9.542	106	158407	5.330	ug/L	100
55) Styrene	9.558	104	286528	5.502	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	90971	5.464	ug/L	98
59) Bromoform	9.731	173	42700	5.245	ug/L	98
60) Isopropylbenzene	9.931	105	418175	5.285	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	63731	5.447	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	315852	5.017	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	325873	5.097	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	207632	5.356	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	207916	5.274	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	192428	5.315	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12892	5.198	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	139428	5.088	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	103520	4.967	ug/L	99
71) Naphthalene	13.500	128	169032	4.896	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	96666	4.985	ug/L	95

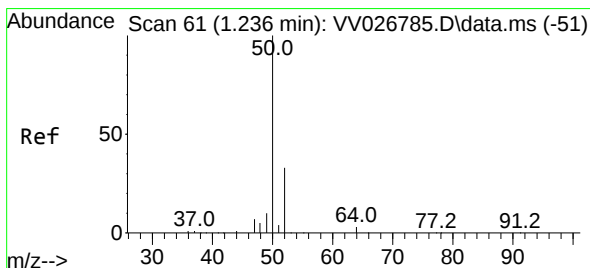
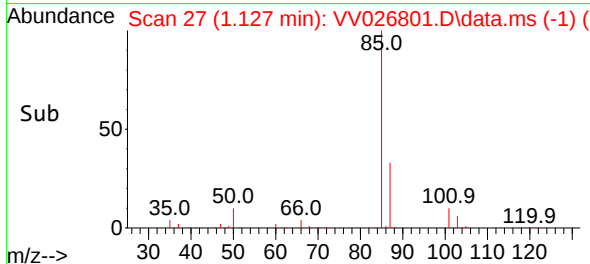
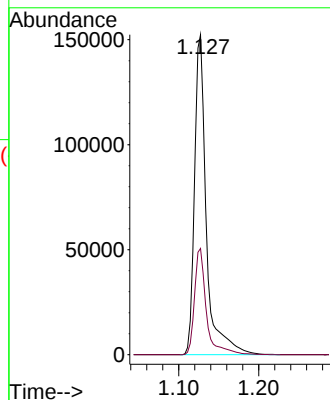
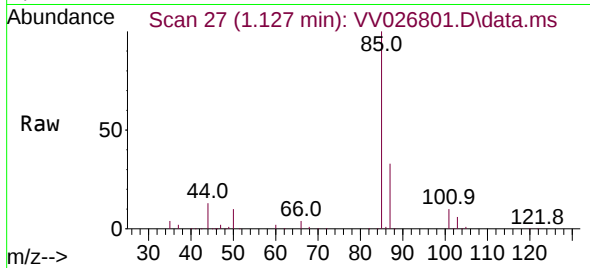
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.154 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

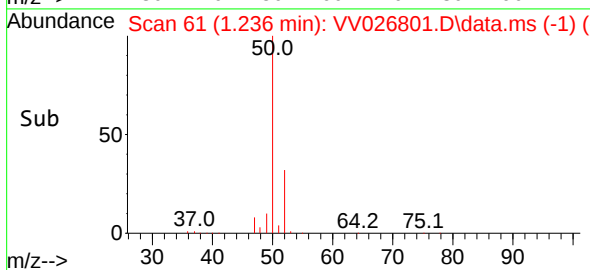
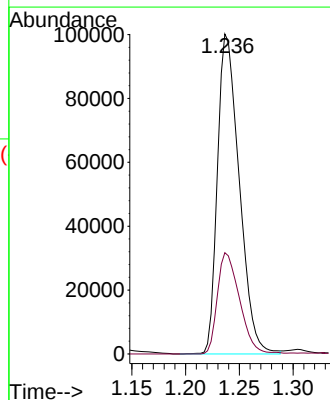
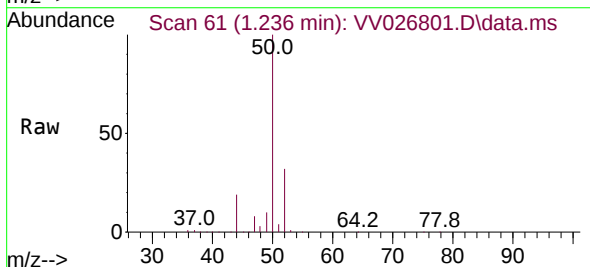
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MSVOA_V
ClientSampleId :
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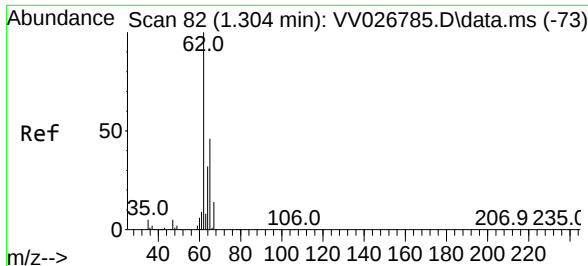
Tgt Ion: 85 Resp: 156871
Ion Ratio Lower Upper
85 100
87 33.5 25.8 38.8



#3
Chloromethane
Concen: 4.839 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 50 Resp: 141335
Ion Ratio Lower Upper
50 100
52 31.7 22.8 42.4

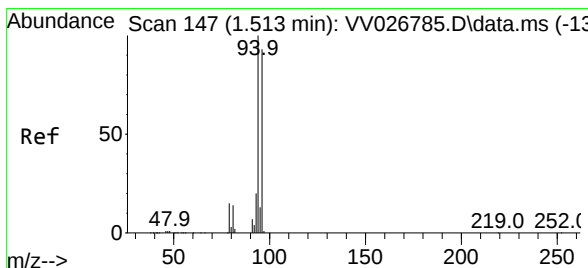
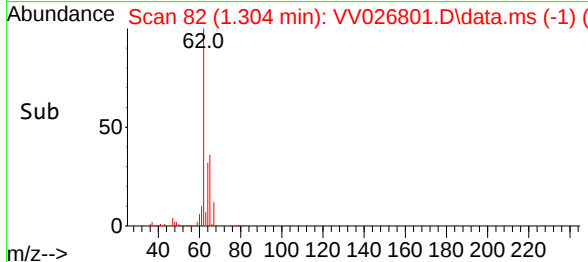
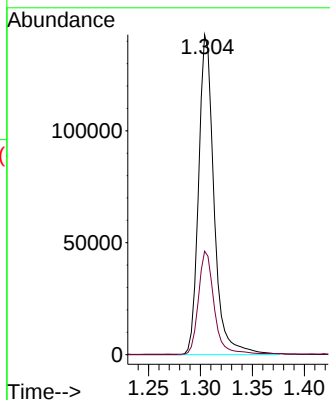
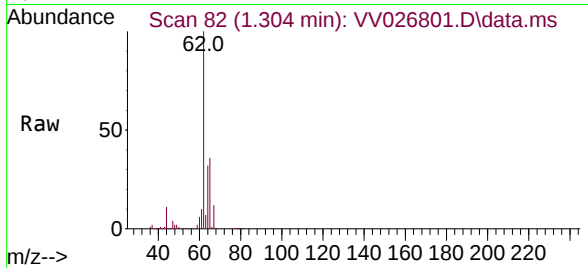




#5
 Vinyl chloride
 Concen: 4.977 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026801.D
 Acq: 15 Jul 2022 19:27

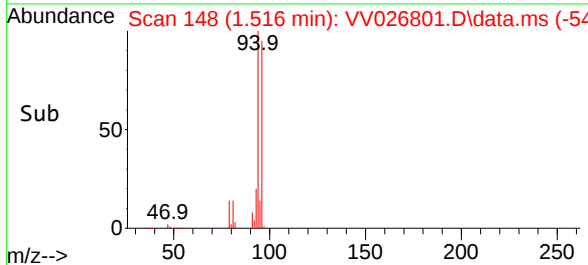
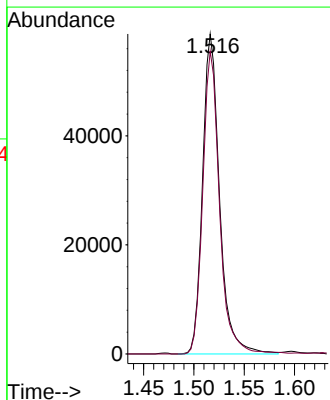
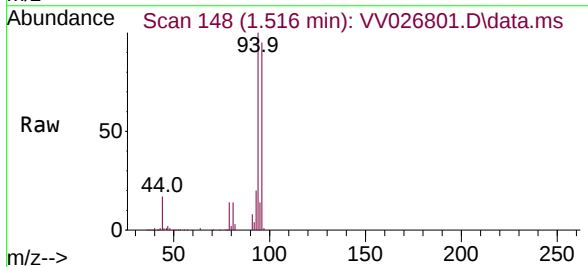
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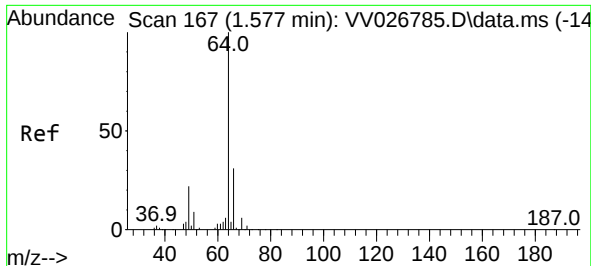
Tgt Ion: 62 Resp: 148015
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 3.878 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV026801.D
 Acq: 15 Jul 2022 19:27

Tgt Ion: 94 Resp: 69027
 Ion Ratio Lower Upper
 94 100
 96 94.6 67.1 124.7

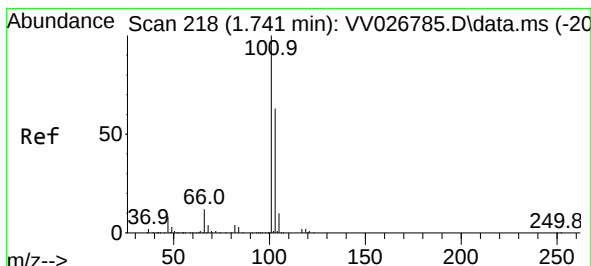
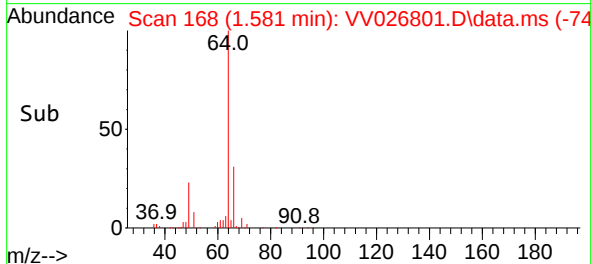
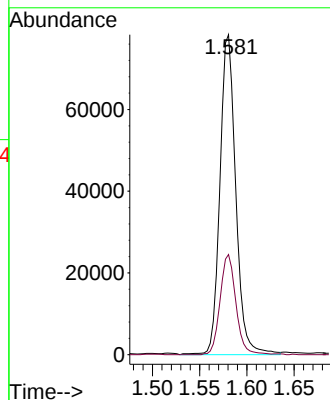
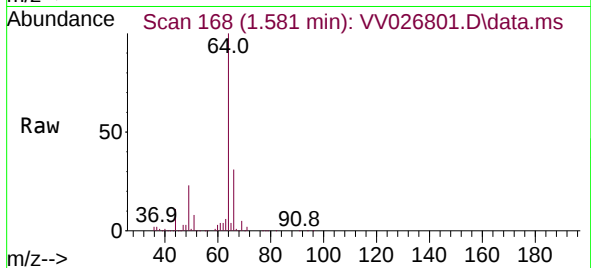




#8
Chloroethane
Concen: 5.212 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

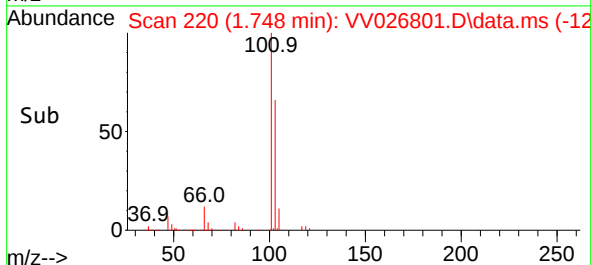
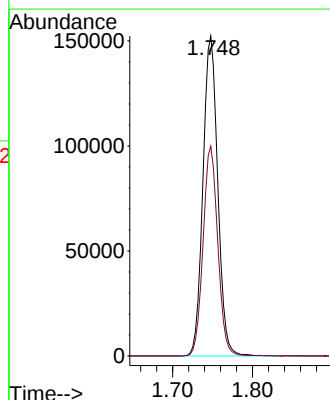
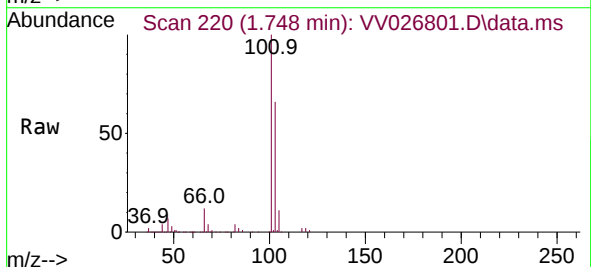
Instrument :
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ClientSampleId :
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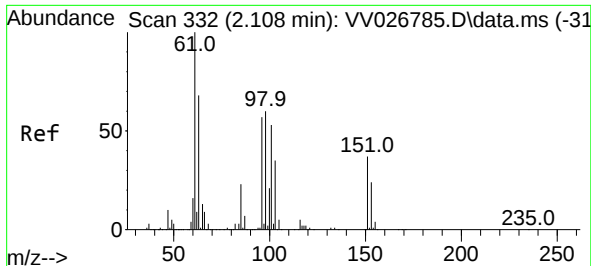
Tgt Ion: 64 Resp: 91329
Ion Ratio Lower Upper
64 100
66 31.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.203 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.006 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 101 Resp: 196661
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

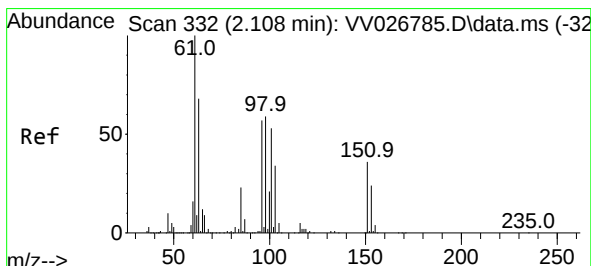
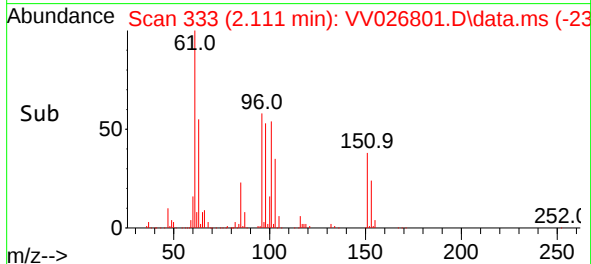
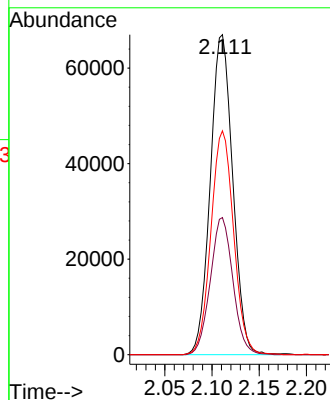
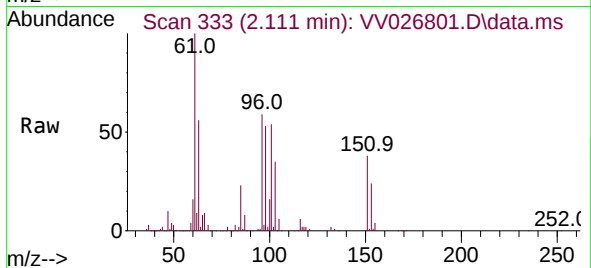




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.110 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV026801.D
 Acq: 15 Jul 2022 19:27

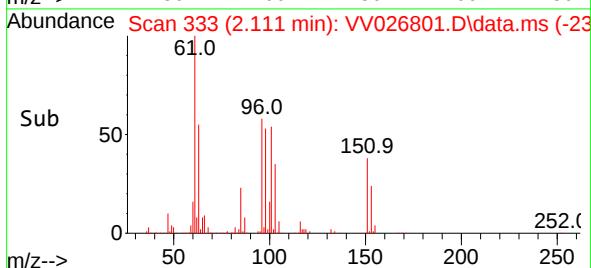
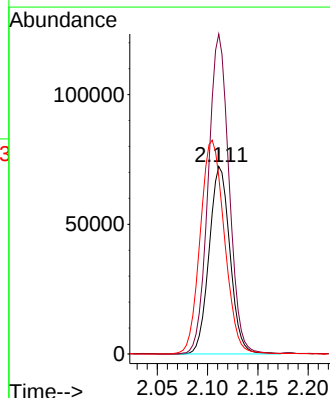
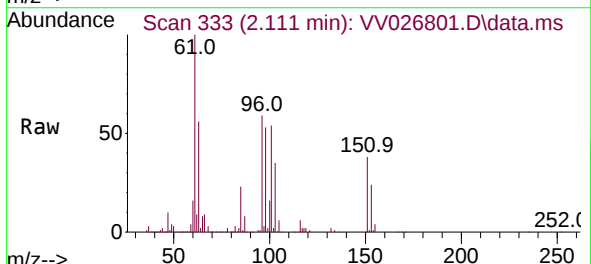
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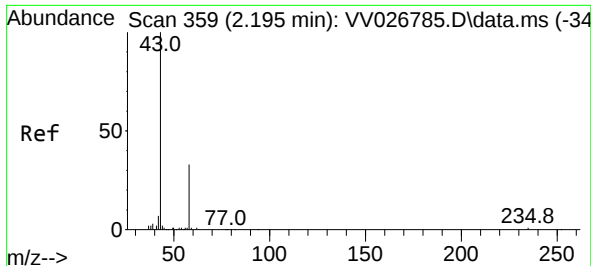
Tgt Ion:101 Resp: 110647
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.0 52.4
 151 70.9 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 4.963 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV026801.D
 Acq: 15 Jul 2022 19:27

Tgt Ion: 96 Resp: 104185
 Ion Ratio Lower Upper
 96 100
 61 170.7 118.3 219.7
 63 94.8 79.9 148.3

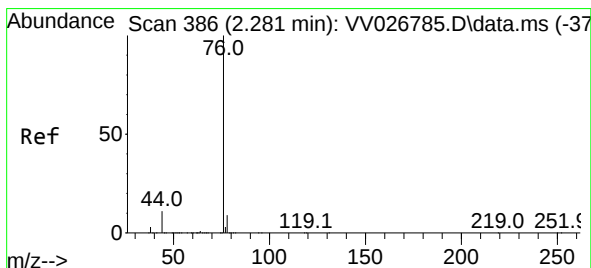
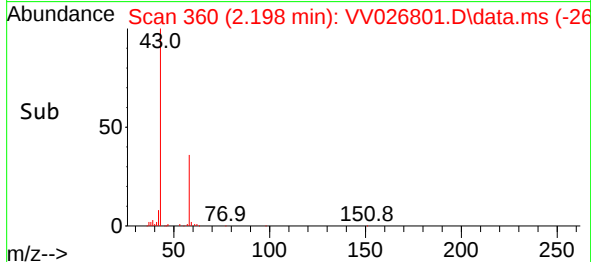
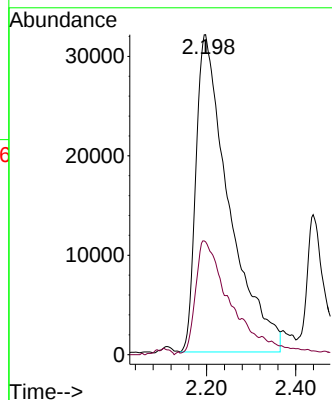
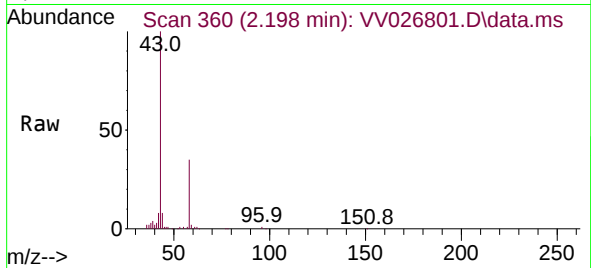




#13
Acetone
Concen: 57.051 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

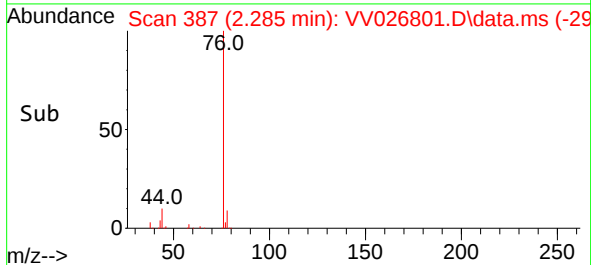
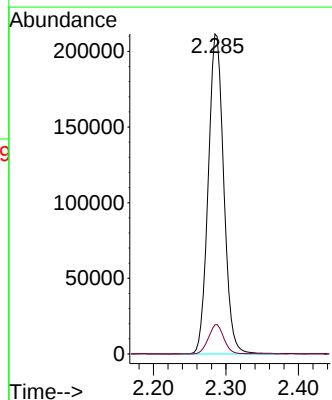
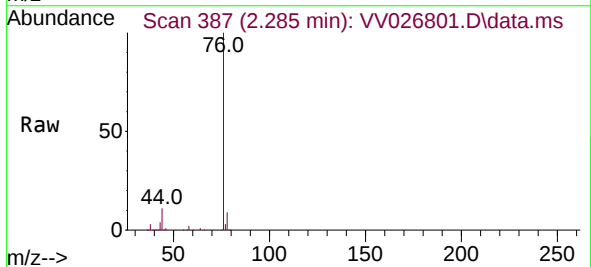
Instrument :
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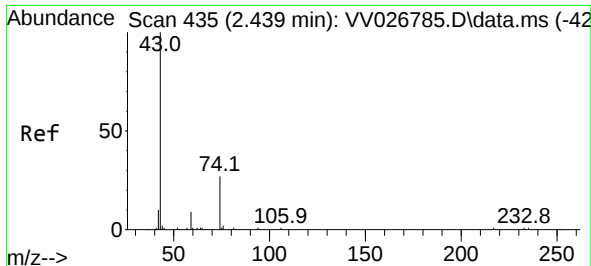
Tgt Ion: 43 Resp: 163639
Ion Ratio Lower Upper
43 100
58 30.5 0.0 20.6#



#14
Carbon disulfide
Concen: 5.076 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 76 Resp: 313982
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

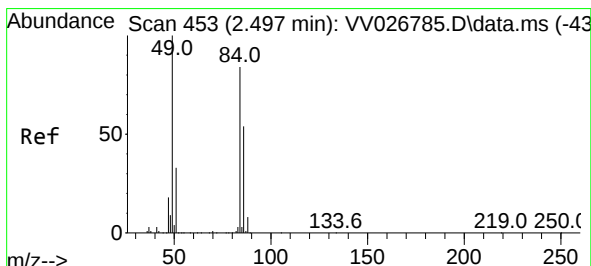
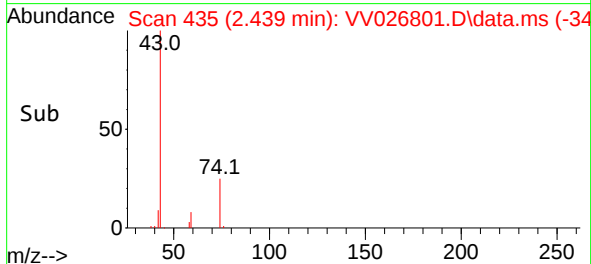
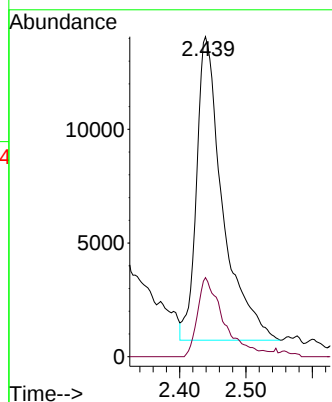
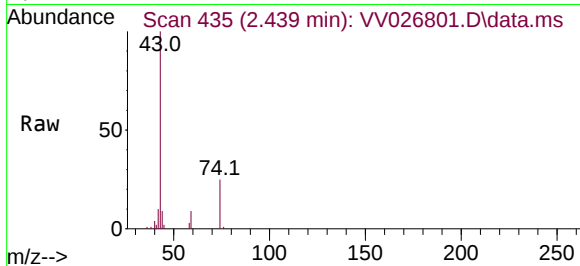




#15
Methyl Acetate
Concen: 6.305 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

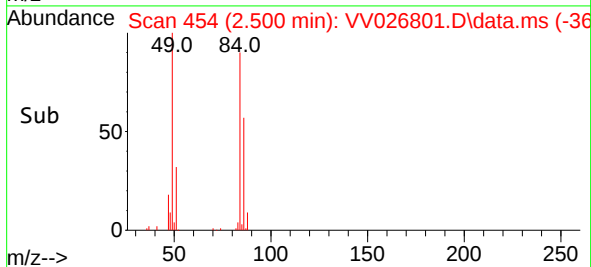
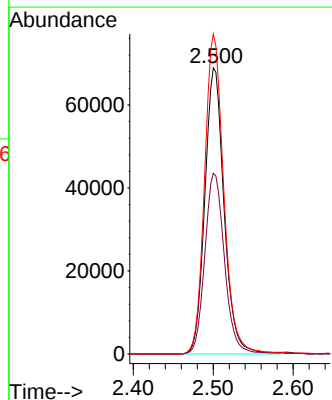
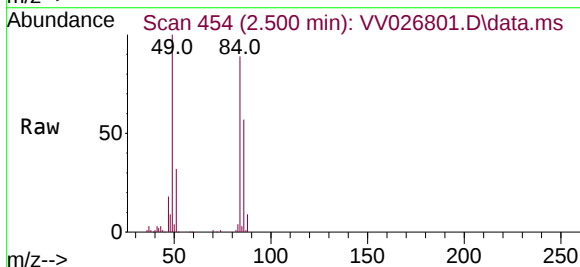
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

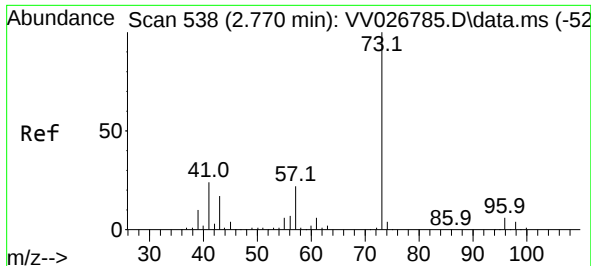
Tgt Ion: 43 Resp: 36573
Ion Ratio Lower Upper
43 100
74 26.4 20.1 30.1



#16
Methylene chloride
Concen: 4.623 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 84 Resp: 115616
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 111.8 78.7 146.1

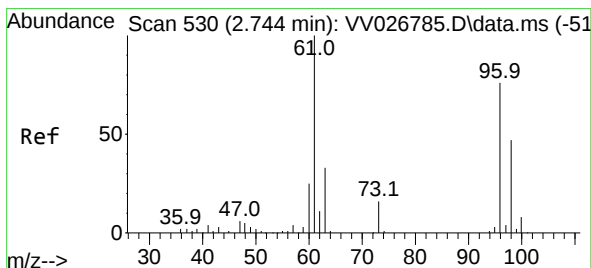
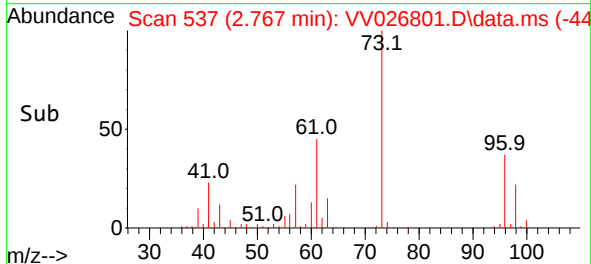
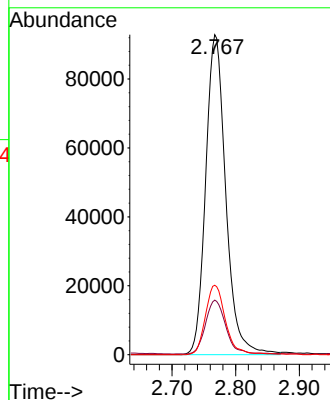
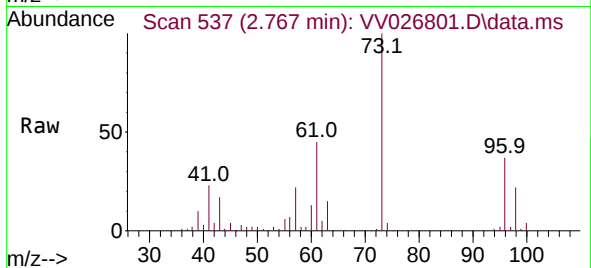




#17
Methyl tert-butyl Ether
Concen: 5.635 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

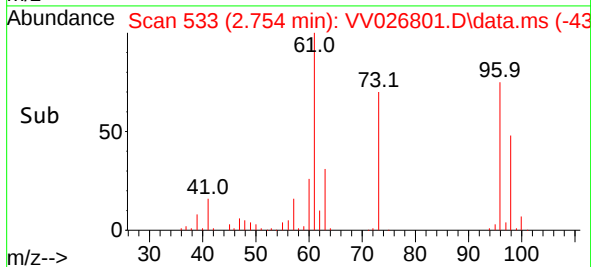
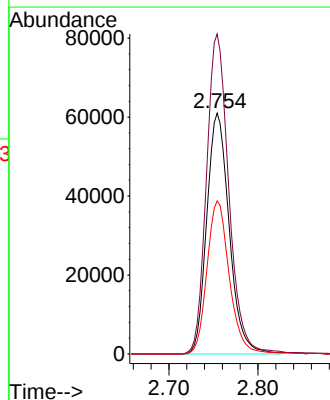
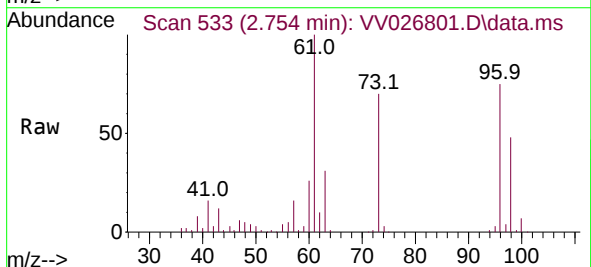
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

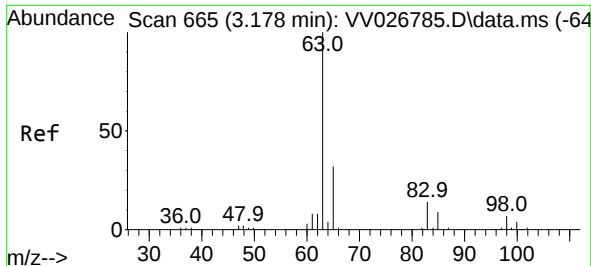
Tgt Ion: 73 Resp: 203820
Ion Ratio Lower Upper
73 100
43 17.0 14.0 21.0
57 21.4 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.541 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.010 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 96 Resp: 106910
Ion Ratio Lower Upper
96 100
61 132.9 94.7 175.9
98 63.6 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.672 ug/L

RT: 3.185 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

H0B39MS

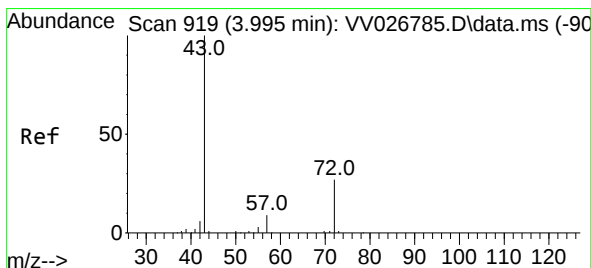
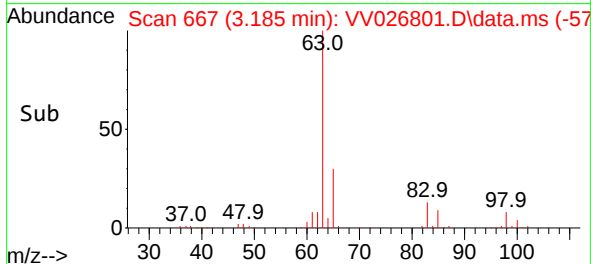
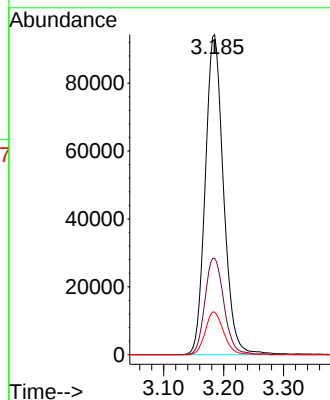
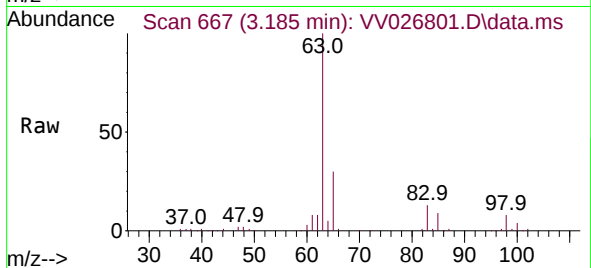
Tgt Ion: 63 Resp: 199839

Ion Ratio Lower Upper

63 100

65 30.2 22.3 41.3

83 13.3 9.9 18.5



#21

2-Butanone

Concen: 63.044 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.006 min

Lab File: VV026801.D

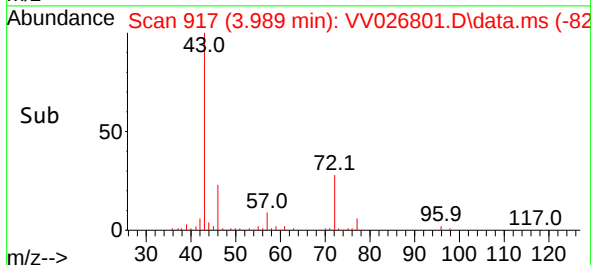
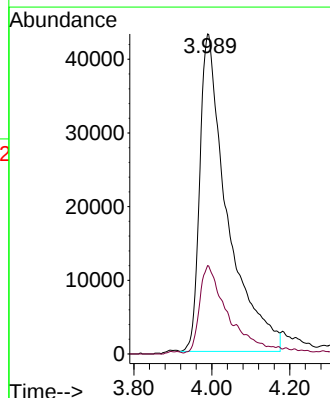
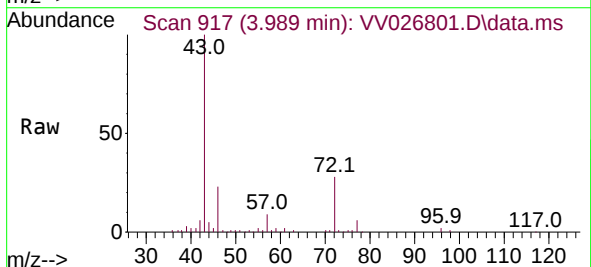
Acq: 15 Jul 2022 19:27

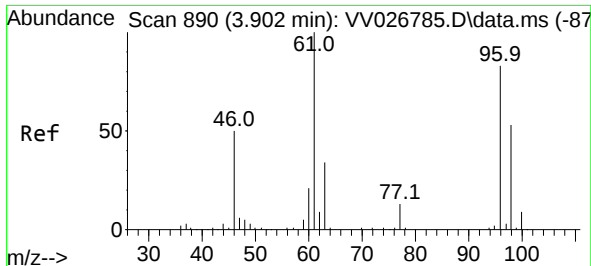
Tgt Ion: 43 Resp: 210888

Ion Ratio Lower Upper

43 100

72 22.6 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.411 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.006 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

H0B39MS

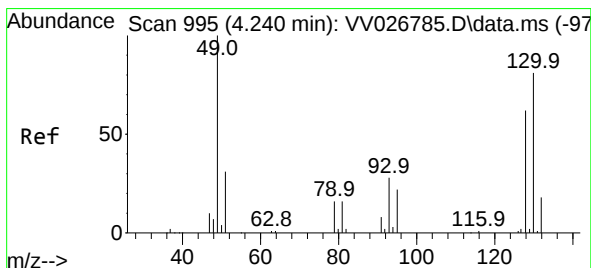
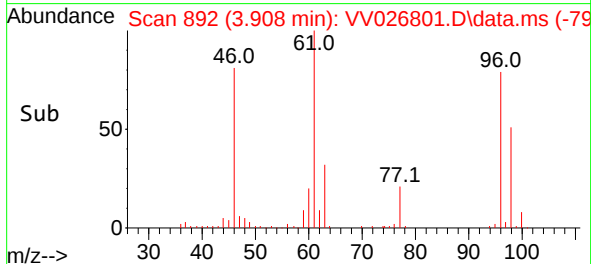
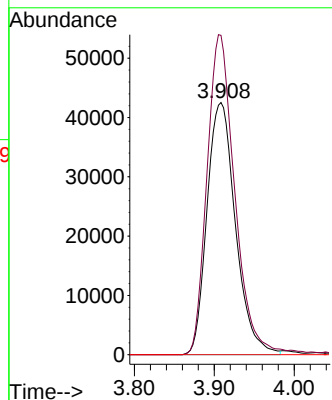
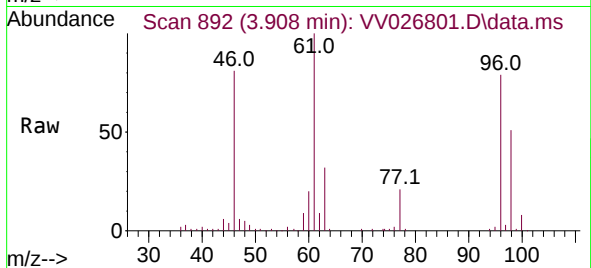
Tgt Ion: 96 Resp: 105309

Ion Ratio Lower Upper

96 100

61 126.6 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.529 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.003 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Tgt Ion: 128 Resp: 49568

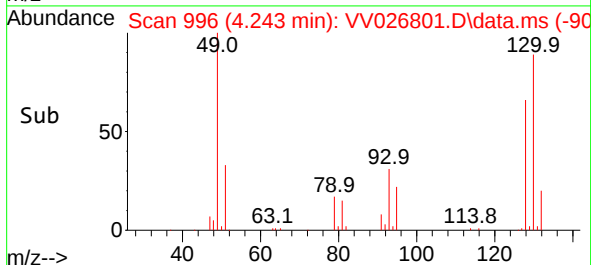
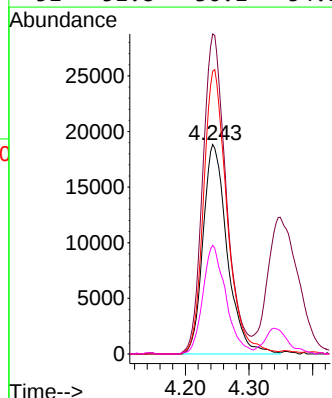
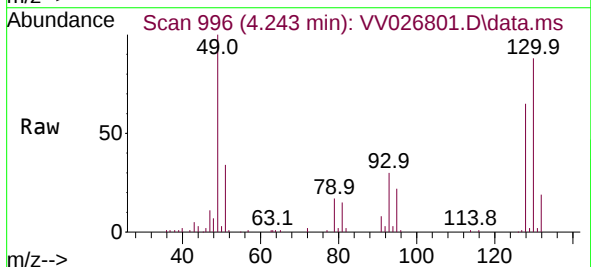
Ion Ratio Lower Upper

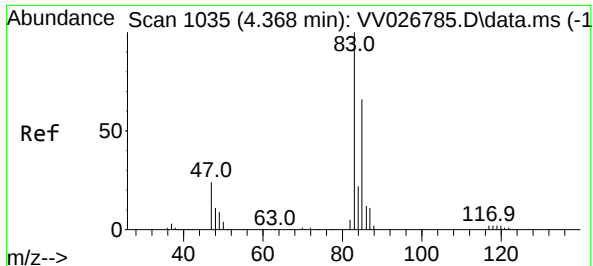
128 100

49 152.8 107.2 199.2

130 135.0 87.1 161.7

51 51.8 36.1 54.1





#25

Chloroform

Concen: 6.031 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

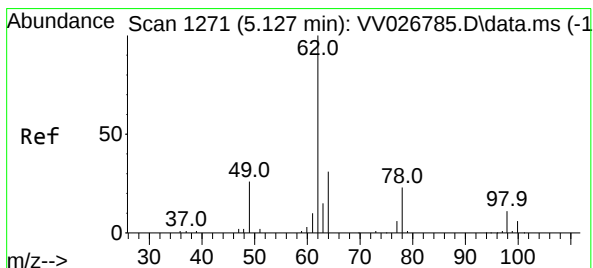
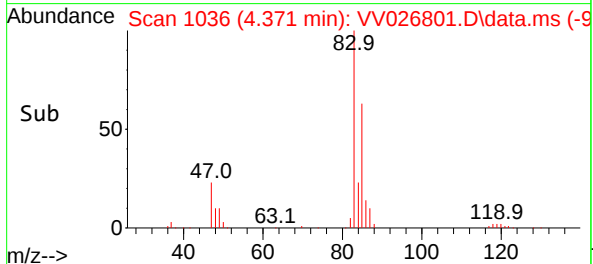
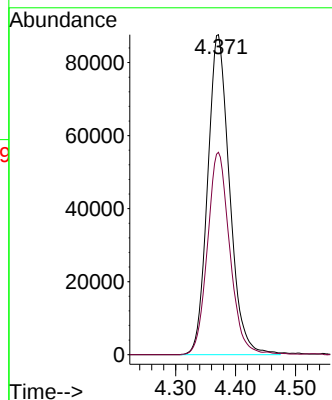
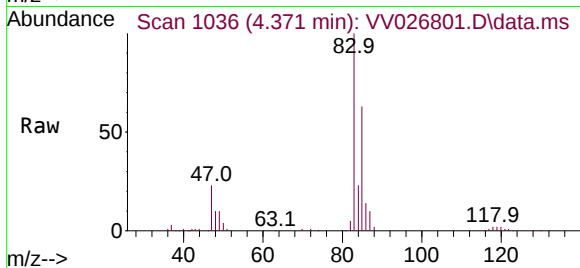
H0B39MS

Tgt Ion: 83 Resp: 222581

Ion Ratio Lower Upper

83 100

85 63.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.436 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV026801.D

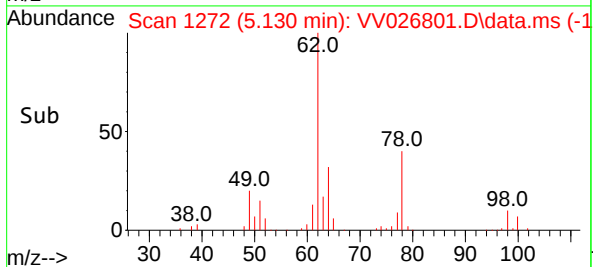
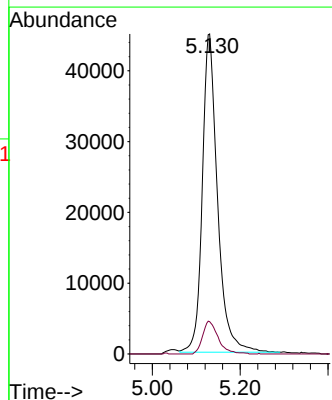
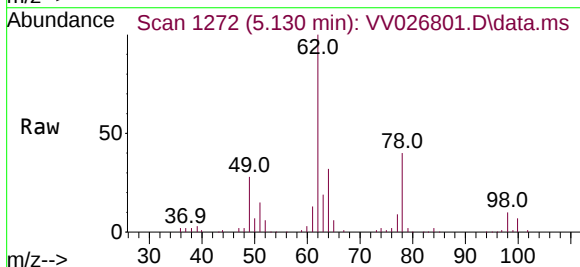
Acq: 15 Jul 2022 19:27

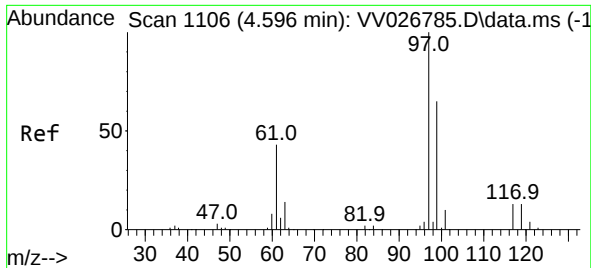
Tgt Ion: 62 Resp: 108087

Ion Ratio Lower Upper

62 100

98 10.1 8.3 12.5

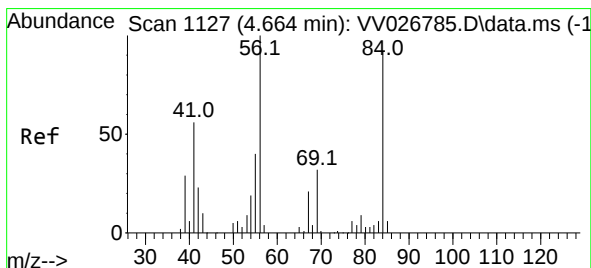
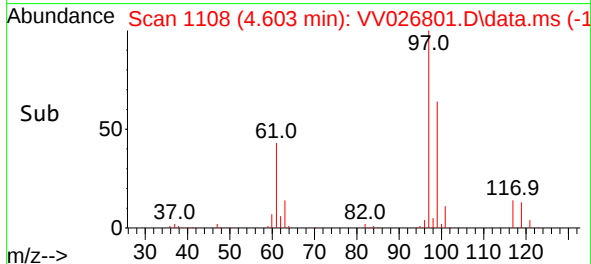
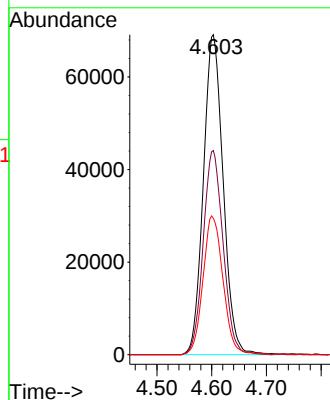
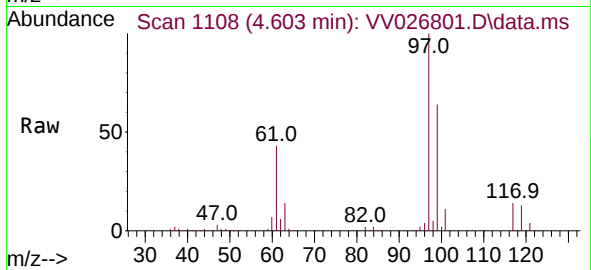




#29
1,1,1-Trichloroethane
Concen: 5.363 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

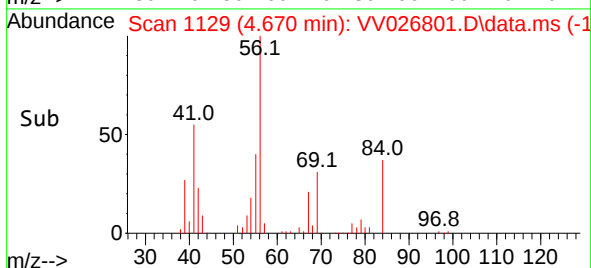
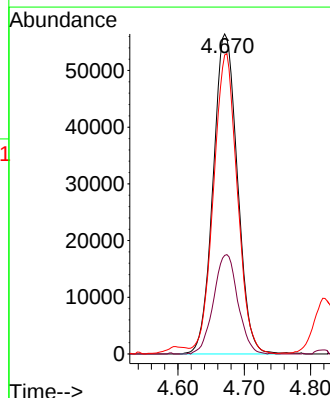
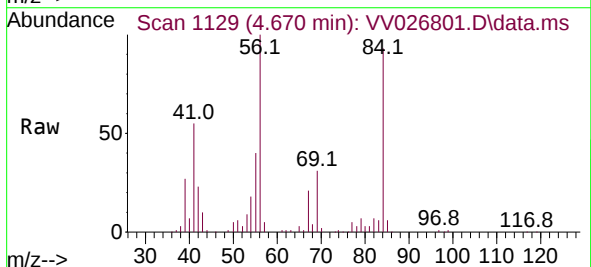
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

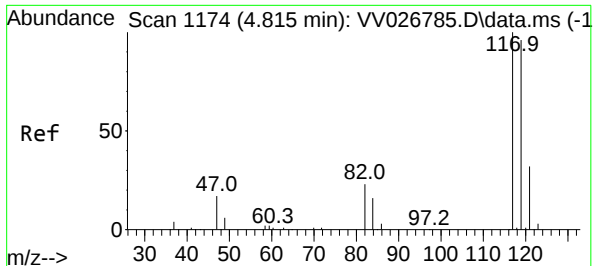
Tgt Ion: 97 Resp: 173924
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 43.7 35.1 52.7



#30
Cyclohexane
Concen: 5.190 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 56 Resp: 143434
Ion Ratio Lower Upper
56 100
69 31.1 25.1 37.7
84 92.3 74.0 111.0

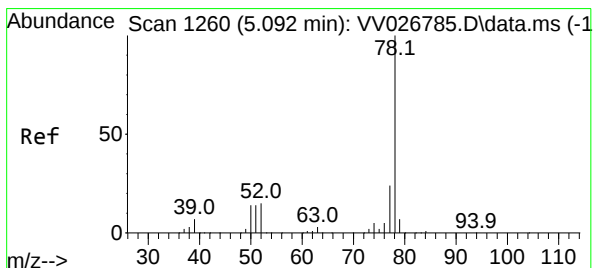
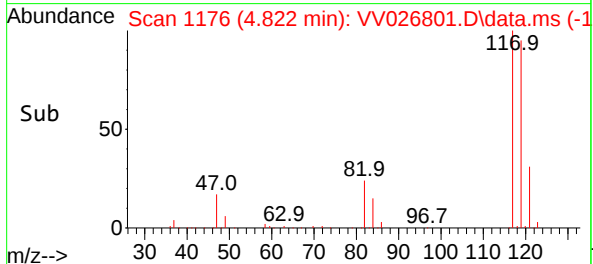
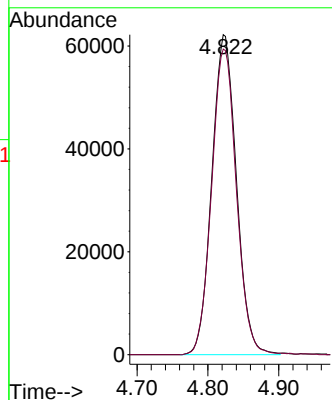
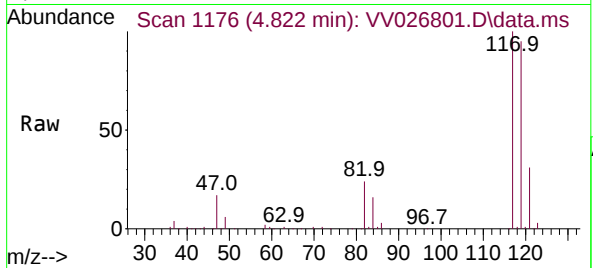




#31
Carbon tetrachloride
Concen: 5.234 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

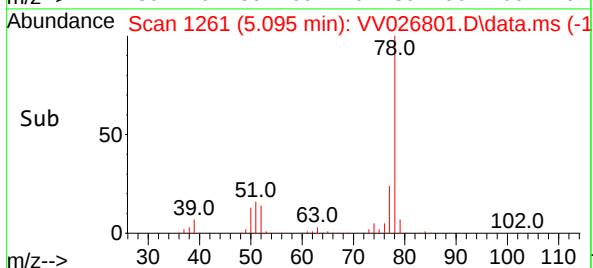
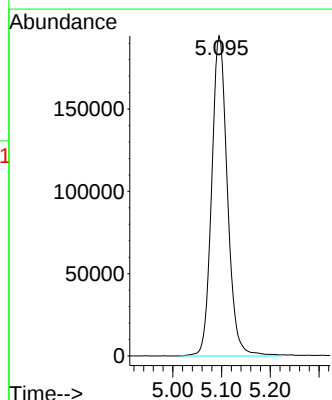
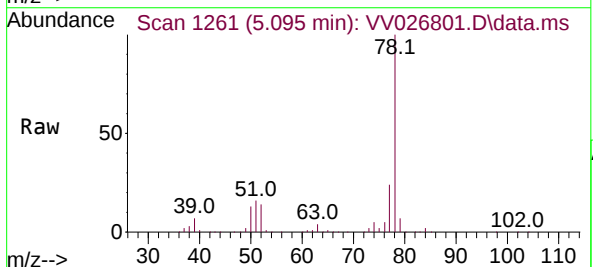
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

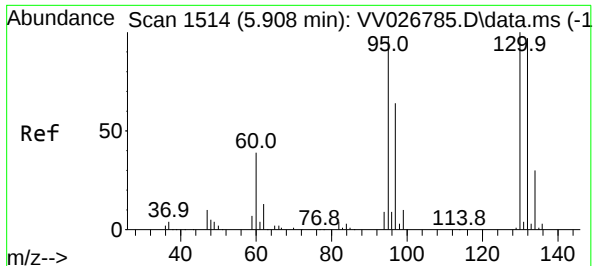
Tgt Ion:117 Resp: 149903
Ion Ratio Lower Upper
117 100
119 96.5 75.1 112.7



#33
Benzene
Concen: 5.432 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 78 Resp: 437093

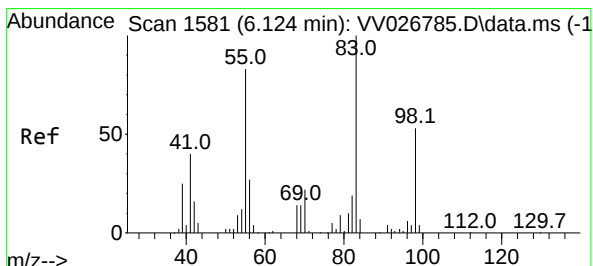
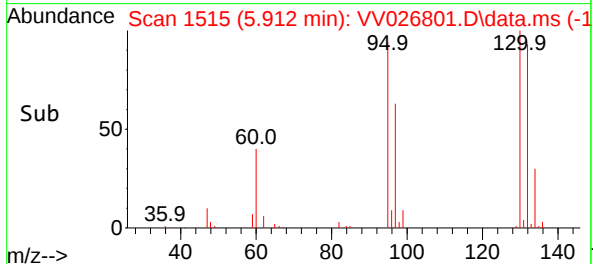
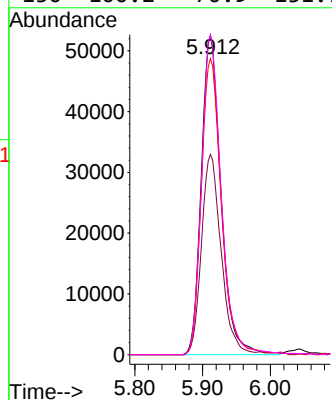
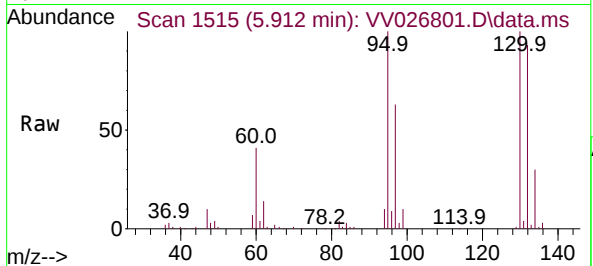




#34
Trichloroethene
Concen: 5.372 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

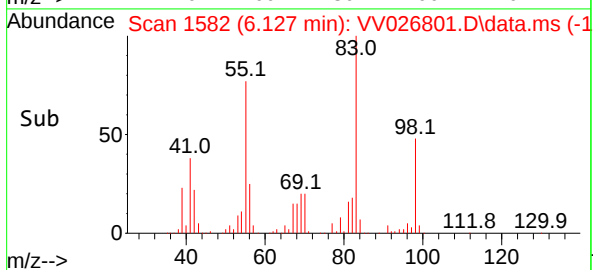
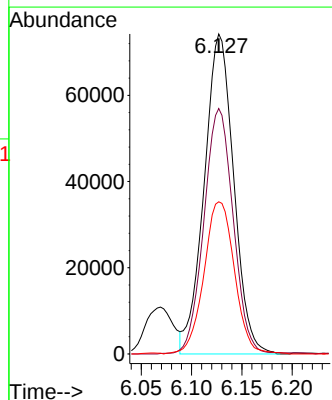
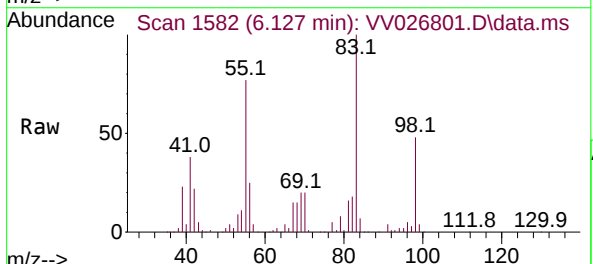
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

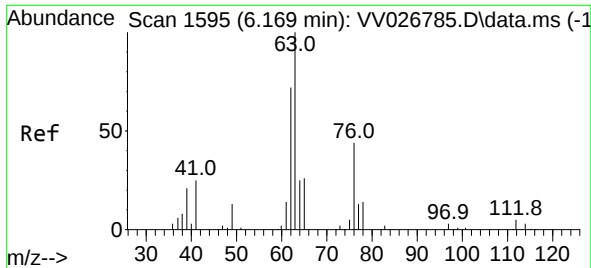
Tgt Ion: 95 Resp: 106239
Ion Ratio Lower Upper
95 100
97 62.8 44.6 82.8
132 92.8 70.2 130.4
130 100.2 70.9 131.7



#35
Methylcyclohexane
Concen: 5.029 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 83 Resp: 151776
Ion Ratio Lower Upper
83 100
55 76.3 59.5 89.3
98 49.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.733 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

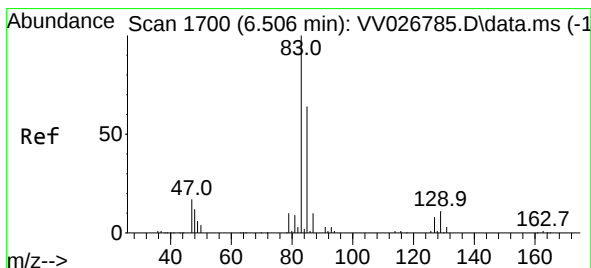
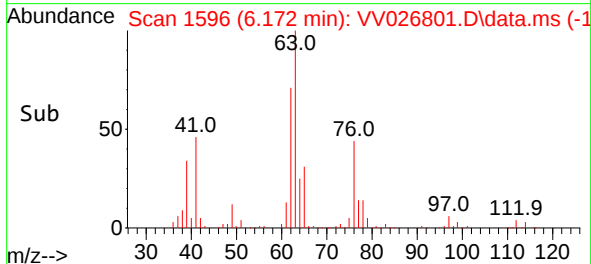
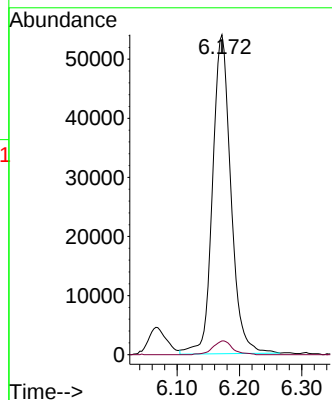
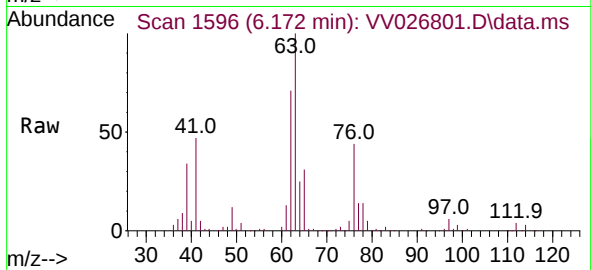
H0B39MS

Tgt Ion: 63 Resp: 110293

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.2



#38

Bromodichloromethane

Concen: 5.431 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

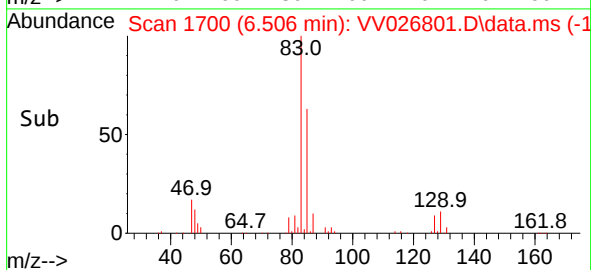
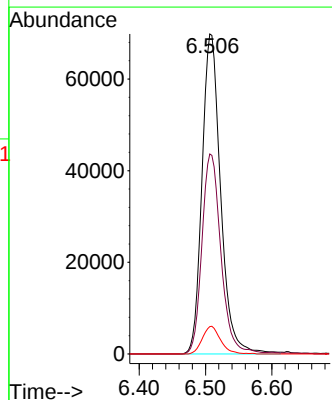
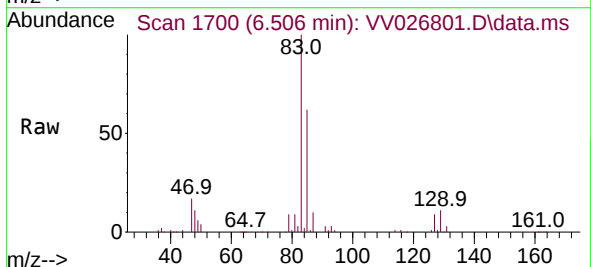
Tgt Ion: 83 Resp: 136224

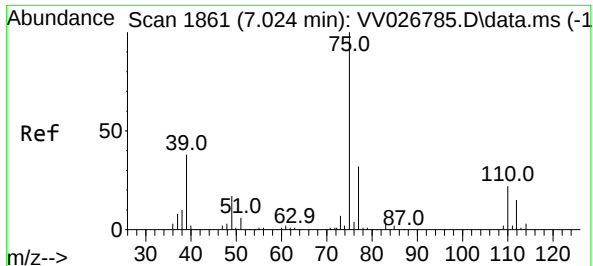
Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.4

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.169 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

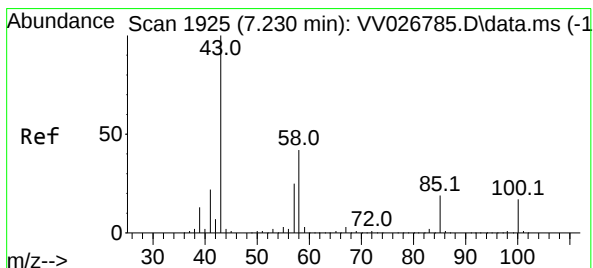
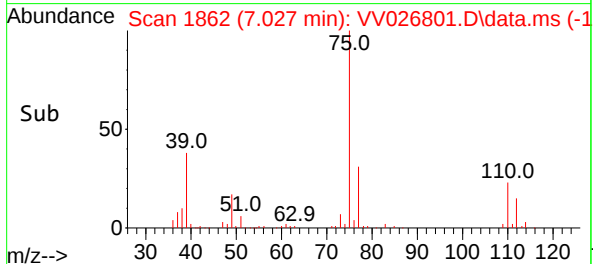
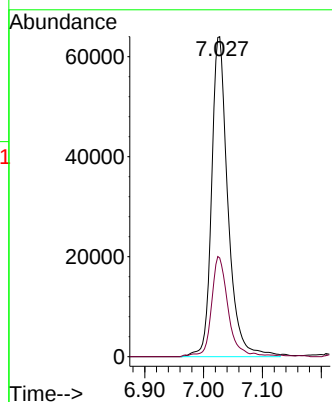
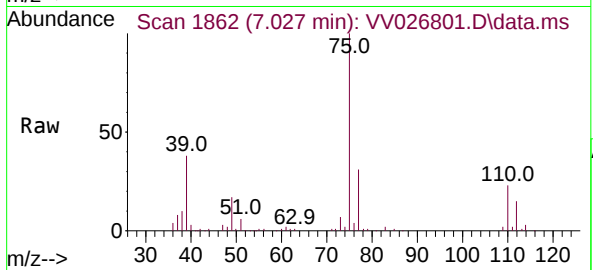
H0B39MS

Tgt Ion: 75 Resp: 123595

Ion Ratio Lower Upper

75 100

77 30.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 58.905 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

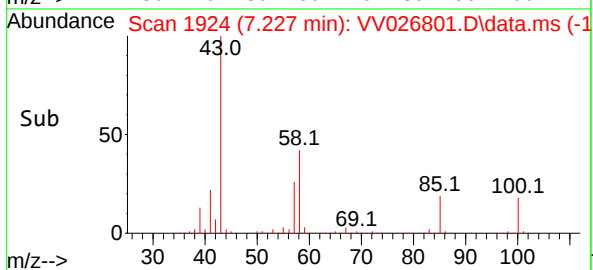
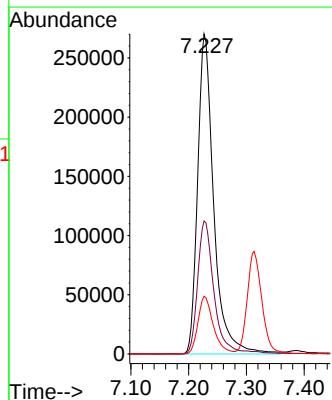
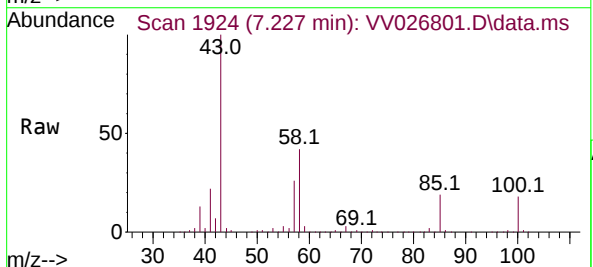
Tgt Ion: 43 Resp: 523506

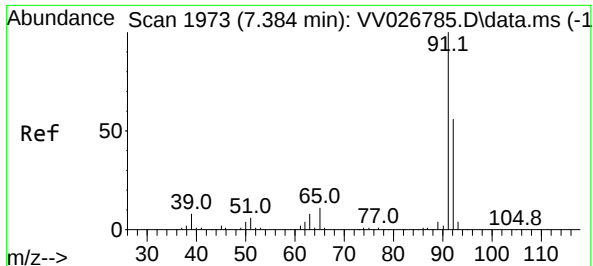
Ion Ratio Lower Upper

43 100

58 42.5 34.6 51.8

100 17.2 13.6 20.4





#42

Toluene

Concen: 5.652 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

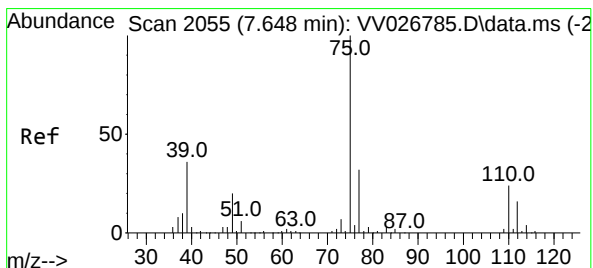
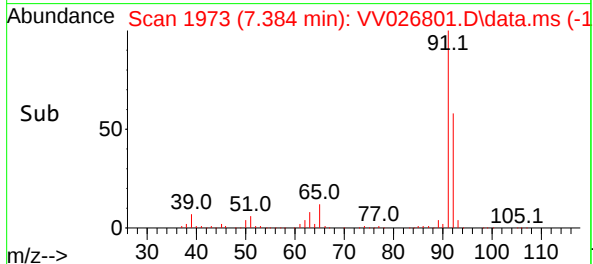
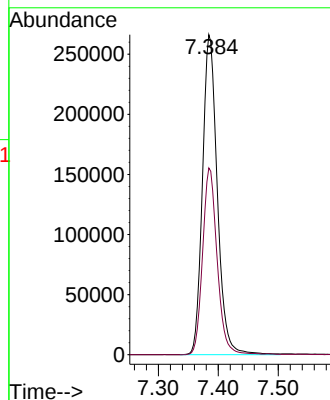
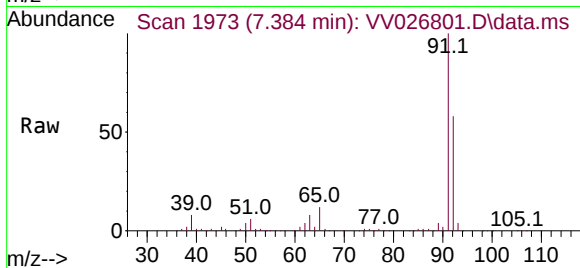
H0B39MS

Tgt Ion: 91 Resp: 459310

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.519 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026801.D

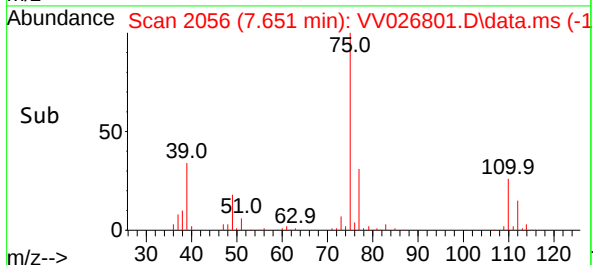
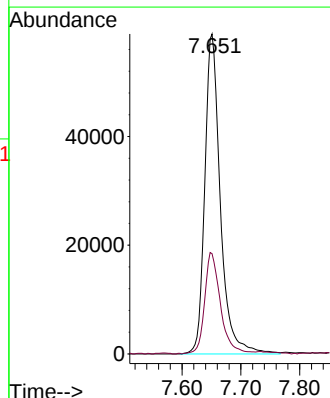
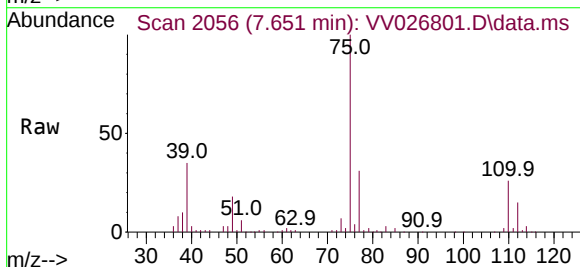
Acq: 15 Jul 2022 19:27

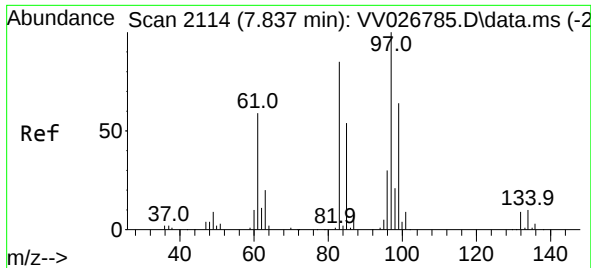
Tgt Ion: 75 Resp: 108355

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.3

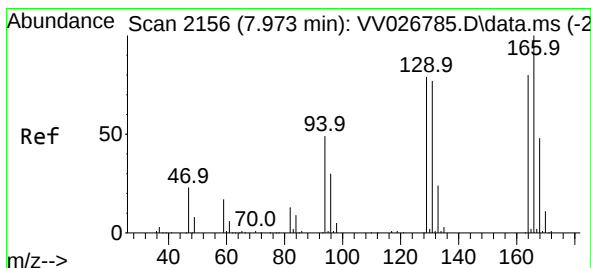
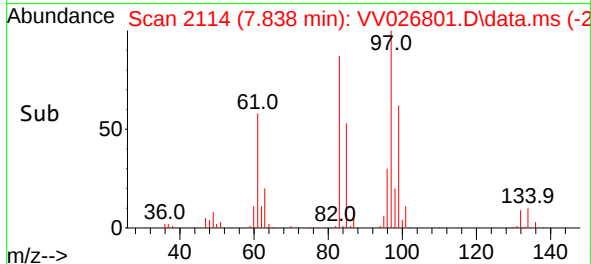
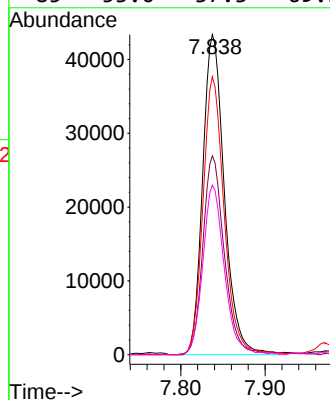
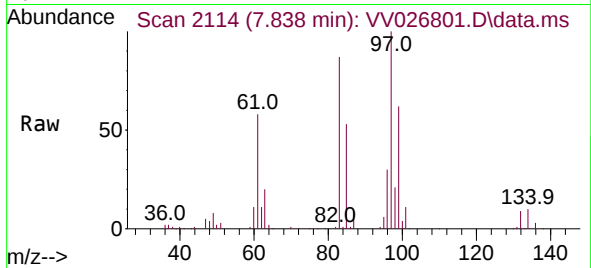




#45
1,1,2-Trichloroethane
Concen: 5.533 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

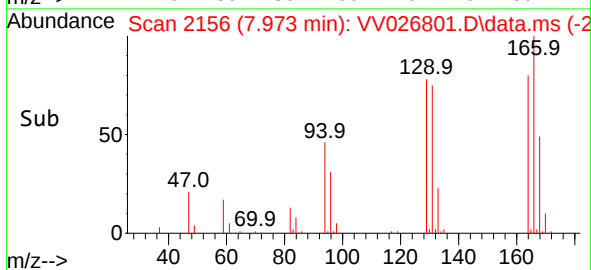
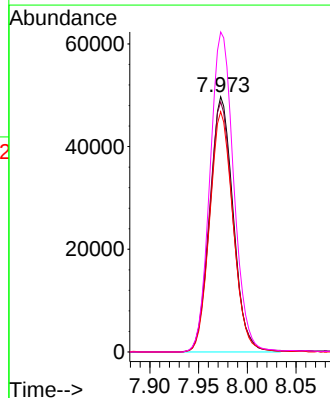
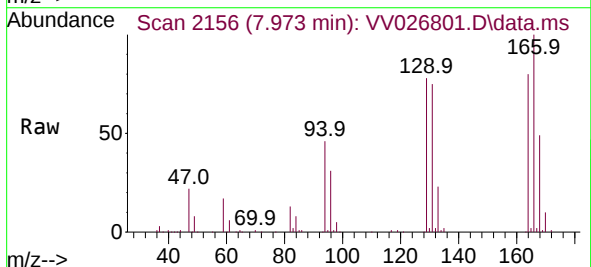
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

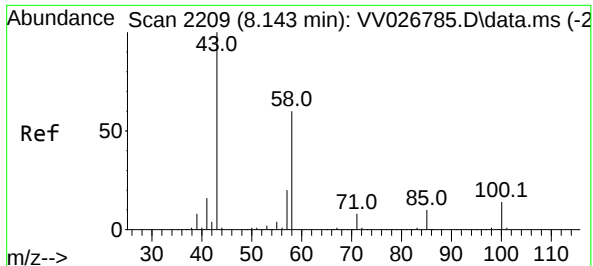
Tgt Ion: 97	Resp: 77813
Ion Ratio	Lower Upper
97 100	
99 62.2	41.9 77.9
83 86.9	58.1 107.9
85 53.0	37.3 69.3



#47
Tetrachloroethene
Concen: 5.325 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt	Ion:164	Resp:	82595
Ion	Ratio	Lower	Upper
164	100		
129	98.0	67.8	125.8
131	94.2	65.9	122.5
166	125.4	88.8	164.8



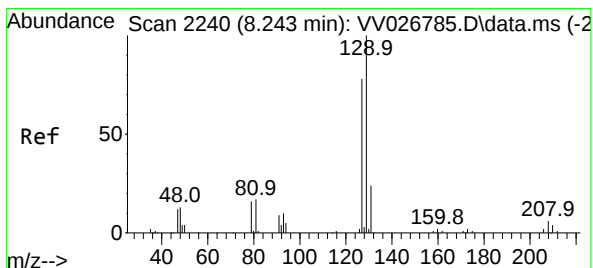
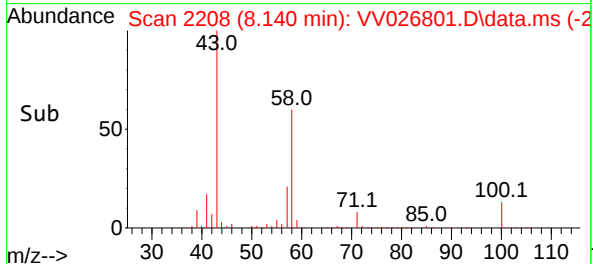
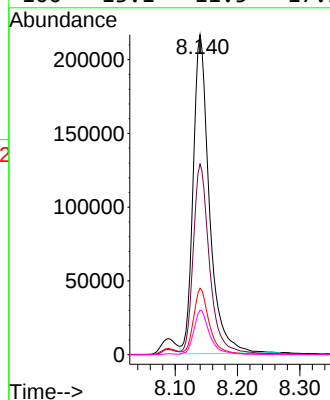
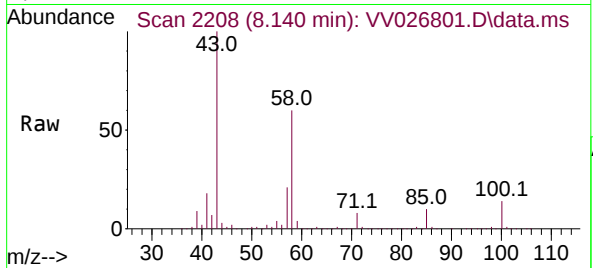


#48
2-Hexanone
Concen: 60.862 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

Tgt Ion: 43 Resp: 391474

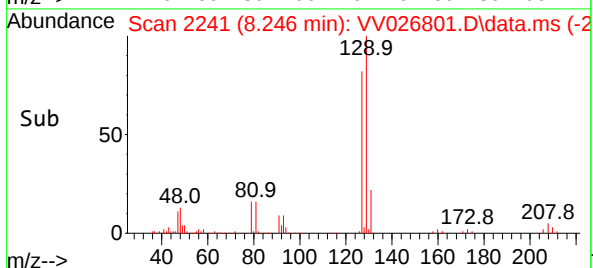
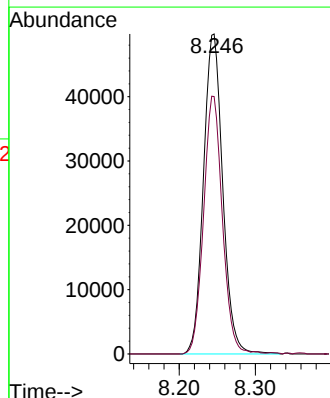
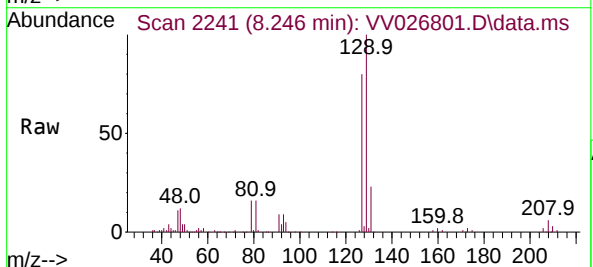
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.9	71.9
57	20.0	16.3	24.5
100	13.1	11.5	17.3

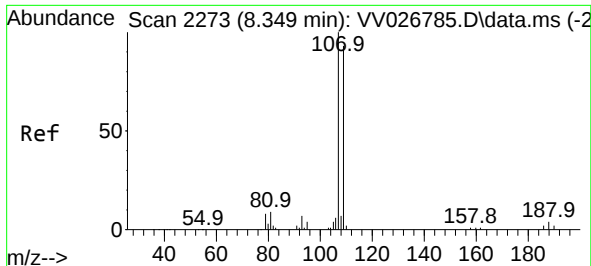


#49
Dibromochloromethane
Concen: 5.398 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 129 Resp: 87494

Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.595 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

H0B39MS

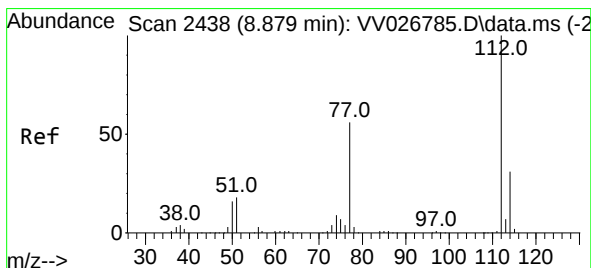
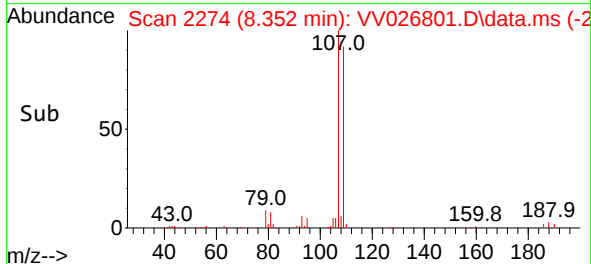
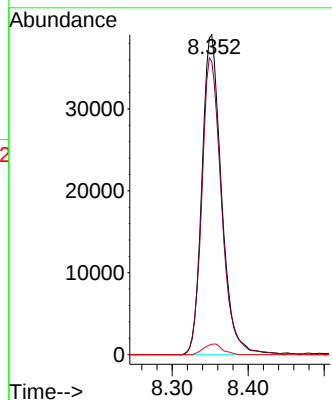
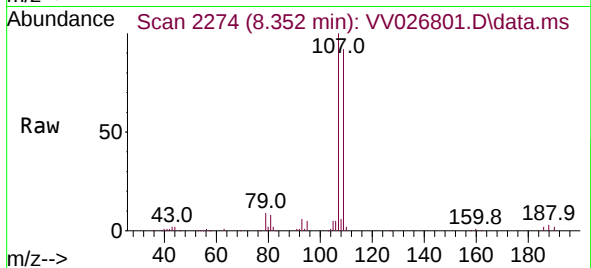
Tgt Ion:107 Resp: 69624

Ion Ratio Lower Upper

107 100

109 91.7 68.0 126.4

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 5.429 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

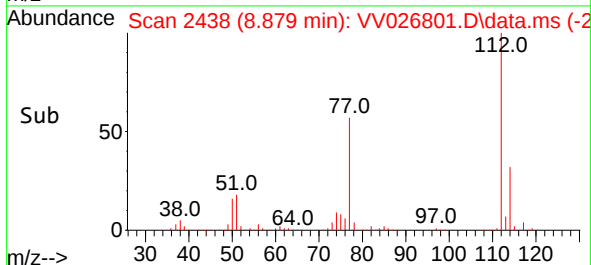
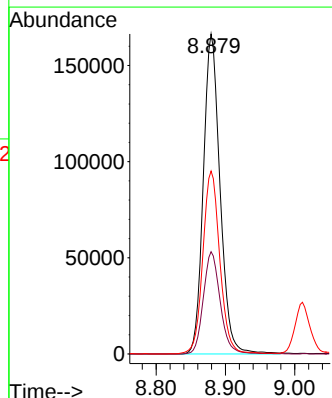
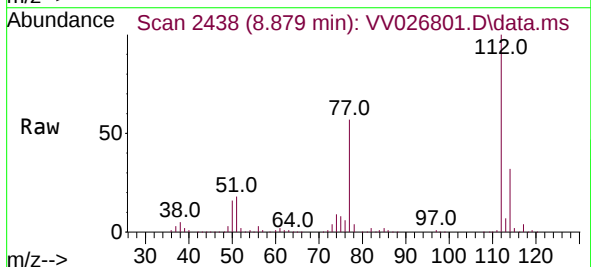
Tgt Ion:112 Resp: 278929

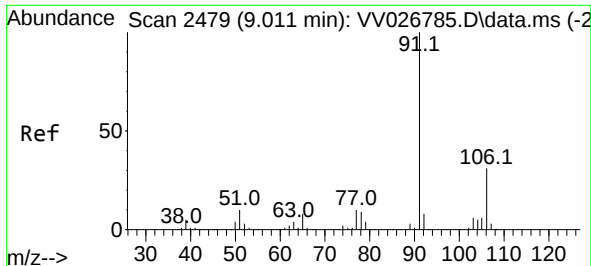
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.1

77 57.1 46.6 70.0

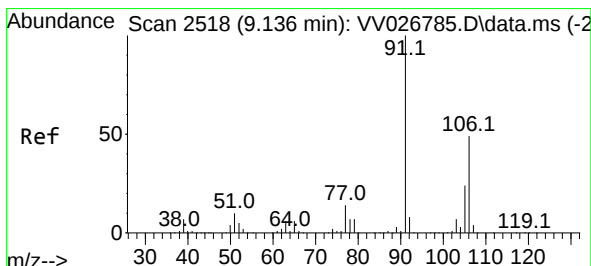
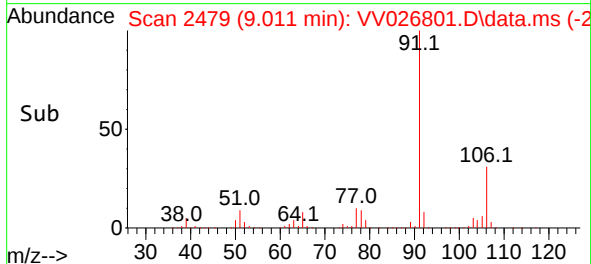
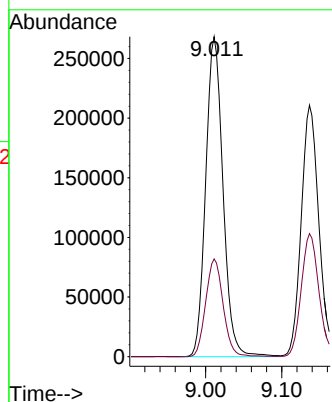
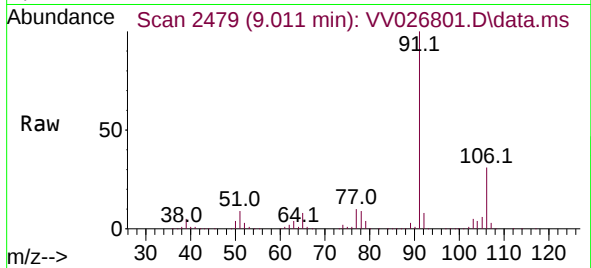




#52
Ethylbenzene
Concen: 5.270 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

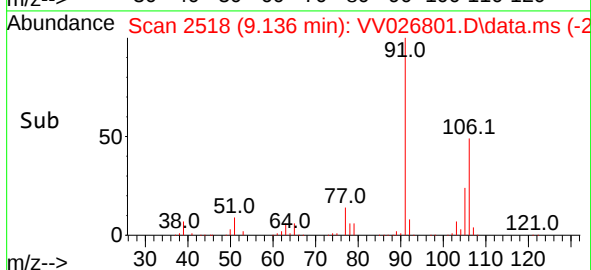
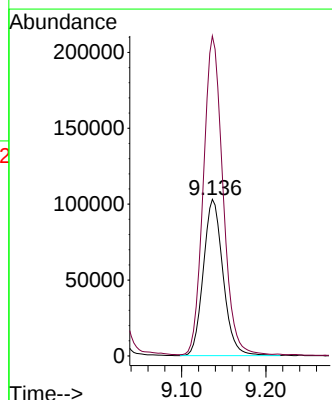
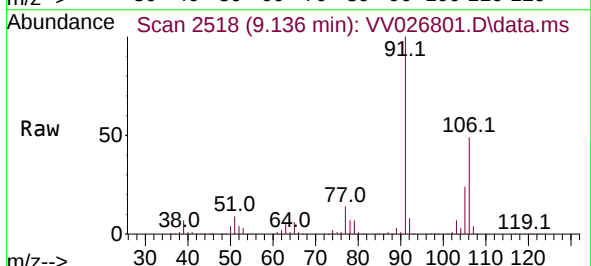
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

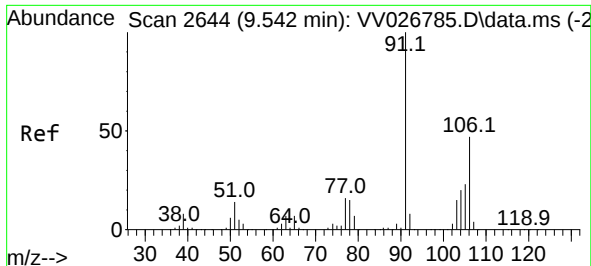
Tgt Ion: 91 Resp: 423763
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.2



#53
m,p-Xylene
Concen: 5.367 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 106 Resp: 167840
Ion Ratio Lower Upper
106 100
91 204.3 139.3 258.7

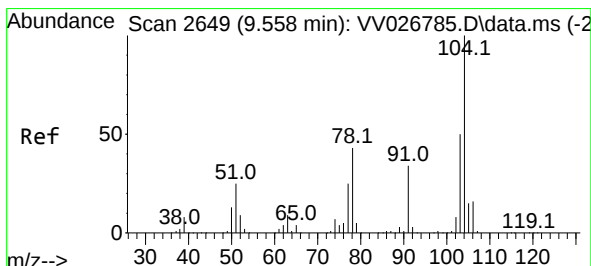
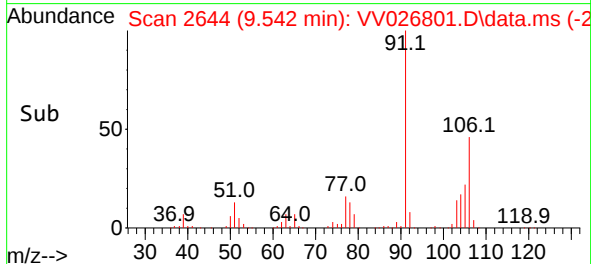
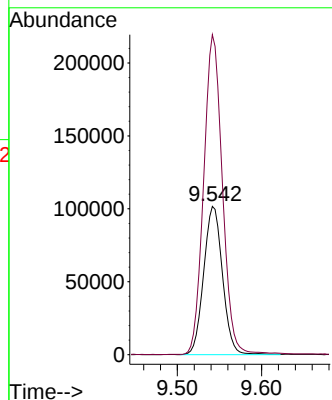
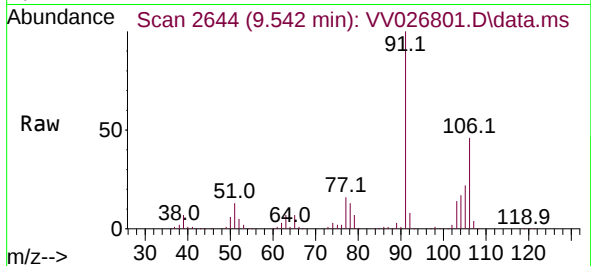




#54
o-Xylene
Concen: 5.330 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

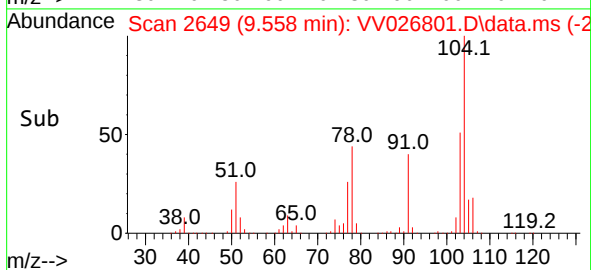
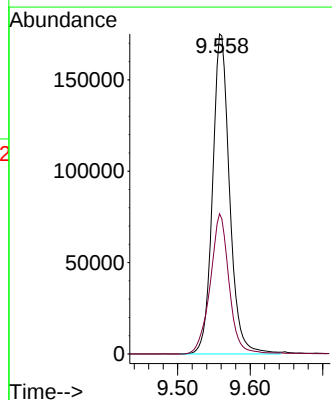
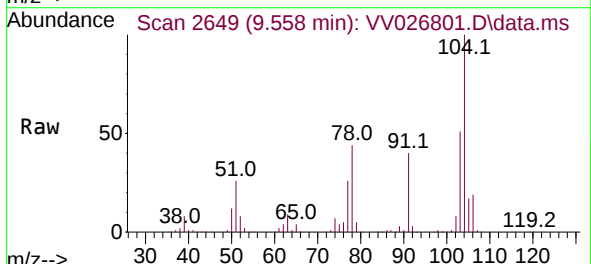
Instrument : MSVOA_V
ClientSampleId : H0B39MS

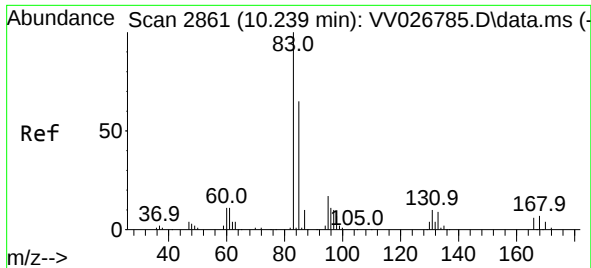
Tgt Ion:106 Resp: 158407
Ion Ratio Lower Upper
106 100
91 215.7 151.1 280.7



#55
Styrene
Concen: 5.502 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion:104 Resp: 286528
Ion Ratio Lower Upper
104 100
78 43.8 29.5 54.9

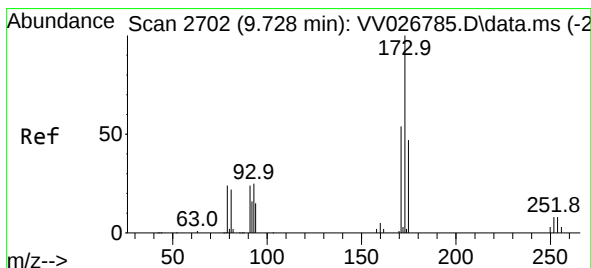
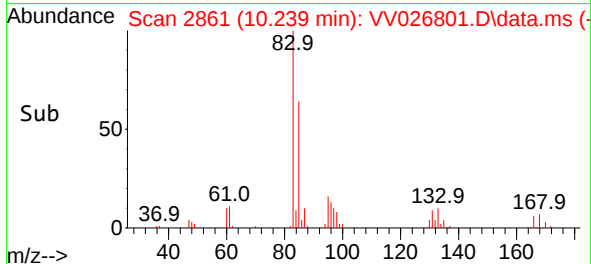
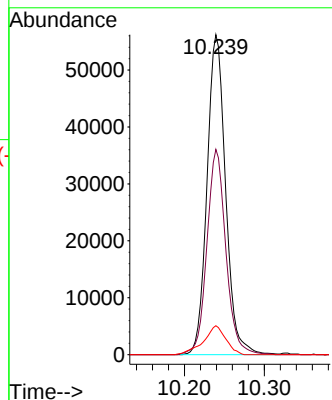
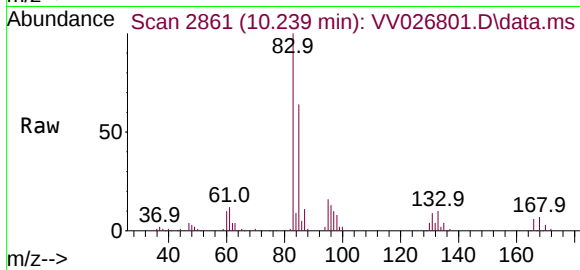




#57
1,1,2,2-Tetrachloroethane
Concen: 5.464 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

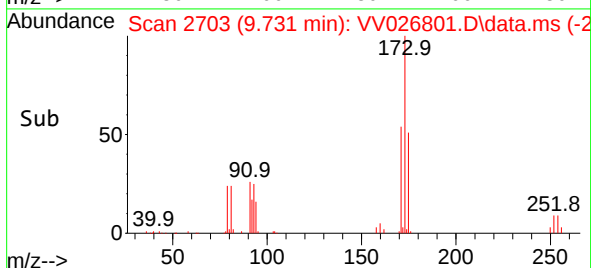
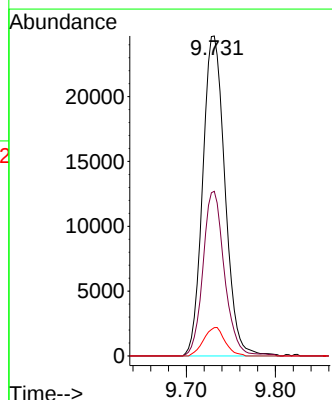
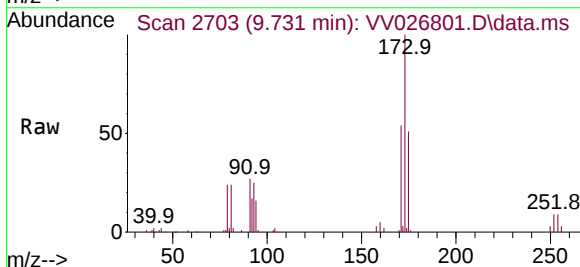
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

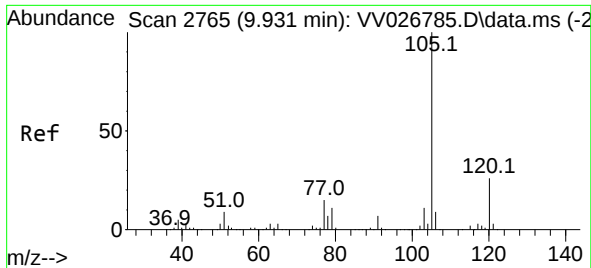
Tgt Ion: 83 Resp: 90971
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
131 9.0 7.4 11.2



#59
Bromoform
Concen: 5.245 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 173 Resp: 42700
Ion Ratio Lower Upper
173 100
175 49.8 40.7 61.1
254 8.6 6.5 9.7

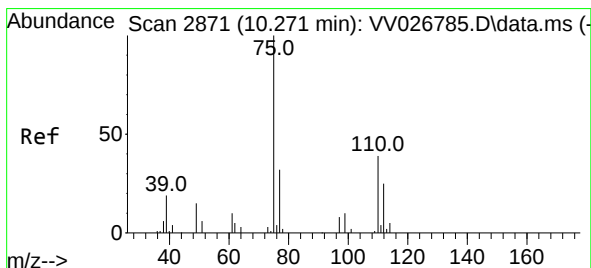
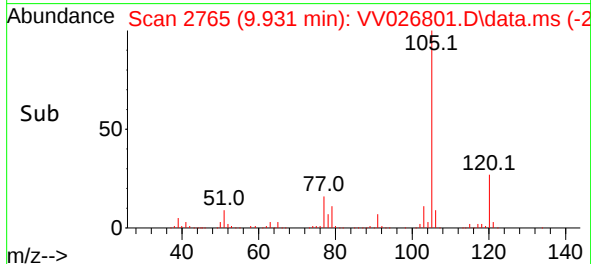
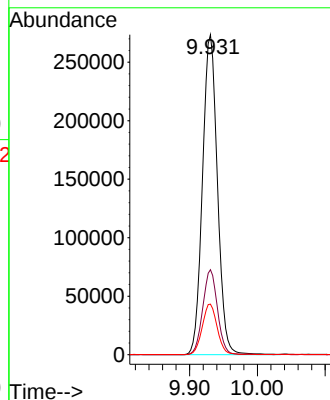
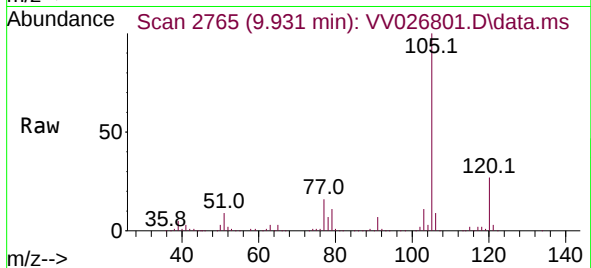




#60
Isopropylbenzene
Concen: 5.285 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

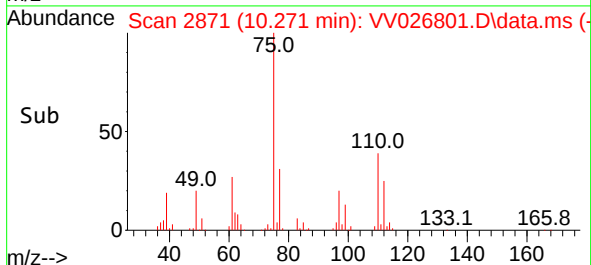
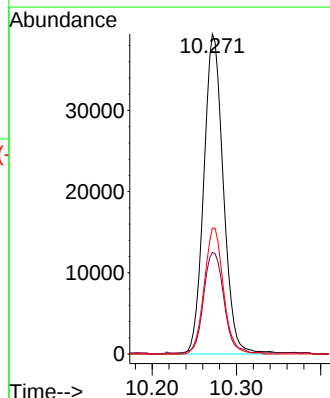
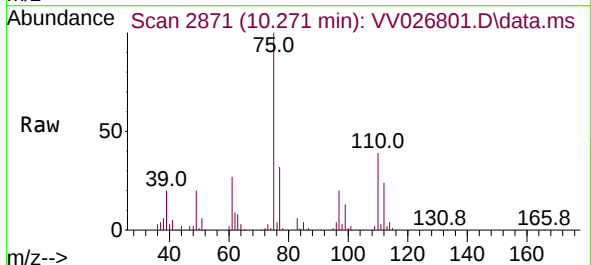
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

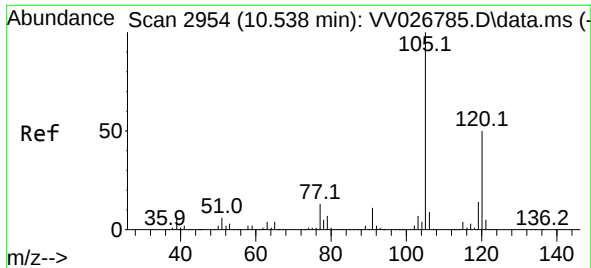
Tgt Ion:105 Resp: 418175
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.447 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 75 Resp: 63731
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 38.5 31.8 47.6

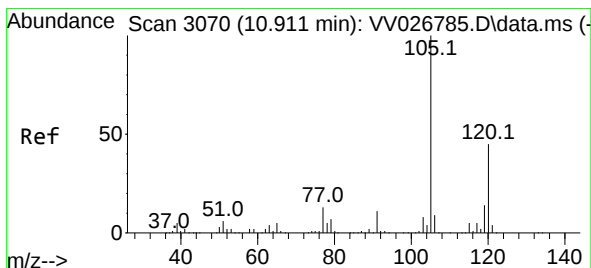
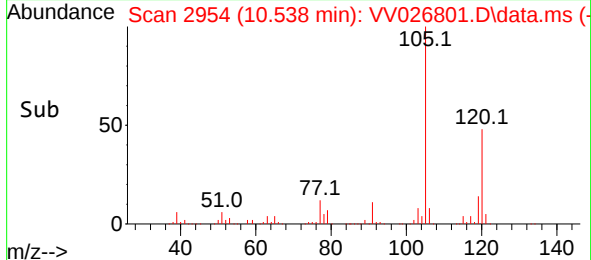
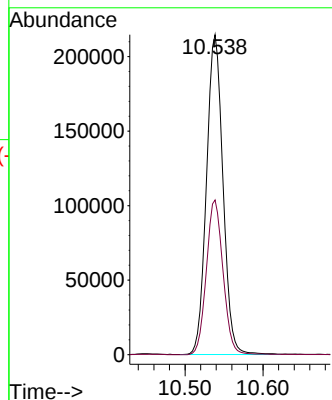
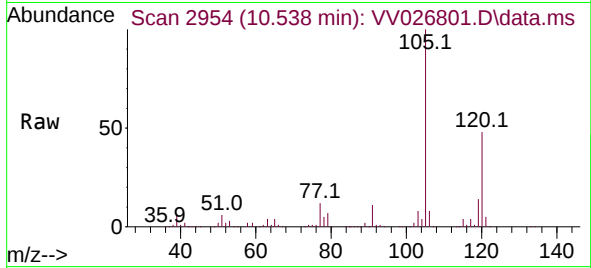




#62
1,3,5-Trimethylbenzene
Concen: 5.017 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

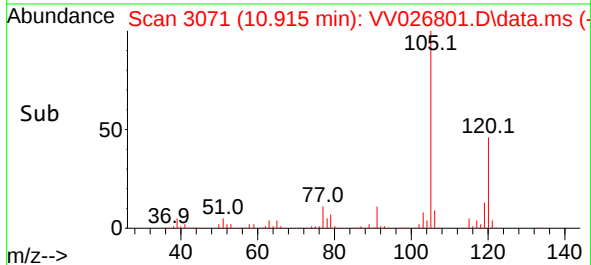
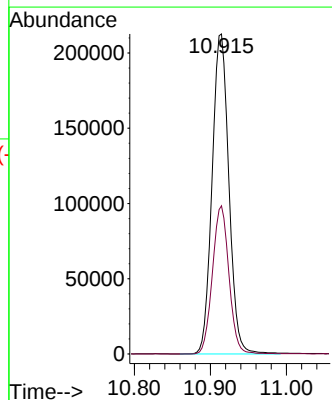
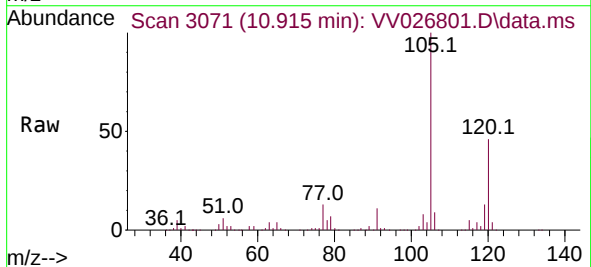
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

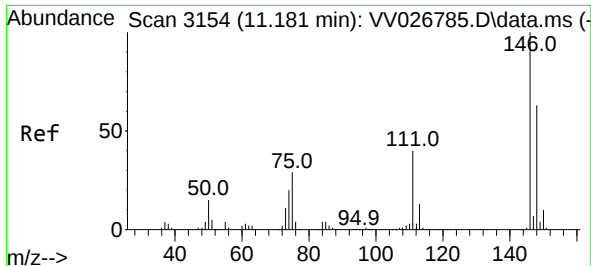
Tgt Ion:105 Resp: 315852
Ion Ratio Lower Upper
105 100
120 49.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.097 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion:105 Resp: 325873
Ion Ratio Lower Upper
105 100
120 45.6 36.8 55.2

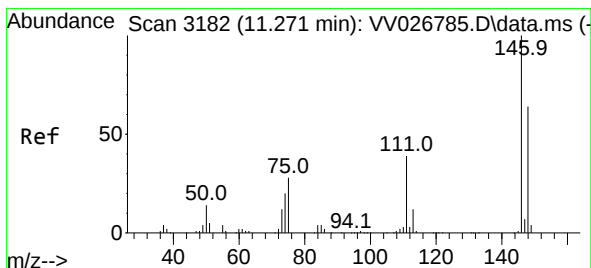
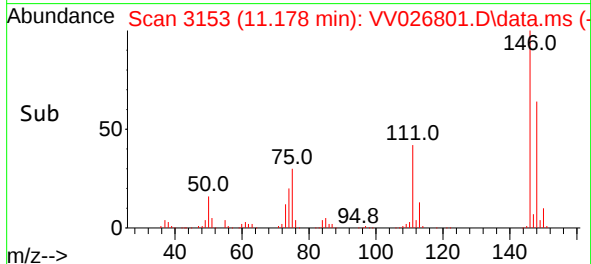
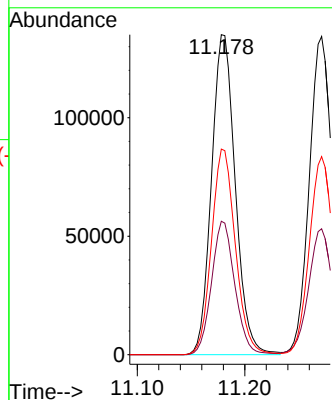
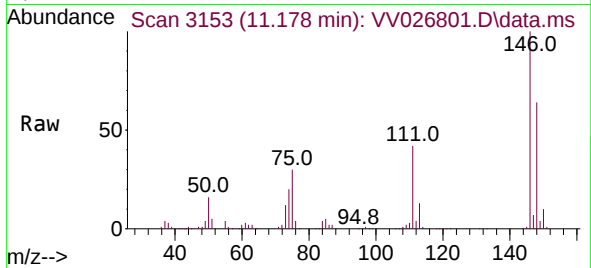




#64
 1,3-Dichlorobenzene
 Concen: 5.356 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.003 min
 Lab File: VV026801.D
 Acq: 15 Jul 2022 19:27

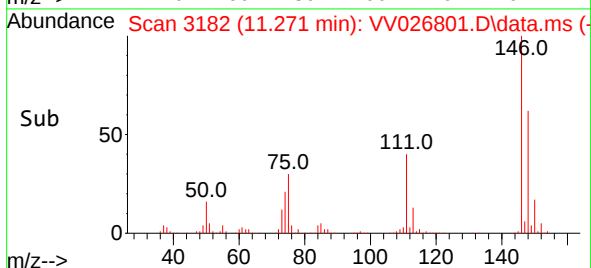
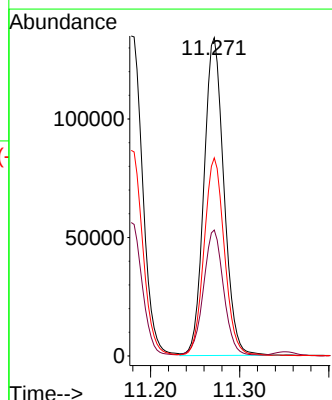
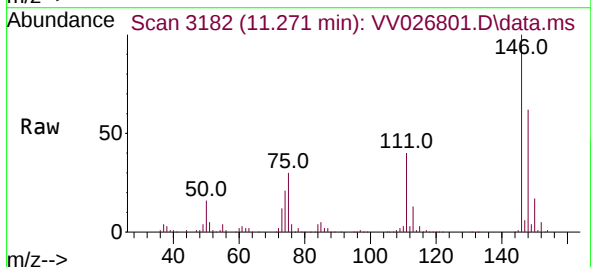
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B39MS

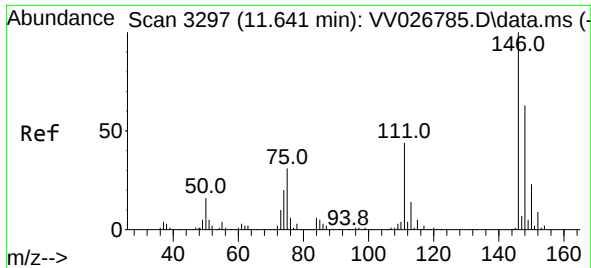
Tgt Ion:146 Resp: 207632
 Ion Ratio Lower Upper
 146 100
 111 41.7 27.9 51.7
 148 64.2 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 5.274 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026801.D
 Acq: 15 Jul 2022 19:27

Tgt Ion:146 Resp: 207916
 Ion Ratio Lower Upper
 146 100
 111 39.6 26.8 49.8
 148 62.3 43.3 80.5

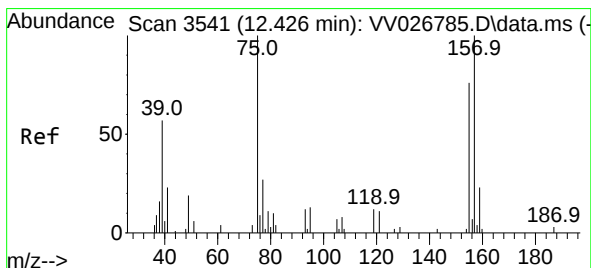
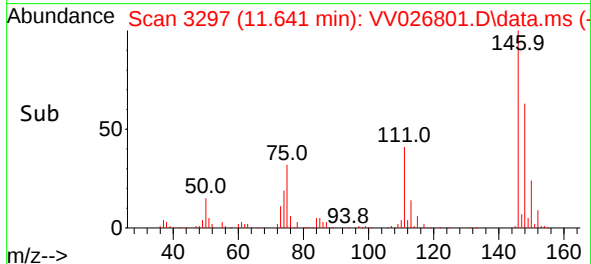
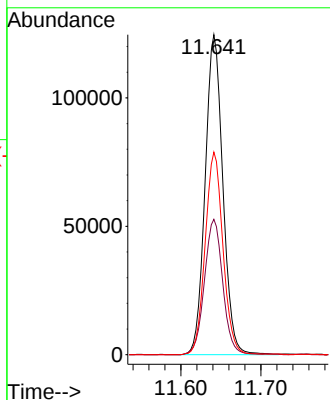
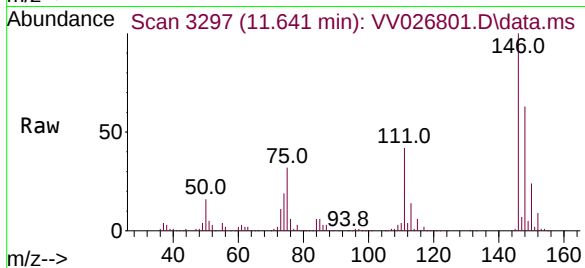




#67
1,2-Dichlorobenzene
Concen: 5.315 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

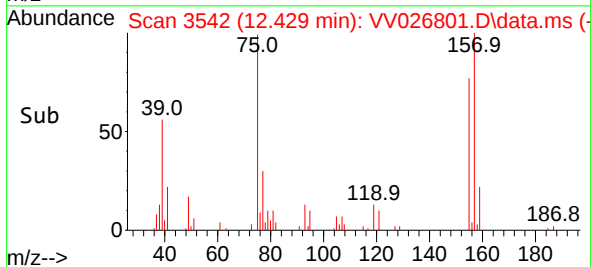
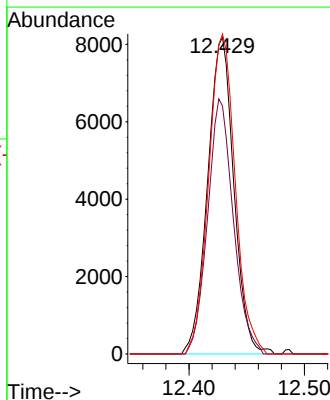
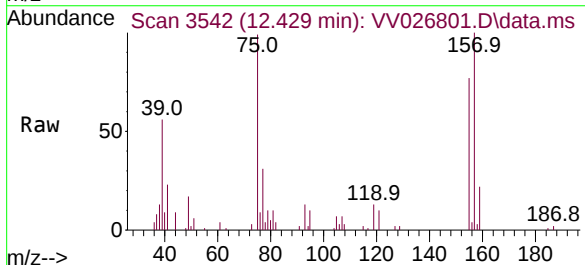
Instrument :
MSVOA_V
ClientSampleId :
H0B39MS

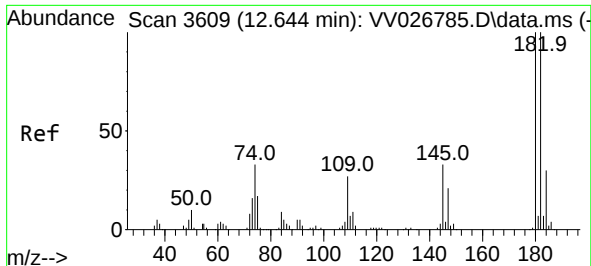
Tgt Ion:146 Resp: 192428
Ion Ratio Lower Upper
146 100
111 42.3 34.6 52.0
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.198 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026801.D
Acq: 15 Jul 2022 19:27

Tgt Ion: 75 Resp: 12892
Ion Ratio Lower Upper
75 100
155 78.3 60.3 90.5
157 101.1 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 5.088 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

H0B39MS

Tgt Ion:180 Resp: 139428

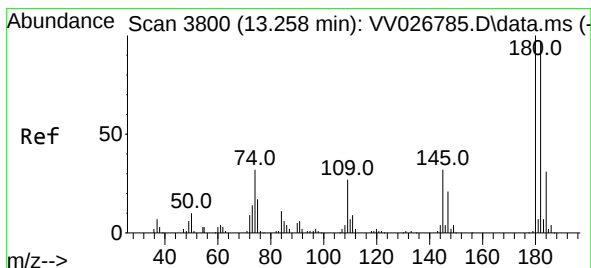
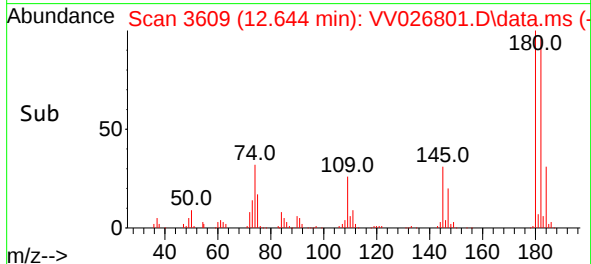
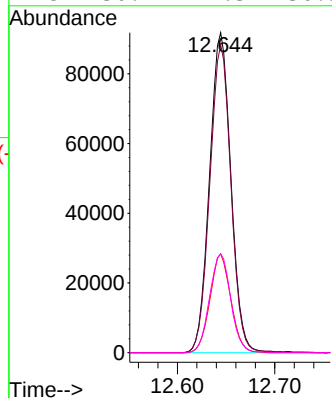
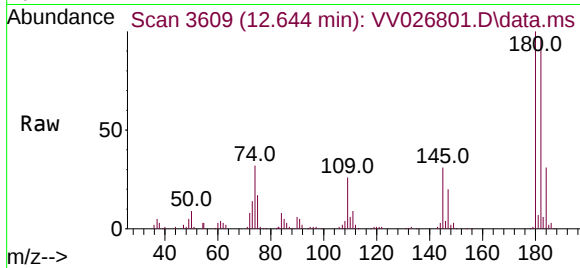
Ion Ratio Lower Upper

180 100

182 95.4 74.0 111.0

184 30.1 23.1 34.7

145 30.7 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.967 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

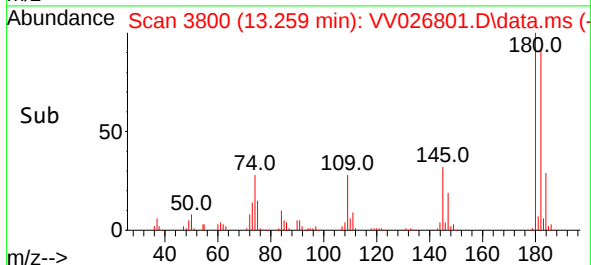
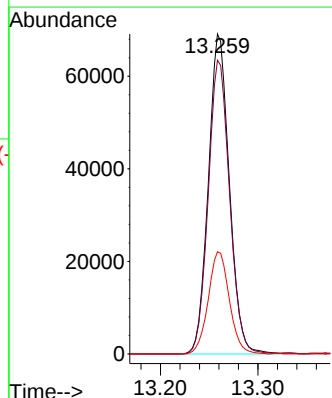
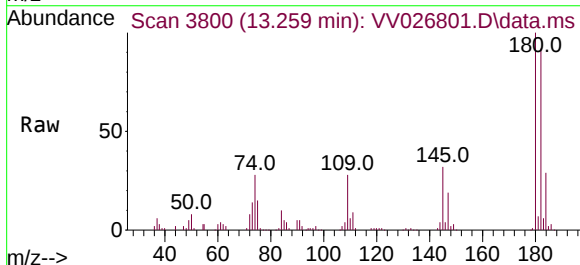
Tgt Ion:180 Resp: 103520

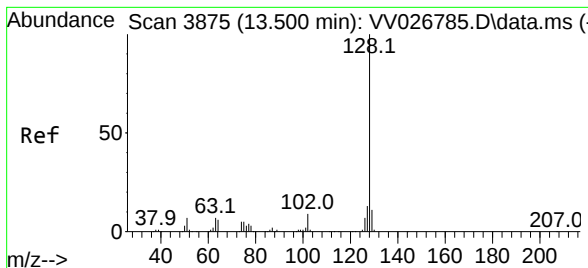
Ion Ratio Lower Upper

180 100

182 93.3 74.7 112.1

145 32.2 24.7 37.1





#71

Naphthalene

Concen: 4.896 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

H0B39MS

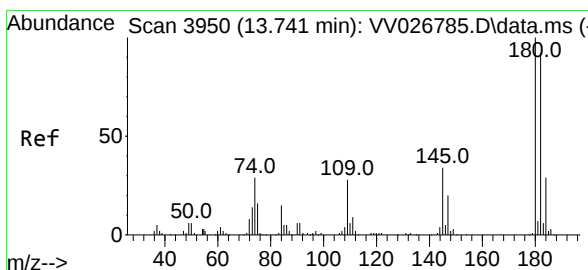
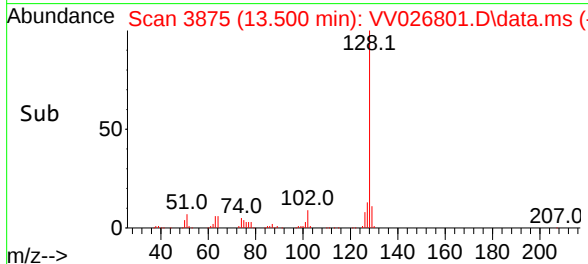
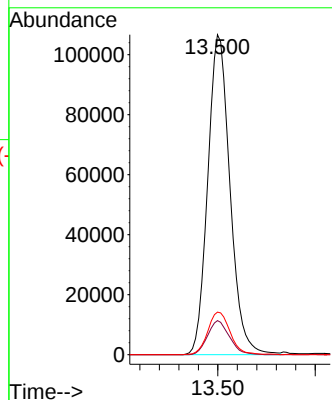
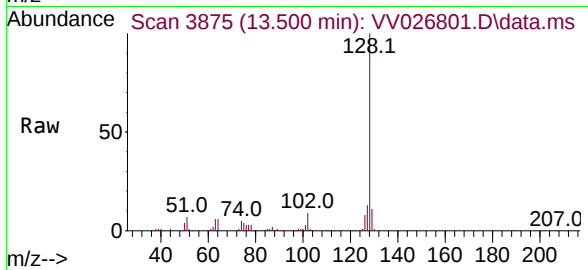
Tgt Ion:128 Resp: 169032

Ion Ratio Lower Upper

128 100

129 10.4 8.4 12.6

127 13.4 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.985 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026801.D

Acq: 15 Jul 2022 19:27

Tgt Ion:180 Resp: 96666

Ion Ratio Lower Upper

180 100

182 97.9 75.0 112.4

145 35.6 26.0 39.0

