

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028214.D
 Acq On : 30 Sep 2022 02:35
 Operator : SY/MD
 Sample : N4865-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

Quant Time: Sep 30 06:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	153774	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69395	4.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.561	69	58689	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.101	63	115977	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.895	46	110922	41.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.420%
24) Chloroform-d	4.342	84	112228	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.027	65	51369	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.043	84	220503	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.066	67	63008	3.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.310	98	243480	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.619	79	24287	4.167	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.085	63	108782	44.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49160	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	81342	4.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	53325	4.643	ug/L	92
3) Chloromethane	1.236	50	54007	3.551	ug/L	98
5) Vinyl chloride	1.304	62	57130	4.791	ug/L	84
6) Bromomethane	1.516	94	22250	2.865	ug/L	97
8) Chloroethane	1.580	64	49941	6.245	ug/L	86
9) Trichlorofluoromethane	1.748	101	96211	5.082	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	55492	5.086	ug/L	95
12) 1,1-Dichloroethene	2.111	96	48688	4.581	ug/L	88
13) Acetone	2.188	43	80758	38.955	ug/L	98
14) Carbon disulfide	2.288	76	88801	4.354	ug/L	98
15) Methyl Acetate	2.436	43	14820	3.683	ug/L #	87
16) Methylene chloride	2.500	84	67009	5.649	ug/L	85
17) Methyl tert-butyl Ether	2.764	73	110898	4.851	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	44952	4.832	ug/L	93
19) 1,1-Dichloroethane	3.182	63	93807	4.622	ug/L	97
21) 2-Butanone	3.976	43	111385	43.398	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	54232	4.443	ug/L	93
23) Bromochloromethane	4.243	128	25700	5.258	ug/L #	75
25) Chloroform	4.368	83	103388	4.748	ug/L	98

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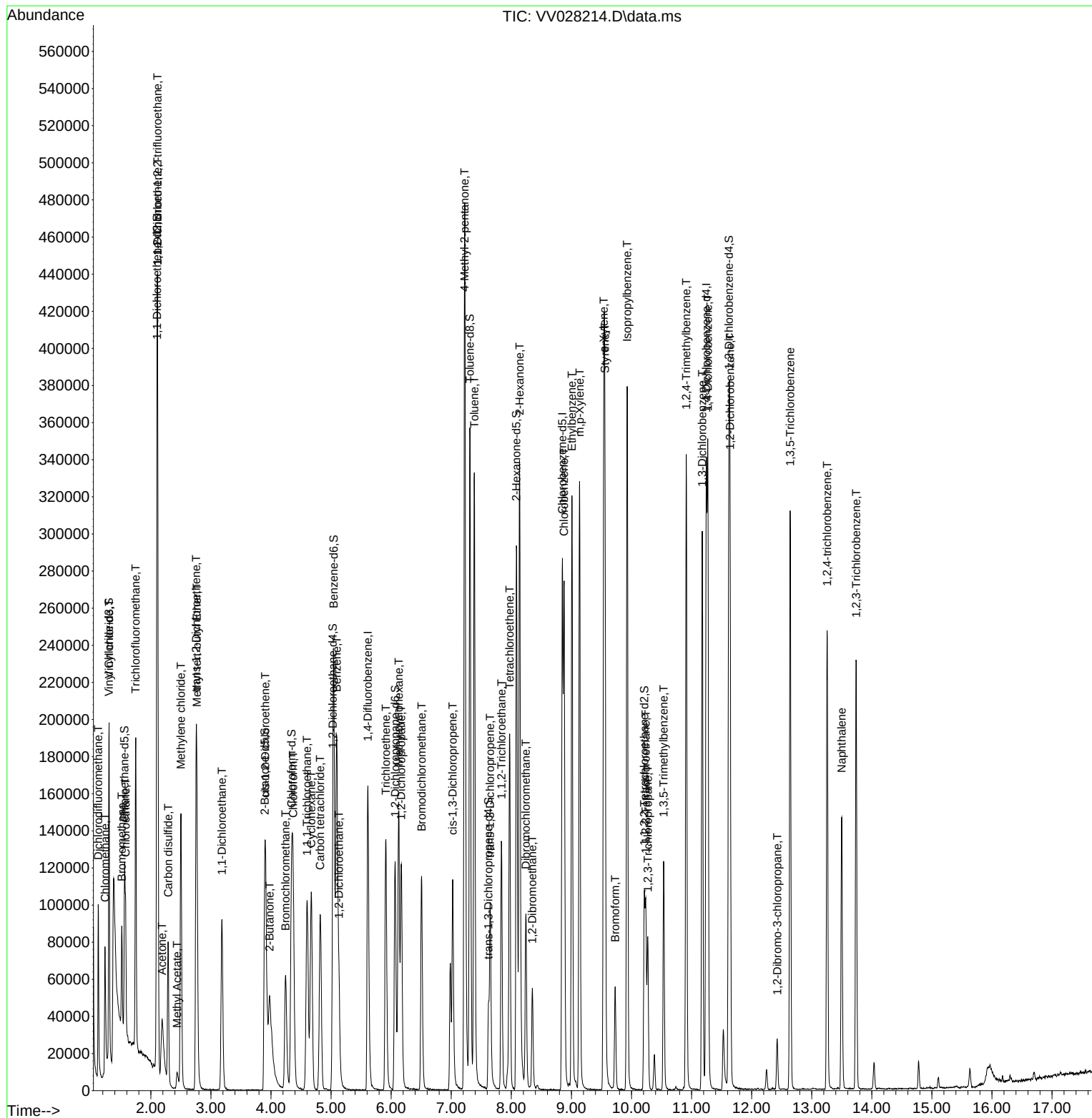
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55407	4.772	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	89327	4.605	ug/L	97
30) Cyclohexane	4.670	56	54288	3.870	ug/L	87
31) Carbon tetrachloride	4.818	117	75389	4.723	ug/L	99
33) Benzene	5.095	78	202771	4.626	ug/L	100
34) Trichloroethene	5.911	95	50569	4.634	ug/L	92
35) Methylcyclohexane	6.127	83	62847	4.200	ug/L	93
37) 1,2-Dichloropropane	6.169	63	49521	4.030	ug/L	98
38) Bromodichloromethane	6.506	83	81804	5.392	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	72173	4.728	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	308234	51.652	ug/L	95
42) Toluene	7.384	91	250845	5.486	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	59734	4.550	ug/L	93
45) 1,1,2-Trichloroethane	7.837	97	43621	5.296	ug/L	98
47) Tetrachloroethene	7.972	164	46017	5.283	ug/L	94
48) 2-Hexanone	8.136	43	208864	46.104	ug/L #	95
49) Dibromochloromethane	8.243	129	49473	4.995	ug/L	98
50) 1,2-Dibromoethane	8.349	107	36518	5.101	ug/L	99
51) Chlorobenzene	8.879	112	153201	4.995	ug/L	98
52) Ethylbenzene	9.008	91	221634	4.582	ug/L	98
53) m,p-Xylene	9.136	106	97239	5.245	ug/L	93
54) o-Xylene	9.538	106	91942	5.022	ug/L	99
55) Styrene	9.558	104	155835	4.913	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	47609	4.960	ug/L	98
59) Bromoform	9.728	173	25667	4.488	ug/L	99
60) Isopropylbenzene	9.927	105	247583	4.683	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	33904	4.488	ug/L	93
62) 1,3,5-Trimethylbenzene	10.535	105	64945	4.361	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	186819	4.488	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	130615	4.965	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	137519	5.224	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	124107	4.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7160	4.324	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	102406	4.918	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	82788	4.971	ug/L	98
71) Naphthalene	13.500	128	124560	4.567	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75009	4.979	ug/L	99

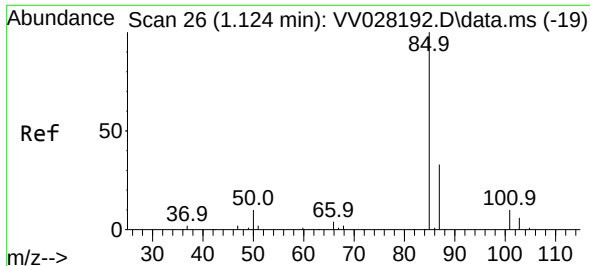
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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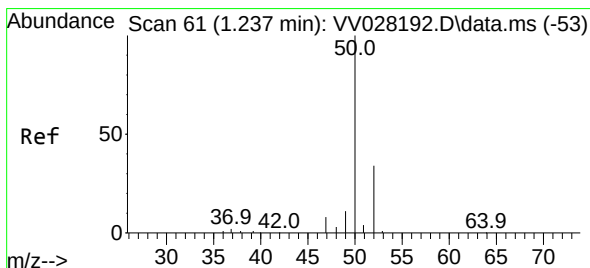
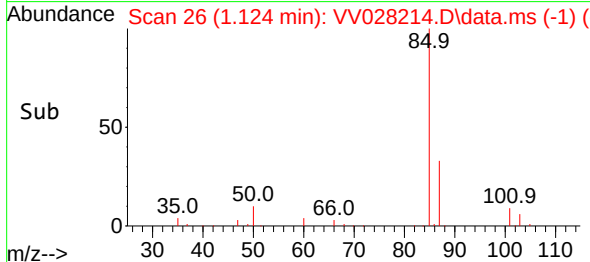
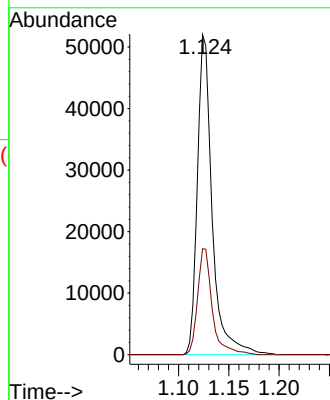
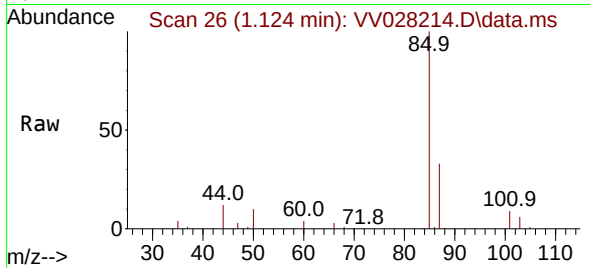




#2
 Dichlorodifluoromethane
 Concen: 4.643 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

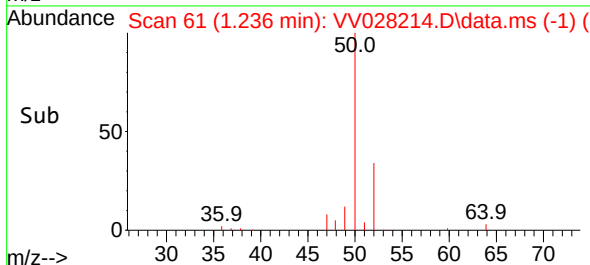
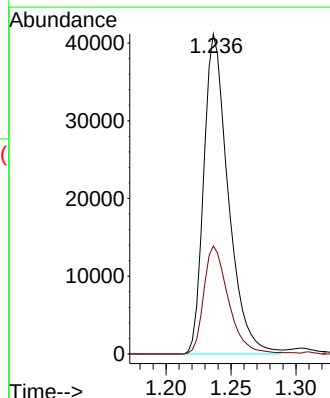
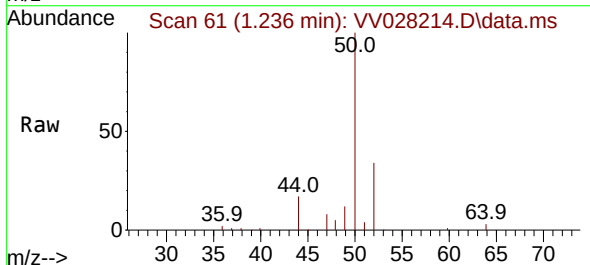
Instrument : MSVOA_V
 ClientSampleId : EW842MS

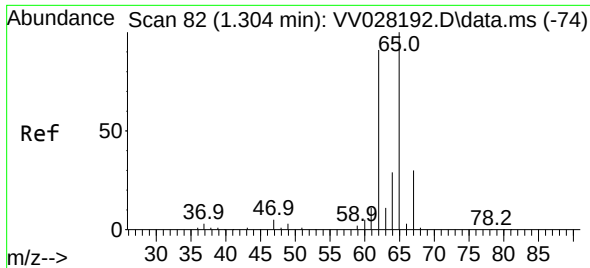
Tgt Ion: 85 Resp: 53325
 Ion Ratio Lower Upper
 85 100
 87 32.8 22.8 34.2



#3
 Chloromethane
 Concen: 3.551 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion: 50 Resp: 54007
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.4 45.2

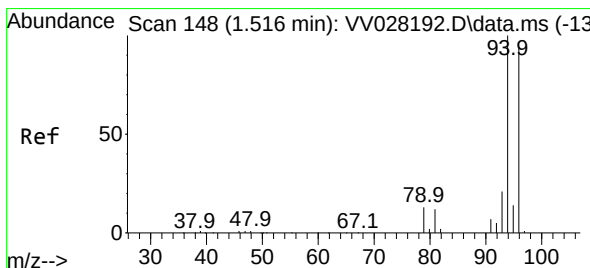
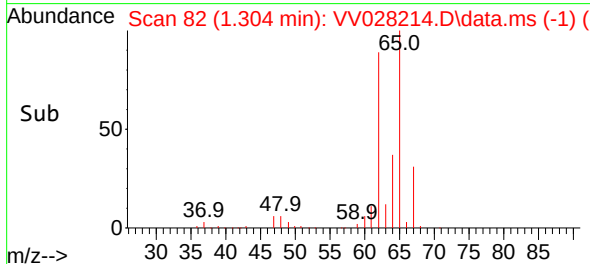
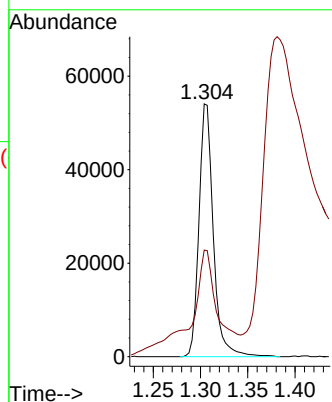
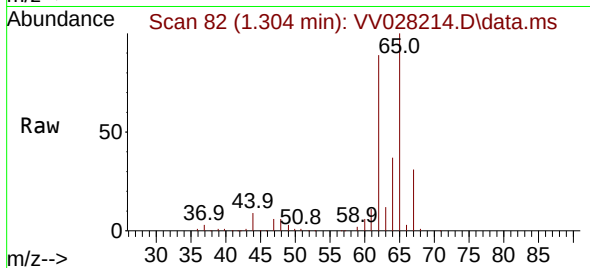




#5
 Vinyl chloride
 Concen: 4.791 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

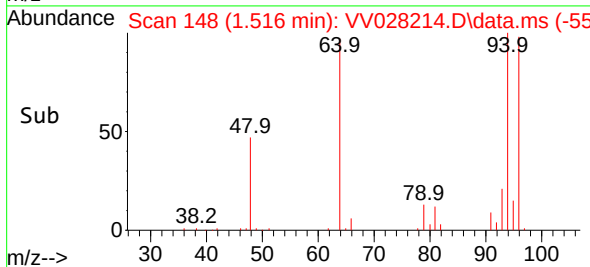
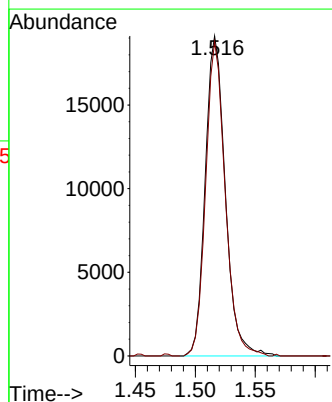
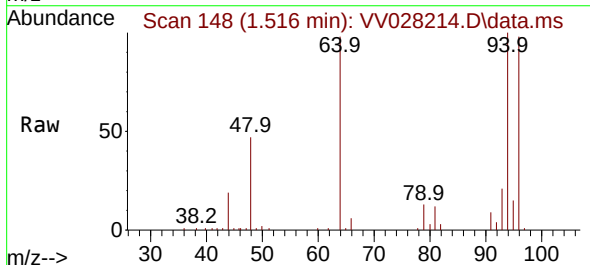
Instrument :
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 ClientSampleId :
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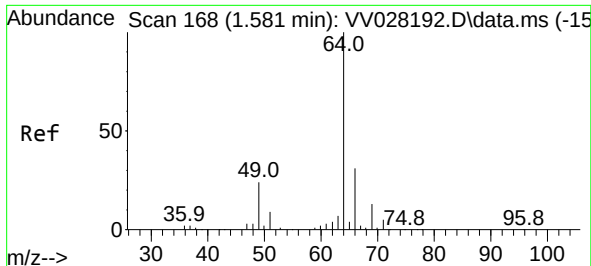
Tgt Ion: 62 Resp: 57130
 Ion Ratio Lower Upper
 62 100
 64 42.1 23.0 42.8



#6
 Bromomethane
 Concen: 2.865 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion: 94 Resp: 22250
 Ion Ratio Lower Upper
 94 100
 96 98.2 66.7 123.9

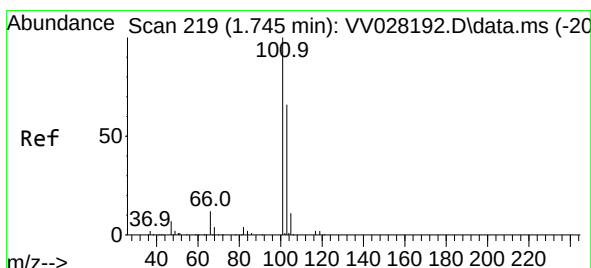
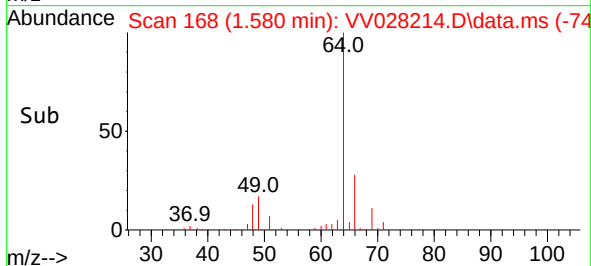
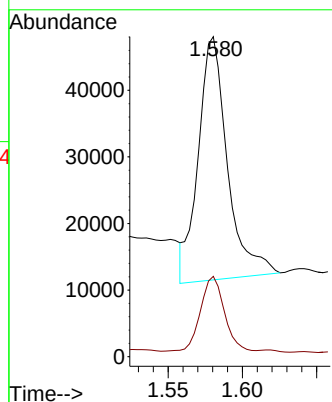
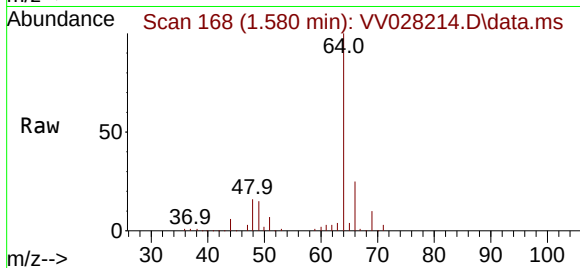




#8
Chloroethane
Concen: 6.245 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

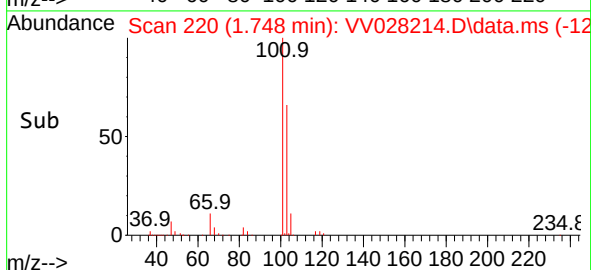
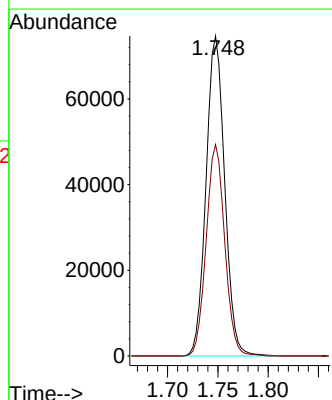
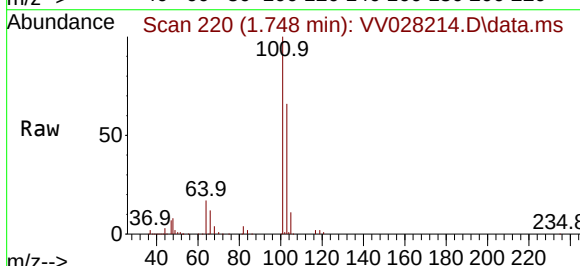
Instrument :
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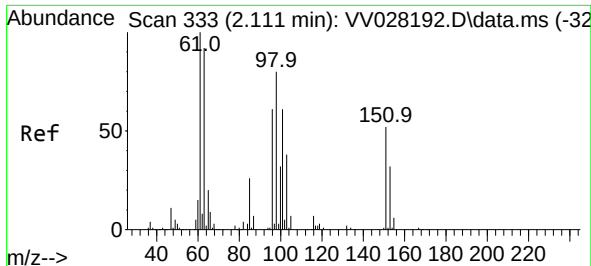
Tgt Ion: 64 Resp: 49941
Ion Ratio Lower Upper
64 100
66 25.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.082 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 101 Resp: 96211
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

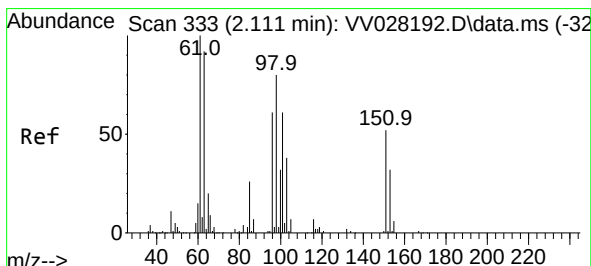
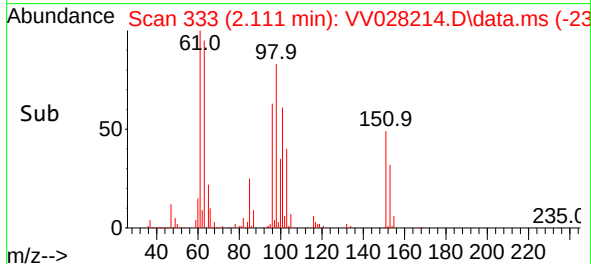
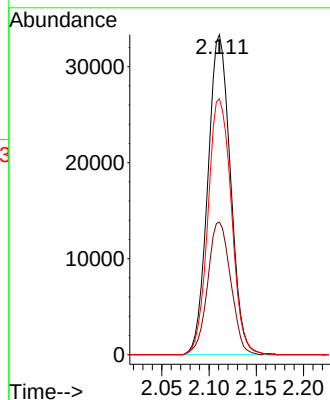
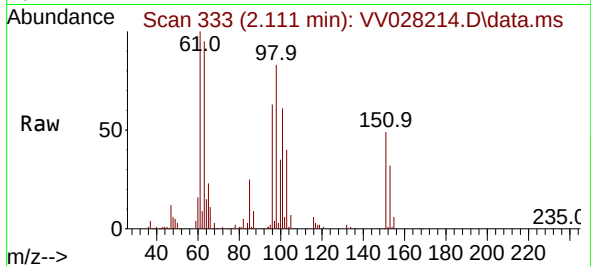




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.086 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028214.D
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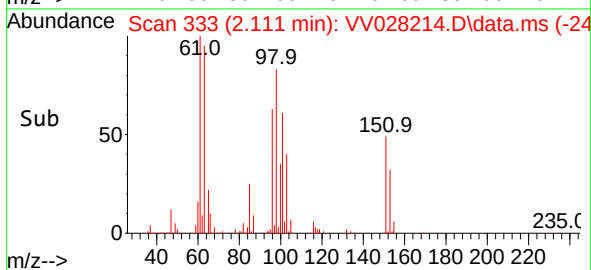
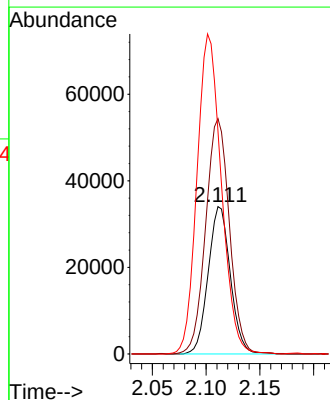
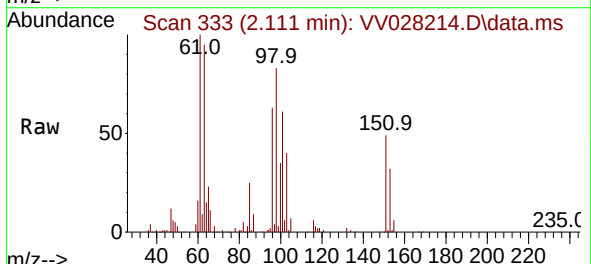
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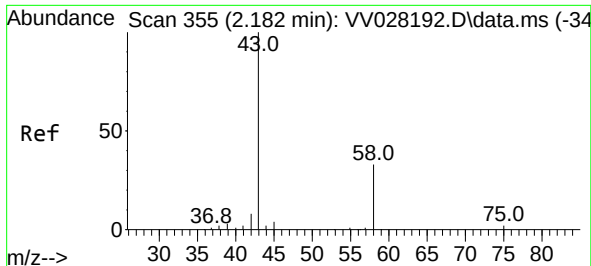
Tgt Ion:	101	Resp:	55492
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	82.7	61.1	91.7



#12
 1,1-Dichloroethene
 Concen: 4.581 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028214.D
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Tgt Ion:	96	Resp:	48688
Ion Ratio	Lower	Upper	
96	100		
61	159.7	128.3	238.3
63	151.4	112.7	209.3





#13

Acetone

Concen: 38.955 ug/L

RT: 2.188 min Scan# 355

Delta R.T. -0.000 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

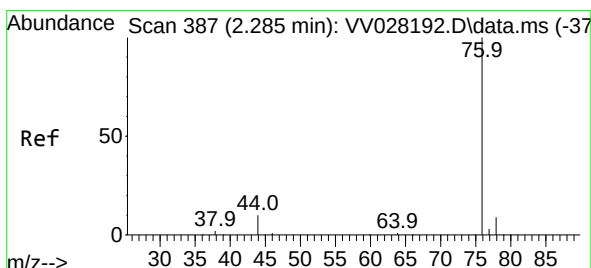
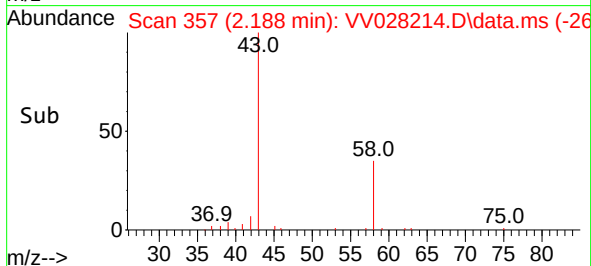
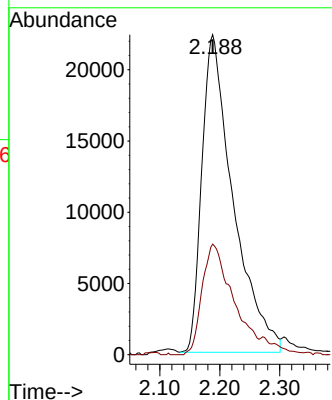
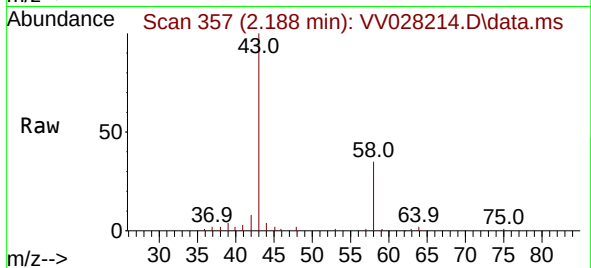
EW842MS

Tgt Ion: 43 Resp: 80758

Ion Ratio Lower Upper

43 100

58 34.2 0.0 65.6



#14

Carbon disulfide

Concen: 4.354 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028214.D

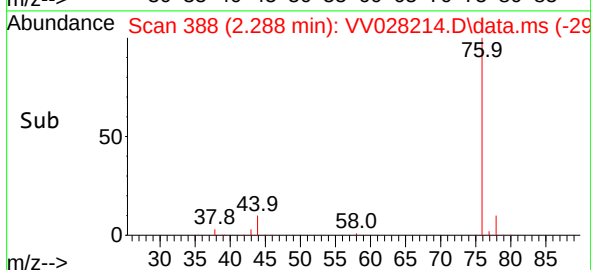
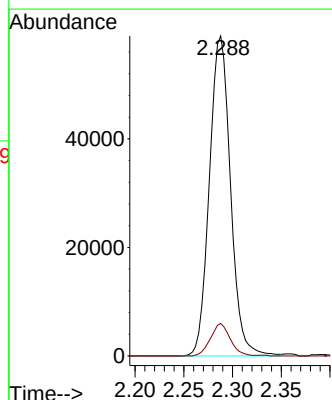
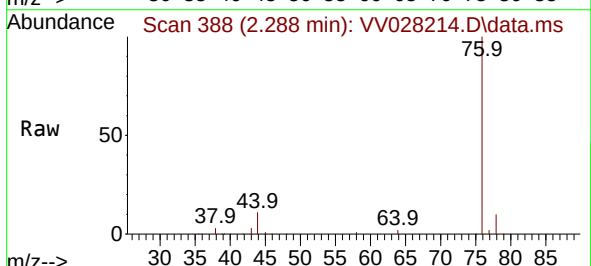
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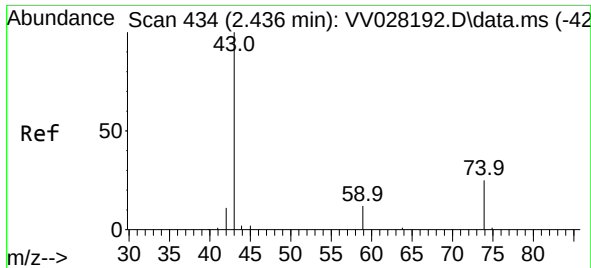
Tgt Ion: 76 Resp: 88801

Ion Ratio Lower Upper

76 100

78 10.1 7.6 11.4

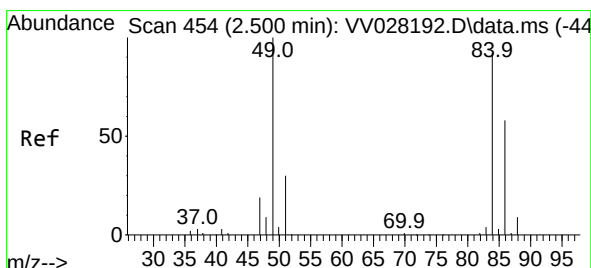
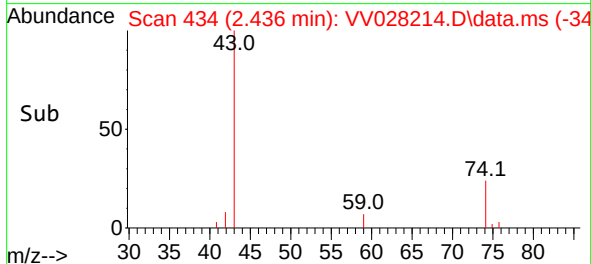
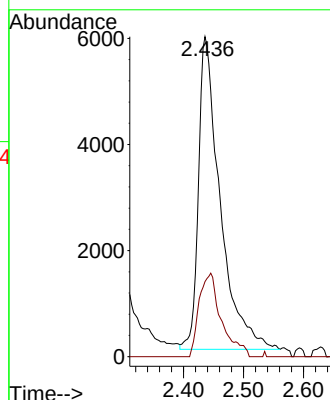
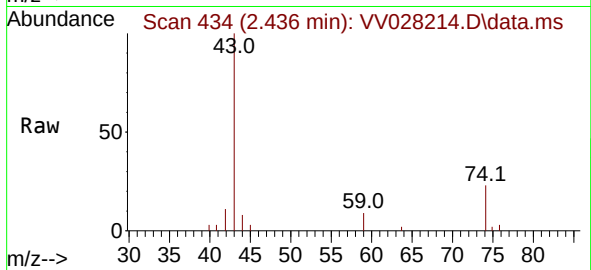




#15
Methyl Acetate
Concen: 3.683 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

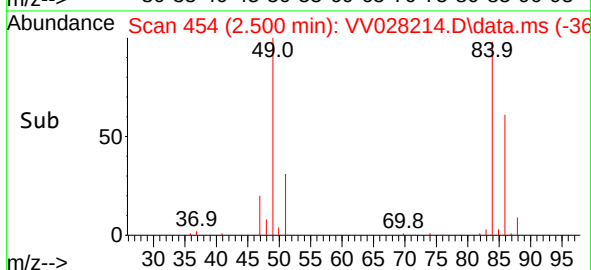
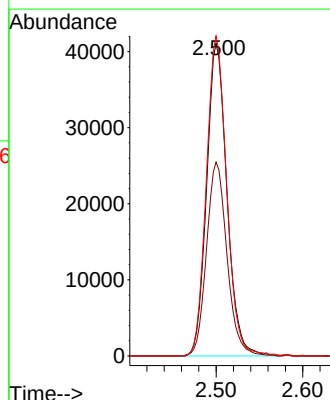
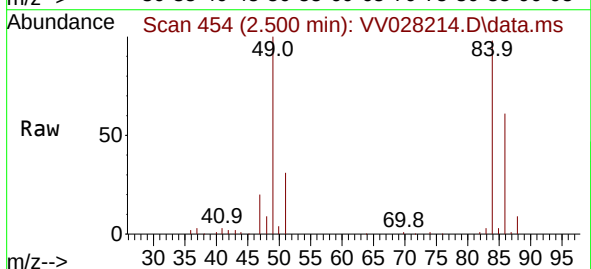
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

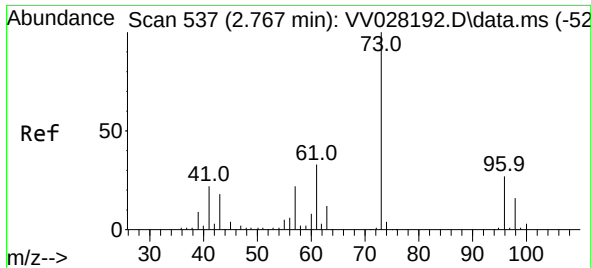
Tgt Ion: 43 Resp: 14820
Ion Ratio Lower Upper
43 100
74 27.3 16.9 25.3#



#16
Methylene chloride
Concen: 5.649 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 84 Resp: 67009
Ion Ratio Lower Upper
84 100
86 62.0 46.8 86.8
49 102.3 87.5 162.5

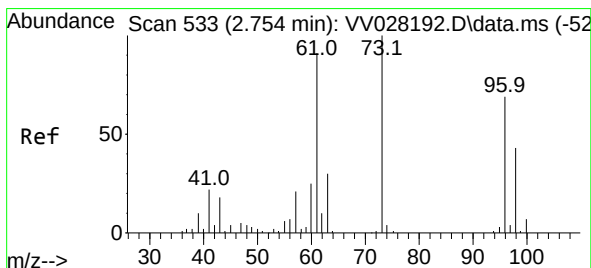
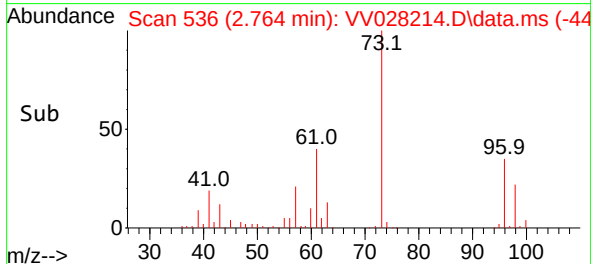
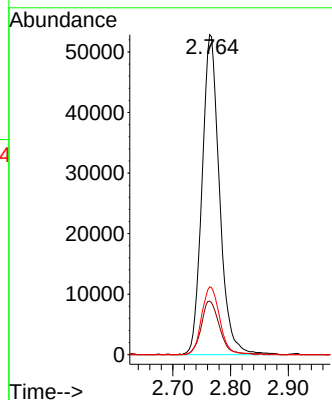
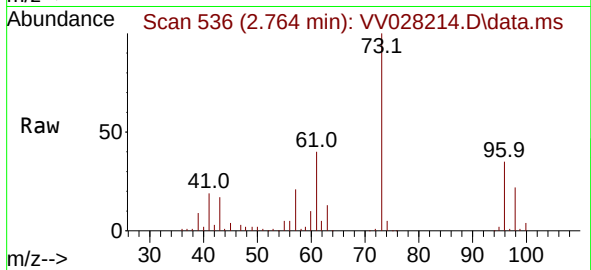




#17
Methyl tert-butyl Ether
Concen: 4.851 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

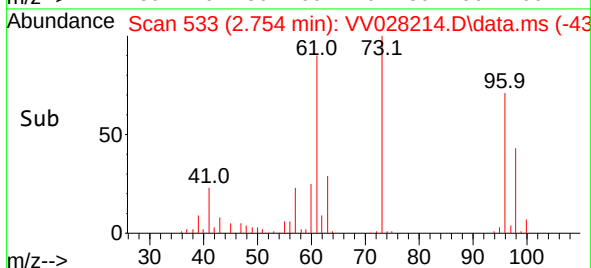
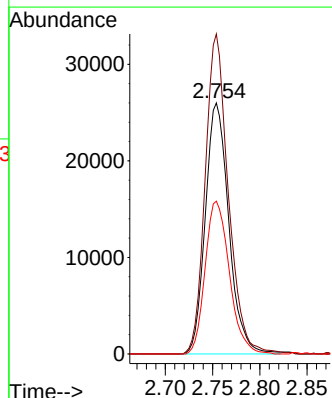
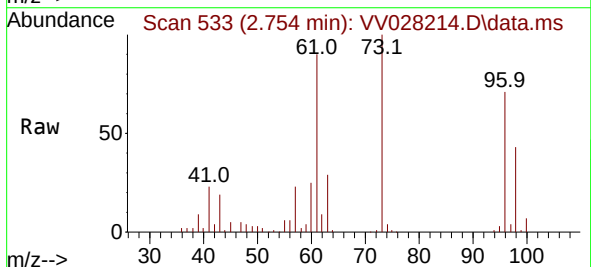
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

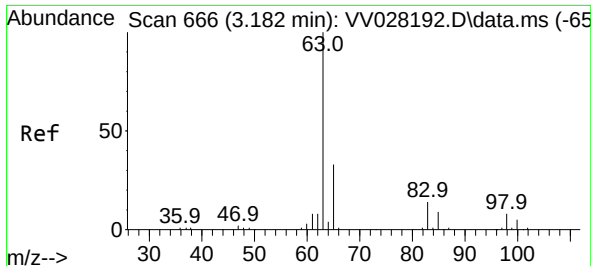
Tgt Ion: 73 Resp: 110898
Ion Ratio Lower Upper
73 100
43 17.7 15.7 23.5
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.832 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 96 Resp: 44952
Ion Ratio Lower Upper
96 100
61 127.4 96.2 178.6
98 60.8 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.622 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EW842MS

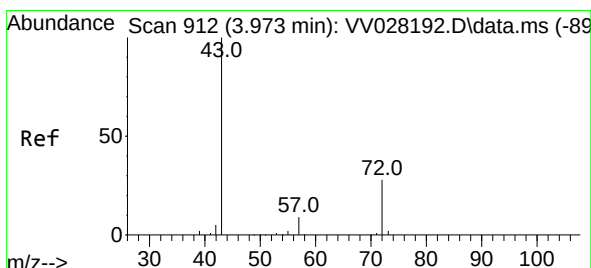
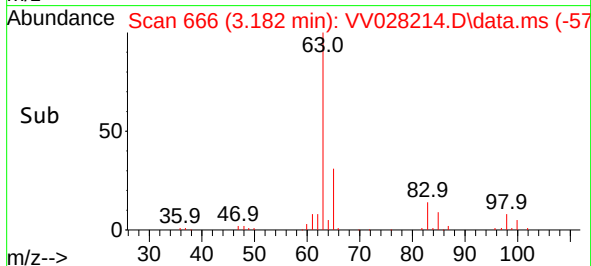
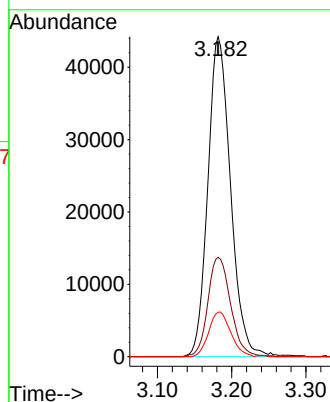
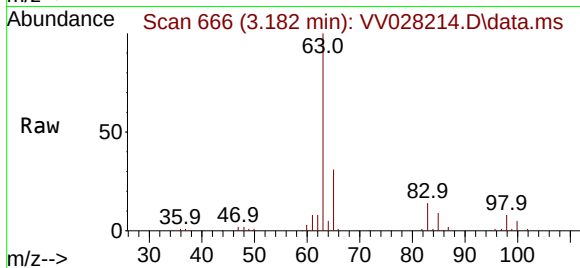
Tgt Ion: 63 Resp: 93807

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 13.9 9.2 17.2



#21

2-Butanone

Concen: 43.398 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.000 min

Lab File: VV028214.D

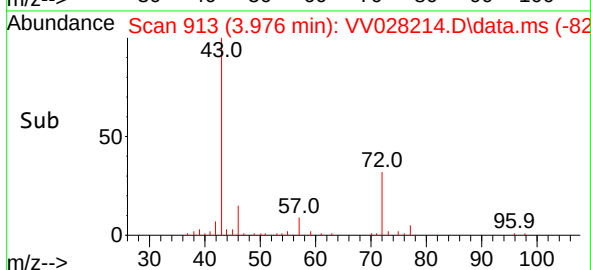
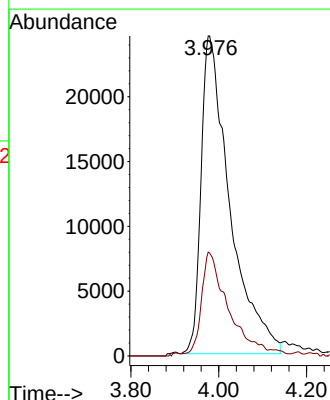
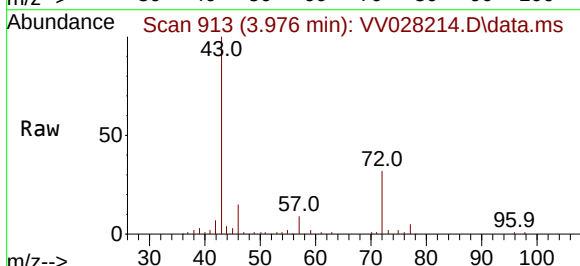
Acq: 30 Sep 2022 02:35

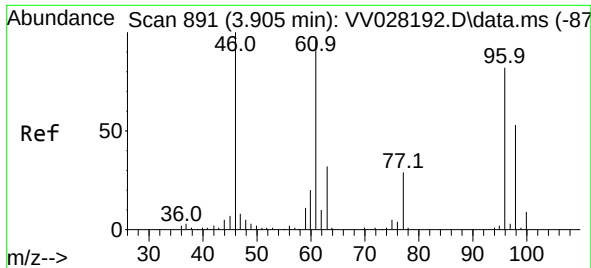
Tgt Ion: 43 Resp: 111385

Ion Ratio Lower Upper

43 100

72 29.1 12.7 38.1

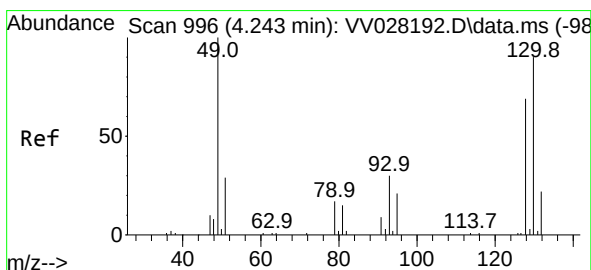
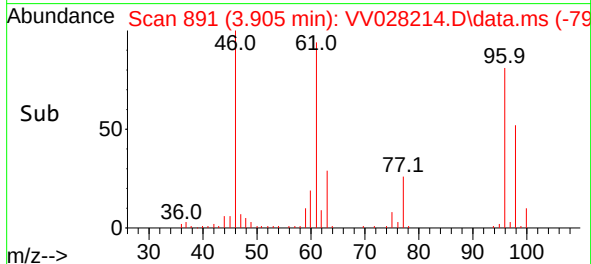
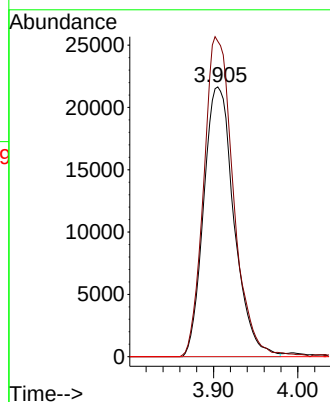
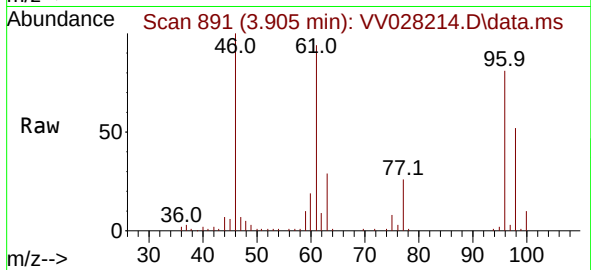




#22
 cis-1,2-Dichloroethene
 Concen: 4.443 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

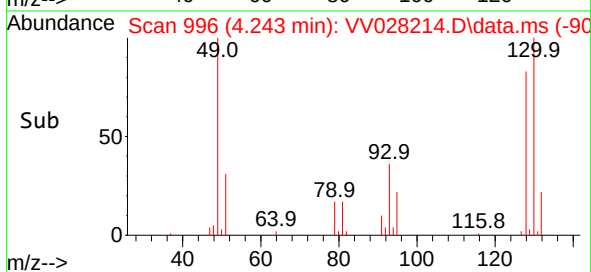
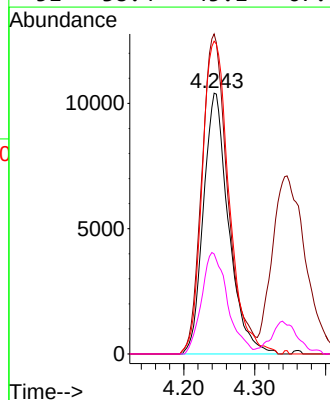
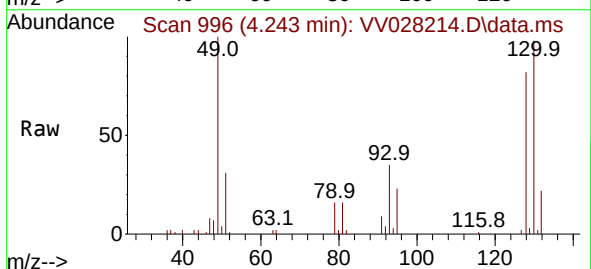
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

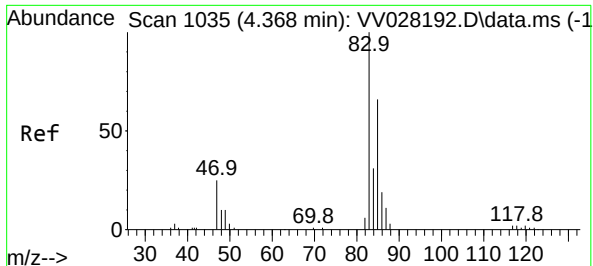
Tgt Ion: 96 Resp: 54232
 Ion Ratio Lower Upper
 96 100
 61 116.9 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.258 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion: 128 Resp: 25700
 Ion Ratio Lower Upper
 128 100
 49 122.7 119.9 222.7
 130 119.9 94.6 175.8
 51 38.4 45.1 67.7#





#25

Chloroform

Concen: 4.748 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

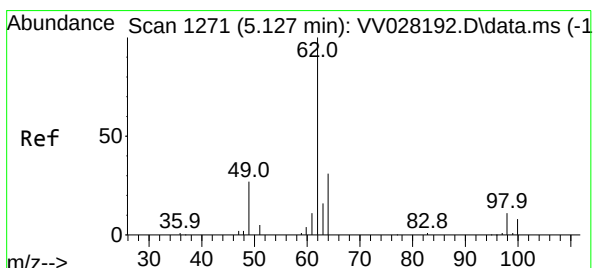
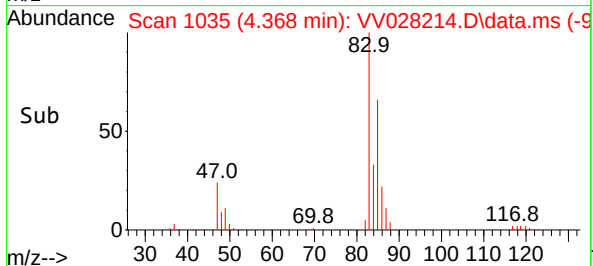
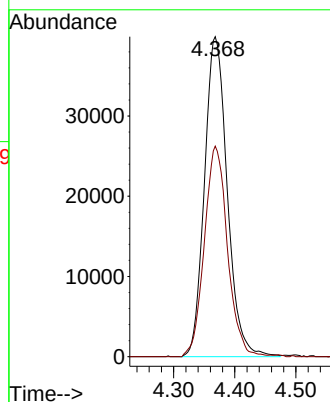
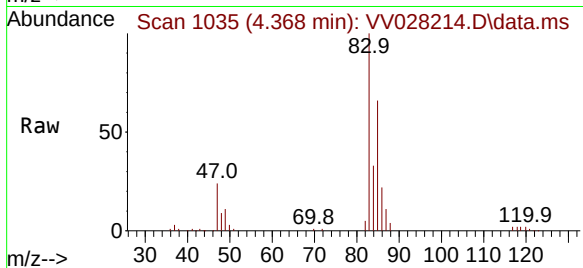
EW842MS

Tgt Ion: 83 Resp: 103388

Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.772 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV028214.D

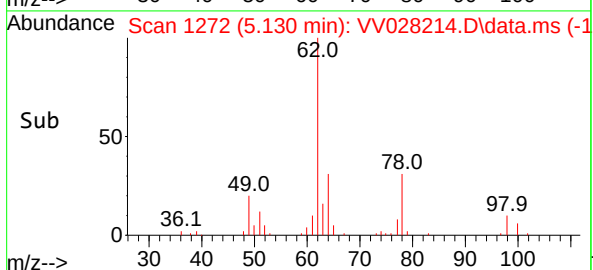
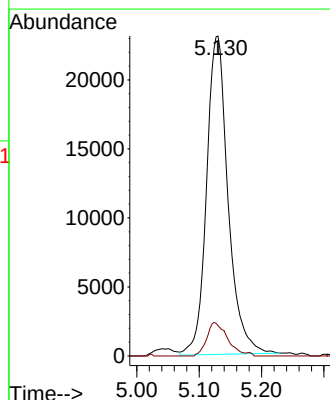
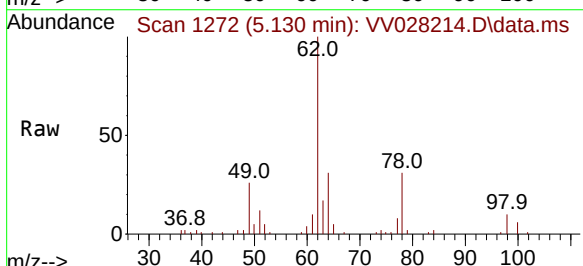
Acq: 30 Sep 2022 02:35

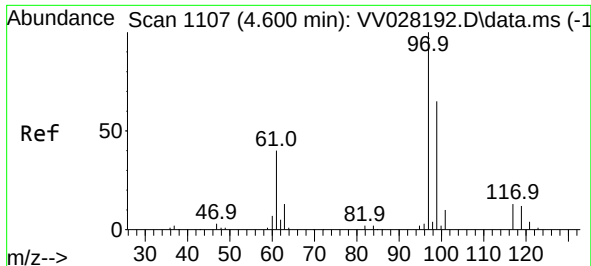
Tgt Ion: 62 Resp: 55407

Ion Ratio Lower Upper

62 100

98 9.5 6.7 10.1

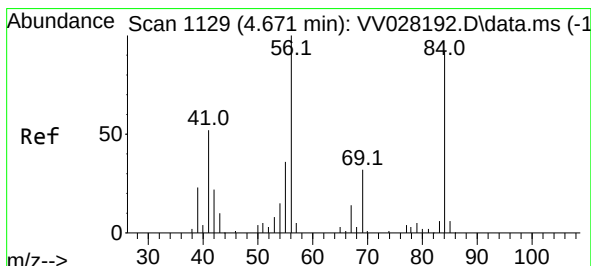
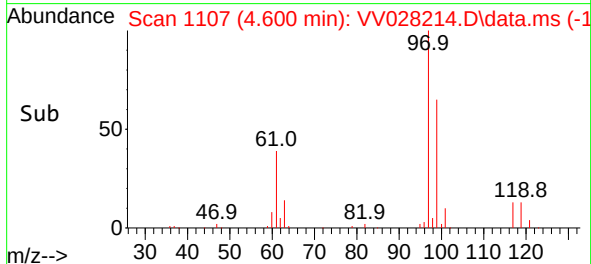
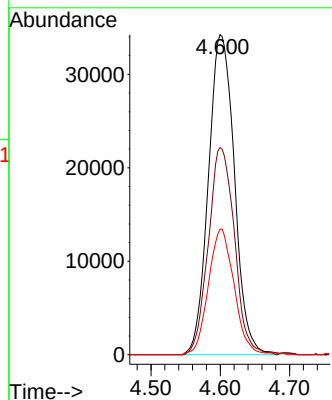
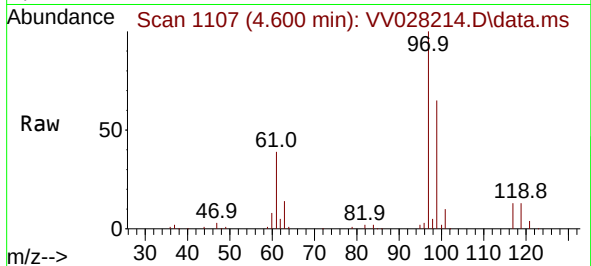




#29
1,1,1-Trichloroethane
Concen: 4.605 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

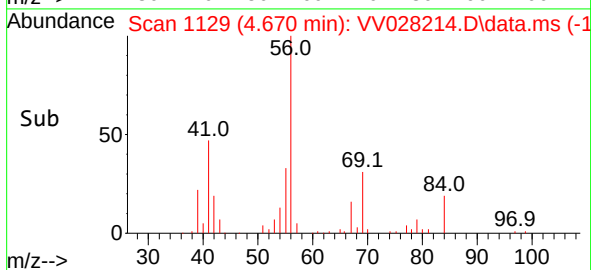
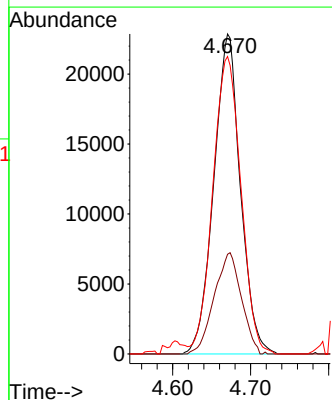
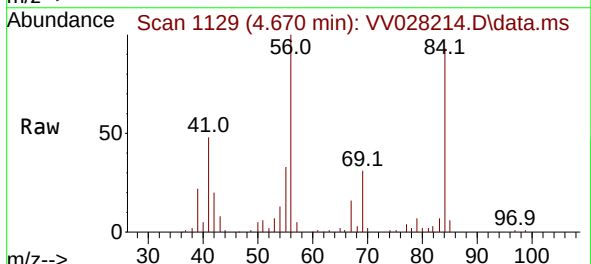
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

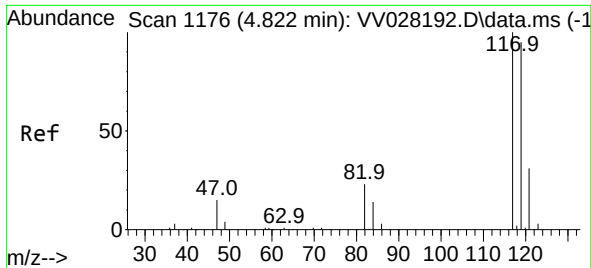
Tgt Ion: 97 Resp: 89327
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 38.6 34.8 52.2



#30
Cyclohexane
Concen: 3.870 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 56 Resp: 54288
Ion Ratio Lower Upper
56 100
69 32.3 23.7 35.5
84 98.3 67.3 100.9

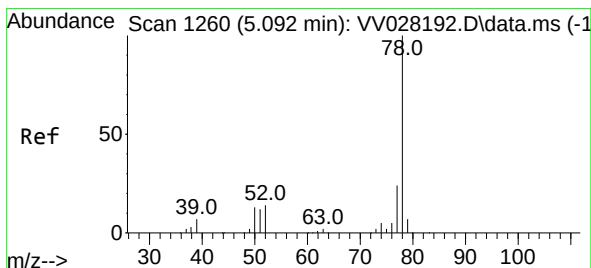
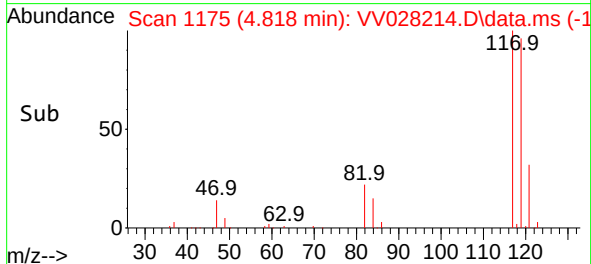
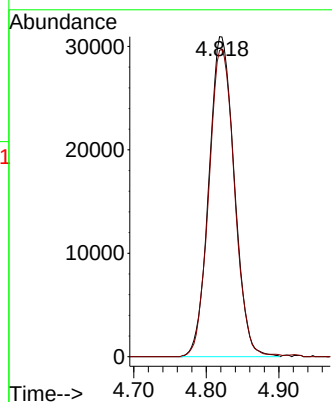
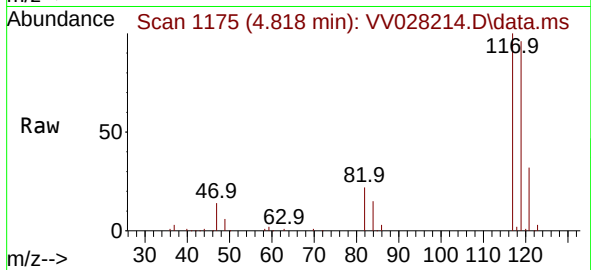




#31
Carbon tetrachloride
Concen: 4.723 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

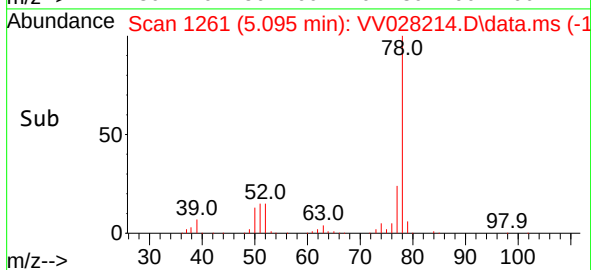
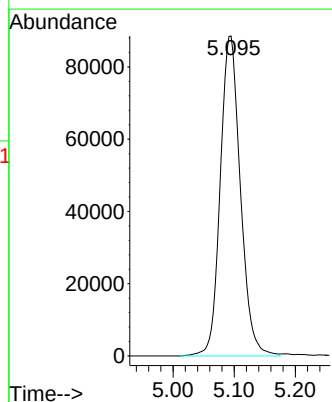
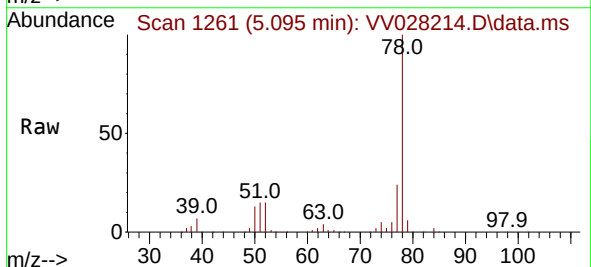
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

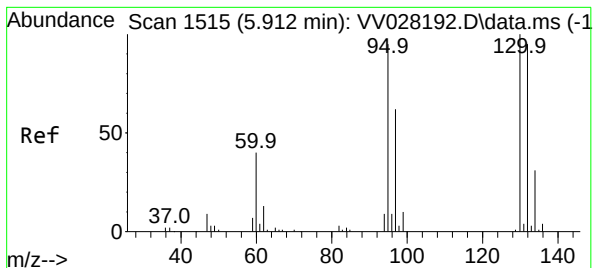
Tgt Ion:117 Resp: 75389
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#33
Benzene
Concen: 4.626 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 78 Resp: 202771





#34

Trichloroethene

Concen: 4.634 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EW842MS

Tgt Ion: 95 Resp: 50569

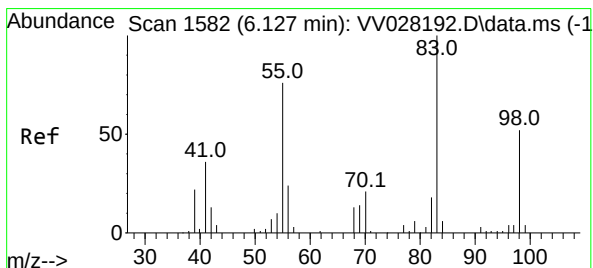
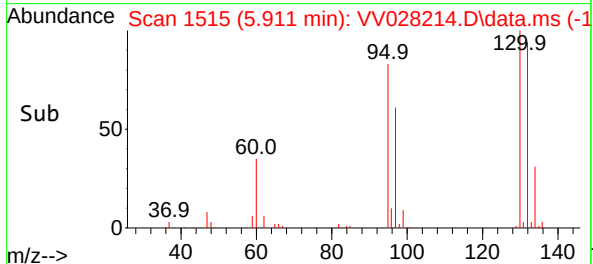
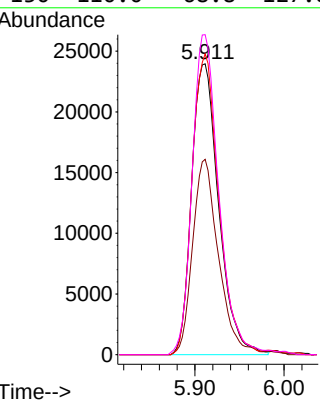
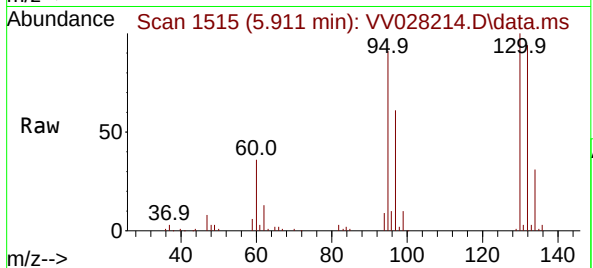
Ion Ratio Lower Upper

95 100

97 67.2 44.2 82.0

132 103.4 67.8 126.0

130 110.0 68.8 127.8



#35

Methylcyclohexane

Concen: 4.200 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.006 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

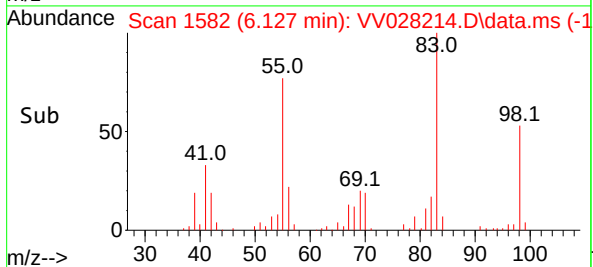
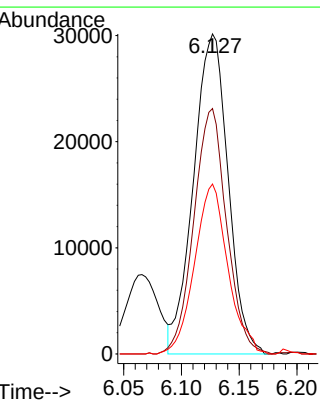
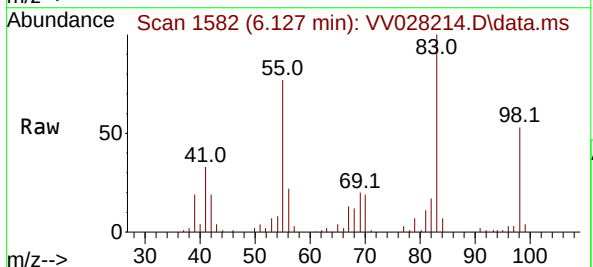
Tgt Ion: 83 Resp: 62847

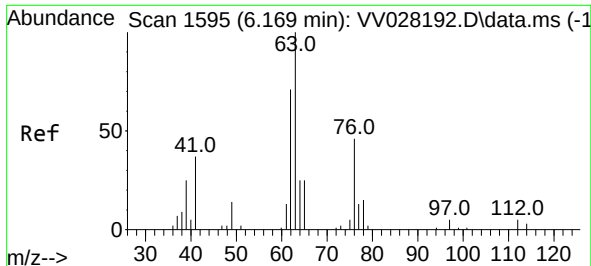
Ion Ratio Lower Upper

83 100

55 72.7 64.7 97.1

98 51.0 39.5 59.3

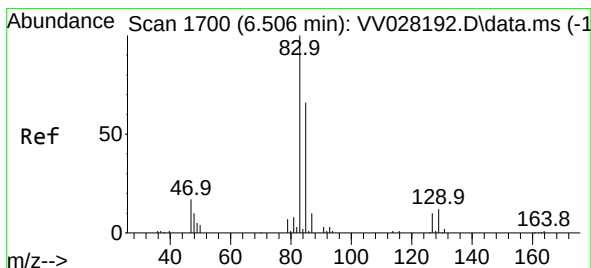
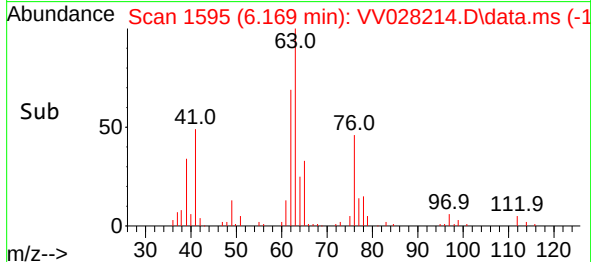
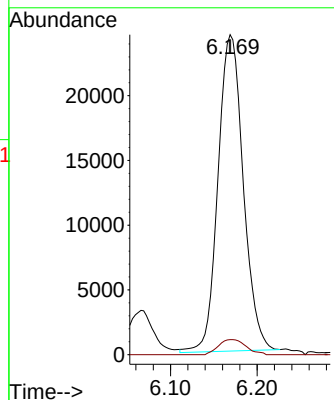
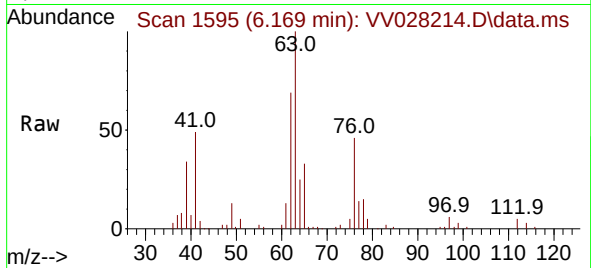




#37
1,2-Dichloropropane
Concen: 4.030 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

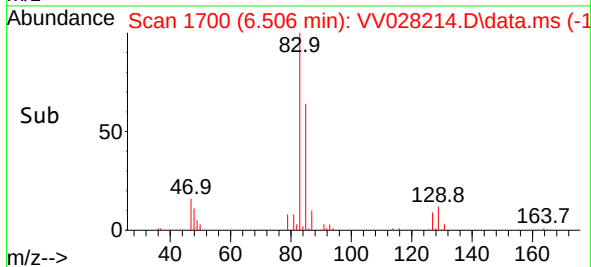
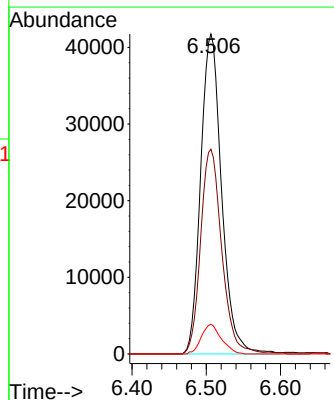
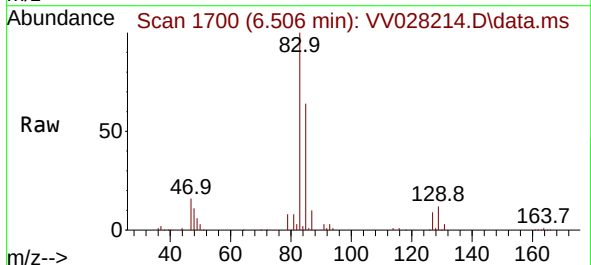
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

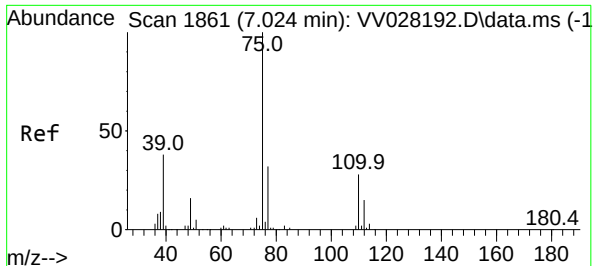
Tgt Ion: 63 Resp: 49521
Ion Ratio Lower Upper
63 100
112 5.2 3.5 5.3



#38
Bromodichloromethane
Concen: 5.392 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 83 Resp: 81804
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.4
127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.728 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

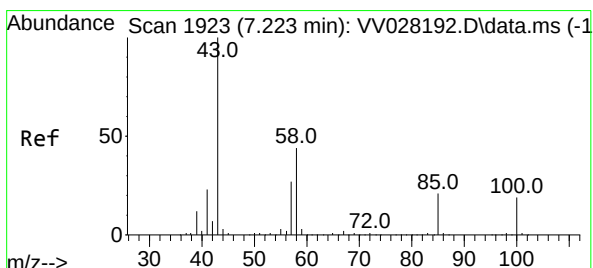
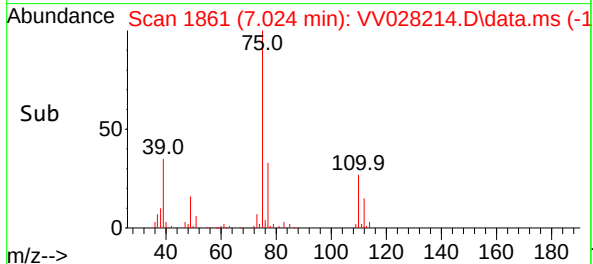
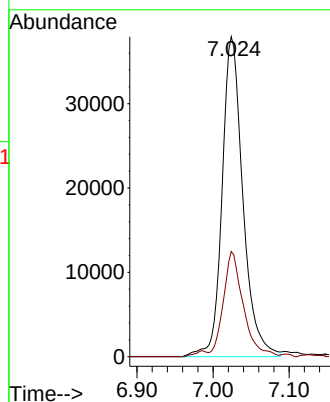
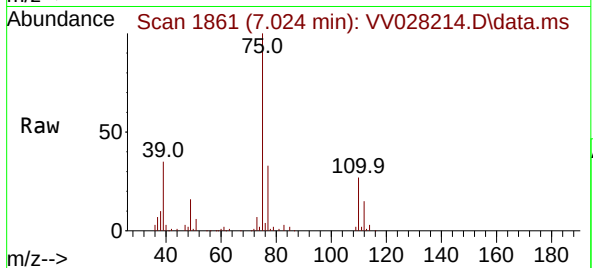
EW842MS

Tgt Ion: 75 Resp: 72173

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.652 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

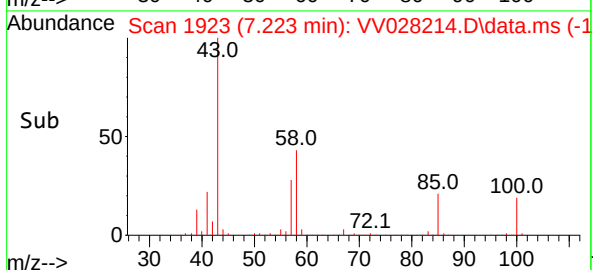
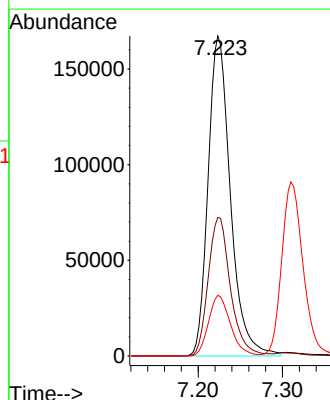
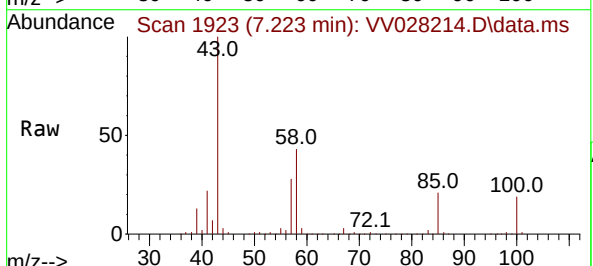
Tgt Ion: 43 Resp: 308234

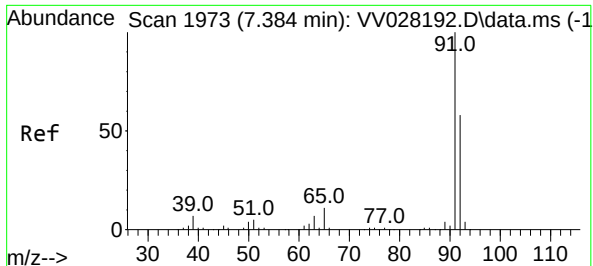
Ion Ratio Lower Upper

43 100

58 43.2 32.2 48.4

100 18.7 12.7 19.1





#42

Toluene

Concen: 5.486 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

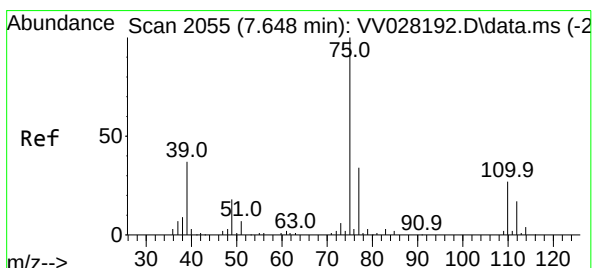
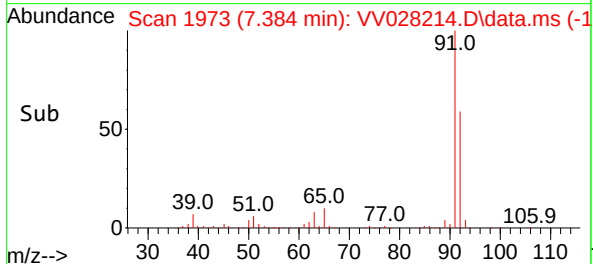
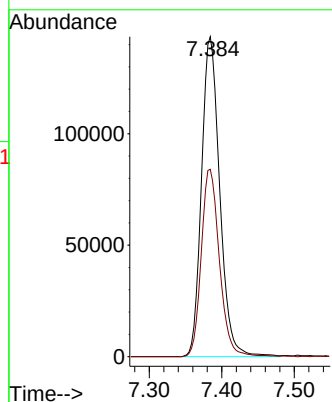
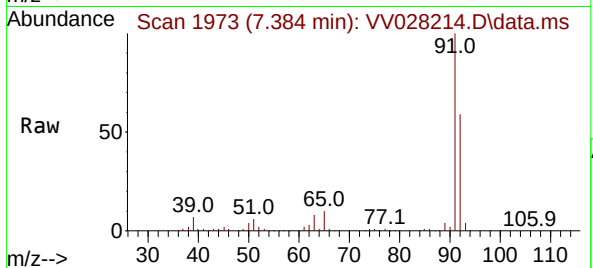
EW842MS

Tgt Ion: 91 Resp: 250845

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.550 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028214.D

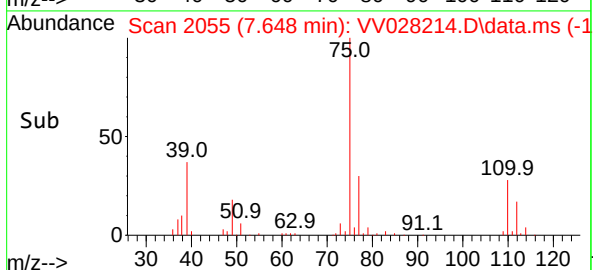
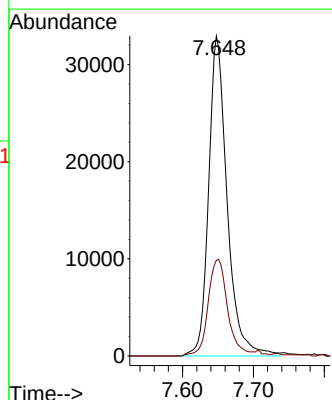
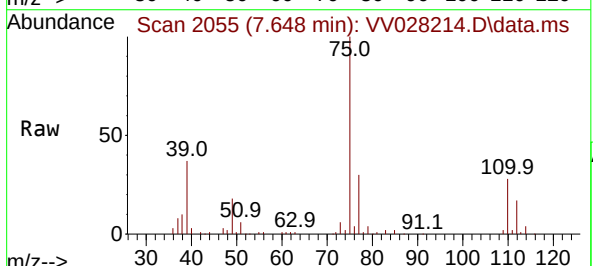
Acq: 30 Sep 2022 02:35

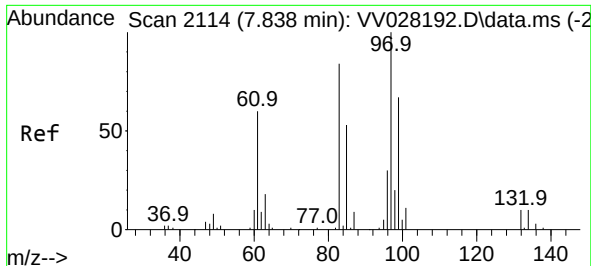
Tgt Ion: 75 Resp: 59734

Ion Ratio Lower Upper

75 100

77 29.9 23.9 44.3

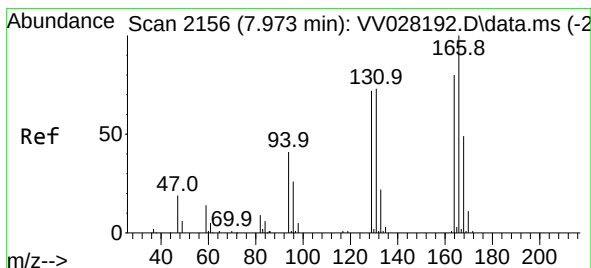
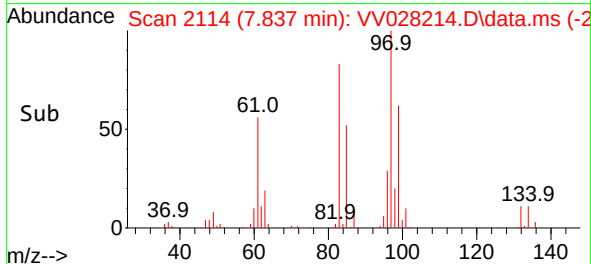
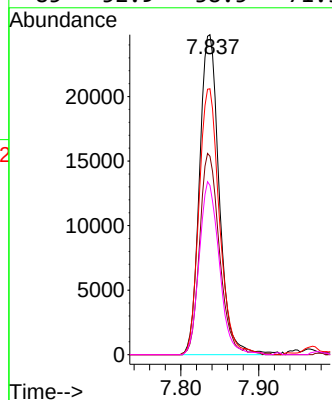
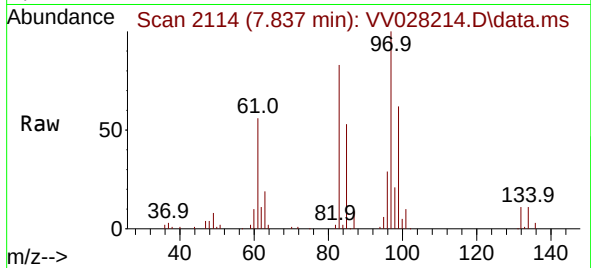




#45
 1,1,2-Trichloroethane
 Concen: 5.296 ug/L
 RT: 7.837 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

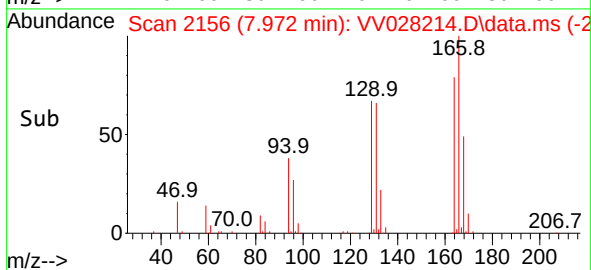
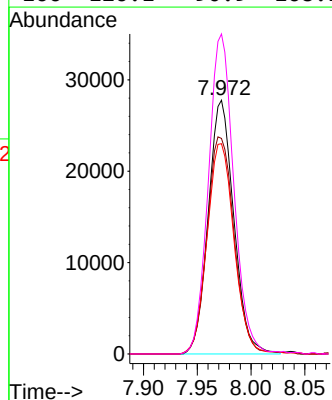
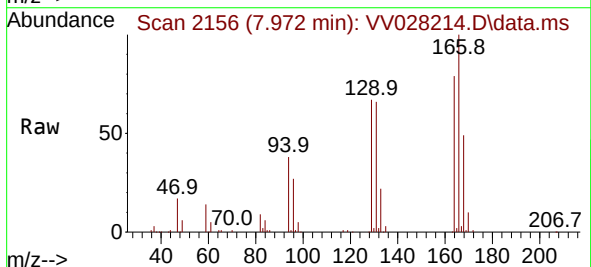
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

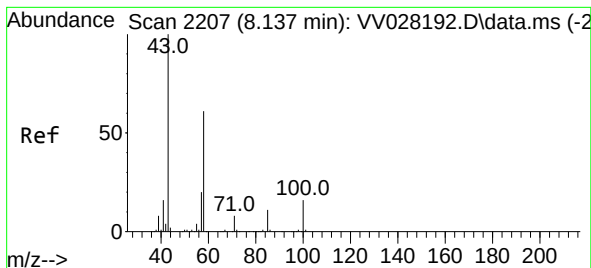
Tgt Ion:	97	Resp:	43621
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.2	80.2
83	83.1	59.1	109.9
85	52.9	38.5	71.5



#47
 Tetrachloroethene
 Concen: 5.283 ug/L
 RT: 7.972 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion:	164	Resp:	46017
Ion	Ratio	Lower	Upper
164	100		
129	84.9	66.7	123.9
131	82.8	61.7	114.5
166	126.1	90.9	168.9





#48

2-Hexanone

Concen: 46.104 ug/L

RT: 8.136 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EW842MS

Tgt Ion: 43 Resp: 208864

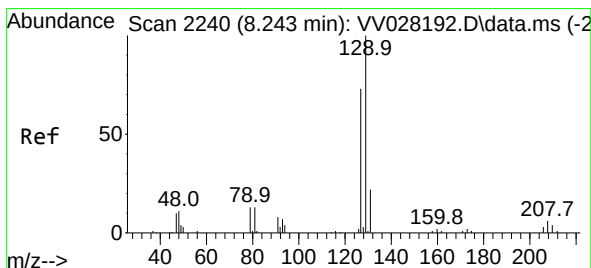
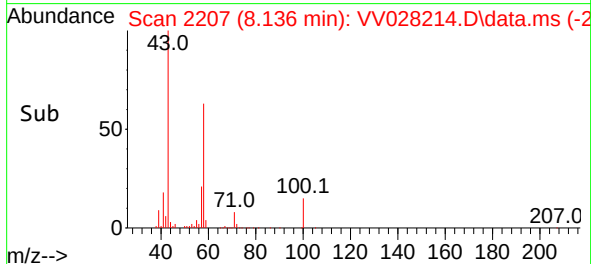
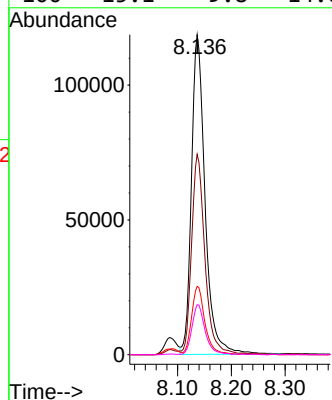
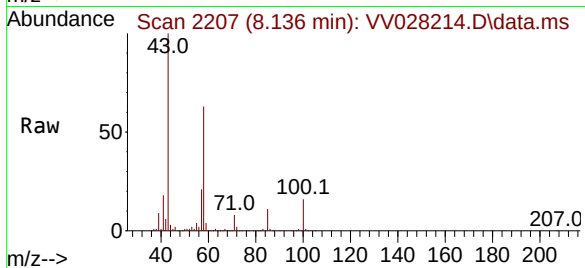
Ion Ratio Lower Upper

43 100

58 60.3 45.7 68.5

57 21.0 15.5 23.3

100 15.1 9.8 14.6#



#49

Dibromochloromethane

Concen: 4.995 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV028214.D

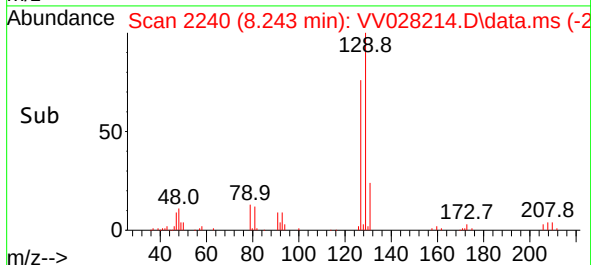
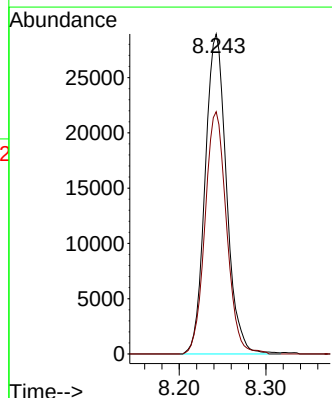
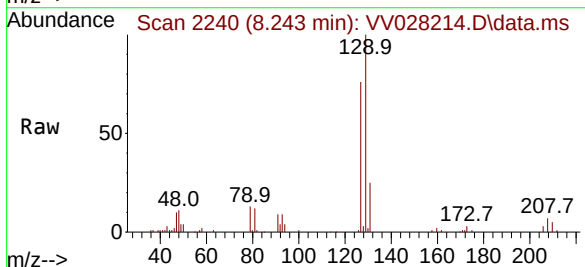
Acq: 30 Sep 2022 02:35

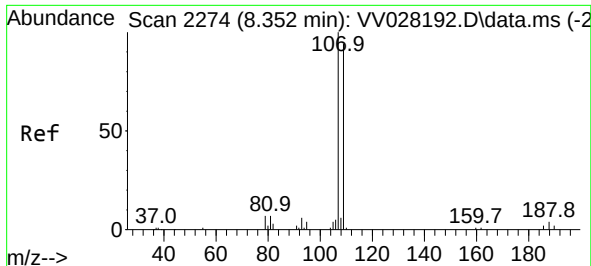
Tgt Ion: 129 Resp: 49473

Ion Ratio Lower Upper

129 100

127 75.7 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.101 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EW842MS

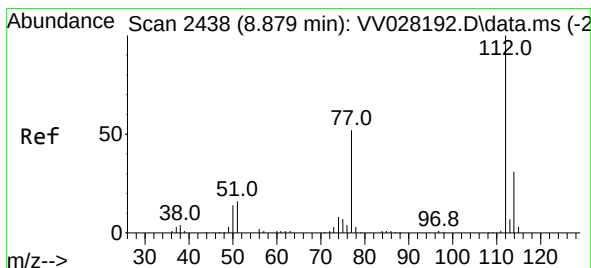
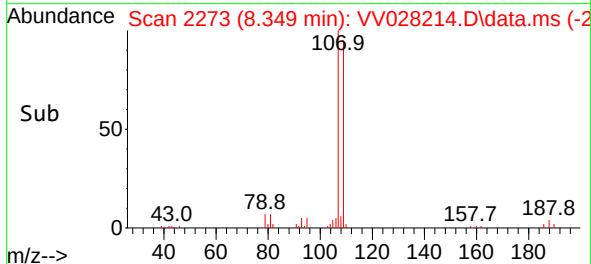
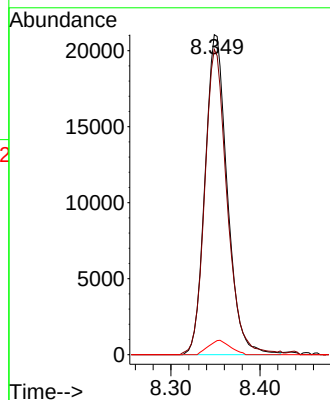
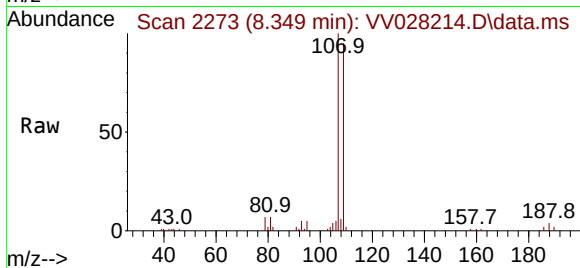
Tgt Ion:107 Resp: 36518

Ion Ratio Lower Upper

107 100

109 95.4 65.9 122.5

188 3.9 3.4 5.0



#51

Chlorobenzene

Concen: 4.995 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

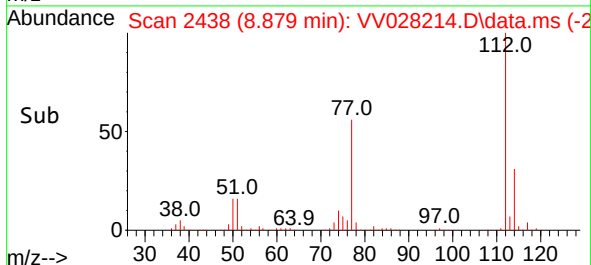
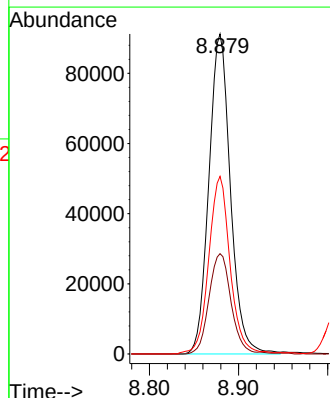
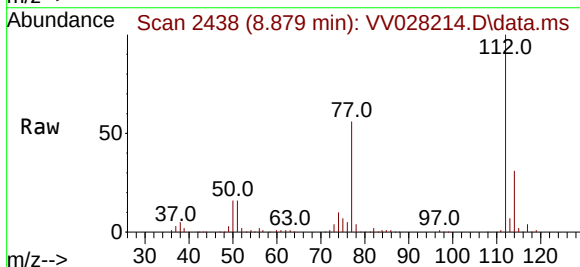
Tgt Ion:112 Resp: 153201

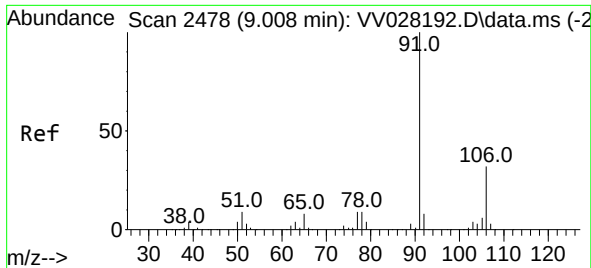
Ion Ratio Lower Upper

112 100

114 31.4 22.5 41.7

77 55.5 46.1 69.1

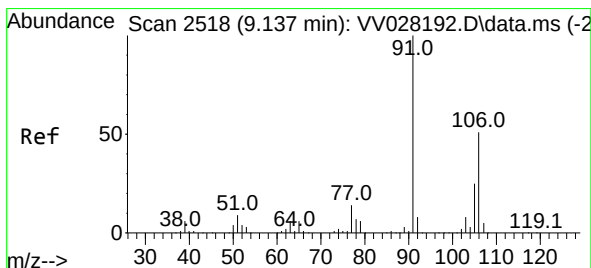
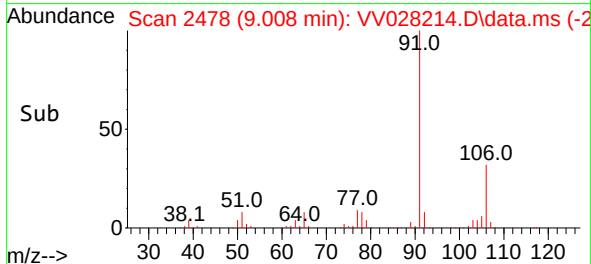
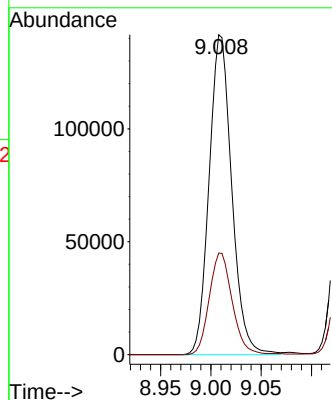
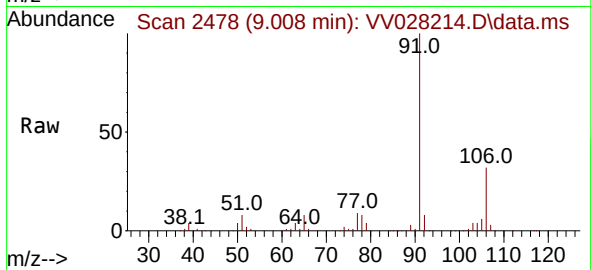




#52
Ethylbenzene
Concen: 4.582 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

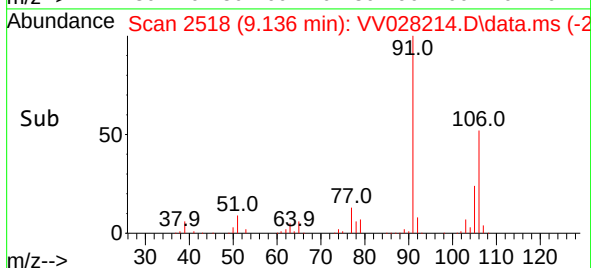
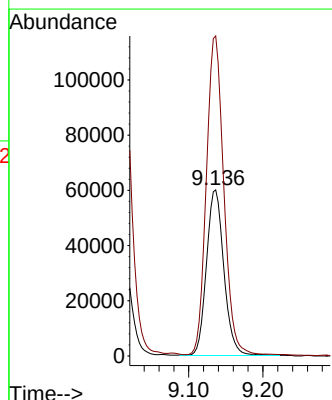
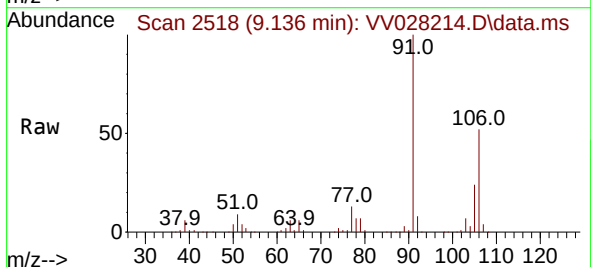
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

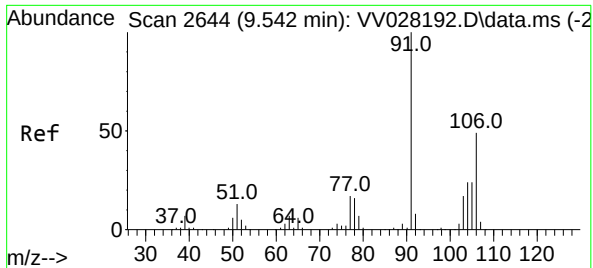
Tgt Ion: 91 Resp: 221634
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.245 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 106 Resp: 97239
Ion Ratio Lower Upper
106 100
91 192.7 141.9 263.5

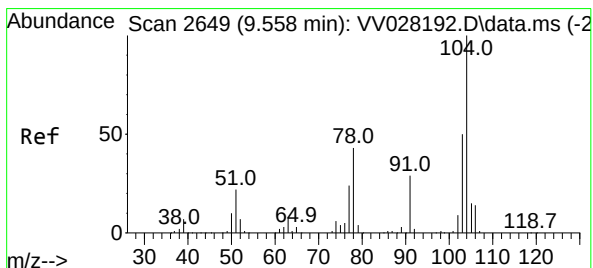
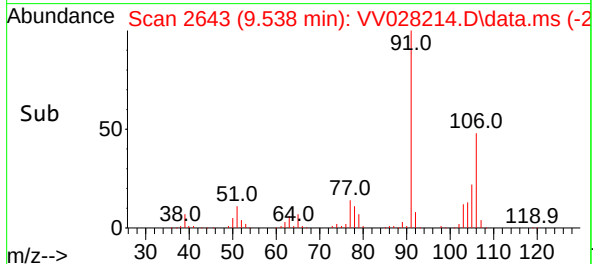
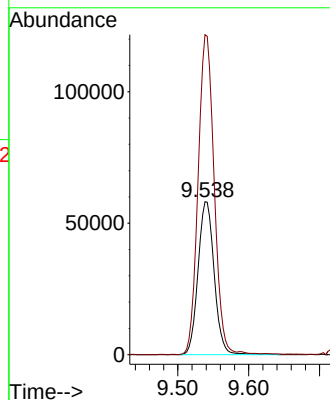
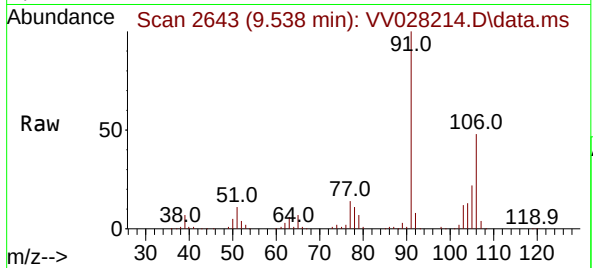




#54
o-Xylene
Concen: 5.022 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

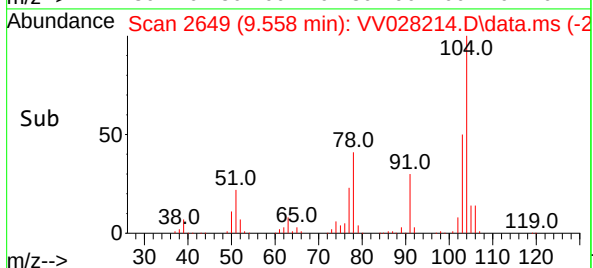
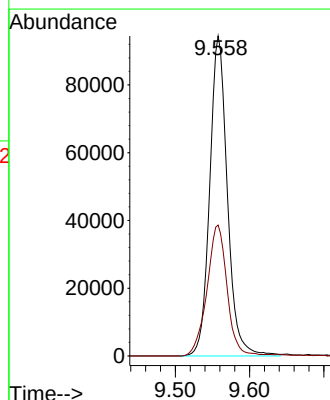
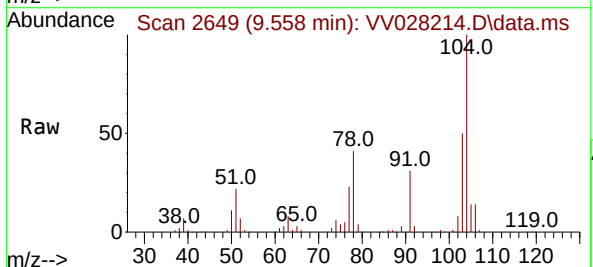
Instrument : MSVOA_V
ClientSampleId : EW842MS

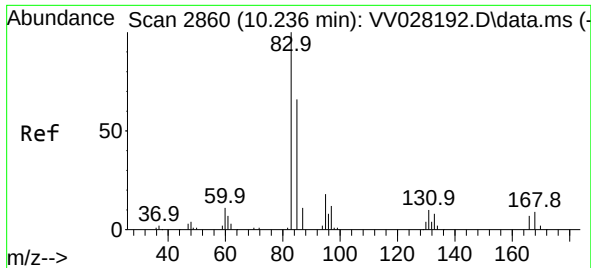
Tgt Ion:106 Resp: 91942
Ion Ratio Lower Upper
106 100
91 209.2 148.1 275.0



#55
Styrene
Concen: 4.913 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion:104 Resp: 155835
Ion Ratio Lower Upper
104 100
78 40.9 31.0 57.6

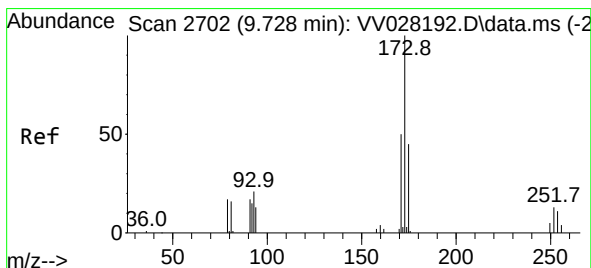
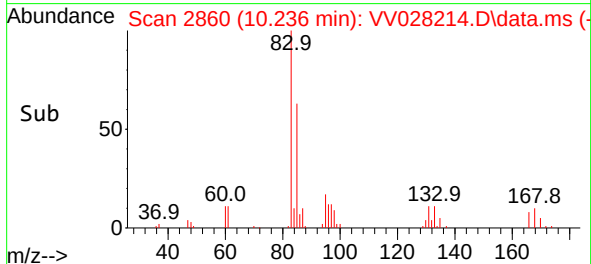
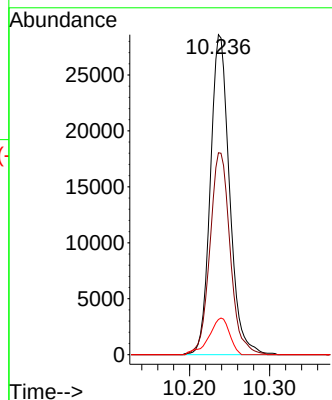
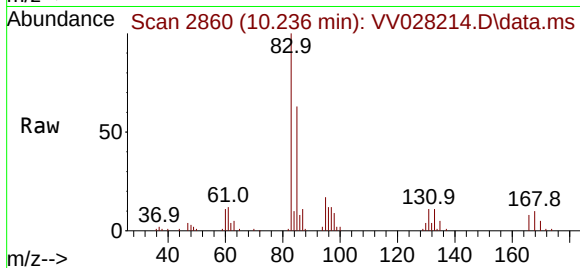




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.960 ug/L
 RT: 10.236 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

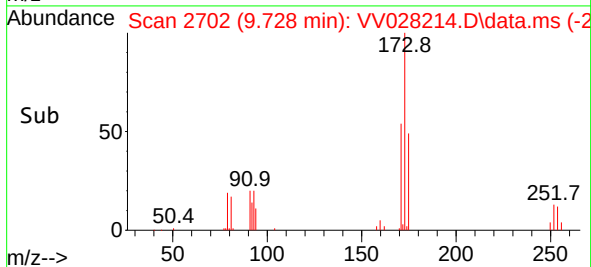
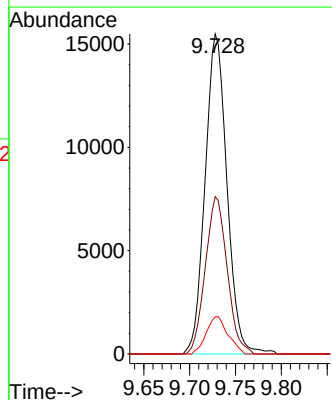
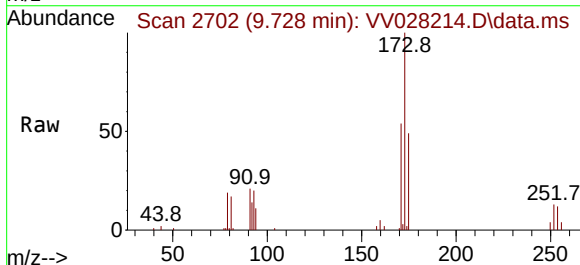
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

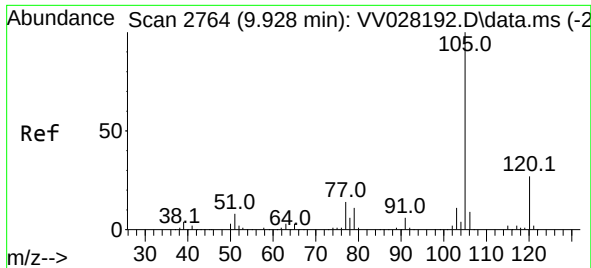
Tgt Ion: 83 Resp: 47609
 Ion Ratio Lower Upper
 83 100
 85 63.1 45.2 84.0
 131 11.0 7.8 11.8



#59
 Bromoform
 Concen: 4.488 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion: 173 Resp: 25667
 Ion Ratio Lower Upper
 173 100
 175 49.1 39.0 58.4
 254 11.5 8.7 13.1

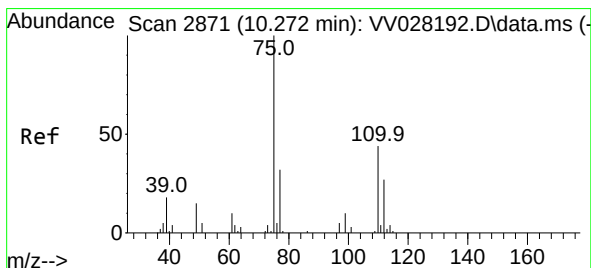
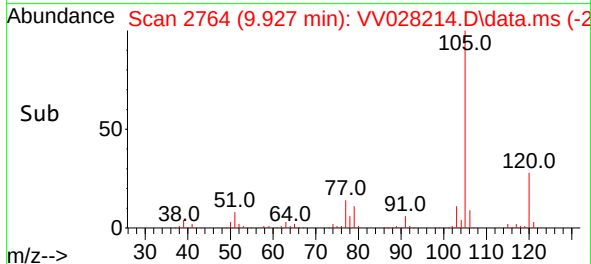
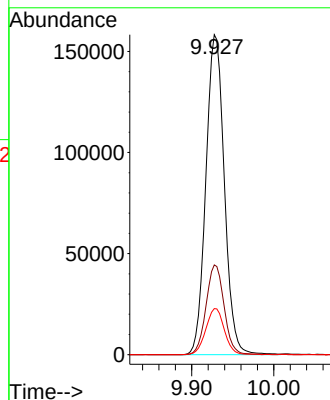
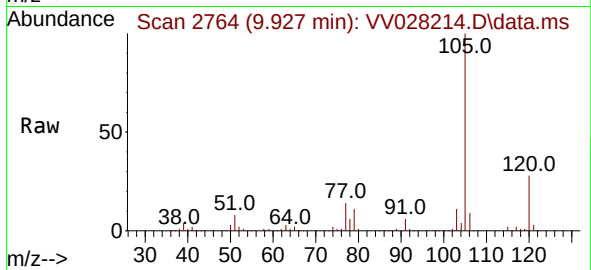




#60
Isopropylbenzene
Concen: 4.683 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

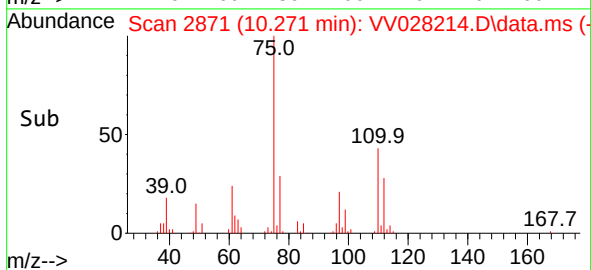
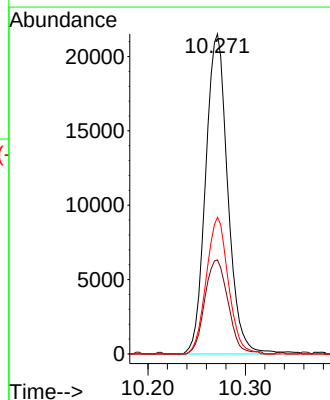
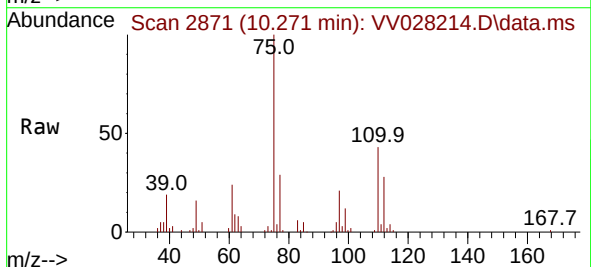
Instrument :
MSVOA_V
ClientSampleId :
EW842MS

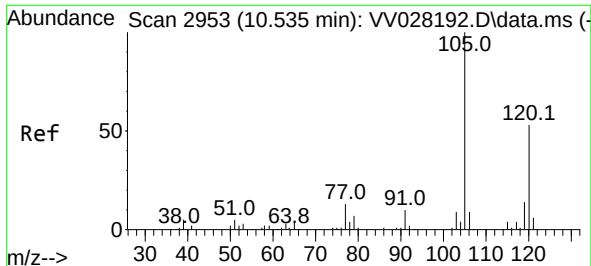
Tgt Ion:105 Resp: 247583
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 14.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.488 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion: 75 Resp: 33904
Ion Ratio Lower Upper
75 100
77 31.0 26.7 40.1
110 42.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.361 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028214.D

Acq: 30 Sep 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

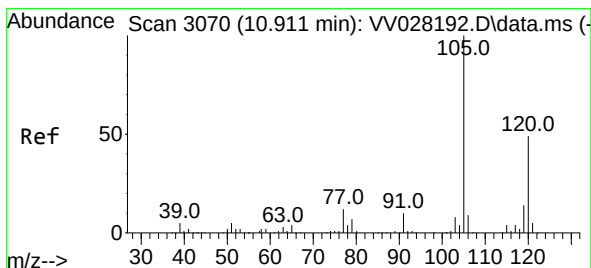
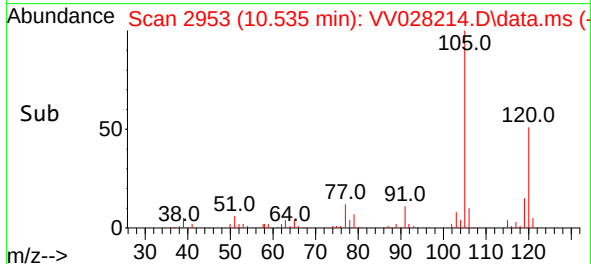
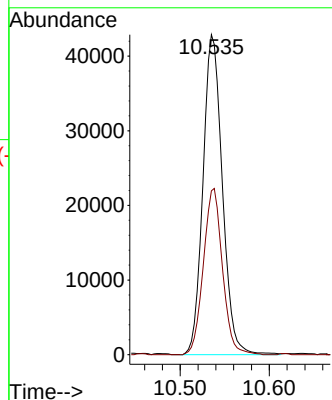
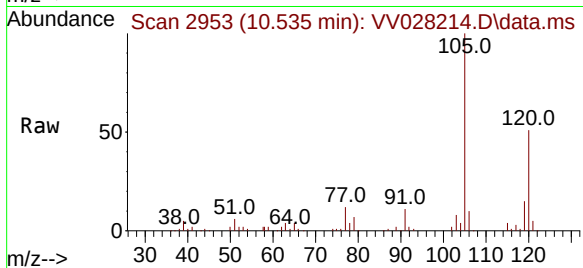
EW842MS

Tgt Ion:105 Resp: 64945

Ion Ratio Lower Upper

105 100

120 51.1 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.488 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028214.D

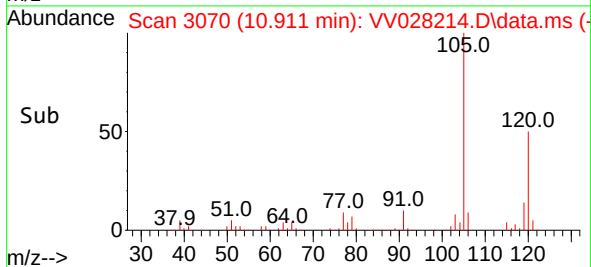
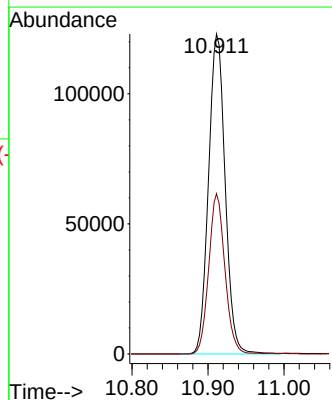
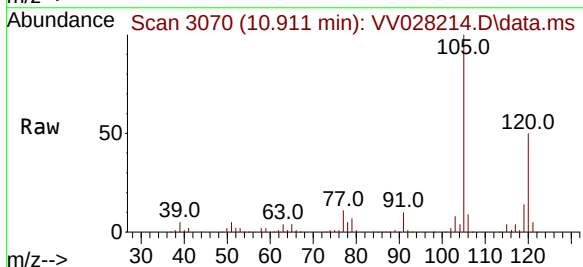
Acq: 30 Sep 2022 02:35

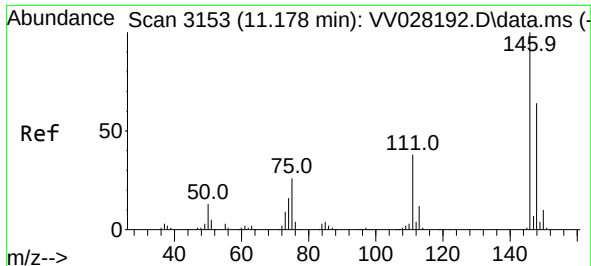
Tgt Ion:105 Resp: 186819

Ion Ratio Lower Upper

105 100

120 48.7 37.8 56.8

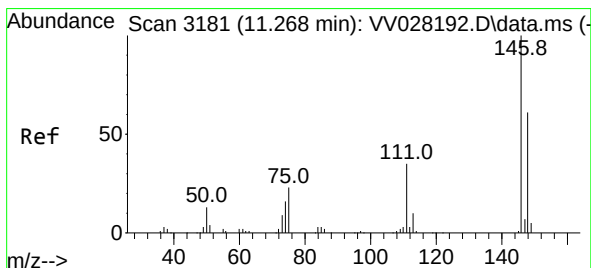
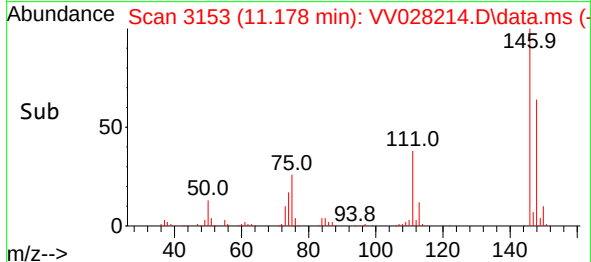
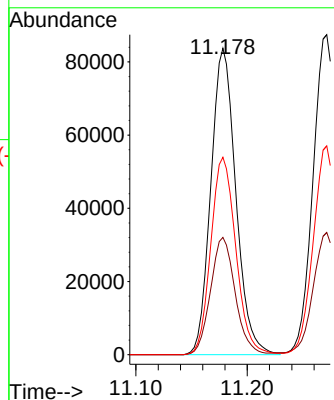
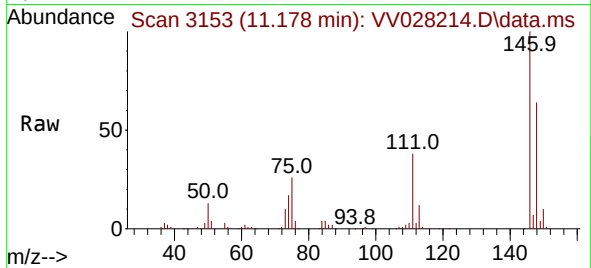




#64
 1,3-Dichlorobenzene
 Concen: 4.965 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

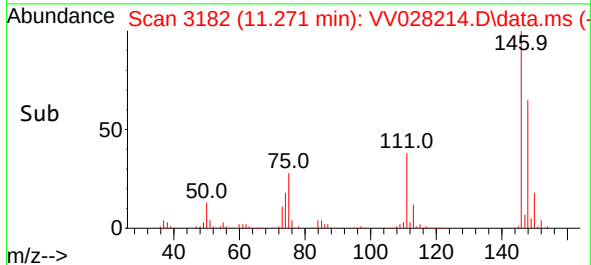
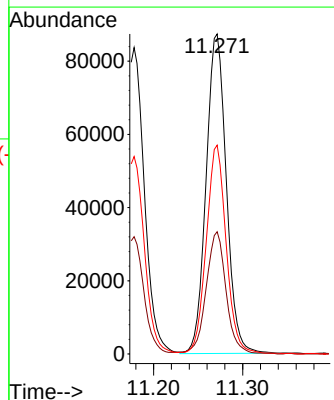
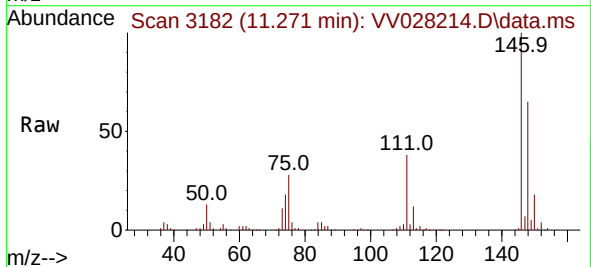
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

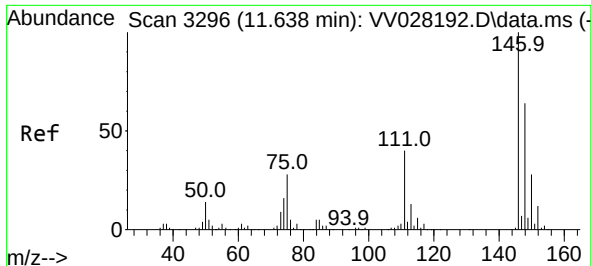
Tgt Ion:146 Resp: 130615
 Ion Ratio Lower Upper
 146 100
 111 38.3 27.1 50.3
 148 64.4 45.7 84.9



#65
 1,4-Dichlorobenzene
 Concen: 5.224 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion:146 Resp: 137519
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.2 48.8
 148 65.3 45.8 85.2

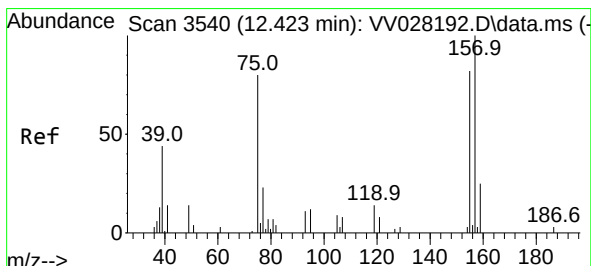
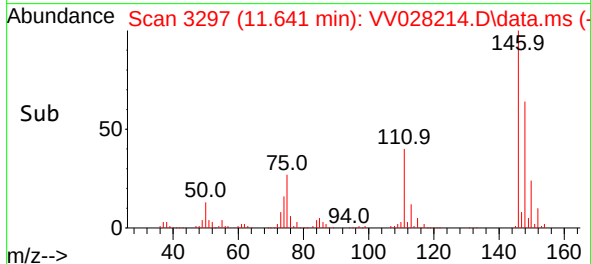
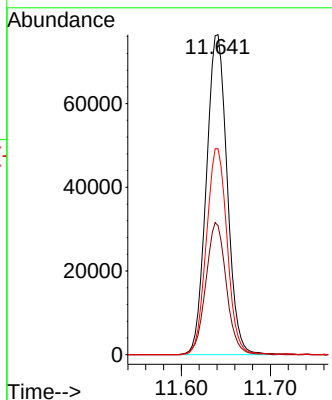
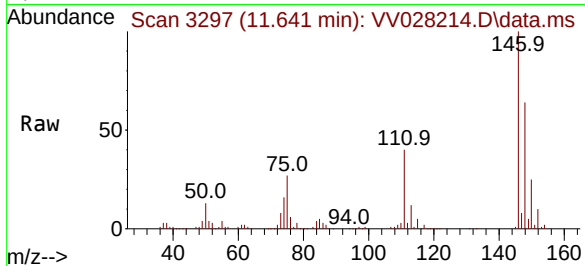




#67
 1,2-Dichlorobenzene
 Concen: 4.994 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

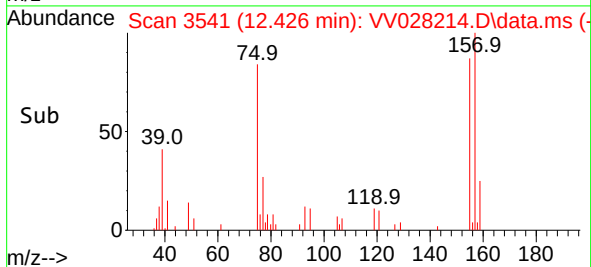
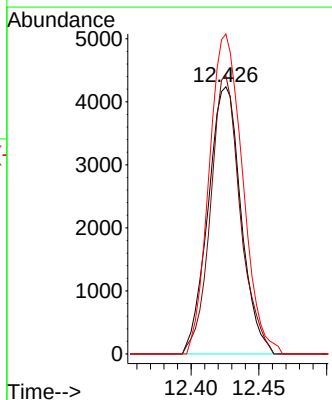
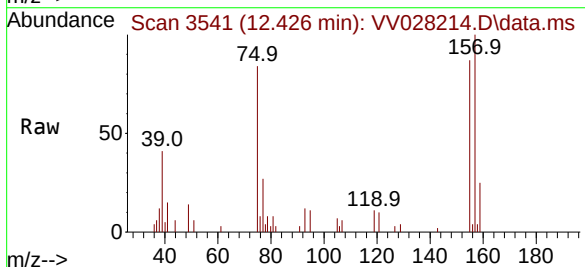
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

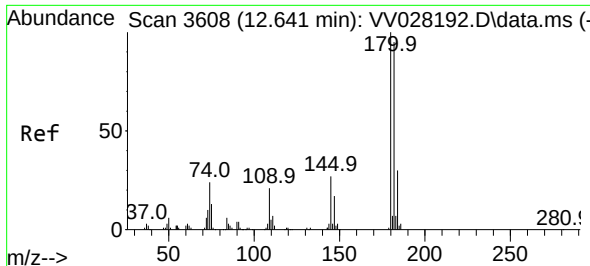
Tgt Ion:146 Resp: 124107
 Ion Ratio Lower Upper
 146 100
 111 40.3 32.6 49.0
 148 64.4 50.1 75.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.324 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion: 75 Resp: 7160
 Ion Ratio Lower Upper
 75 100
 155 104.2 73.6 110.4
 157 119.7 90.7 136.1



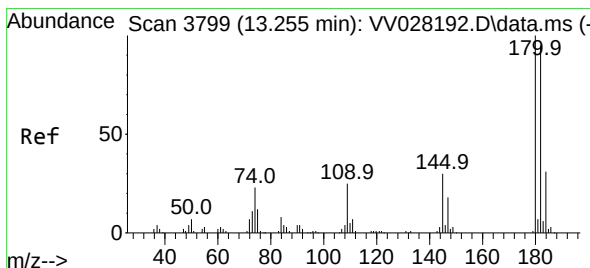
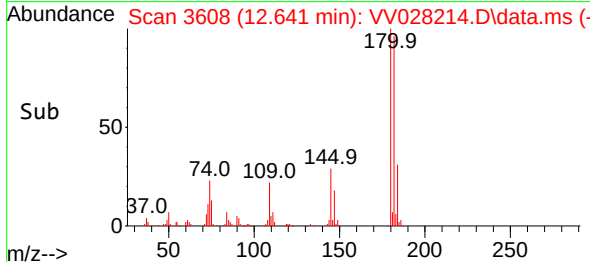
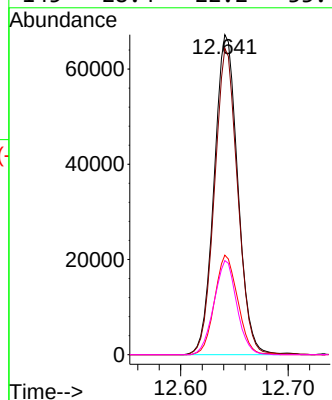
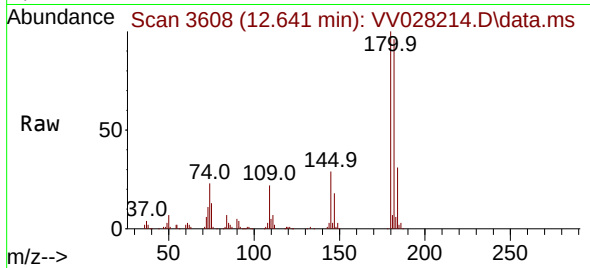


#69
 1,3,5-Trichlorobenzene
 Concen: 4.918 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MS

Tgt Ion:180 Resp: 102406

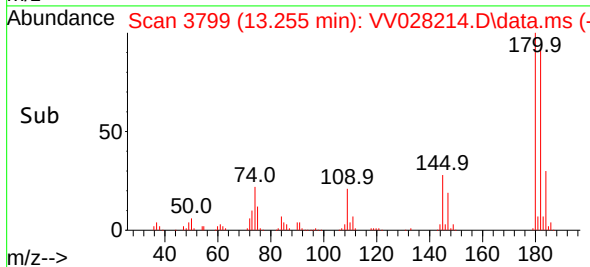
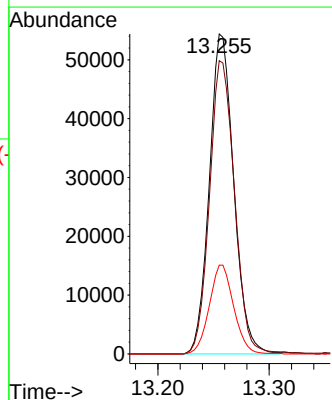
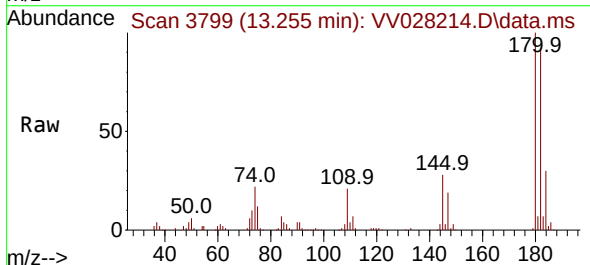
Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
184	30.5	23.7	35.5
145	28.4	22.2	33.4

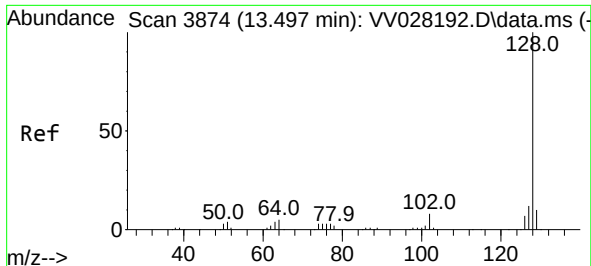


#70
 1,2,4-trichlorobenzene
 Concen: 4.971 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. -0.000 min
 Lab File: VV028214.D
 Acq: 30 Sep 2022 02:35

Tgt Ion:180 Resp: 82788

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.3	114.5
145	27.8	22.9	34.3

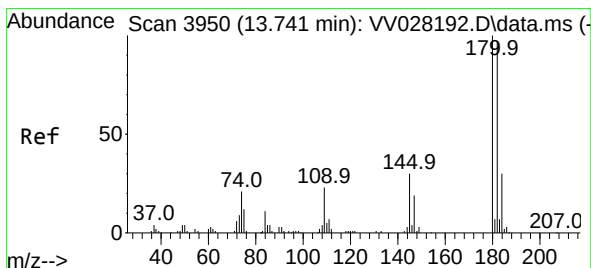
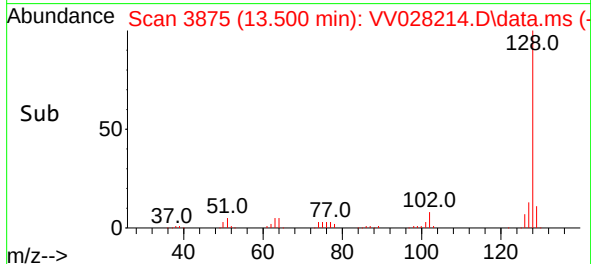
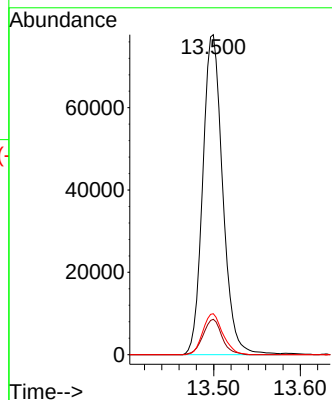
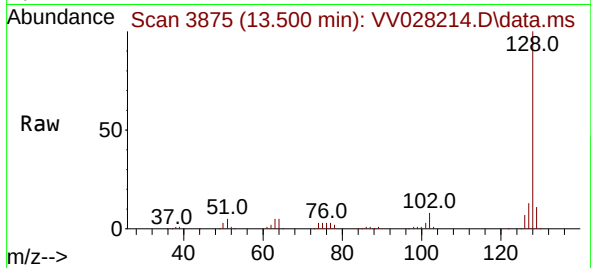




#71
Naphthalene
Concen: 4.567 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Instrument :
MSVOA_V
ClientSampleId :
EW842MS

Tgt Ion:128 Resp: 124560
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.979 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028214.D
Acq: 30 Sep 2022 02:35

Tgt Ion:180 Resp: 75009
Ion Ratio Lower Upper
180 100
182 96.6 77.4 116.0
145 28.6 24.6 36.8

