

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028171.D
 Acq On : 28 Sep 2022 20:07
 Operator : SY/MD
 Sample : N4730-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR8MS

Quant Time: Sep 29 01:31:45 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	155890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	157188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49430	3.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.561	69	48349	3.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.101	63	90128	3.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.889	46	146931	53.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.700%
24) Chloroform-d	4.342	84	114246	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.027	65	50657	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.043	84	187860	3.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.063	67	62975	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.310	98	174303	3.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.619	79	21848	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.085	63	117474	48.494	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50602	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75078	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	56084	4.817	ug/L	92
3) Chloromethane	1.236	50	50794	3.294	ug/L	95
5) Vinyl chloride	1.304	62	57859	4.786	ug/L	99
6) Bromomethane	1.516	94	23640	3.003	ug/L	98
8) Chloroethane	1.581	64	50977	6.289	ug/L	87
9) Trichlorofluoromethane	1.748	101	96518	5.029	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	54386	4.917	ug/L	96
12) 1,1-Dichloroethene	2.111	96	50047	4.645	ug/L	75
13) Acetone	2.182	43	86368	41.096	ug/L	96
14) Carbon disulfide	2.288	76	96305	4.658	ug/L	99
15) Methyl Acetate	2.433	43	19303	4.731	ug/L	92
16) Methylene chloride	2.500	84	60165	5.003	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	122054	5.267	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	49873	5.288	ug/L	96
19) 1,1-Dichloroethane	3.182	63	106182	5.161	ug/L	98
21) 2-Butanone	3.973	43	115894	44.542	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	58766	4.749	ug/L	89
23) Bromochloromethane	4.243	128	26226	5.293	ug/L	# 81
25) Chloroform	4.368	83	108335	4.907	ug/L	99

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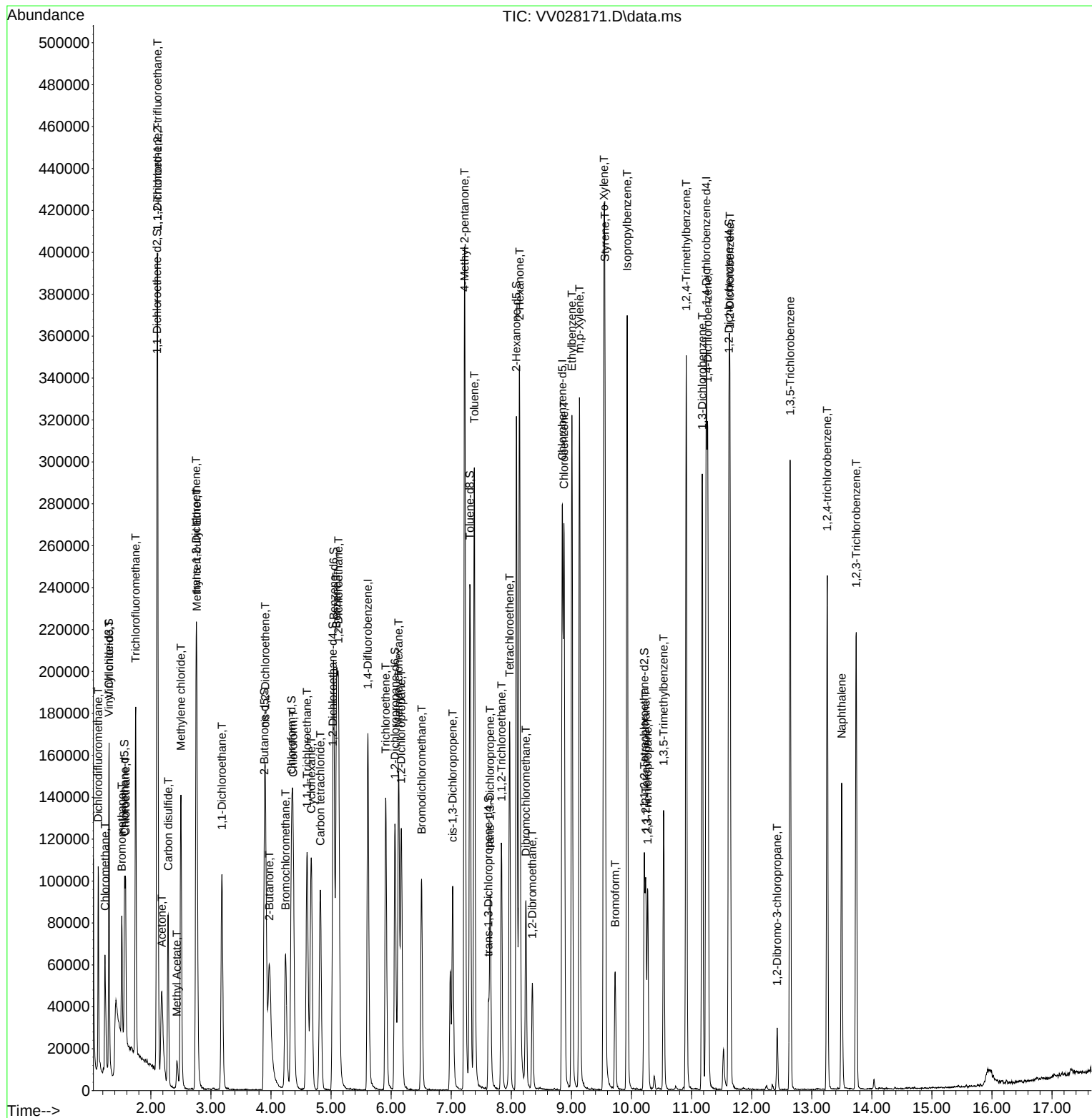
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	157846	13.409	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	95372	4.938	ug/L	97
30) Cyclohexane	4.670	56	57866	4.143	ug/L	90
31) Carbon tetrachloride	4.822	117	75667	4.761	ug/L	99
33) Benzene	5.092	78	201074	4.606	ug/L	100
34) Trichloroethene	5.908	95	48948	4.505	ug/L	92
35) Methylcyclohexane	6.124	83	62778	4.213	ug/L	94
37) 1,2-Dichloropropane	6.169	63	51595	4.216	ug/L #	96
38) Bromodichloromethane	6.506	83	70591	4.673	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	63258	4.162	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	249014	41.906	ug/L #	92
42) Toluene	7.384	91	221390	4.862	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	55494	4.245	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	38720	4.721	ug/L	96
47) Tetrachloroethene	7.973	164	41987	4.841	ug/L	98
48) 2-Hexanone	8.137	43	204841	45.409	ug/L #	92
49) Dibromochloromethane	8.243	129	47713	4.838	ug/L	99
50) 1,2-Dibromoethane	8.349	107	33812	4.743	ug/L	98
51) Chlorobenzene	8.879	112	152546	4.995	ug/L	96
52) Ethylbenzene	9.008	91	228699	4.748	ug/L	96
53) m,p-Xylene	9.133	106	96380	5.221	ug/L	95
54) o-Xylene	9.542	106	89294	4.898	ug/L	98
55) Styrene	9.558	104	161106	5.100	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	45915	4.804	ug/L	95
59) Bromoform	9.728	173	26680	4.715	ug/L	99
60) Isopropylbenzene	9.927	105	238161	4.553	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37693	5.043	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	71831	4.875	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	192155	4.665	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	129085	4.959	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	126388	4.853	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	120518	4.901	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	7030	4.291	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	100584	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	83425	5.063	ug/L	99
71) Naphthalene	13.500	128	119933	4.445	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	70491	4.730	ug/L	99

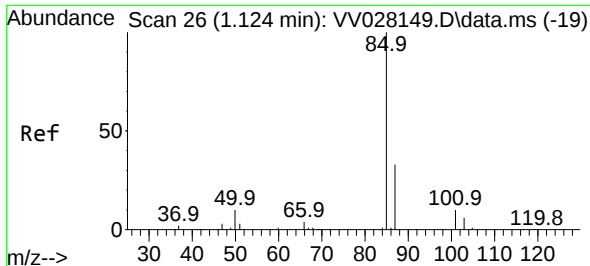
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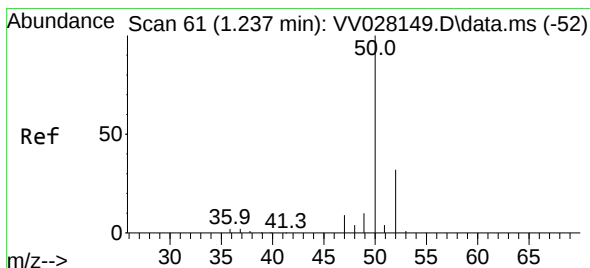
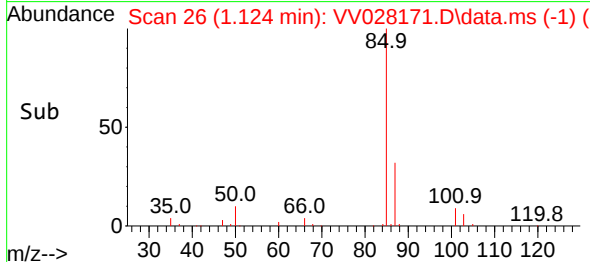
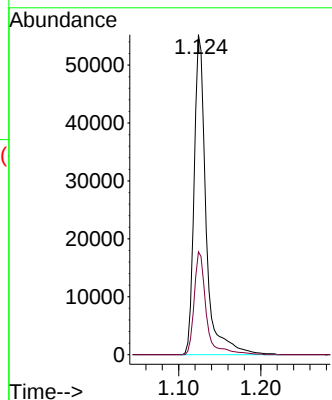
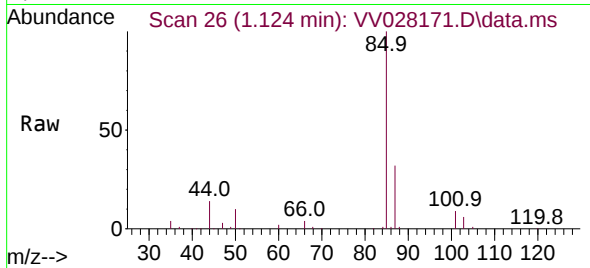




#2
 Dichlorodifluoromethane
 Concen: 4.817 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028171.D
 Acq: 28 Sep 2022 20:07

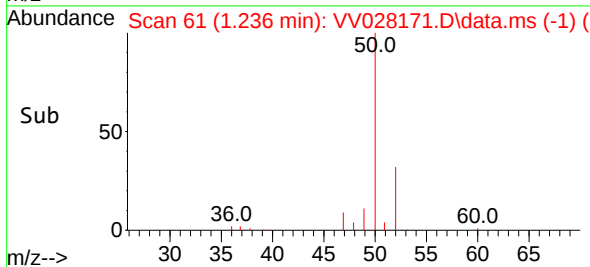
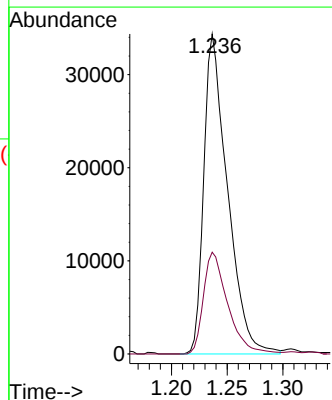
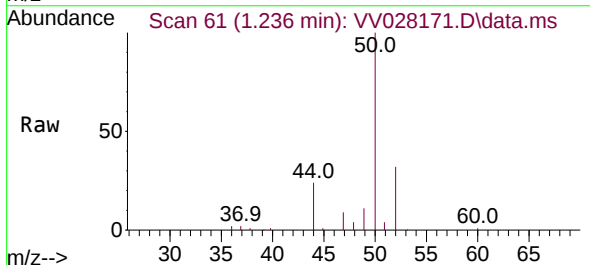
Instrument :
 MSVOA_V
 ClientSampleId :
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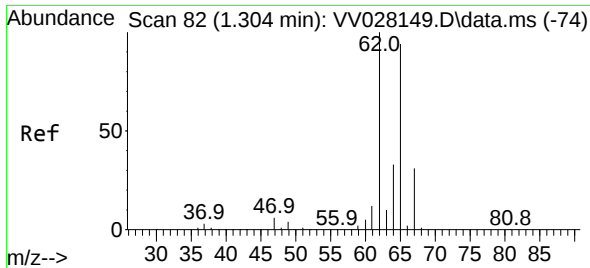
Tgt Ion: 85 Resp: 56084
 Ion Ratio Lower Upper
 85 100
 87 32.5 22.8 34.2



#3
 Chloromethane
 Concen: 3.294 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028171.D
 Acq: 28 Sep 2022 20:07

Tgt Ion: 50 Resp: 50794
 Ion Ratio Lower Upper
 50 100
 52 31.8 24.4 45.2

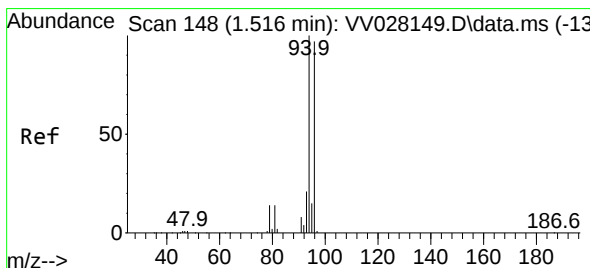
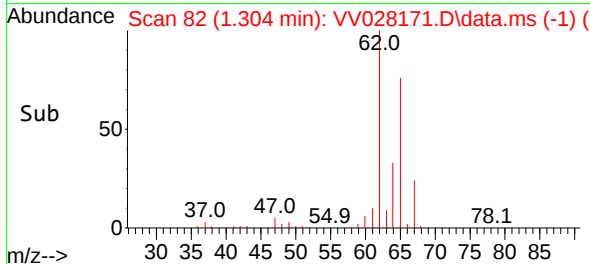
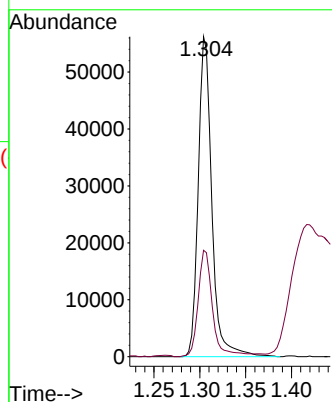
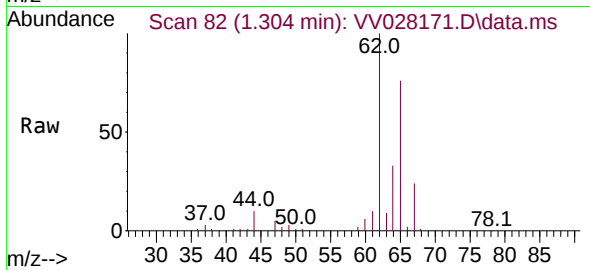




#5
 Vinyl chloride
 Concen: 4.786 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VV028171.D
 Acq: 28 Sep 2022 20:07

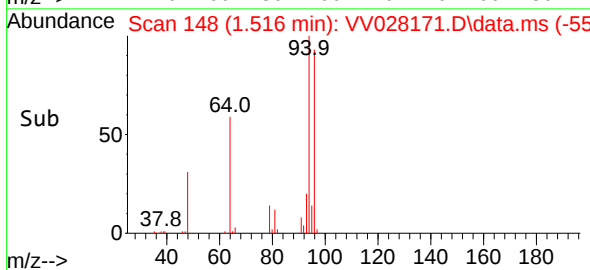
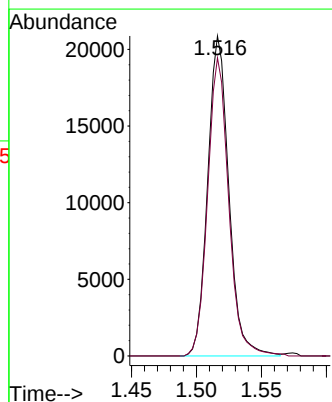
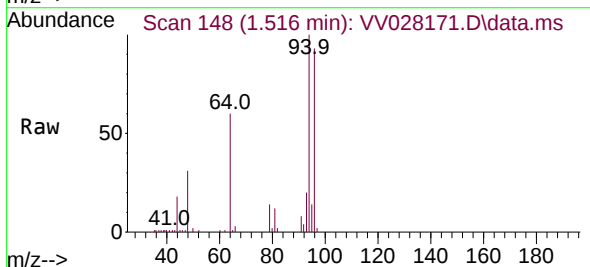
Instrument :
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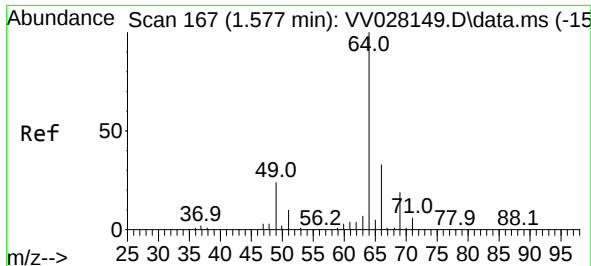
Tgt Ion: 62 Resp: 57859
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.8



#6
 Bromomethane
 Concen: 3.003 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028171.D
 Acq: 28 Sep 2022 20:07

Tgt Ion: 94 Resp: 23640
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.7 123.9

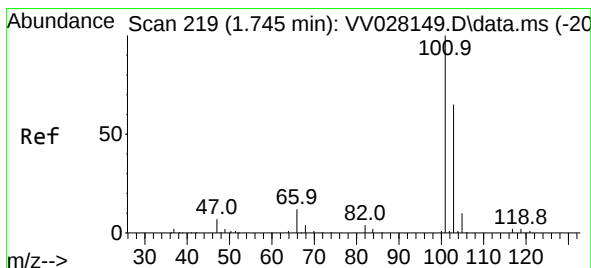
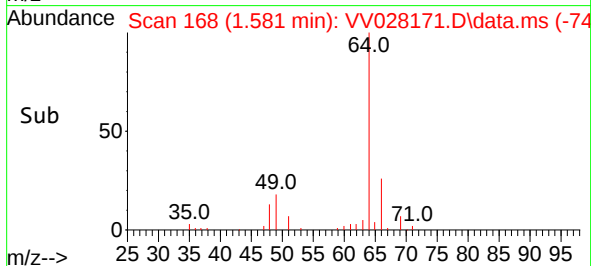
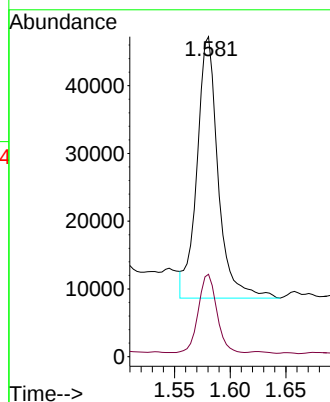
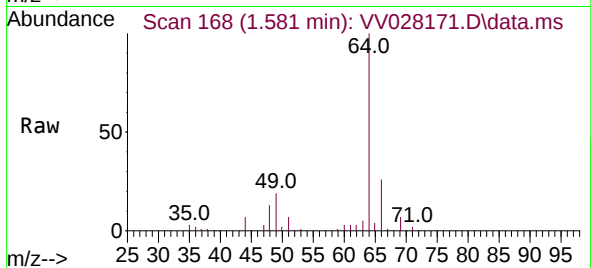




#8
Chloroethane
Concen: 6.289 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

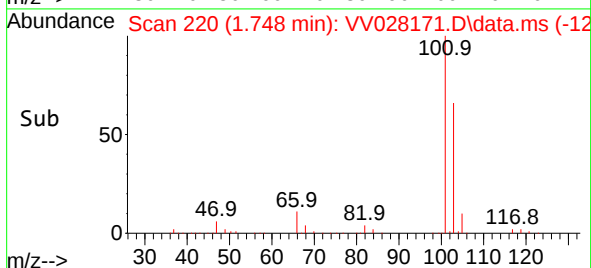
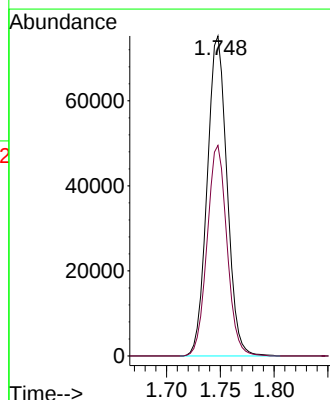
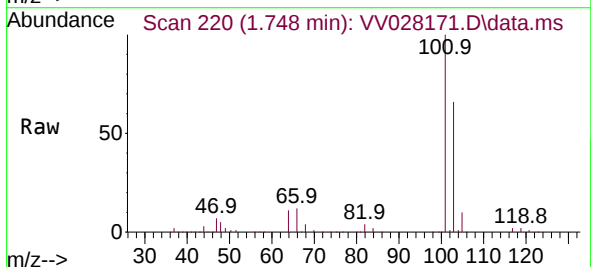
Instrument :
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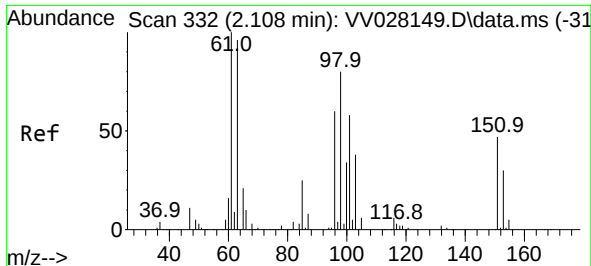
Tgt Ion: 64 Resp: 50977
Ion Ratio Lower Upper
64 100
66 25.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.029 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion:101 Resp: 96518
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

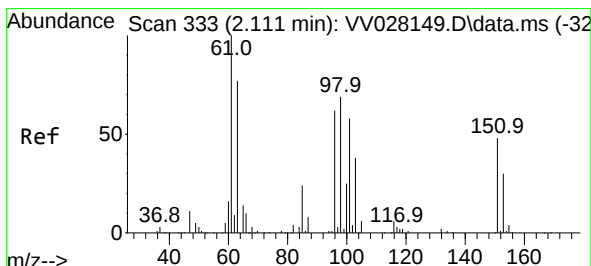
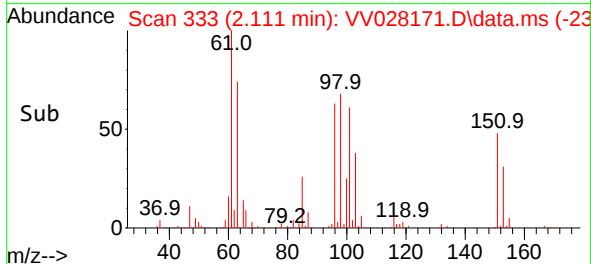
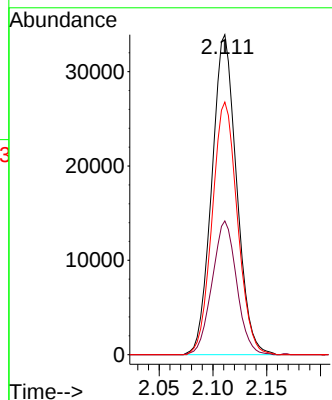
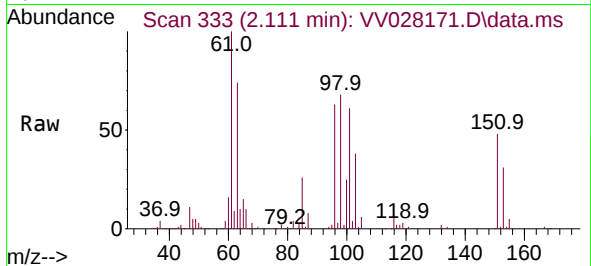




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.917 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

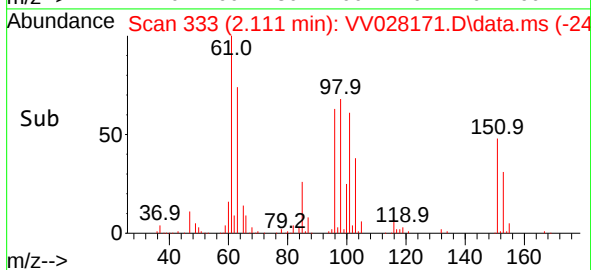
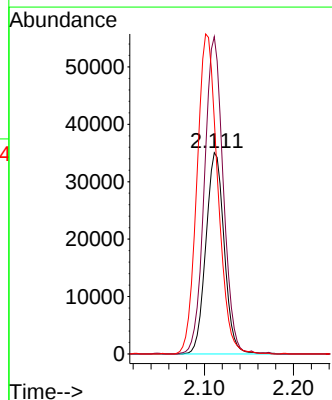
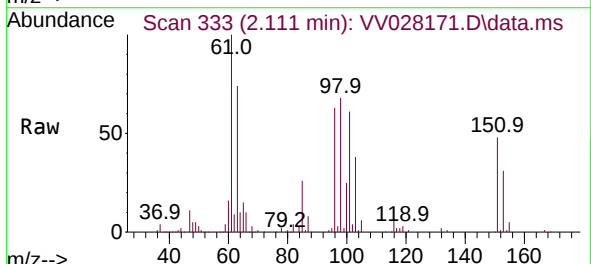
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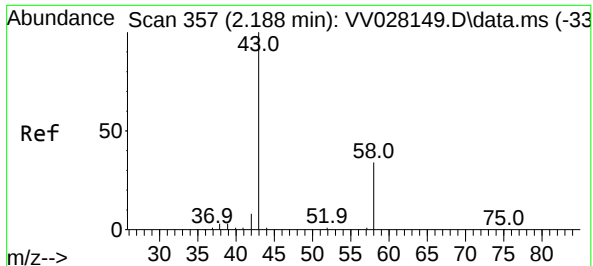
Tgt Ion:101 Resp: 54386
Ion Ratio Lower Upper
101 100
85 41.4 34.4 51.6
151 80.4 61.1 91.7



#12
1,1-Dichloroethene
Concen: 4.645 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 96 Resp: 50047
Ion Ratio Lower Upper
96 100
61 157.6 128.3 238.3
63 116.4 112.7 209.3





#13

Acetone

Concen: 41.096 ug/L

RT: 2.182 min Scan# 357

Delta R.T. -0.006 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

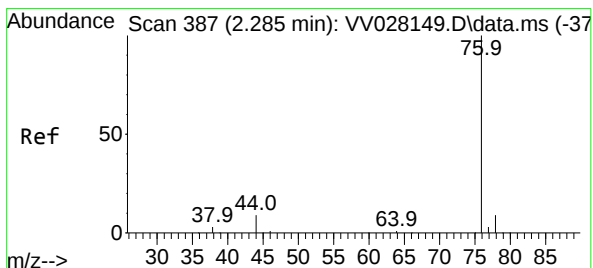
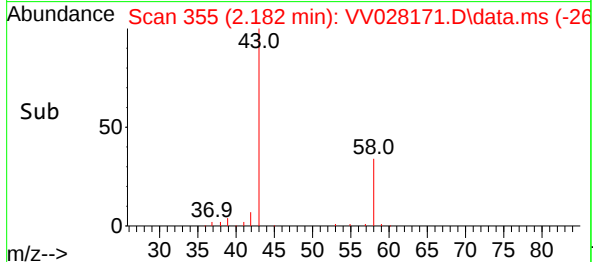
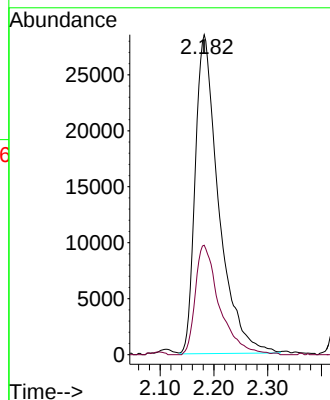
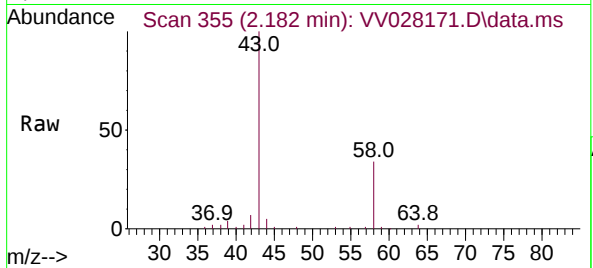
EXFR8MS

Tgt Ion: 43 Resp: 86368

Ion Ratio Lower Upper

43 100

58 35.3 0.0 65.6



#14

Carbon disulfide

Concen: 4.658 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028171.D

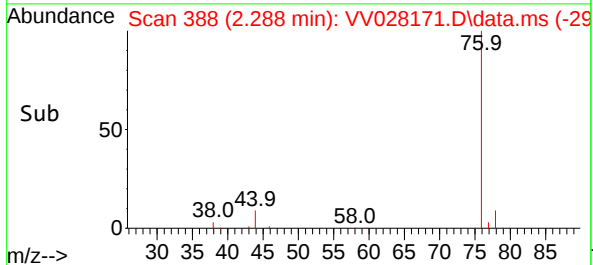
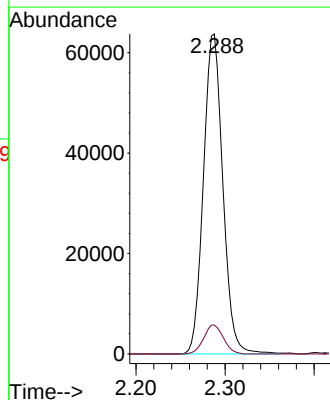
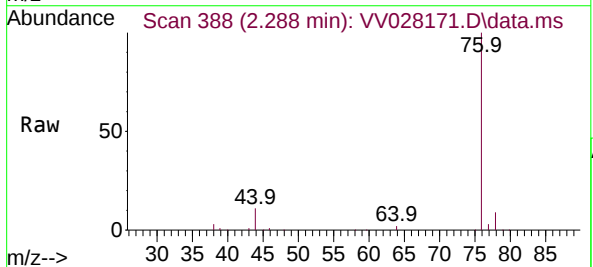
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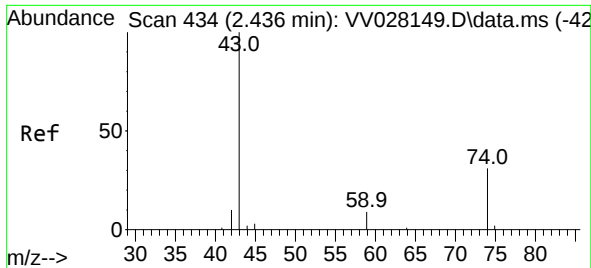
Tgt Ion: 76 Resp: 96305

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

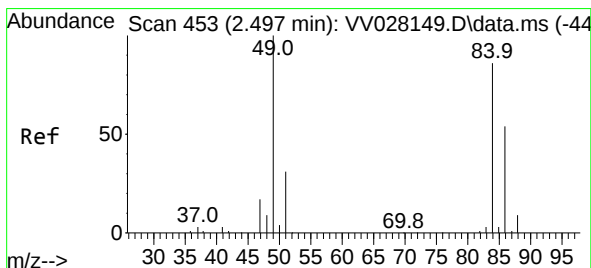
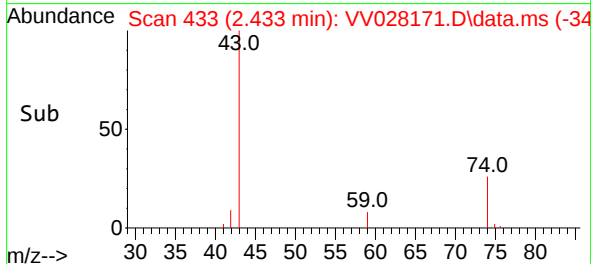
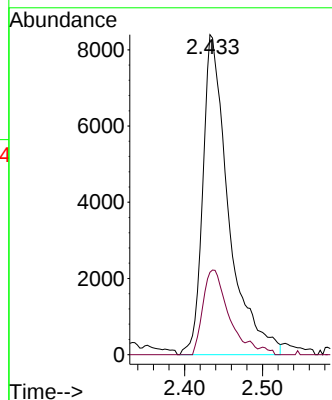
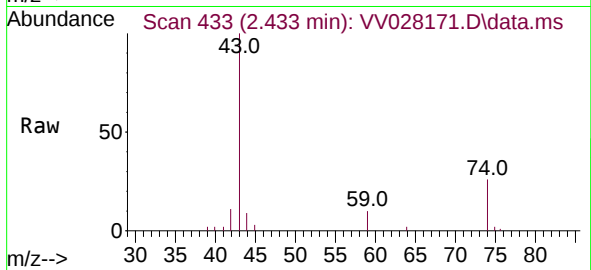




#15
Methyl Acetate
Concen: 4.731 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

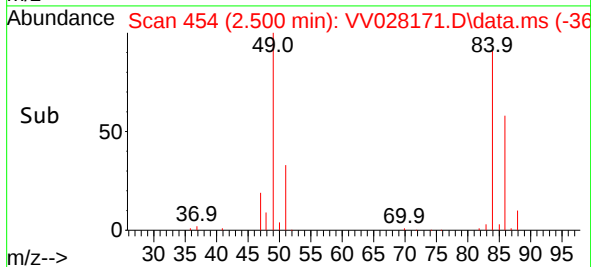
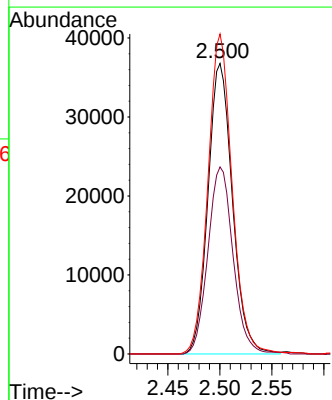
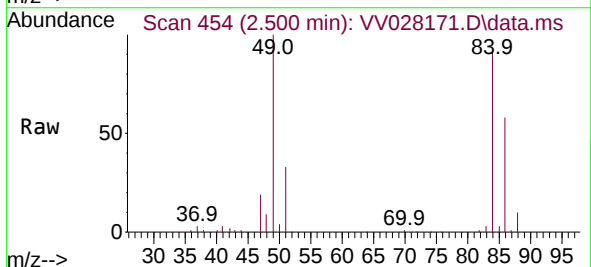
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

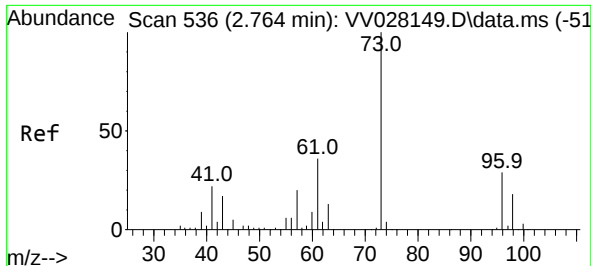
Tgt Ion: 43 Resp: 19303
Ion Ratio Lower Upper
43 100
74 24.9 16.9 25.3



#16
Methylene chloride
Concen: 5.003 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 84 Resp: 60165
Ion Ratio Lower Upper
84 100
86 64.4 46.8 86.8
49 110.1 87.5 162.5

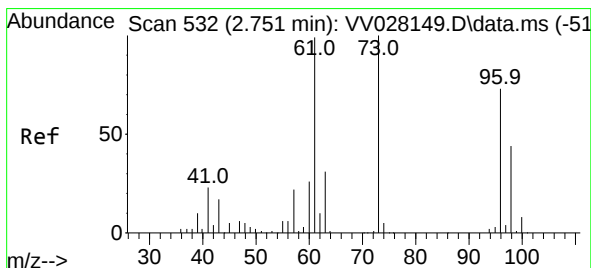
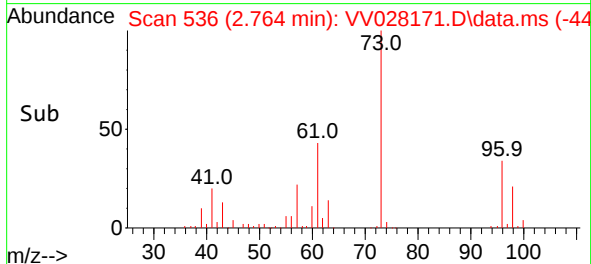
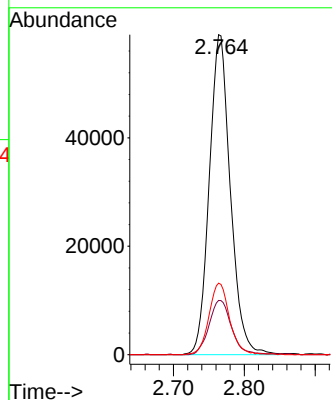
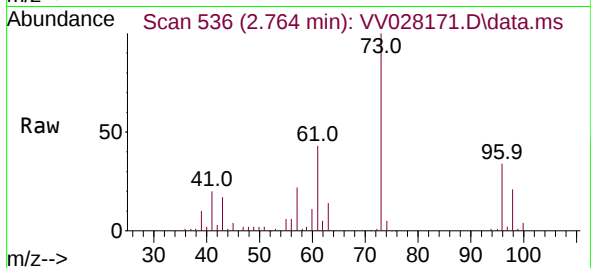




#17
Methyl tert-butyl Ether
Concen: 5.267 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

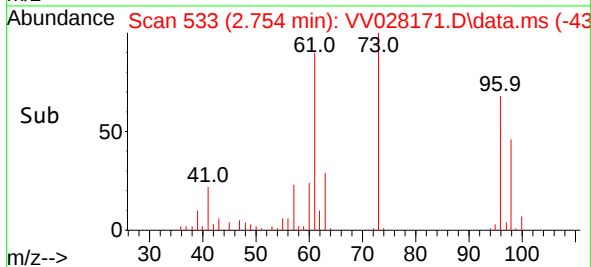
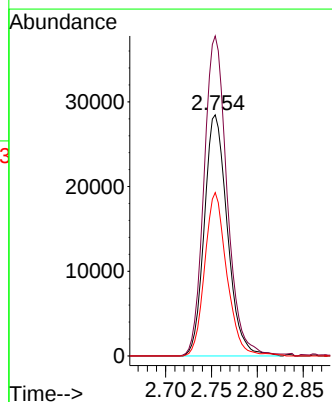
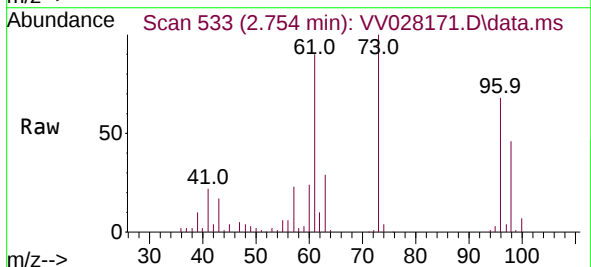
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

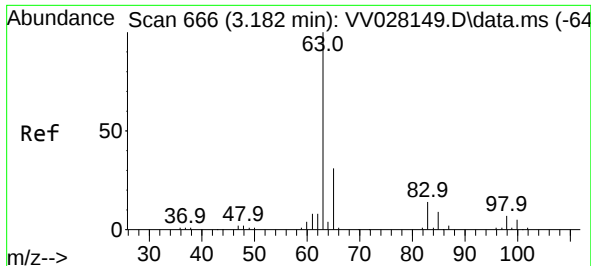
Tgt Ion: 73 Resp: 122054
Ion Ratio Lower Upper
73 100
43 18.2 15.7 23.5
57 21.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.288 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 96 Resp: 49873
Ion Ratio Lower Upper
96 100
61 132.7 96.2 178.6
98 67.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.161 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

EXFR8MS

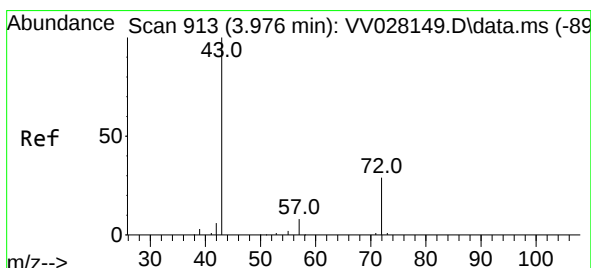
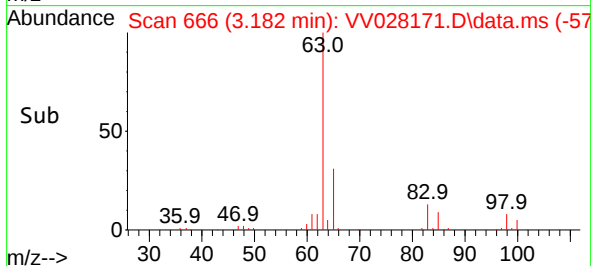
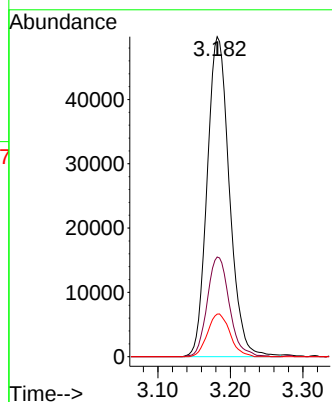
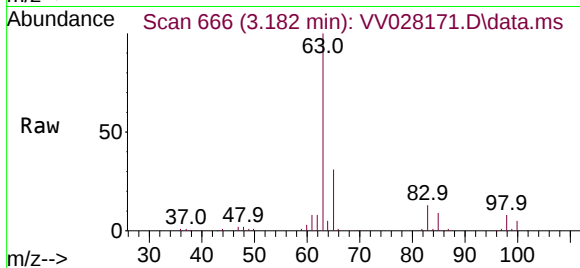
Tgt Ion: 63 Resp: 106182

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 13.3 9.2 17.2



#21

2-Butanone

Concen: 44.542 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV028171.D

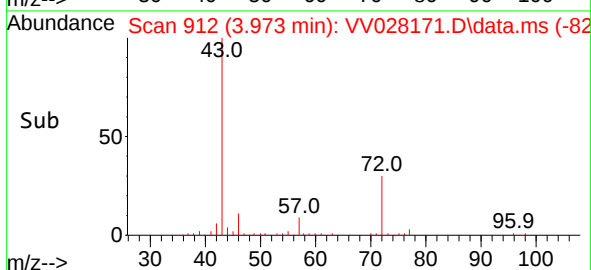
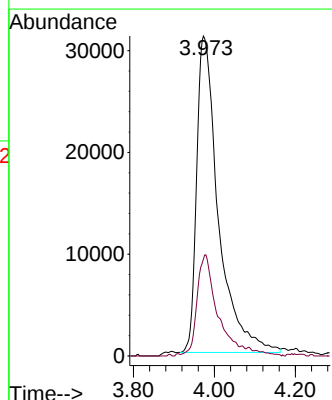
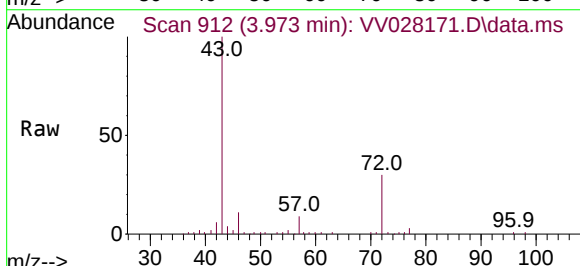
Acq: 28 Sep 2022 20:07

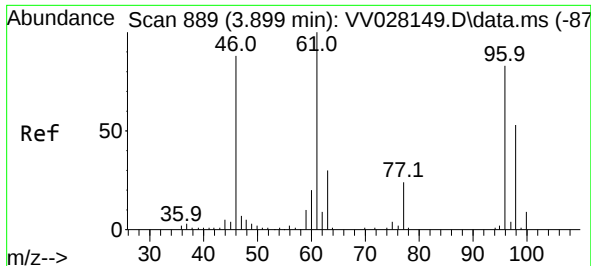
Tgt Ion: 43 Resp: 115894

Ion Ratio Lower Upper

43 100

72 27.7 12.7 38.1

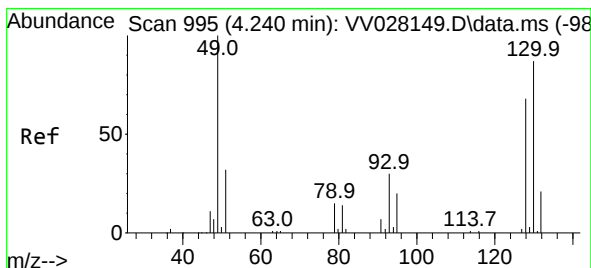
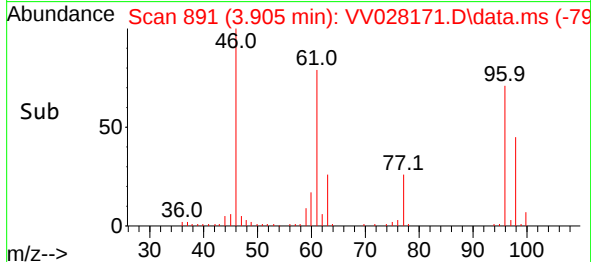
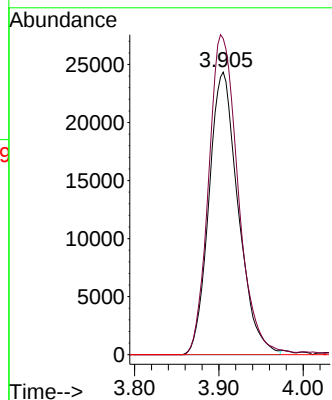
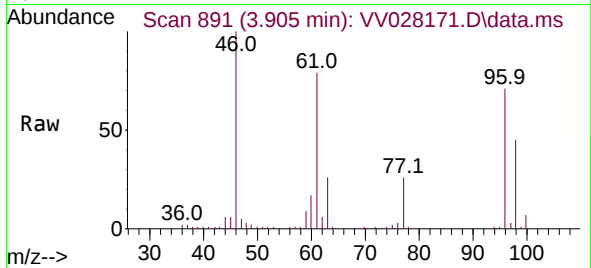




#22
 cis-1,2-Dichloroethene
 Concen: 4.749 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028171.D
 Acq: 28 Sep 2022 20:07

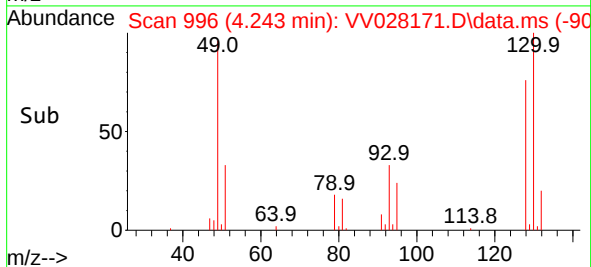
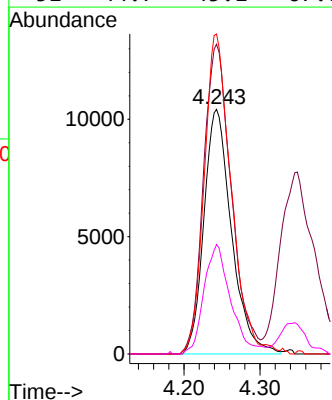
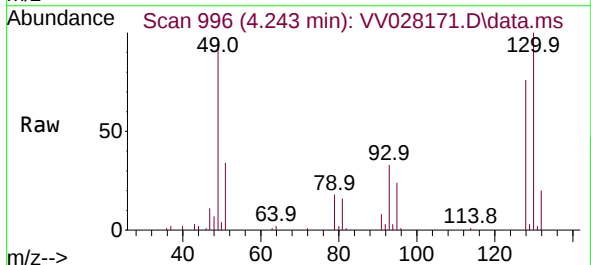
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFR8MS

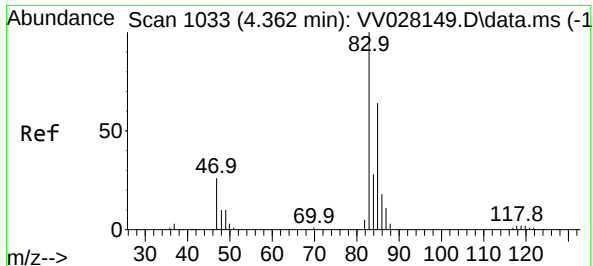
Tgt Ion: 96 Resp: 58766
 Ion Ratio Lower Upper
 96 100
 61 111.8 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.293 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028171.D
 Acq: 28 Sep 2022 20:07

Tgt Ion: 128 Resp: 26226
 Ion Ratio Lower Upper
 128 100
 49 126.6 119.9 222.7
 130 130.8 94.6 175.8
 51 44.7 45.1 67.7#





#25

Chloroform

Concen: 4.907 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

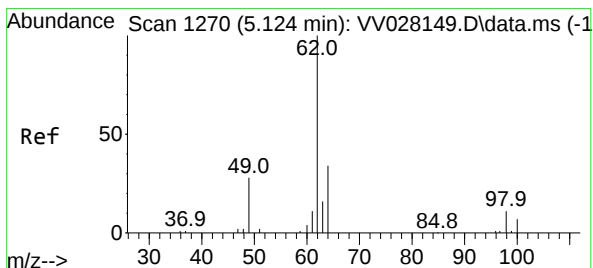
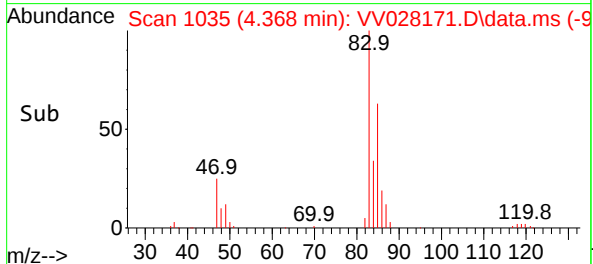
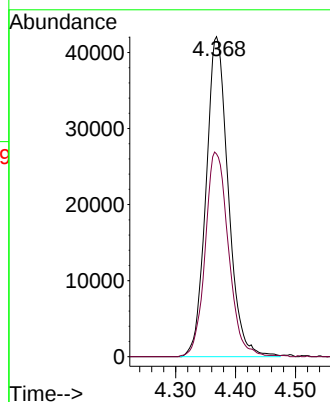
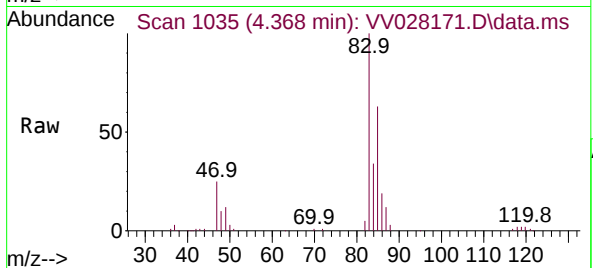
EXFR8MS

Tgt Ion: 83 Resp: 108335

Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 13.409 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028171.D

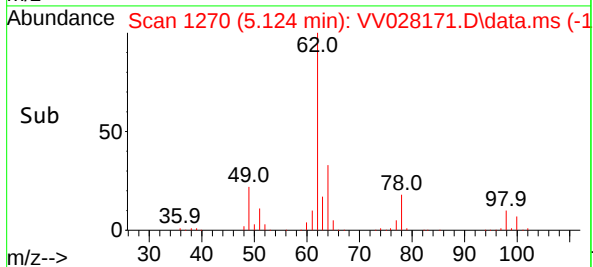
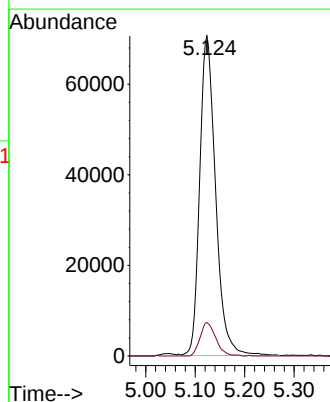
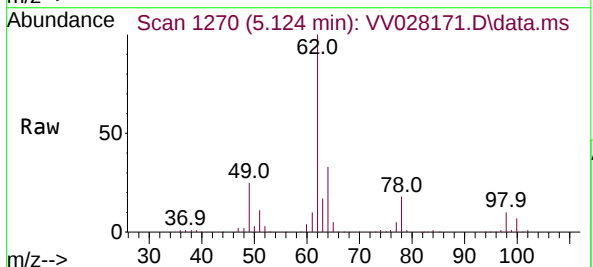
Acq: 28 Sep 2022 20:07

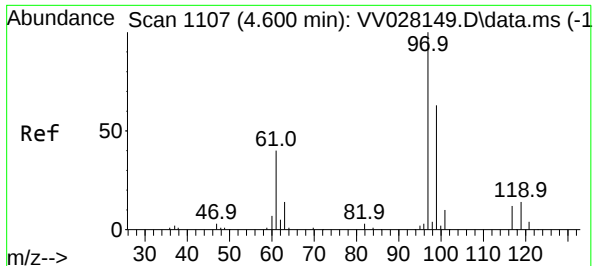
Tgt Ion: 62 Resp: 157846

Ion Ratio Lower Upper

62 100

98 10.4 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.938 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

EXFR8MS

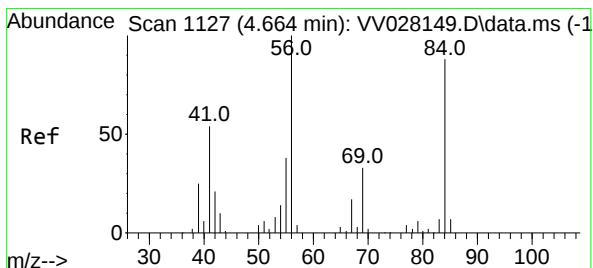
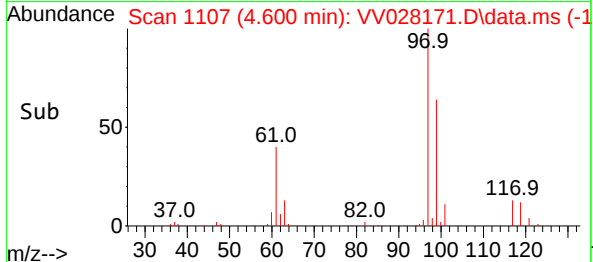
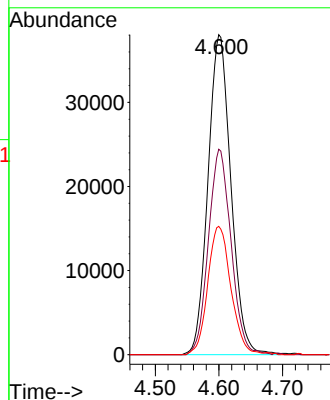
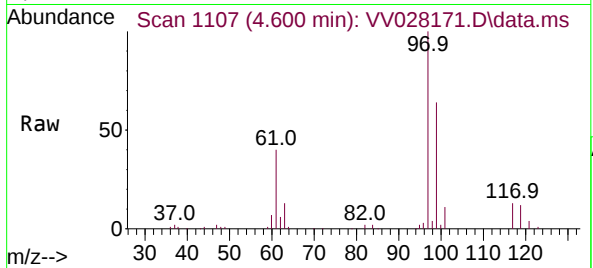
Tgt Ion: 97 Resp: 95372

Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 40.3 34.8 52.2



#30

Cyclohexane

Concen: 4.143 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

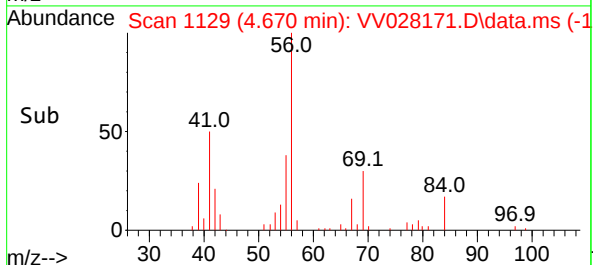
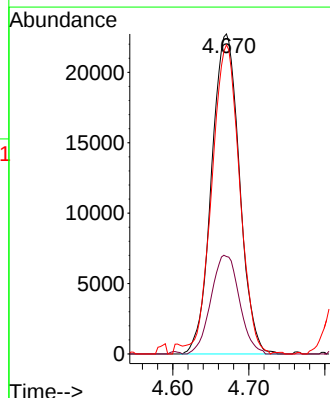
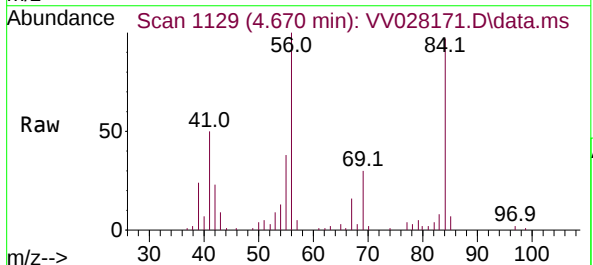
Tgt Ion: 56 Resp: 57866

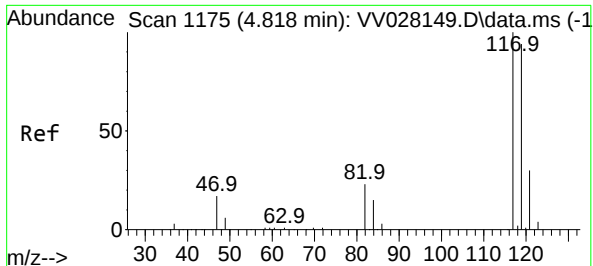
Ion Ratio Lower Upper

56 100

69 31.4 23.7 35.5

84 95.8 67.3 100.9

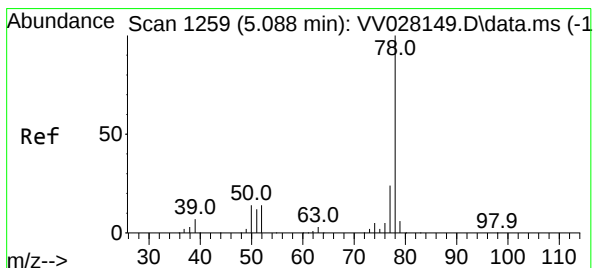
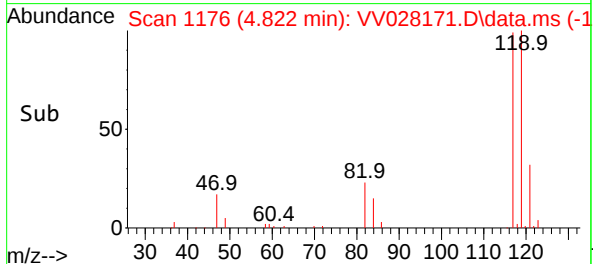
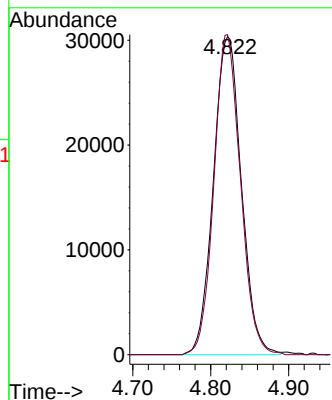
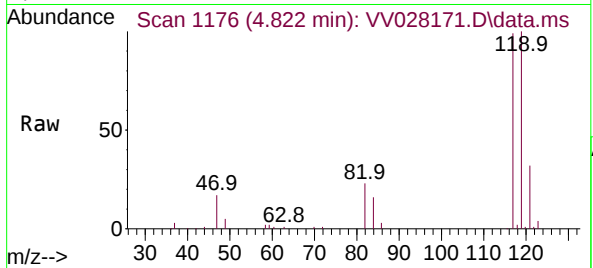




#31
Carbon tetrachloride
Concen: 4.761 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

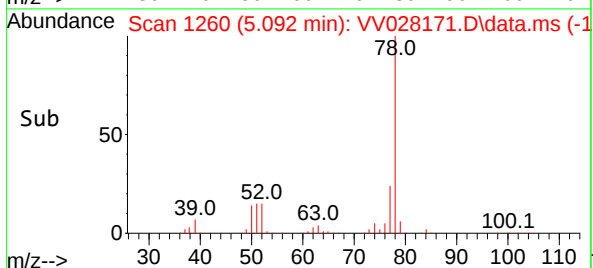
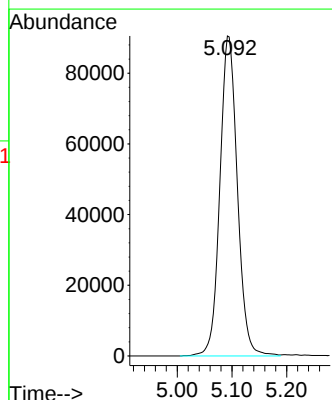
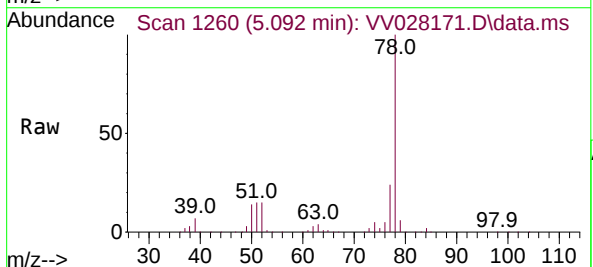
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

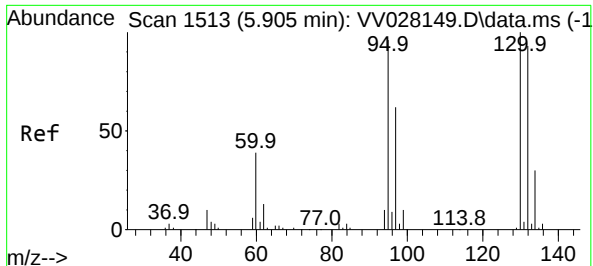
Tgt Ion:117 Resp: 75667
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3



#33
Benzene
Concen: 4.606 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 78 Resp: 201074

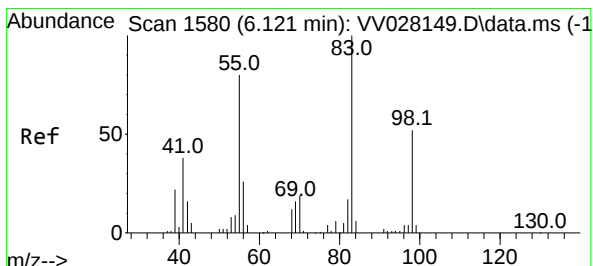
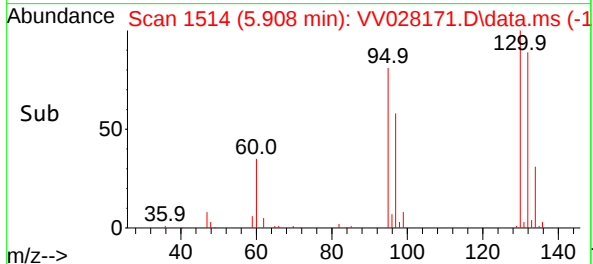
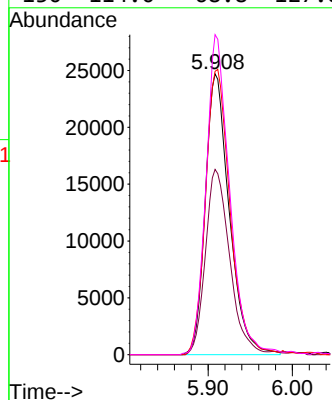
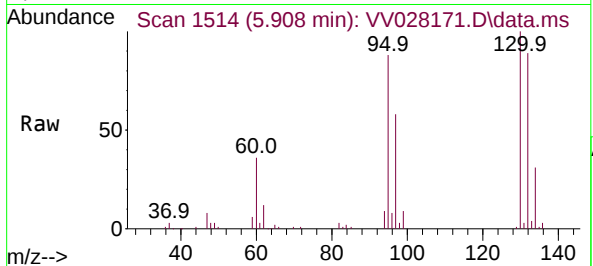




#34
Trichloroethene
Concen: 4.505 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

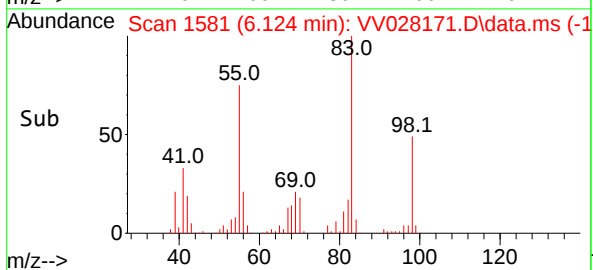
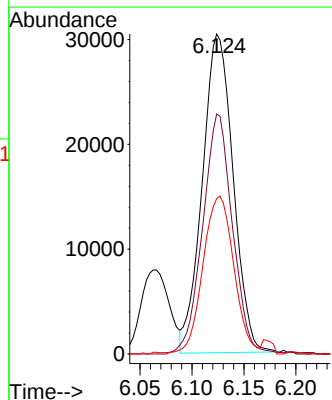
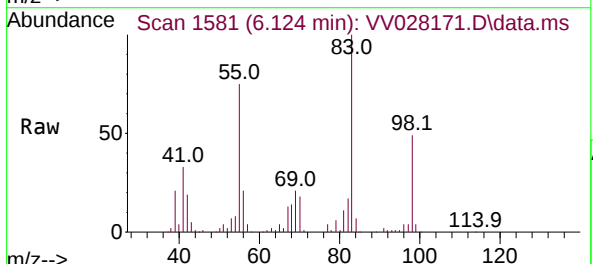
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

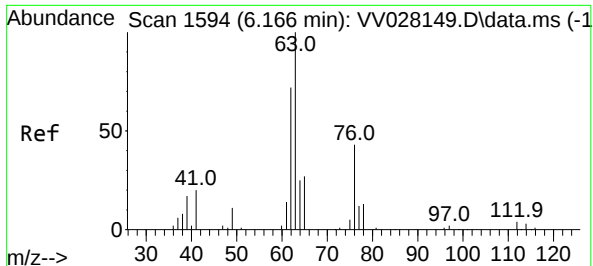
Tgt Ion: 95 Resp: 48948
Ion Ratio Lower Upper
95 100
97 66.0 44.2 82.0
132 100.9 67.8 126.0
130 114.0 68.8 127.8



#35
Methylcyclohexane
Concen: 4.213 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 83 Resp: 62778
Ion Ratio Lower Upper
83 100
55 72.8 64.7 97.1
98 48.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.216 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

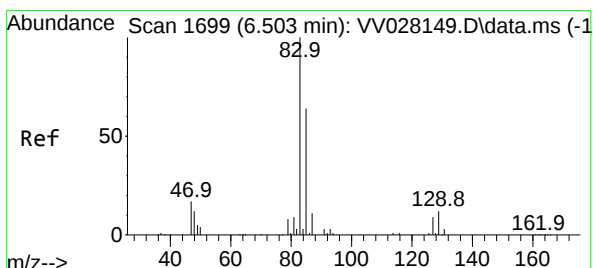
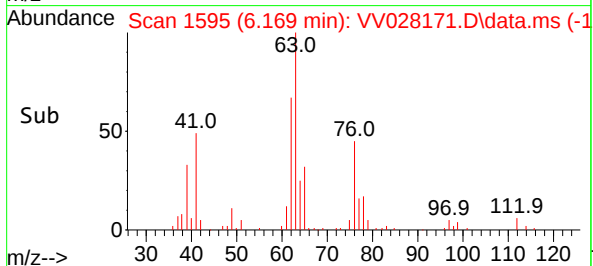
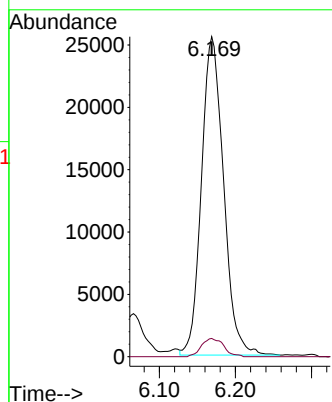
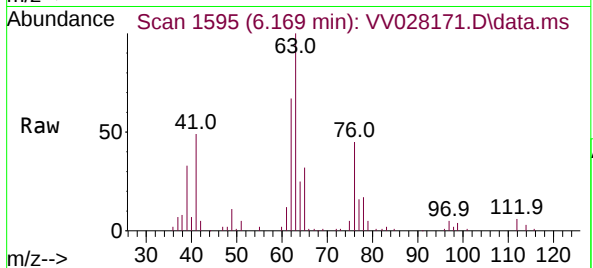
EXFR8MS

Tgt Ion: 63 Resp: 51595

Ion Ratio Lower Upper

63 100

112 5.8 3.5 5.3#



#38

Bromodichloromethane

Concen: 4.673 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

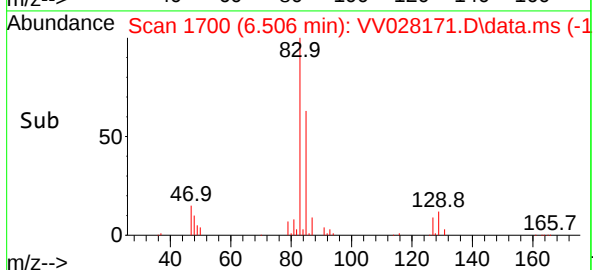
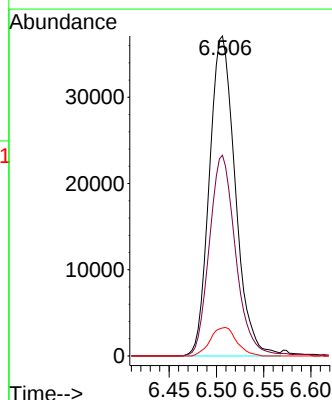
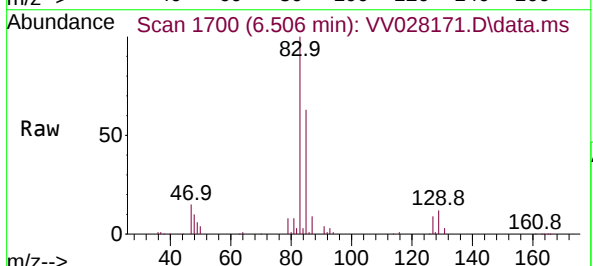
Tgt Ion: 83 Resp: 70591

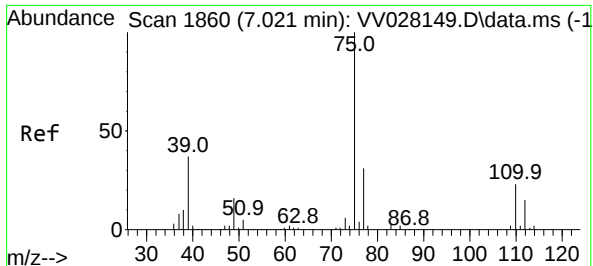
Ion Ratio Lower Upper

83 100

85 62.8 43.8 81.4

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.162 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

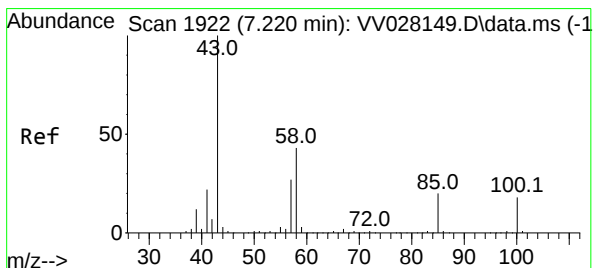
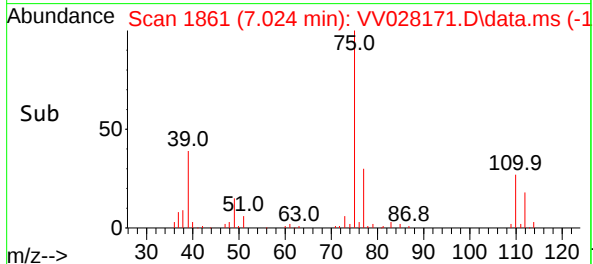
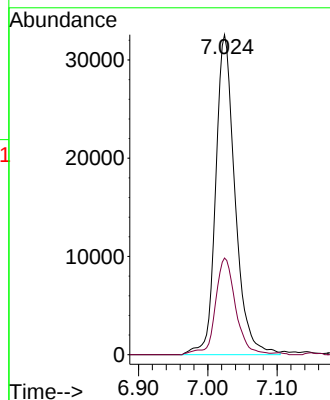
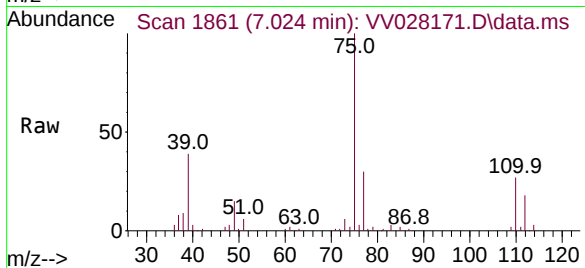
EXFR8MS

Tgt Ion: 75 Resp: 63258

Ion Ratio Lower Upper

75 100

77 30.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 41.906 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

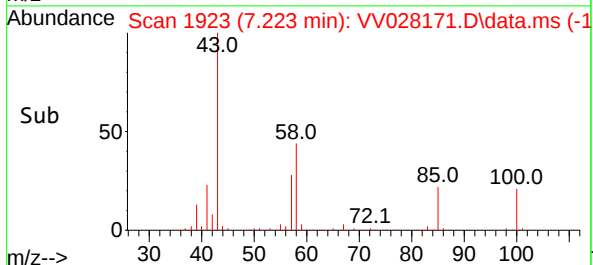
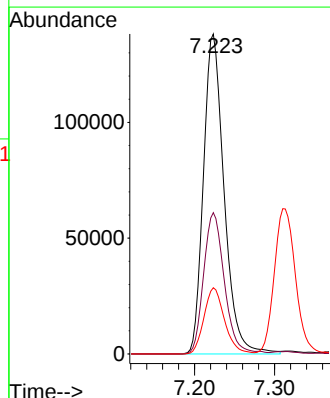
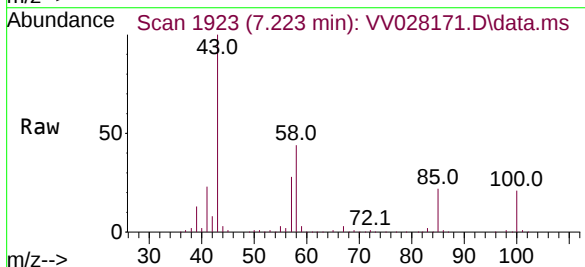
Tgt Ion: 43 Resp: 249014

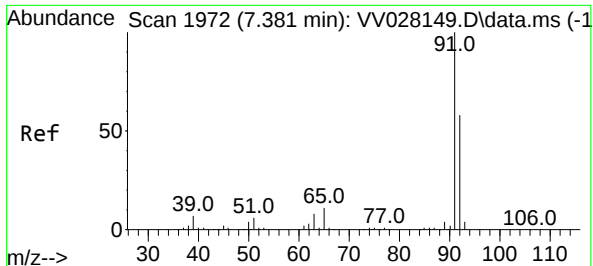
Ion Ratio Lower Upper

43 100

58 44.3 32.2 48.4

100 20.6 12.7 19.1





#42

Toluene

Concen: 4.862 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

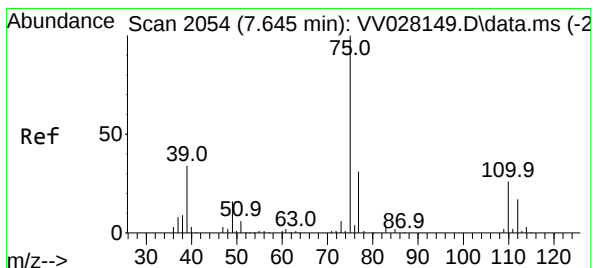
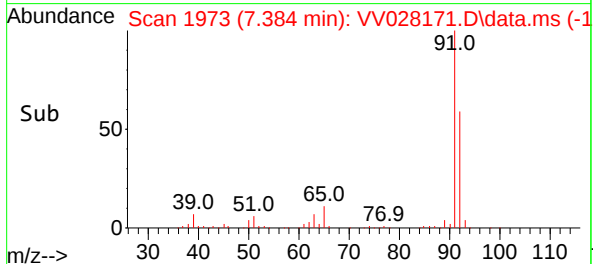
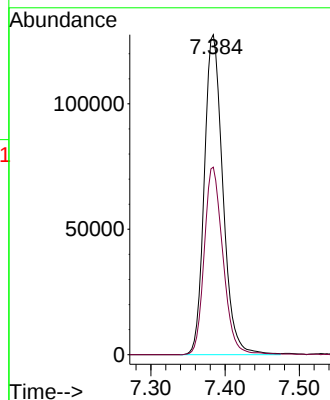
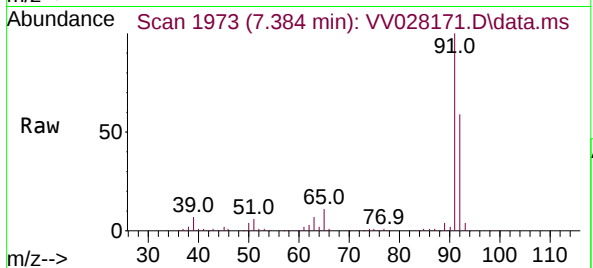
EXFR8MS

Tgt Ion: 91 Resp: 221390

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.245 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028171.D

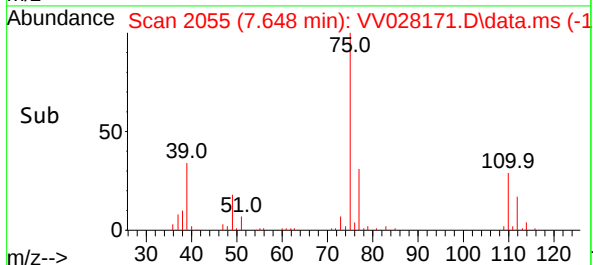
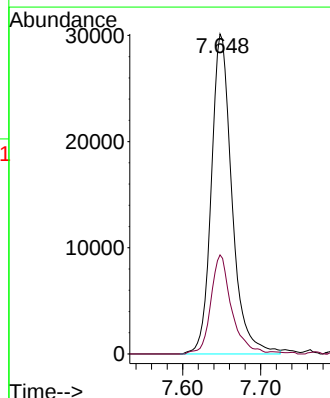
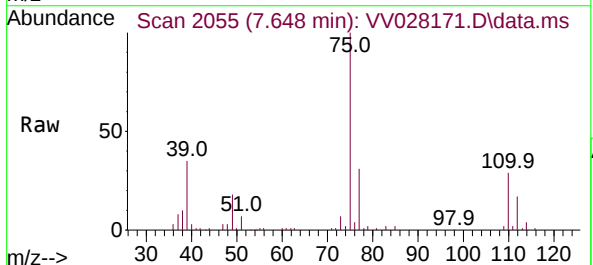
Acq: 28 Sep 2022 20:07

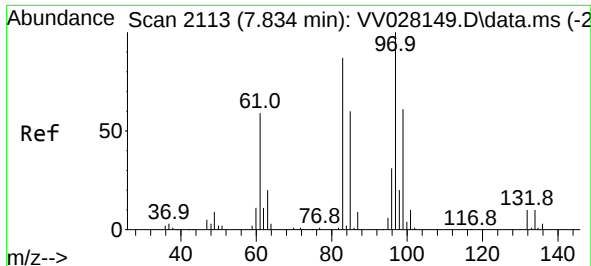
Tgt Ion: 75 Resp: 55494

Ion Ratio Lower Upper

75 100

77 31.0 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 4.721 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

EXFR8MS

Tgt Ion: 97 Resp: 38720

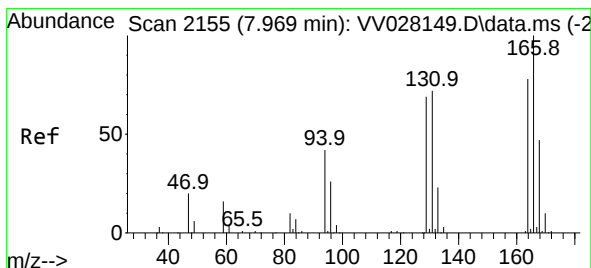
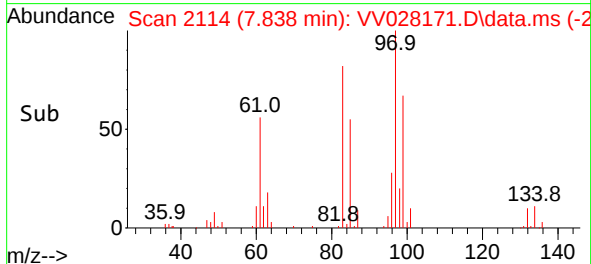
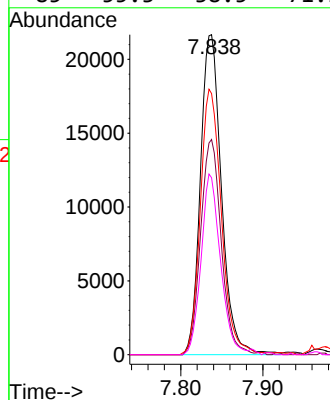
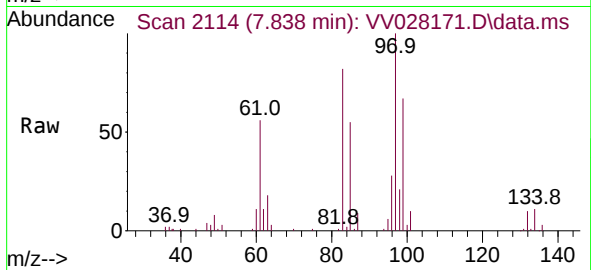
Ion Ratio Lower Upper

97 100

99 67.3 43.2 80.2

83 81.6 59.1 109.9

85 55.3 38.5 71.5



#47

Tetrachloroethene

Concen: 4.841 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Tgt Ion:164 Resp: 41987

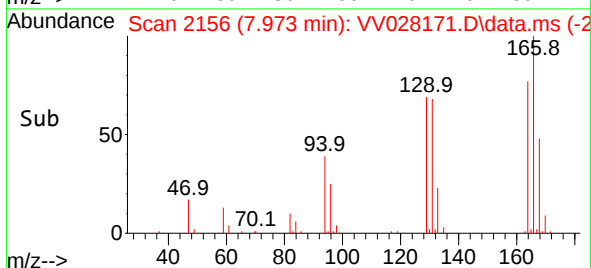
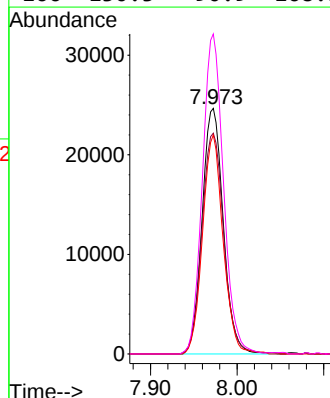
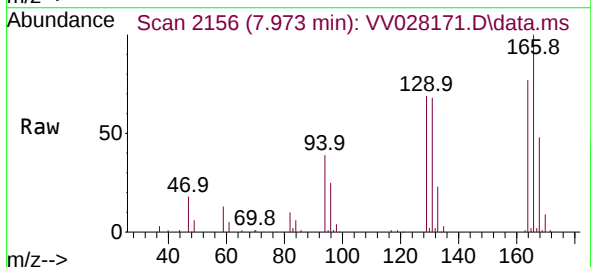
Ion Ratio Lower Upper

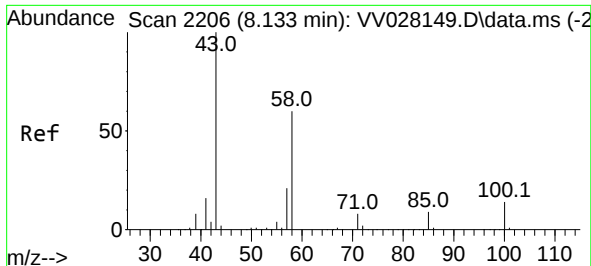
164 100

129 89.9 66.7 123.9

131 89.2 61.7 114.5

166 130.3 90.9 168.9

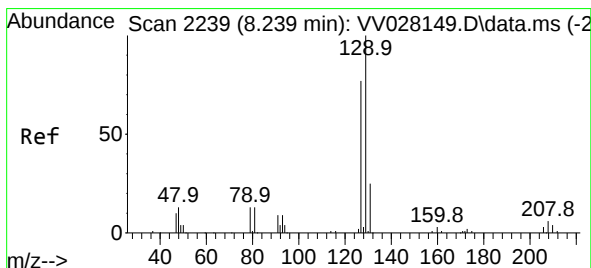
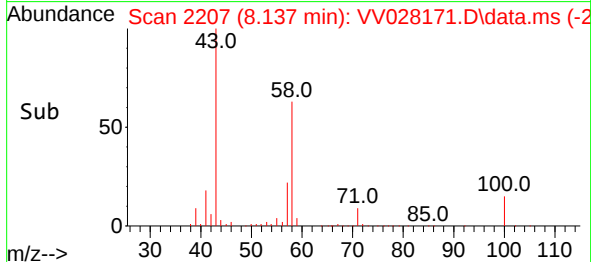
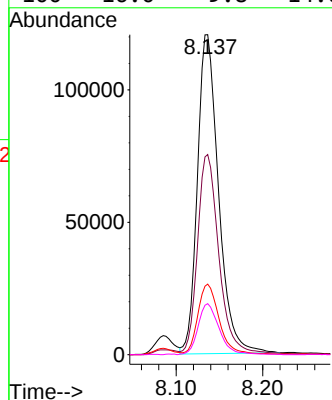
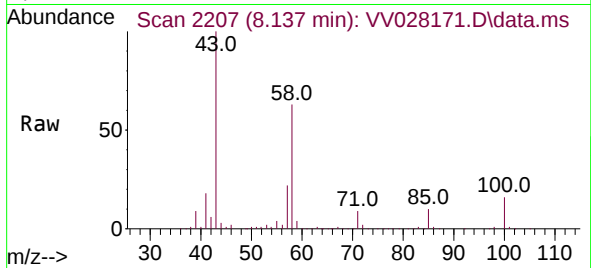




#48
2-Hexanone
Concen: 45.409 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

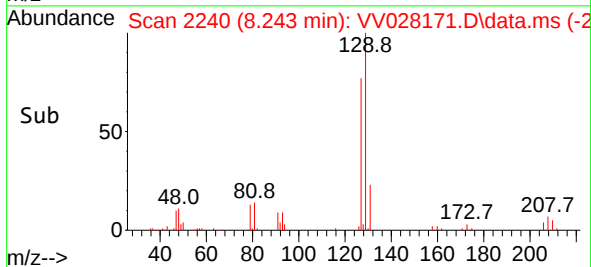
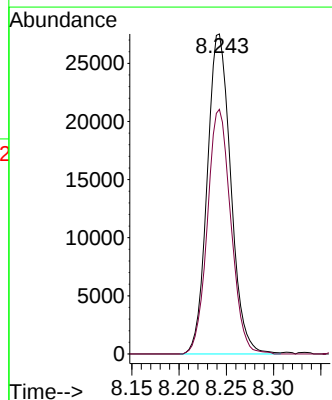
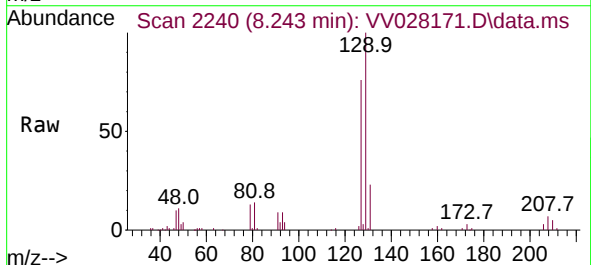
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

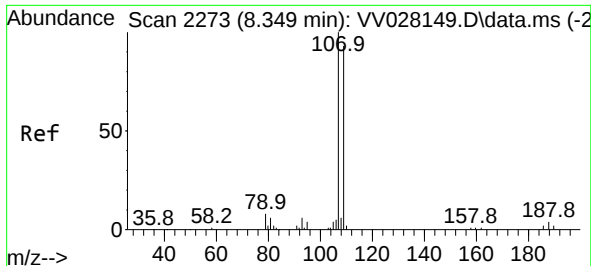
Tgt Ion: 43 Resp: 204841
Ion Ratio Lower Upper
43 100
58 63.0 45.7 68.5
57 22.1 15.5 23.3
100 16.0 9.8 14.6#



#49
Dibromochloromethane
Concen: 4.838 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 129 Resp: 47713
Ion Ratio Lower Upper
129 100
127 76.5 54.3 100.9





#50

1,2-Dibromoethane

Concen: 4.743 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

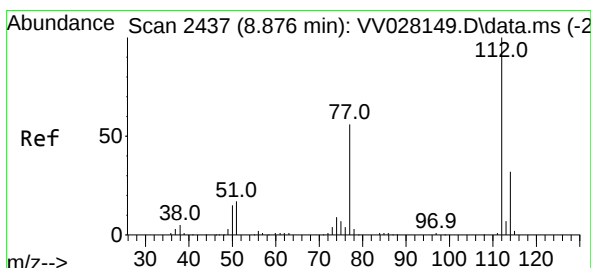
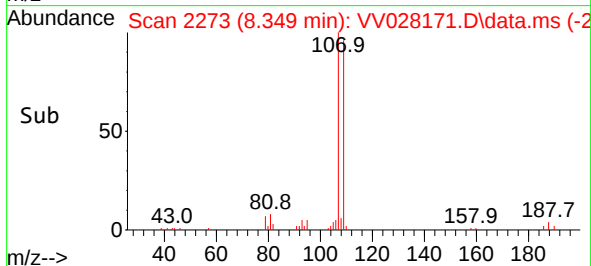
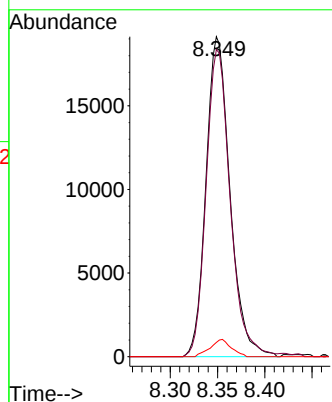
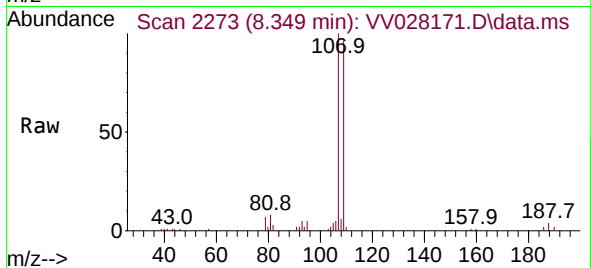
Instrument :

MSVOA_V

ClientSampleId :

EXFR8MS

Tgt Ion:	107	Resp:	33812
Ion	Ratio	Lower	Upper
107	100		
109	95.9	65.9	122.5
188	4.5	3.4	5.0



#51

Chlorobenzene

Concen: 4.995 ug/L

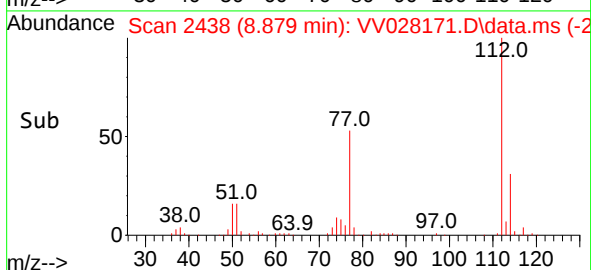
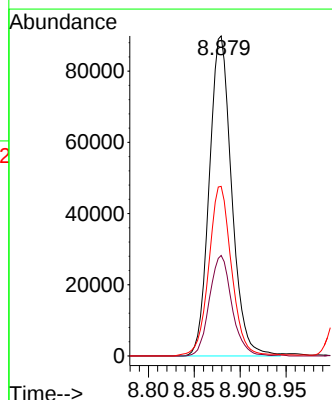
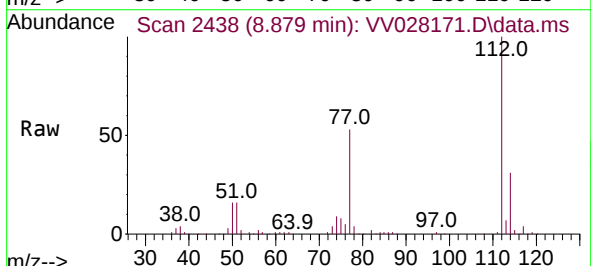
RT: 8.879 min Scan# 2438

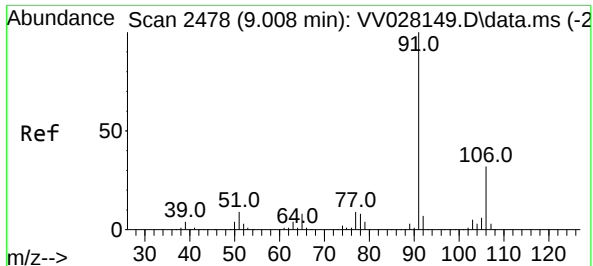
Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Tgt Ion:	112	Resp:	152546
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.7
77	53.0	46.1	69.1





#52

Ethylbenzene

Concen: 4.748 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

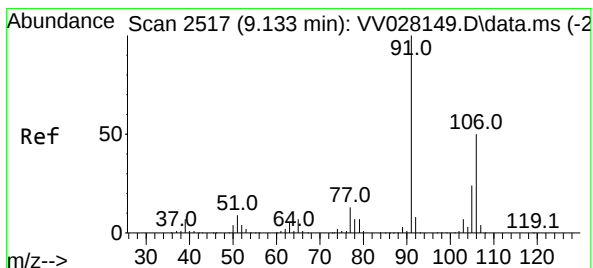
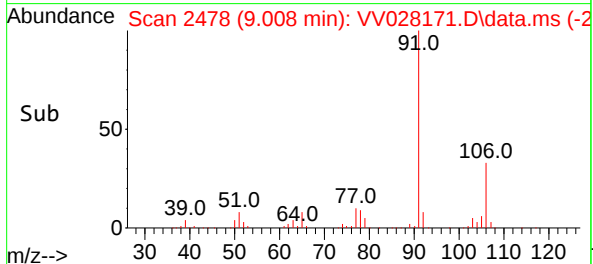
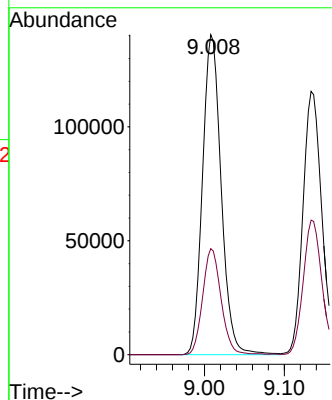
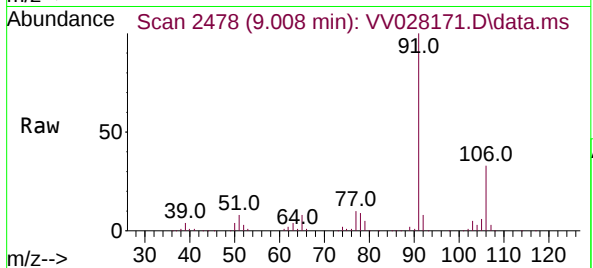
EXFR8MS

Tgt Ion: 91 Resp: 228699

Ion Ratio Lower Upper

91 100

106 33.2 21.5 39.9



#53

m,p-Xylene

Concen: 5.221 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.000 min

Lab File: VV028171.D

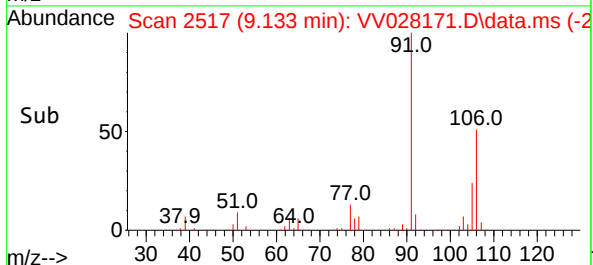
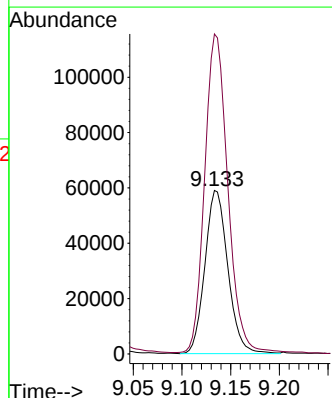
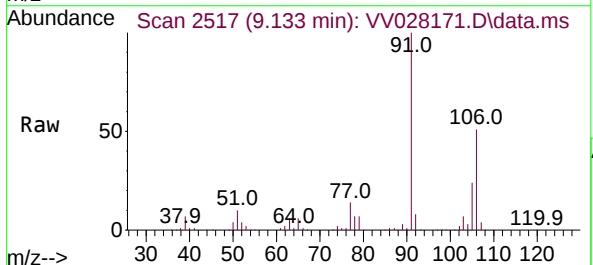
Acq: 28 Sep 2022 20:07

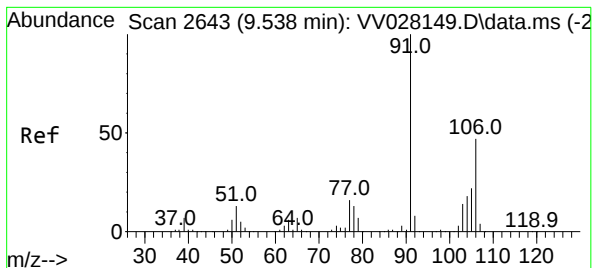
Tgt Ion: 106 Resp: 96380

Ion Ratio Lower Upper

106 100

91 195.8 141.9 263.5





#54

o-Xylene

Concen: 4.898 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.003 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

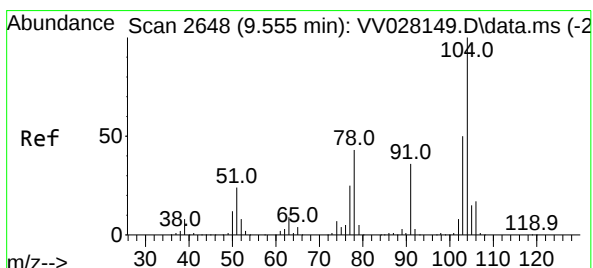
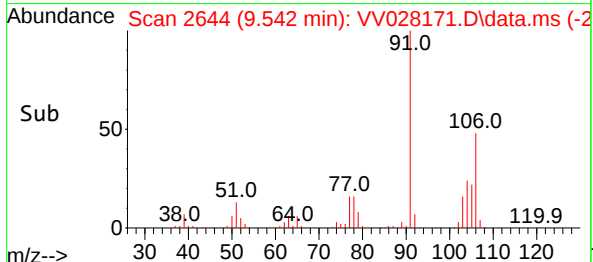
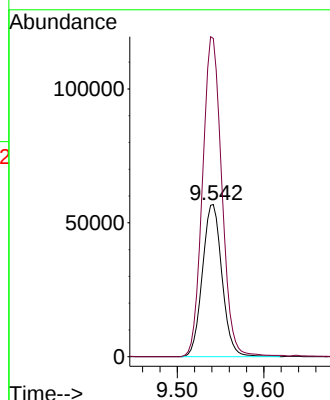
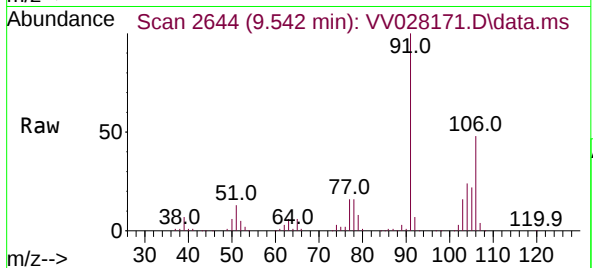
EXFR8MS

Tgt Ion:106 Resp: 89294

Ion Ratio Lower Upper

106 100

91 209.1 148.1 275.0



#55

Styrene

Concen: 5.100 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.003 min

Lab File: VV028171.D

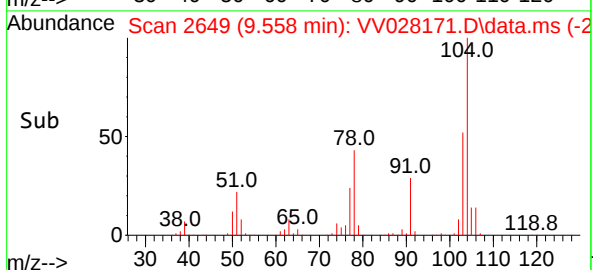
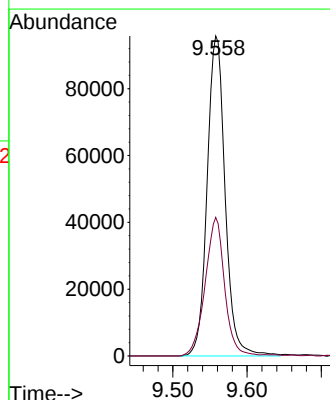
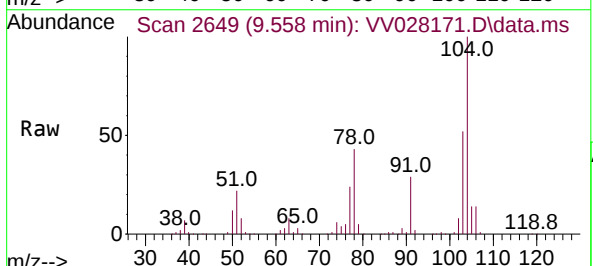
Acq: 28 Sep 2022 20:07

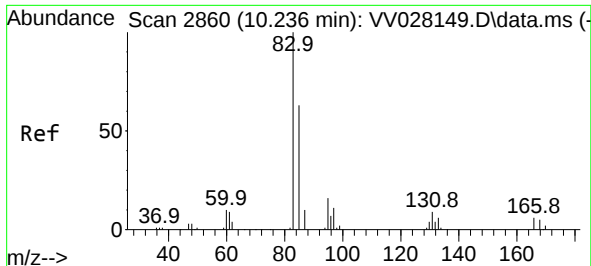
Tgt Ion:104 Resp: 161106

Ion Ratio Lower Upper

104 100

78 43.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.804 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

EXFR8MS

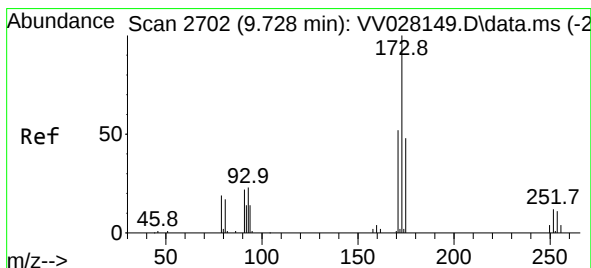
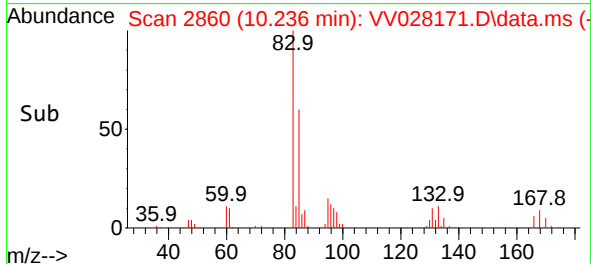
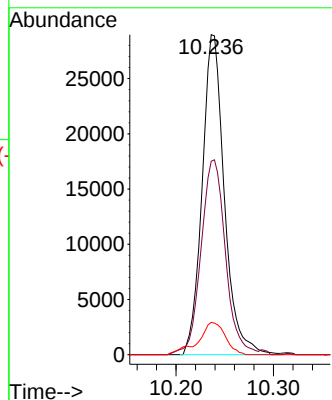
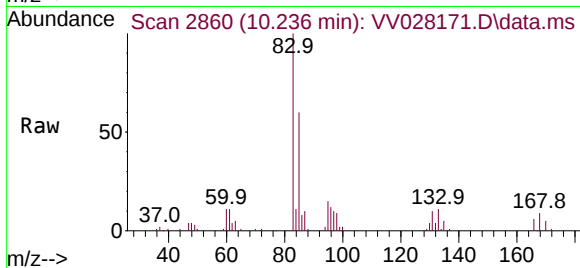
Tgt Ion: 83 Resp: 45915

Ion Ratio Lower Upper

83 100

85 60.4 45.2 84.0

131 10.1 7.8 11.8



#59

Bromoform

Concen: 4.715 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

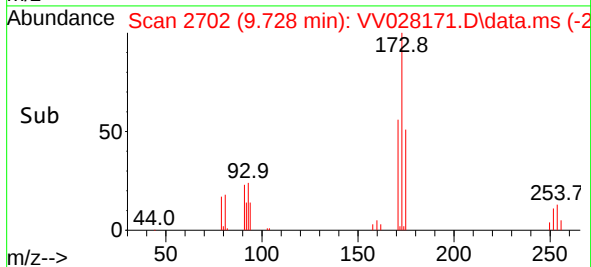
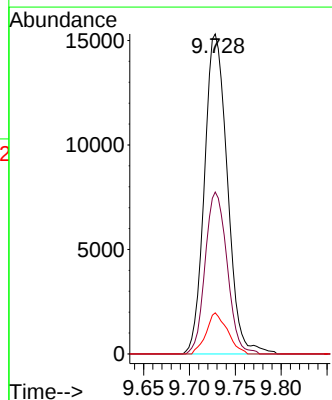
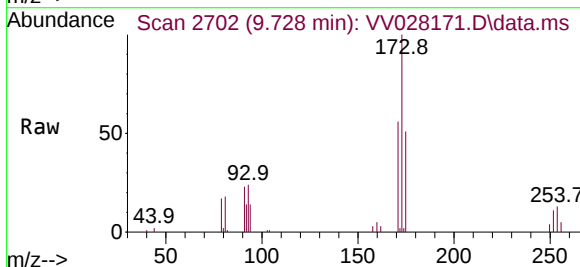
Tgt Ion: 173 Resp: 26680

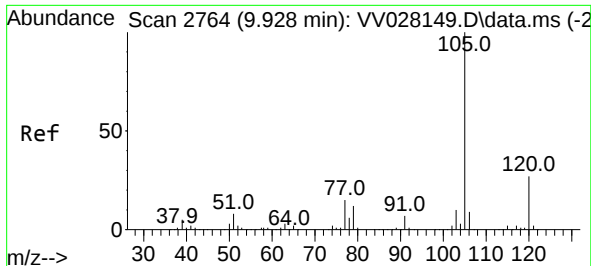
Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

254 11.9 8.7 13.1

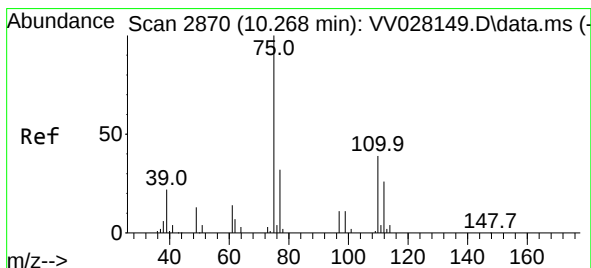
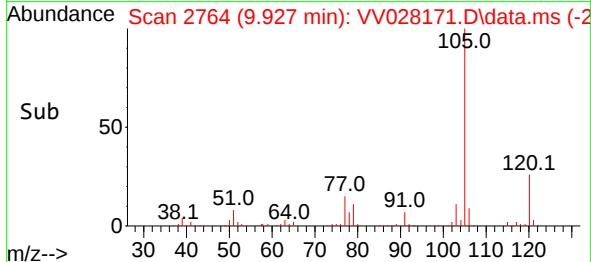
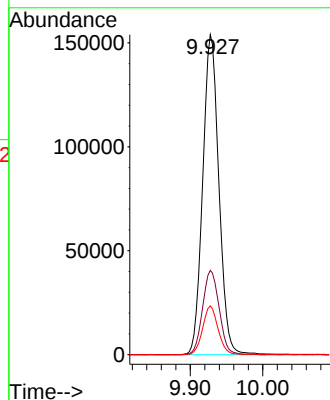
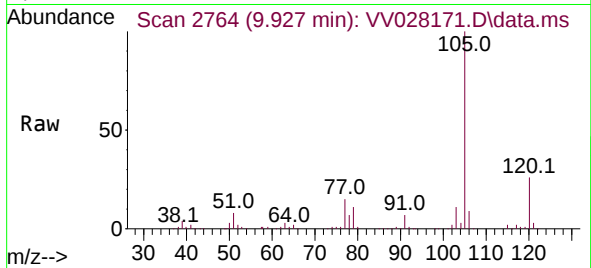




#60
Isopropylbenzene
Concen: 4.553 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

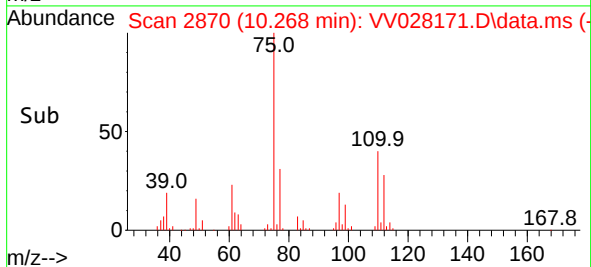
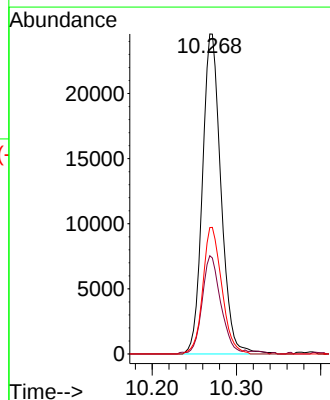
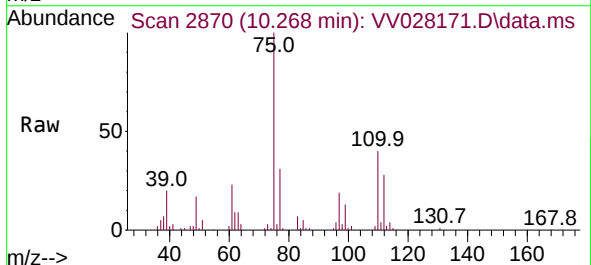
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

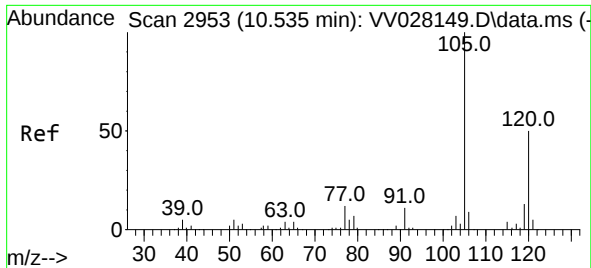
Tgt Ion:105 Resp: 238161
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.043 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion: 75 Resp: 37693
Ion Ratio Lower Upper
75 100
77 30.8 26.7 40.1
110 40.4 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.875 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

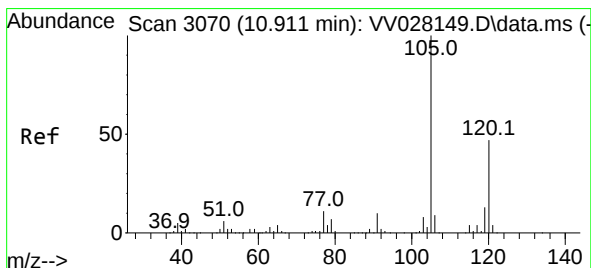
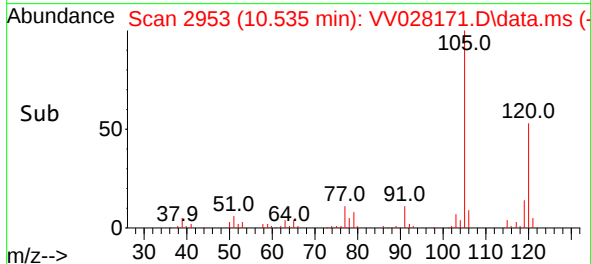
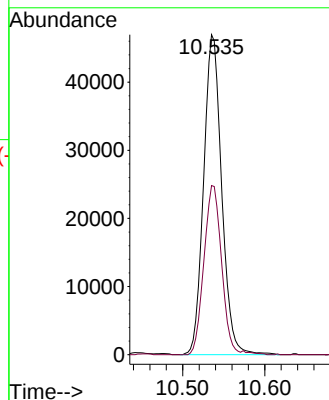
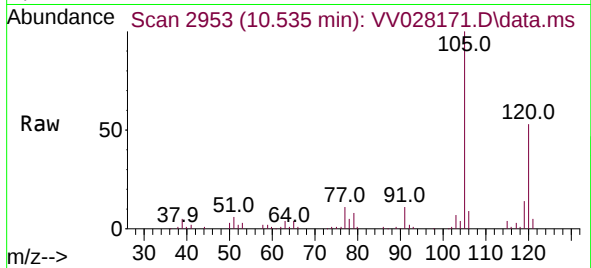
EXFR8MS

Tgt Ion:105 Resp: 71831

Ion Ratio Lower Upper

105 100

120 52.0 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.665 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028171.D

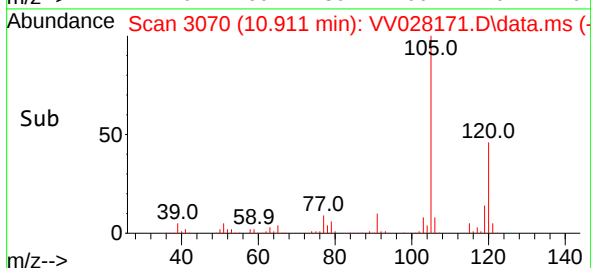
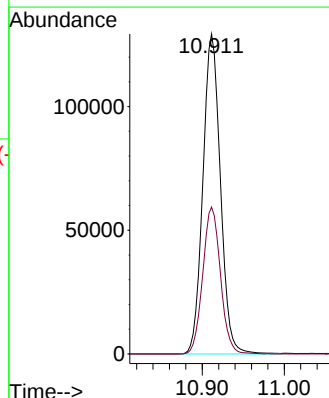
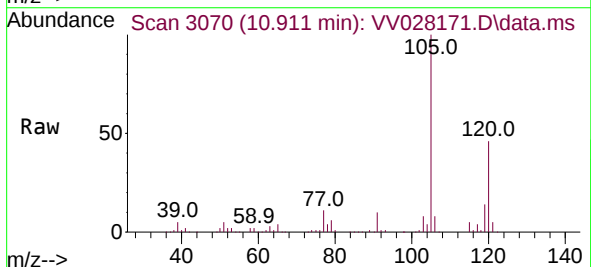
Acq: 28 Sep 2022 20:07

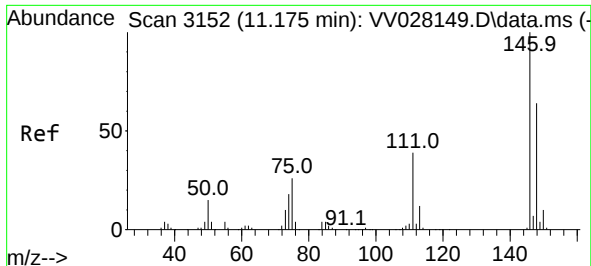
Tgt Ion:105 Resp: 192155

Ion Ratio Lower Upper

105 100

120 46.3 37.8 56.8

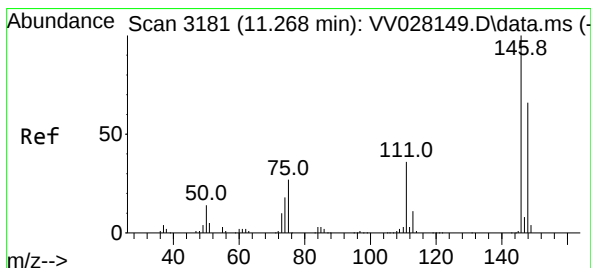
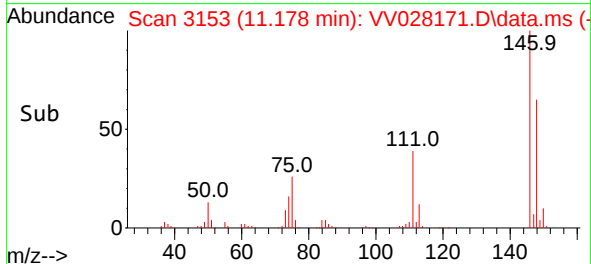
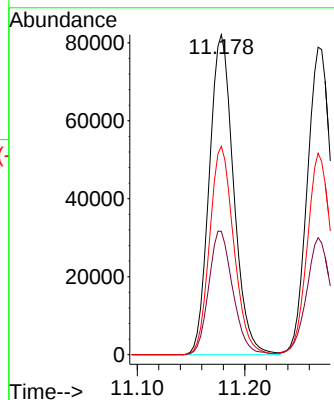
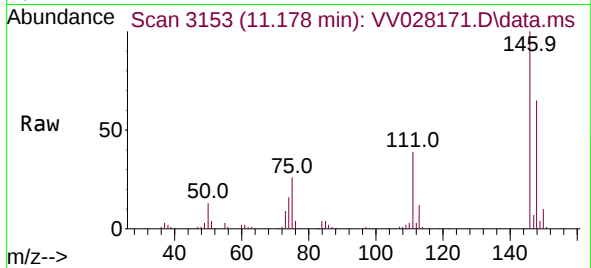




#64
1,3-Dichlorobenzene
Concen: 4.959 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

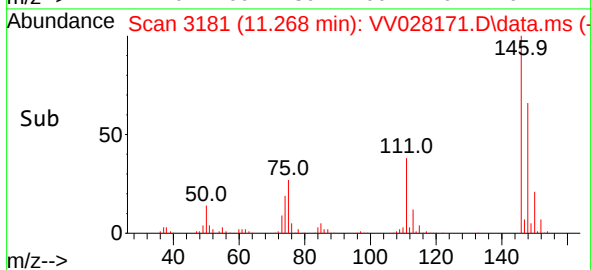
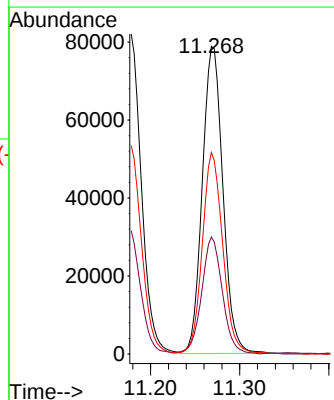
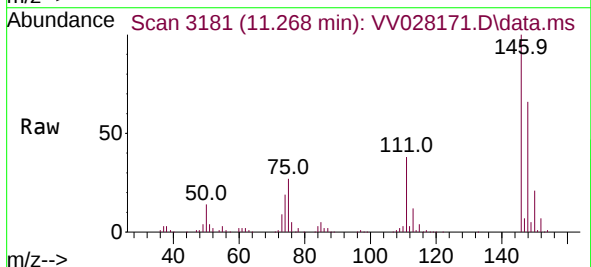
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

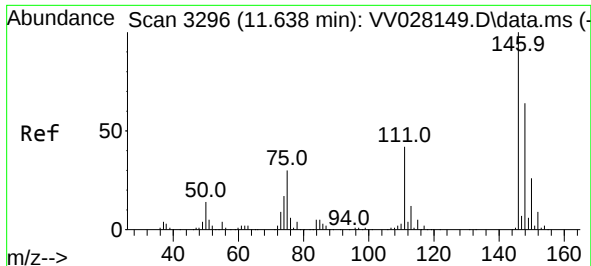
Tgt Ion:146 Resp: 129085
Ion Ratio Lower Upper
146 100
111 38.5 27.1 50.3
148 65.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 4.853 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion:146 Resp: 126388
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.8
148 65.5 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.901 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

EXFR8MS

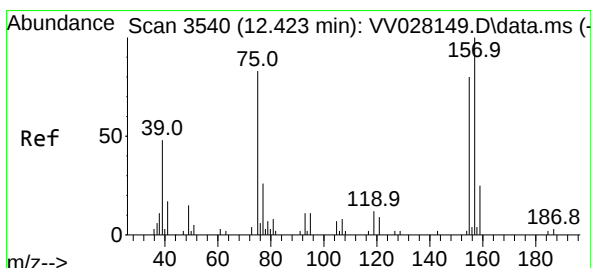
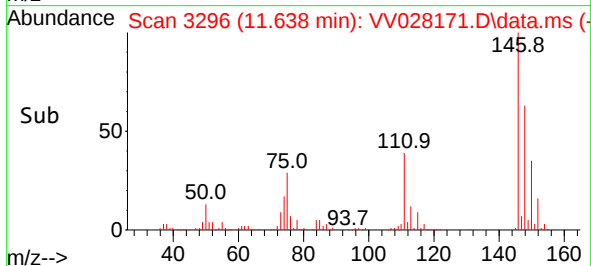
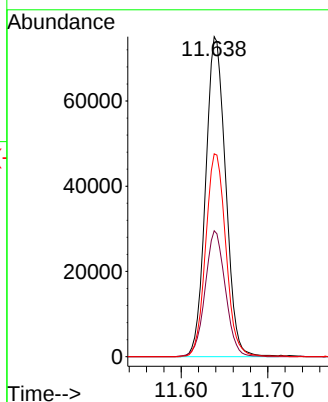
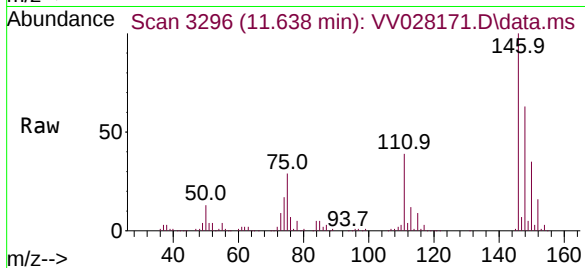
Tgt Ion:146 Resp: 120518

Ion Ratio Lower Upper

146 100

111 39.4 32.6 49.0

148 63.4 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.291 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.000 min

Lab File: VV028171.D

Acq: 28 Sep 2022 20:07

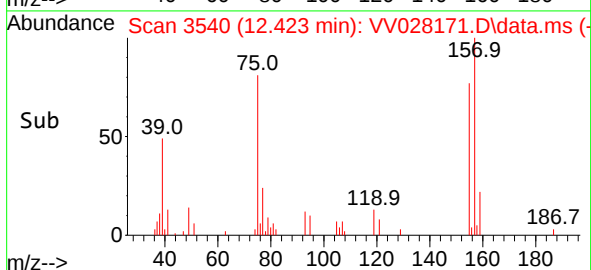
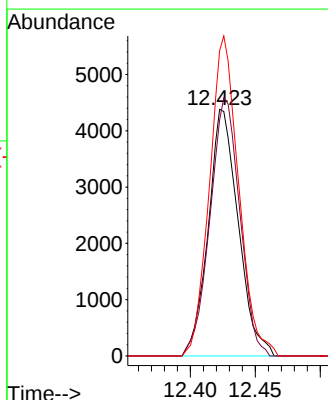
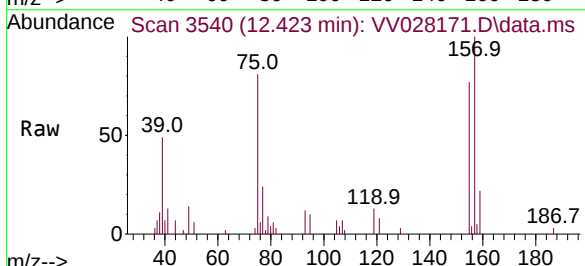
Tgt Ion: 75 Resp: 7030

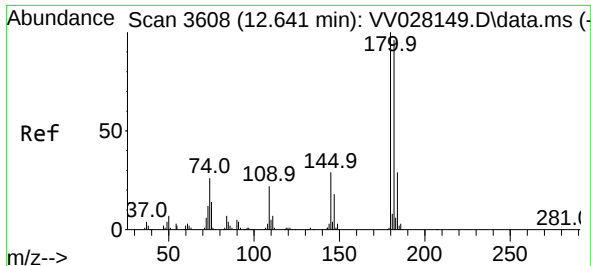
Ion Ratio Lower Upper

75 100

155 95.8 73.6 110.4

157 123.8 90.7 136.1

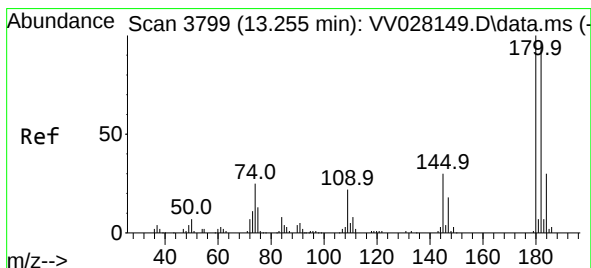
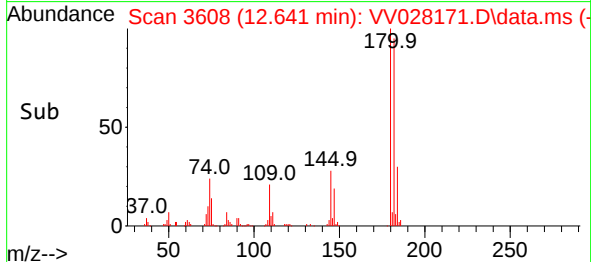
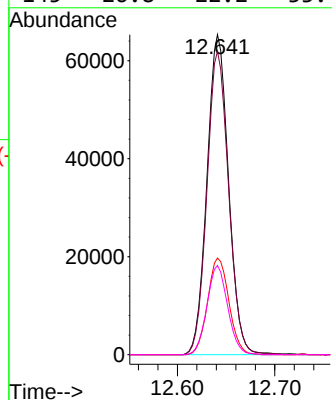
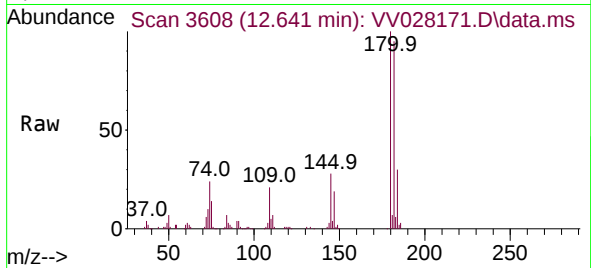




#69
1,3,5-Trichlorobenzene
Concen: 4.882 ug/L
RT: 12.641 min Scan# 30
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

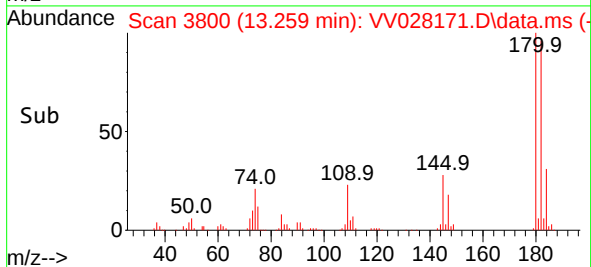
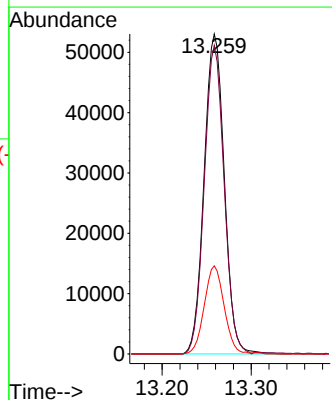
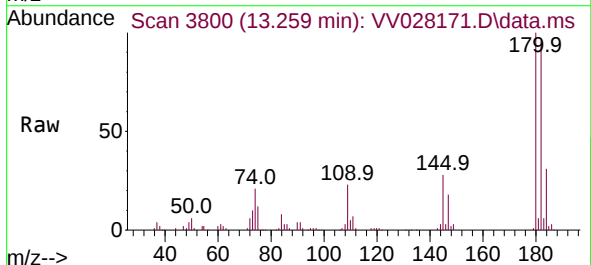
Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

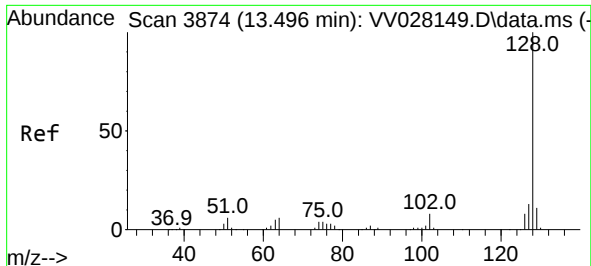
Tgt Ion:180	Resp:	100584
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.5 113.3
184	29.8	23.7 35.5
145	26.8	22.2 33.4



#70
1,2,4-trichlorobenzene
Concen: 5.063 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion:180	Resp:	83425
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.3 114.5
145	27.0	22.9 34.3

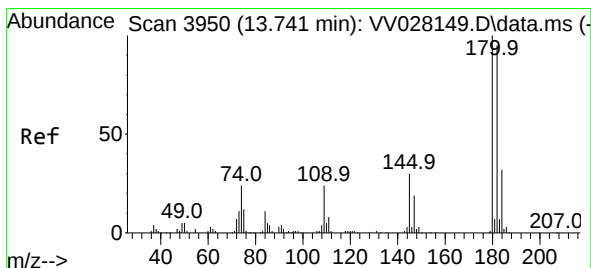
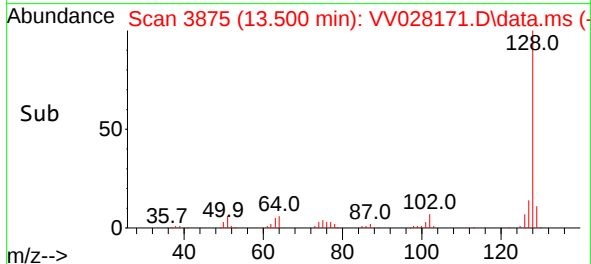
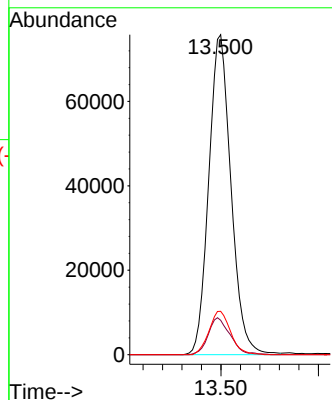
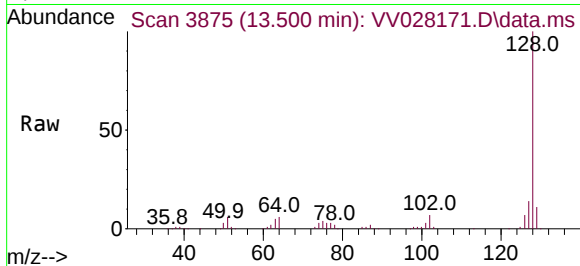




#71
Naphthalene
Concen: 4.445 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Instrument :
MSVOA_V
ClientSampleId :
EXFR8MS

Tgt Ion:128 Resp: 119933
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.730 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028171.D
Acq: 28 Sep 2022 20:07

Tgt Ion:180 Resp: 70491
Ion Ratio Lower Upper
180 100
182 97.5 77.4 116.0
145 31.2 24.6 36.8

