

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032316.D
 Acq On : 09 Oct 2023 09:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 14:03:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33989	4.387	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.532	69	26017	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.060	65	13077	4.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.799	46	80460	41.053	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.100%
24) Chloroform-d	4.256	84	54727	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	4.950	65	26499	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	4.966	84	103881	3.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	5.995	67	32598	3.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.400%
41) Toluene-d8	7.246	98	102733	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.558	79	13638	3.925	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.031	63	69261	42.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28874	4.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	37009	3.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61169	5.762	ug/L	98
3) Chloromethane	1.217	50	56559	5.285	ug/L	98
5) Vinyl chloride	1.282	62	55093	5.398	ug/L	99
6) Bromomethane	1.487	94	32573	5.283	ug/L	98
8) Chloroethane	1.548	64	34037	5.539	ug/L	100
9) Trichlorofluoromethane	1.716	101	70294	5.743	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	43307	5.839	ug/L	96
12) 1,1-Dichloroethene	2.073	96	38054	5.447	ug/L	85
13) Acetone	2.121	43	95740	63.379	ug/L	95
14) Carbon disulfide	2.243	76	118875	4.867	ug/L	98
15) Methyl Acetate	2.381	43	19662	5.782	ug/L	97
16) Methylene chloride	2.449	84	44166	4.849	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	102129	5.369	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	40795	5.098	ug/L	99
19) 1,1-Dichloroethane	3.114	63	76314	5.069	ug/L	98
21) 2-Butanone	3.876	43	130449	55.222	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	43682	5.069	ug/L	98
23) Bromochloromethane	4.159	128	19887	5.486	ug/L	94
25) Chloroform	4.281	83	78274	5.299	ug/L	95

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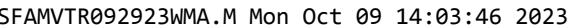
Instrument :
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 ClientSampleId :

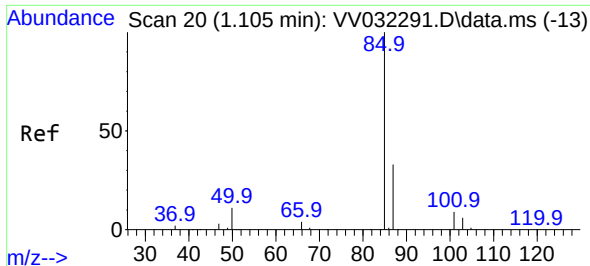
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51011	5.846	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	64758	4.736	ug/L	98
30) Cyclohexane	4.587	56	68490	4.558	ug/L	96
31) Carbon tetrachloride	4.741	117	57484	4.968	ug/L	97
33) Benzene	5.015	78	162349	4.585	ug/L	100
34) Trichloroethene	5.838	95	47951	4.961	ug/L	96
35) Methylcyclohexane	6.053	83	74661	4.991	ug/L	97
37) 1,2-Dichloropropane	6.098	63	46810	4.943	ug/L	99
38) Bromodichloromethane	6.436	83	58242	5.176	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	66010	4.898	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	330139	55.090	ug/L	99
42) Toluene	7.320	91	185601	4.917	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	54779	4.946	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	36586	5.477	ug/L	98
47) Tetrachloroethene	7.908	164	36499	4.979	ug/L	98
48) 2-Hexanone	8.079	43	242763	57.416	ug/L	100
49) Dibromochloromethane	8.178	129	37482	5.389	ug/L	96
50) 1,2-Dibromoethane	8.288	107	34077	5.393	ug/L #	97
51) Chlorobenzene	8.818	112	116442	4.791	ug/L	99
52) Ethylbenzene	8.950	91	200070	4.760	ug/L	99
53) m,p-Xylene	9.075	106	75959	4.873	ug/L	99
54) o-Xylene	9.481	106	71370	4.751	ug/L	100
55) Styrene	9.500	104	126428	4.984	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	41087	5.590	ug/L	99
59) Bromoform	9.670	173	21381	5.546	ug/L	99
60) Isopropylbenzene	9.870	105	197379	4.790	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30235	5.358	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	157875	4.701	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	158042	4.727	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	95827	4.868	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	96233	4.873	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	87749	4.888	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	6273	5.441	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	67881	4.709	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	58914	4.607	ug/L	100
71) Naphthalene	13.445	128	103508	4.765	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	54212	4.921	ug/L	99

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

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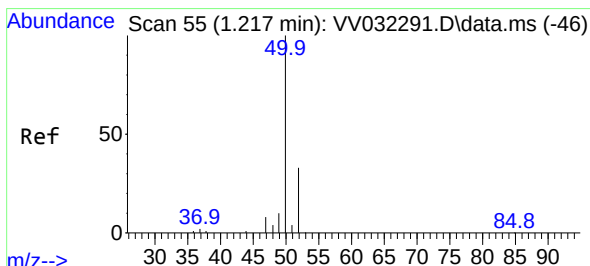
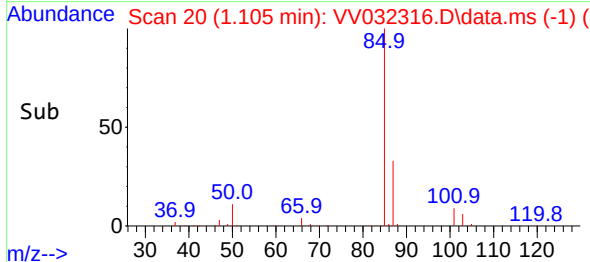
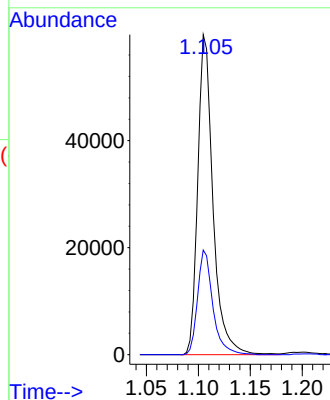
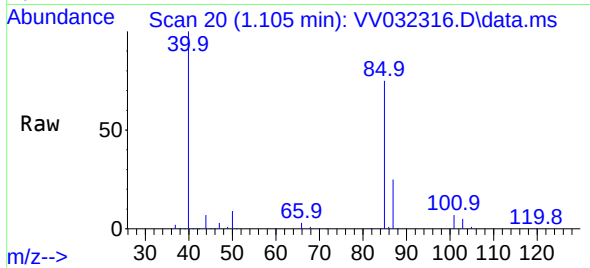




#2
 Dichlorodifluoromethane
 Concen: 5.762 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032316.D
 Acq: 09 Oct 2023 09:23

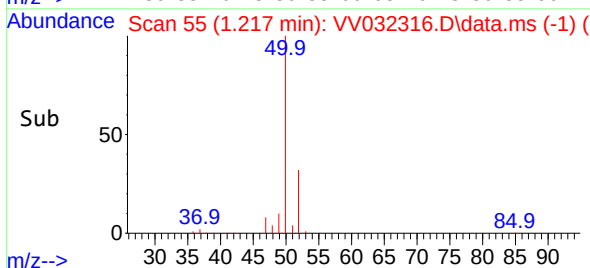
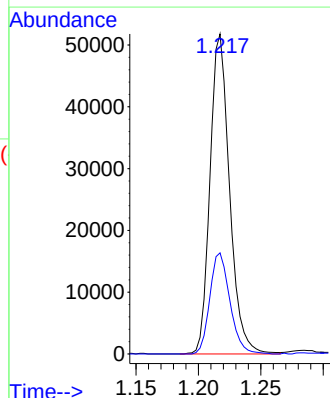
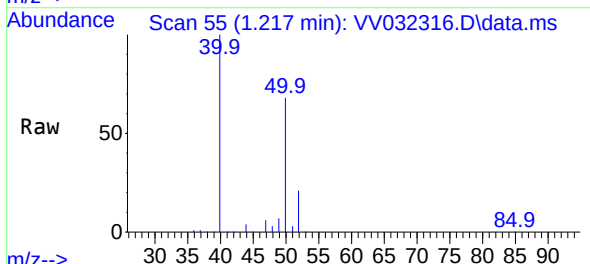
Instrument :
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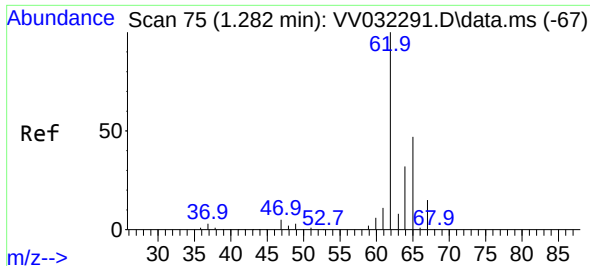
Tgt Ion: 85 Resp: 61169
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.5 38.3



#3
 Chloromethane
 Concen: 5.285 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032316.D
 Acq: 09 Oct 2023 09:23

Tgt Ion: 50 Resp: 56559
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.6

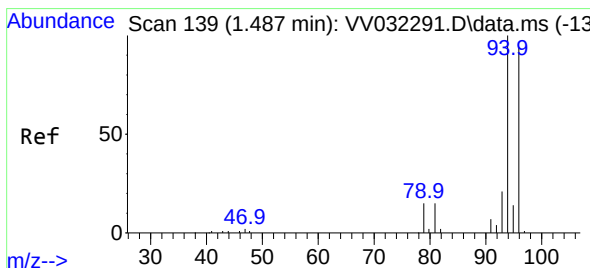
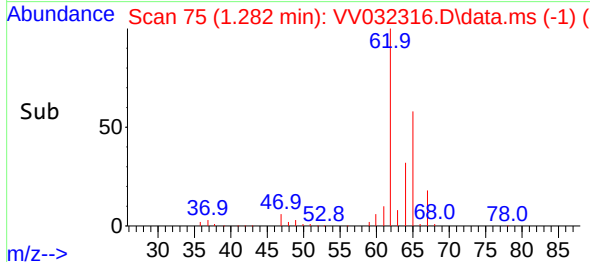
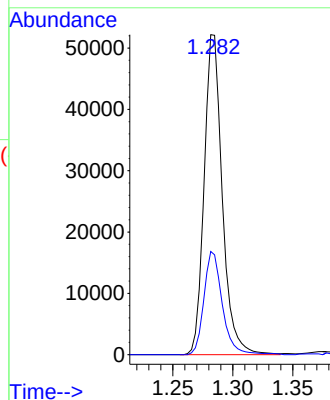
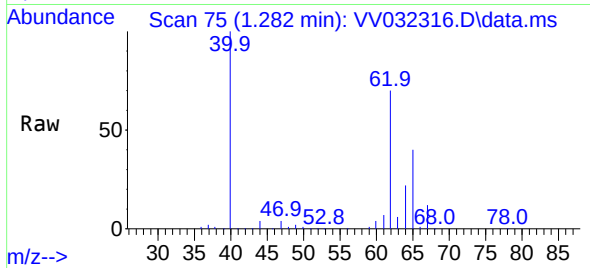




#5
 Vinyl chloride
 Concen: 5.398 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032316.D
 Acq: 09 Oct 2023 09:23

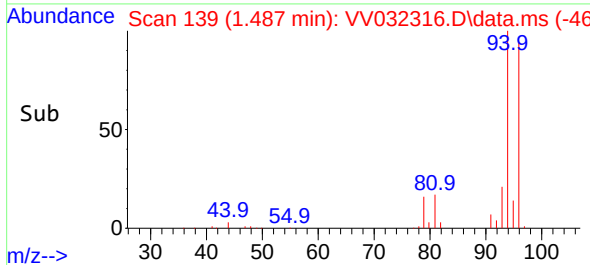
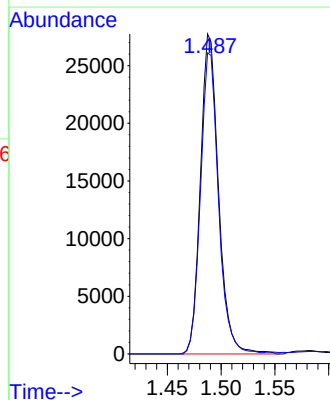
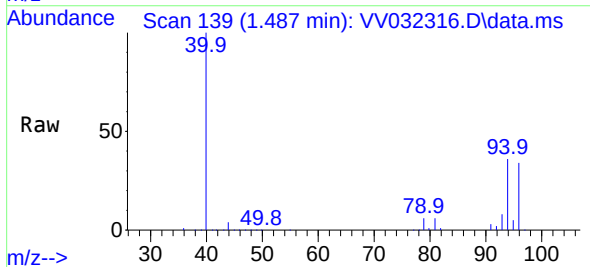
Instrument :
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 ClientSampleId :

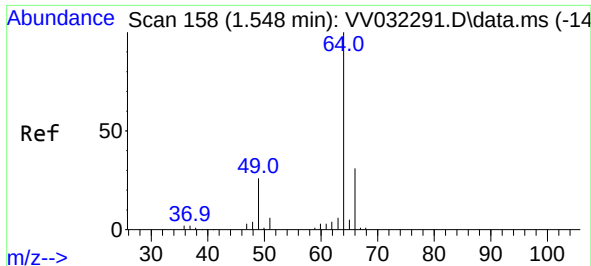
Tgt Ion: 62 Resp: 55093
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 5.283 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032316.D
 Acq: 09 Oct 2023 09:23

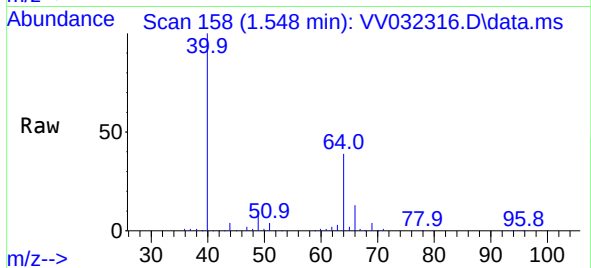
Tgt Ion: 94 Resp: 32573
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.8 124.2



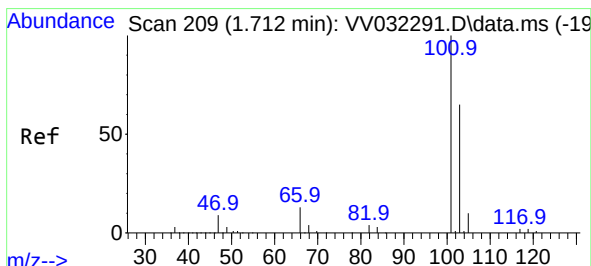
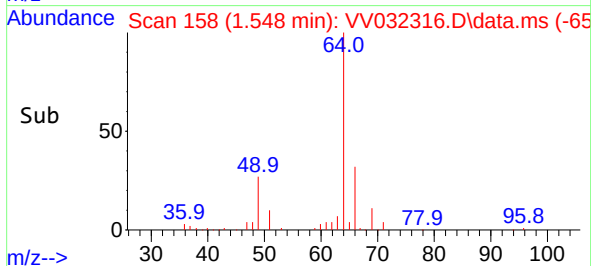
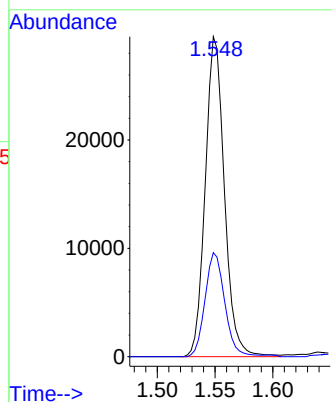


#8
Chloroethane
Concen: 5.539 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :

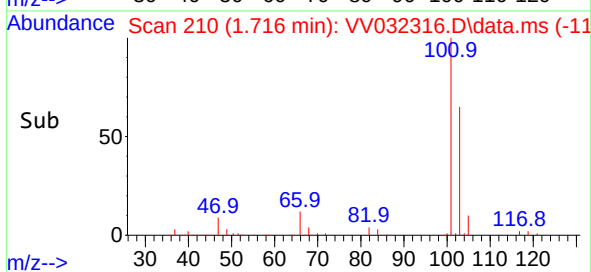
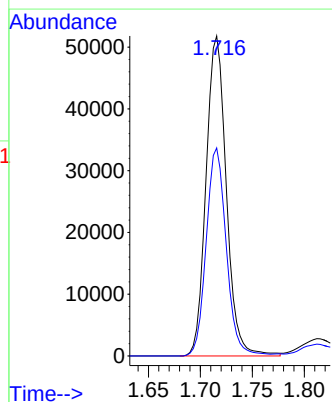
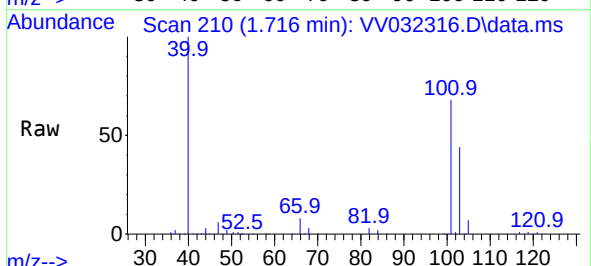


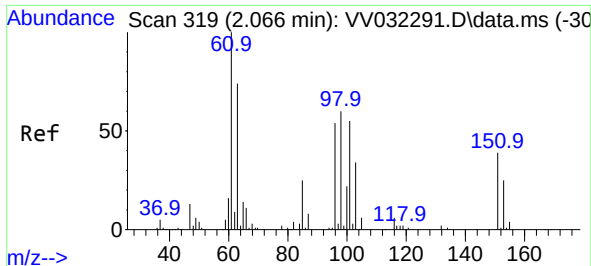
Tgt Ion: 64 Resp: 34037
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.743 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion:101 Resp: 70294
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

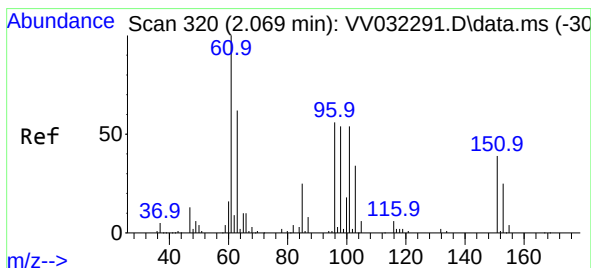
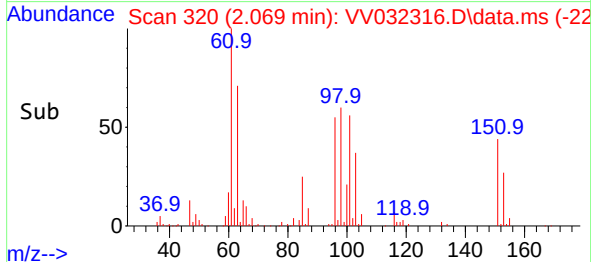
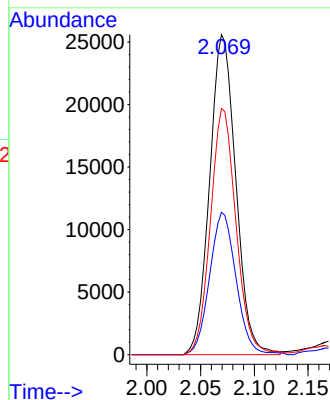
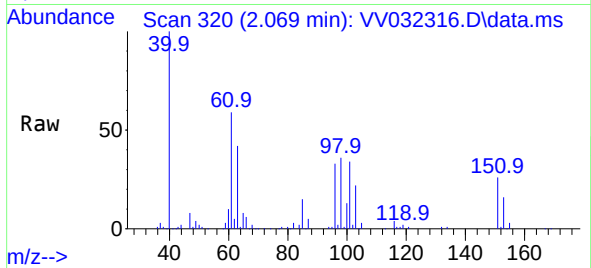




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.839 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

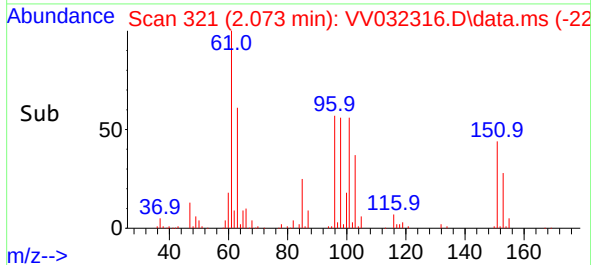
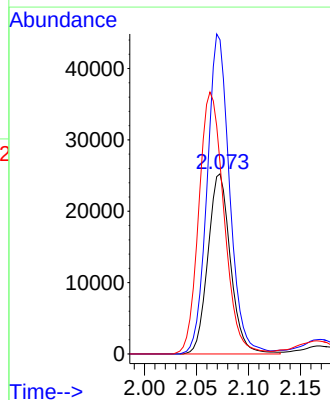
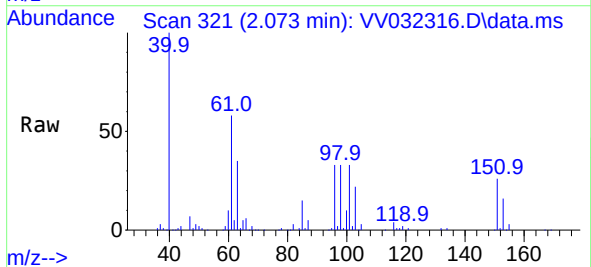
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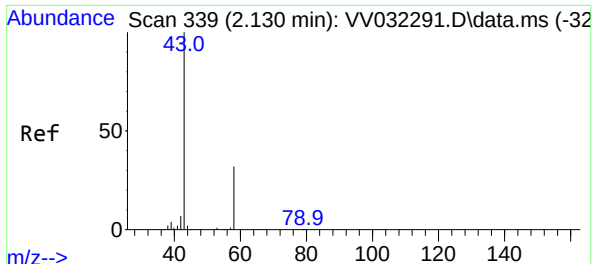
Tgt Ion:101 Resp: 43307
Ion Ratio Lower Upper
101 100
85 44.9 35.0 52.6
151 75.3 56.6 84.8



#12
1,1-Dichloroethene
Concen: 5.447 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 96 Resp: 38054
Ion Ratio Lower Upper
96 100
61 174.3 127.3 236.3
63 105.8 98.3 182.7

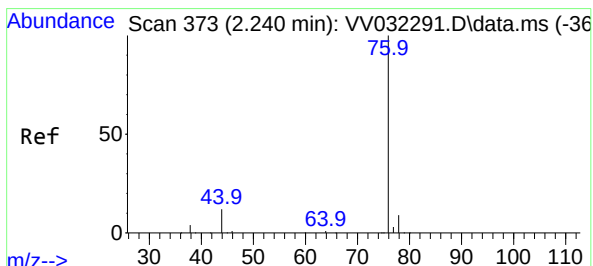
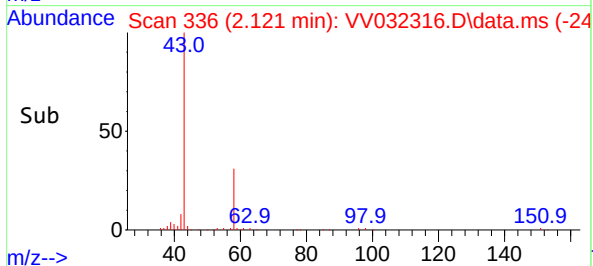
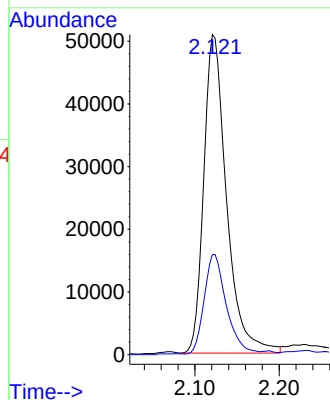
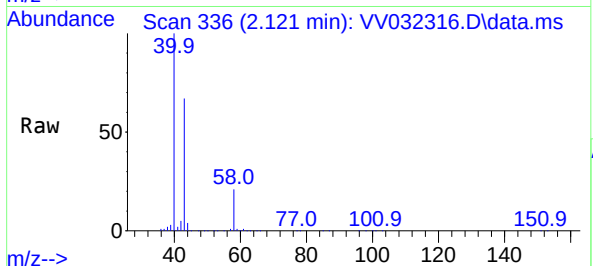




#13
Acetone
Concen: 63.379 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

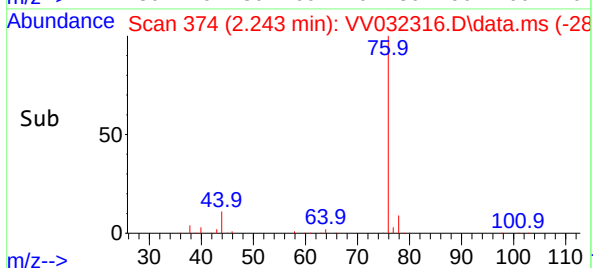
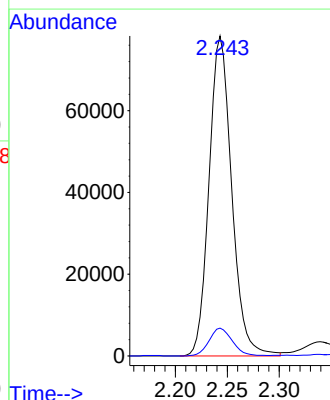
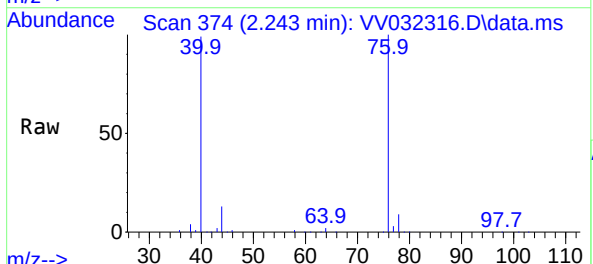
Instrument :
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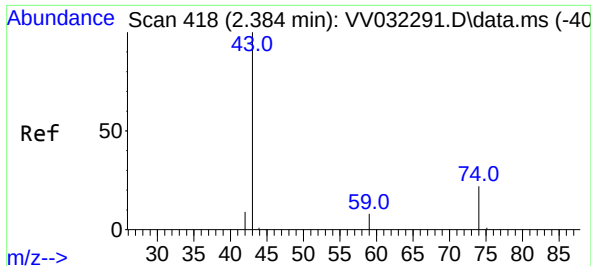
Tgt Ion: 43 Resp: 95740
Ion Ratio Lower Upper
43 100
58 30.3 0.0 66.0



#14
Carbon disulfide
Concen: 4.867 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 76 Resp: 118875
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2





#15

Methyl Acetate

Concen: 5.782 ug/L

RT: 2.381 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

Instrument :

MSVOA_V

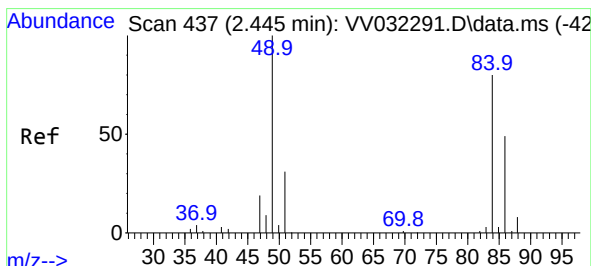
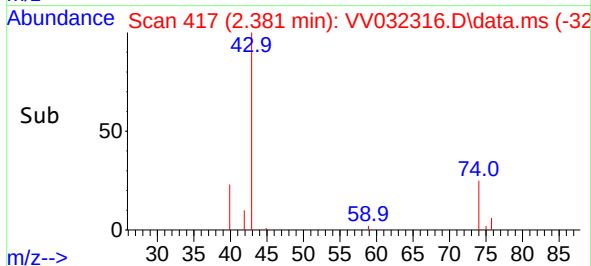
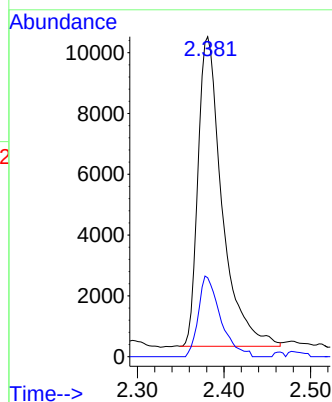
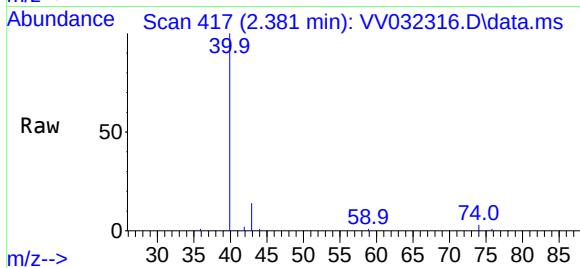
ClientSampleId :

Tgt Ion: 43 Resp: 19662

Ion Ratio Lower Upper

43 100

74 23.8 18.0 27.0



#16

Methylene chloride

Concen: 4.849 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

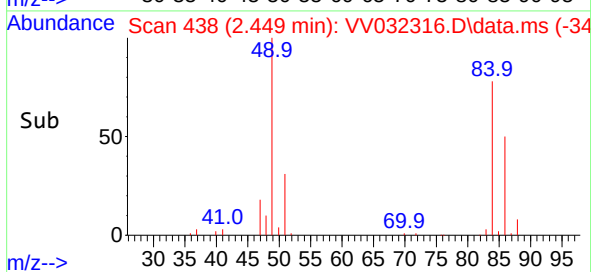
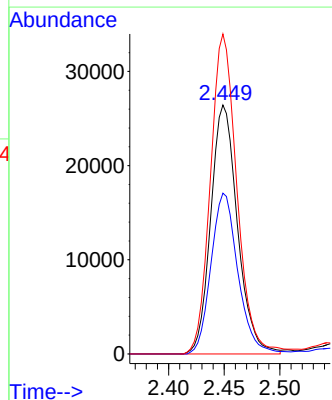
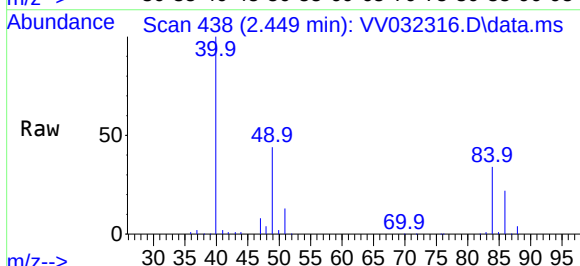
Tgt Ion: 84 Resp: 44166

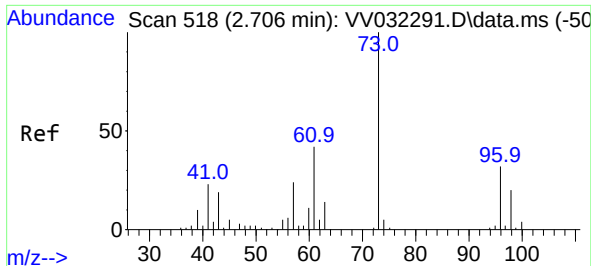
Ion Ratio Lower Upper

84 100

86 64.6 43.2 80.2

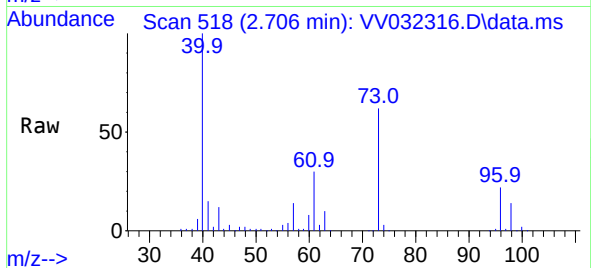
49 128.6 86.3 160.3



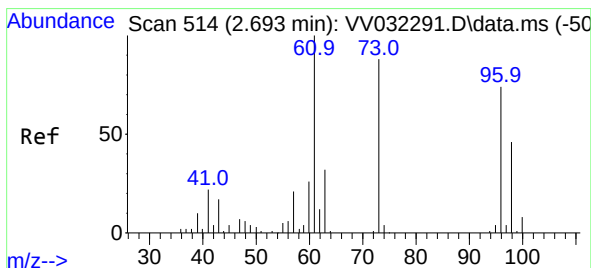
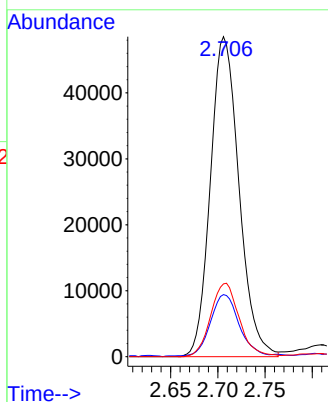
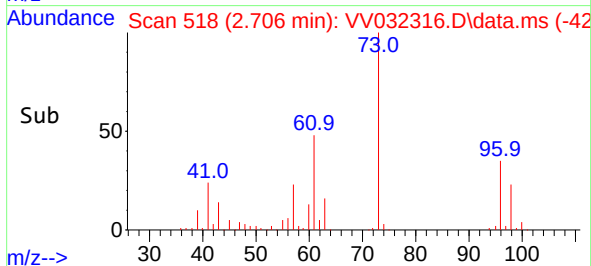


#17
Methyl tert-butyl Ether
Concen: 5.369 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

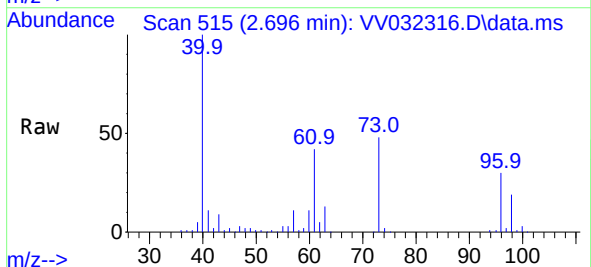
Instrument :
MSVOA_V
ClientSampleId :



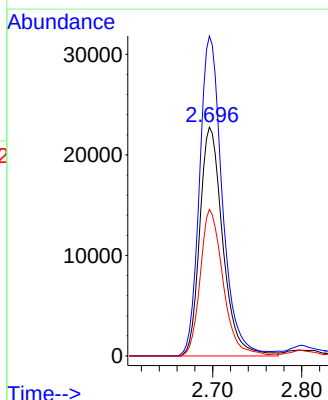
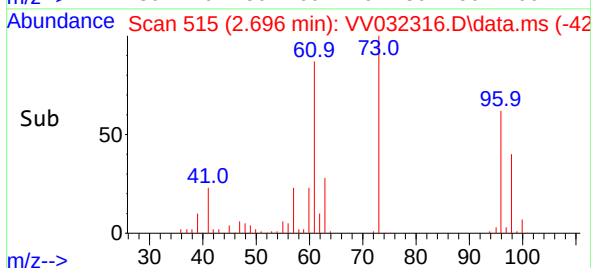
Tgt Ion: 73 Resp: 102129
Ion Ratio Lower Upper
73 100
43 19.8 15.1 22.7
57 22.9 18.3 27.5

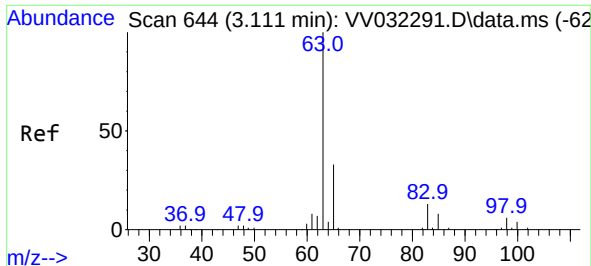


#18
trans-1,2-Dichloroethene
Concen: 5.098 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23



Tgt Ion: 96 Resp: 40795
Ion Ratio Lower Upper
96 100
61 139.9 96.9 180.1
98 64.1 45.3 84.1

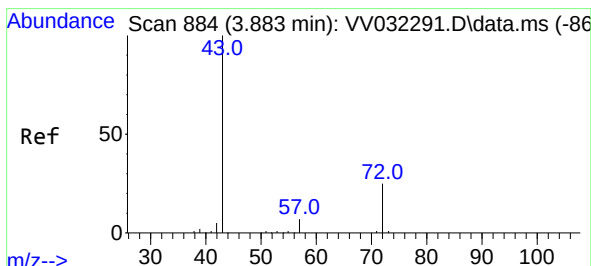
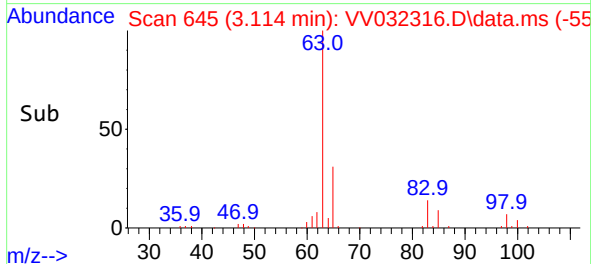
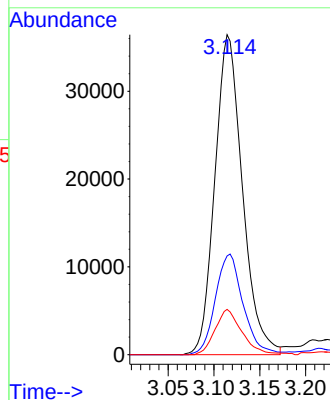
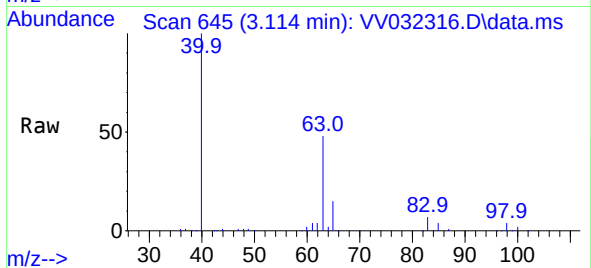




#19
1,1-Dichloroethane
Concen: 5.069 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

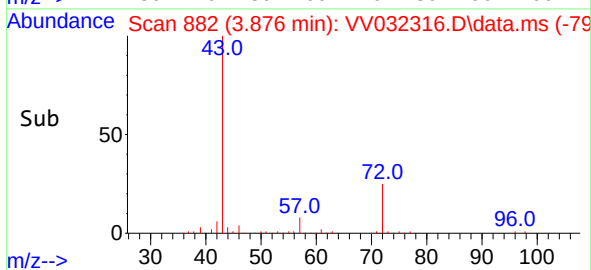
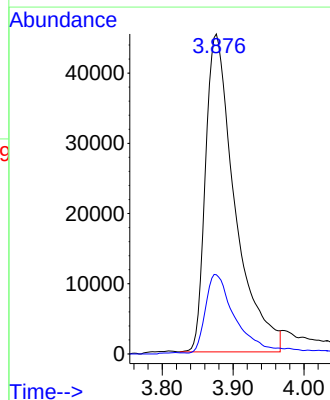
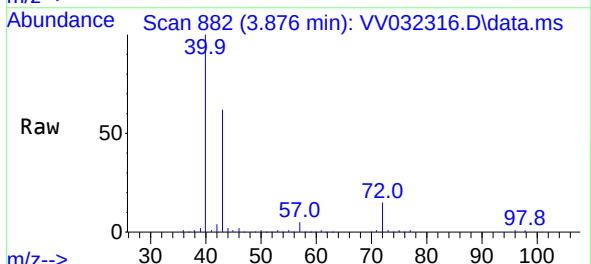
Instrument :
MSVOA_V
ClientSampleId :

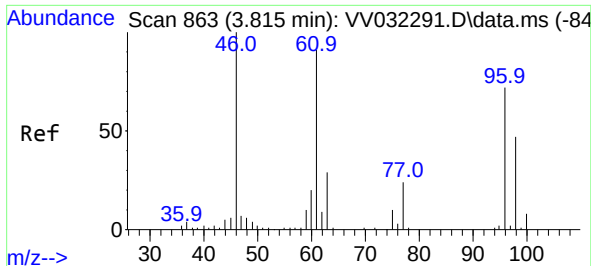
Tgt Ion: 63 Resp: 76314
Ion Ratio Lower Upper
63 100
65 30.8 22.3 41.5
83 14.2 9.0 16.6



#21
2-Butanone
Concen: 55.222 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.006 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

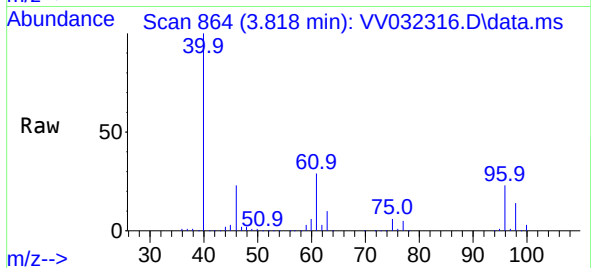
Tgt Ion: 43 Resp: 130449
Ion Ratio Lower Upper
43 100
72 24.8 11.6 34.8





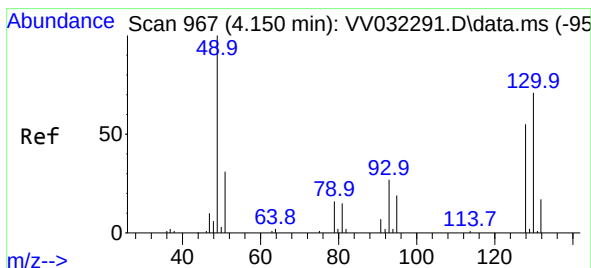
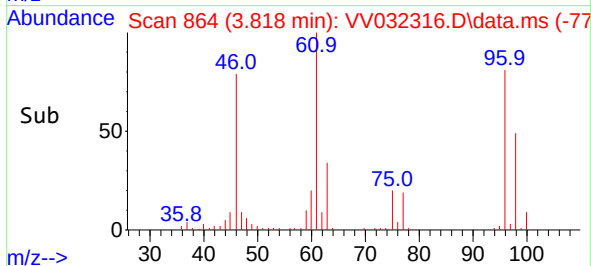
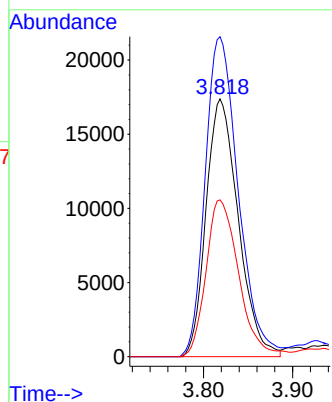
#22
cis-1,2-Dichloroethene
Concen: 5.069 ug/L
RT: 3.818 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 43682

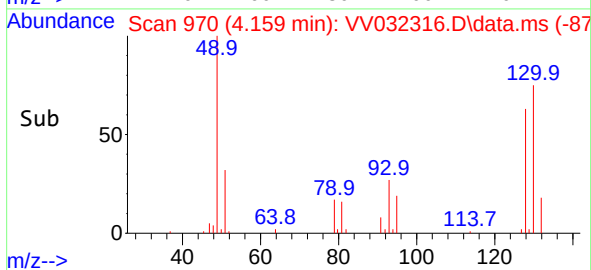
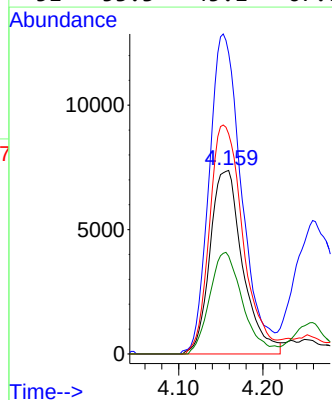
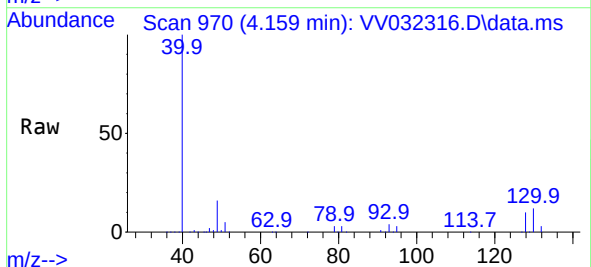
Ion	Ratio	Lower	Upper
96	100		
61	124.1	85.8	159.4
98	60.8	44.0	81.6

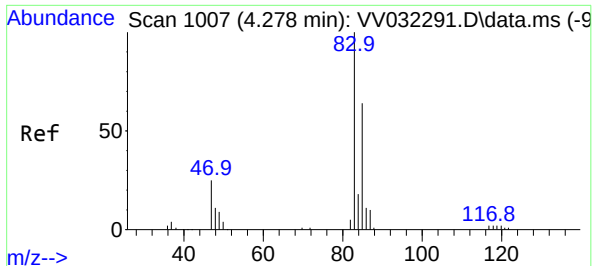


#23
Bromochloromethane
Concen: 5.486 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.010 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 128 Resp: 19887

Ion	Ratio	Lower	Upper
128	100		
49	163.9	121.2	225.0
130	119.9	88.2	163.8
51	53.3	45.1	67.7





#25

Chloroform

Concen: 5.299 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

Instrument :

MSVOA_V

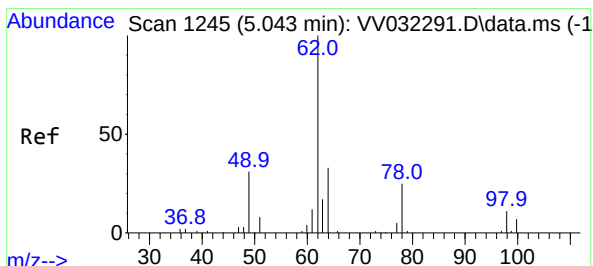
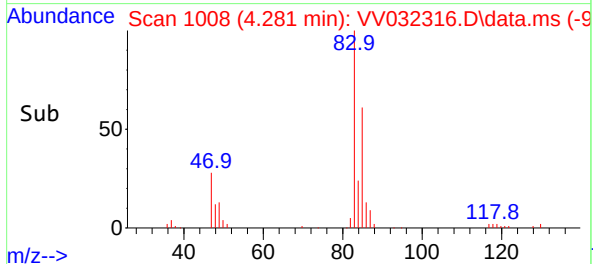
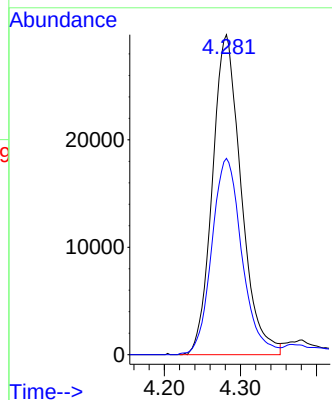
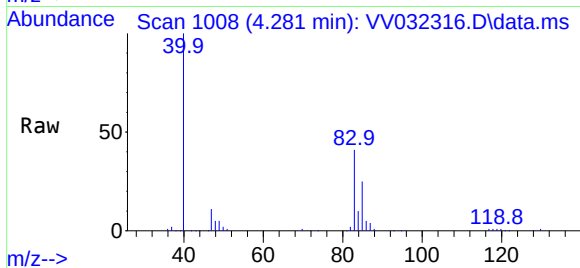
ClientSampleId :

Tgt Ion: 83 Resp: 78274

Ion Ratio Lower Upper

83 100

85 61.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.846 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032316.D

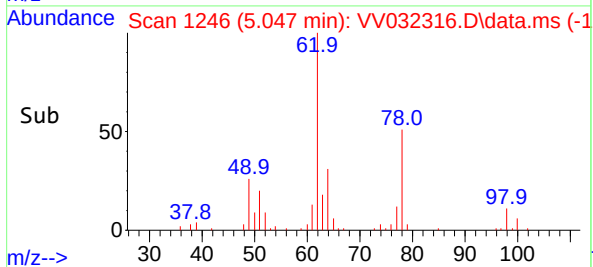
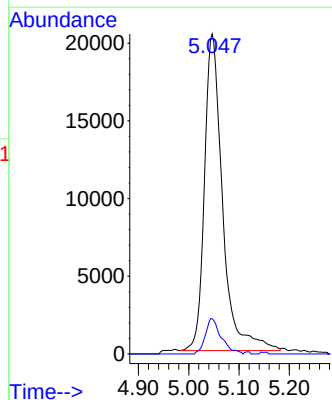
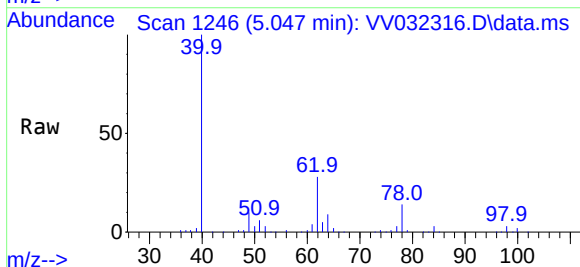
Acq: 09 Oct 2023 09:23

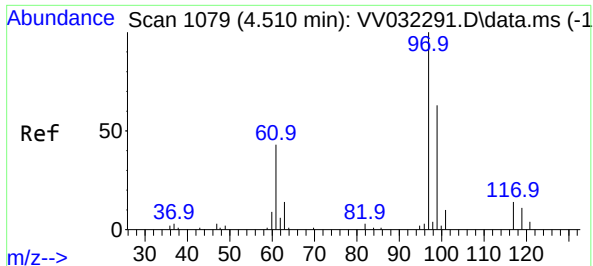
Tgt Ion: 62 Resp: 51011

Ion Ratio Lower Upper

62 100

98 11.0 7.8 11.8

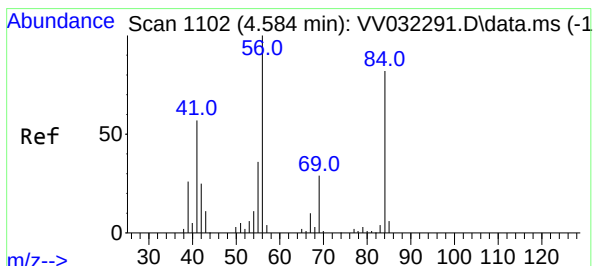
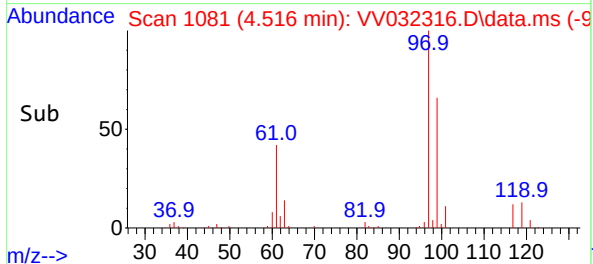
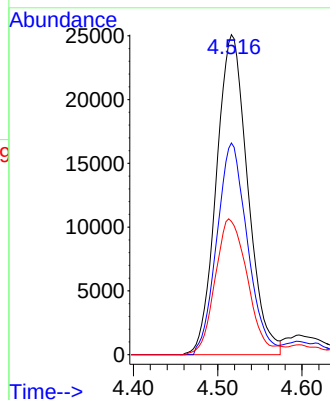
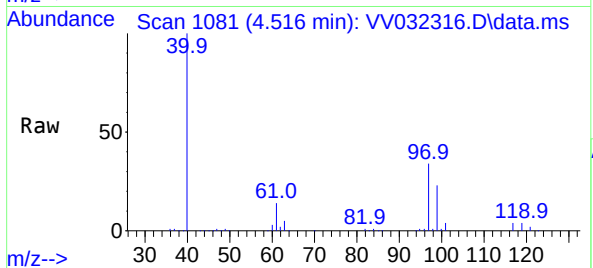




#29
1,1,1-Trichloroethane
Concen: 4.736 ug/L
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

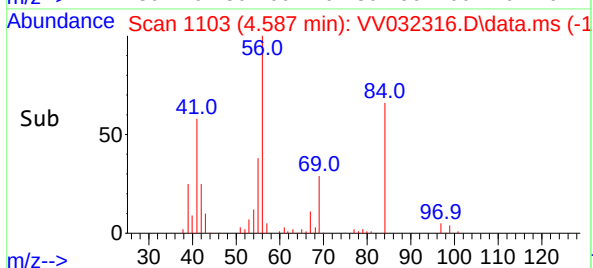
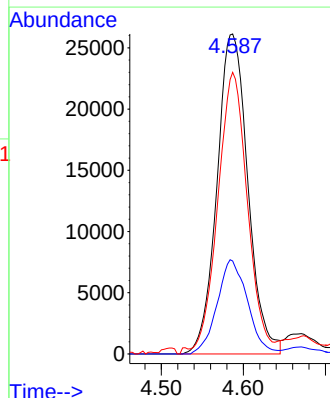
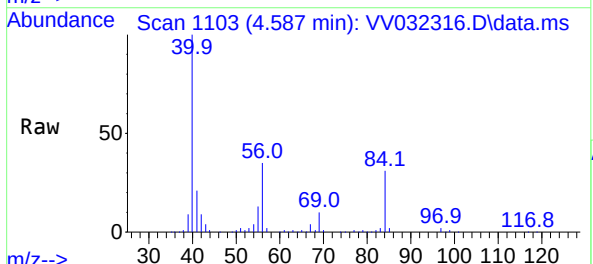
Instrument :
MSVOA_V
ClientSampleId :

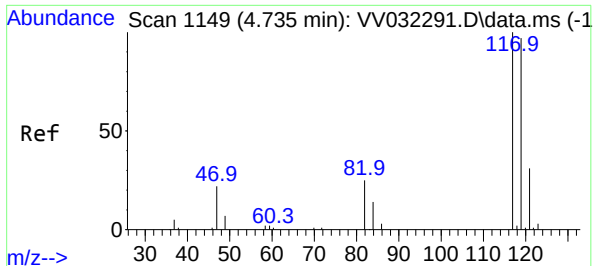
Tgt Ion: 97 Resp: 64758
Ion Ratio Lower Upper
97 100
99 64.5 50.1 75.1
61 44.4 35.1 52.7



#30
Cyclohexane
Concen: 4.558 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 56 Resp: 68490
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.2
84 81.5 68.1 102.1

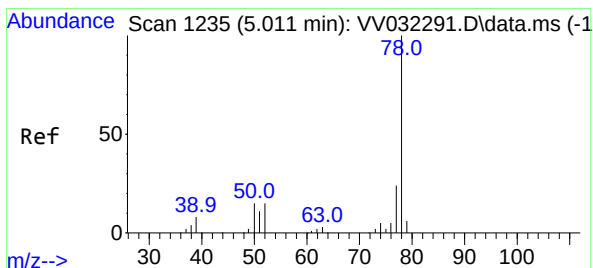
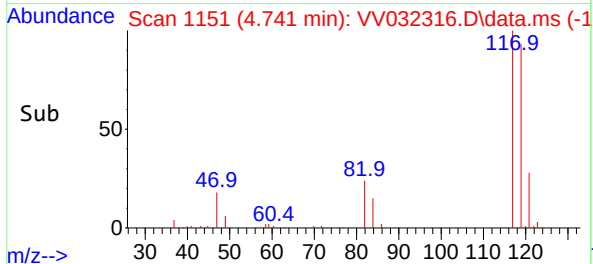
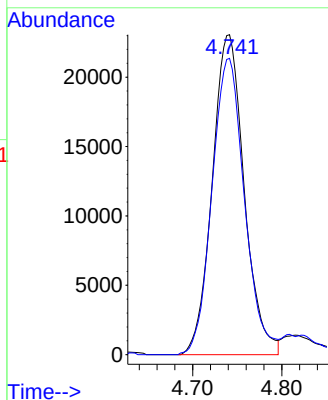
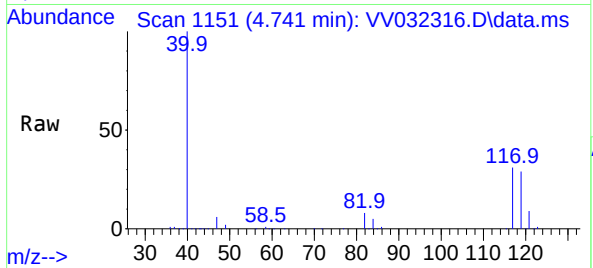




#31
Carbon tetrachloride
Concen: 4.968 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

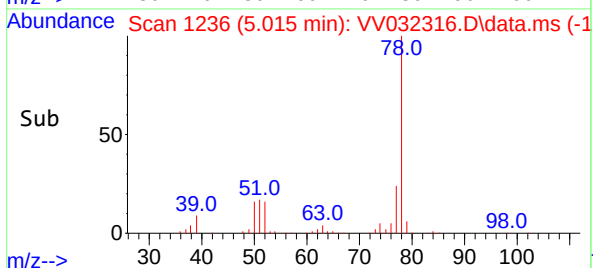
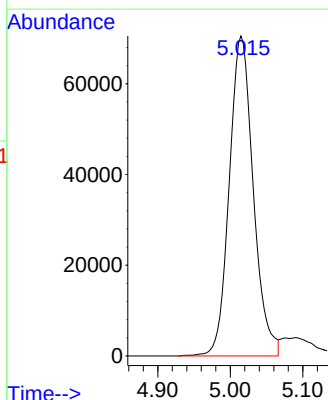
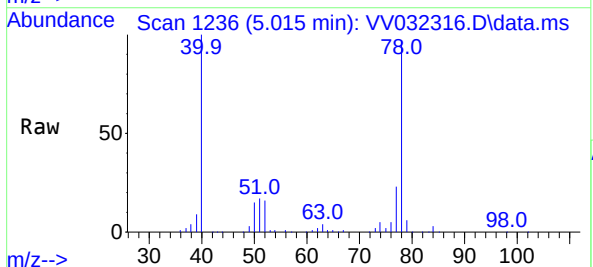
Instrument :
MSVOA_V
ClientSampleId :

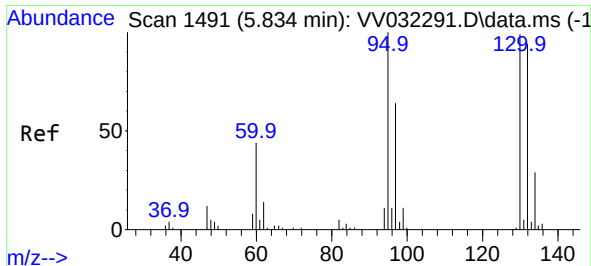
Tgt Ion:117 Resp: 57484
Ion Ratio Lower Upper
117 100
119 94.2 77.6 116.4



#33
Benzene
Concen: 4.585 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 78 Resp: 162349

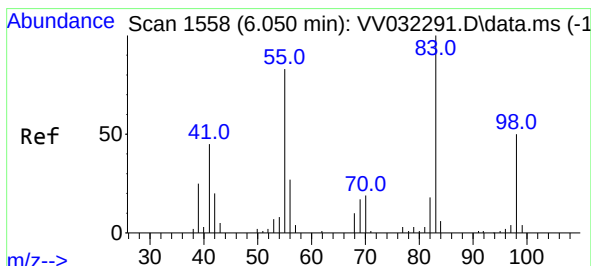
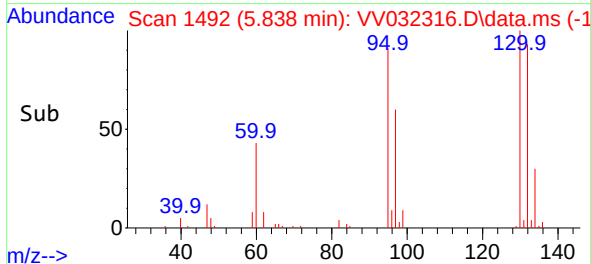
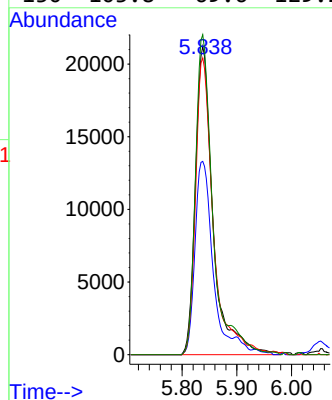
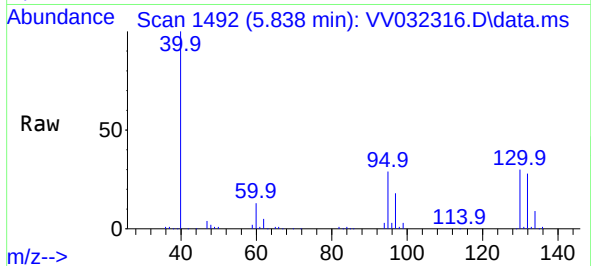




#34
Trichloroethene
Concen: 4.961 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

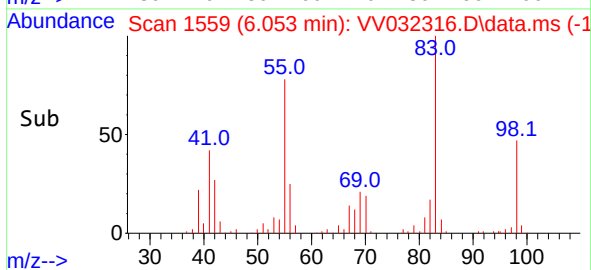
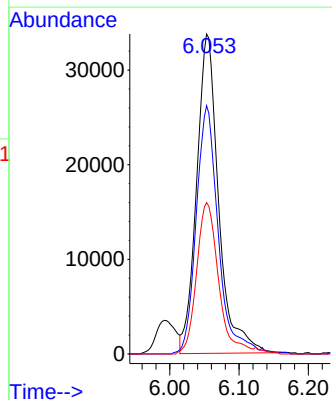
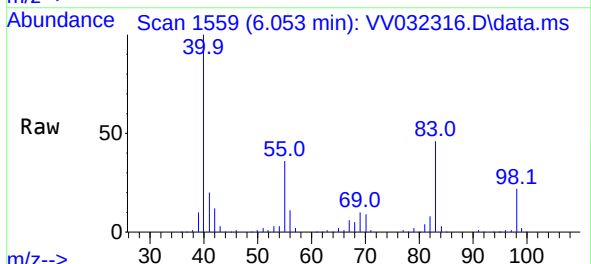
Instrument :
MSVOA_V
ClientSampleId :

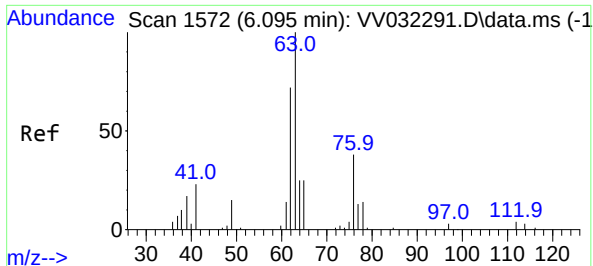
Tgt Ion: 95 Resp: 47951
Ion Ratio Lower Upper
95 100
97 62.7 45.7 84.9
132 96.3 70.3 130.5
130 103.8 69.6 129.2



#35
Methylcyclohexane
Concen: 4.991 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 83 Resp: 74661
Ion Ratio Lower Upper
83 100
55 77.7 64.2 96.2
98 47.2 39.6 59.4

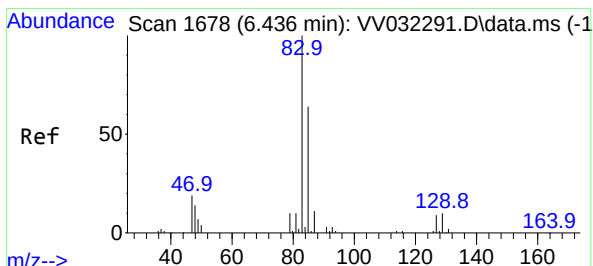
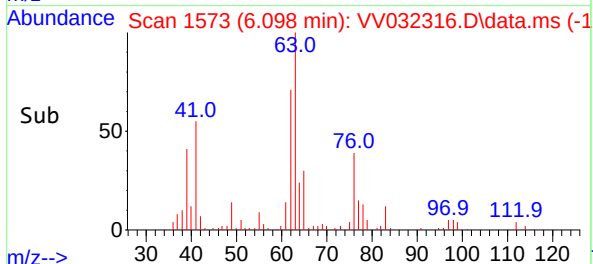
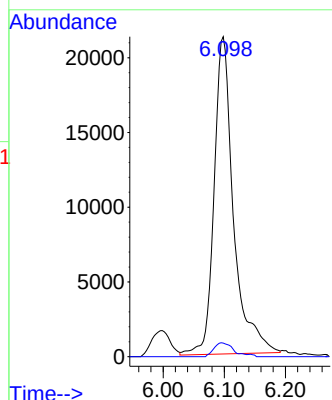
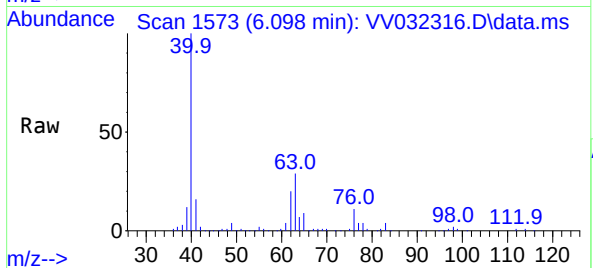




#37
1,2-Dichloropropane
Concen: 4.943 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

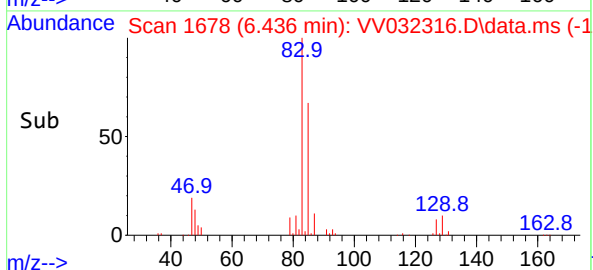
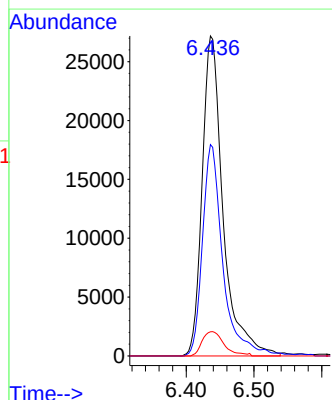
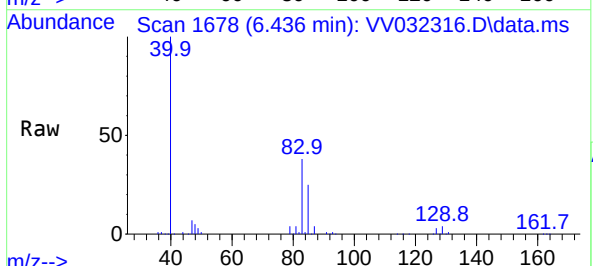
Instrument :
MSVOA_V
ClientSampleId :

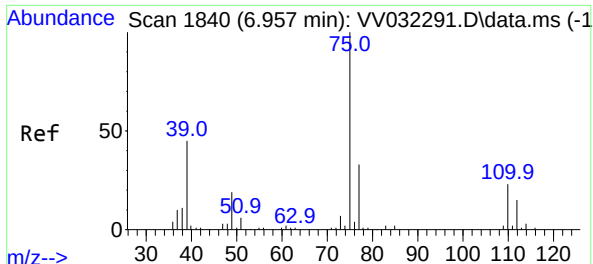
Tgt Ion: 63 Resp: 46810
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.2



#38
Bromodichloromethane
Concen: 5.176 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 83 Resp: 58242
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.3
127 7.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.898 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

Instrument :

MSVOA_V

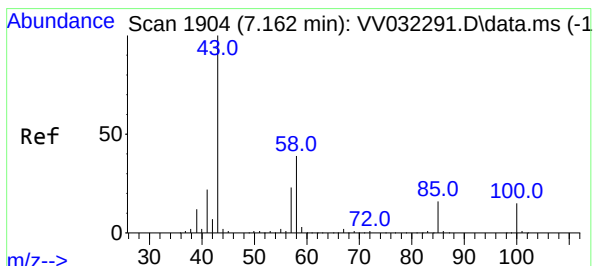
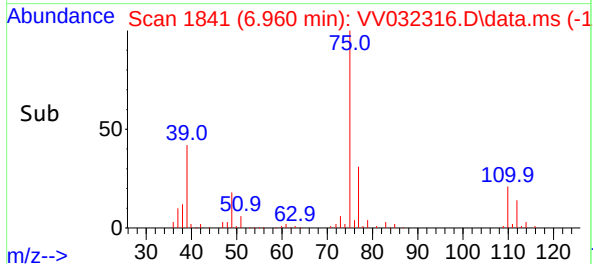
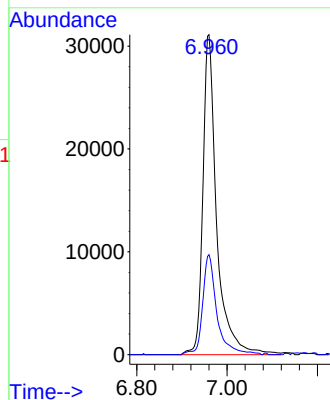
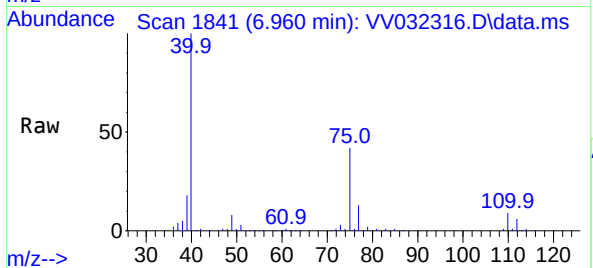
ClientSampleId :

Tgt Ion: 75 Resp: 66010

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 55.090 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

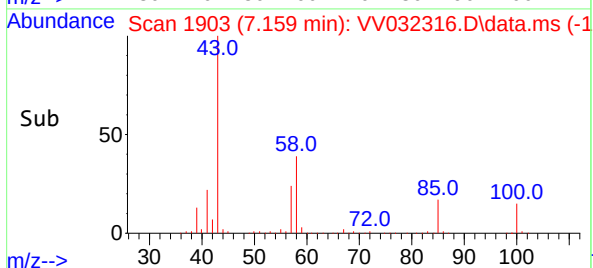
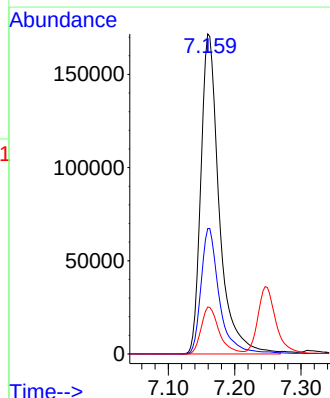
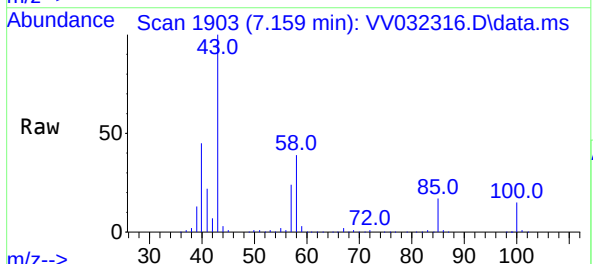
Tgt Ion: 43 Resp: 330139

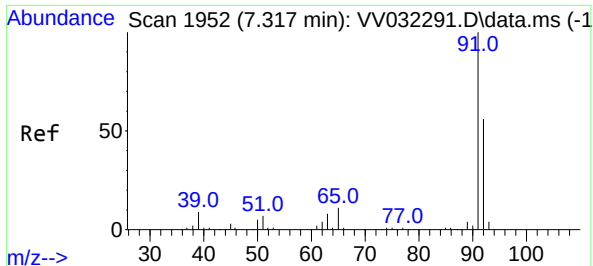
Ion Ratio Lower Upper

43 100

58 39.4 31.9 47.9

100 14.4 11.3 16.9





#42

Toluene

Concen: 4.917 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

Instrument :

MSVOA_V

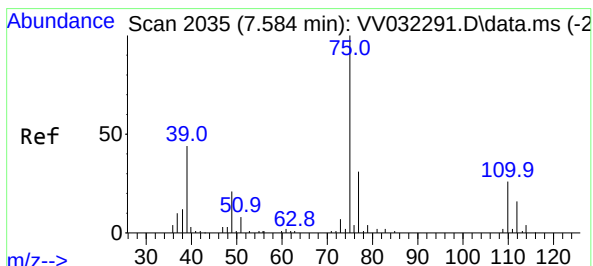
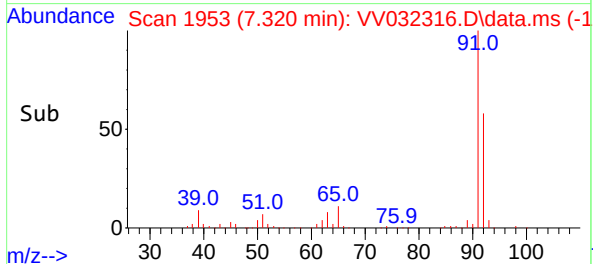
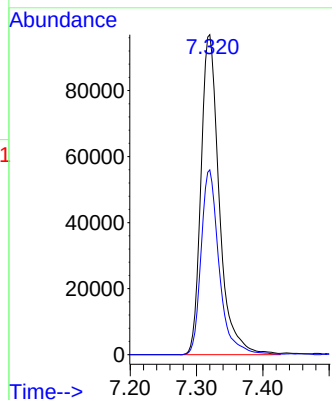
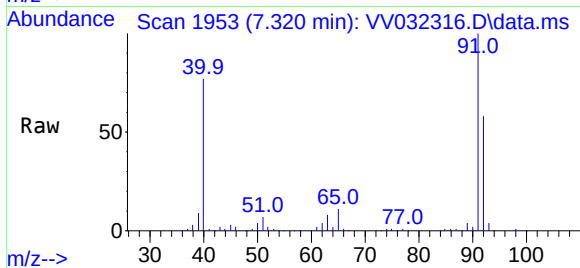
ClientSampleId :

Tgt Ion: 91 Resp: 185601

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.946 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032316.D

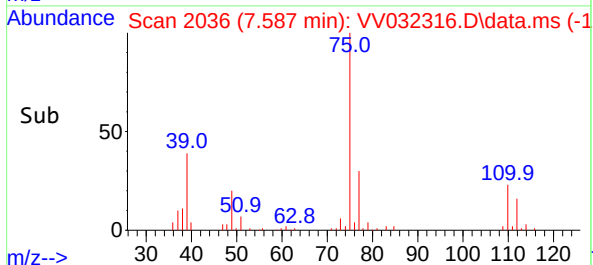
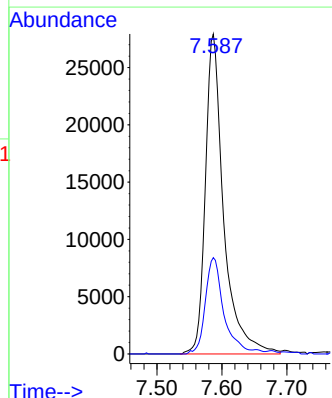
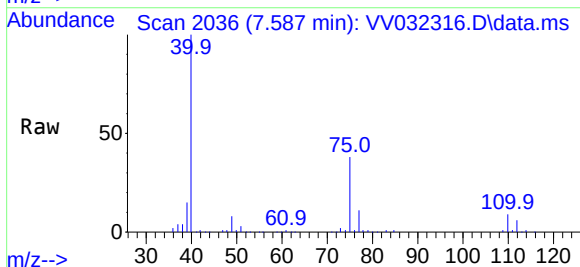
Acq: 09 Oct 2023 09:23

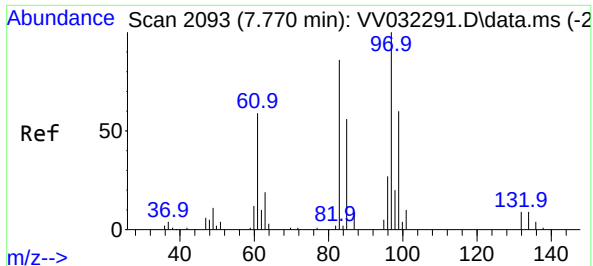
Tgt Ion: 75 Resp: 54779

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.7



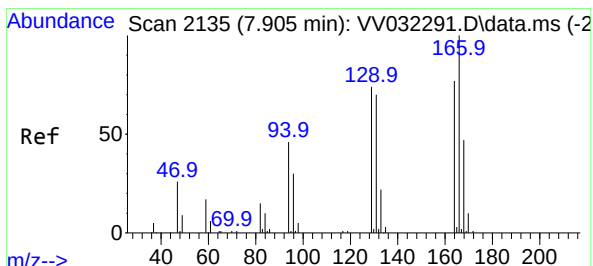
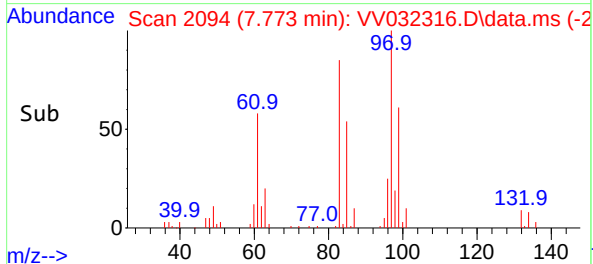
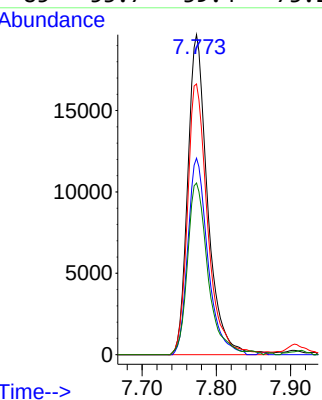
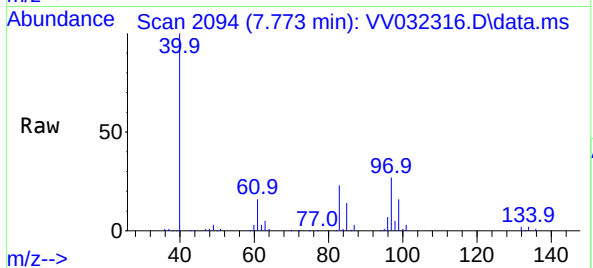


#45
1,1,2-Trichloroethane
Concen: 5.477 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 36586

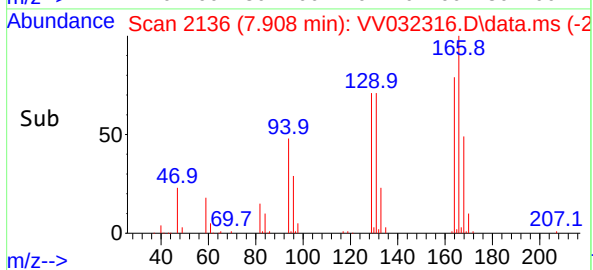
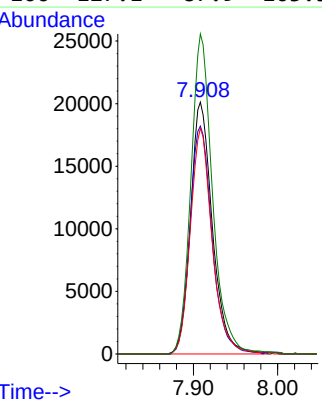
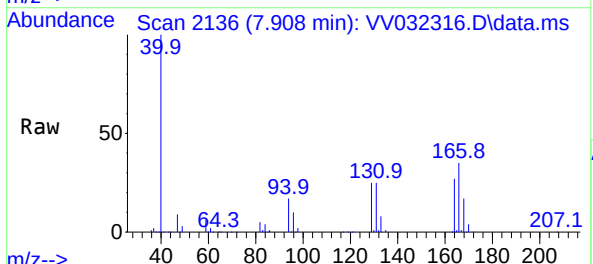
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.8	79.4
83	84.6	60.9	113.1
85	53.7	39.4	73.2

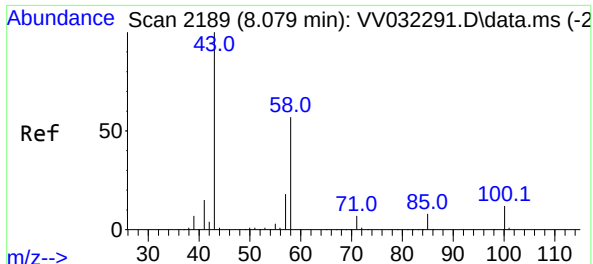


#47
Tetrachloroethene
Concen: 4.979 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 164 Resp: 36499

Ion	Ratio	Lower	Upper
164	100		
129	90.5	66.4	123.4
131	89.7	63.7	118.3
166	127.1	87.9	163.3



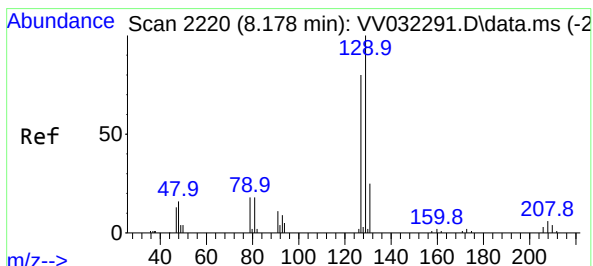
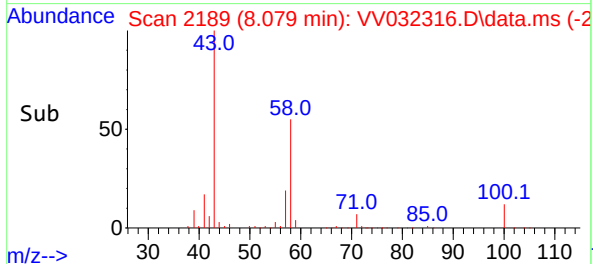
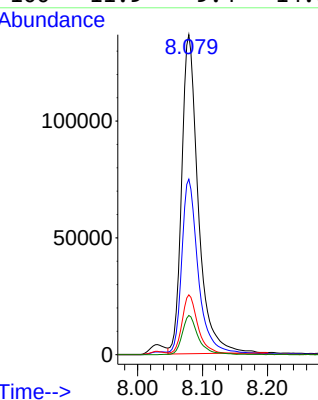
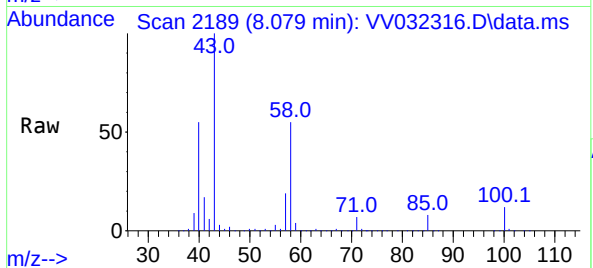


#48
2-Hexanone
Concen: 57.416 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 242763

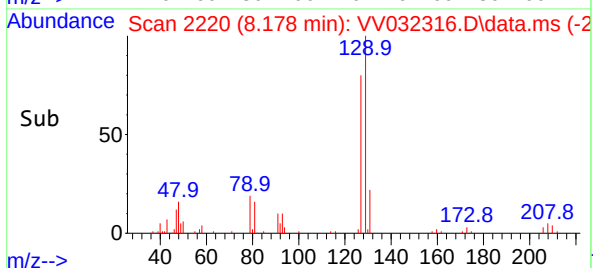
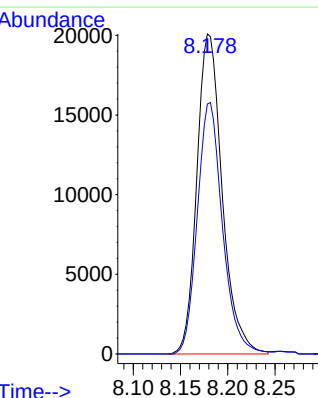
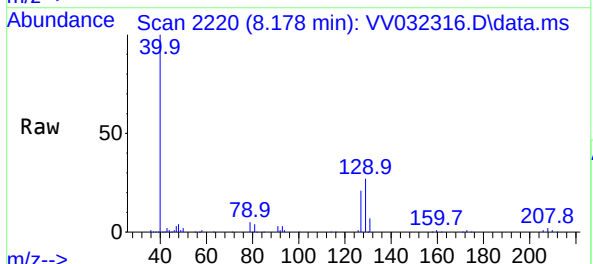
Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.6	65.4
57	18.0	14.6	22.0
100	11.9	9.4	14.0

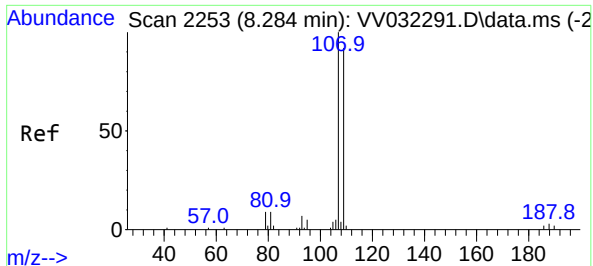


#49
Dibromochloromethane
Concen: 5.389 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 129 Resp: 37482

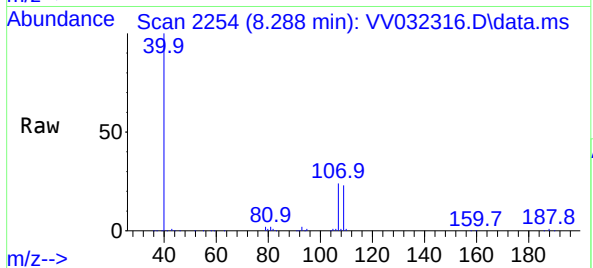
Ion	Ratio	Lower	Upper
129	100		
127	78.1	57.2	106.2



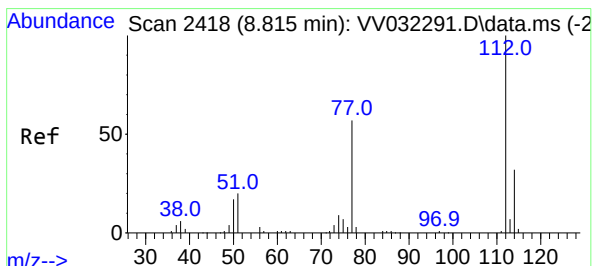
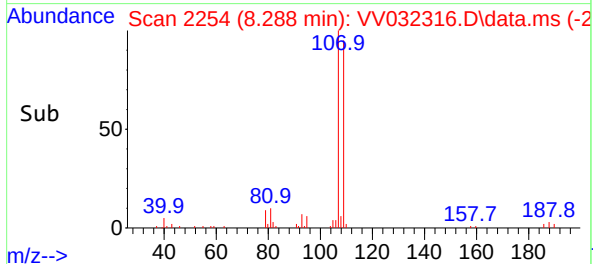
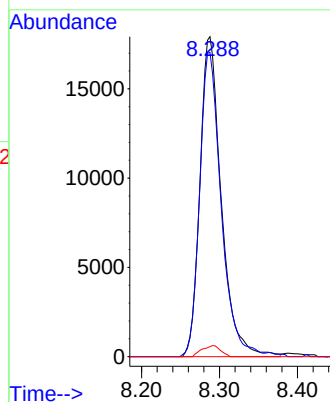


#50
1,2-Dibromoethane
Concen: 5.393 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :

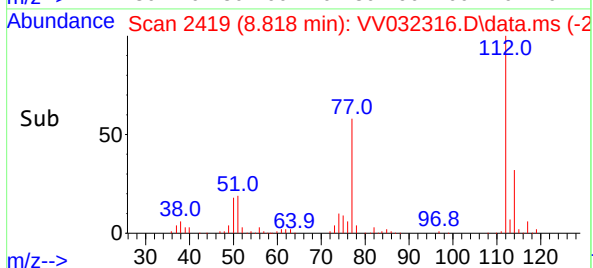
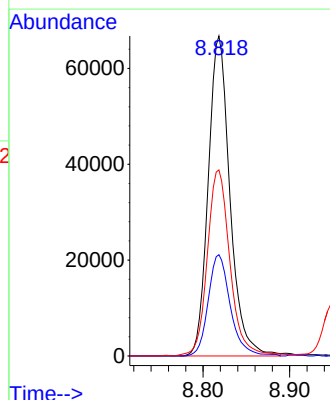
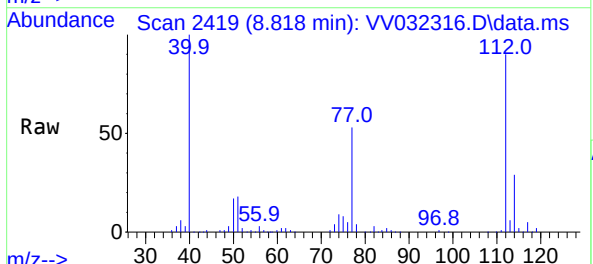


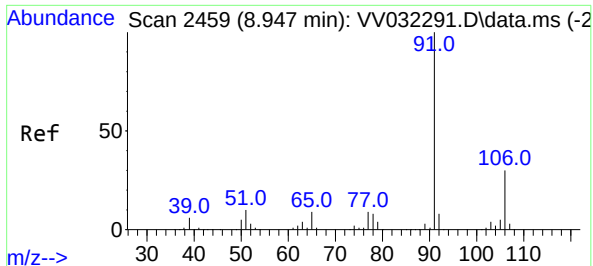
Tgt Ion:107 Resp: 34077
Ion Ratio Lower Upper
107 100
109 95.0 68.4 127.0
188 3.1 3.2 4.8#



#51
Chlorobenzene
Concen: 4.791 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion:112 Resp: 116442
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.2 46.1 69.1

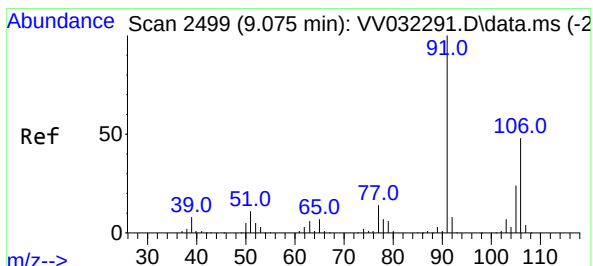
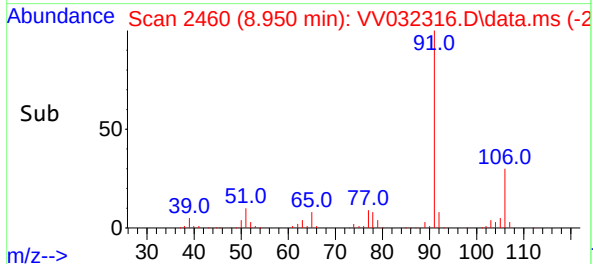
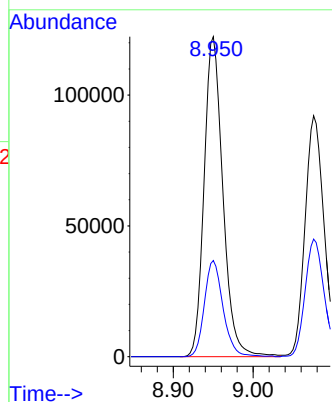
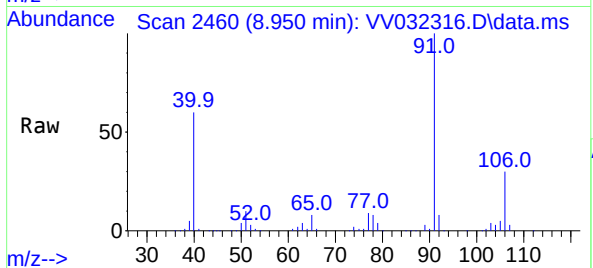




#52
Ethylbenzene
Concen: 4.760 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

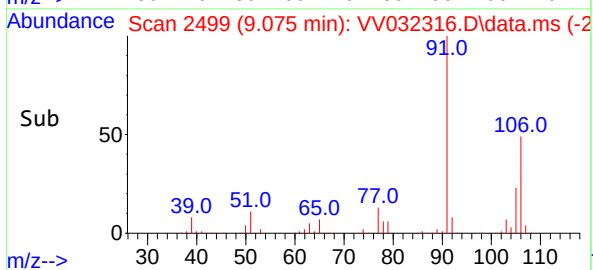
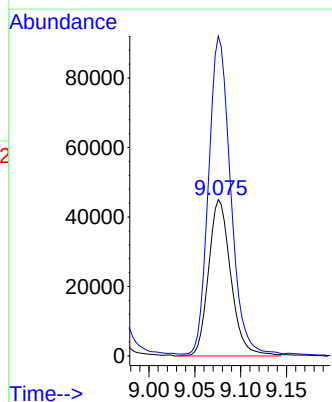
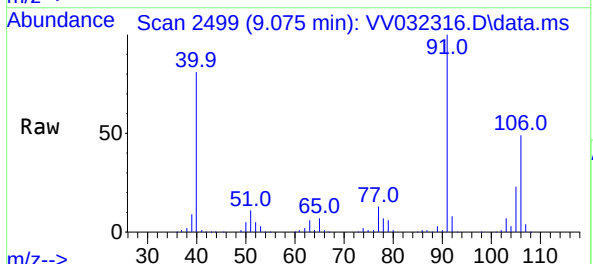
Instrument :
MSVOA_V
ClientSampleId :

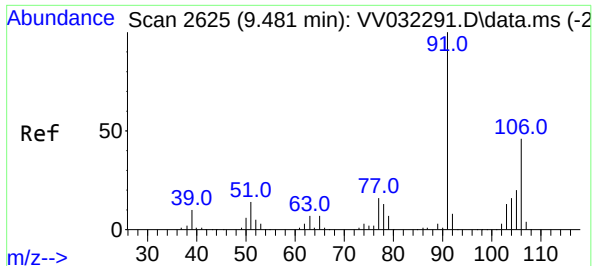
Tgt Ion: 91 Resp: 200070
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.873 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 106 Resp: 75959
Ion Ratio Lower Upper
106 100
91 204.8 144.5 268.3

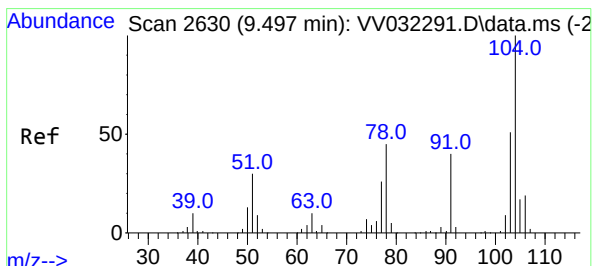
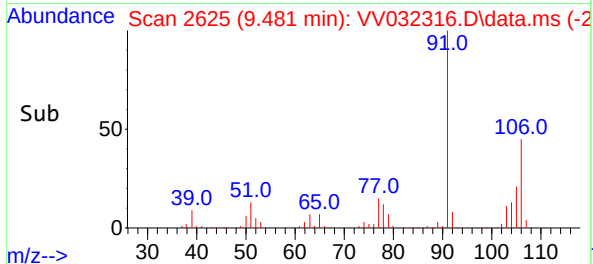
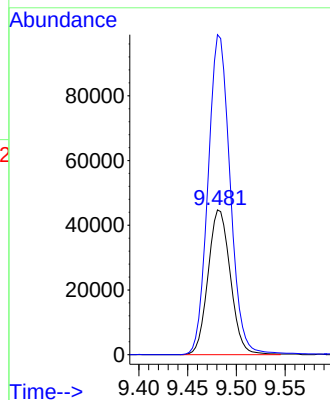
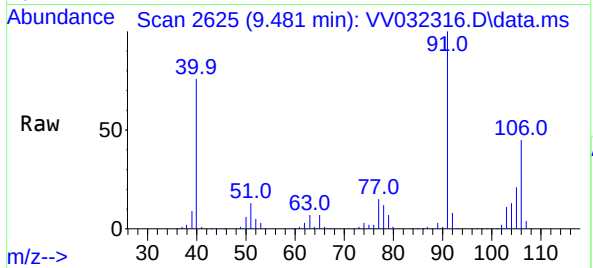




#54
o-Xylene
Concen: 4.751 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

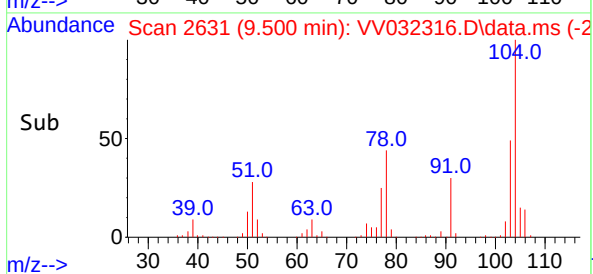
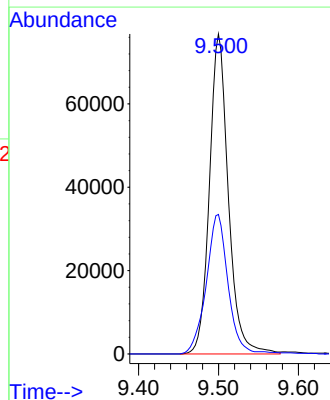
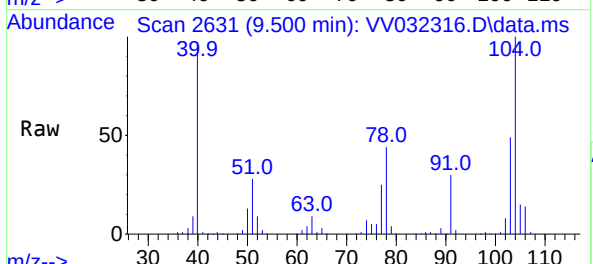
Instrument :
MSVOA_V
ClientSampleId :

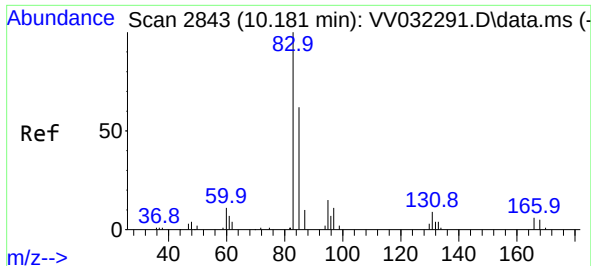
Tgt Ion:106 Resp: 71370
Ion Ratio Lower Upper
106 100
91 220.9 154.8 287.4



#55
Styrene
Concen: 4.984 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

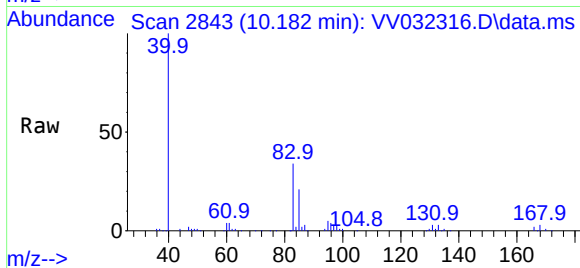
Tgt Ion:104 Resp: 126428
Ion Ratio Lower Upper
104 100
78 43.6 29.9 55.5



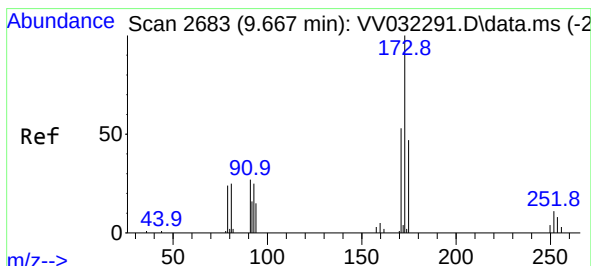
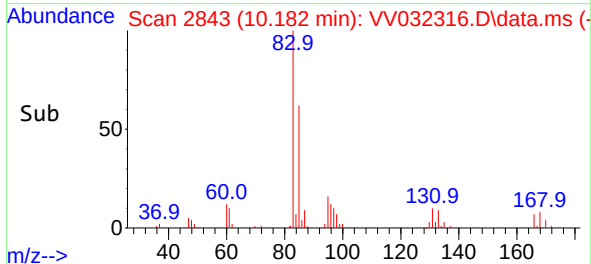
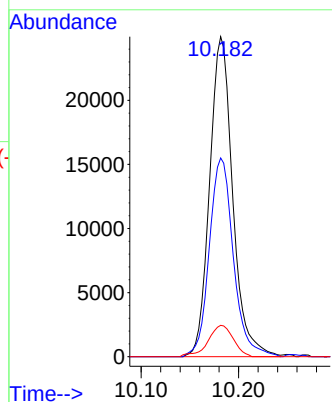


#57
1,1,2,2-Tetrachloroethane
Concen: 5.590 ug/L
RT: 10.182 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :

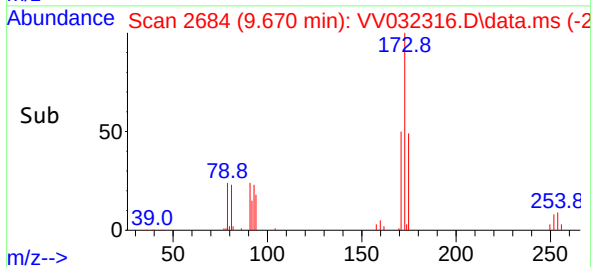
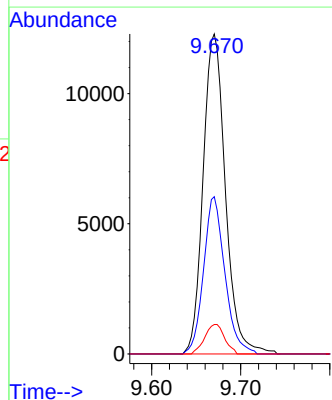
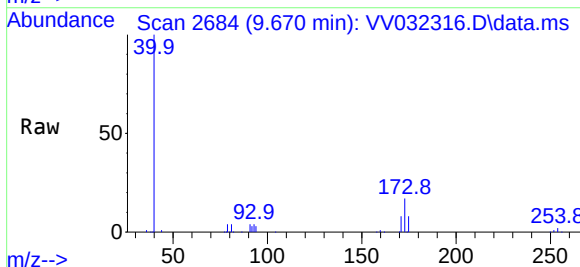


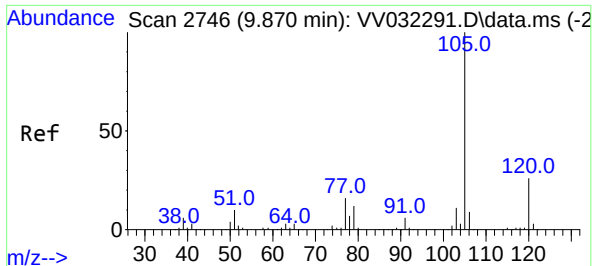
Tgt Ion: 83 Resp: 41087
Ion Ratio Lower Upper
83 100
85 62.1 43.6 81.0
131 9.8 7.0 10.6



#59
Bromoform
Concen: 5.546 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 173 Resp: 21381
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.2
254 8.2 7.0 10.4

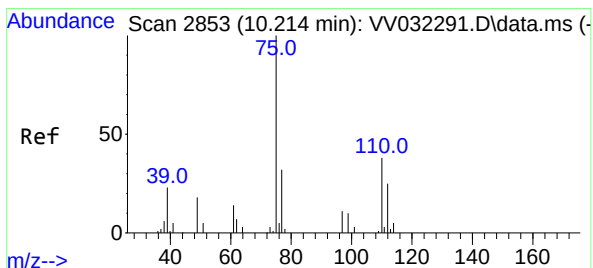
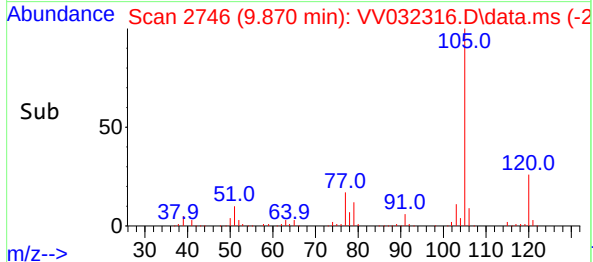
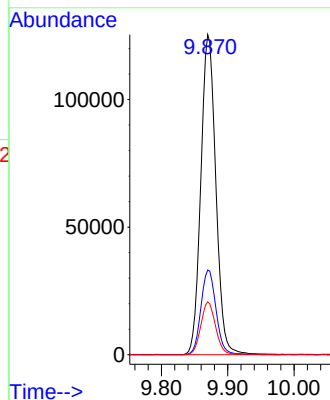
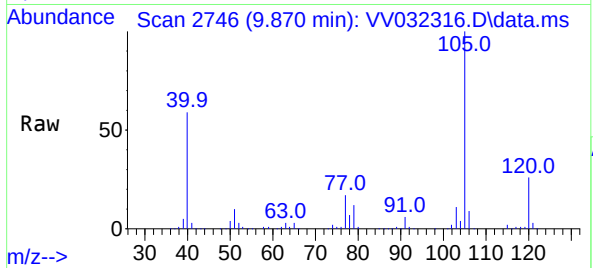




#60
Isopropylbenzene
Concen: 4.790 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

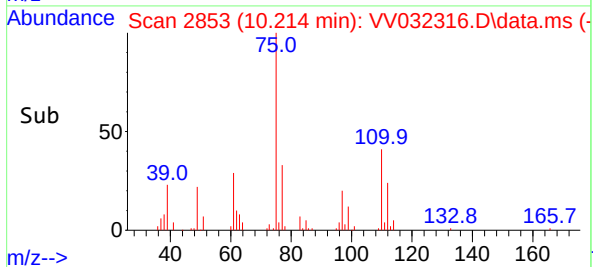
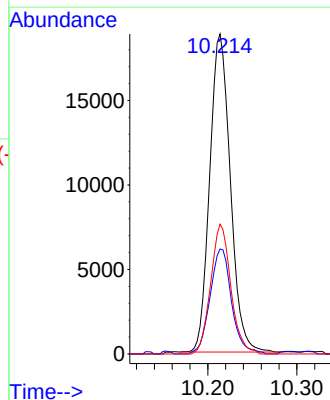
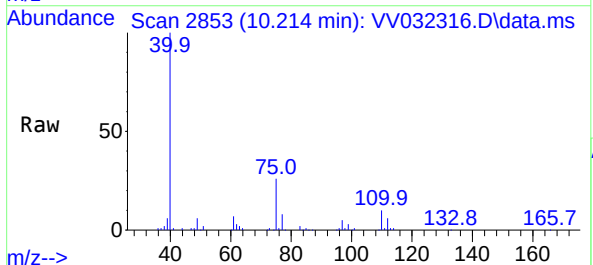
Instrument :
MSVOA_V
ClientSampleId :

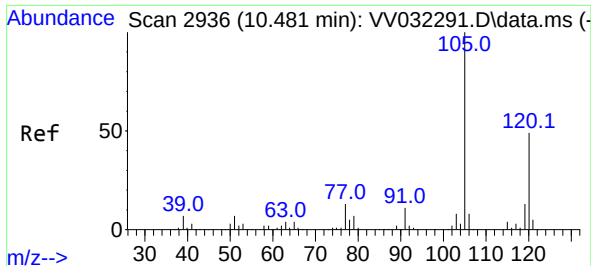
Tgt Ion:105 Resp: 197379
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 16.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.358 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion: 75 Resp: 30235
Ion Ratio Lower Upper
75 100
77 34.4 26.2 39.2
110 40.0 30.6 46.0

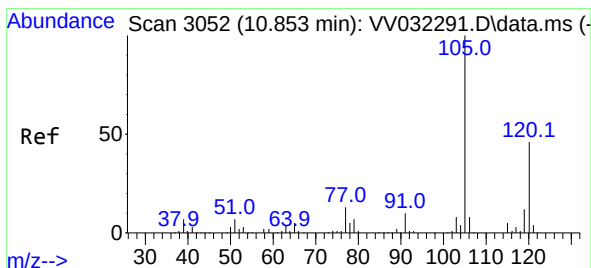
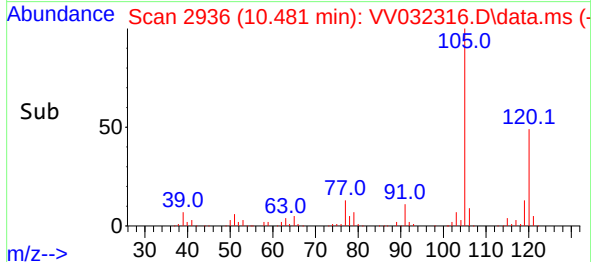
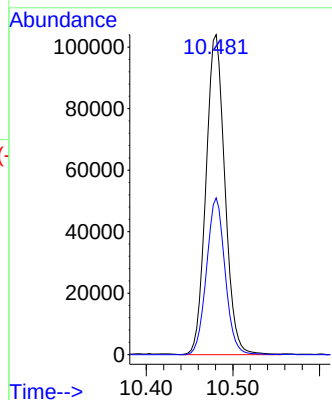
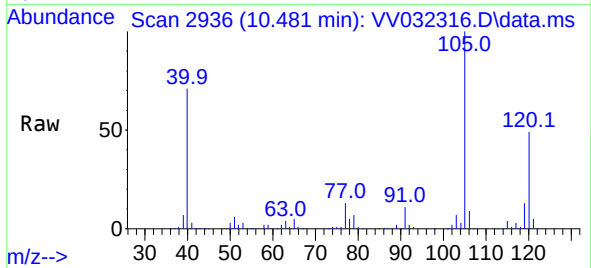




#62
1,3,5-Trimethylbenzene
Concen: 4.701 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

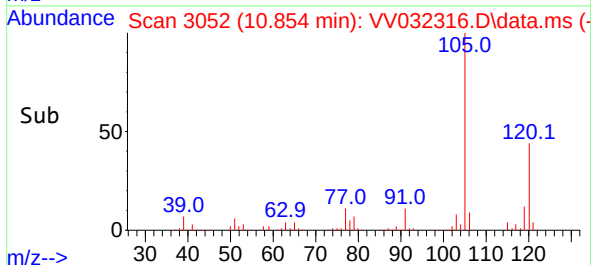
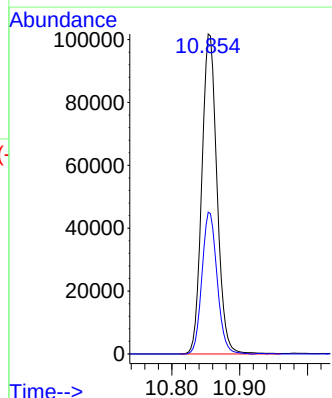
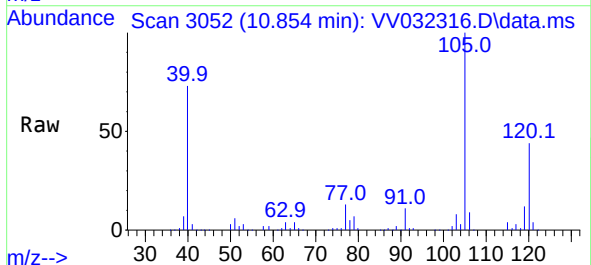
Instrument :
MSVOA_V
ClientSampleId :

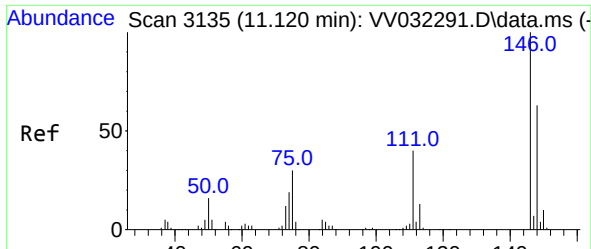
Tgt Ion:105 Resp: 157875
Ion Ratio Lower Upper
105 100
120 48.1 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 4.727 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

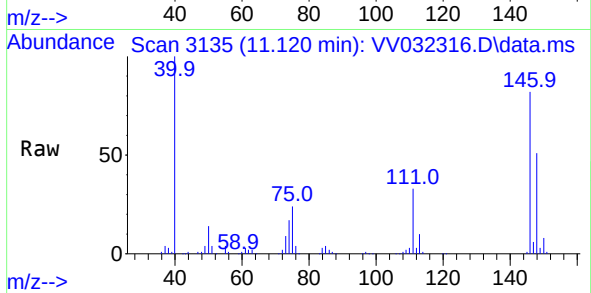
Tgt Ion:105 Resp: 158042
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.4



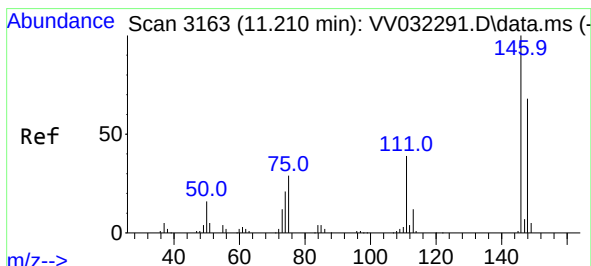
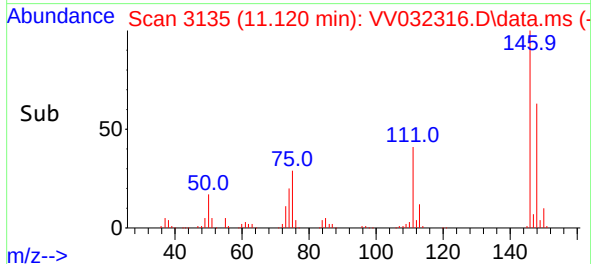
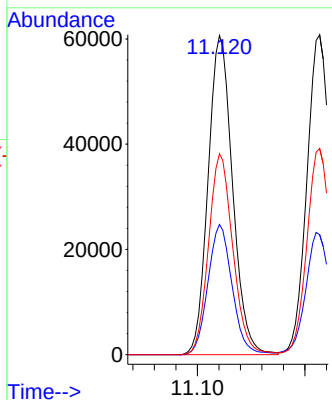


#64
1,3-Dichlorobenzene
Concen: 4.868 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :

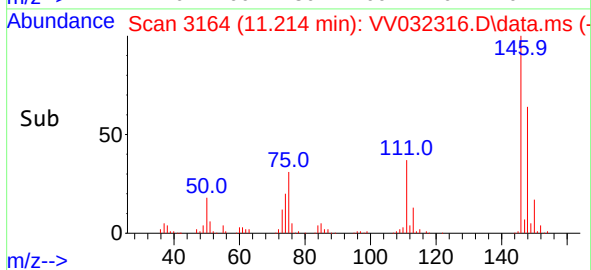
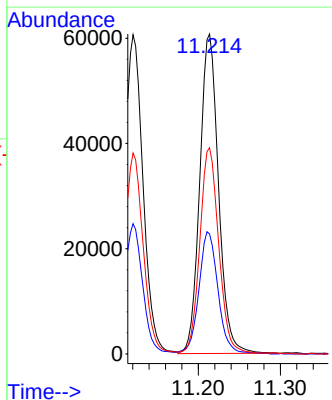
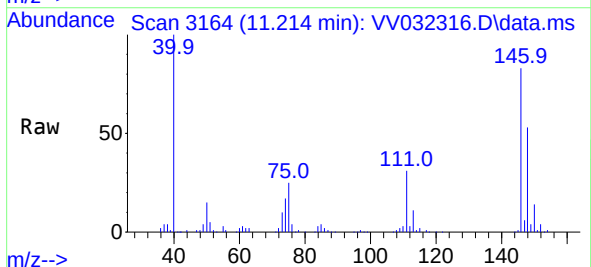


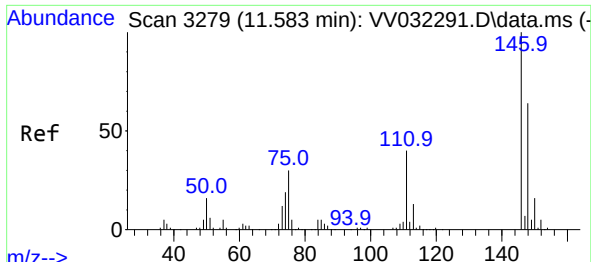
Tgt Ion:146 Resp: 95827
Ion Ratio Lower Upper
146 100
111 40.8 27.8 51.6
148 62.9 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.873 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion:146 Resp: 96233
Ion Ratio Lower Upper
146 100
111 37.5 26.9 49.9
148 64.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.888 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

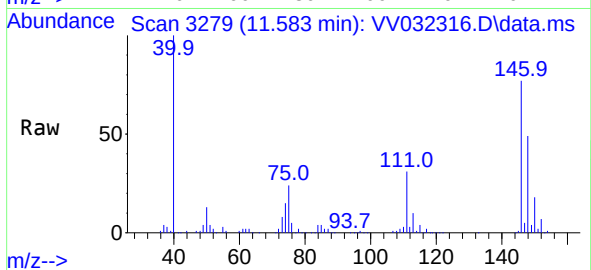
Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :



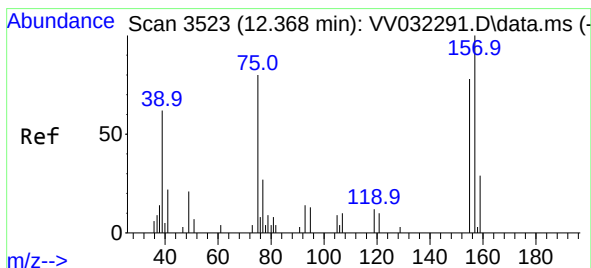
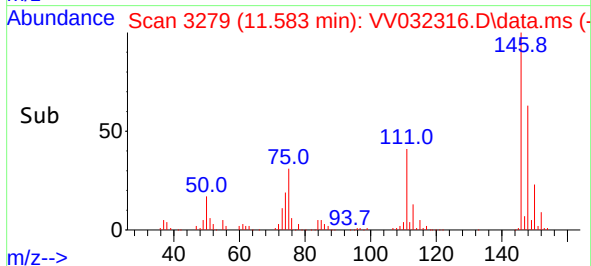
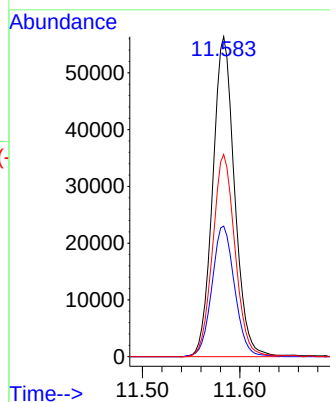
Tgt Ion:146 Resp: 87749

Ion Ratio Lower Upper

146 100

111 40.8 32.8 49.2

148 63.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.441 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.003 min

Lab File: VV032316.D

Acq: 09 Oct 2023 09:23

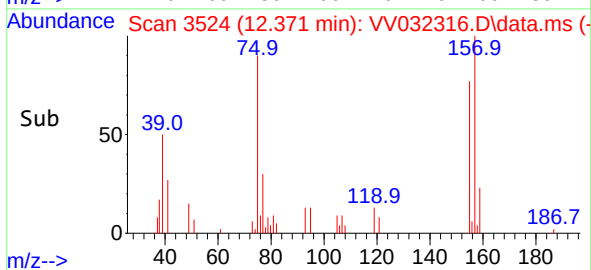
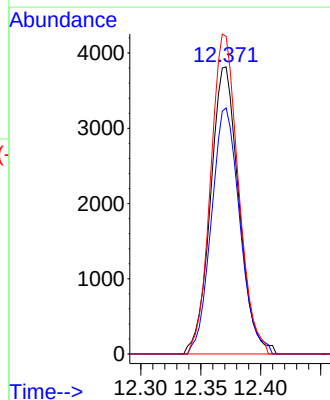
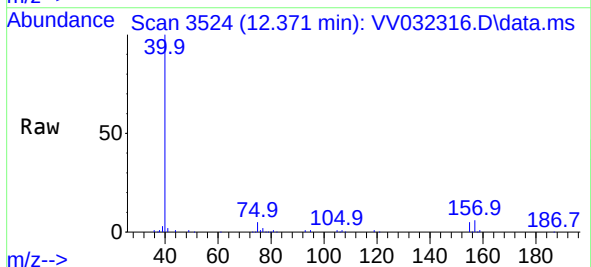
Tgt Ion: 75 Resp: 6273

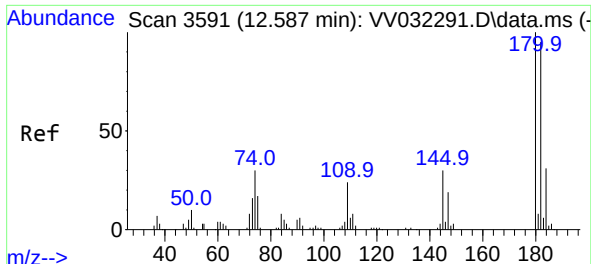
Ion Ratio Lower Upper

75 100

155 85.8 70.2 105.4

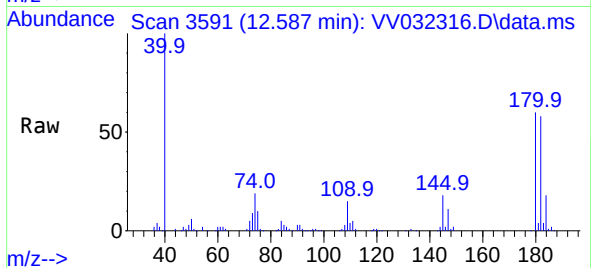
157 110.7 90.6 135.8



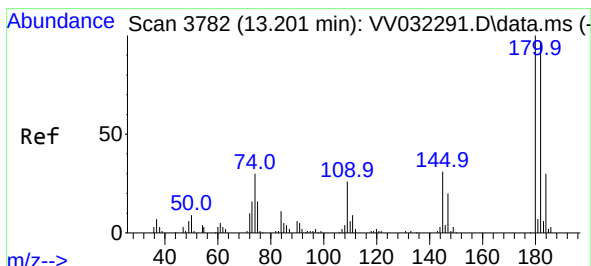
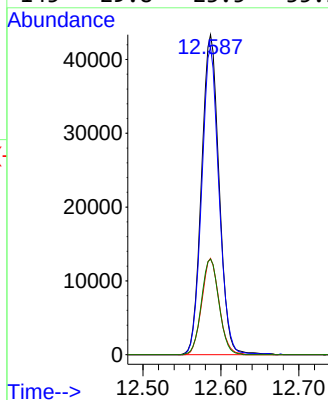
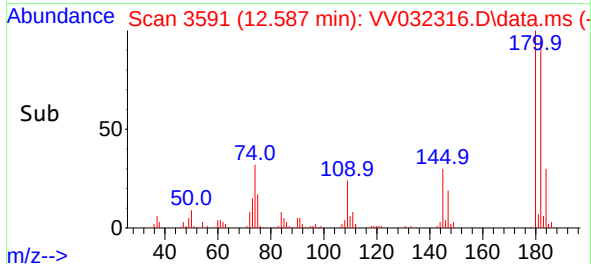


#69
1,3,5-Trichlorobenzene
Concen: 4.709 ug/L
RT: 12.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

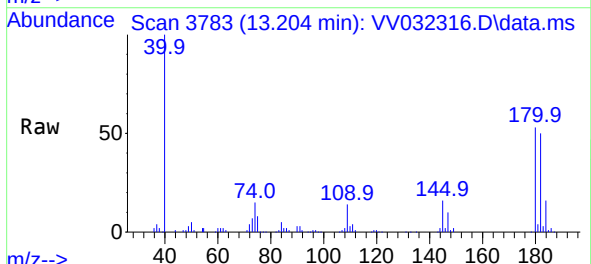
Instrument :
MSVOA_V
ClientSampleId :



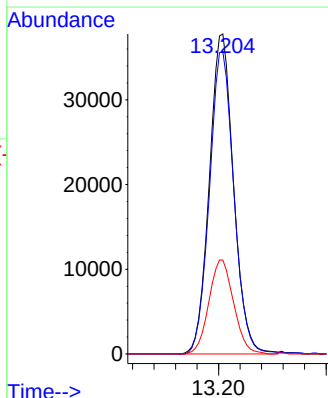
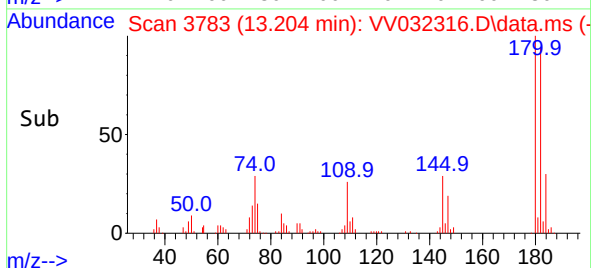
Tgt Ion:180 Resp: 67881
Ion Ratio Lower Upper
180 100
182 94.3 74.6 112.0
184 29.6 24.1 36.1
145 29.8 23.5 35.3

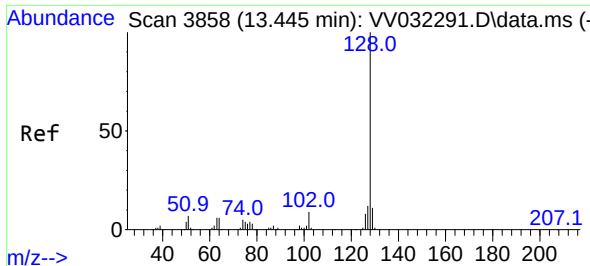


#70
1,2,4-trichlorobenzene
Concen: 4.607 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.003 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23



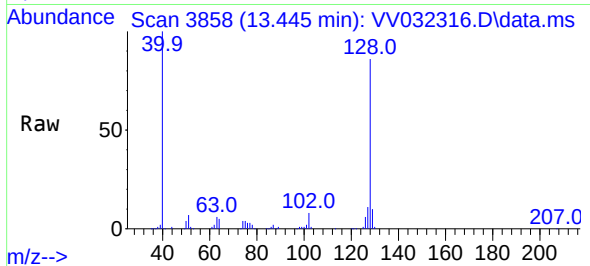
Tgt Ion:180 Resp: 58914
Ion Ratio Lower Upper
180 100
182 95.5 76.5 114.7
145 30.0 24.3 36.5



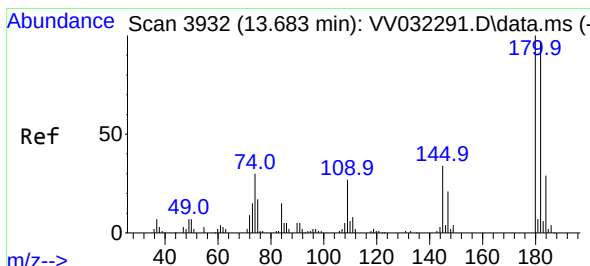
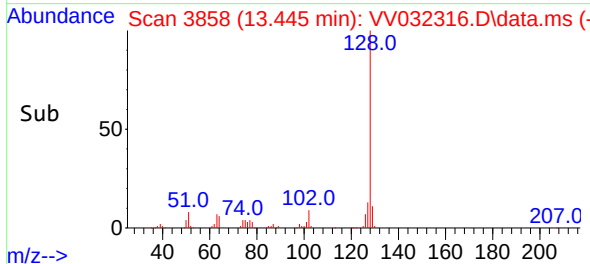
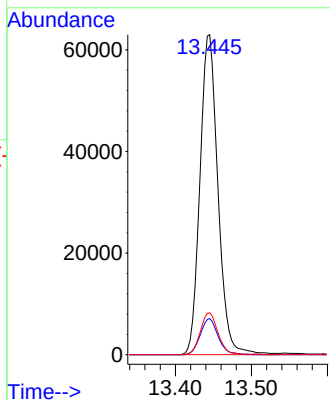


#71
Naphthalene
Concen: 4.765 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 103508
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.921 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032316.D
Acq: 09 Oct 2023 09:23

Tgt Ion:180 Resp: 54212
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.4
145 32.9 25.7 38.5

