

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025983.D
 Acq On : 23 Dec 2021 19:47
 Operator : JC/MD
 Sample : VSTD05056
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 20:17:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 20:14:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	210582	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	76564	44.662	ug/L	0.00
7) Chloroethane-d5	1.666	69	60273	43.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	149533	49.308	ug/L	0.00
21) 2-Butanone-d5	4.459	46	131758	107.308	ug/L	0.00
24) Chloroform-d	5.068	84	150862	47.002	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	100957	48.231	ug/L	0.00
32) Benzene-d6	5.977	84	295670	48.104	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	92980	49.504	ug/L	0.00
41) Toluene-d8	8.653	98	275434	47.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	40752	49.495	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	97087	113.091	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	134798	50.901	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	104037	46.648	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	106489	53.579	ug/L	100
3) Chloromethane	1.294	50	98999	51.558	ug/L	98
5) Vinyl chloride	1.374	62	96349	49.039	ug/L	100
6) Bromomethane	1.605	94	59814	45.189	ug/L	99
8) Chloroethane	1.685	64	59019	46.595	ug/L	99
9) Trichlorofluoromethane	1.892	101	148626	50.126	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	75892	51.336	ug/L	94
12) 1,1-Dichloroethene	2.325	96	71129	51.713	ug/L	90
13) Acetone	2.380	43	72063	78.443	ug/L	93
14) Carbon disulfide	2.514	76	195151	49.012	ug/L	99
15) Methyl Acetate	2.709	43	97615	54.277	ug/L #	91
16) Methylene chloride	2.794	84	80707	47.954	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	75278	48.005	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	247577	49.963	ug/L	96
19) 1,1-Dichloroethane	3.617	63	142293	50.503	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	84296	47.914	ug/L	90
22) 2-Butanone	4.562	43	132582	97.263	ug/L	95
23) Bromochloromethane	4.904	128	43049	47.377	ug/L #	81
25) Chloroform	5.099	83	148724	48.731	ug/L	100
27) 1,2-Dichloroethane	6.092	62	123248	50.343	ug/L	96
29) Cyclohexane	5.477	56	133066	51.992	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	125041	49.155	ug/L	95
31) Carbon tetrachloride	5.684	117	106864	48.860	ug/L	100
33) Benzene	6.044	78	325539	50.377	ug/L	100
34) Trichloroethene	7.129	95	81164	48.357	ug/L	94
35) Methylcyclohexane	7.385	83	132538	51.136	ug/L	94
37) 1,2-Dichloropropane	7.434	63	82625	51.698	ug/L	97
38) Bromodichloromethane	7.824	83	108838	50.680	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	121144	51.496	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	284042	114.277	ug/L	94
42) Toluene	8.720	91	349973	50.099	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	117717	53.141	ug/L	98

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 Response via : Initial Calibration

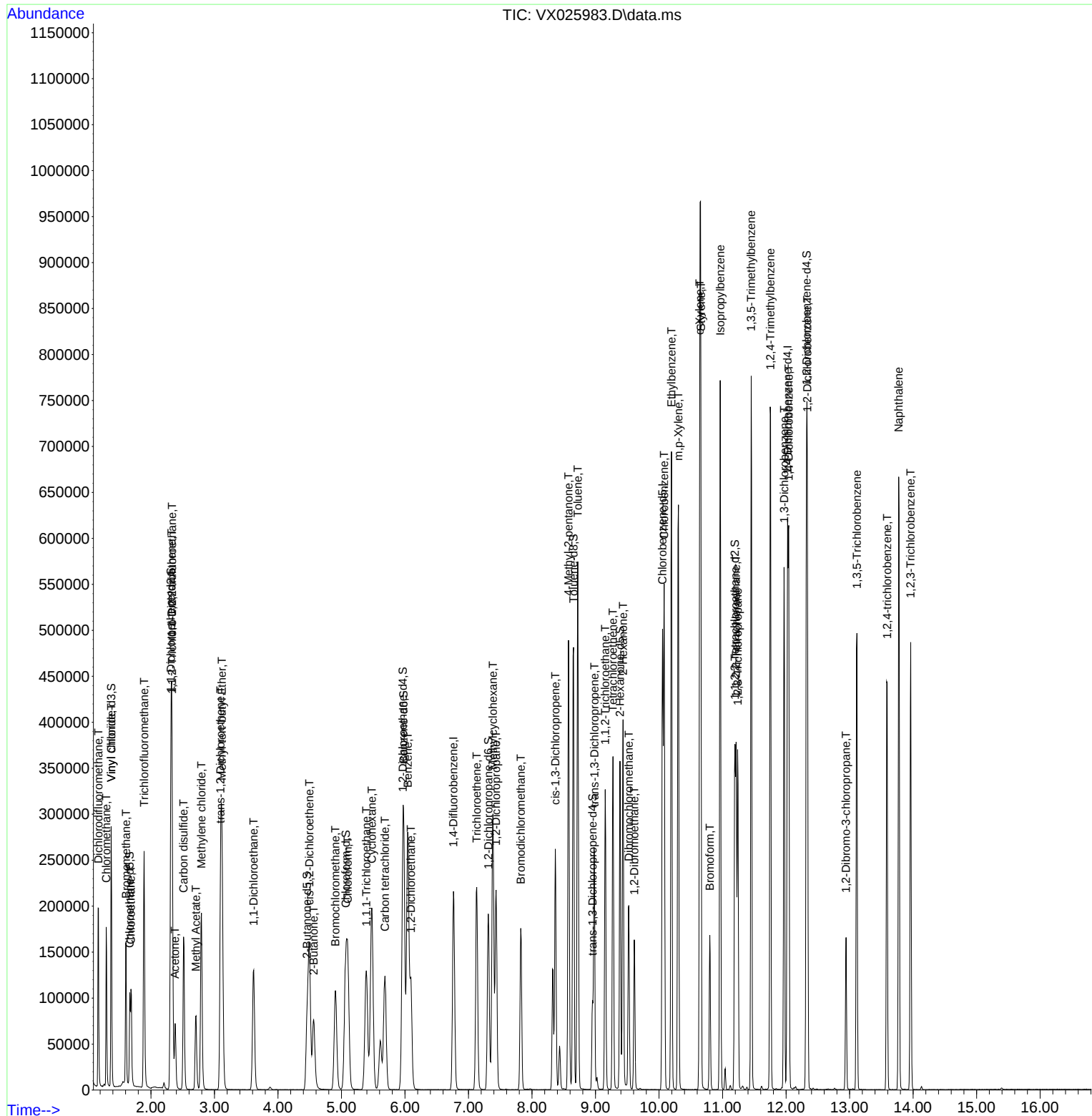
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	80096	49.010	ug/L	98
46) Tetrachloroethene	9.275	164	62875	48.376	ug/L	97
48) 2-Hexanone	9.433	43	213819	107.306	ug/L	96
49) Dibromochloromethane	9.525	129	84234	49.311	ug/L	98
50) 1,2-Dibromoethane	9.610	107	85036	49.148	ug/L	100
51) Chlorobenzene	10.079	112	217422	48.310	ug/L	95
52) Ethylbenzene	10.195	91	383361	50.903	ug/L	95
53) m,p-Xylene	10.305	106	144989	48.889	ug/L	93
54) o-Xylene	10.640	106	142904	49.631	ug/L	84
55) Styrene	10.659	104	246639	50.790	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	133589	51.748	ug/L	98
59) Bromoform	10.799	173	55979	47.595	ug/L	100
60) Isopropylbenzene	10.963	105	376916	48.897	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	109276	50.396	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	319640	49.417	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	320940	49.524	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	167232	47.603	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	164566	46.967	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	165029	47.639	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	28998	56.103	ug/L	86
69) 1,3,5-Trichlorobenzene	13.116	180	113583	49.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	100463	52.754	ug/L	99
71) Naphthalene	13.774	128	391731	59.819	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	103966	54.462	ug/L	98

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

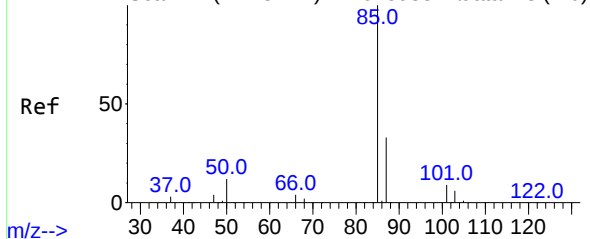
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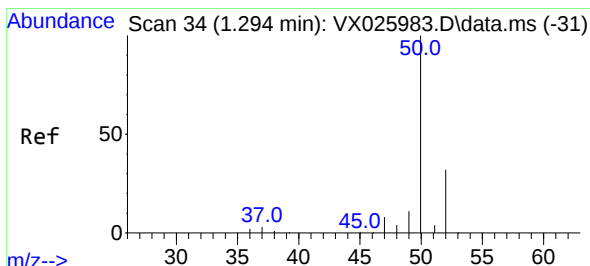
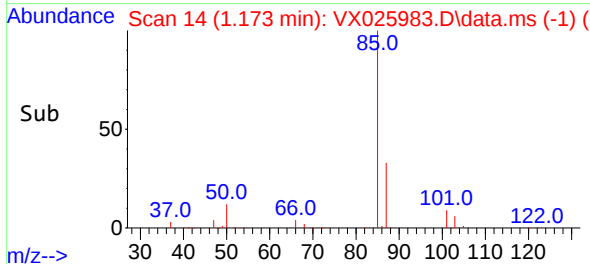
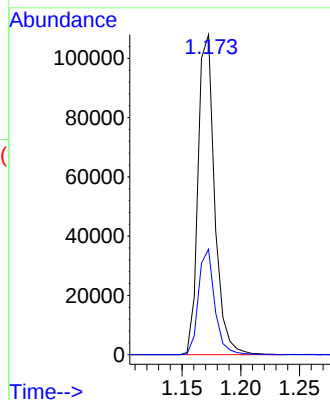
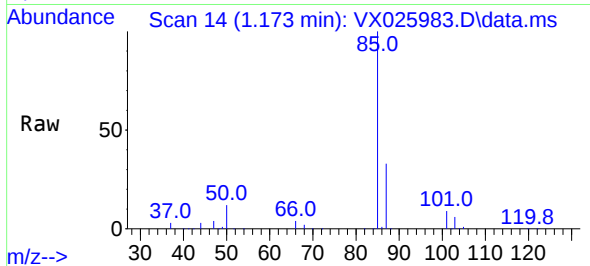
Abundance Scan 14 (1.173 min): VX025983.D\data.ms (-10)



#2
Dichlorodifluoromethane
Concen: 53.579 ug/L
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

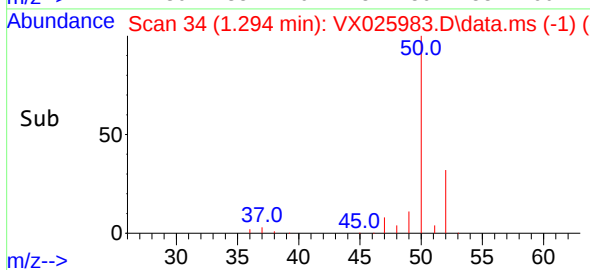
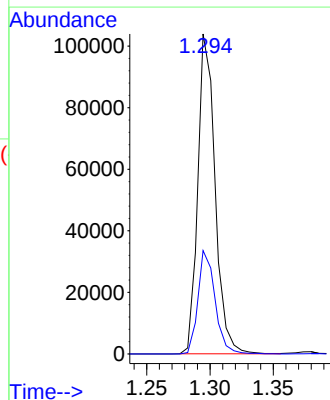
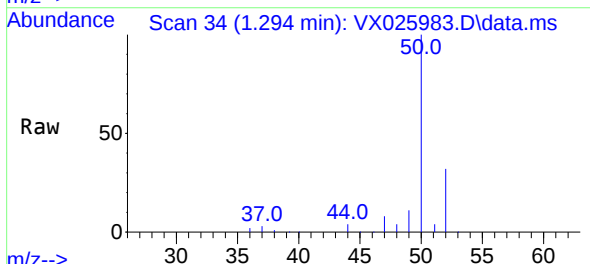
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 85 Resp: 106489
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.6

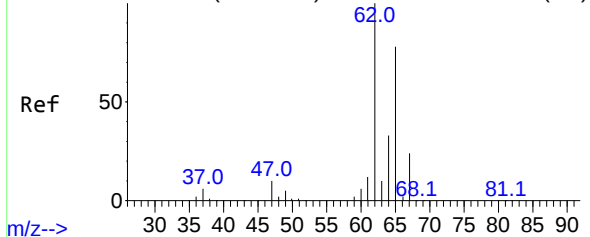


#3
Chloromethane
Concen: 51.558 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion: 50 Resp: 98999
Ion Ratio Lower Upper
50 100
52 32.3 22.0 40.8



Abundance Scan 47 (1.374 min): VX025983.D\data.ms (-44)



#5

Vinyl chloride

Concen: 49.039 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :

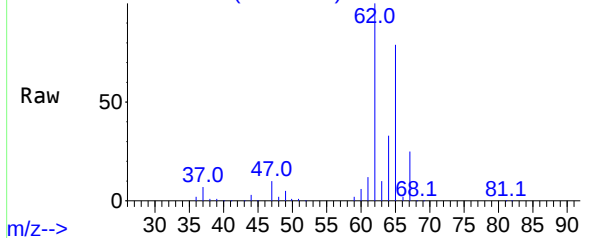
Tgt Ion: 62 Resp: 96349

Ion Ratio Lower Upper

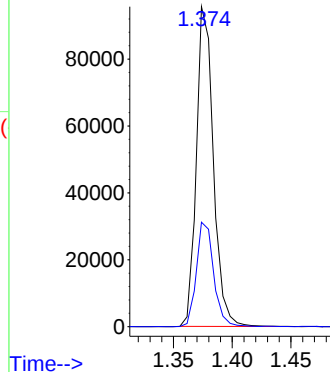
62 100

64 32.6 22.9 42.5

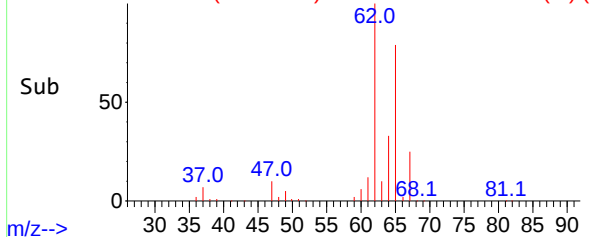
Abundance Scan 47 (1.374 min): VX025983.D\data.ms



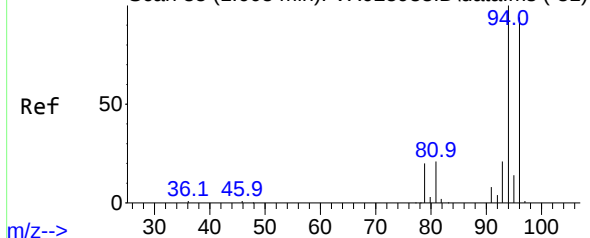
Abundance



Abundance Scan 47 (1.374 min): VX025983.D\data.ms (-1)



Abundance Scan 85 (1.605 min): VX025983.D\data.ms (-81)



#6

Bromomethane

Concen: 45.189 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

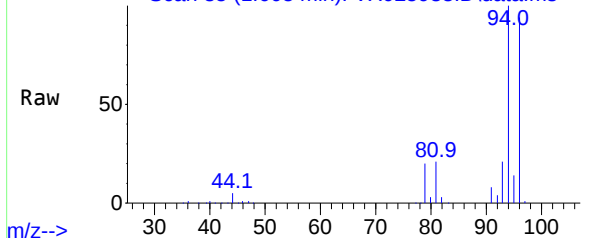
Tgt Ion: 94 Resp: 59814

Ion Ratio Lower Upper

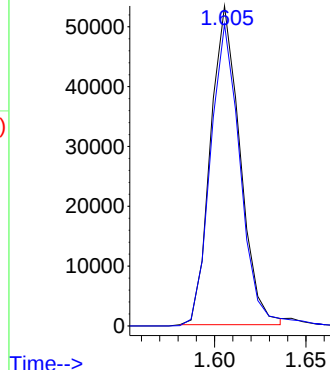
94 100

96 94.3 66.7 123.9

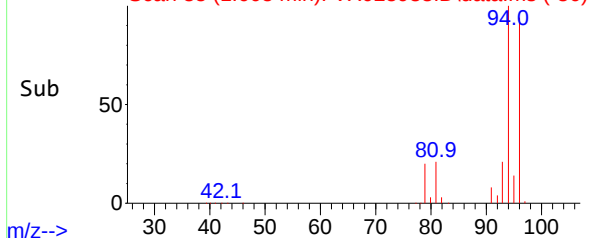
Abundance Scan 85 (1.605 min): VX025983.D\data.ms



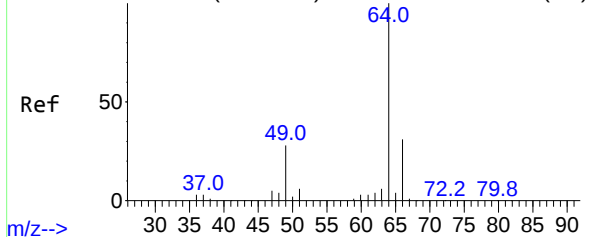
Abundance



Abundance Scan 85 (1.605 min): VX025983.D\data.ms (-36)



Abundance Scan 98 (1.685 min): VX025983.D\data.ms (-93)



#8

Chloroethane

Concen: 46.595 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :

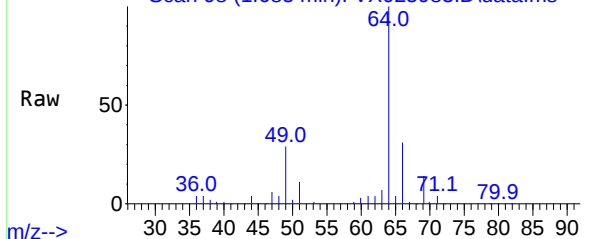
Tgt Ion: 64 Resp: 59019

Ion Ratio Lower Upper

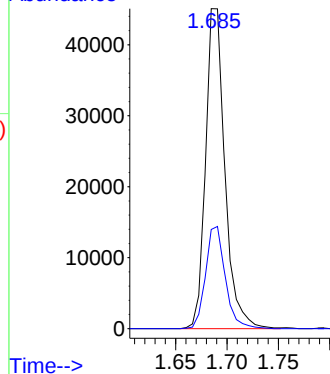
64 100

66 31.0 22.0 40.8

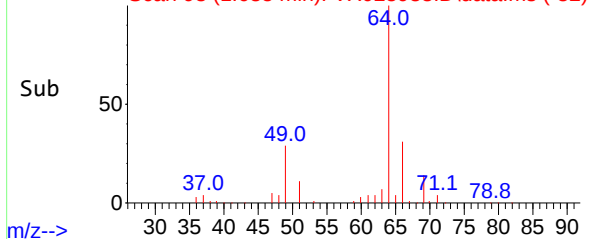
Abundance Scan 98 (1.685 min): VX025983.D\data.ms



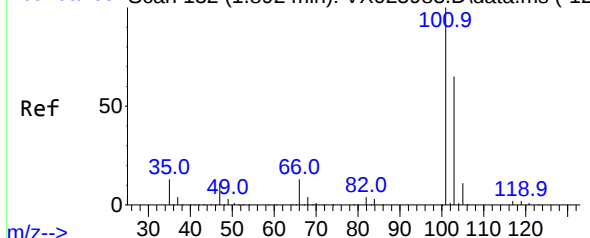
Abundance



Abundance Scan 98 (1.685 min): VX025983.D\data.ms (-32)



Abundance Scan 132 (1.892 min): VX025983.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 50.126 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

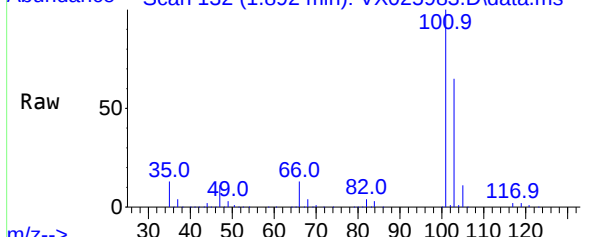
Tgt Ion:101 Resp: 148626

Ion Ratio Lower Upper

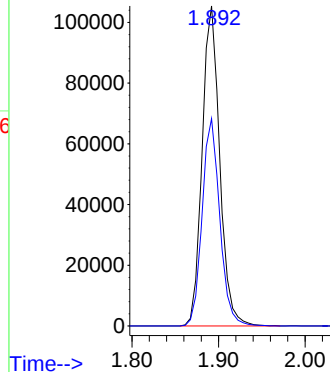
101 100

103 65.0 52.2 78.2

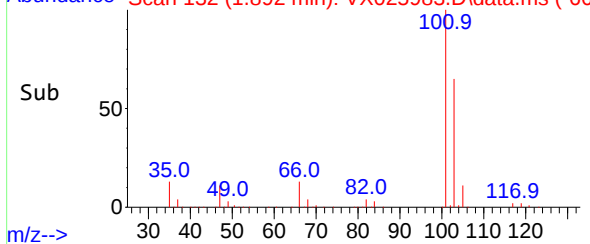
Abundance Scan 132 (1.892 min): VX025983.D\data.ms

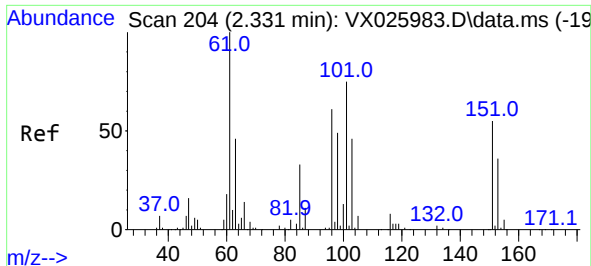


Abundance



Abundance Scan 132 (1.892 min): VX025983.D\data.ms (-66)

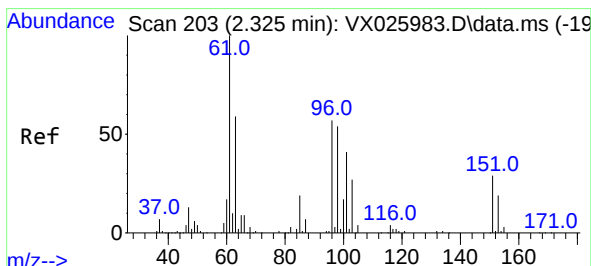
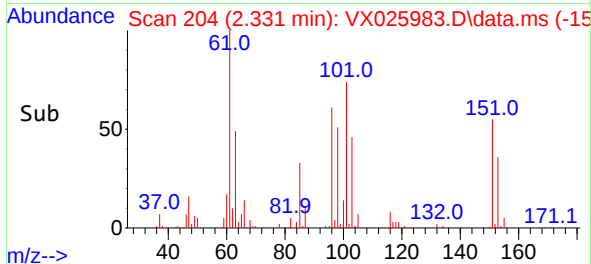
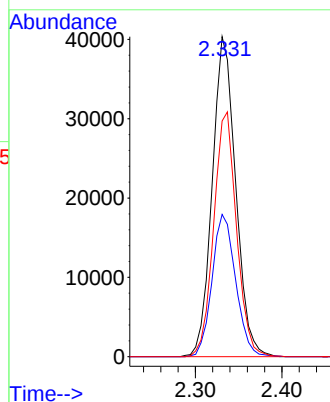
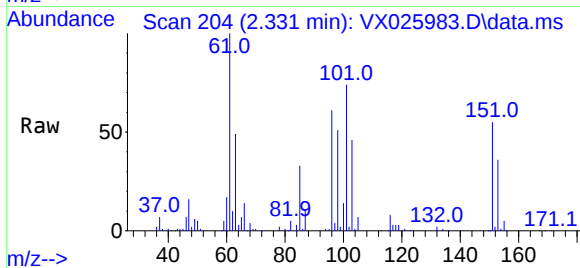




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.336 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX025983.D
 Acq: 23 Dec 2021 19:47

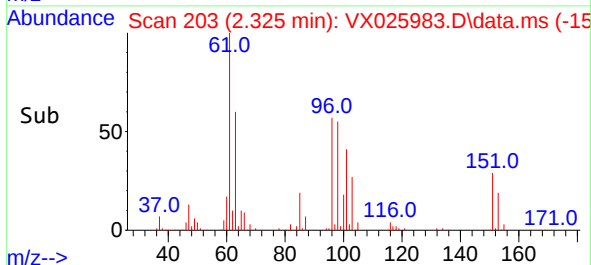
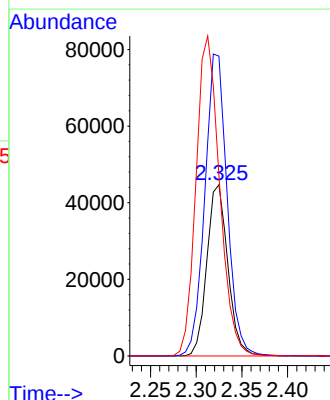
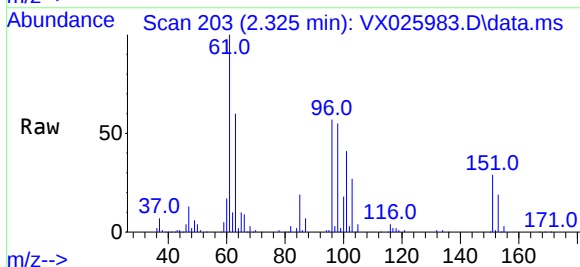
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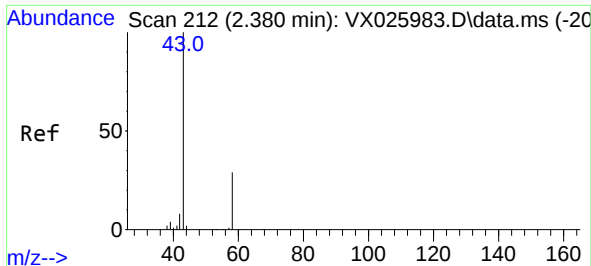
Tgt Ion: 101 Resp: 75892
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.3 51.5
 151 74.4 65.2 97.8



#12
 1,1-Dichloroethene
 Concen: 51.713 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX025983.D
 Acq: 23 Dec 2021 19:47

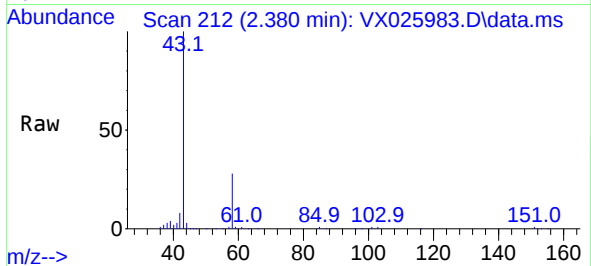
Tgt Ion: 96 Resp: 71129
 Ion Ratio Lower Upper
 96 100
 61 175.2 108.7 201.9
 63 105.4 76.3 141.7



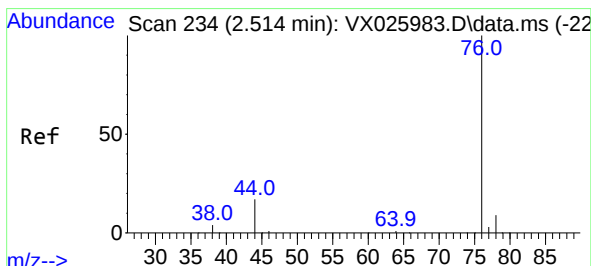
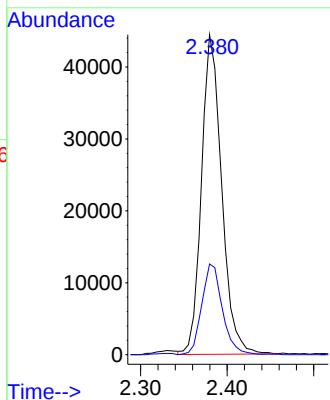
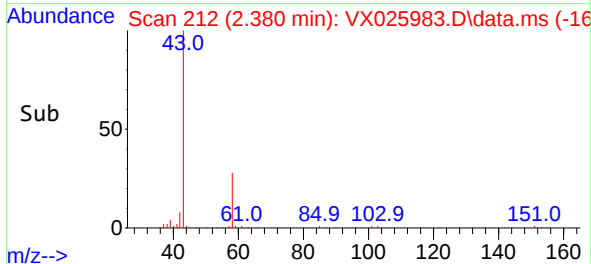


#13
Acetone
Concen: 78.443 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

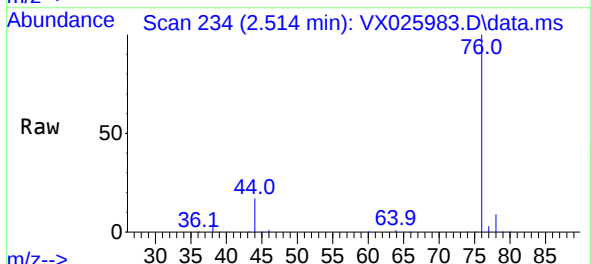
Instrument :
MSVOA_X
ClientSampleId :



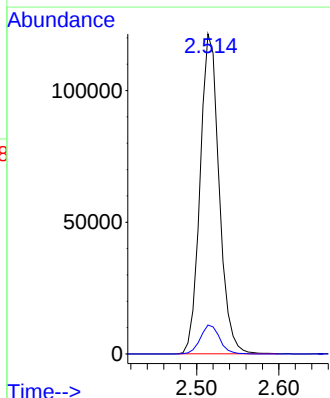
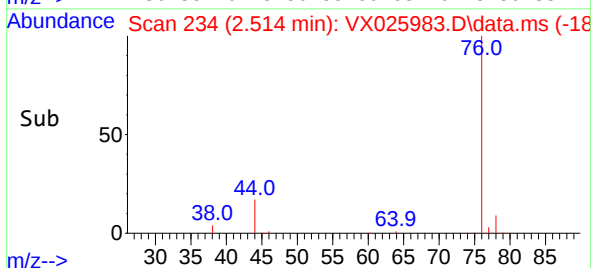
Tgt Ion: 43 Resp: 72063
Ion Ratio Lower Upper
43 100
58 28.9 0.0 65.6

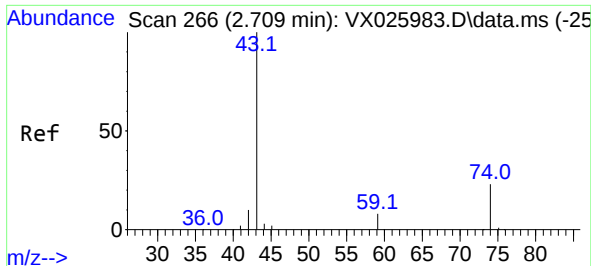


#14
Carbon disulfide
Concen: 49.012 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47



Tgt Ion: 76 Resp: 195151
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

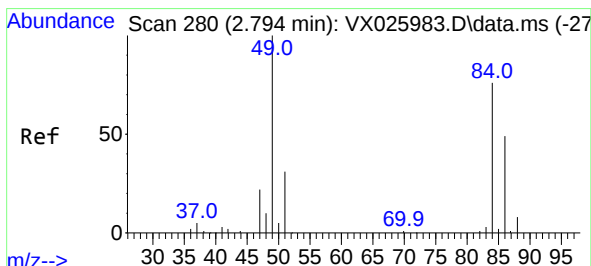
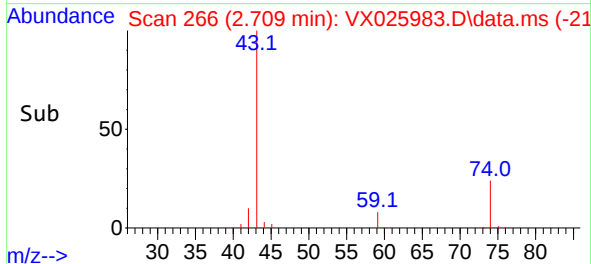
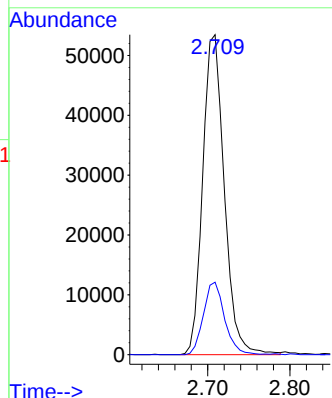
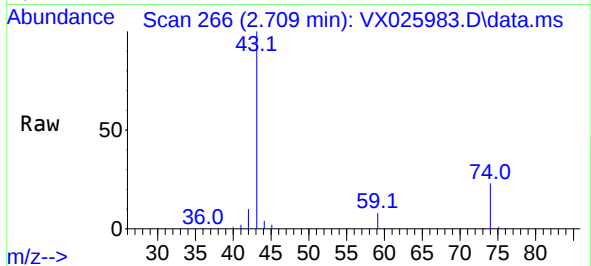




#15
Methyl Acetate
Concen: 54.277 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

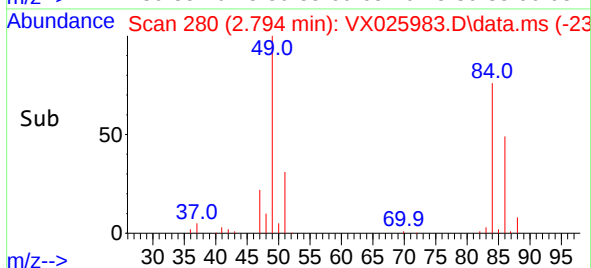
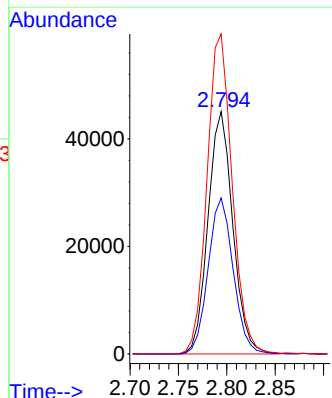
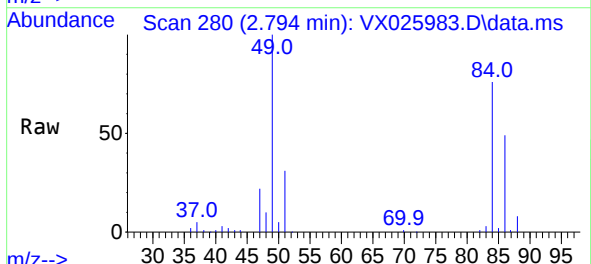
Instrument :
MSVOA_X
ClientSampleId :

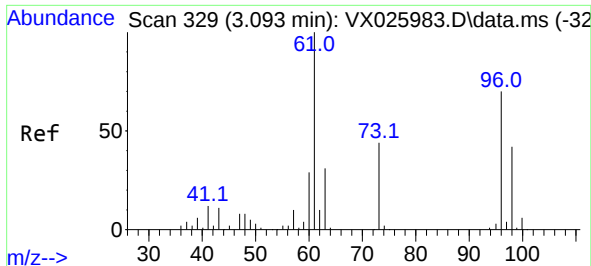
Tgt Ion: 43 Resp: 97615
Ion Ratio Lower Upper
43 100
74 22.3 0.1 0.1#



#16
Methylene chloride
Concen: 47.954 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

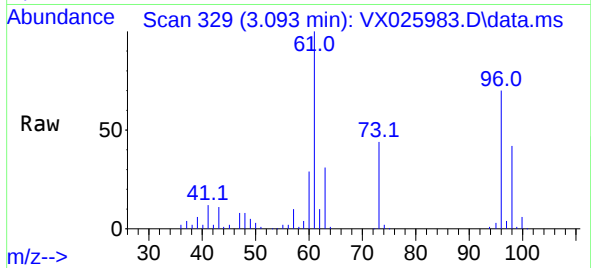
Tgt Ion: 84 Resp: 80707
Ion Ratio Lower Upper
84 100
86 64.3 45.1 83.9
49 132.0 82.3 152.8



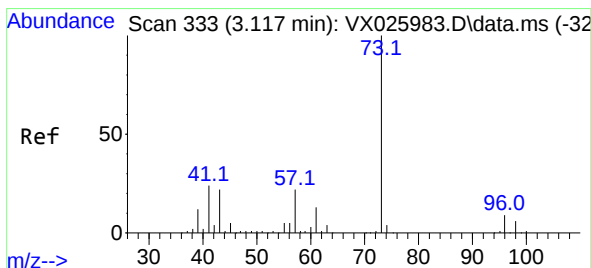
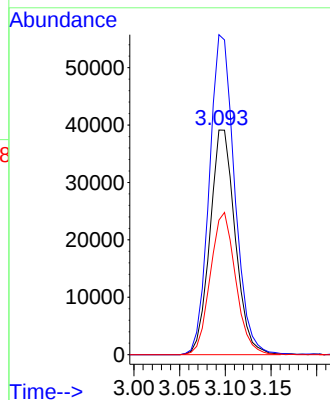
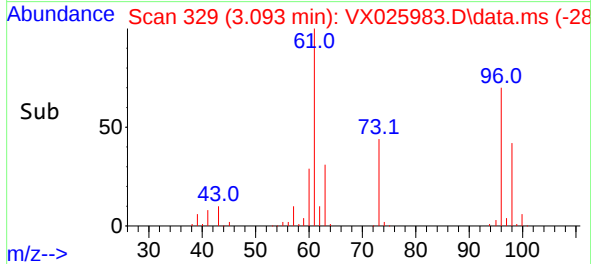


#17
trans-1,2-Dichloroethene
Concen: 48.005 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

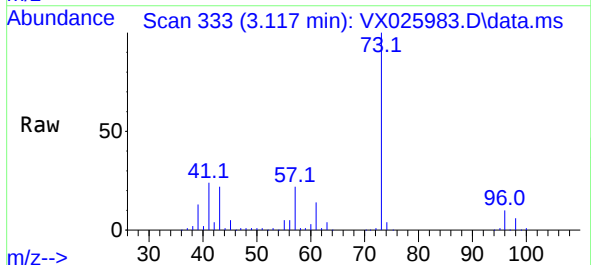
Instrument :
MSVOA_X
ClientSampleId :



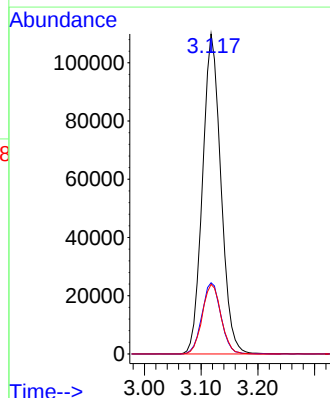
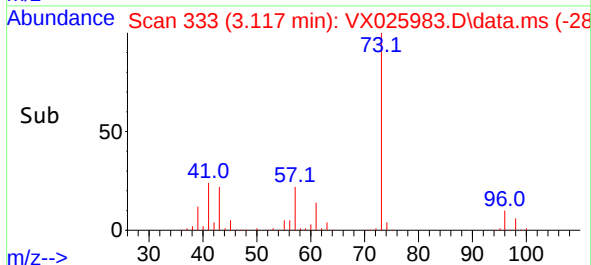
Tgt Ion: 96 Resp: 75278
Ion Ratio Lower Upper
96 100
61 142.4 88.5 164.4
98 59.9 44.3 82.3

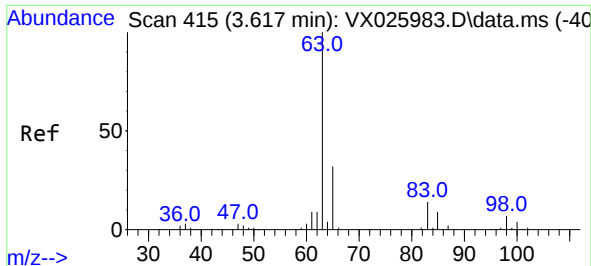


#18
Methyl tert-butyl Ether
Concen: 49.963 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47



Tgt Ion: 73 Resp: 247577
Ion Ratio Lower Upper
73 100
43 22.9 15.7 23.5
57 22.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.503 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :

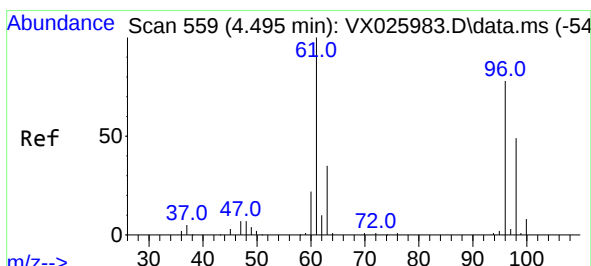
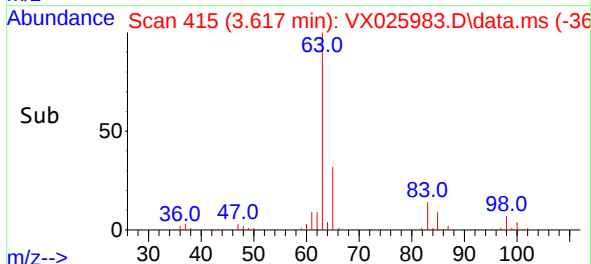
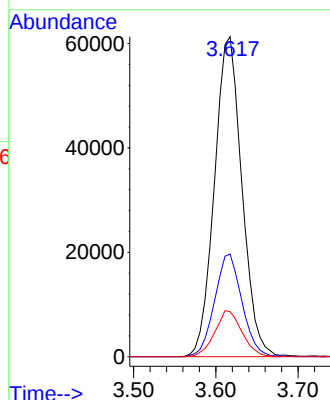
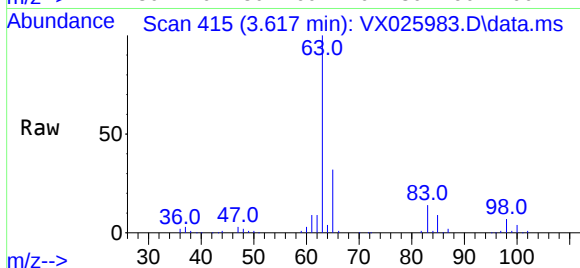
Tgt Ion: 63 Resp: 142293

Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 14.1 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 47.914 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

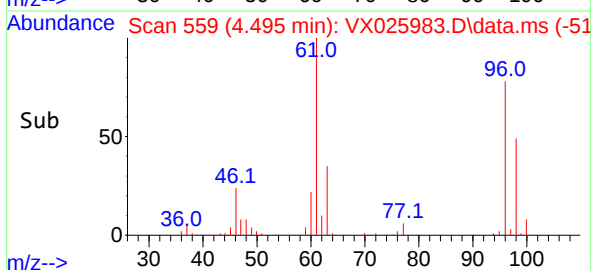
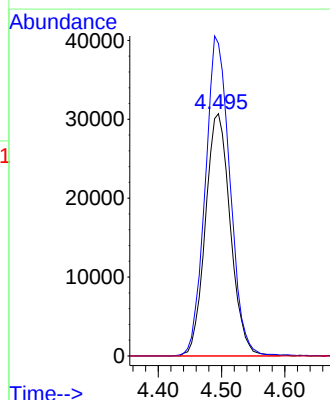
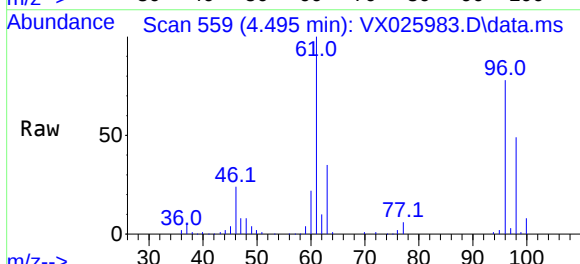
Tgt Ion: 96 Resp: 84296

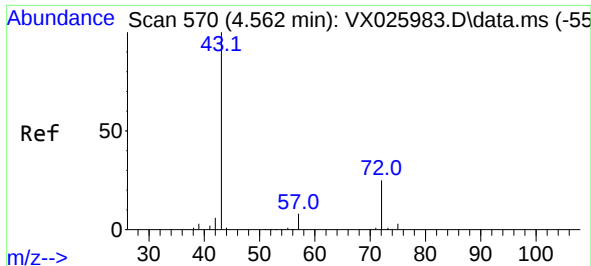
Ion Ratio Lower Upper

96 100

61 129.0 82.3 152.8

68 0.0 0.0 0.0

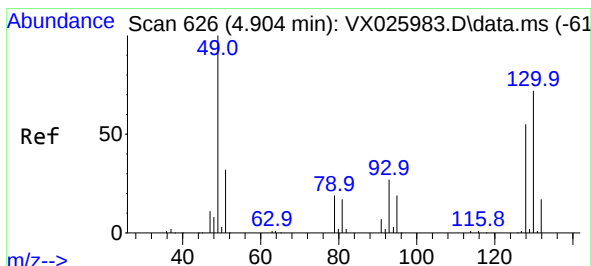
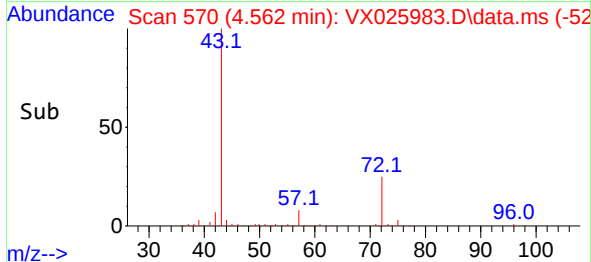
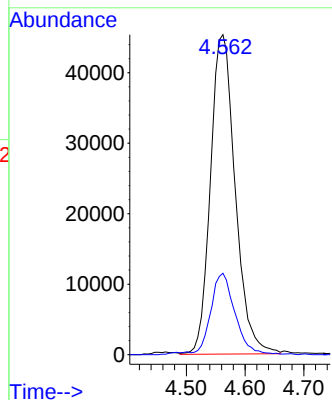
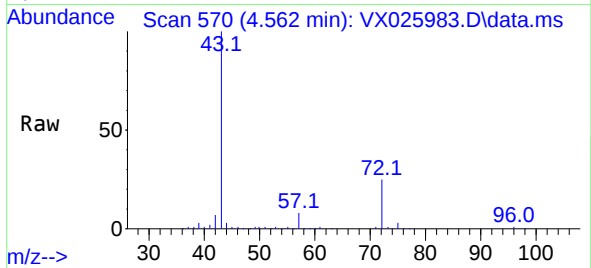




#22
2-Butanone
Concen: 97.263 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

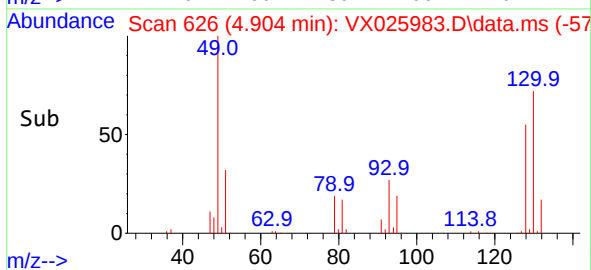
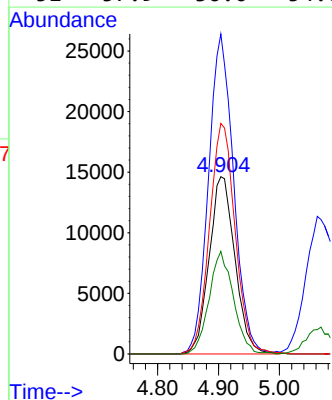
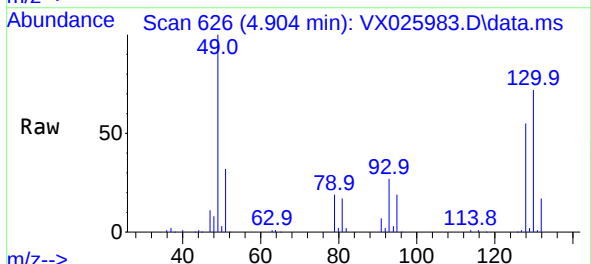
Instrument :
MSVOA_X
ClientSampleId :

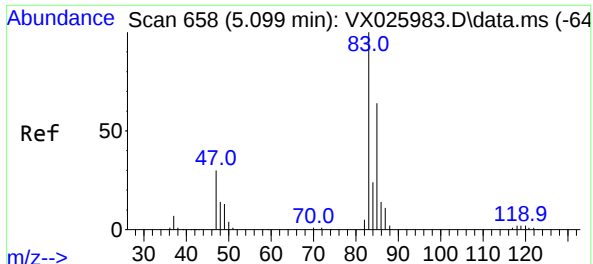
Tgt Ion: 43 Resp: 132582
Ion Ratio Lower Upper
43 100
72 24.7 13.8 41.3



#23
Bromochloromethane
Concen: 47.377 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion: 128 Resp: 43049
Ion Ratio Lower Upper
128 100
49 180.6 97.7 181.5
130 130.1 88.2 163.8
51 57.9 36.0 54.0#





#25

Chloroform

Concen: 48.731 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

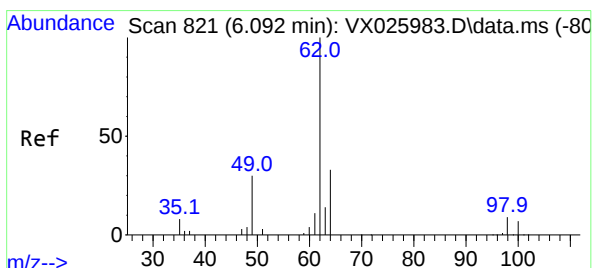
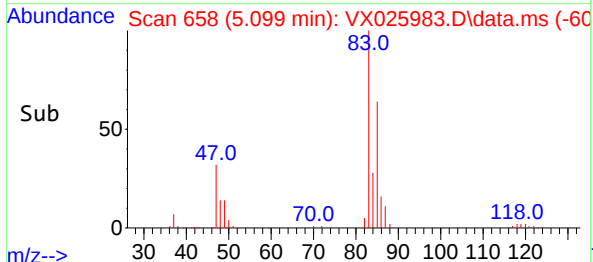
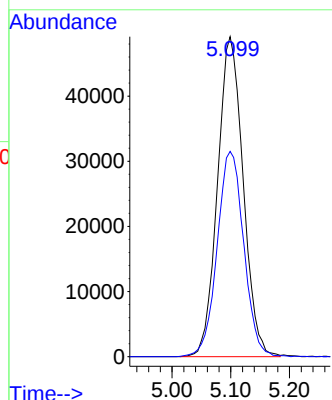
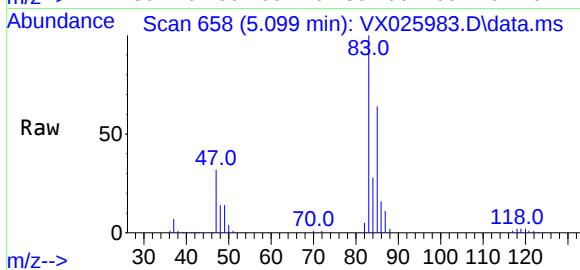
ClientSampleId :

Tgt Ion: 83 Resp: 148724

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.5



#27

1,2-Dichloroethane

Concen: 50.343 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX025983.D

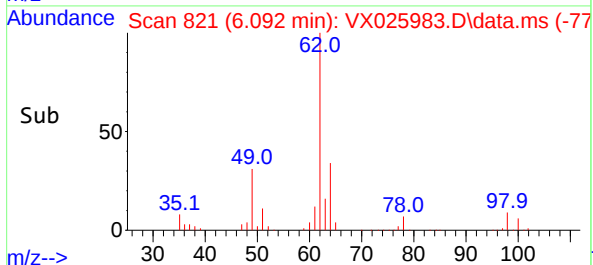
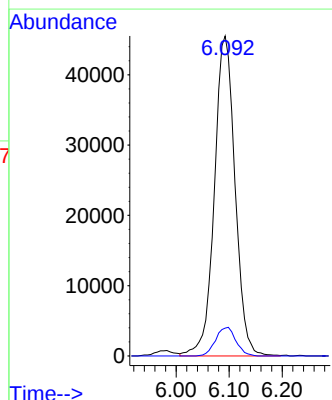
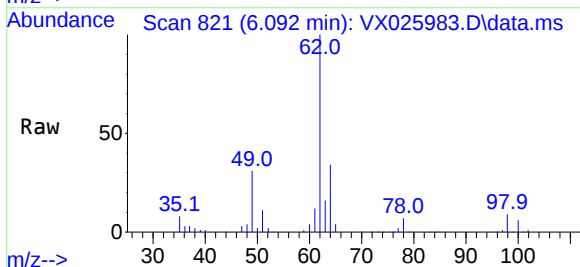
Acq: 23 Dec 2021 19:47

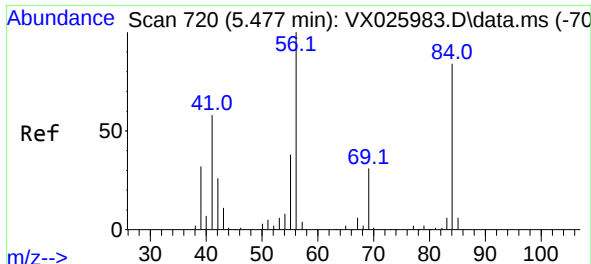
Tgt Ion: 62 Resp: 123248

Ion Ratio Lower Upper

62 100

98 8.7 8.2 12.2





#29

Cyclohexane

Concen: 51.992 ug/L

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :

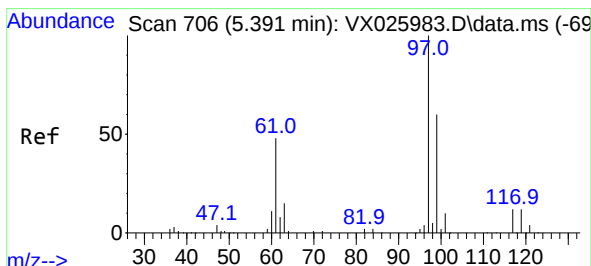
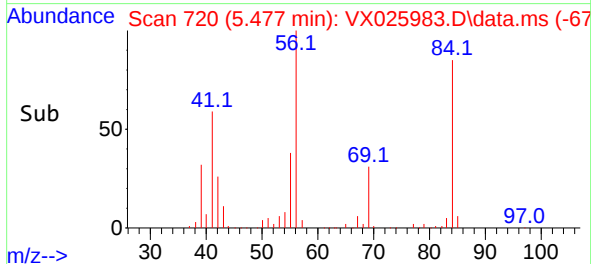
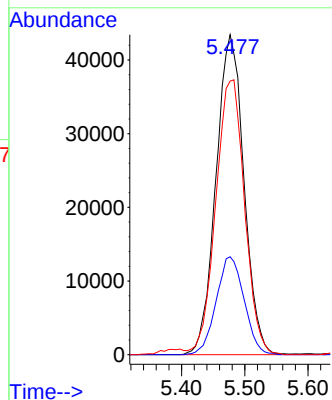
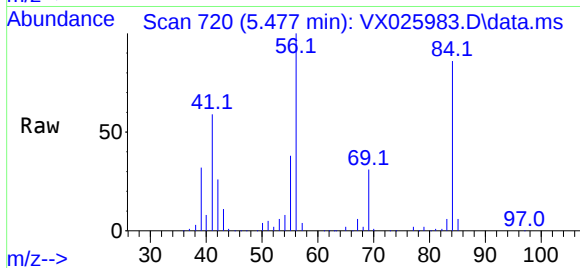
Tgt Ion: 56 Resp: 133066

Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.2

84 88.7 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 49.155 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

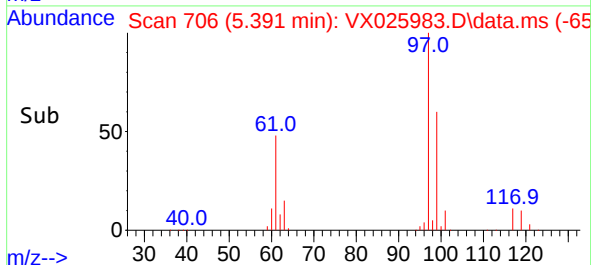
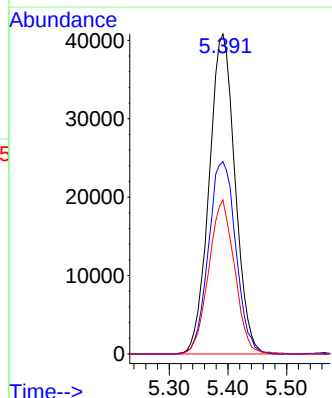
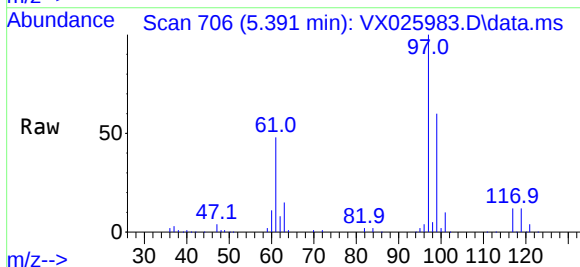
Tgt Ion: 97 Resp: 125041

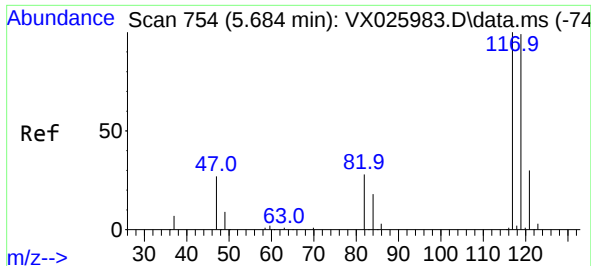
Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 47.9 33.1 49.7

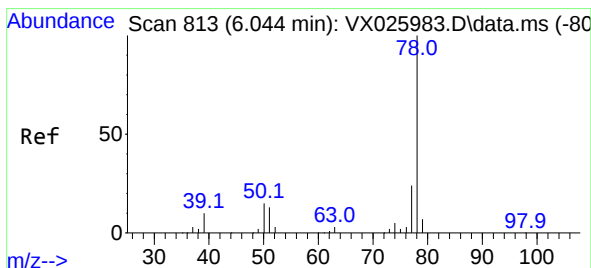
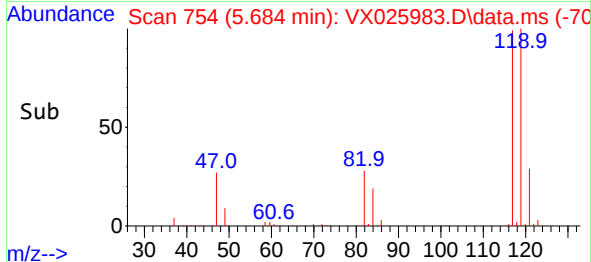
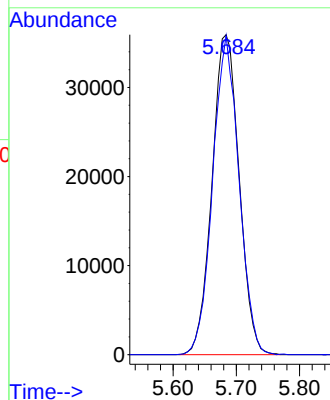
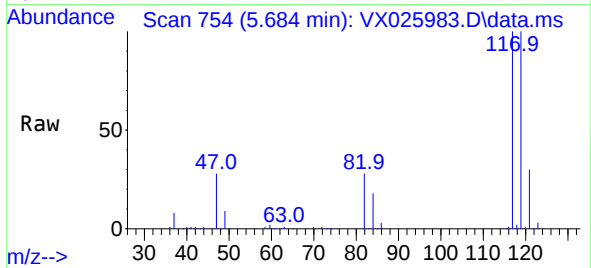




#31
Carbon tetrachloride
Concen: 48.860 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

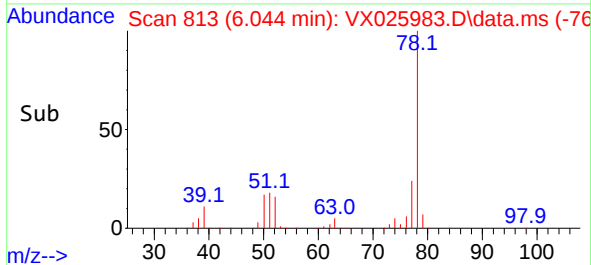
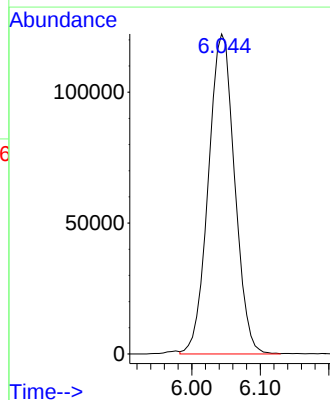
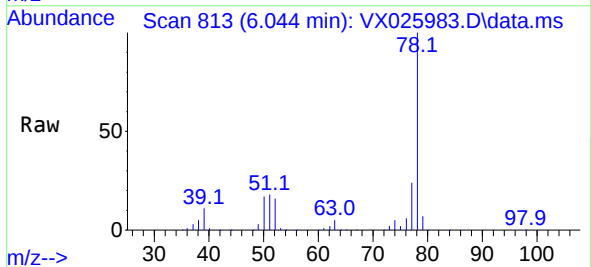
Instrument :
MSVOA_X
ClientSampleId :

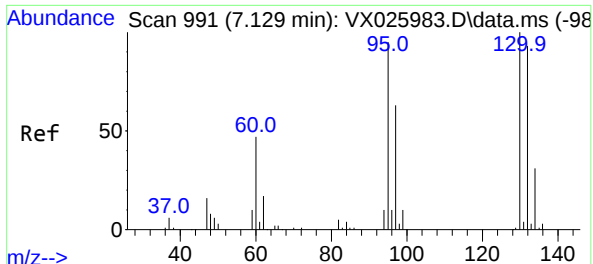
Tgt Ion:117 Resp: 106864
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2



#33
Benzene
Concen: 50.377 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

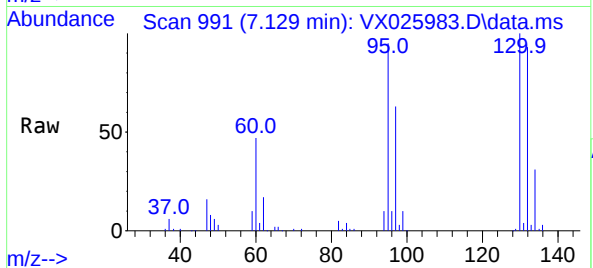
Tgt Ion: 78 Resp: 325539





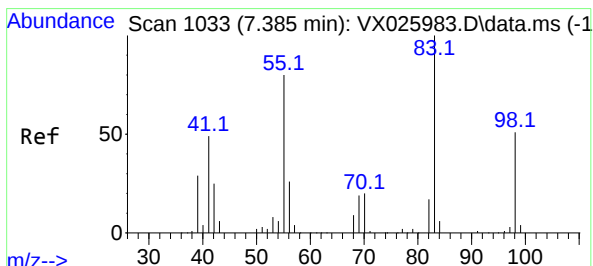
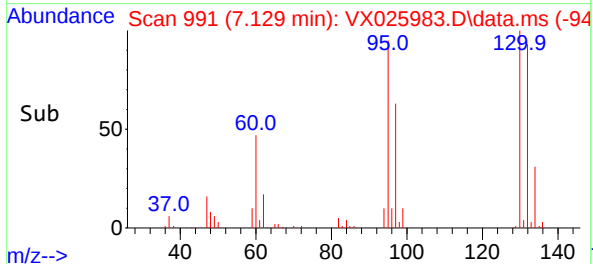
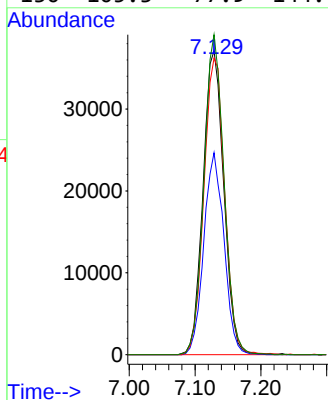
#34
Trichloroethene
Concen: 48.357 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 81164

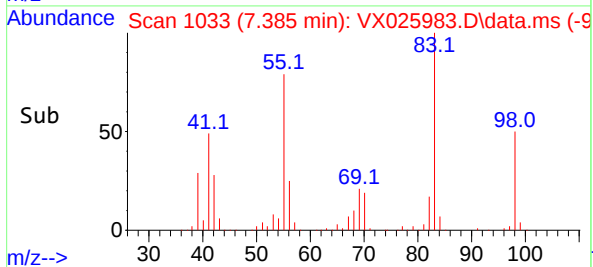
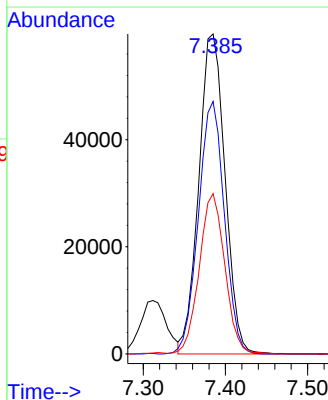
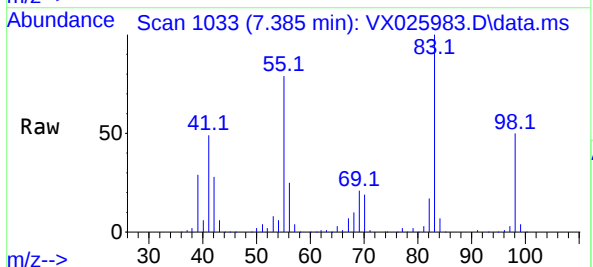
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.0	85.4
132	97.5	75.0	139.2
130	105.3	77.9	144.7

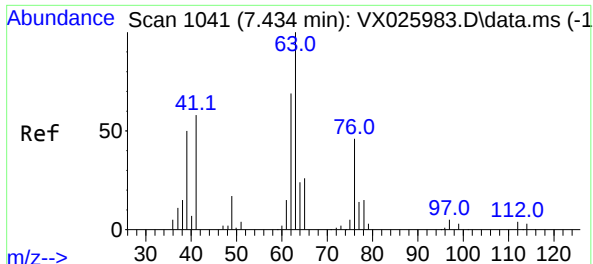


#35
Methylcyclohexane
Concen: 51.136 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion: 83 Resp: 132538

Ion	Ratio	Lower	Upper
83	100		
55	78.1	57.3	85.9
98	48.9	41.1	61.7

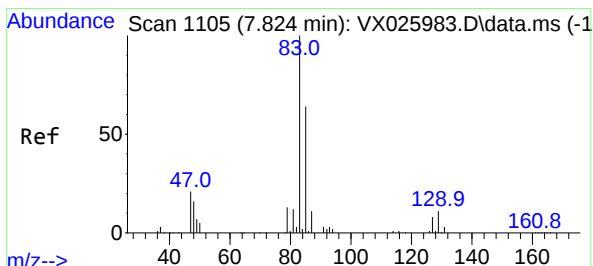
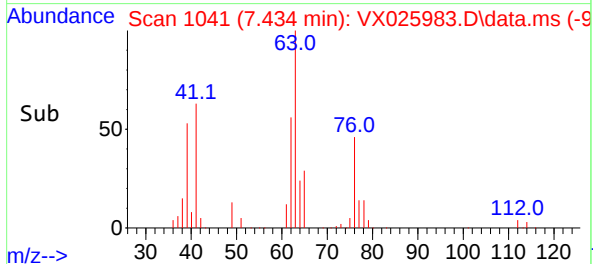
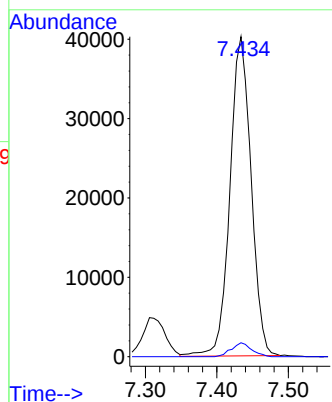
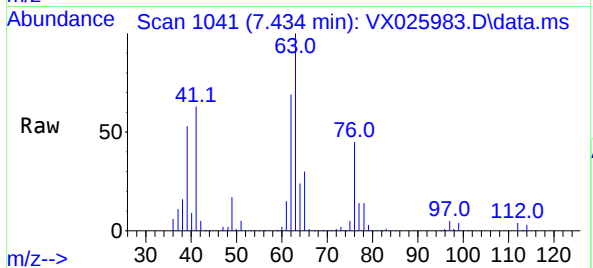




#37
1,2-Dichloropropane
Concen: 51.698 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

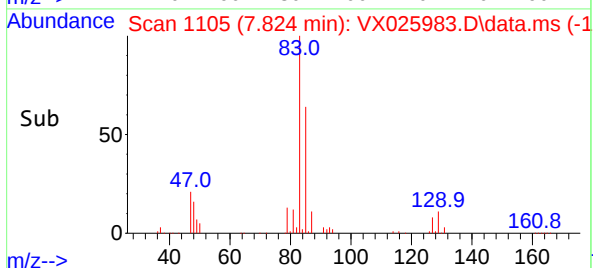
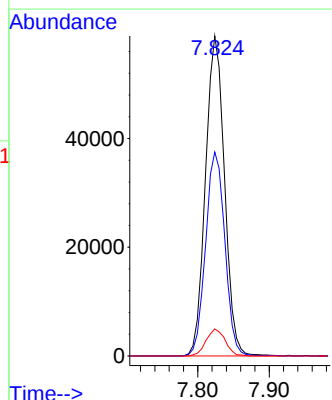
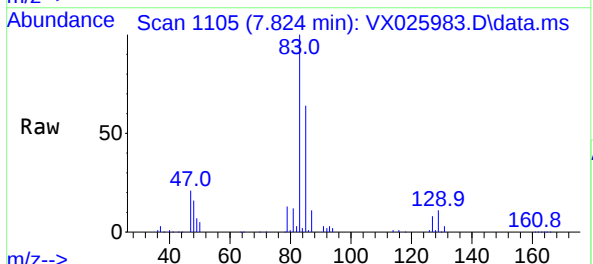
Instrument :
MSVOA_X
ClientSampleId :

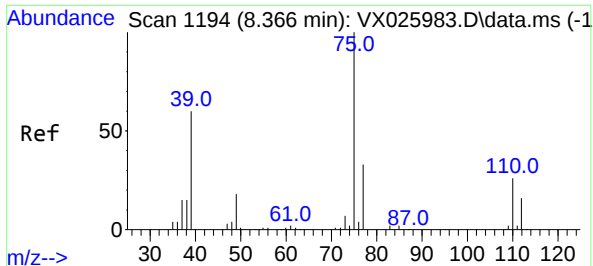
Tgt Ion: 63 Resp: 82625
Ion Ratio Lower Upper
63 100
112 4.2 4.0 6.0



#38
Bromodichloromethane
Concen: 50.680 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion: 83 Resp: 108838
Ion Ratio Lower Upper
83 100
85 63.7 45.3 84.1
127 8.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 51.496 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

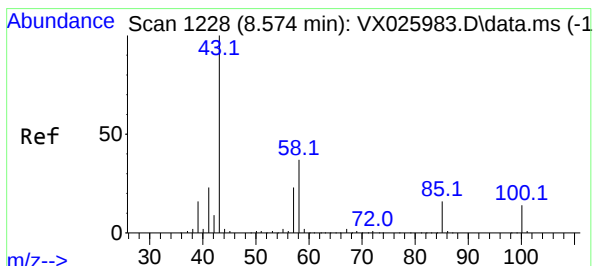
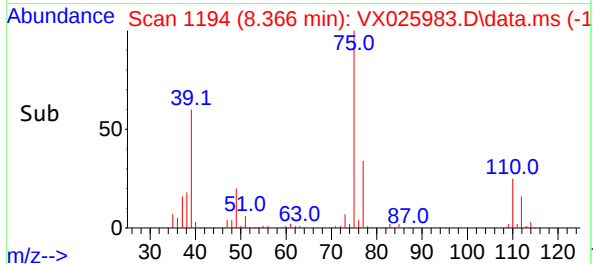
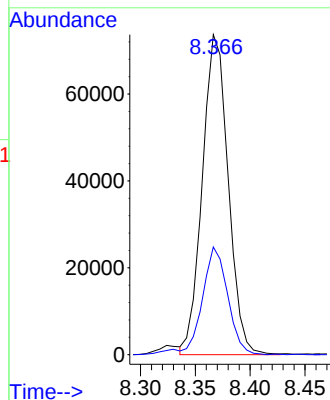
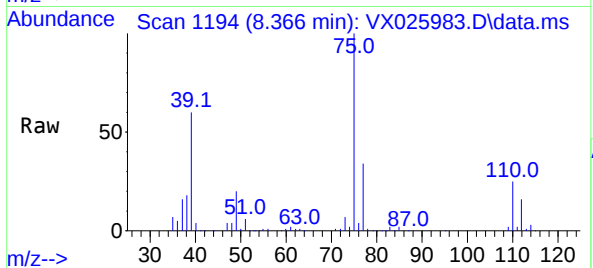
ClientSampleId :

Tgt Ion: 75 Resp: 121144

Ion Ratio Lower Upper

75 100

77 33.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 114.277 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

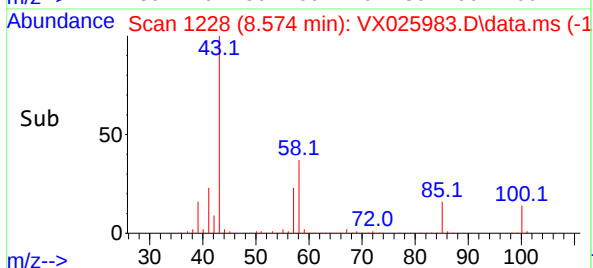
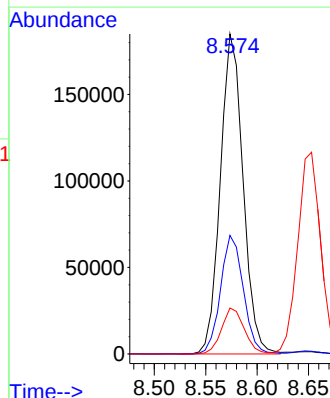
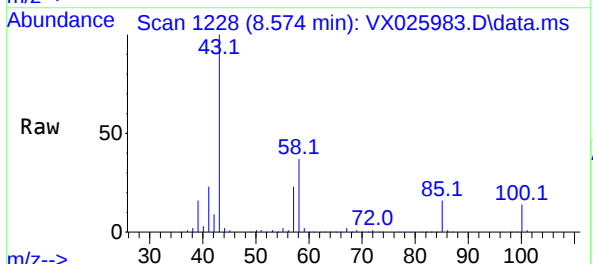
Tgt Ion: 43 Resp: 284042

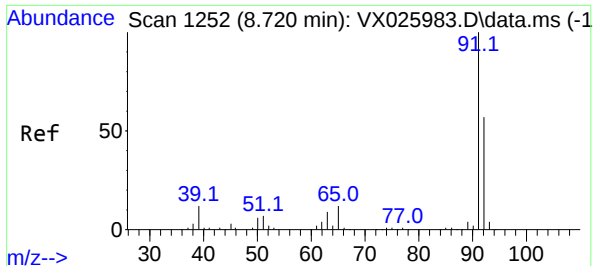
Ion Ratio Lower Upper

43 100

58 37.2 32.2 48.2

100 14.4 14.2 21.2





#42

Toluene

Concen: 50.099 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

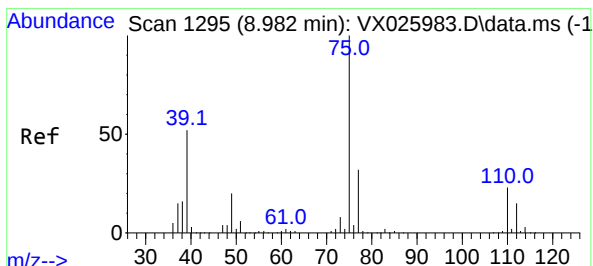
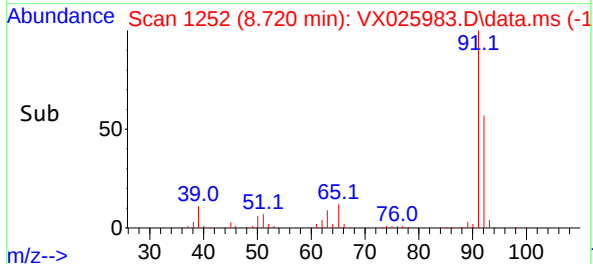
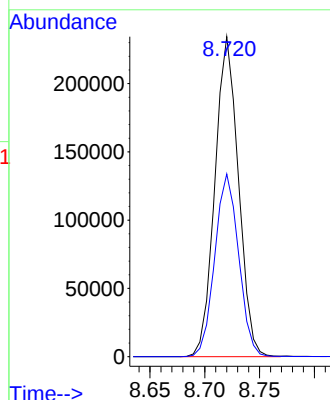
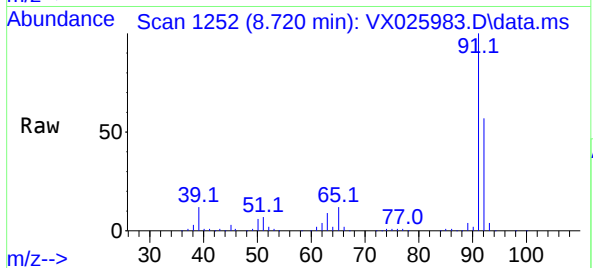
ClientSampleId :

Tgt Ion: 91 Resp: 349973

Ion Ratio Lower Upper

91 100

92 57.1 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 53.141 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025983.D

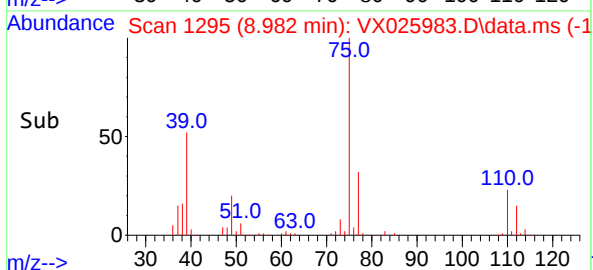
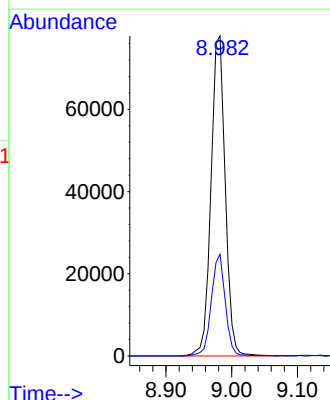
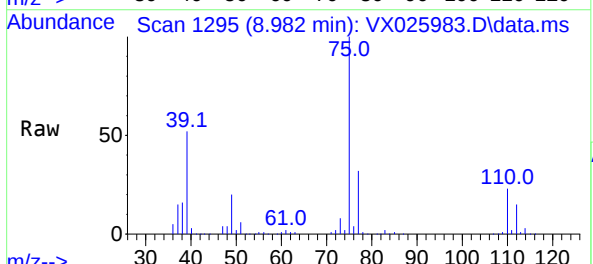
Acq: 23 Dec 2021 19:47

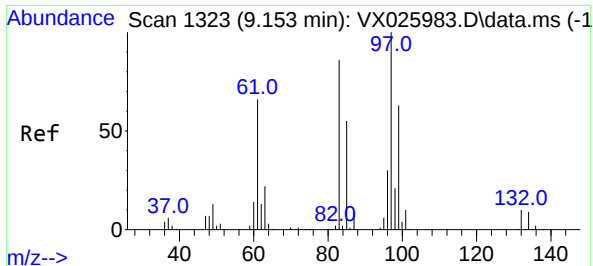
Tgt Ion: 75 Resp: 117717

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.8



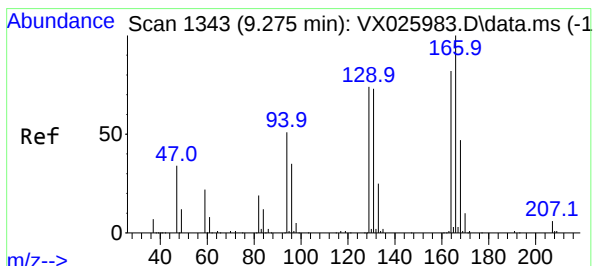
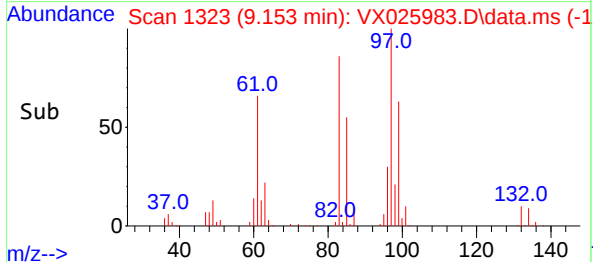
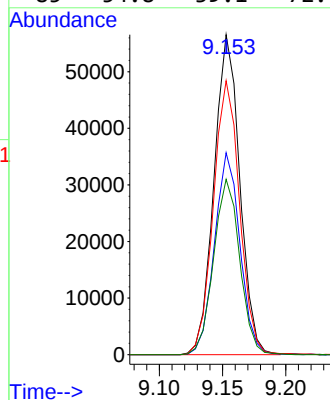
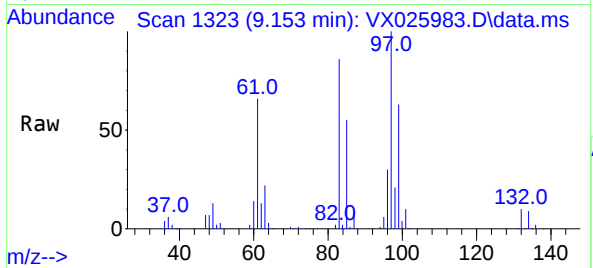


#45
1,1,2-Trichloroethane
Concen: 49.010 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 80096

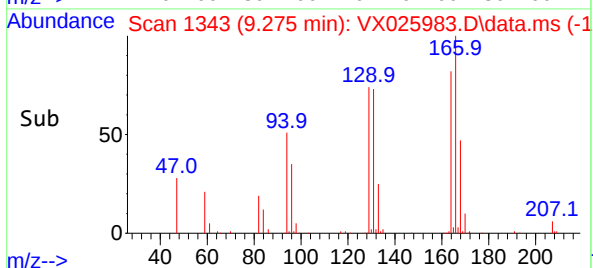
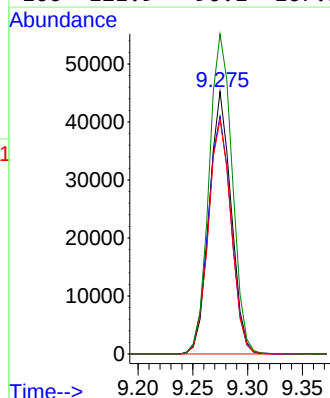
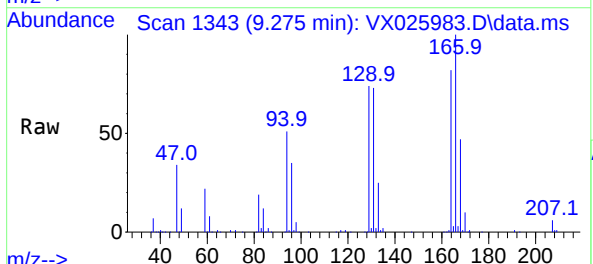
Ion	Ratio	Lower	Upper
97	100		
99	63.1	46.0	85.4
83	85.6	59.6	110.8
85	54.8	39.1	72.7

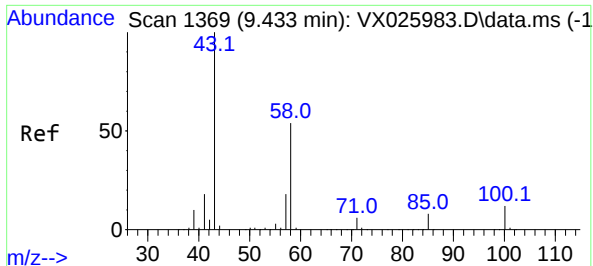


#46
Tetrachloroethene
Concen: 48.376 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion:164 Resp: 62875

Ion	Ratio	Lower	Upper
164	100		
129	90.5	64.7	120.1
131	89.3	63.2	117.4
166	121.9	90.1	167.3

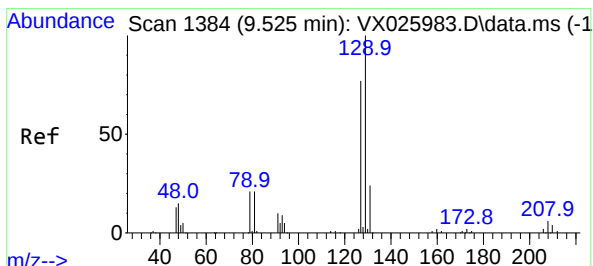
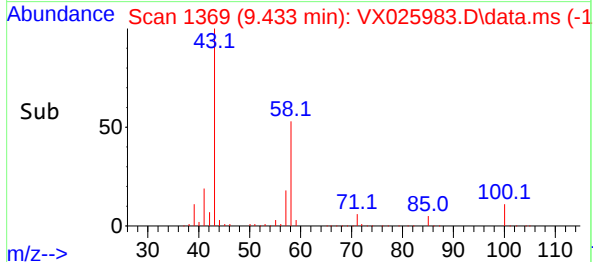
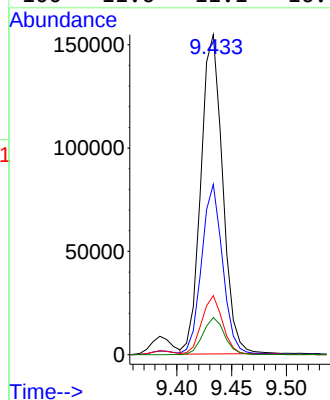
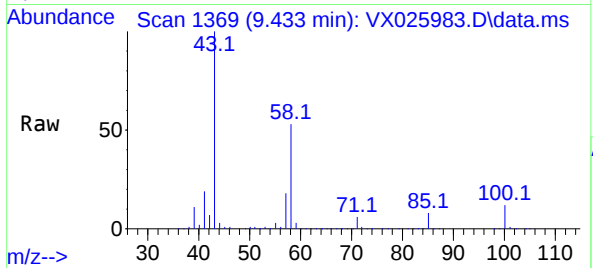




#48
2-Hexanone
Concen: 107.306 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

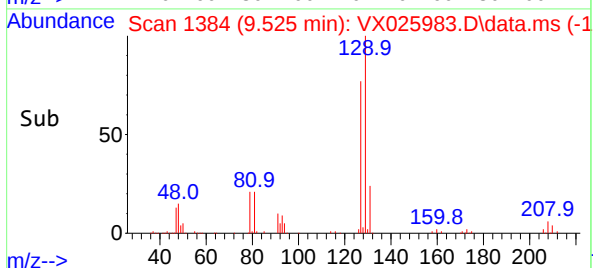
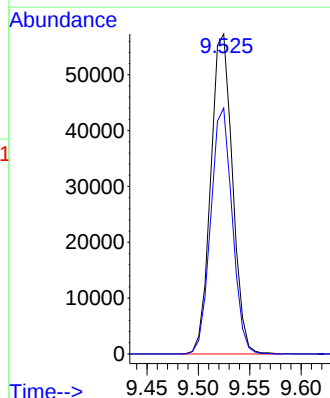
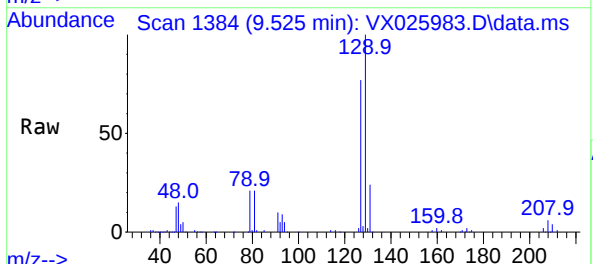
Instrument :
MSVOA_X
ClientSampleId :

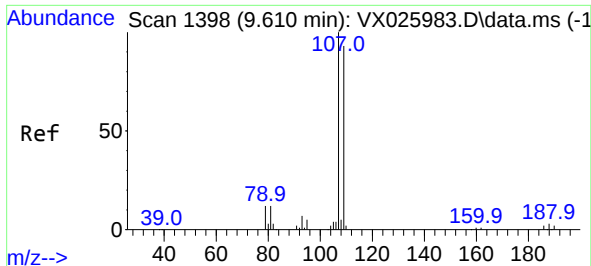
Tgt Ion: 43 Resp: 213819
Ion Ratio Lower Upper
43 100
58 51.7 44.2 66.4
57 18.0 15.1 22.7
100 11.6 11.1 16.7



#49
Dibromochloromethane
Concen: 49.311 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion: 129 Resp: 84234
Ion Ratio Lower Upper
129 100
127 76.9 52.4 97.2



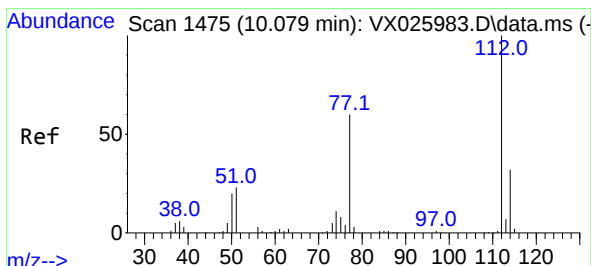
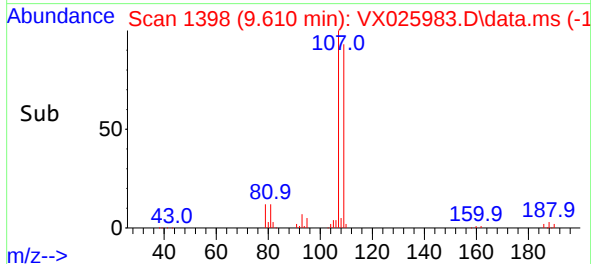
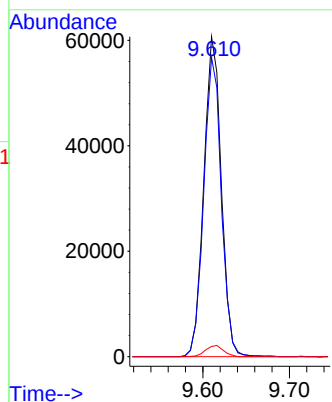
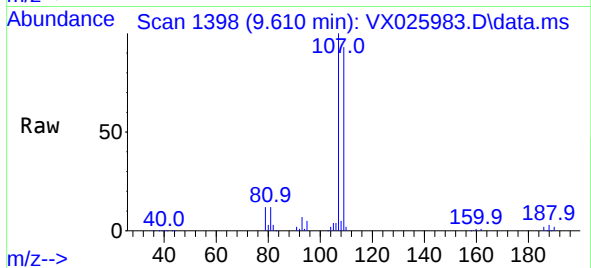


#50
1,2-Dibromoethane
Concen: 49.148 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:107 Resp: 85036

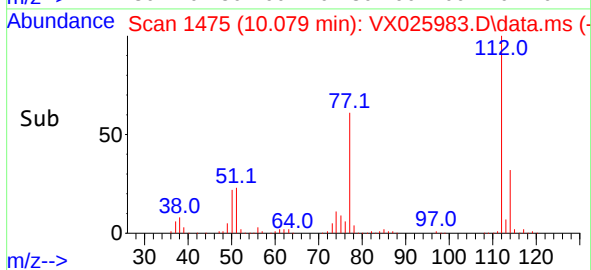
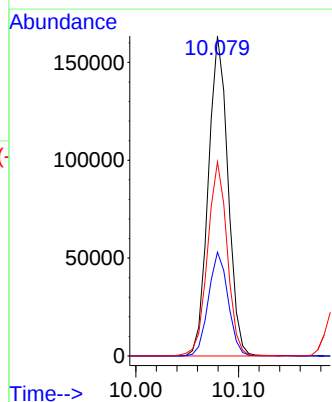
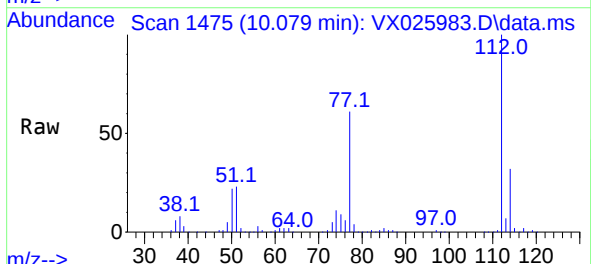
Ion	Ratio	Lower	Upper
107	100		
109	93.5	65.3	121.3
188	3.2	2.9	4.3

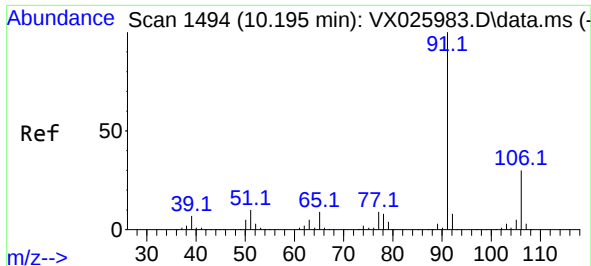


#51
Chlorobenzene
Concen: 48.310 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion:112 Resp: 217422

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	60.7	44.5	66.7

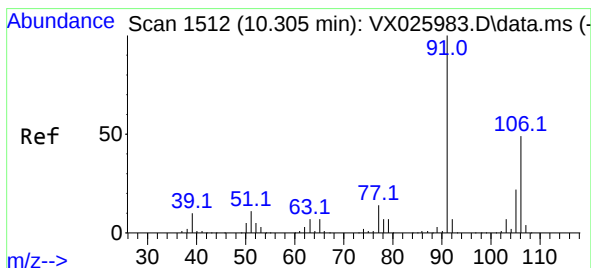
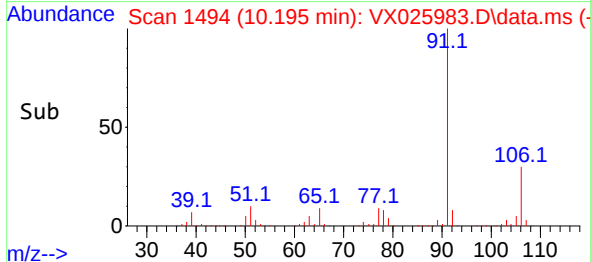
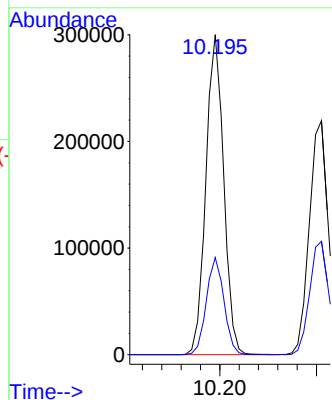
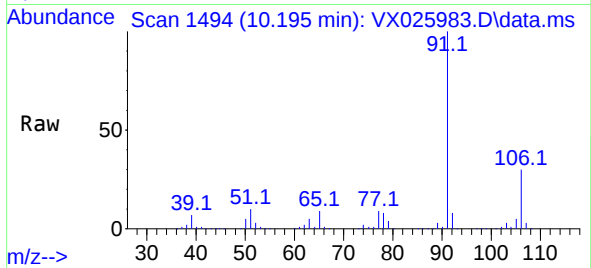




#52
Ethylbenzene
Concen: 50.903 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

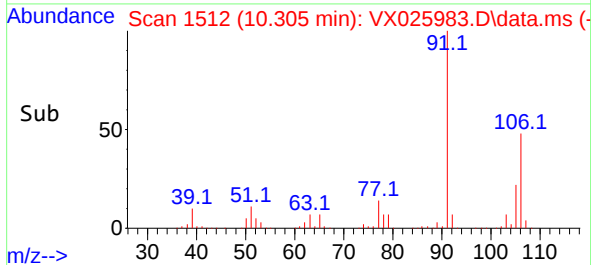
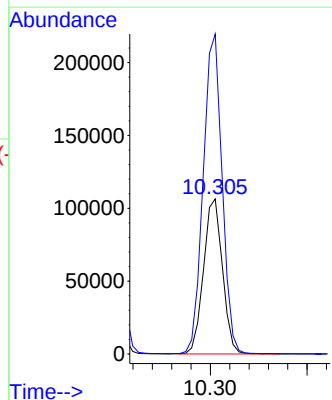
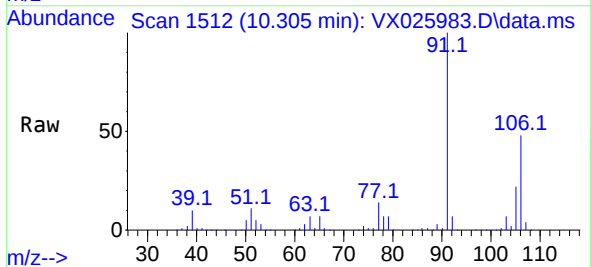
Instrument :
MSVOA_X
ClientSampleId :

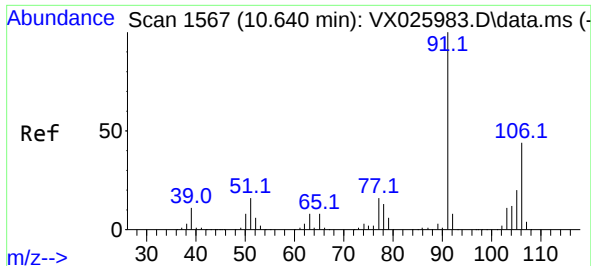
Tgt Ion: 91 Resp: 383361
Ion Ratio Lower Upper
91 100
106 30.4 23.1 42.9



#53
m,p-Xylene
Concen: 48.889 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion:106 Resp: 144989
Ion Ratio Lower Upper
106 100
91 206.3 136.8 254.2

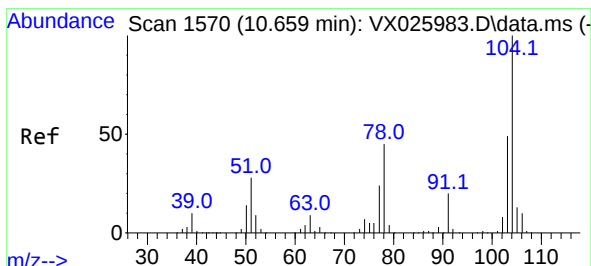
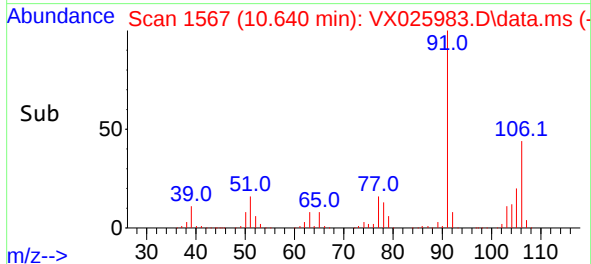
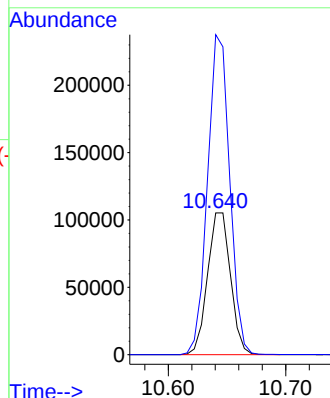
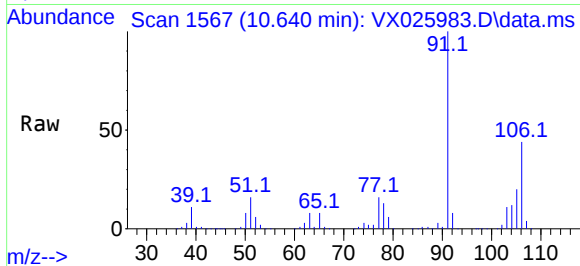




#54
o-Xylene
Concen: 49.631 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

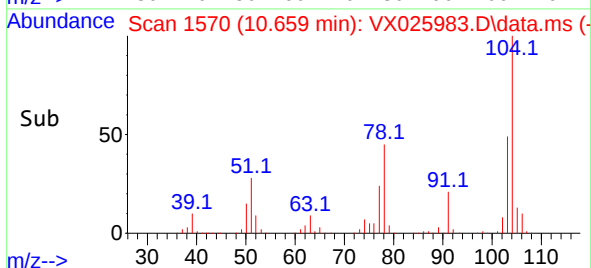
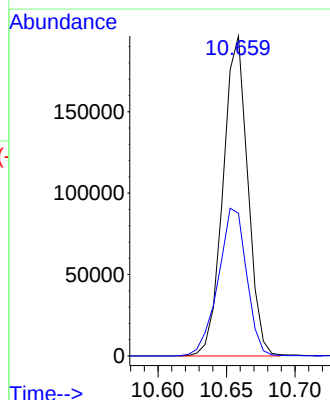
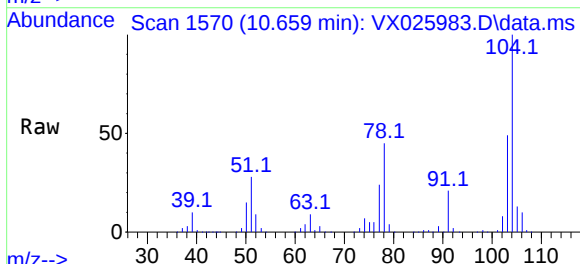
Instrument :
MSVOA_X
ClientSampleId :

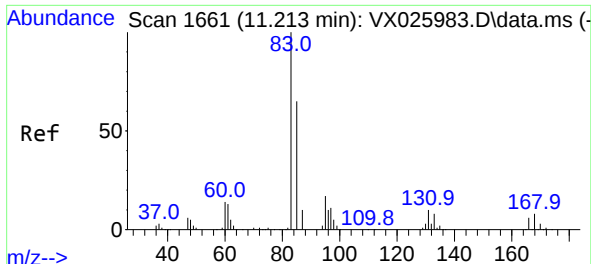
Tgt Ion:106 Resp: 142904
Ion Ratio Lower Upper
106 100
91 225.7 140.5 260.9



#55
Styrene
Concen: 50.790 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion:104 Resp: 246639
Ion Ratio Lower Upper
104 100
78 44.6 28.6 53.0

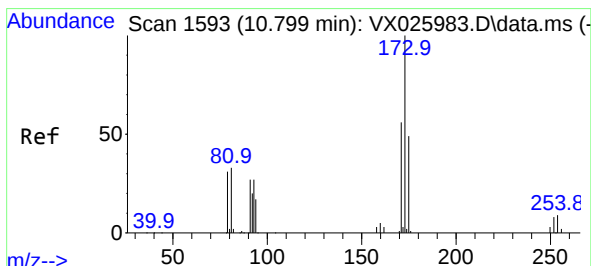
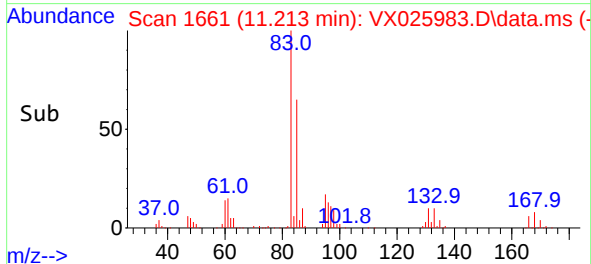
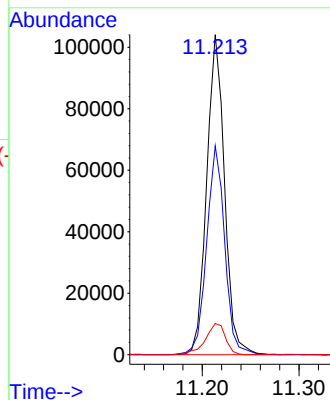
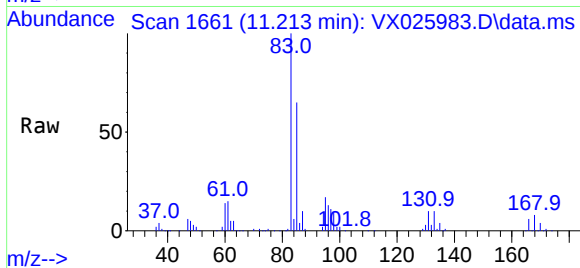




#57
1,1,2,2-Tetrachloroethane
Concen: 51.748 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

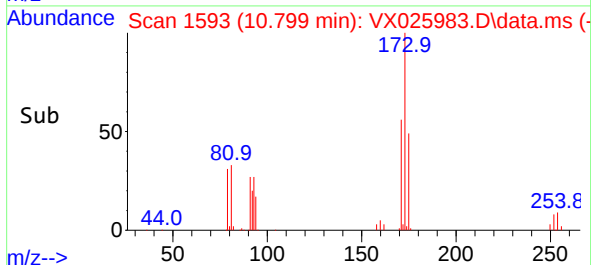
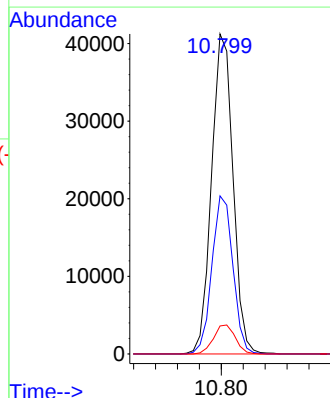
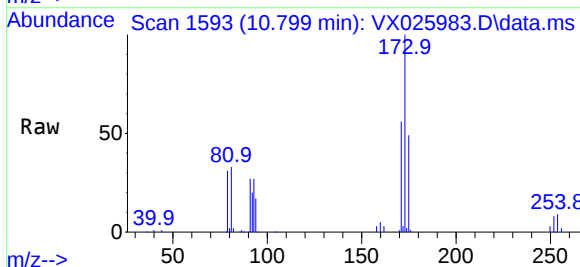
Instrument :
MSVOA_X
ClientSampleId :

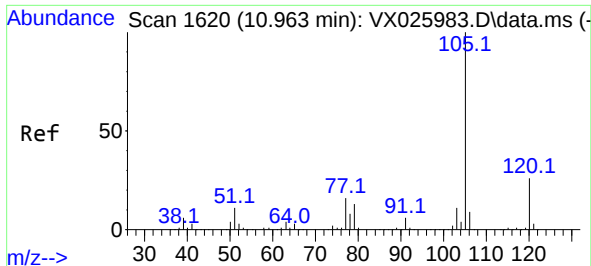
Tgt Ion: 83 Resp: 133589
Ion Ratio Lower Upper
83 100
85 65.2 47.0 87.2
131 9.8 8.5 12.7



#59
Bromoform
Concen: 47.595 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

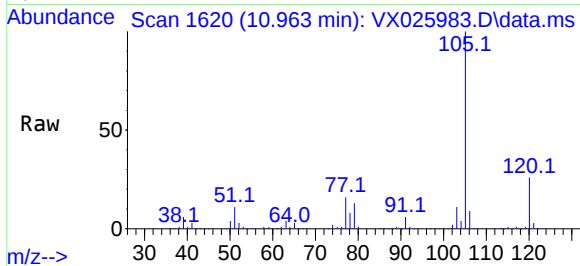
Tgt Ion: 173 Resp: 55979
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 9.2 7.7 11.5



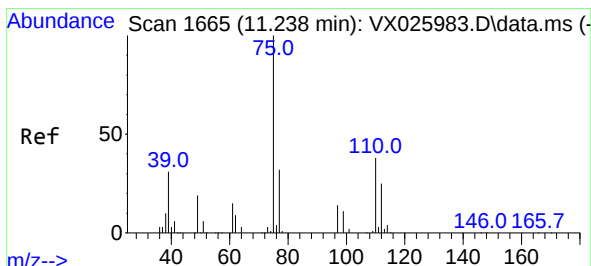
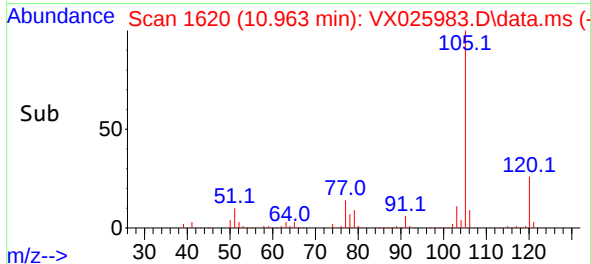
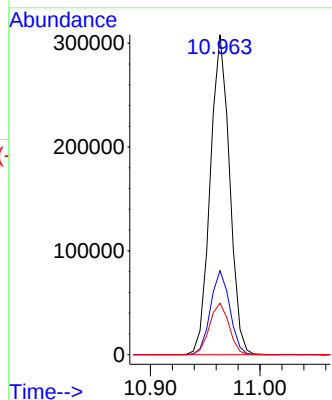


#60
Isopropylbenzene
Concen: 48.897 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :

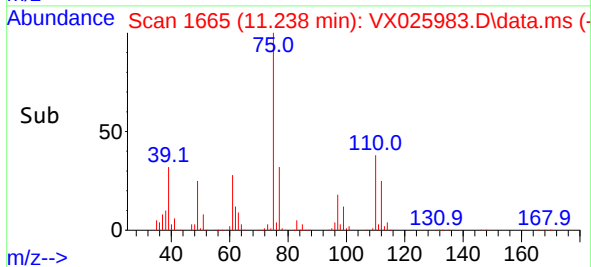
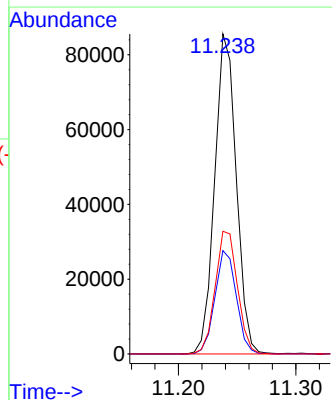
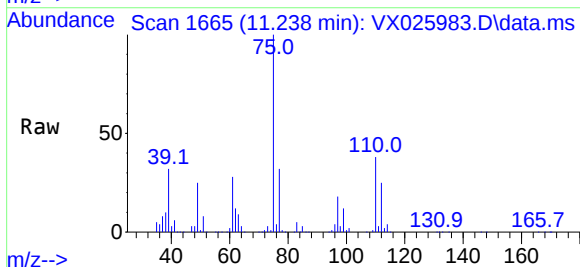


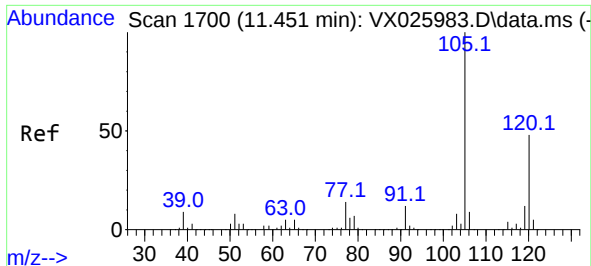
Tgt Ion:105 Resp: 376916
Ion Ratio Lower Upper
105 100
120 26.2 22.3 33.5
77 16.4 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 50.396 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion: 75 Resp: 109276
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 39.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 49.417 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

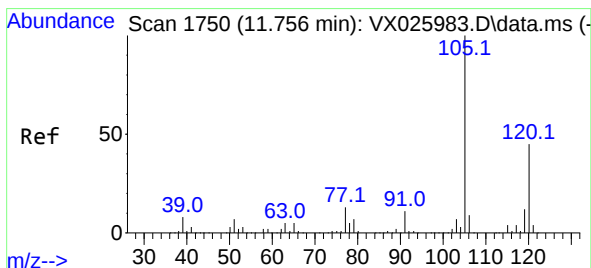
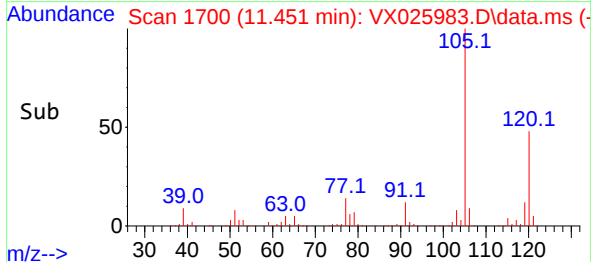
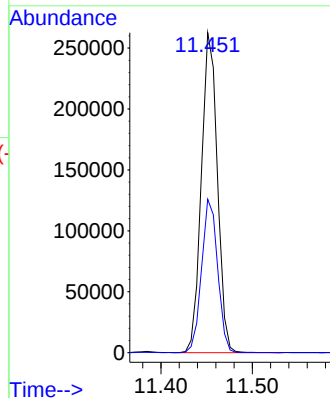
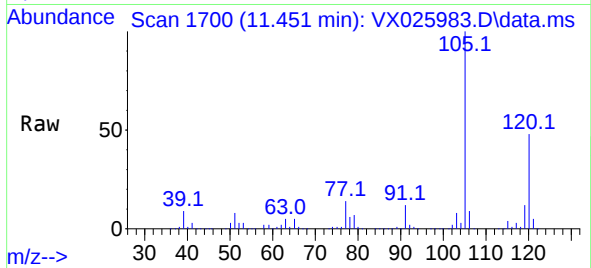
ClientSampleId :

Tgt Ion:105 Resp: 319640

Ion Ratio Lower Upper

105 100

120 48.0 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 49.524 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025983.D

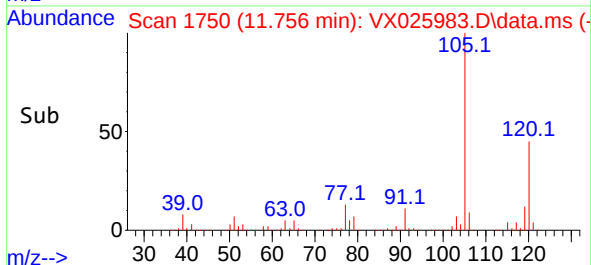
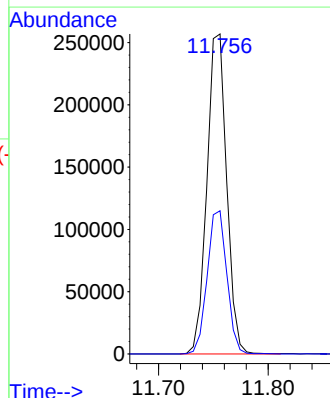
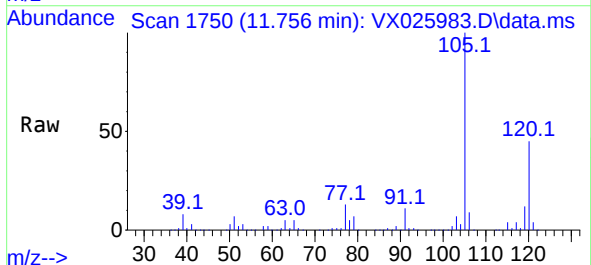
Acq: 23 Dec 2021 19:47

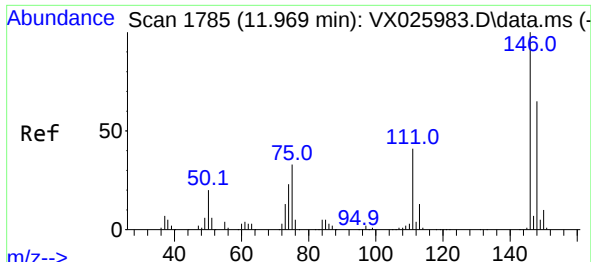
Tgt Ion:105 Resp: 320940

Ion Ratio Lower Upper

105 100

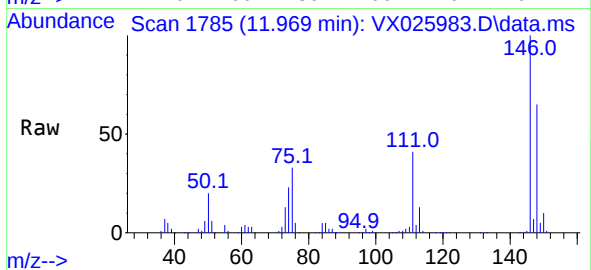
120 44.6 0.1 0.1#



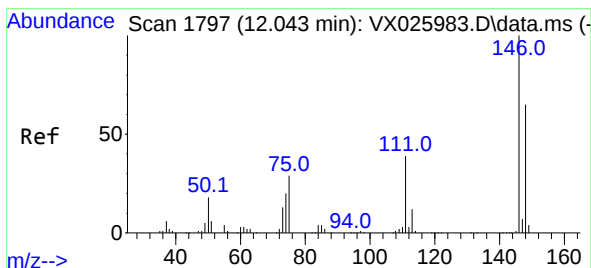
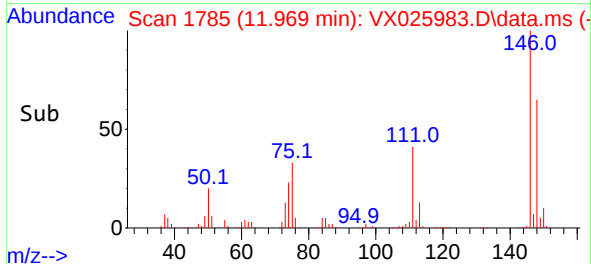
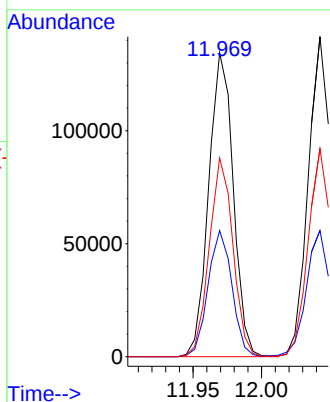


#64
1,3-Dichlorobenzene
Concen: 47.603 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :

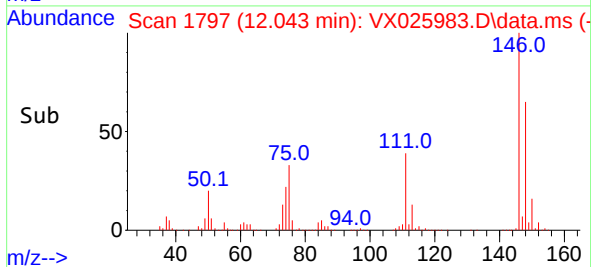
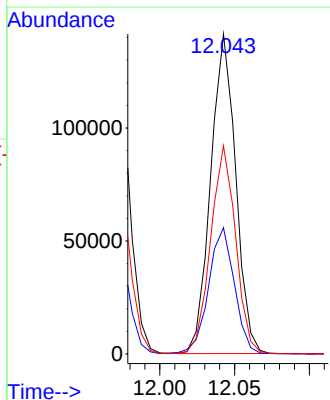
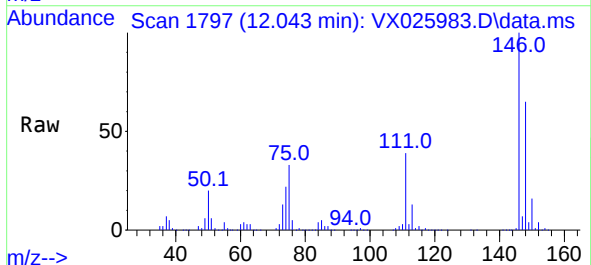


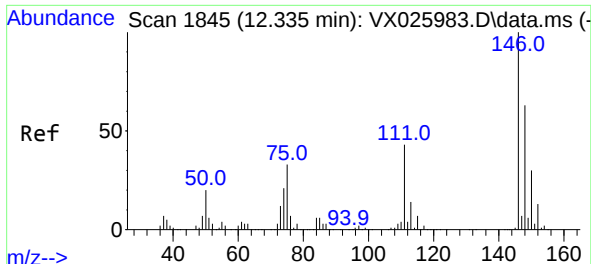
Tgt Ion:146 Resp: 167232
Ion Ratio Lower Upper
146 100
111 41.5 27.6 51.2
148 65.4 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 46.967 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion:146 Resp: 164566
Ion Ratio Lower Upper
146 100
111 39.4 26.5 49.3
148 65.1 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 47.639 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :

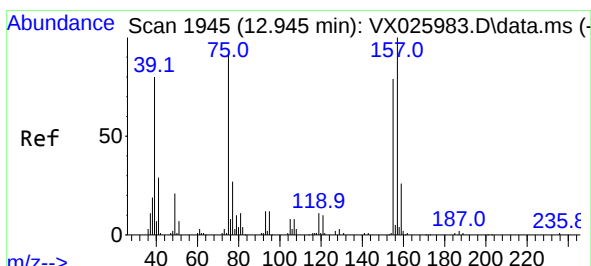
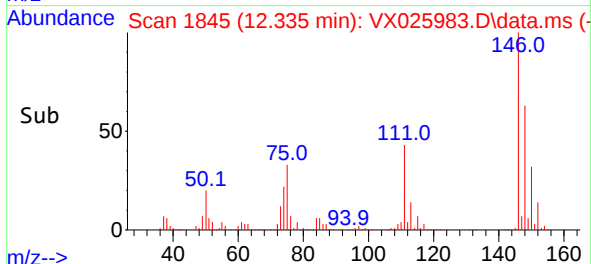
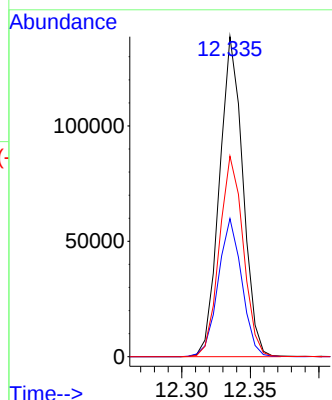
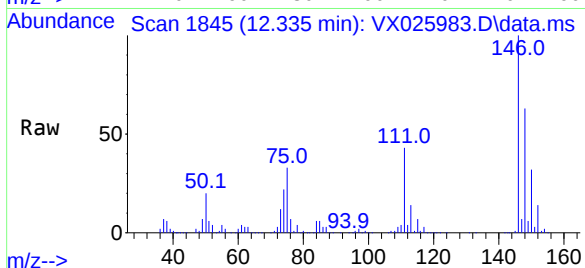
Tgt Ion:146 Resp: 165029

Ion Ratio Lower Upper

146 100

111 43.2 32.3 48.5

148 62.7 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 56.103 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

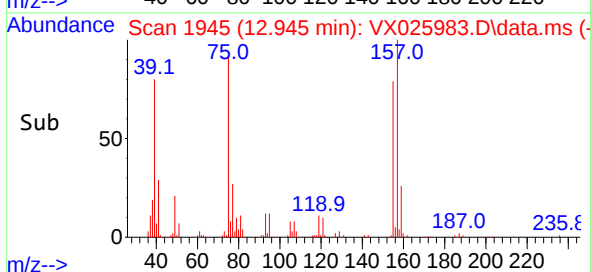
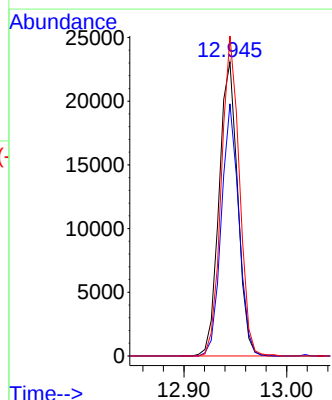
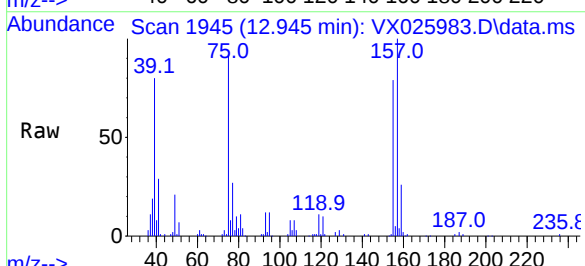
Tgt Ion: 75 Resp: 28998

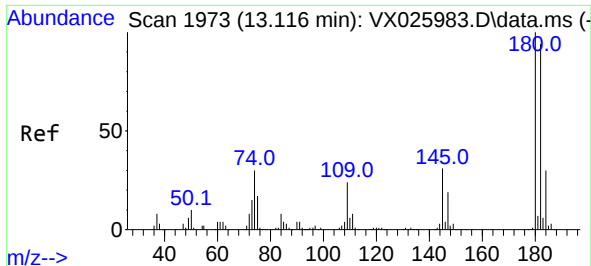
Ion Ratio Lower Upper

75 100

155 85.8 79.4 119.2

157 108.8 100.4 150.6





#69

1,3,5-Trichlorobenzene

Concen: 49.446 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

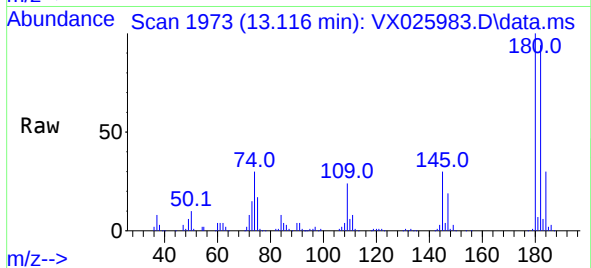
Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 113583

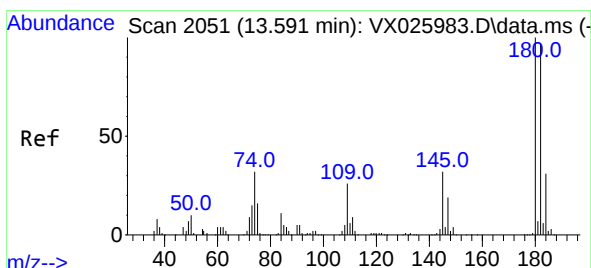
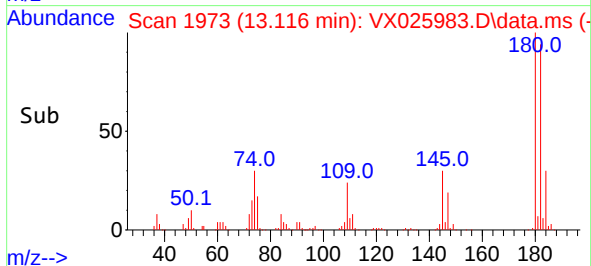
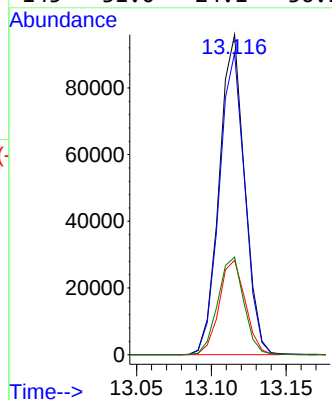
Ion Ratio Lower Upper

180 100

182 94.4 75.3 112.9

184 30.3 24.6 37.0

145 31.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 52.754 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX025983.D

Acq: 23 Dec 2021 19:47

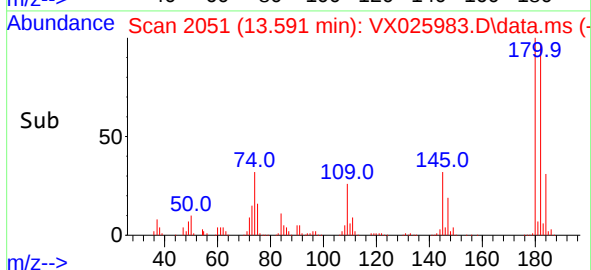
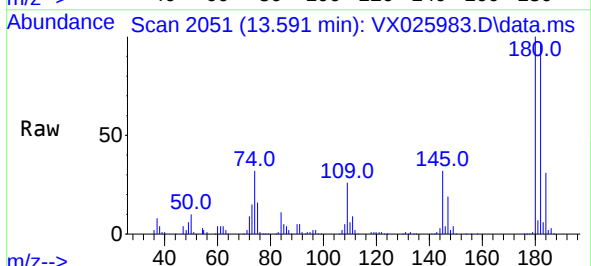
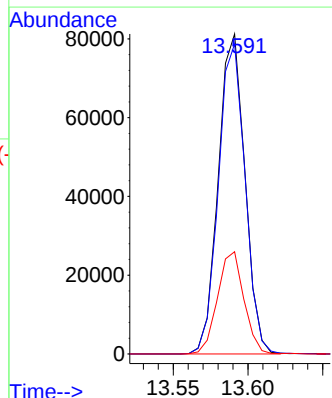
Tgt Ion:180 Resp: 100463

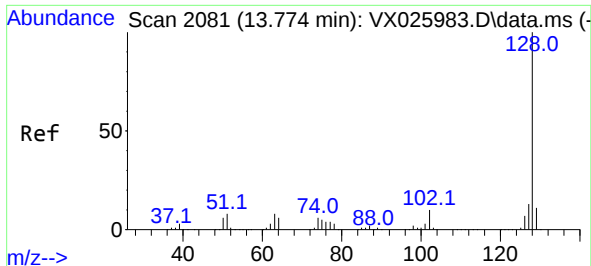
Ion Ratio Lower Upper

180 100

182 97.3 78.2 117.4

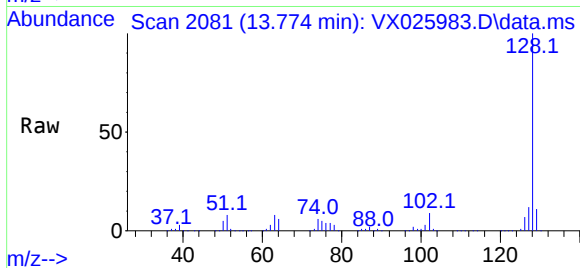
145 31.7 24.7 37.1



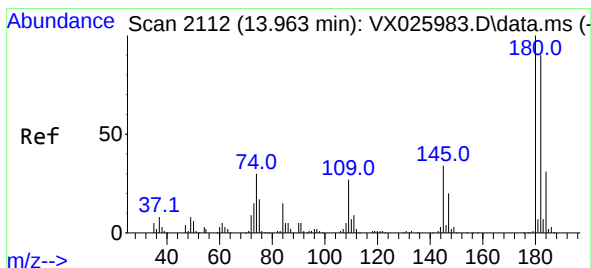
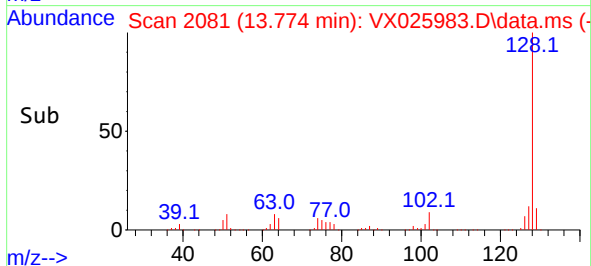
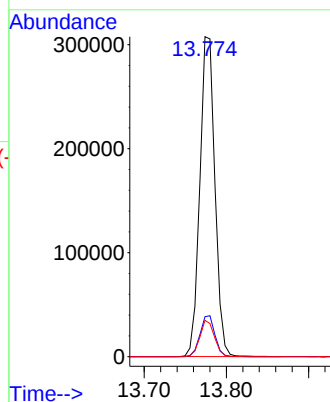


#71
Naphthalene
Concen: 59.819 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 391731
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.462 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025983.D
Acq: 23 Dec 2021 19:47

Tgt Ion:180 Resp: 103966
Ion Ratio Lower Upper
180 100
182 93.1 75.2 112.8
145 34.3 25.8 38.6

