

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039322.D
 Acq On : 18 Dec 2023 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 1.82/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 21:49:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 21:43:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	226781	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	212710	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71612	40.260	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.520%
7) Chloroethane-d5	1.666	69	54907	41.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.520%
11) 1,1-Dichloroethene-d2	2.306	65	38080	48.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.540%
21) 2-Butanone-d5	4.452	46	176267	109.475	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.470%
24) Chloroform-d	5.056	84	161374	51.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.500%
26) 1,2-Dichloroethane-d4	5.952	65	109095	53.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.000%
32) Benzene-d6	5.977	84	319651	48.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
36) 1,2-Dichloropropane-d6	7.306	67	103120	48.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.620%
41) Toluene-d8	8.647	98	286543	48.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
43) trans-1,3-Dichloroprop...	8.952	79	49896	46.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.820%
47) 2-Hexanone-d5	9.384	63	128776	102.057	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151137	50.430	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	97533	50.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95239	52.661	ug/L	99
3) Chloromethane	1.294	50	95793	50.676	ug/L	100
5) Vinyl chloride	1.374	62	90402	48.524	ug/L	100
6) Bromomethane	1.605	94	51926	51.637	ug/L	98
8) Chloroethane	1.685	64	50834	48.263	ug/L	99
9) Trichlorofluoromethane	1.886	101	127679	52.879	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	85690	55.171	ug/L	98
12) 1,1-Dichloroethene	2.319	96	78439	53.690	ug/L	92
13) Acetone	2.380	43	146558	94.750	ug/L	97
14) Carbon disulfide	2.514	76	227167	48.864	ug/L	98
15) Methyl Acetate	2.703	43	128894	58.299	ug/L	99
16) Methylene chloride	2.788	84	91151	54.304	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	80797	52.489	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	292514	54.593	ug/L	98
19) 1,1-Dichloroethane	3.611	63	164063	53.903	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	95061	53.243	ug/L	95
22) 2-Butanone	4.556	43	197950	104.277	ug/L	99
23) Bromochloromethane	4.904	128	43337	51.635	ug/L	98
25) Chloroform	5.093	83	167559	55.194	ug/L	97

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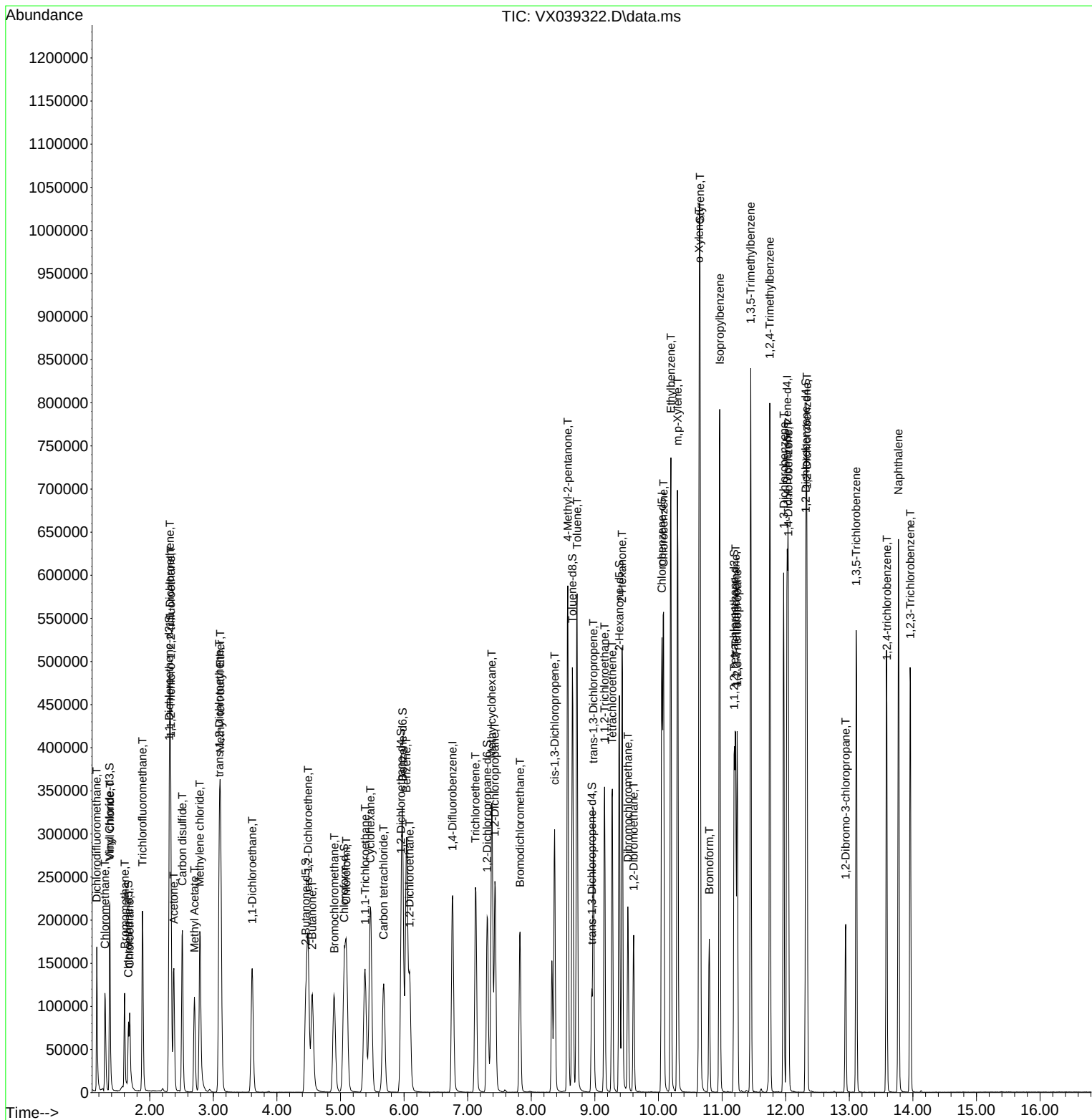
Instrument :
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 ClientSampleId :

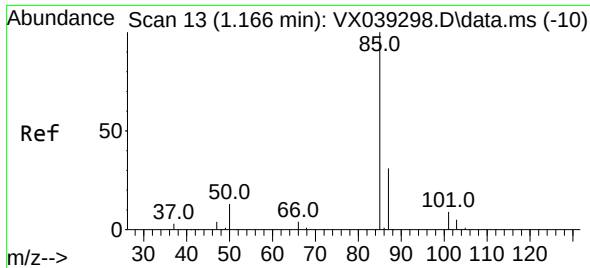
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	139184	58.089	ug/L #	93
29) Cyclohexane	5.471	56	151472	50.905	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	138132	53.522	ug/L	97
31) Carbon tetrachloride	5.678	117	111678	51.865	ug/L	99
33) Benzene	6.037	78	351833	52.048	ug/L	100
34) Trichloroethene	7.123	95	95963	53.718	ug/L	93
35) Methylcyclohexane	7.379	83	149916	50.388	ug/L	98
37) 1,2-Dichloropropane	7.427	63	97939	52.242	ug/L	100
38) Bromodichloromethane	7.824	83	120162	52.697	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	150705	50.402	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	349472	111.226	ug/L	98
42) Toluene	8.720	91	372891	52.020	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	141994	51.174	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	90205	52.504	ug/L	99
46) Tetrachloroethene	9.275	164	60658	51.472	ug/L	97
48) 2-Hexanone	9.427	43	281224	106.940	ug/L	99
49) Dibromochloromethane	9.519	129	85563	51.121	ug/L	99
50) 1,2-Dibromoethane	9.610	107	97415	52.925	ug/L	99
51) Chlorobenzene	10.079	112	229259	51.778	ug/L	97
52) Ethylbenzene	10.195	91	417472	52.095	ug/L	99
53) m,p-Xylene	10.299	106	153637	51.277	ug/L	94
54) o-Xylene	10.640	106	149063	51.847	ug/L	99
55) Styrene	10.653	104	256855	52.214	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	157543	52.543	ug/L	98
59) Bromoform	10.799	173	58245	48.208	ug/L	99
60) Isopropylbenzene	10.963	105	406033	54.053	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	127724	56.717	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	345541	54.486	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	338598	54.450	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	170325	52.975	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	172544	52.959	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	163398	53.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	39677	56.454	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	109867	51.671	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	105501	52.632	ug/L	97
71) Naphthalene	13.774	128	369751	53.786	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	102364	52.741	ug/L	100

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

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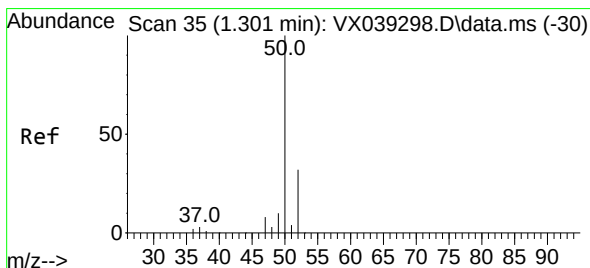
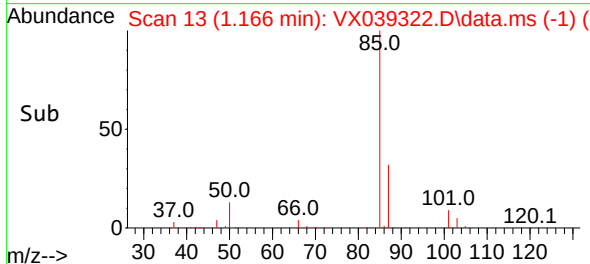
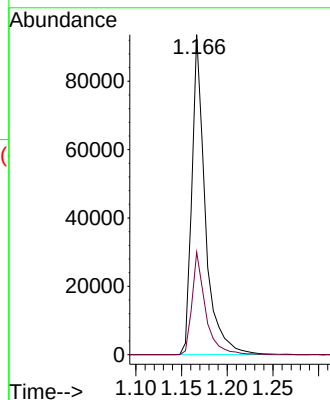
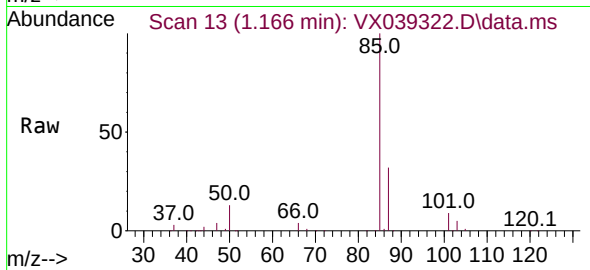




#2
Dichlorodifluoromethane
Concen: 52.661 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

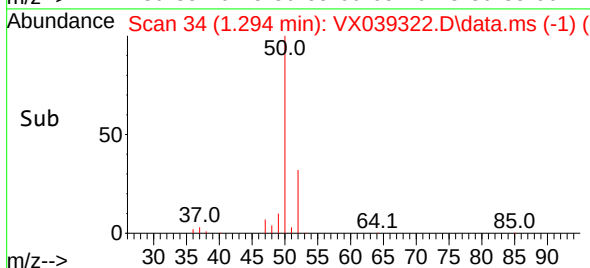
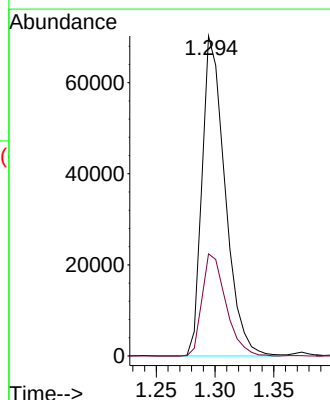
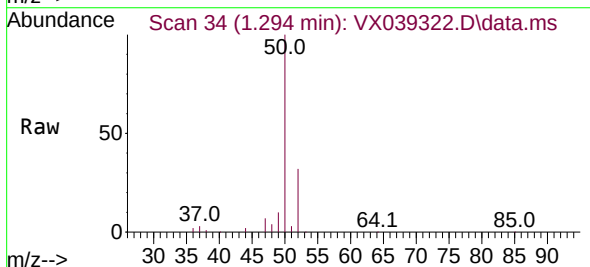
Instrument :
MSVOA_X
ClientSampleId :

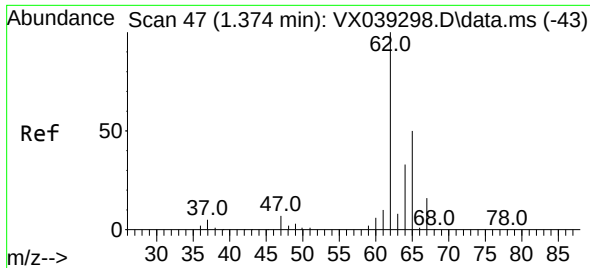
Tgt Ion: 85 Resp: 95239
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 50.676 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion: 50 Resp: 95793
Ion Ratio Lower Upper
50 100
52 31.9 22.4 41.6

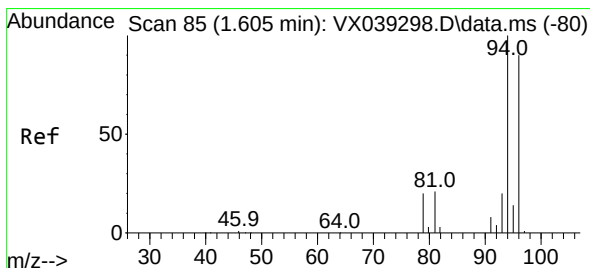
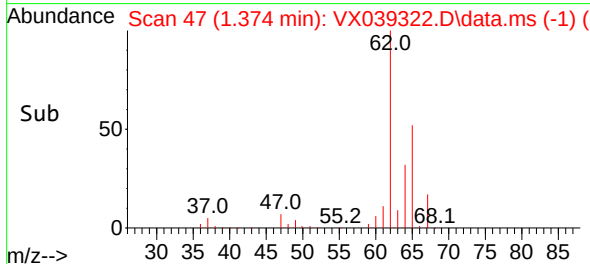
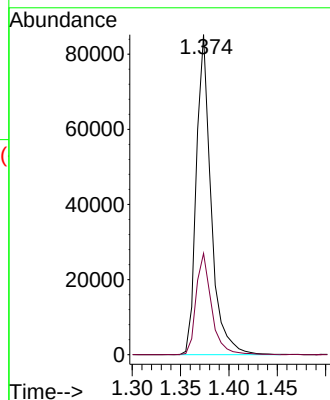
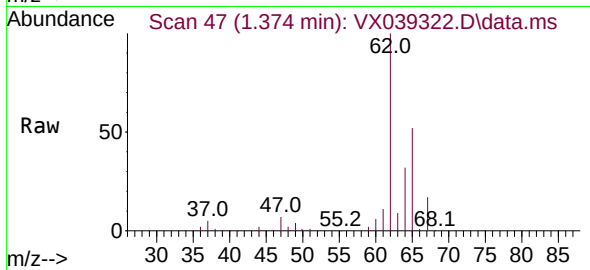




#5
 Vinyl chloride
 Concen: 48.524 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039322.D
 Acq: 18 Dec 2023 19:18

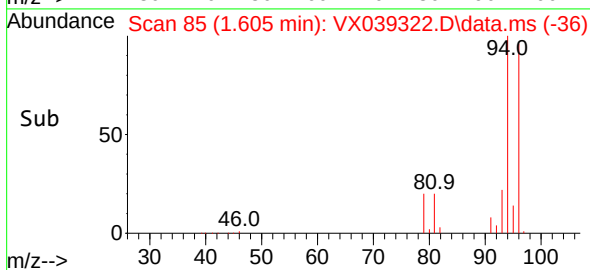
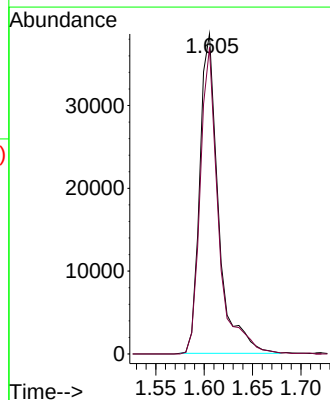
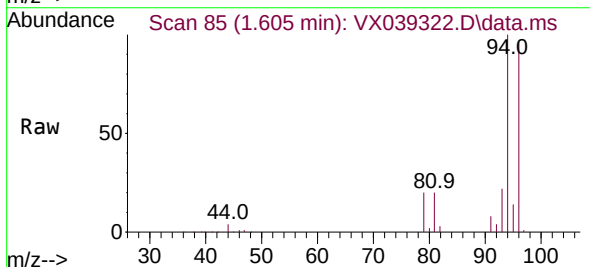
Instrument :
 MSVOA_X
 ClientSampleId :

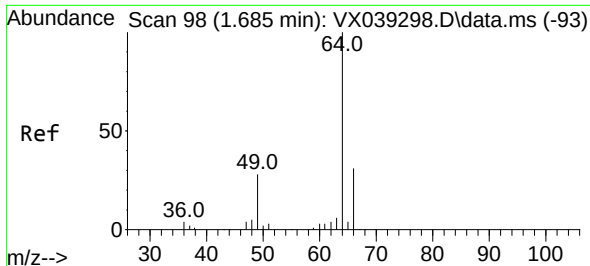
Tgt Ion: 62 Resp: 90402
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.3 41.3



#6
 Bromomethane
 Concen: 51.637 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX039322.D
 Acq: 18 Dec 2023 19:18

Tgt Ion: 94 Resp: 51926
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.8 122.2

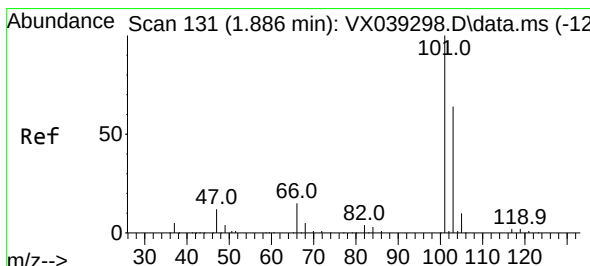
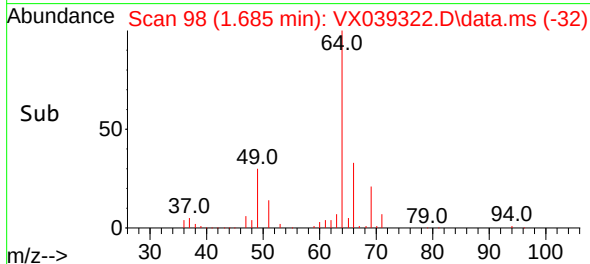
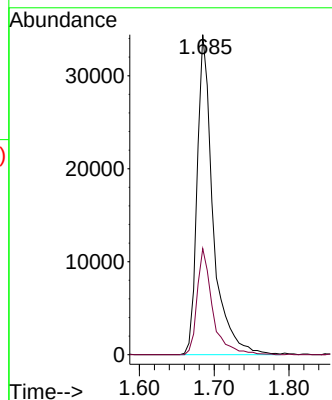
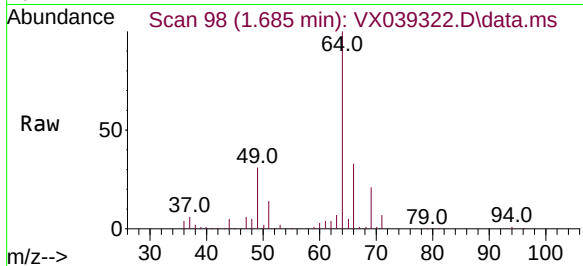




#8
Chloroethane
Concen: 48.263 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

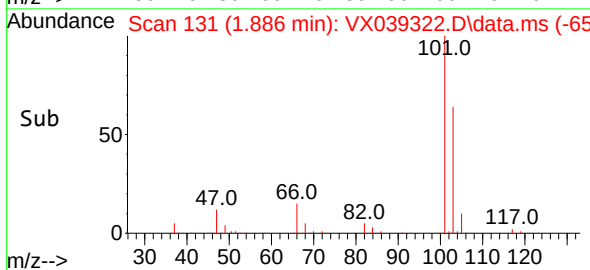
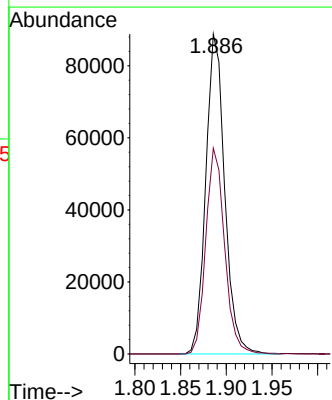
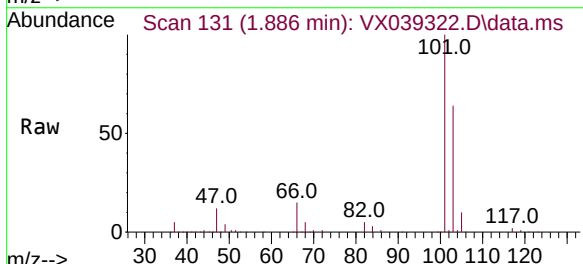
Instrument :
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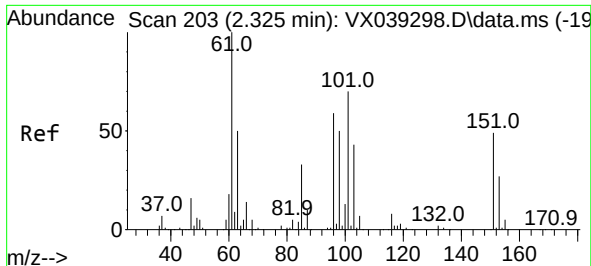
Tgt Ion: 64 Resp: 50834
Ion Ratio Lower Upper
64 100
66 33.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 52.879 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion:101 Resp: 127679
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 55.171 ug/L

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

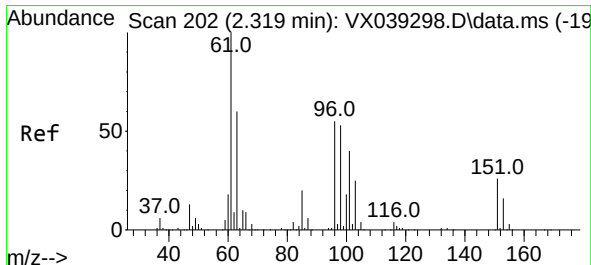
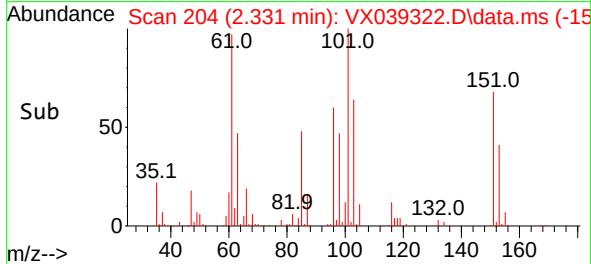
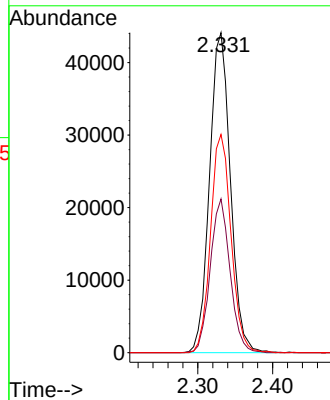
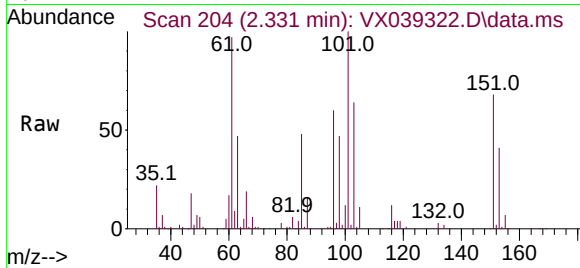
Tgt Ion:101 Resp: 85690

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.6

151 66.9 55.4 83.2



#12

1,1-Dichloroethene

Concen: 53.690 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

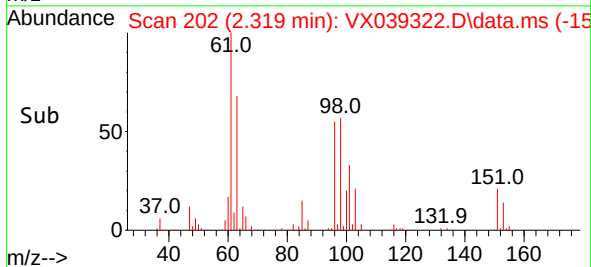
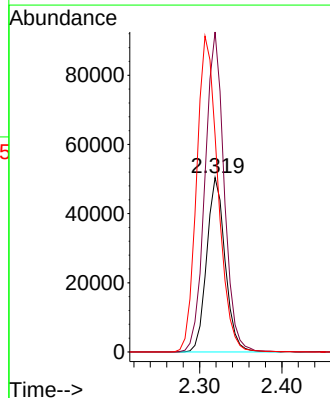
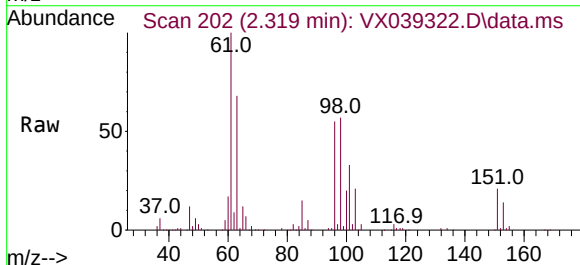
Tgt Ion: 96 Resp: 78439

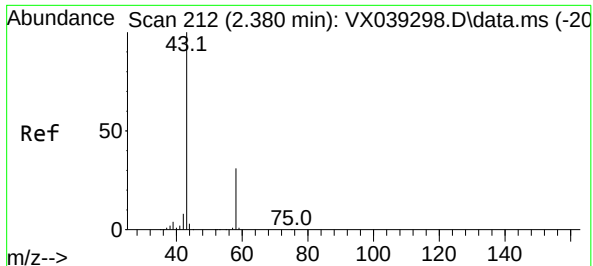
Ion Ratio Lower Upper

96 100

61 183.4 128.0 237.6

63 124.2 101.5 188.5





#13

Acetone

Concen: 94.750 ug/L

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039322.D

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Instrument :

MSVOA_X

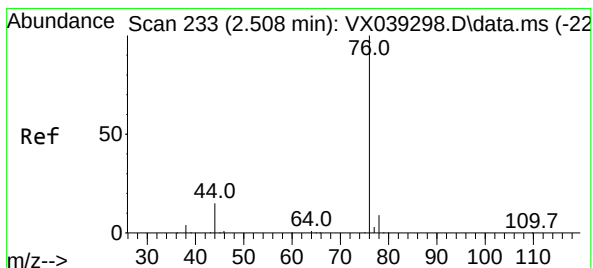
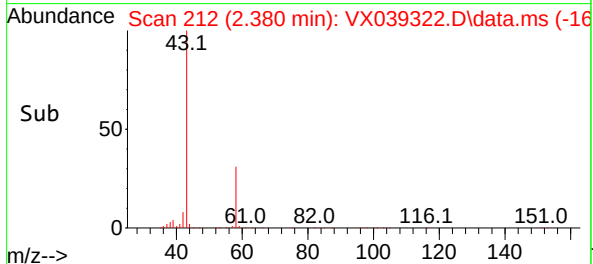
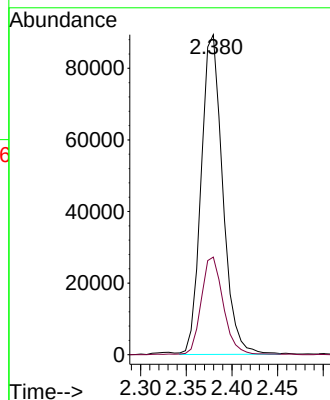
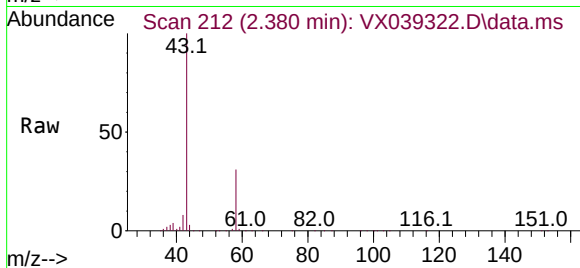
ClientSampleId :

Tgt Ion: 43 Resp: 146558

Ion Ratio Lower Upper

43 100

58 31.2 0.0 65.8



#14

Carbon disulfide

Concen: 48.864 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX039322.D

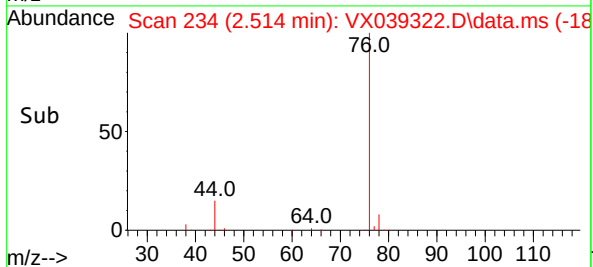
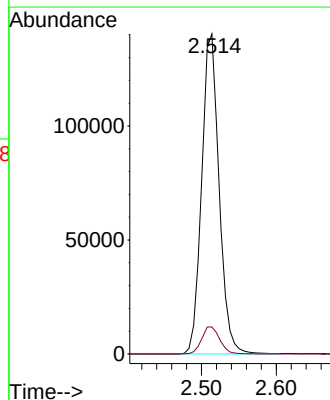
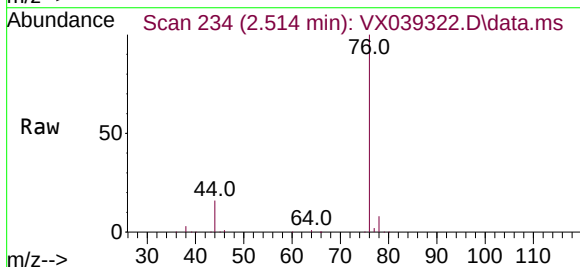
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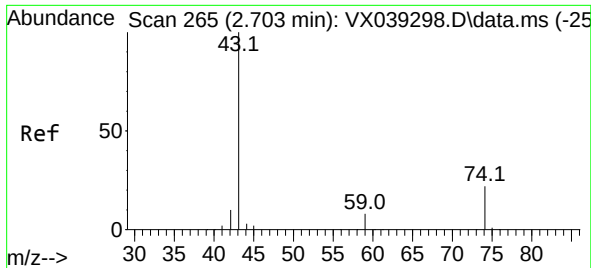
Tgt Ion: 76 Resp: 227167

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2

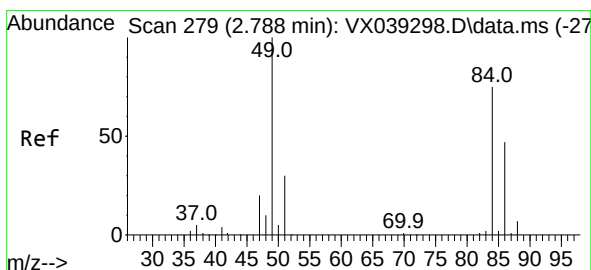
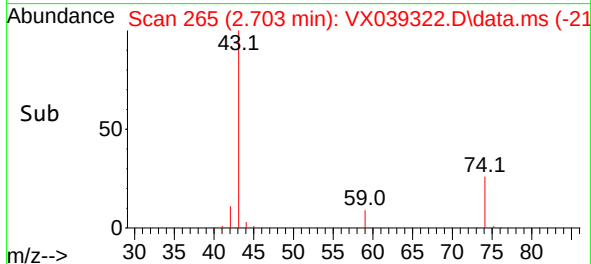
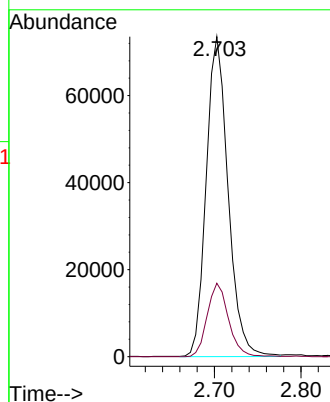
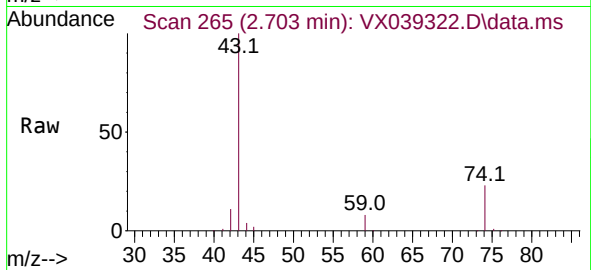




#15
Methyl Acetate
Concen: 58.299 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

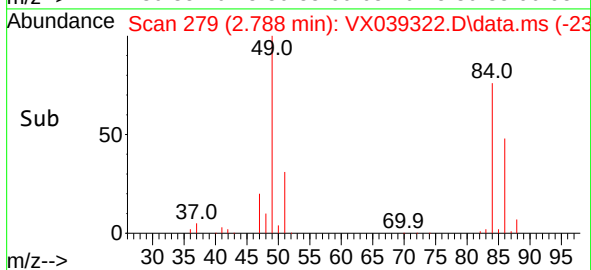
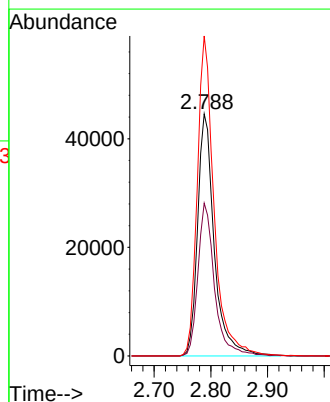
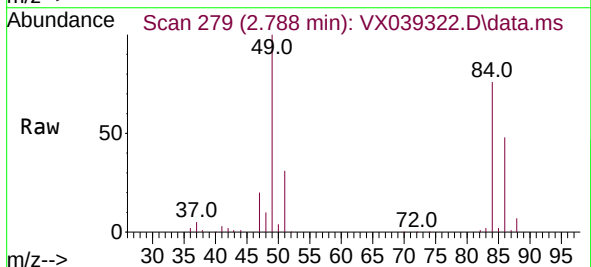
Instrument :
MSVOA_X
ClientSampleId :

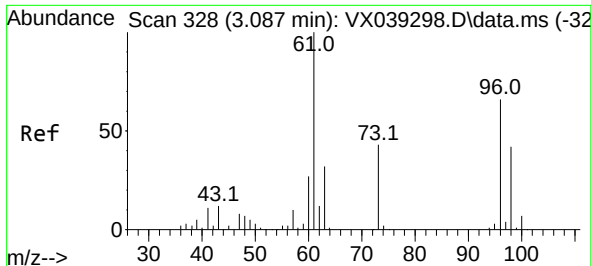
Tgt Ion: 43 Resp: 128894
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.4



#16
Methylene chloride
Concen: 54.304 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion: 84 Resp: 91151
Ion Ratio Lower Upper
84 100
86 63.1 44.7 82.9
49 132.2 90.9 168.7

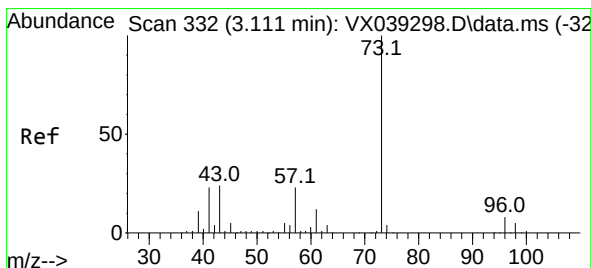
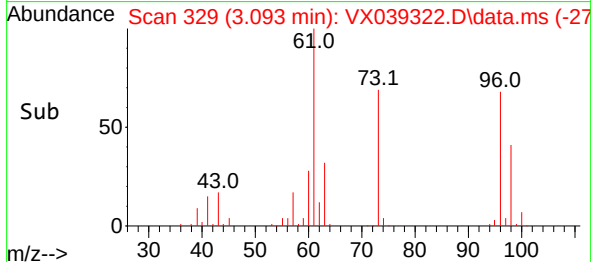
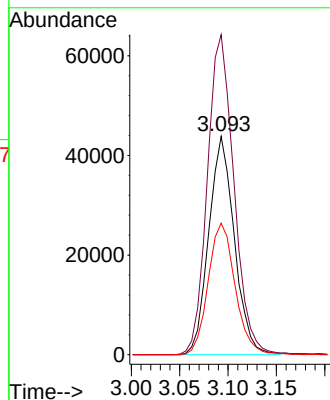
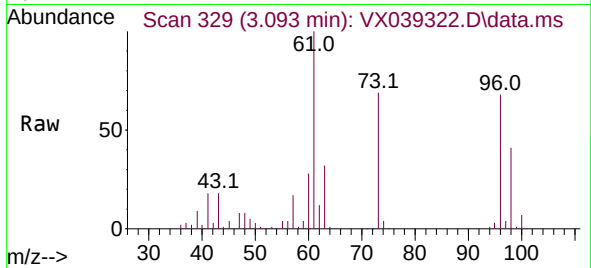




#17
trans-1,2-Dichloroethene
Concen: 52.489 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

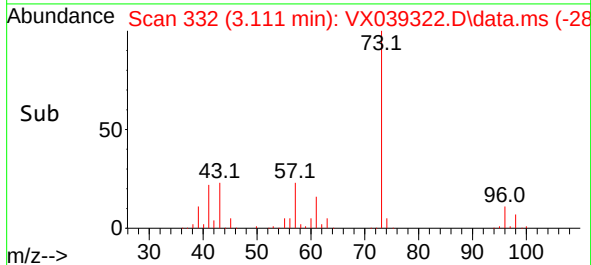
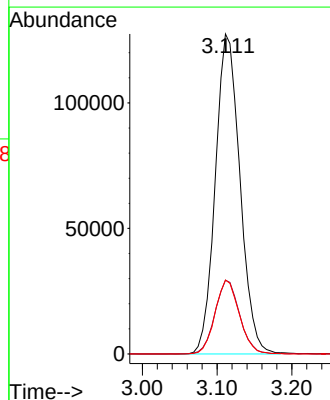
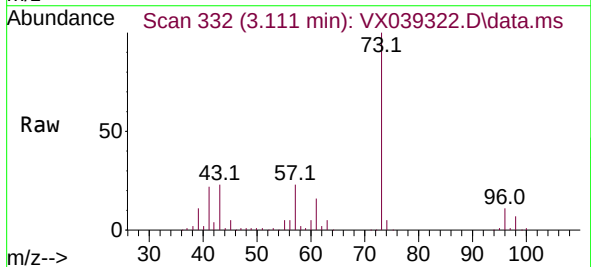
Instrument :
MSVOA_X
ClientSampleId :

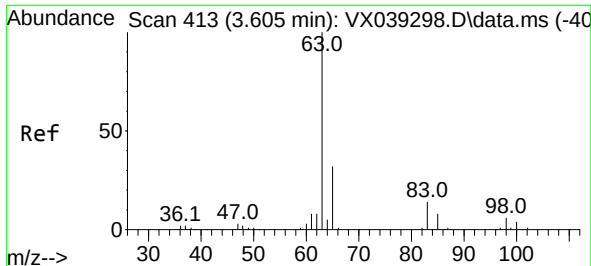
Tgt Ion: 96 Resp: 80797
Ion Ratio Lower Upper
96 100
61 146.6 99.8 185.3
98 60.2 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 54.593 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion: 73 Resp: 292514
Ion Ratio Lower Upper
73 100
43 23.0 16.9 25.3
57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 53.903 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

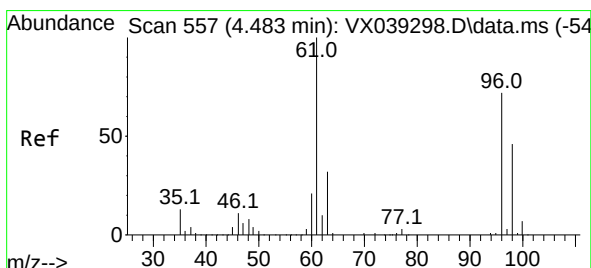
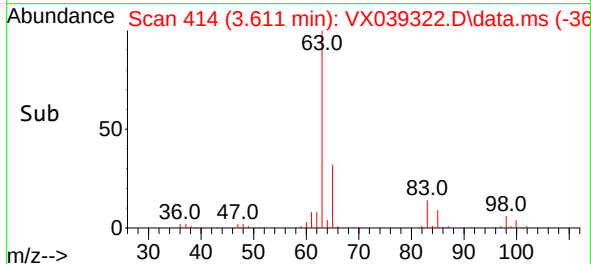
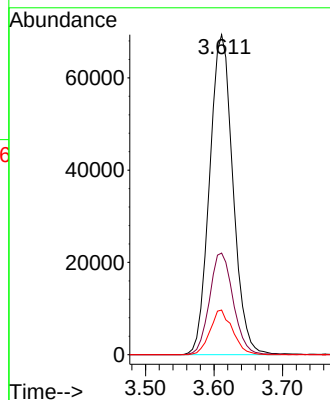
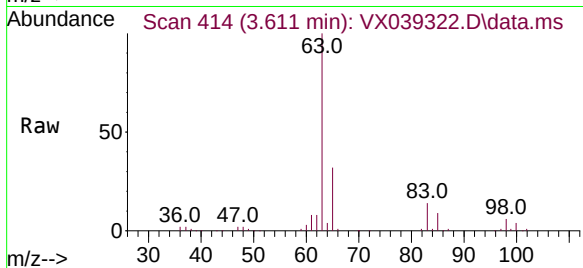
Tgt Ion: 63 Resp: 164063

Ion Ratio Lower Upper

63 100

65 31.7 21.1 39.3

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 53.243 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

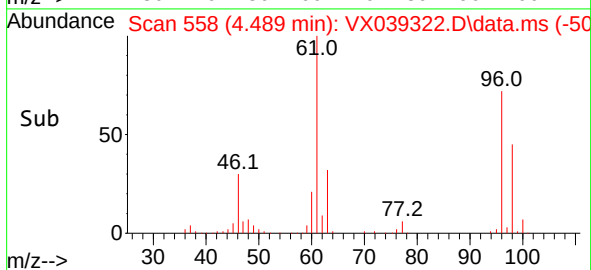
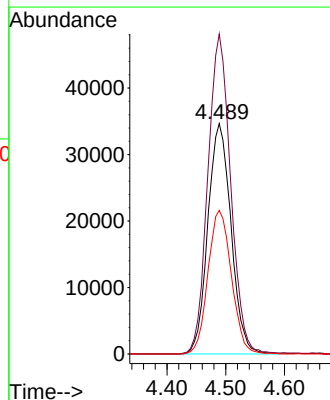
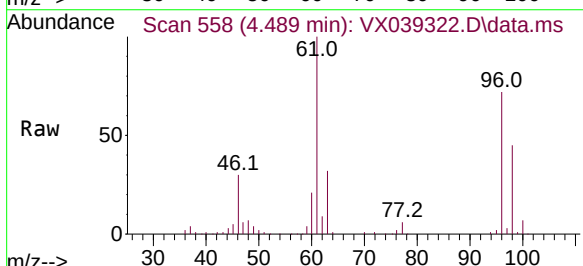
Tgt Ion: 96 Resp: 95061

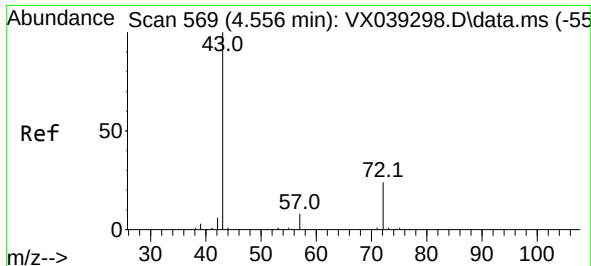
Ion Ratio Lower Upper

96 100

61 138.9 91.7 170.3

98 62.3 44.2 82.2

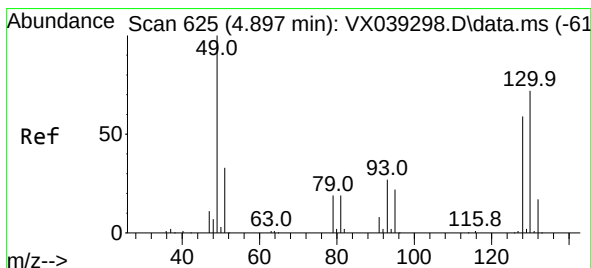
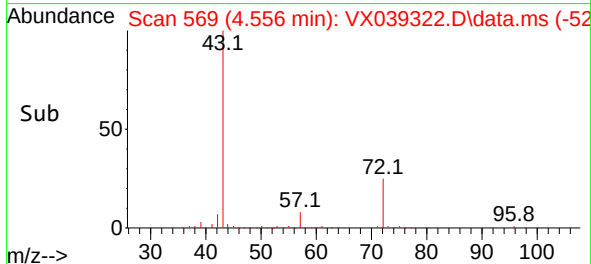
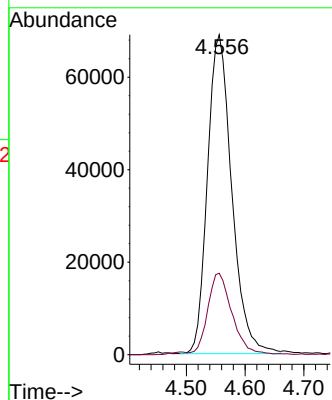
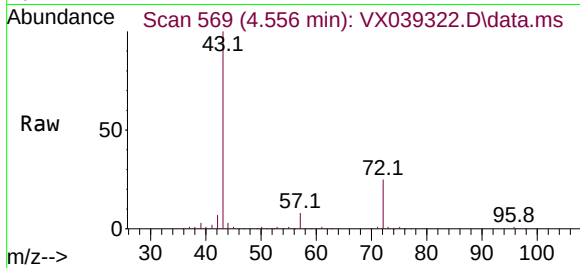




#22
2-Butanone
Concen: 104.277 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

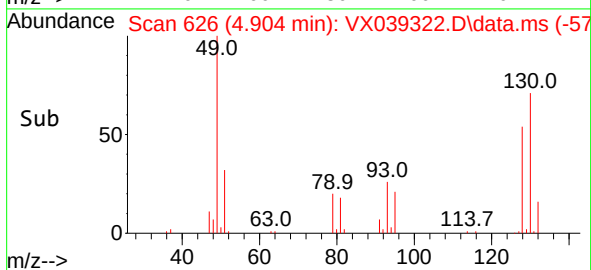
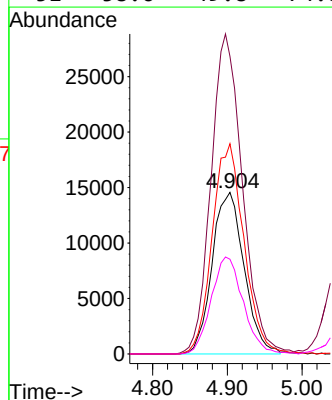
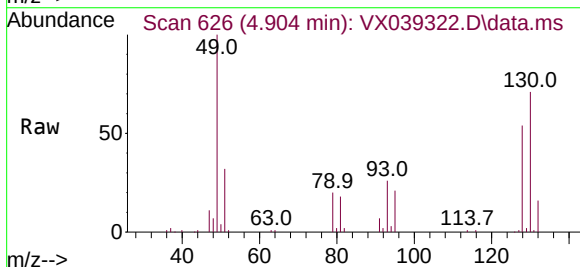
Instrument :
MSVOA_X
ClientSampleId :

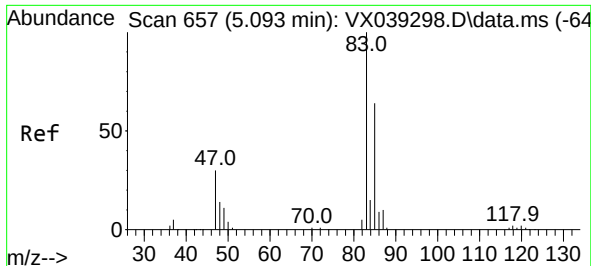
Tgt Ion: 43 Resp: 197950
Ion Ratio Lower Upper
43 100
72 25.5 12.6 37.6



#23
Bromochloromethane
Concen: 51.635 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion:128 Resp: 43337
Ion Ratio Lower Upper
128 100
49 184.2 130.8 243.0
130 130.1 90.6 168.3
51 58.6 49.8 74.8

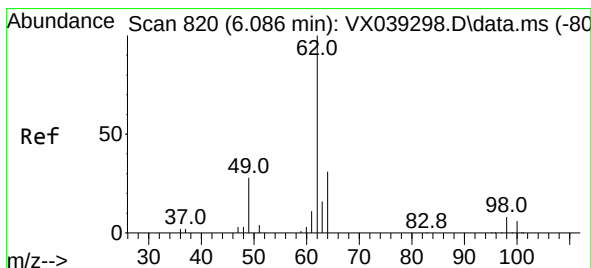
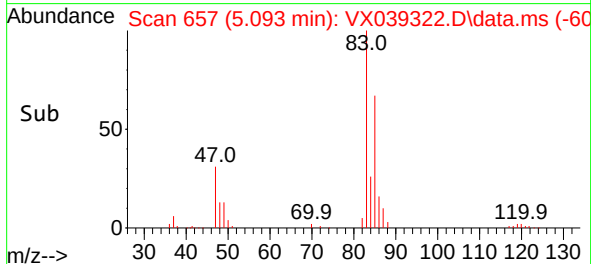
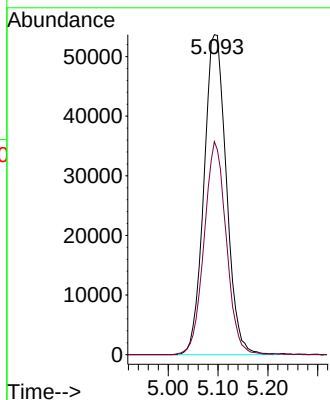
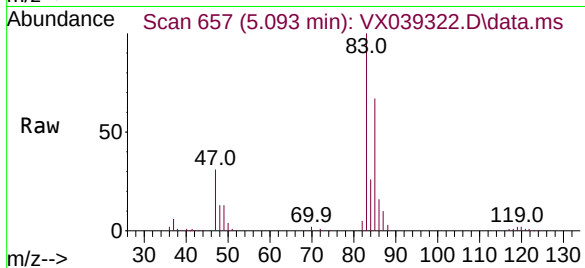




#25
Chloroform
Concen: 55.194 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

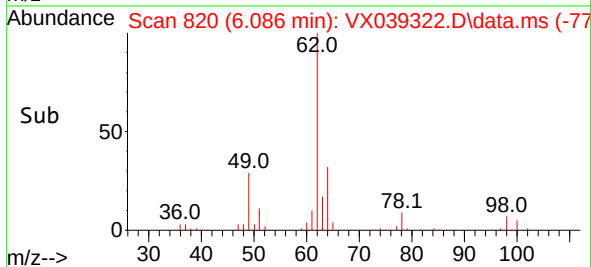
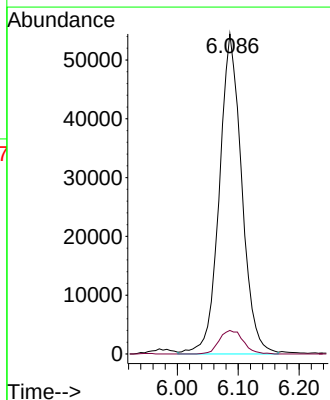
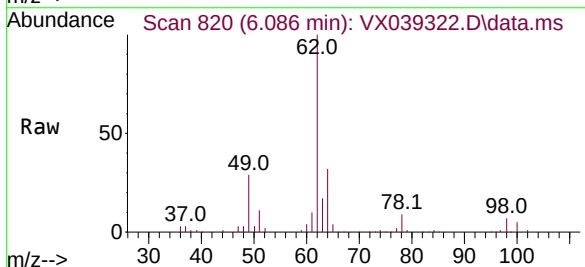
Instrument :
MSVOA_X
ClientSampleId :

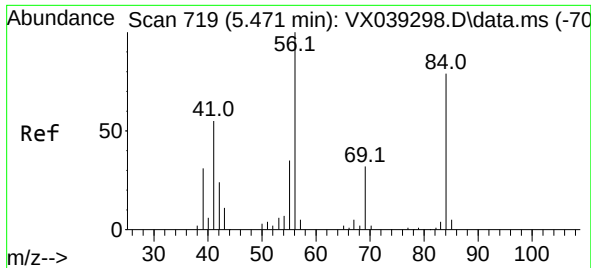
Tgt Ion: 83 Resp: 167559
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 58.089 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion: 62 Resp: 139184
Ion Ratio Lower Upper
62 100
98 7.4 8.0 12.0#





#29

Cyclohexane

Concen: 50.905 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

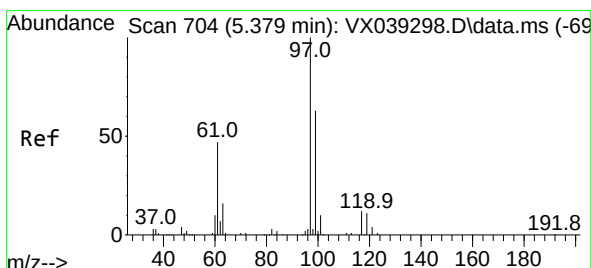
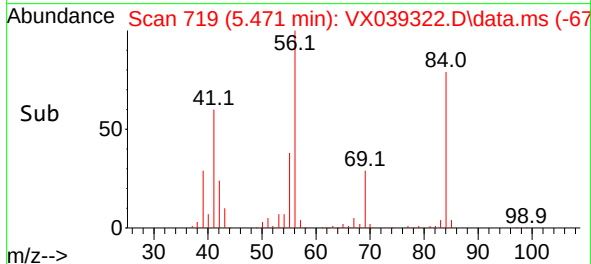
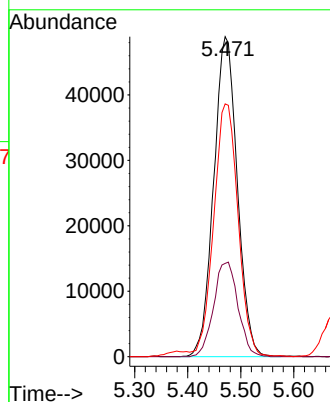
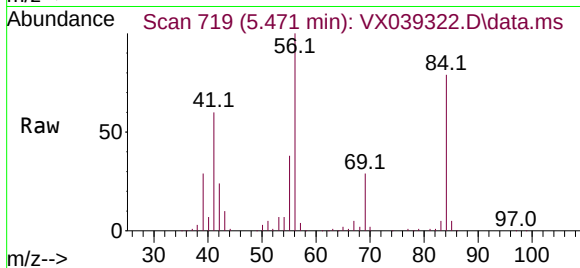
Tgt Ion: 56 Resp: 151472

Ion Ratio Lower Upper

56 100

69 30.4 24.5 36.7

84 80.8 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 53.522 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

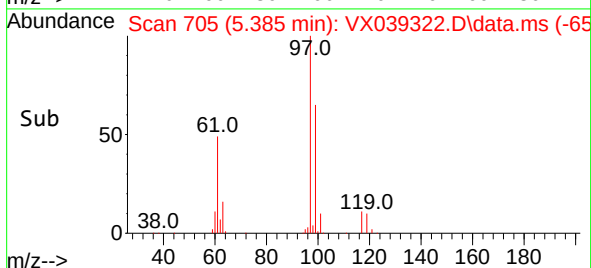
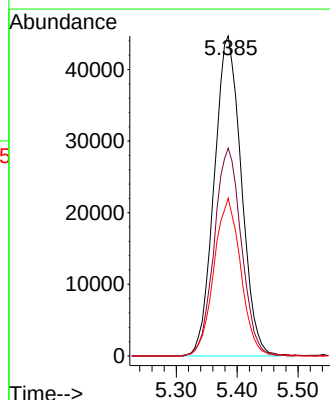
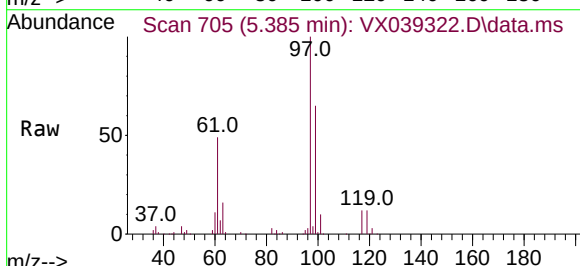
Tgt Ion: 97 Resp: 138132

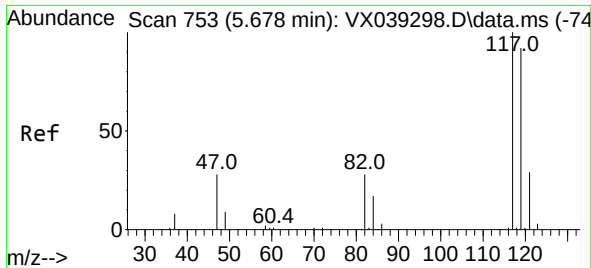
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 48.6 36.7 55.1

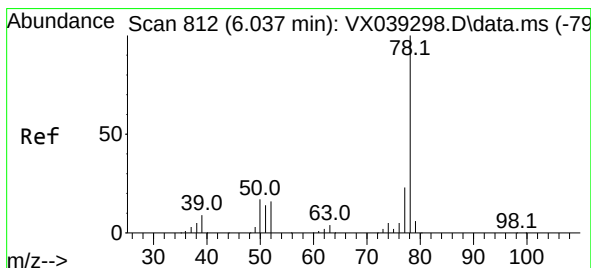
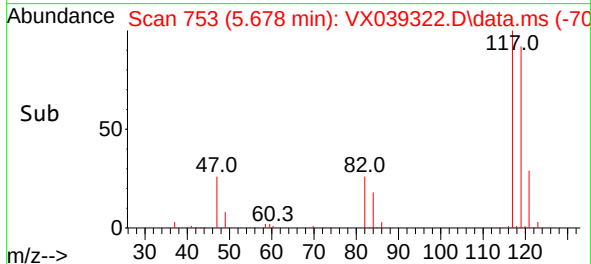
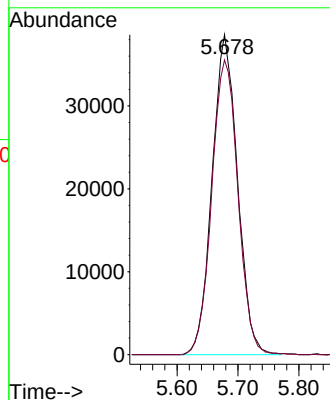
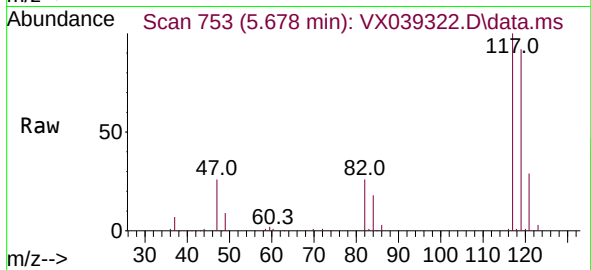




#31
Carbon tetrachloride
Concen: 51.865 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

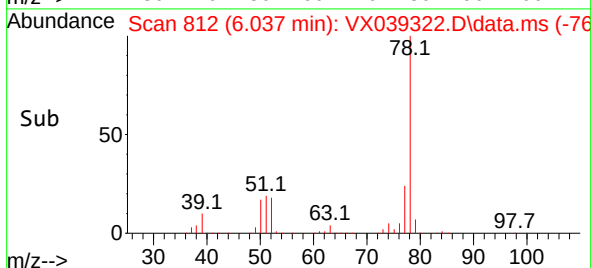
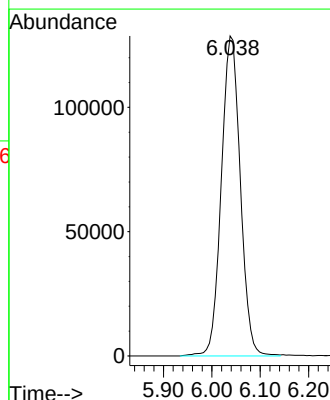
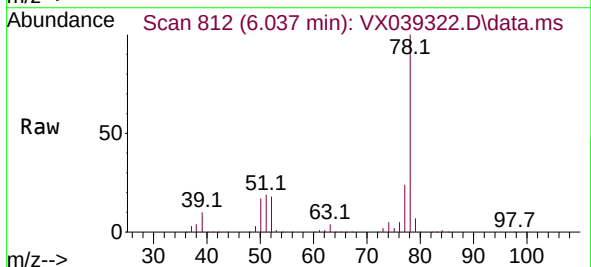
Instrument :
MSVOA_X
ClientSampleId :

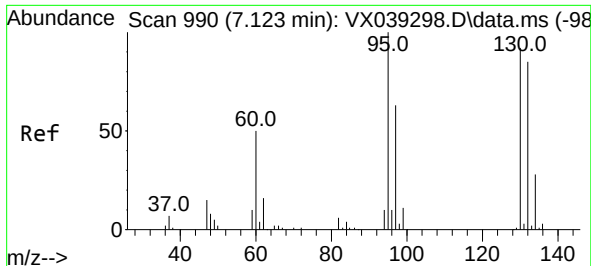
Tgt Ion:117 Resp: 111678
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 52.048 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

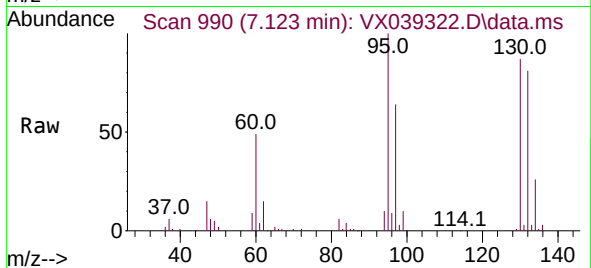
Tgt Ion: 78 Resp: 351833



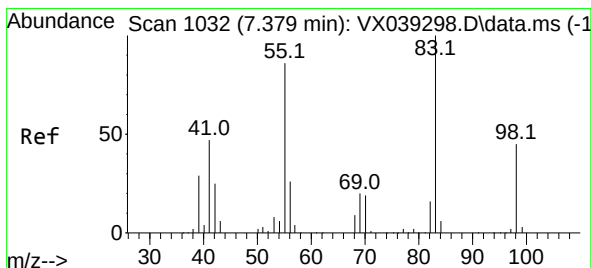
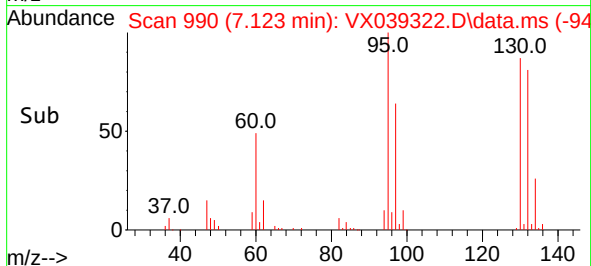
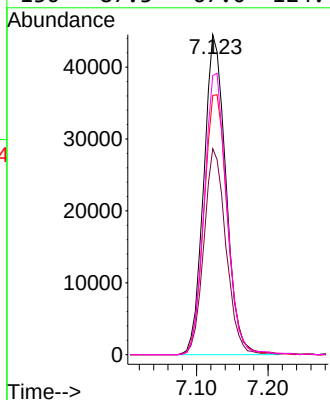


#34
Trichloroethene
Concen: 53.718 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :

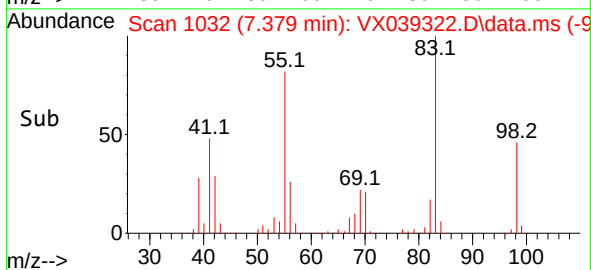
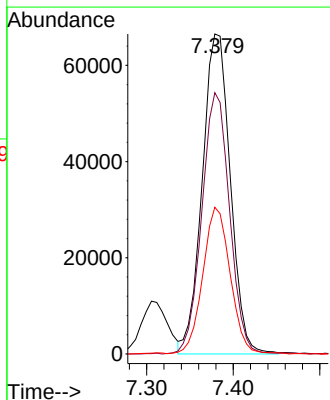
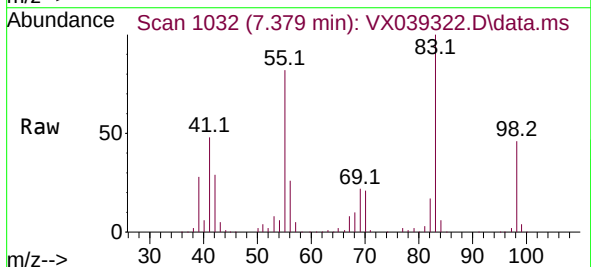


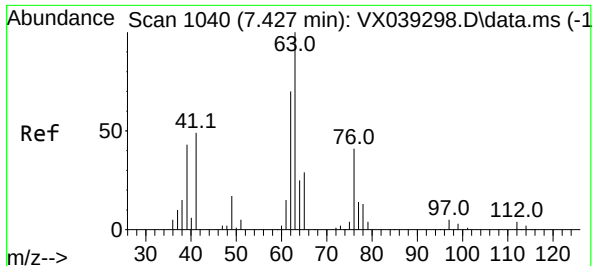
Tgt Ion:	95	Resp:	95963
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.5	84.5
132	81.0	62.2	115.4
130	87.3	67.0	124.4



#35
Methylcyclohexane
Concen: 50.388 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion:	83	Resp:	149916
Ion	Ratio	Lower	Upper
83	100		
55	80.8	62.5	93.7
98	44.8	36.1	54.1





#37

1,2-Dichloropropane

Concen: 52.242 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

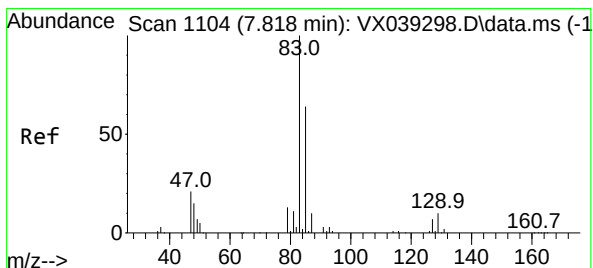
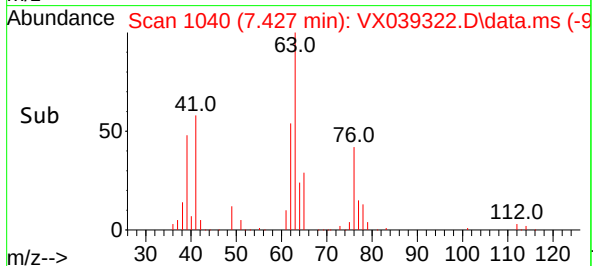
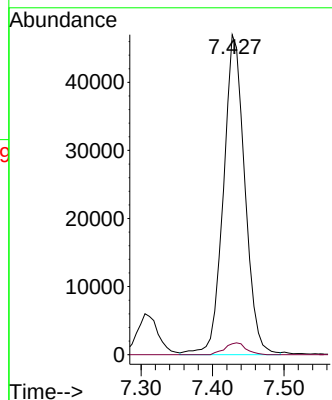
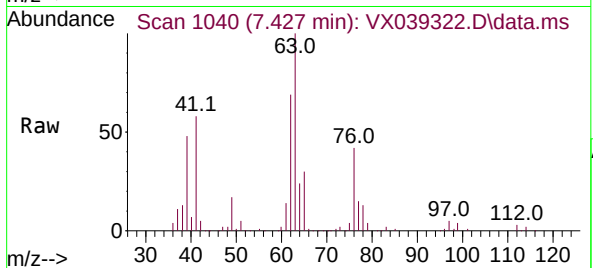
ClientSampleId :

Tgt Ion: 63 Resp: 97939

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 52.697 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

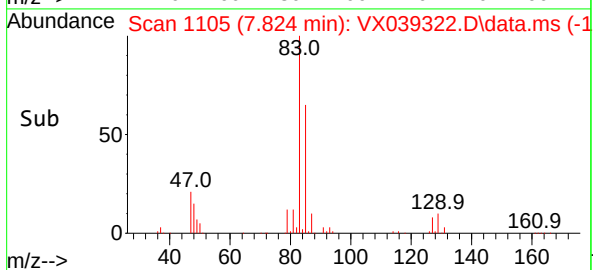
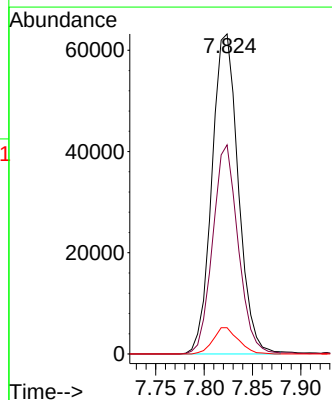
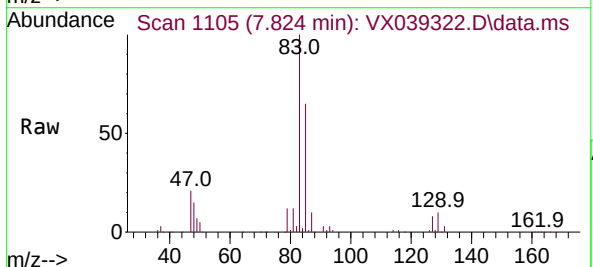
Tgt Ion: 83 Resp: 120162

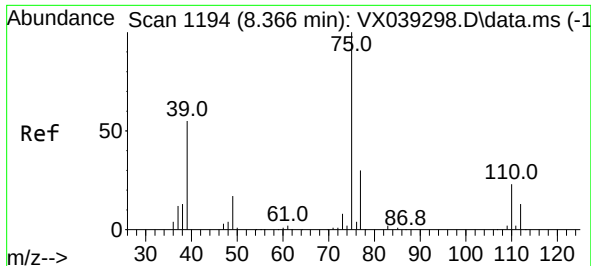
Ion Ratio Lower Upper

83 100

85 65.3 43.3 80.5

127 8.2 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 50.402 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

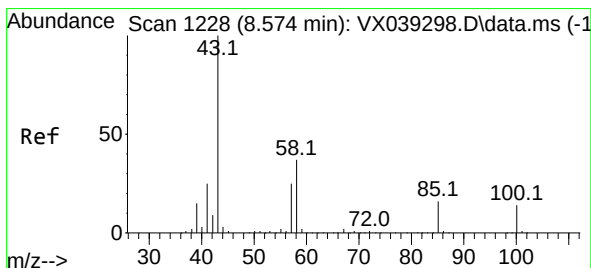
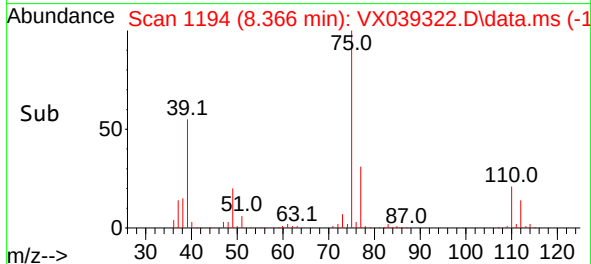
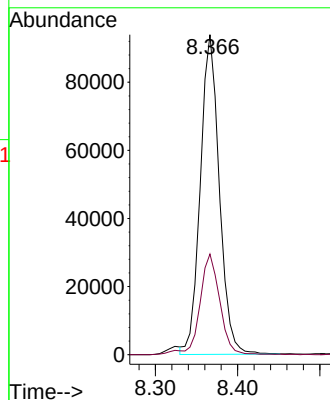
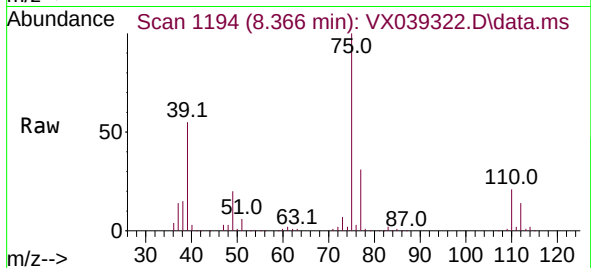
ClientSampleId :

Tgt Ion: 75 Resp: 150705

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 111.226 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

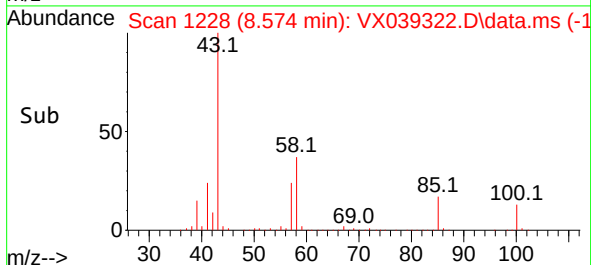
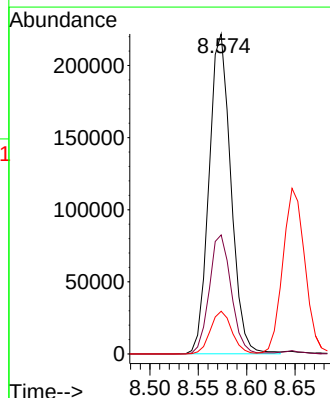
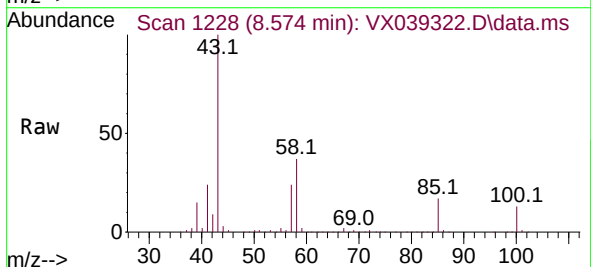
Tgt Ion: 43 Resp: 349472

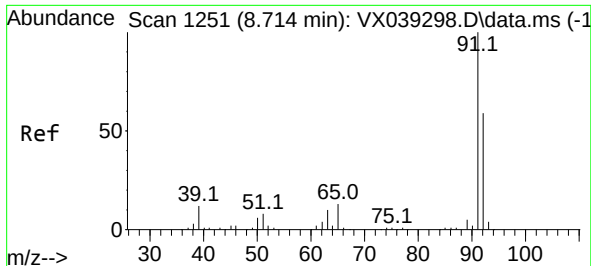
Ion Ratio Lower Upper

43 100

58 37.3 30.9 46.3

100 13.2 10.6 16.0





#42

Toluene

Concen: 52.020 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

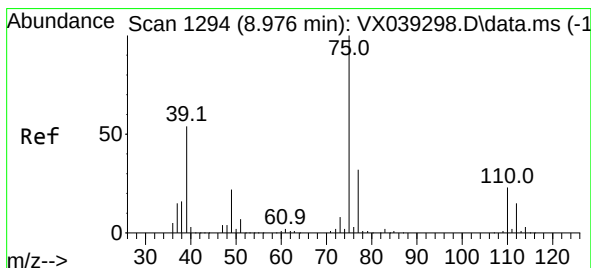
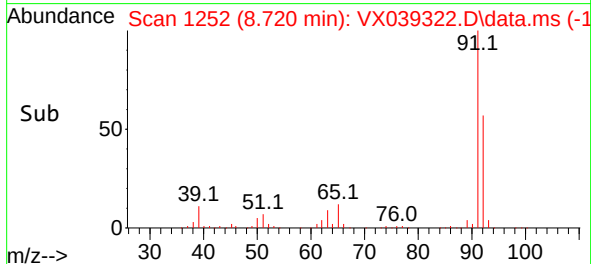
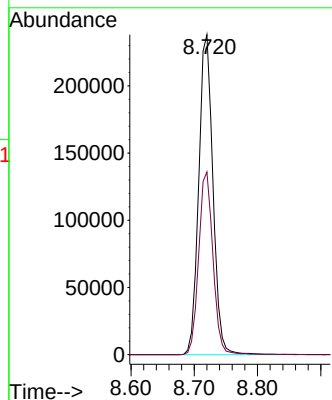
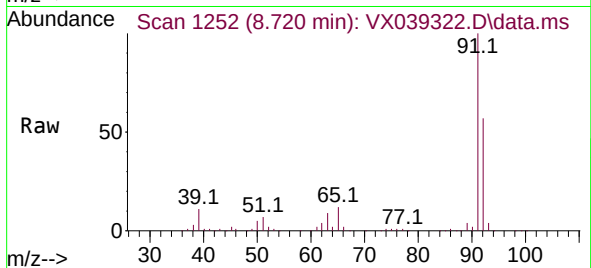
ClientSampleId :

Tgt Ion: 91 Resp: 372891

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 51.174 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039322.D

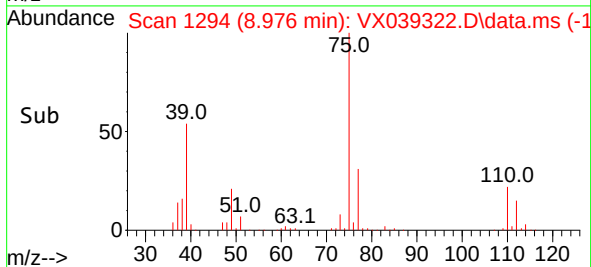
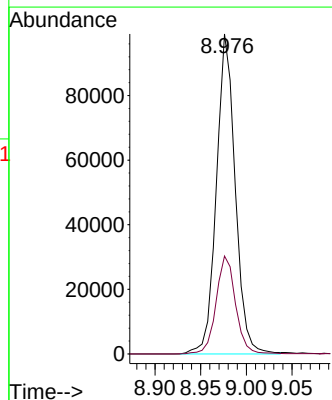
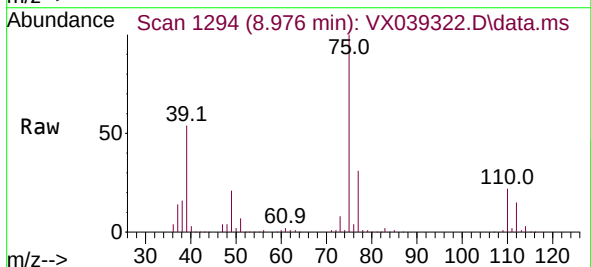
Acq: 18 Dec 2023 19:18

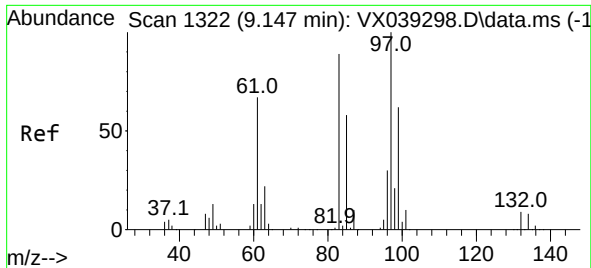
Tgt Ion: 75 Resp: 141994

Ion Ratio Lower Upper

75 100

77 30.6 22.0 40.8

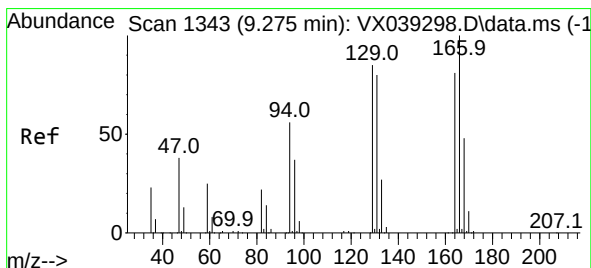
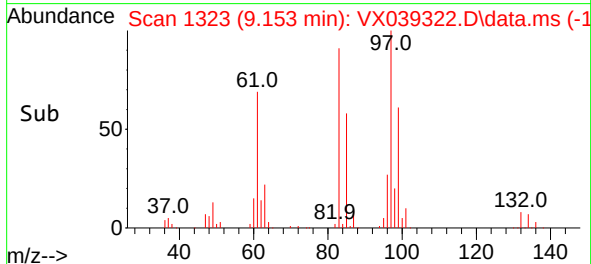
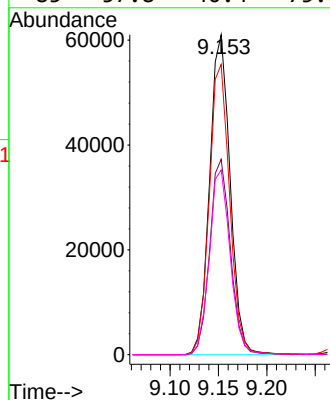
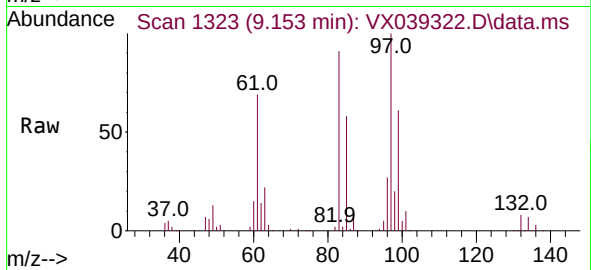




#45
1,1,2-Trichloroethane
Concen: 52.504 ug/L
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

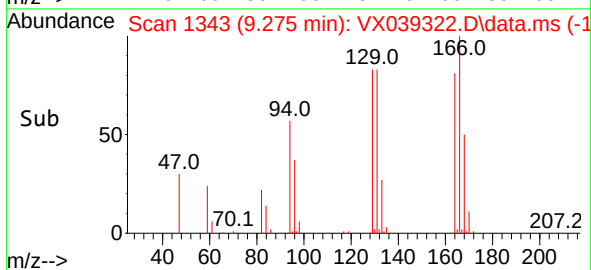
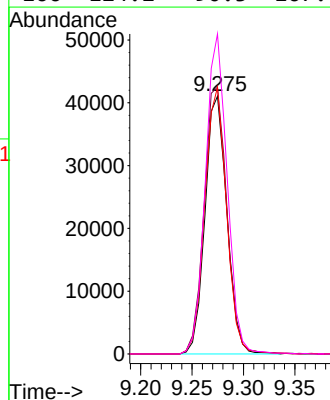
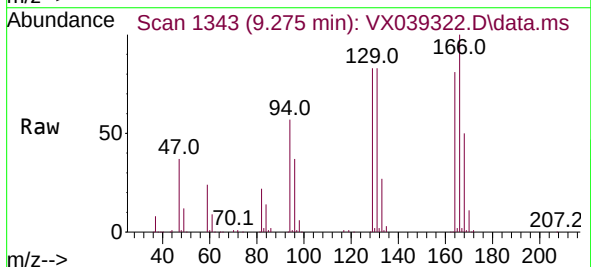
Instrument :
MSVOA_X
ClientSampleId :

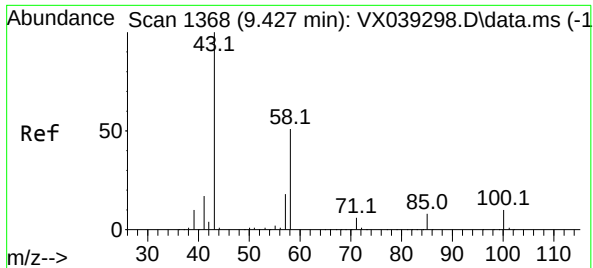
Tgt Ion: 97	Resp: 90205
Ion Ratio	Lower Upper
97 100	
99 61.1	43.1 80.1
83 90.7	64.0 118.8
85 57.8	40.4 75.0



#46
Tetrachloroethene
Concen: 51.472 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion: 164	Resp: 60658
Ion Ratio	Lower Upper
164 100	
129 103.6	71.9 133.5
131 103.5	69.5 129.1
166 124.2	90.3 167.7





#48

2-Hexanone

Concen: 106.940 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

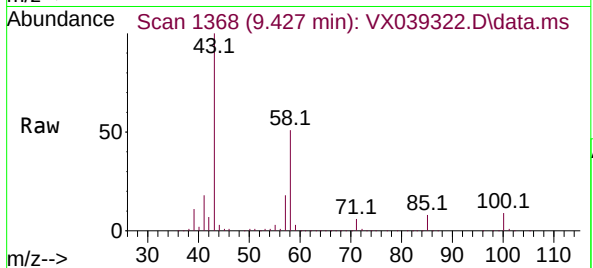
Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 281224

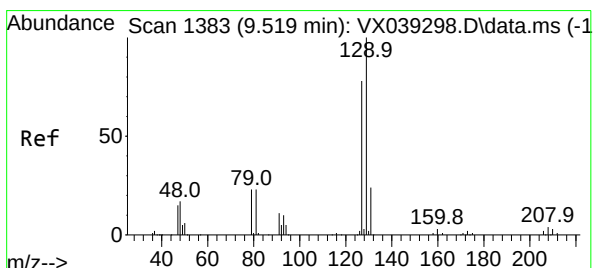
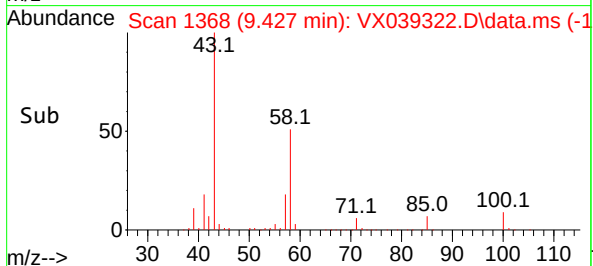
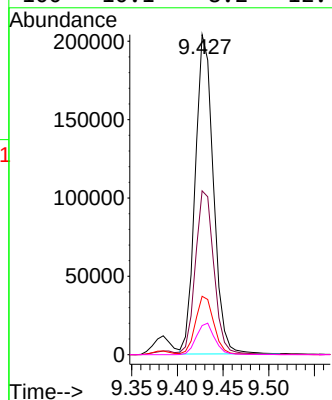
Ion Ratio Lower Upper

43 100

58 52.9 43.0 64.6

57 18.7 14.6 21.8

100 10.1 8.2 12.4



#49

Dibromochloromethane

Concen: 51.121 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039322.D

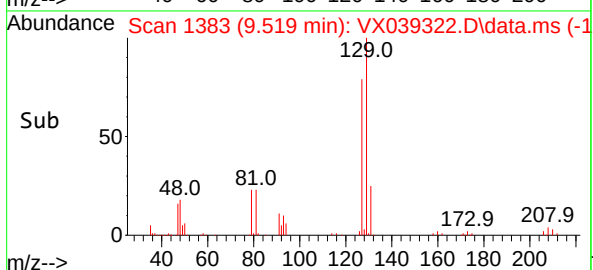
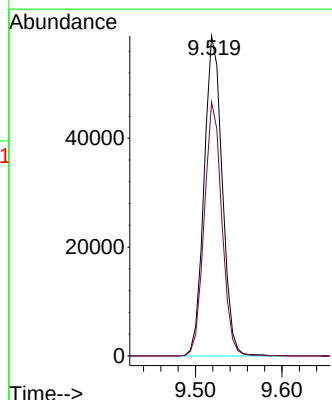
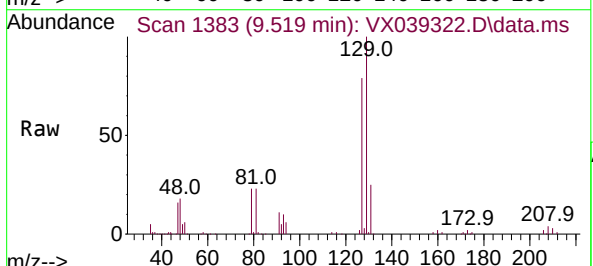
Acq: 18 Dec 2023 19:18

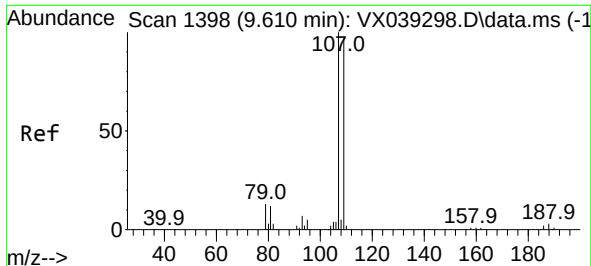
Tgt Ion:129 Resp: 85563

Ion Ratio Lower Upper

129 100

127 79.3 55.2 102.4

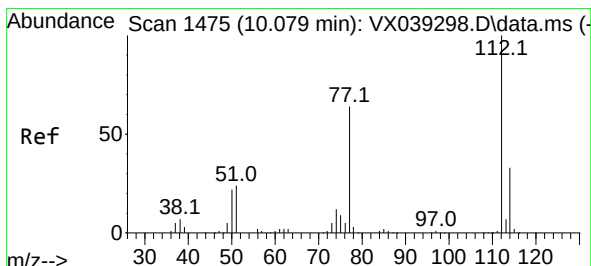
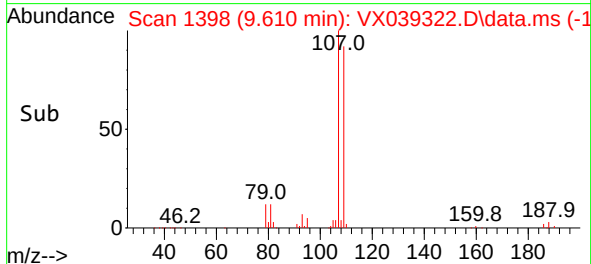
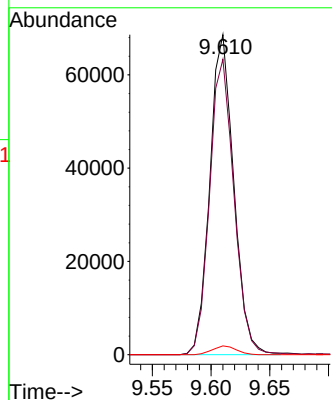
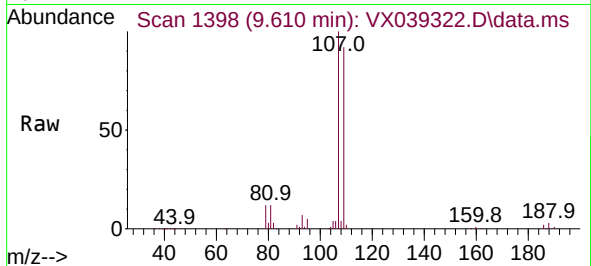




#50
1,2-Dibromoethane
Concen: 52.925 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

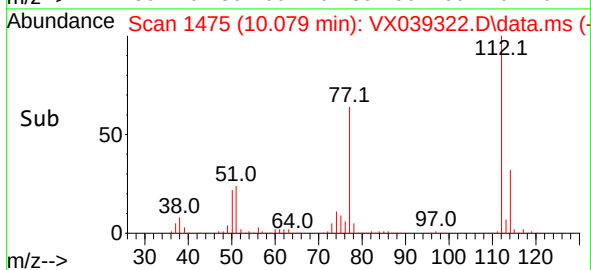
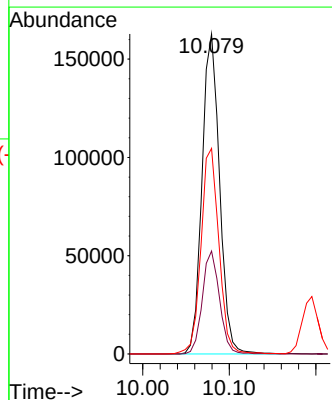
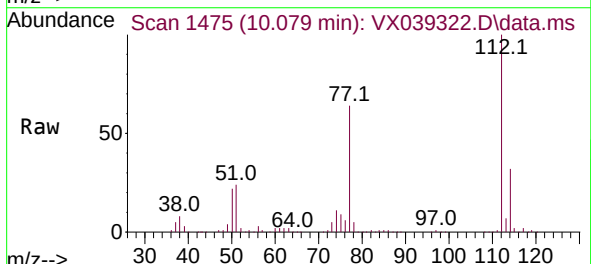
Instrument :
MSVOA_X
ClientSampleId :

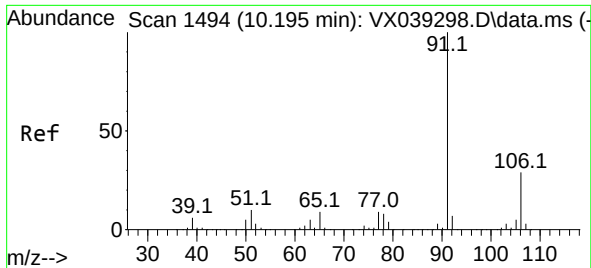
Tgt Ion:107 Resp: 97415
Ion Ratio Lower Upper
107 100
109 92.3 65.2 121.0
188 2.8 2.5 3.7



#51
Chlorobenzene
Concen: 51.778 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion:112 Resp: 229259
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.4
77 64.3 49.0 73.6





#52

Ethylbenzene

Concen: 52.095 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

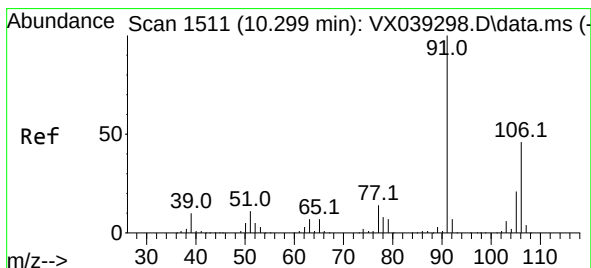
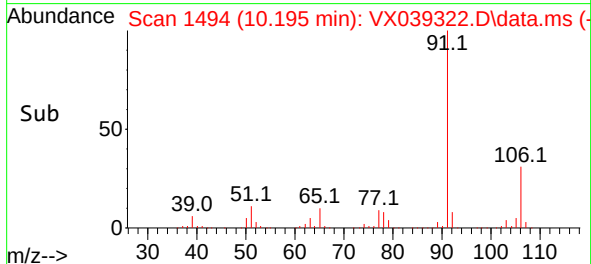
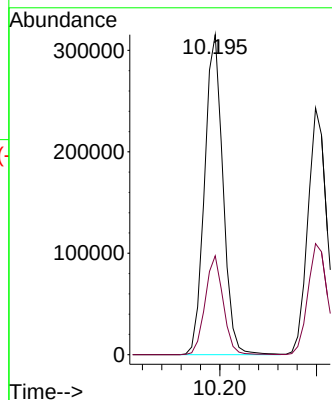
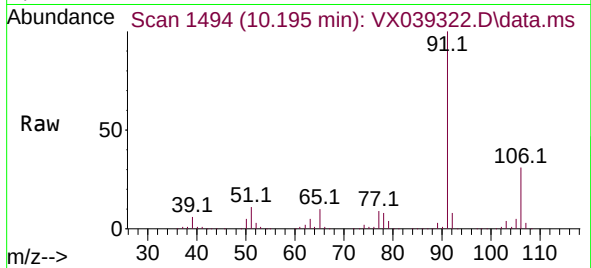
ClientSampleId :

Tgt Ion: 91 Resp: 417472

Ion Ratio Lower Upper

91 100

106 30.9 21.2 39.4



#53

m,p-Xylene

Concen: 51.277 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039322.D

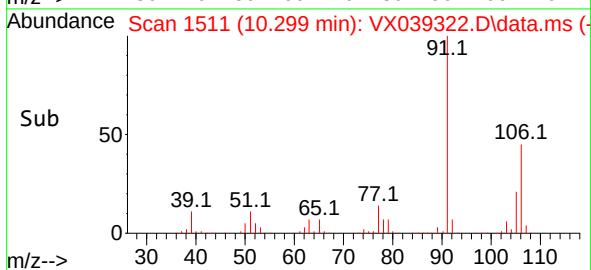
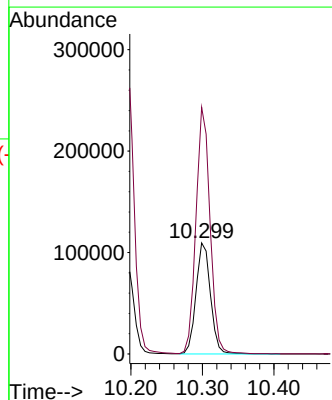
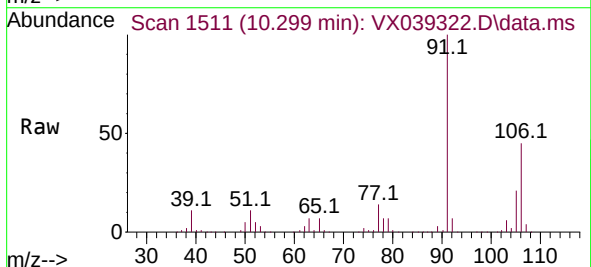
Acq: 18 Dec 2023 19:18

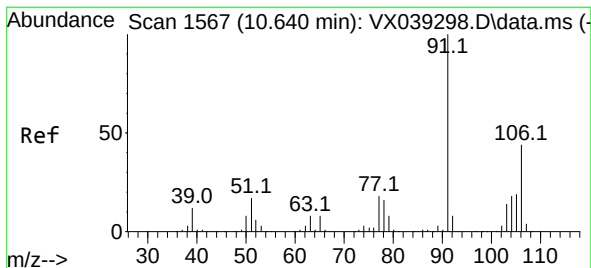
Tgt Ion:106 Resp: 153637

Ion Ratio Lower Upper

106 100

91 222.0 149.0 276.8





#54

o-Xylene

Concen: 51.847 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

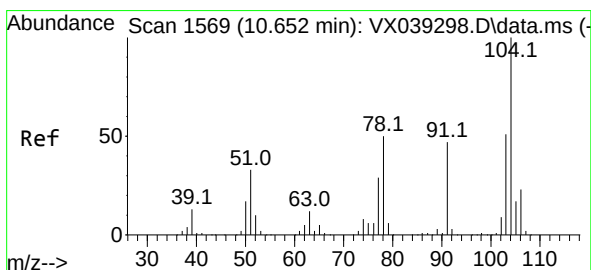
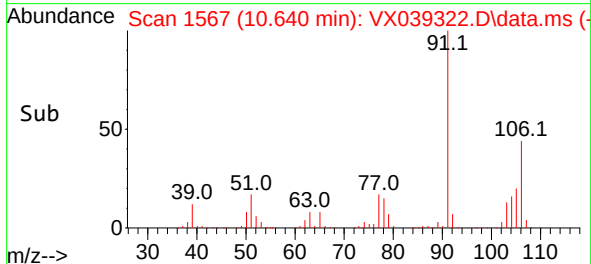
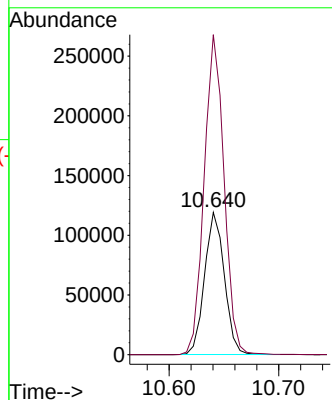
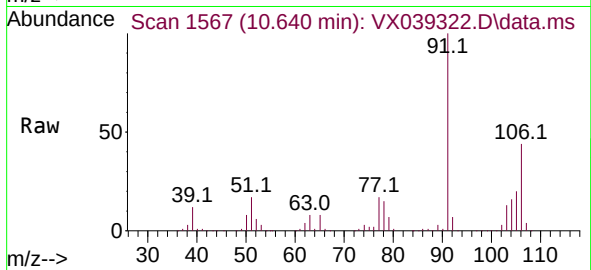
ClientSampleId :

Tgt Ion:106 Resp: 149063

Ion Ratio Lower Upper

106 100

91 224.8 156.2 290.0



#55

Styrene

Concen: 52.214 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039322.D

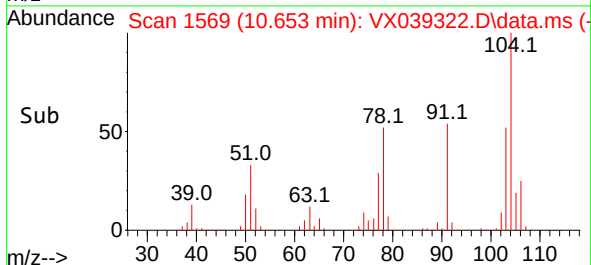
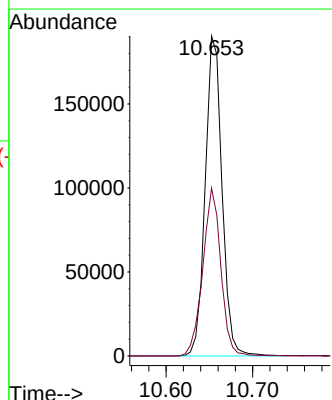
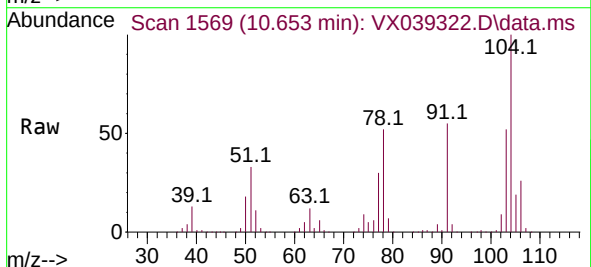
Acq: 18 Dec 2023 19:18

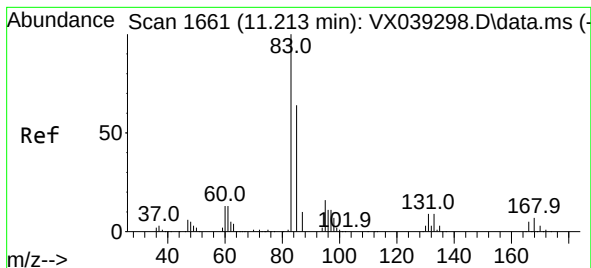
Tgt Ion:104 Resp: 256855

Ion Ratio Lower Upper

104 100

78 52.4 33.5 62.1

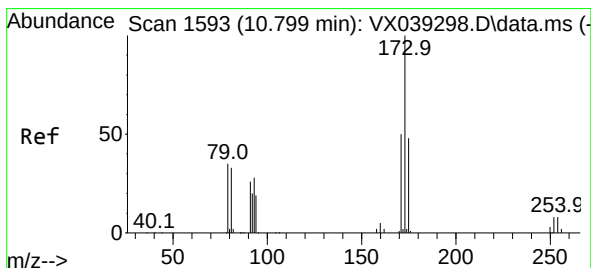
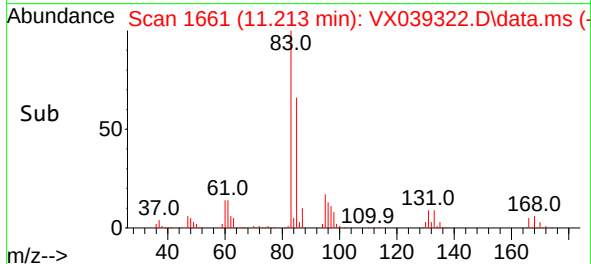
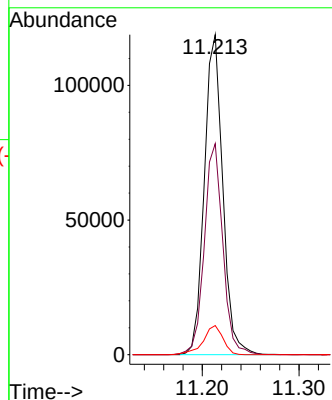
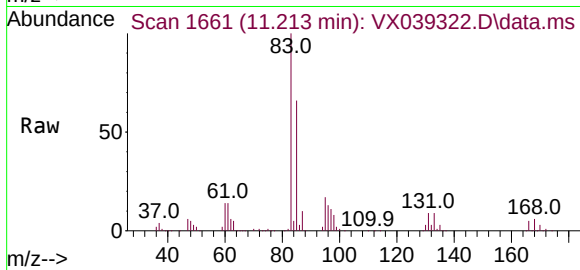




#57
1,1,2,2-Tetrachloroethane
Concen: 52.543 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

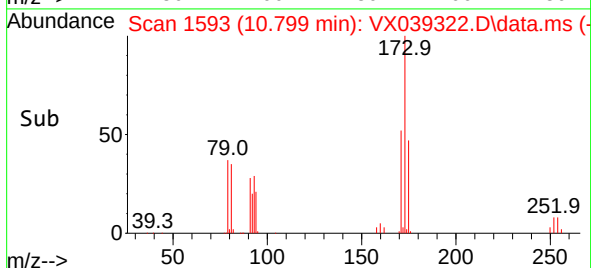
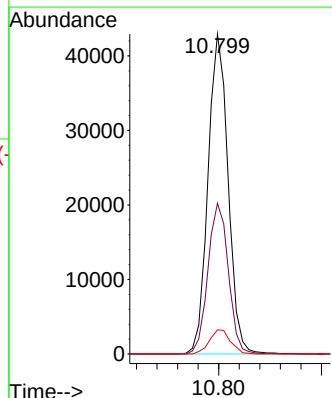
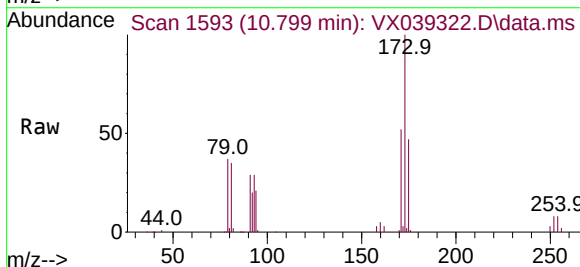
Instrument :
MSVOA_X
ClientSampleId :

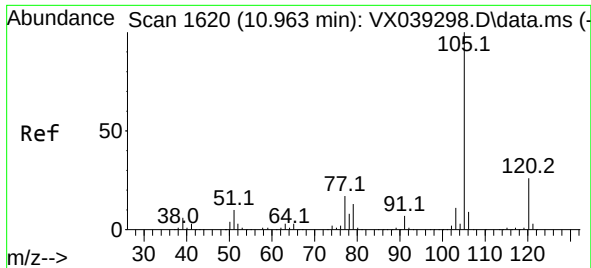
Tgt Ion: 83 Resp: 157543
Ion Ratio Lower Upper
83 100
85 65.9 45.2 84.0
131 9.1 7.2 10.8



#59
Bromoform
Concen: 48.208 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

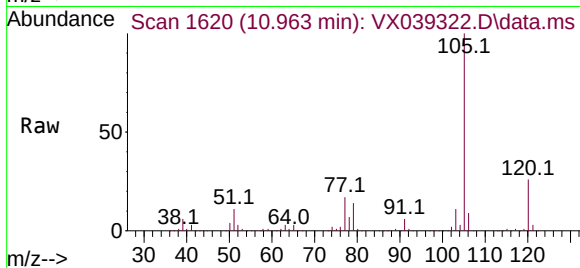
Tgt Ion:173 Resp: 58245
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 7.9 6.2 9.2



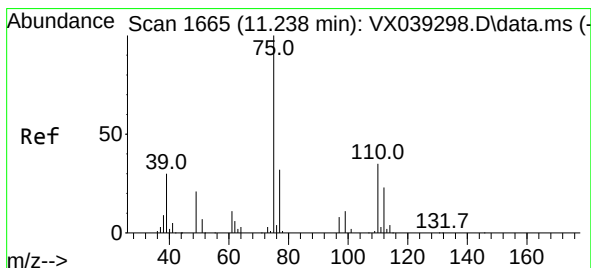
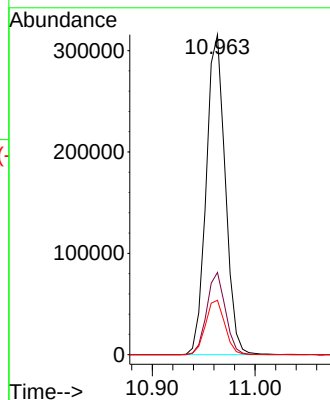
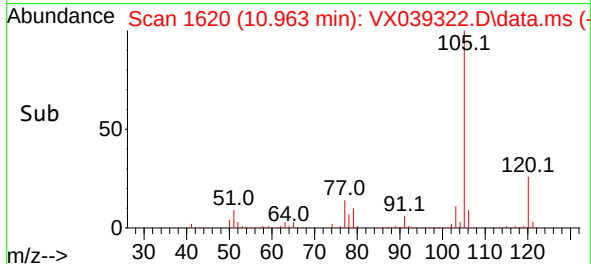


#60
Isopropylbenzene
Concen: 54.053 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

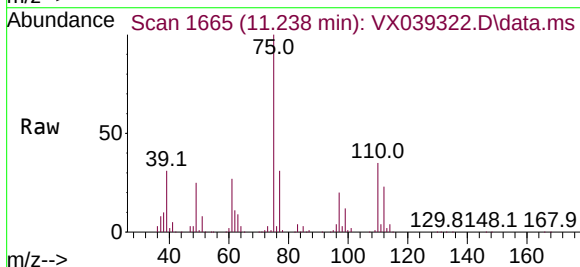
Instrument :
MSVOA_X
ClientSampleId :



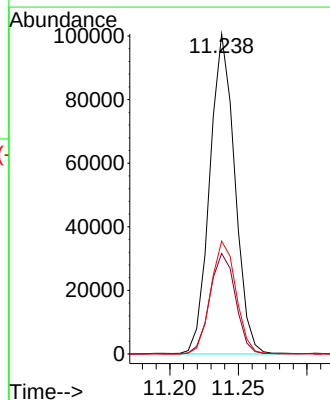
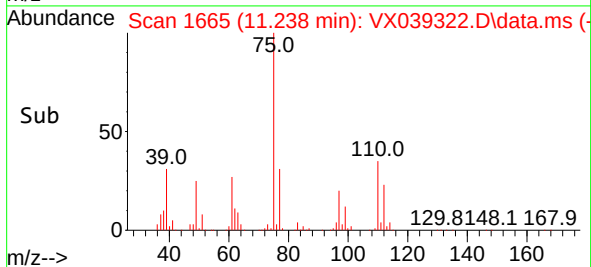
Tgt Ion:105 Resp: 406033
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 17.4 13.0 19.6

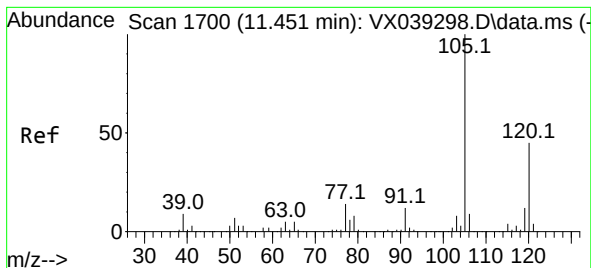


#61
1,2,3-Trichloropropane
Concen: 56.717 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18



Tgt Ion: 75 Resp: 127724
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 35.6 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 54.486 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

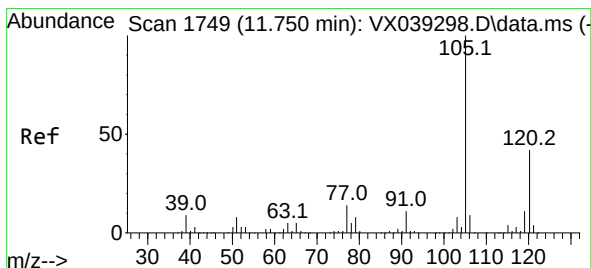
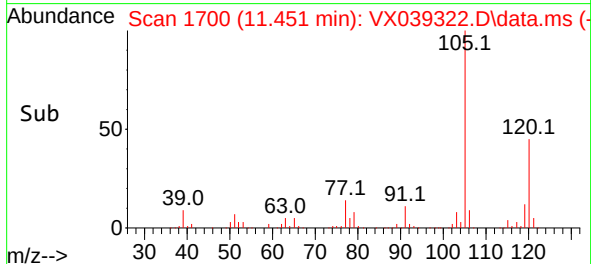
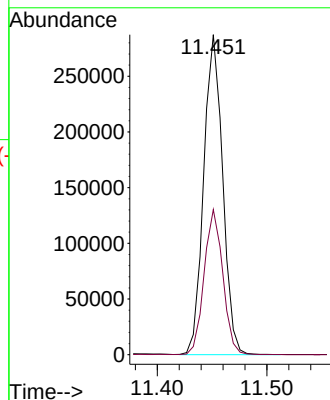
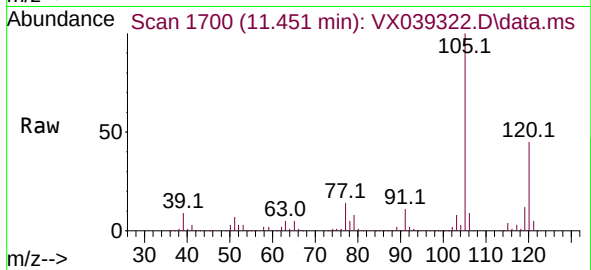
ClientSampleId :

Tgt Ion:105 Resp: 345541

Ion Ratio Lower Upper

105 100

120 44.4 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 54.450 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039322.D

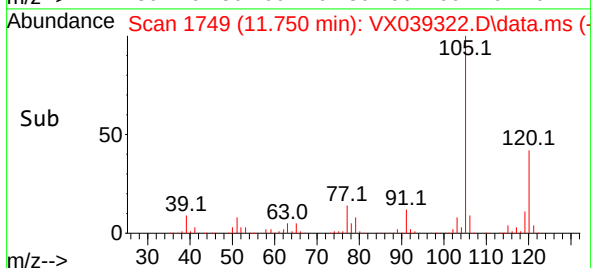
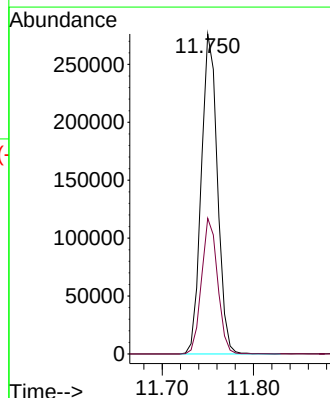
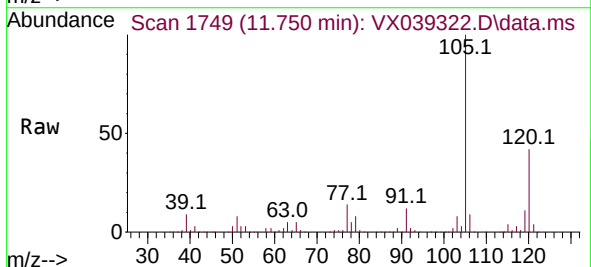
Acq: 18 Dec 2023 19:18

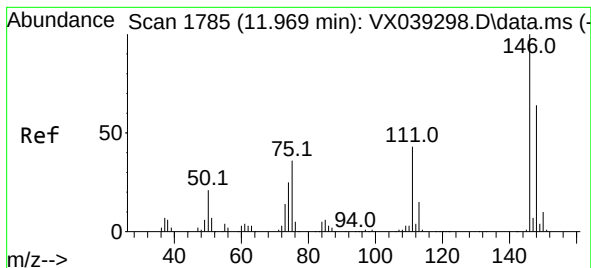
Tgt Ion:105 Resp: 338598

Ion Ratio Lower Upper

105 100

120 42.1 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 52.975 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

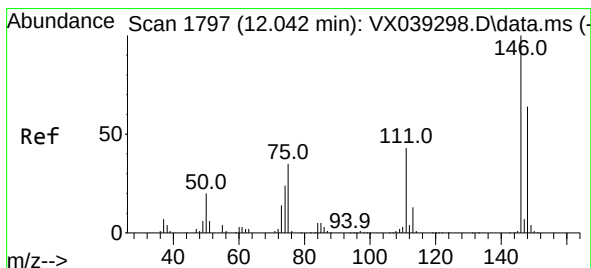
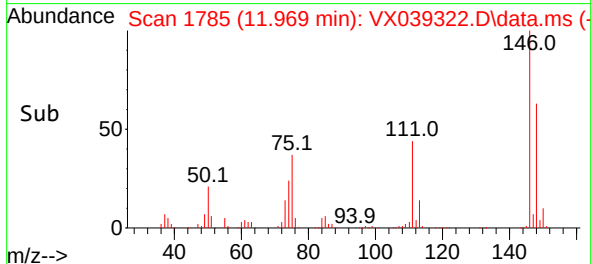
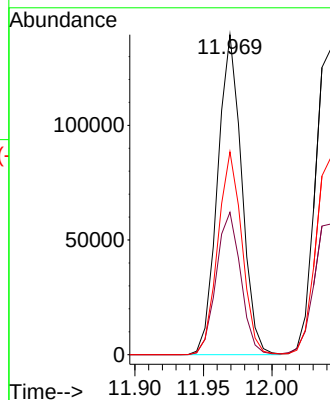
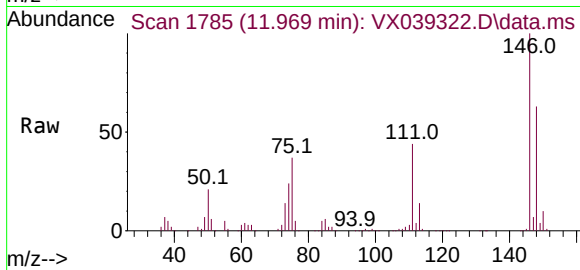
Tgt Ion:146 Resp: 170325

Ion Ratio Lower Upper

146 100

111 44.5 30.0 55.6

148 63.4 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 52.959 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

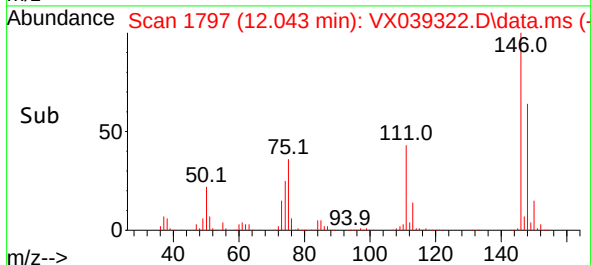
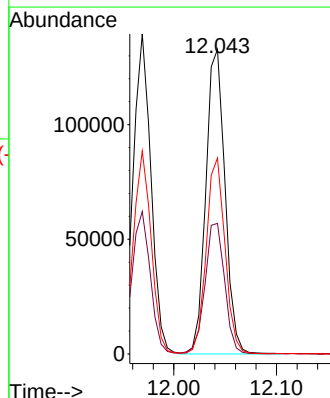
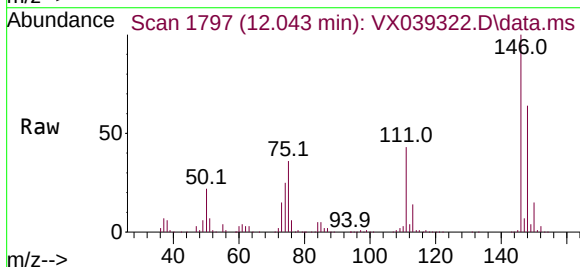
Tgt Ion:146 Resp: 172544

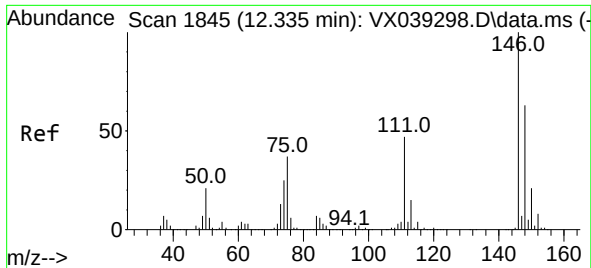
Ion Ratio Lower Upper

146 100

111 42.9 29.7 55.1

148 64.3 45.8 85.2

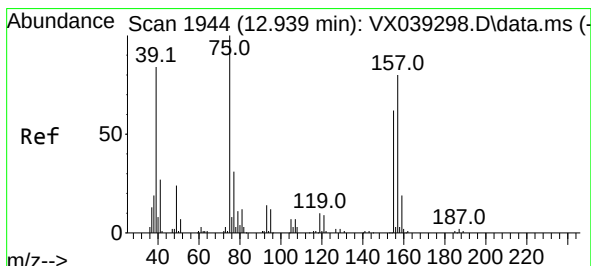
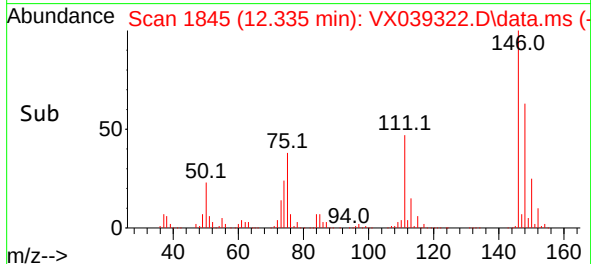
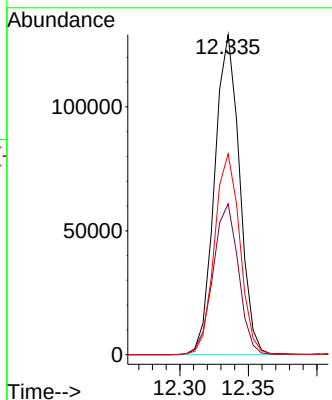
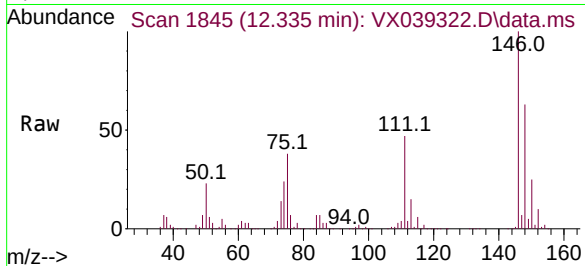




#67
1,2-Dichlorobenzene
Concen: 53.128 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

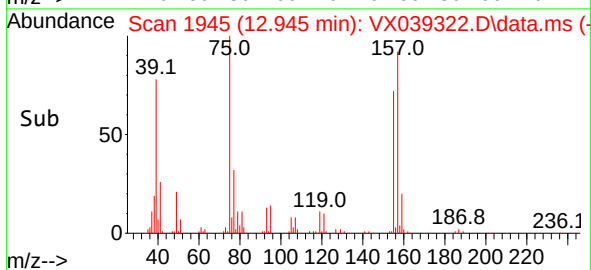
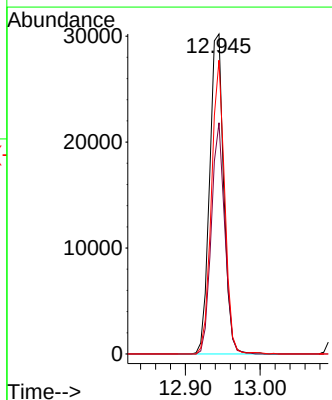
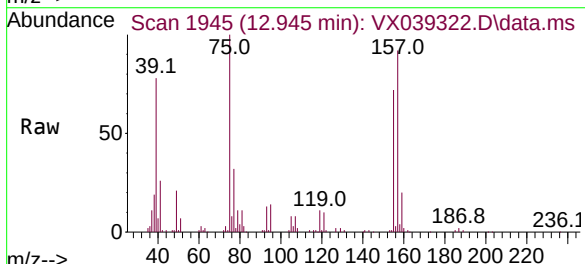
Instrument :
MSVOA_X
ClientSampleId :

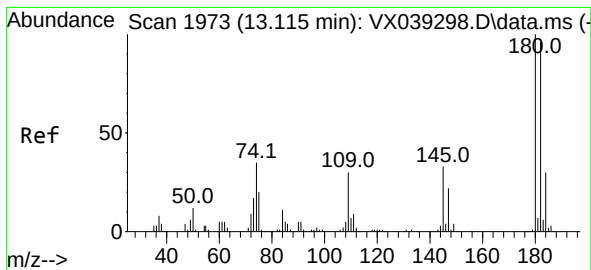
Tgt Ion:146 Resp: 163398
Ion Ratio Lower Upper
146 100
111 47.1 36.4 54.6
148 62.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 56.454 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039322.D
Acq: 18 Dec 2023 19:18

Tgt Ion: 75 Resp: 39677
Ion Ratio Lower Upper
75 100
155 72.3 52.3 78.5
157 91.8 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 51.671 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

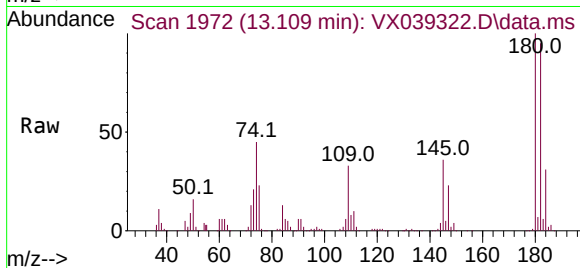
Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 109867

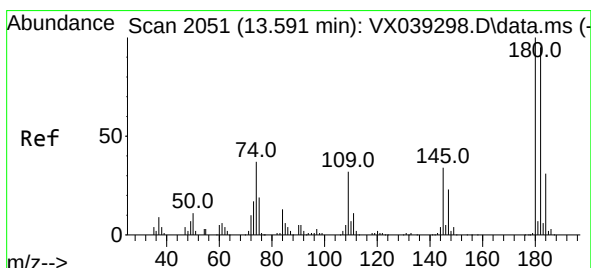
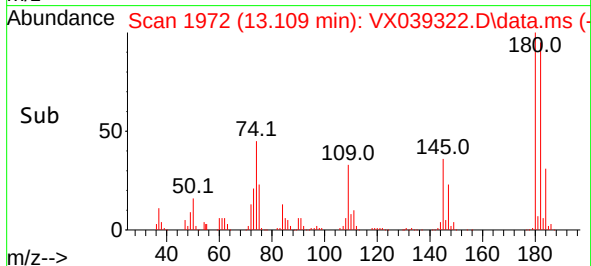
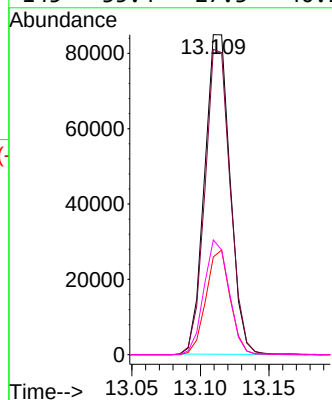
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

184 31.2 24.1 36.1

145 35.4 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 52.632 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

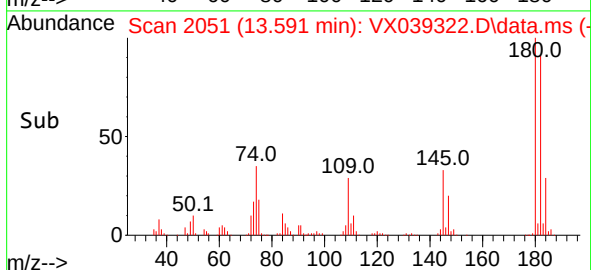
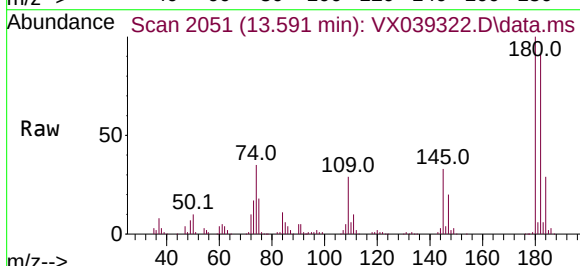
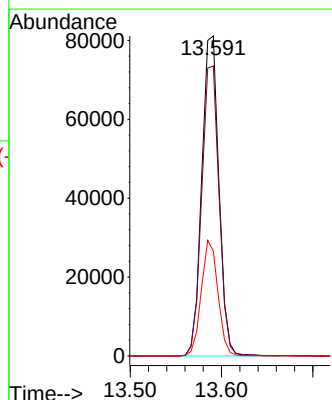
Tgt Ion:180 Resp: 105501

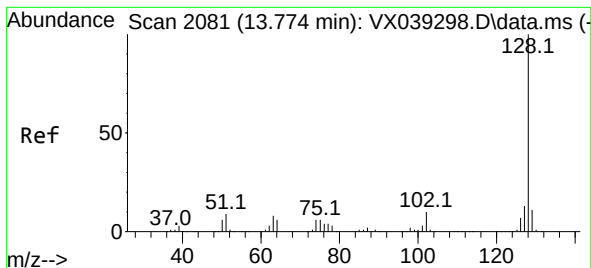
Ion Ratio Lower Upper

180 100

182 91.8 76.8 115.2

145 35.1 27.8 41.6





#71

Naphthalene

Concen: 53.786 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

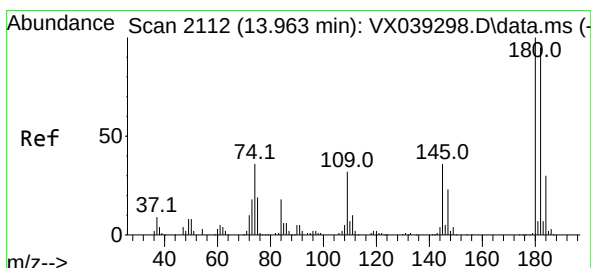
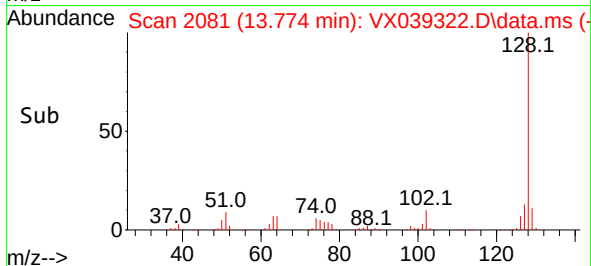
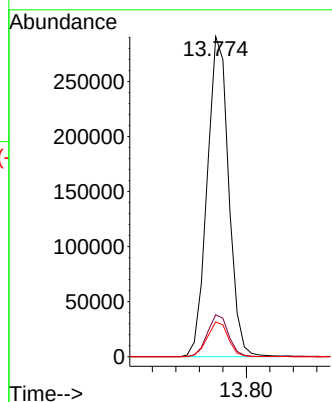
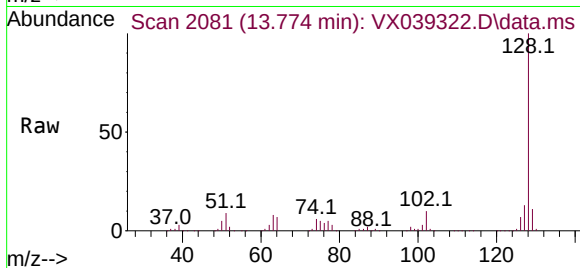
Tgt Ion:128 Resp: 369751

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.741 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039322.D

Acq: 18 Dec 2023 19:18

Tgt Ion:180 Resp: 102364

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 36.4 28.6 42.8

