

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039413.D
 Acq On : 20 Dec 2023 19:39
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:28:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	203907	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	191231	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	96821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68515	42.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.680%
7) Chloroethane-d5	1.666	69	53593	45.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	2.306	65	34171	48.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.340%
21) 2-Butanone-d5	4.446	46	158129	109.227	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.230%
24) Chloroform-d	5.056	84	156557	55.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.952	65	103365	56.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.740%
32) Benzene-d6	5.970	84	295253	50.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
36) 1,2-Dichloropropane-d6	7.312	67	97733	51.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.920%
41) Toluene-d8	8.647	98	260926	48.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.580%
43) trans-1,3-Dichloroprop...	8.952	79	45851	47.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
47) 2-Hexanone-d5	9.384	63	117423	103.512	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.510%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	143439	53.237	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	92676	50.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88625	54.501	ug/L	99
3) Chloromethane	1.294	50	89586	52.709	ug/L	97
5) Vinyl chloride	1.374	62	83897	50.084	ug/L	96
6) Bromomethane	1.605	94	50362	55.699	ug/L	99
8) Chloroethane	1.691	64	48759	51.486	ug/L	93
9) Trichlorofluoromethane	1.892	101	119436	55.014	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	79867	57.191	ug/L	98
12) 1,1-Dichloroethene	2.319	96	73341	55.832	ug/L	97
13) Acetone	2.373	43	136648	98.253	ug/L	95
14) Carbon disulfide	2.514	76	192827	46.130	ug/L	99
15) Methyl Acetate	2.703	43	111700	56.190	ug/L	99
16) Methylene chloride	2.788	84	85172	56.434	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	74777	54.028	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	275334	57.151	ug/L	98
19) 1,1-Dichloroethane	3.611	63	154068	56.298	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	87809	54.698	ug/L	99
22) 2-Butanone	4.550	43	174244	102.086	ug/L	97
23) Bromochloromethane	4.897	128	40732	53.975	ug/L	97
25) Chloroform	5.092	83	156918	57.487	ug/L	100

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 Response via : Initial Calibration

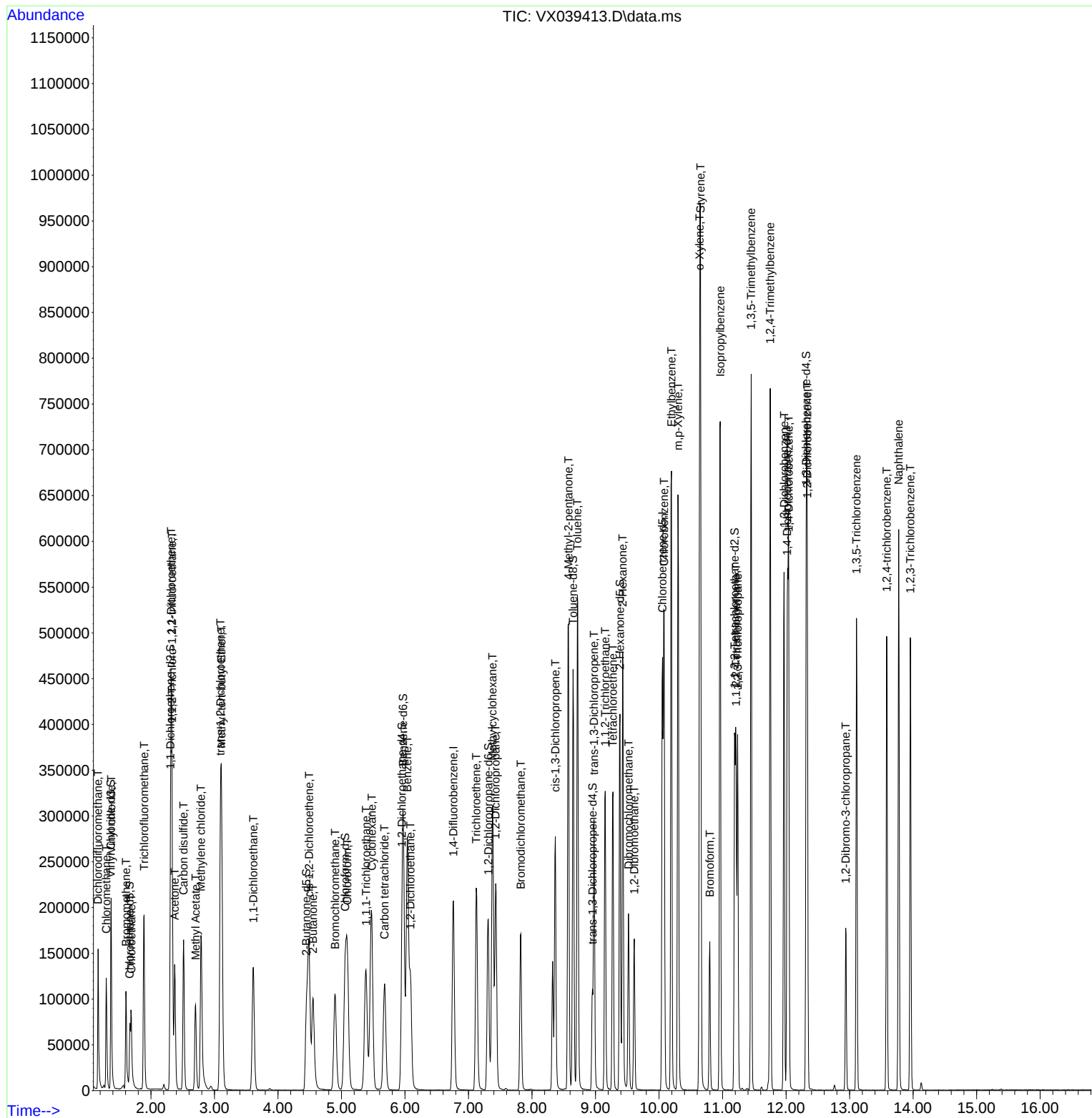
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	131430	61.006	ug/L #	94
29) Cyclohexane	5.477	56	140684	52.590	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	128409	55.343	ug/L	98
31) Carbon tetrachloride	5.678	117	102215	52.802	ug/L	100
33) Benzene	6.037	78	325581	53.574	ug/L	100
34) Trichloroethene	7.123	95	88908	55.358	ug/L	97
35) Methylcyclohexane	7.379	83	137950	51.574	ug/L	97
37) 1,2-Dichloropropane	7.427	63	92513	54.890	ug/L	100
38) Bromodichloromethane	7.824	83	108494	52.925	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	139121	51.754	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	314470	111.327	ug/L	98
42) Toluene	8.714	91	345963	53.684	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	132067	52.942	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	84497	54.706	ug/L	97
46) Tetrachloroethene	9.275	164	55880	52.744	ug/L	97
48) 2-Hexanone	9.427	43	254852	107.797	ug/L	98
49) Dibromochloromethane	9.518	129	77319	51.384	ug/L	99
50) 1,2-Dibromoethane	9.610	107	91408	55.240	ug/L	98
51) Chlorobenzene	10.079	112	214410	53.863	ug/L	96
52) Ethylbenzene	10.195	91	393155	54.571	ug/L	100
53) m,p-Xylene	10.299	106	143079	53.117	ug/L	96
54) o-Xylene	10.640	106	138813	53.705	ug/L	96
55) Styrene	10.652	104	242397	54.809	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	146888	54.492	ug/L	99
59) Bromoform	10.799	173	50482	44.364	ug/L	99
60) Isopropylbenzene	10.963	105	384009	54.278	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	117284	55.298	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	324979	54.409	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	318045	54.304	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	159933	52.815	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	163144	53.167	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	153257	52.908	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	35235	53.230	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	104450	52.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	99722	52.822	ug/L	99
71) Naphthalene	13.774	128	347984	53.746	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	96644	52.869	ug/L	99

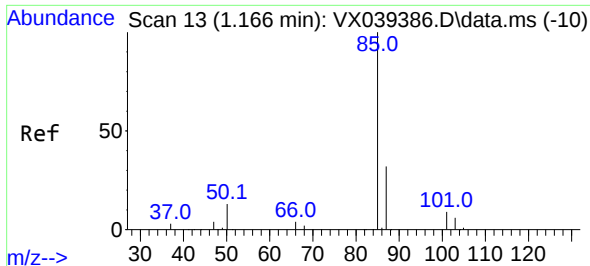
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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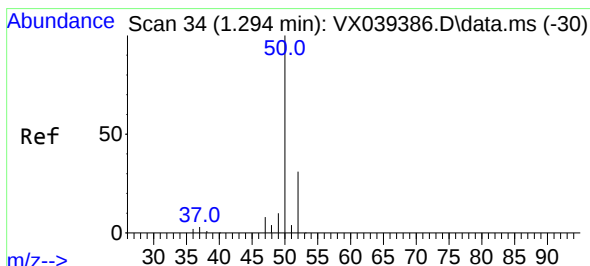
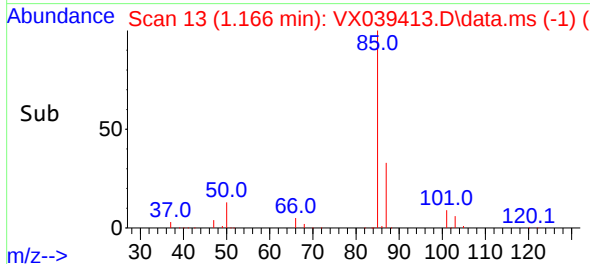
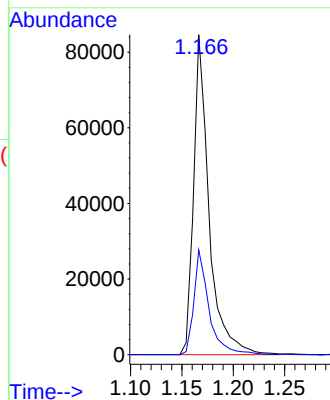
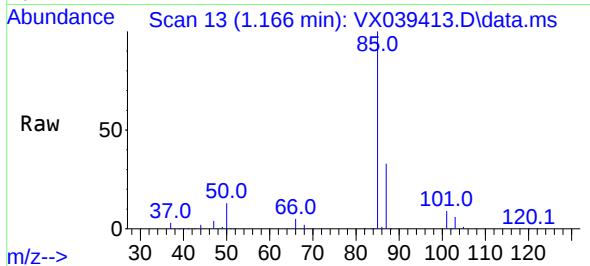




#2
 Dichlorodifluoromethane
 Concen: 54.501 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039413.D
 Acq: 20 Dec 2023 19:39

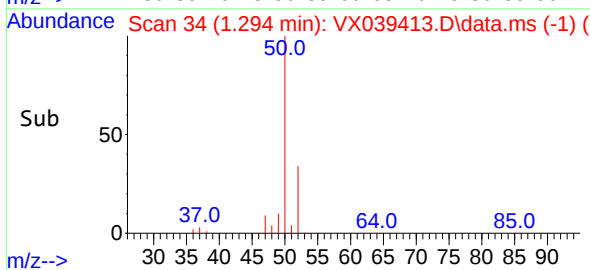
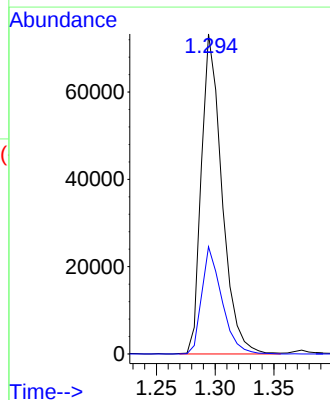
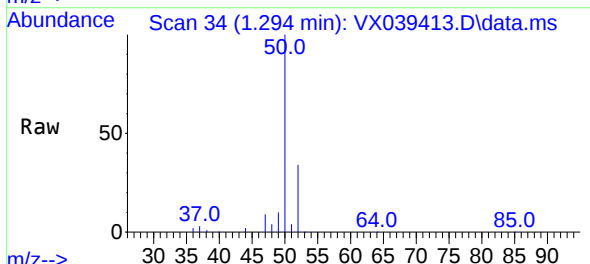
Instrument :
 MSVOA_X
 ClientSampleId :

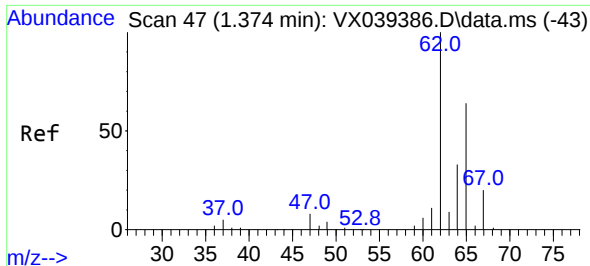
Tgt Ion: 85 Resp: 88625
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 52.709 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX039413.D
 Acq: 20 Dec 2023 19:39

Tgt Ion: 50 Resp: 89586
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.4 41.6

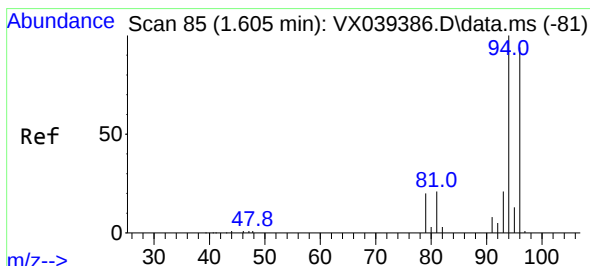
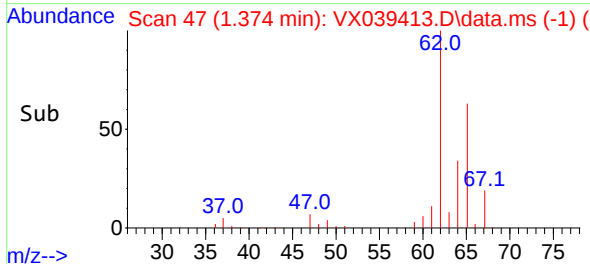
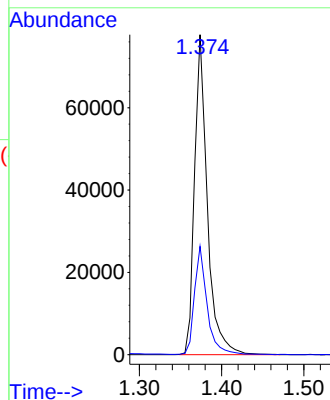
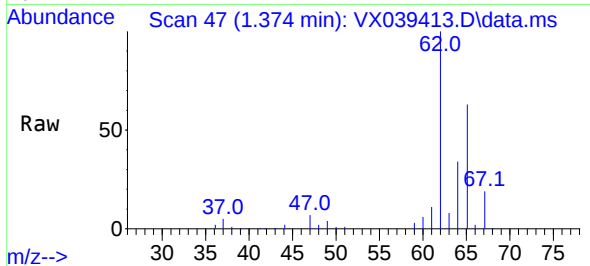




#5
 Vinyl chloride
 Concen: 50.084 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039413.D
 Acq: 20 Dec 2023 19:39

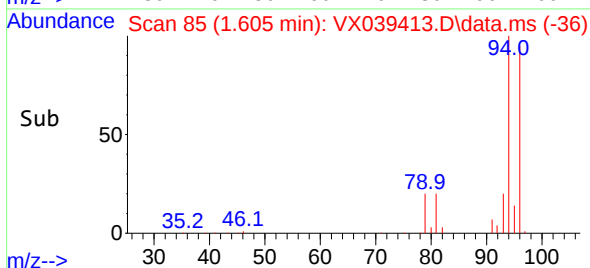
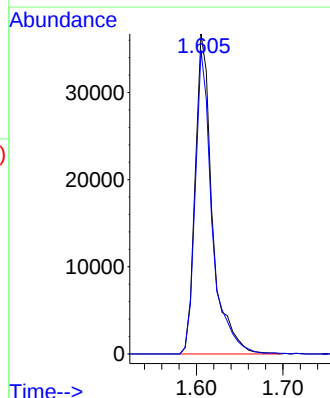
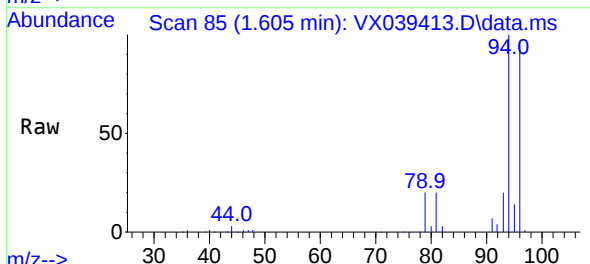
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 62 Resp: 83897
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.3 41.3

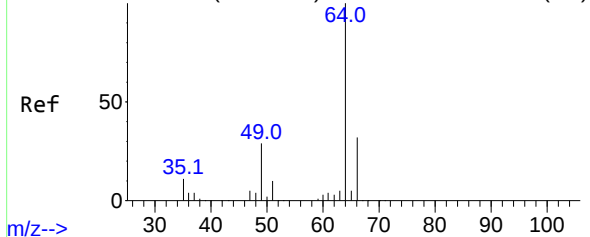


#6
 Bromomethane
 Concen: 55.699 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX039413.D
 Acq: 20 Dec 2023 19:39

Tgt Ion: 94 Resp: 50362
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.8 122.2



Abundance Scan 99 (1.691 min): VX039386.D\data.ms (-93)



#8

Chloroethane

Concen: 51.486 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

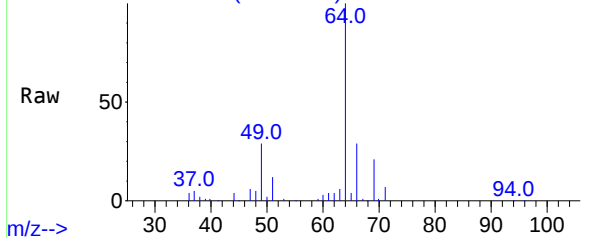
Tgt Ion: 64 Resp: 48759

Ion Ratio Lower Upper

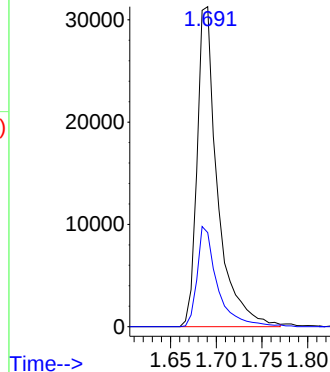
64 100

66 29.4 23.4 43.6

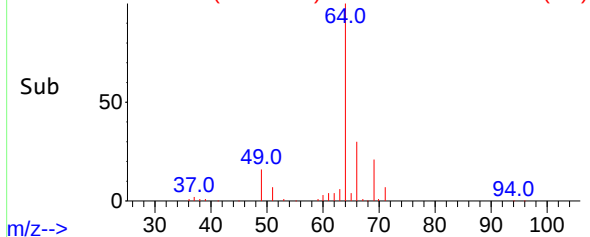
Abundance Scan 99 (1.691 min): VX039413.D\data.ms



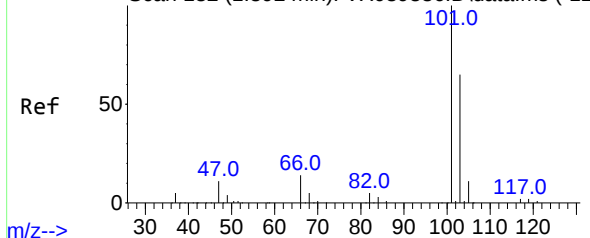
Abundance



Abundance Scan 99 (1.691 min): VX039413.D\data.ms (-33)



Abundance Scan 132 (1.892 min): VX039386.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 55.014 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

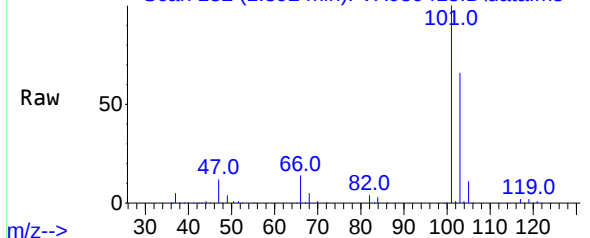
Tgt Ion: 101 Resp: 119436

Ion Ratio Lower Upper

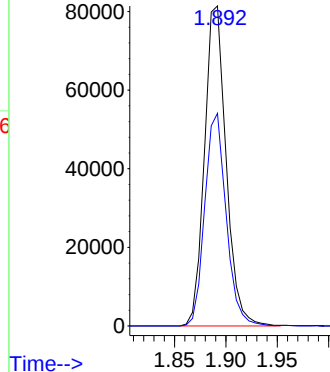
101 100

103 65.7 51.4 77.2

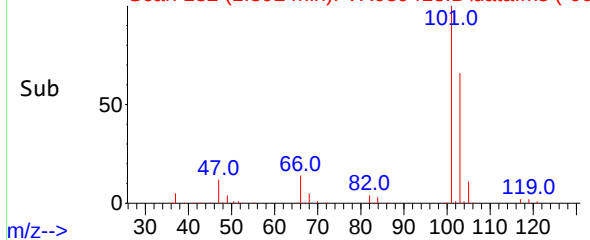
Abundance Scan 132 (1.892 min): VX039413.D\data.ms

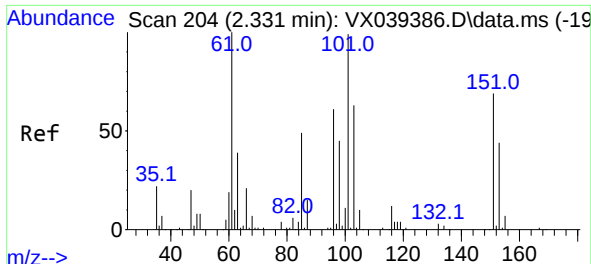


Abundance



Abundance Scan 132 (1.892 min): VX039413.D\data.ms (-66)

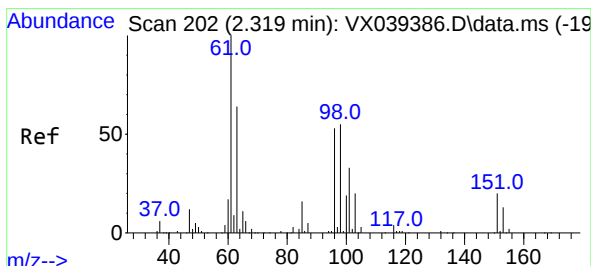
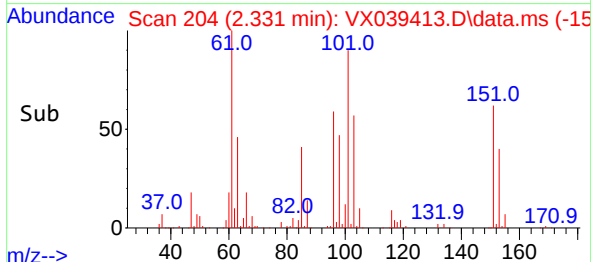
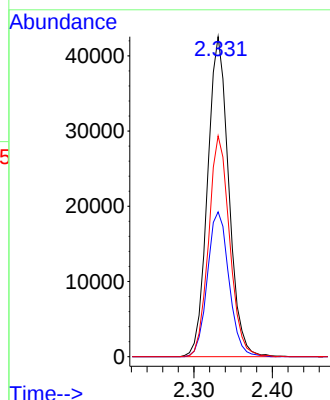
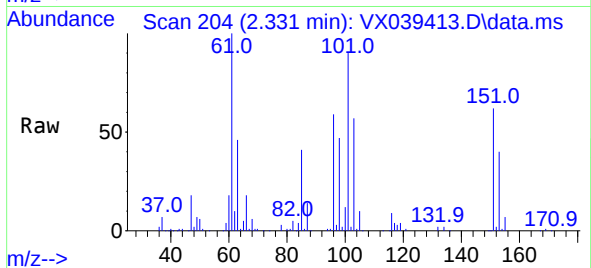




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.191 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039413.D
 Acq: 20 Dec 2023 19:39

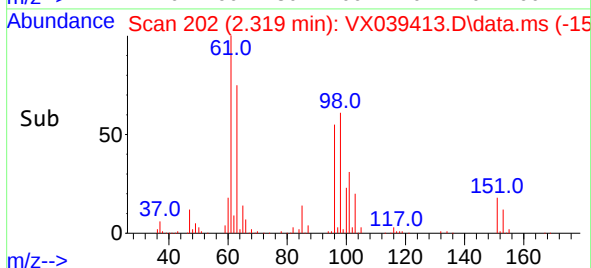
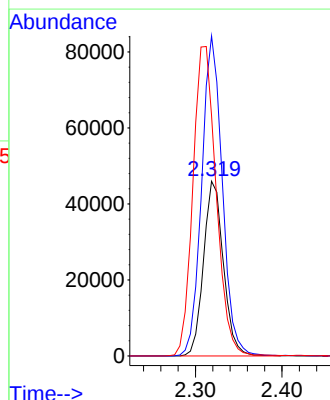
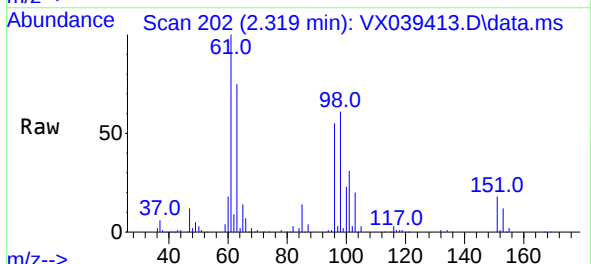
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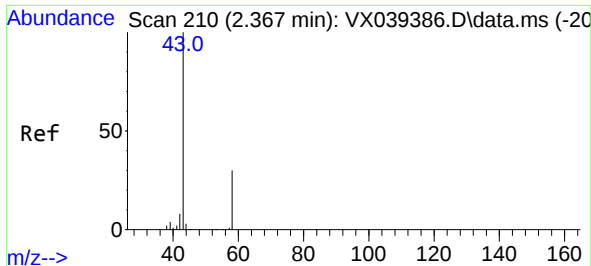
Tgt Ion:101 Resp: 79867
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.8 53.6
 151 68.4 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 55.832 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039413.D
 Acq: 20 Dec 2023 19:39

Tgt Ion: 96 Resp: 73341
 Ion Ratio Lower Upper
 96 100
 61 183.2 128.0 237.6
 63 137.6 101.5 188.5





#13

Acetone

Concen: 98.253 ug/L

RT: 2.373 min Scan# 210

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

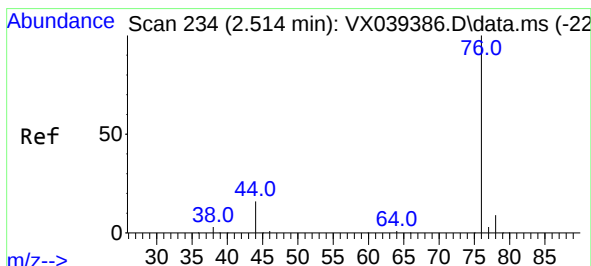
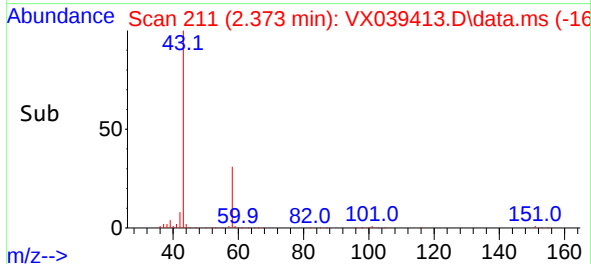
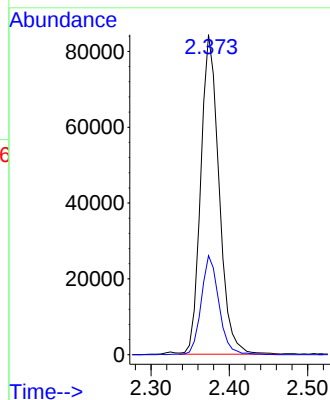
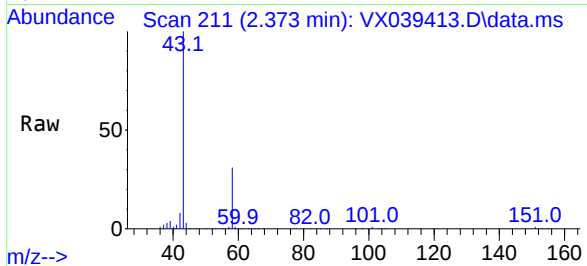
ClientSampleId :

Tgt Ion: 43 Resp: 136648

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.8



#14

Carbon disulfide

Concen: 46.130 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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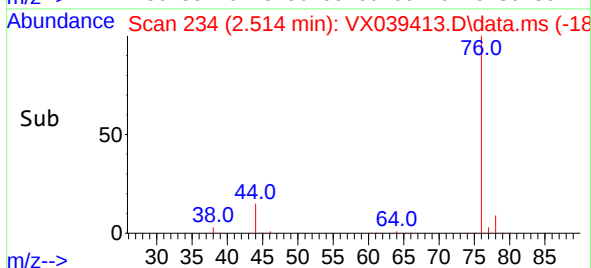
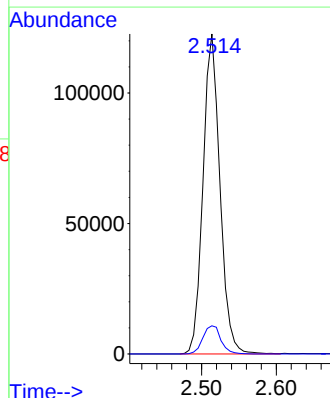
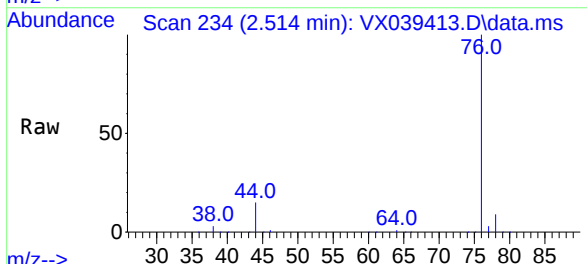
Acq: 20 Dec 2023 19:39

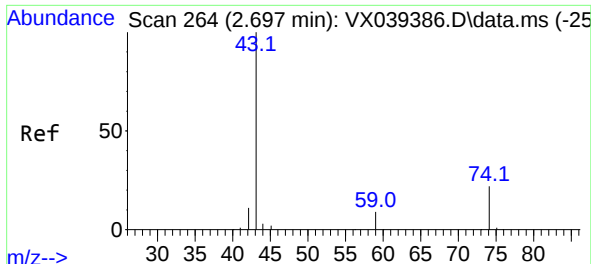
Tgt Ion: 76 Resp: 192827

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

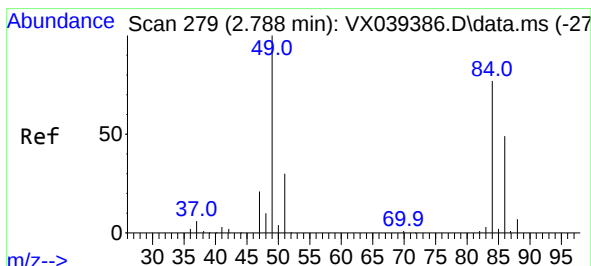
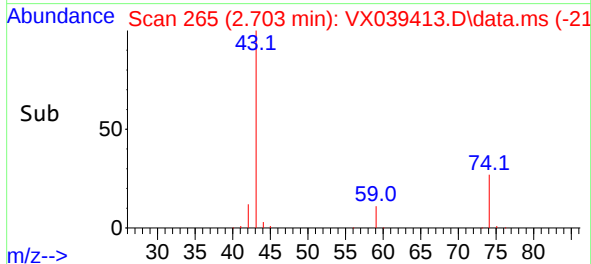
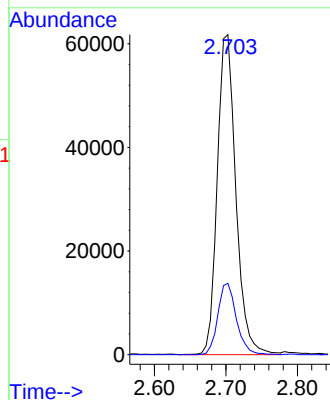
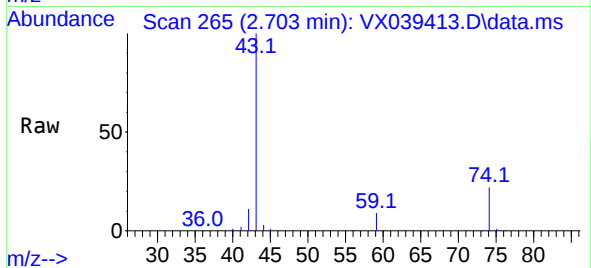




#15
Methyl Acetate
Concen: 56.190 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

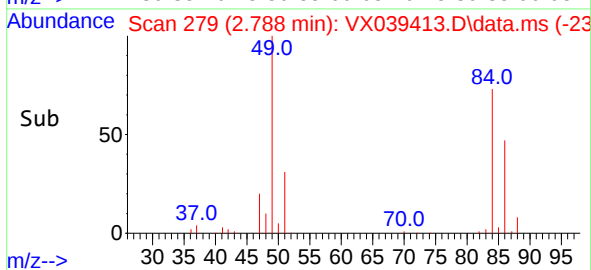
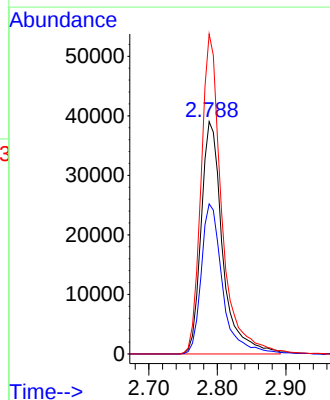
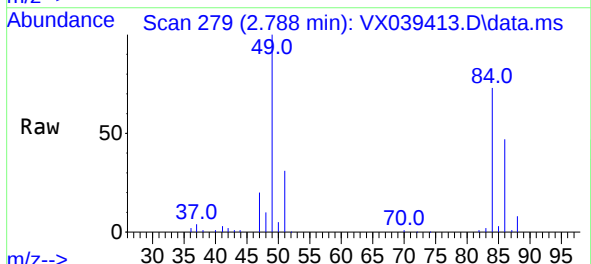
Instrument :
MSVOA_X
ClientSampleId :

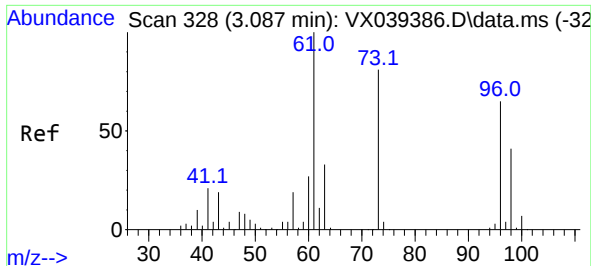
Tgt Ion: 43 Resp: 111700
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#16
Methylene chloride
Concen: 56.434 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion: 84 Resp: 85172
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 137.8 90.9 168.7

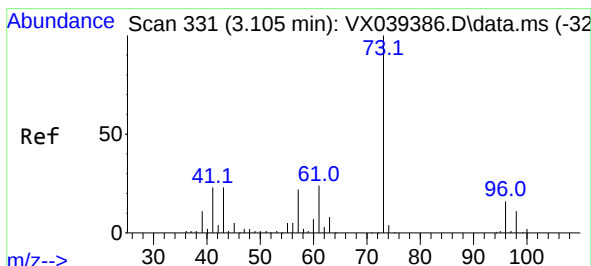
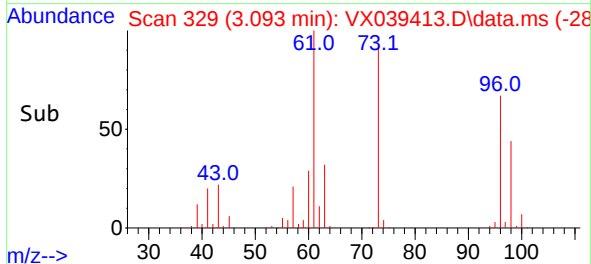
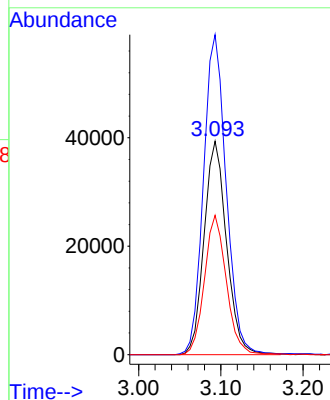
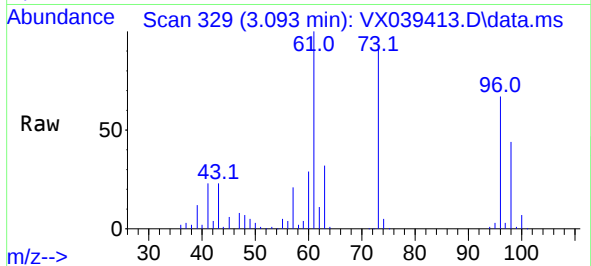




#17
trans-1,2-Dichloroethene
Concen: 54.028 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

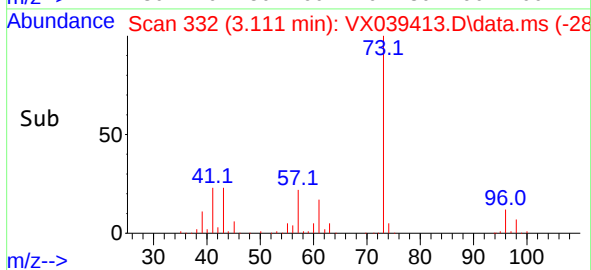
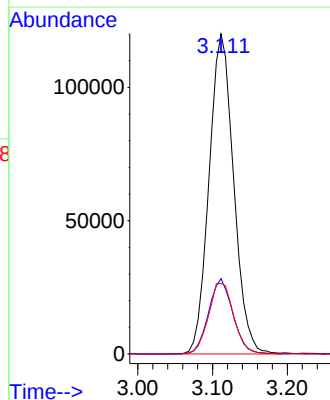
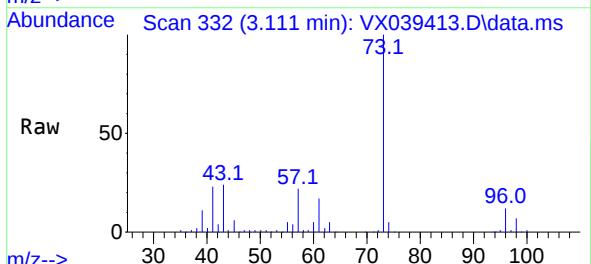
Instrument :
MSVOA_X
ClientSampleId :

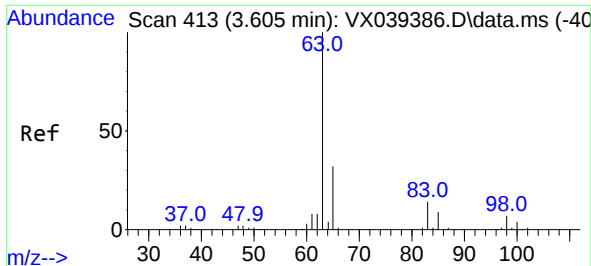
Tgt Ion: 96 Resp: 74777
Ion Ratio Lower Upper
96 100
61 149.9 99.8 185.3
98 65.3 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 57.151 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion: 73 Resp: 275334
Ion Ratio Lower Upper
73 100
43 23.2 16.9 25.3
57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 56.298 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

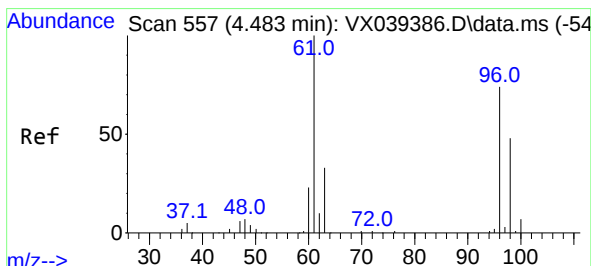
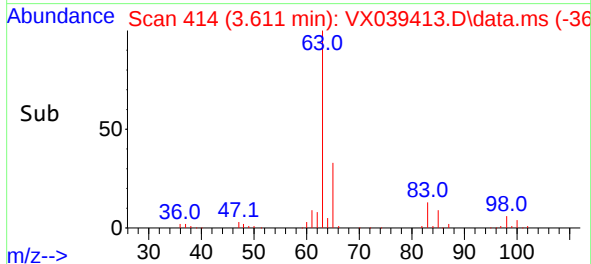
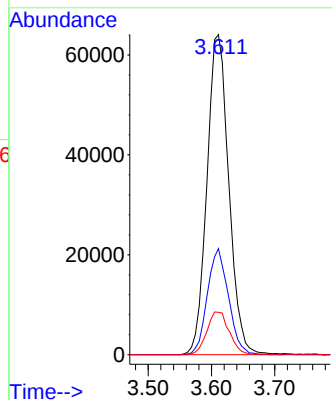
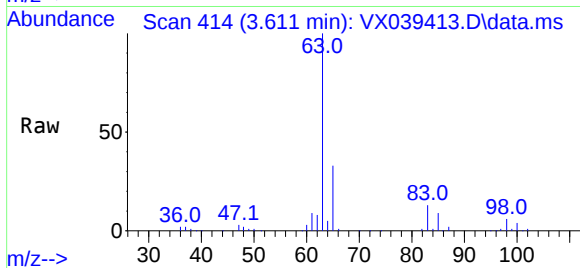
Tgt Ion: 63 Resp: 154068

Ion Ratio Lower Upper

63 100

65 33.2 21.1 39.3

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 54.698 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

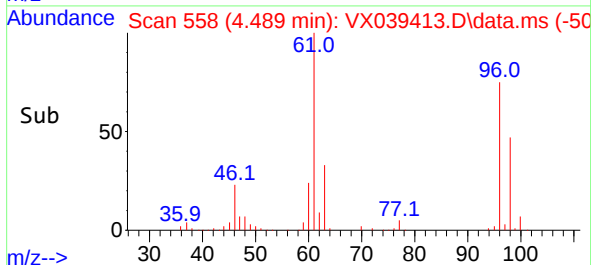
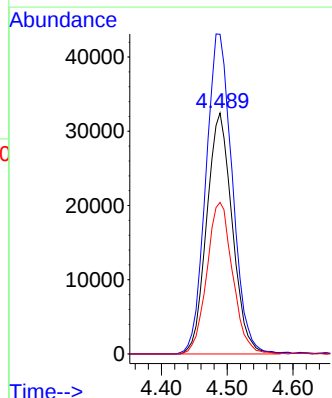
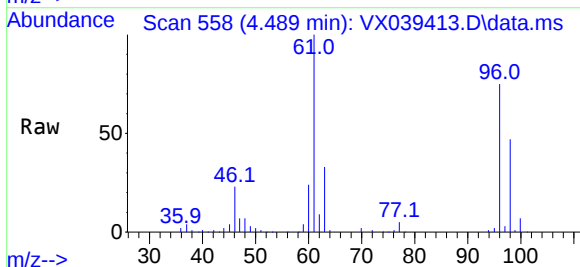
Tgt Ion: 96 Resp: 87809

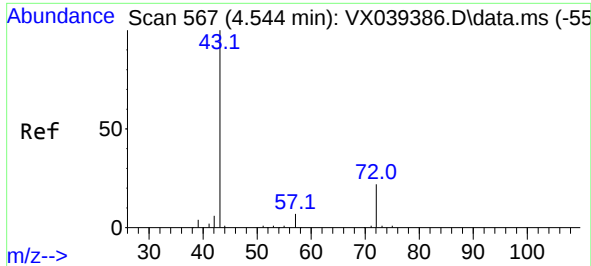
Ion Ratio Lower Upper

96 100

61 132.7 91.7 170.3

98 62.9 44.2 82.2

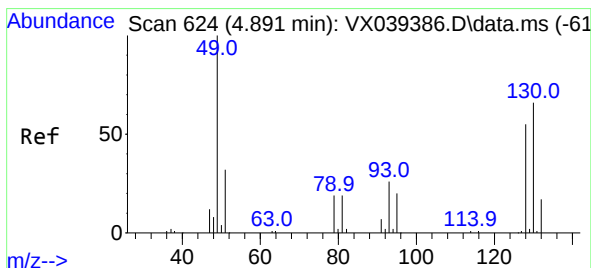
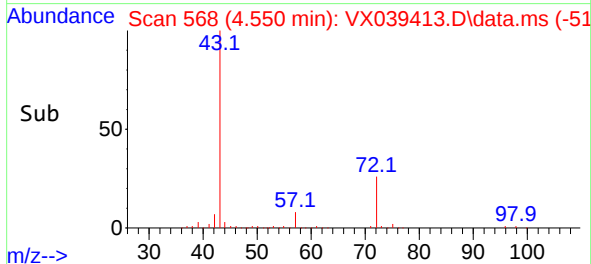
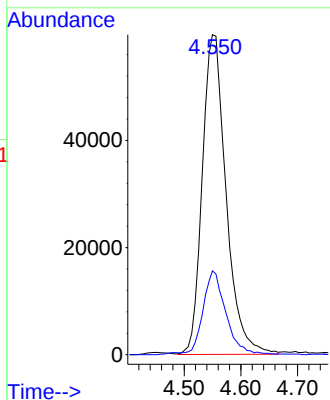
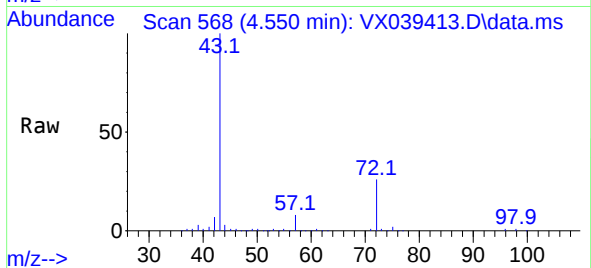




#22
2-Butanone
Concen: 102.086 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

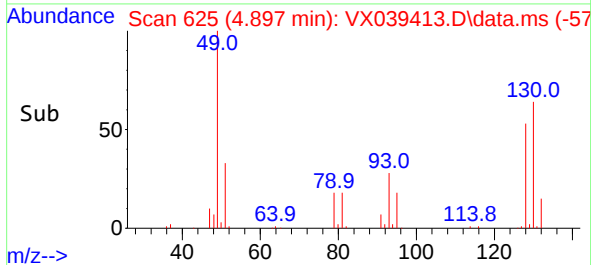
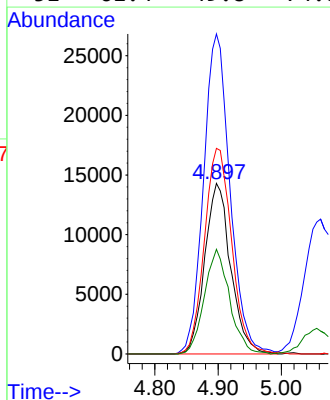
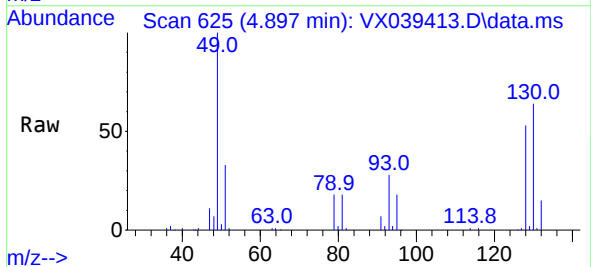
Instrument :
MSVOA_X
ClientSampleId :

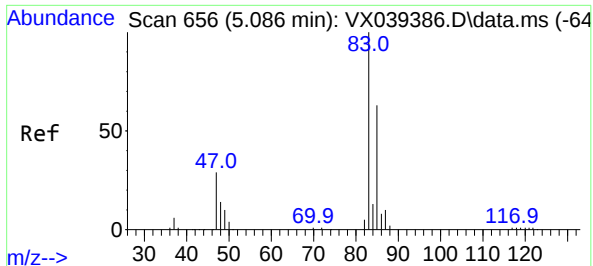
Tgt Ion: 43 Resp: 174244
Ion Ratio Lower Upper
43 100
72 23.7 12.6 37.6



#23
Bromochloromethane
Concen: 53.975 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:128 Resp: 40732
Ion Ratio Lower Upper
128 100
49 187.7 130.8 243.0
130 120.6 90.6 168.3
51 61.4 49.8 74.8





#25

Chloroform

Concen: 57.487 ug/L

RT: 5.092 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

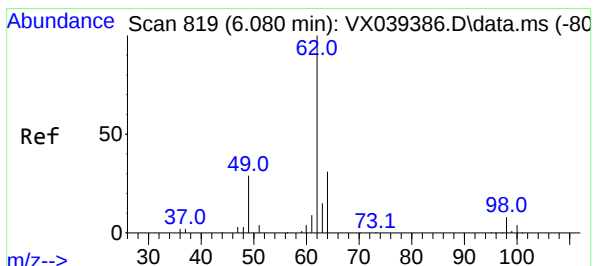
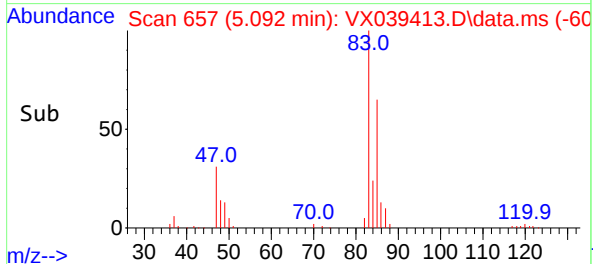
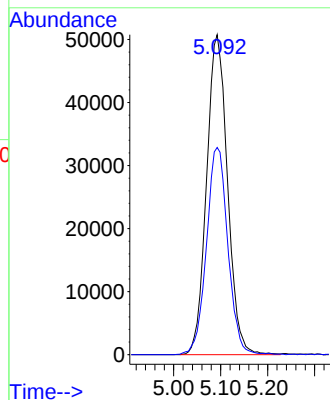
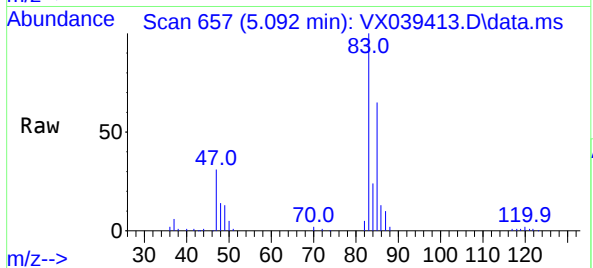
ClientSampleId :

Tgt Ion: 83 Resp: 156918

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 61.006 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX039413.D

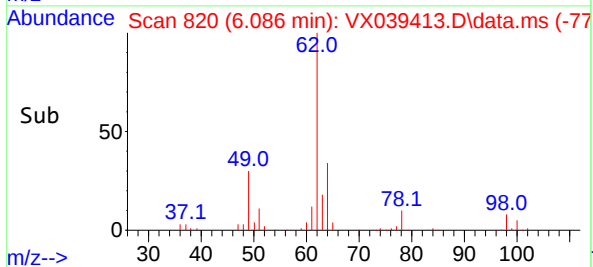
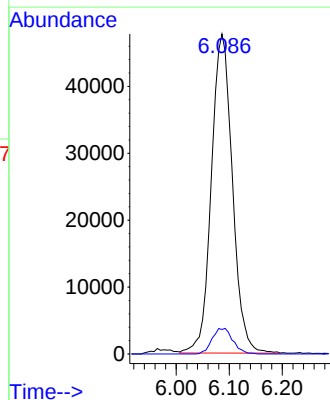
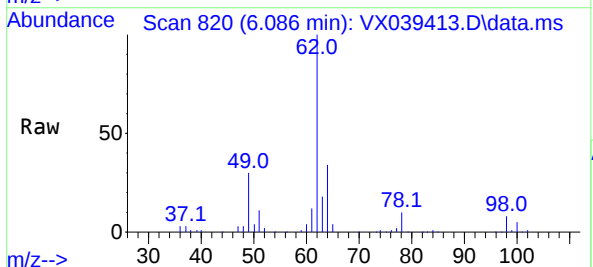
Acq: 20 Dec 2023 19:39

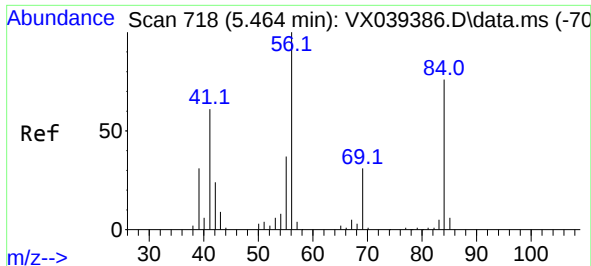
Tgt Ion: 62 Resp: 131430

Ion Ratio Lower Upper

62 100

98 7.7 8.0 12.0#





#29

Cyclohexane

Concen: 52.590 ug/L

RT: 5.477 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

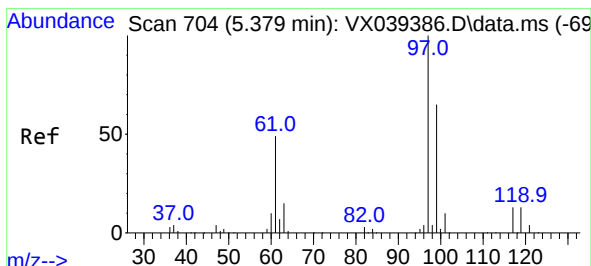
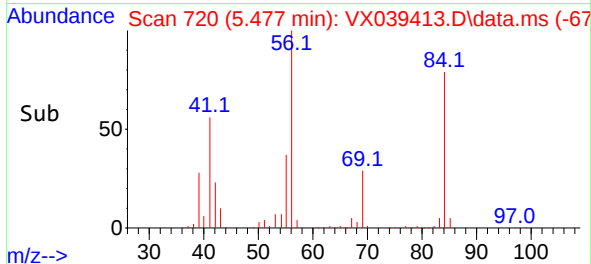
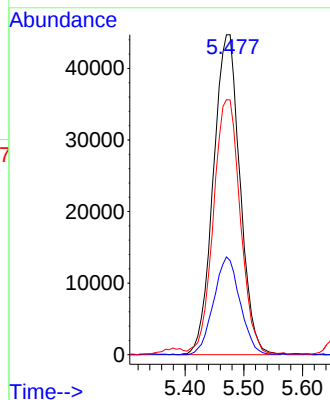
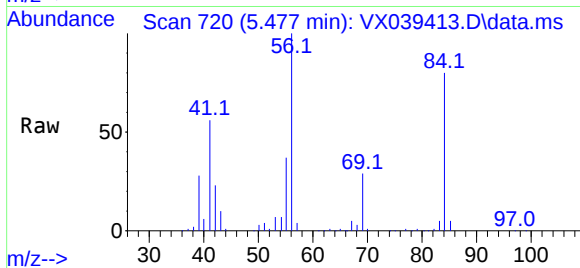
Tgt Ion: 56 Resp: 140684

Ion Ratio Lower Upper

56 100

69 30.2 24.5 36.7

84 80.2 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 55.343 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

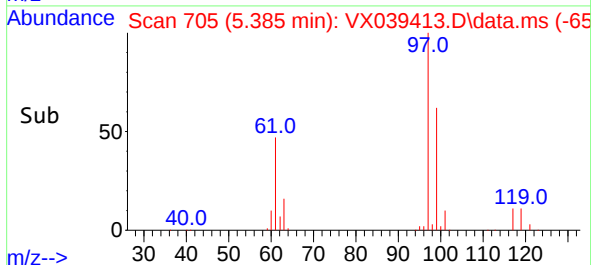
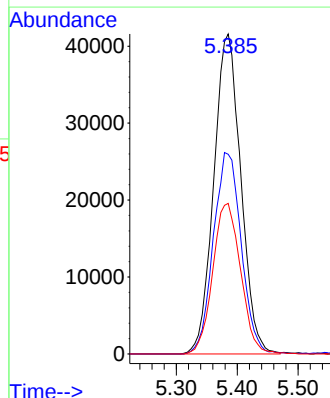
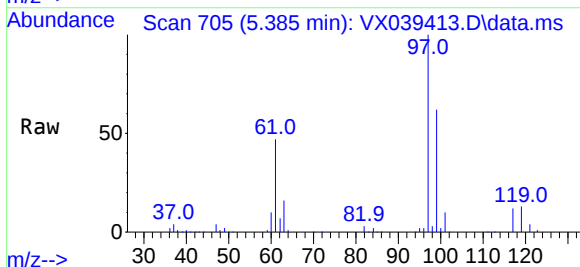
Tgt Ion: 97 Resp: 128409

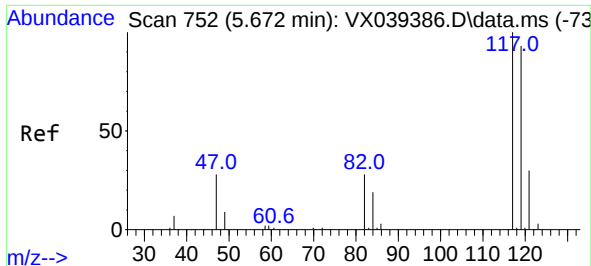
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 48.4 36.7 55.1

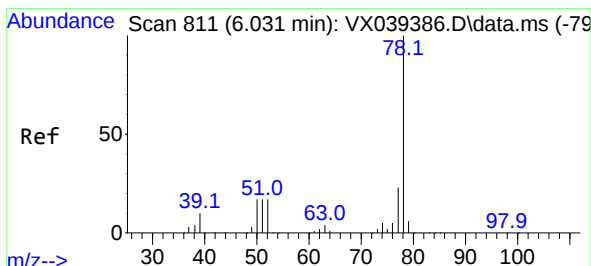
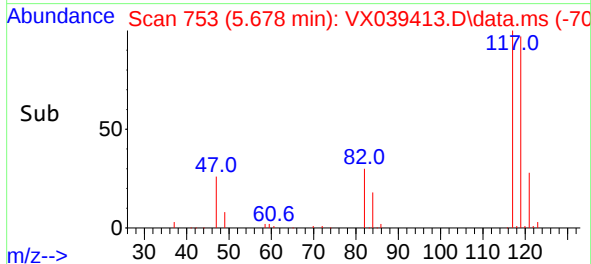
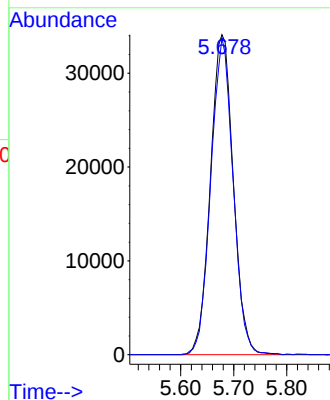
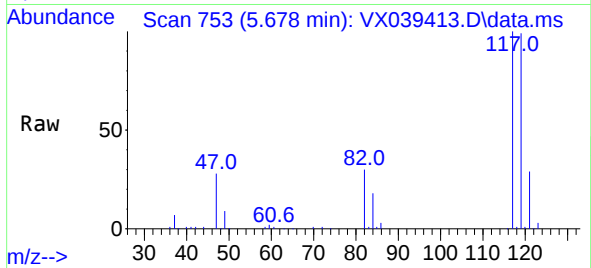




#31
Carbon tetrachloride
Concen: 52.802 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

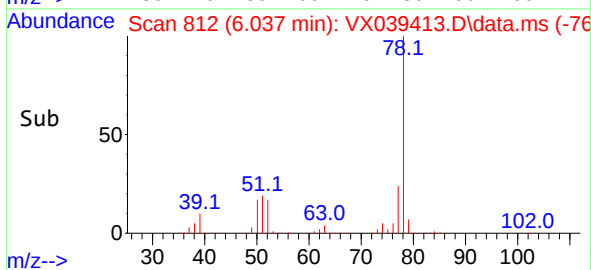
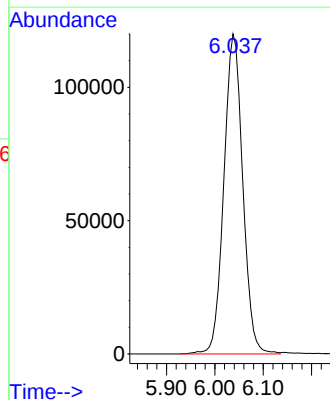
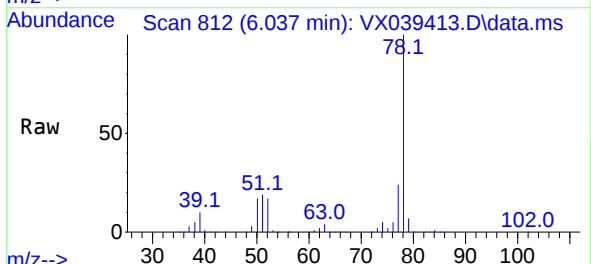
Instrument :
MSVOA_X
ClientSampleId :

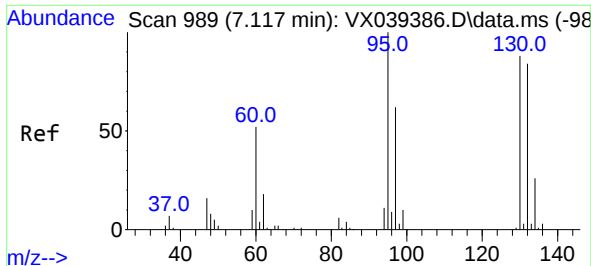
Tgt Ion:117 Resp: 102215
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4



#33
Benzene
Concen: 53.574 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

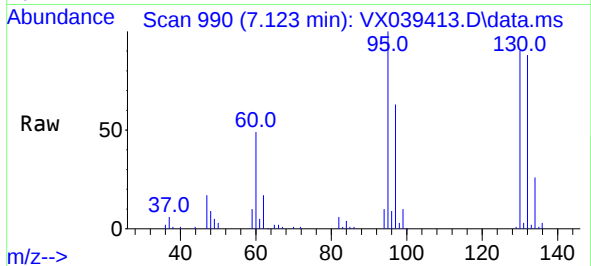
Tgt Ion: 78 Resp: 325581



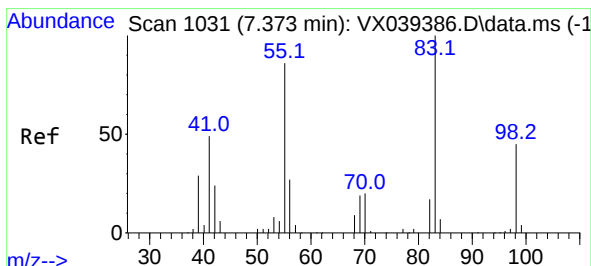
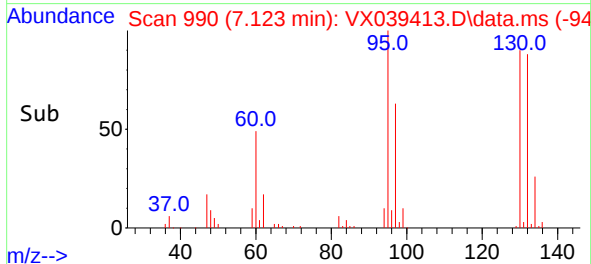
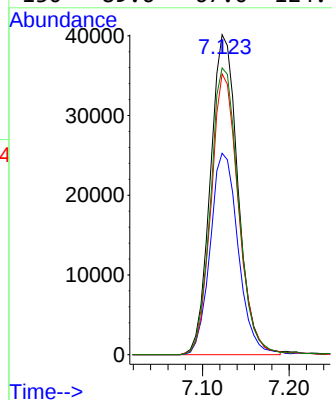


#34
Trichloroethene
Concen: 55.358 ug/L
RT: 7.123 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :

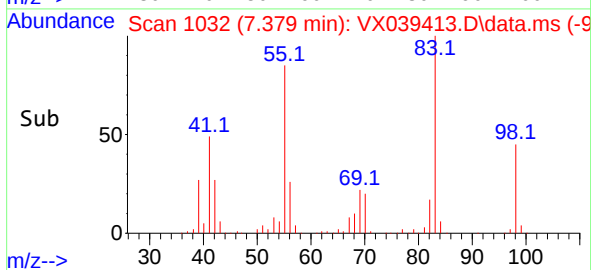
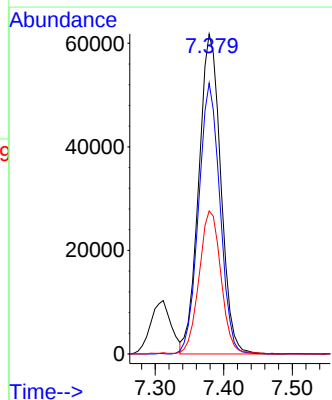
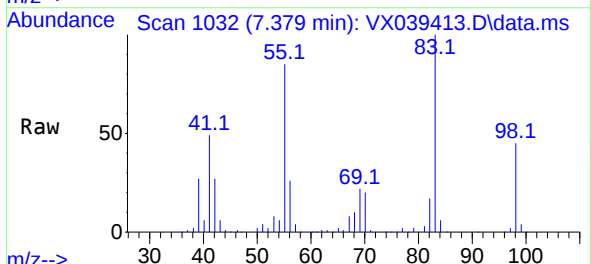


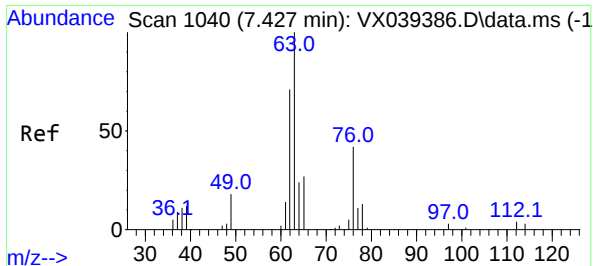
Tgt Ion: 95 Resp: 88908
Ion Ratio Lower Upper
95 100
97 62.9 45.5 84.5
132 87.7 62.2 115.4
130 89.6 67.0 124.4



#35
Methylcyclohexane
Concen: 51.574 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion: 83 Resp: 137950
Ion Ratio Lower Upper
83 100
55 82.0 62.5 93.7
98 44.5 36.1 54.1

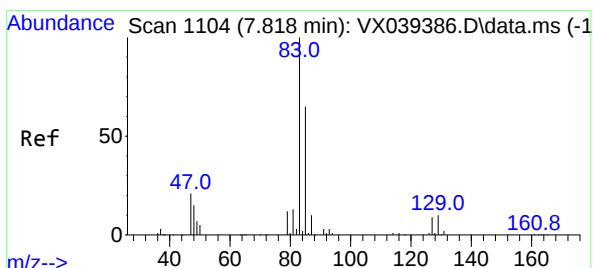
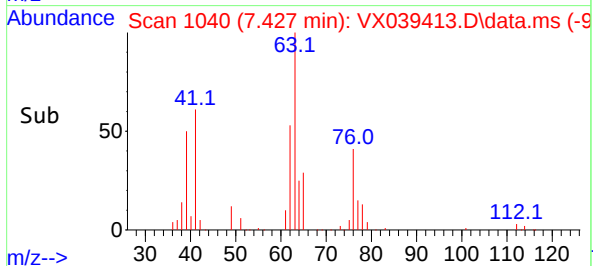
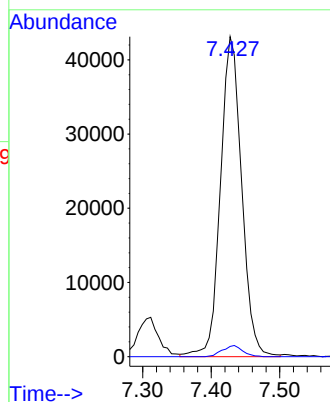
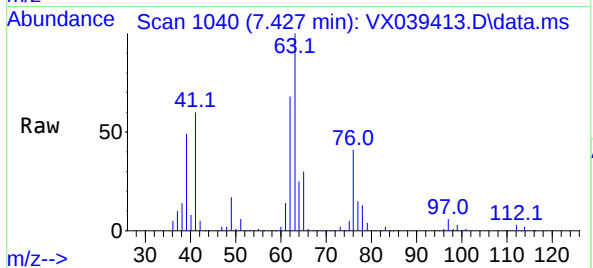




#37
1,2-Dichloropropane
Concen: 54.890 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

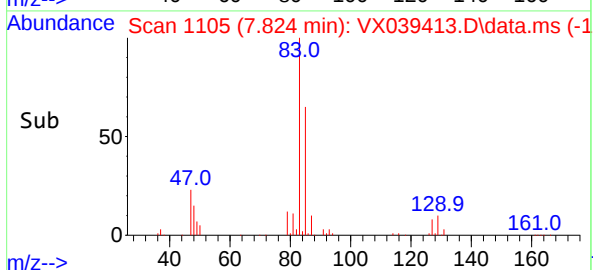
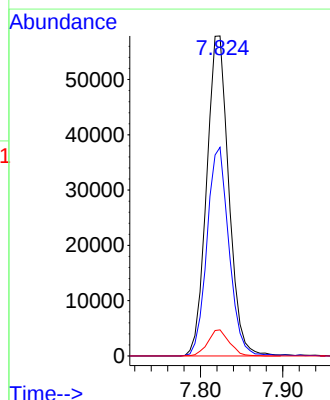
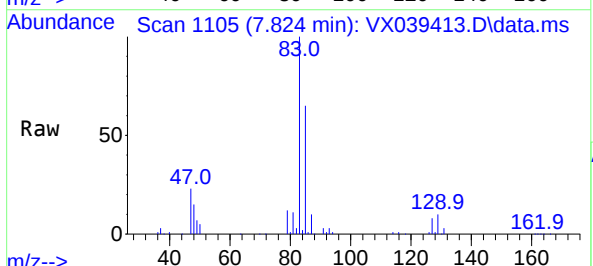
Instrument :
MSVOA_X
ClientSampleId :

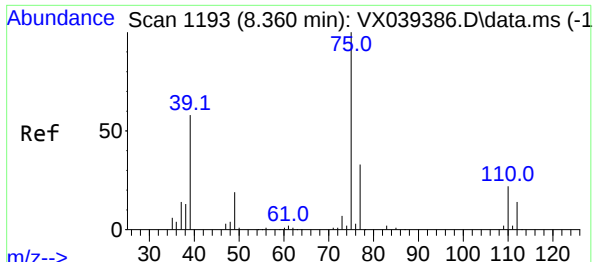
Tgt Ion: 63 Resp: 92513
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#38
Bromodichloromethane
Concen: 52.925 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion: 83 Resp: 108494
Ion Ratio Lower Upper
83 100
85 65.2 43.3 80.5
127 8.2 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 51.754 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

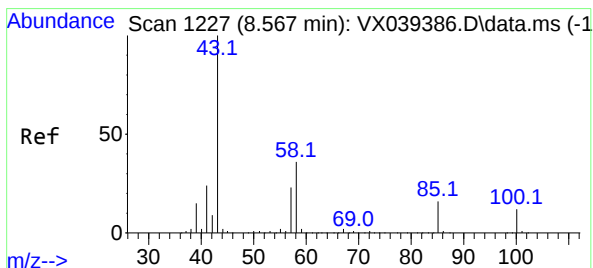
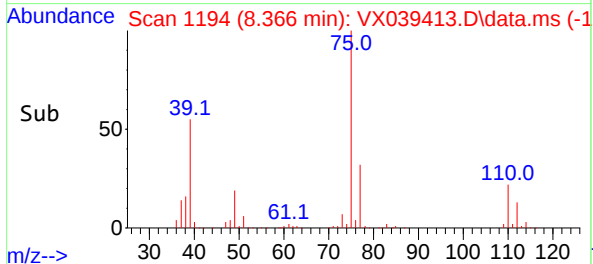
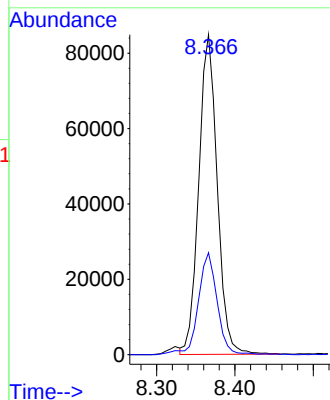
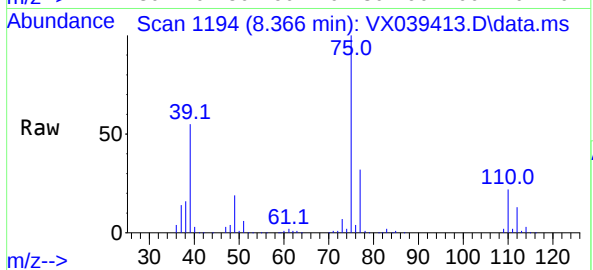
ClientSampleId :

Tgt Ion: 75 Resp: 139121

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 111.327 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

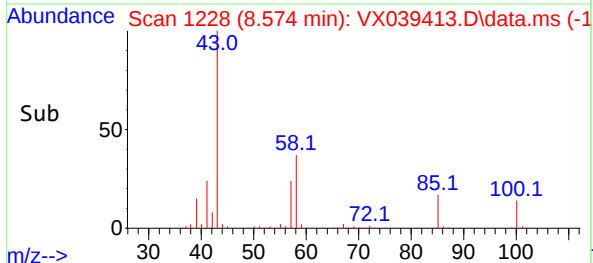
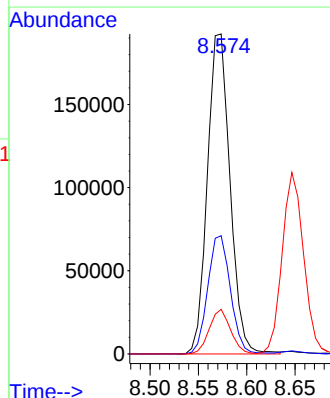
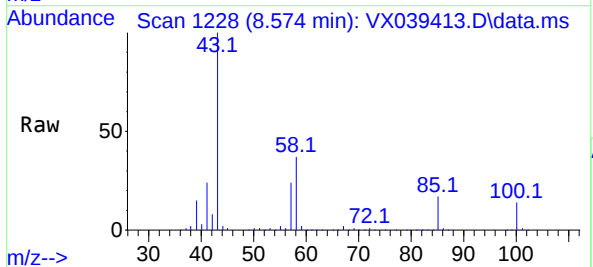
Tgt Ion: 43 Resp: 314470

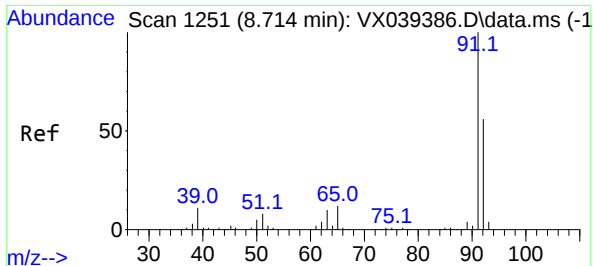
Ion Ratio Lower Upper

43 100

58 37.0 30.9 46.3

100 13.1 10.6 16.0





#42

Toluene

Concen: 53.684 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

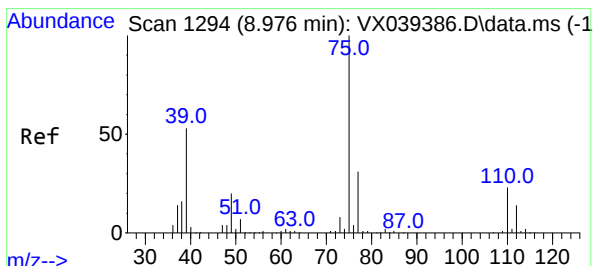
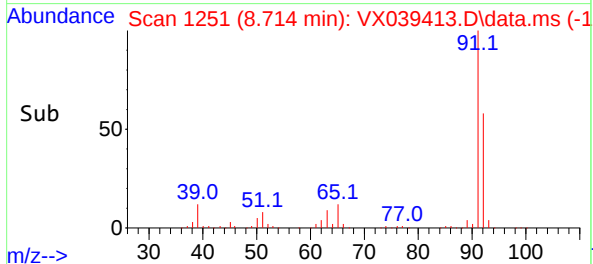
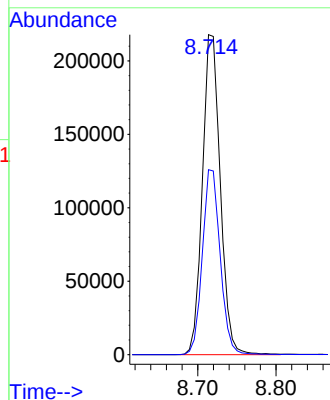
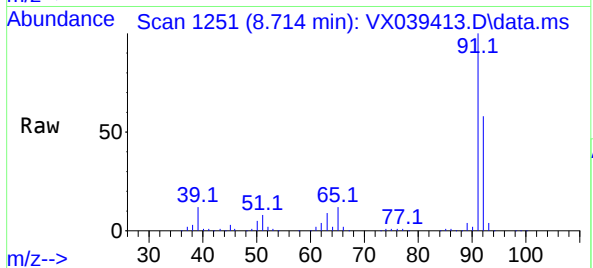
ClientSampleId :

Tgt Ion: 91 Resp: 345963

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 52.942 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039413.D

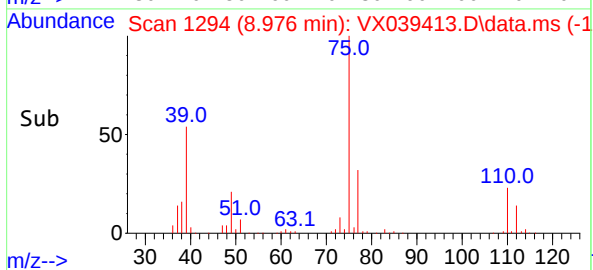
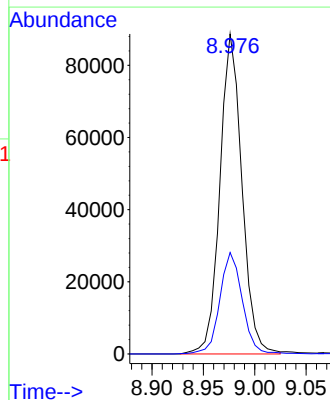
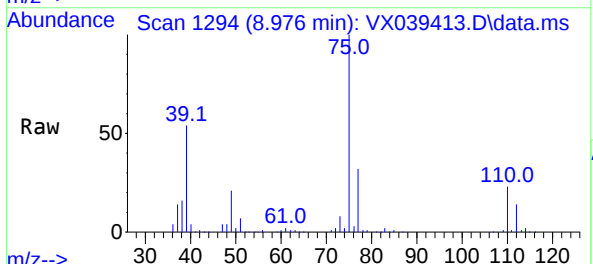
Acq: 20 Dec 2023 19:39

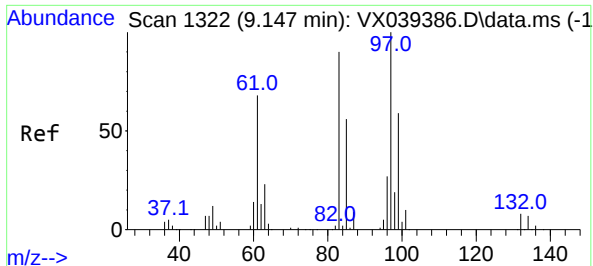
Tgt Ion: 75 Resp: 132067

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



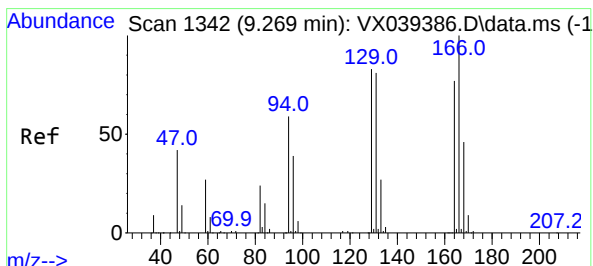
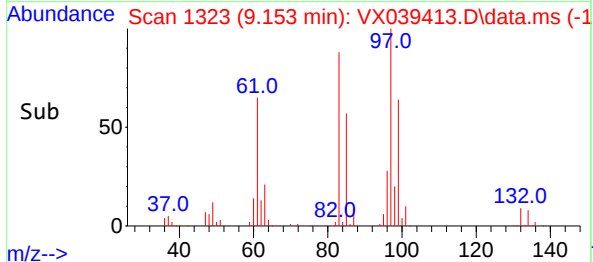
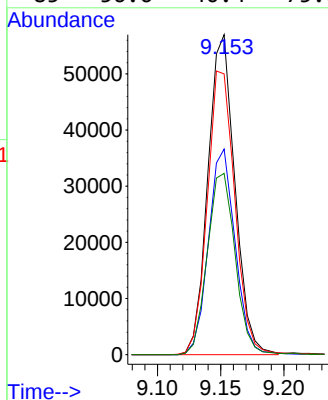
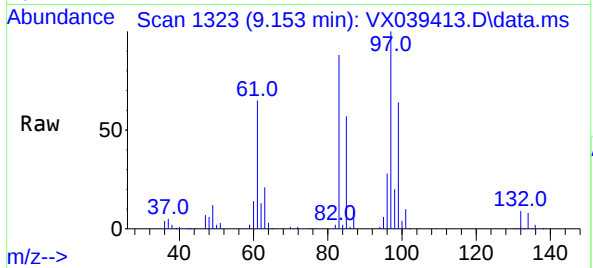


#45
1,1,2-Trichloroethane
Concen: 54.706 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 84497

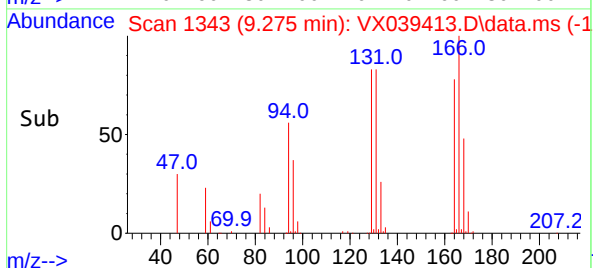
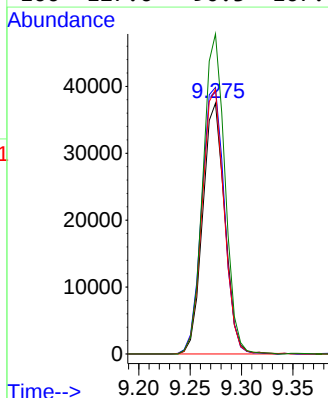
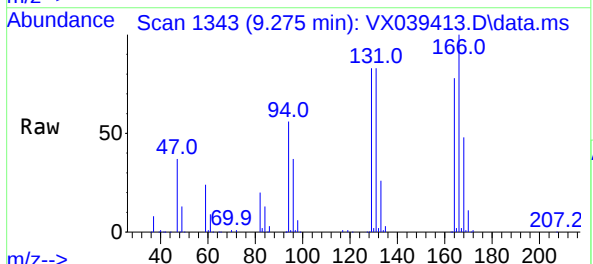
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.1	80.1
83	87.8	64.0	118.8
85	56.6	40.4	75.0

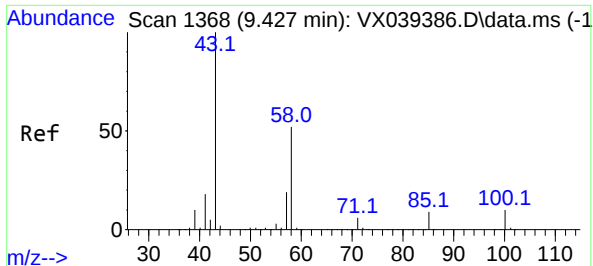


#46
Tetrachloroethene
Concen: 52.744 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion: 164 Resp: 55880

Ion	Ratio	Lower	Upper
164	100		
129	106.3	71.9	133.5
131	105.5	69.5	129.1
166	127.6	90.3	167.7





#48

2-Hexanone

Concen: 107.797 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 254852

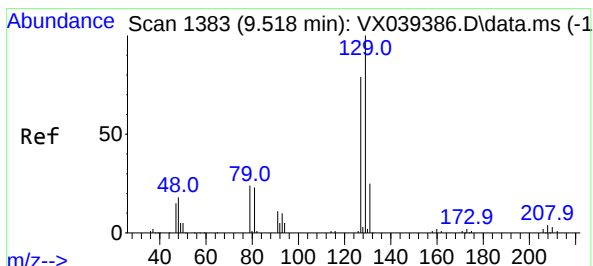
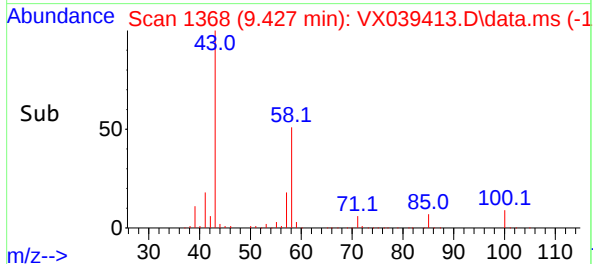
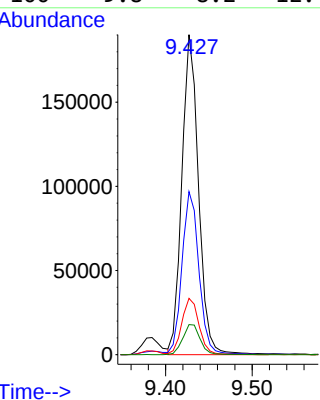
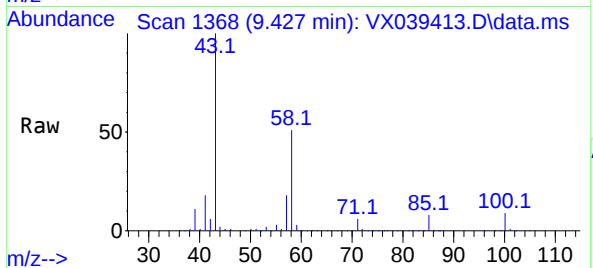
Ion Ratio Lower Upper

43 100

58 52.0 43.0 64.6

57 18.1 14.6 21.8

100 9.8 8.2 12.4



#49

Dibromochloromethane

Concen: 51.384 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039413.D

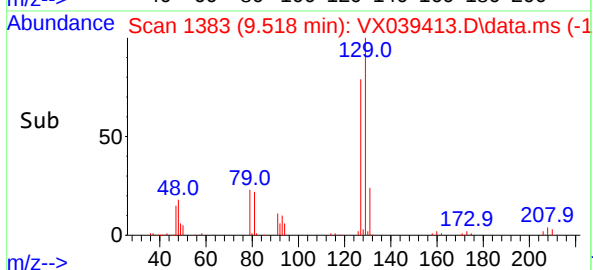
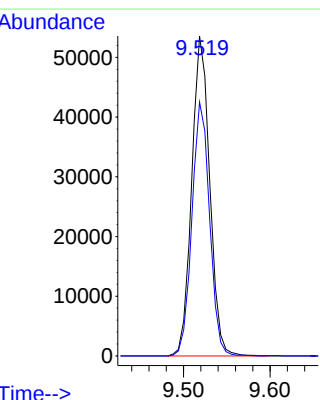
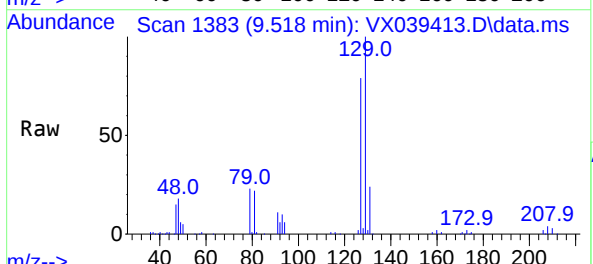
Acq: 20 Dec 2023 19:39

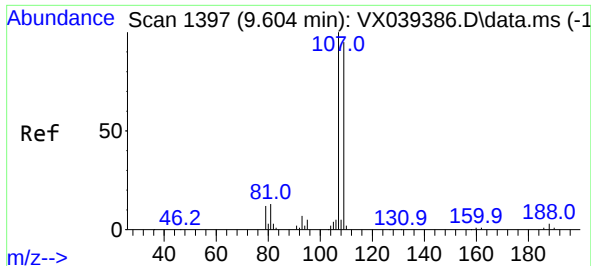
Tgt Ion:129 Resp: 77319

Ion Ratio Lower Upper

129 100

127 79.4 55.2 102.4

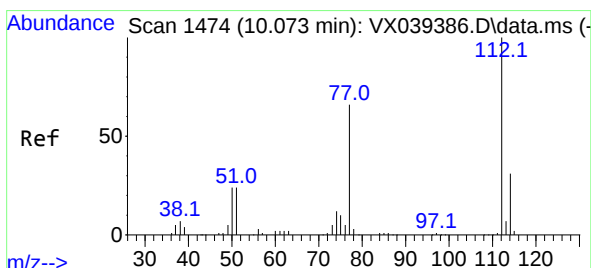
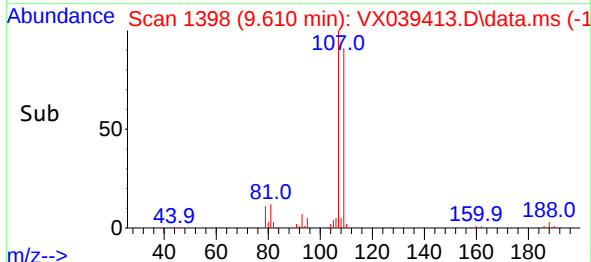
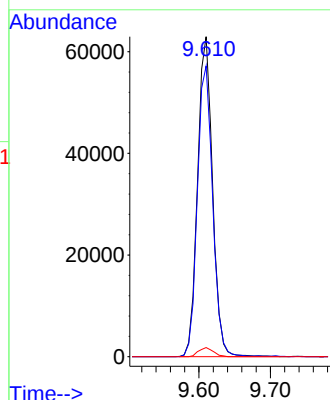
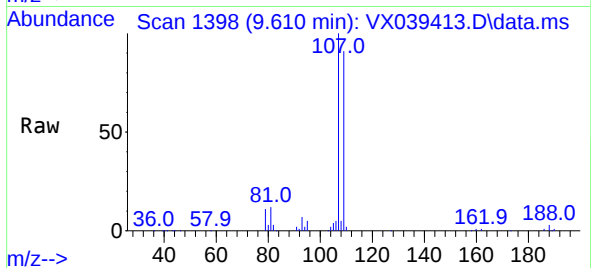




#50
1,2-Dibromoethane
Concen: 55.240 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

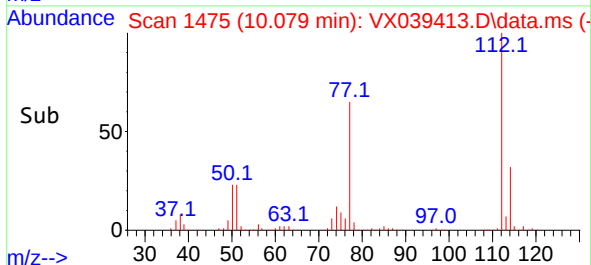
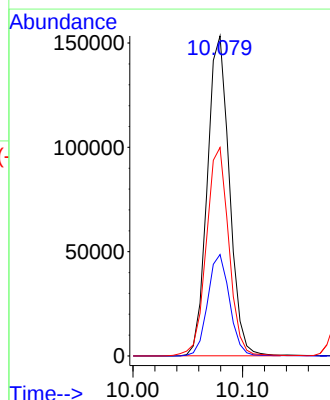
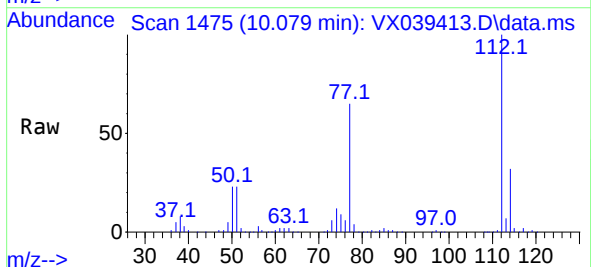
Instrument :
MSVOA_X
ClientSampleId :

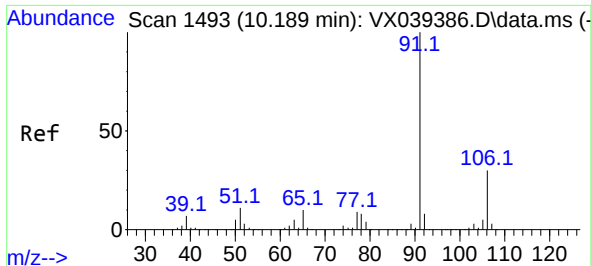
Tgt Ion:107 Resp: 91408
Ion Ratio Lower Upper
107 100
109 90.9 65.2 121.0
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 53.863 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:112 Resp: 214410
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.4
77 65.2 49.0 73.6

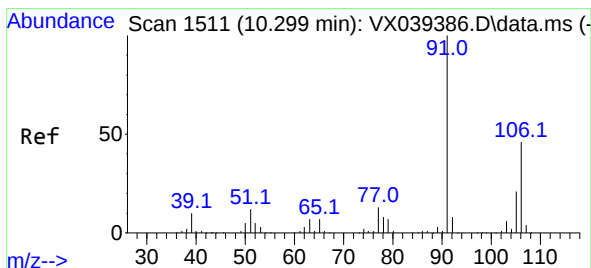
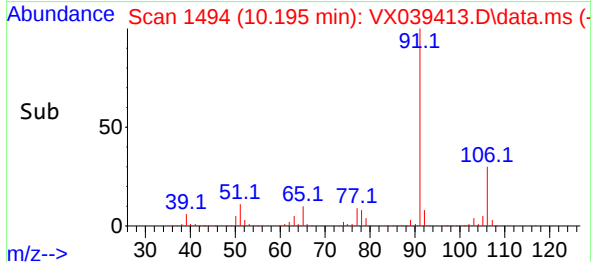
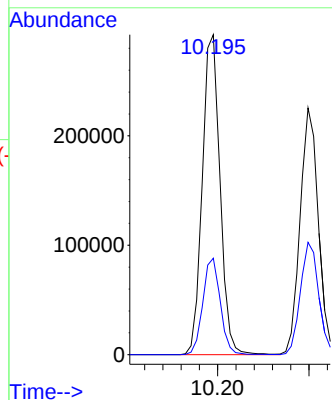
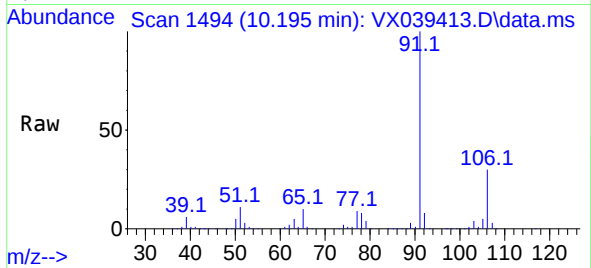




#52
Ethylbenzene
Concen: 54.571 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

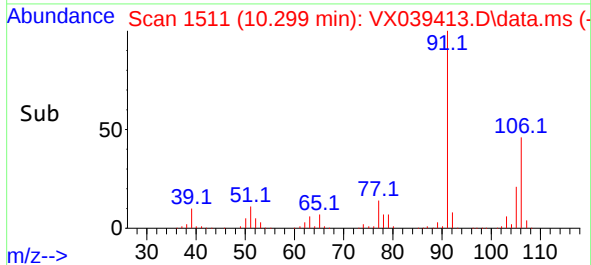
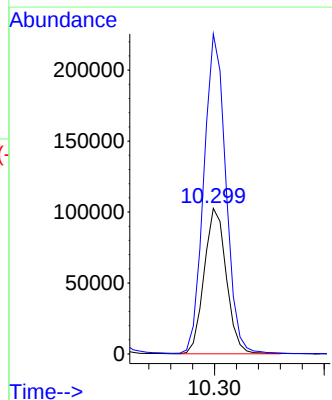
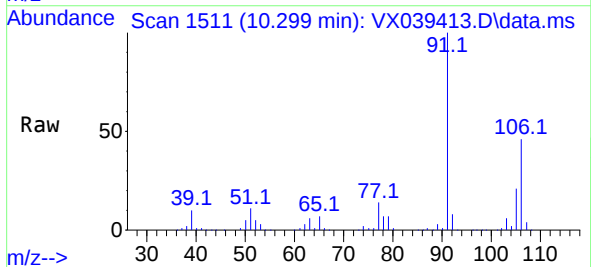
Instrument :
MSVOA_X
ClientSampleId :

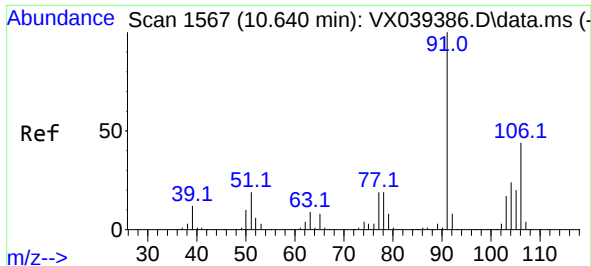
Tgt Ion: 91 Resp: 393155
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 53.117 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:106 Resp: 143079
Ion Ratio Lower Upper
106 100
91 219.7 149.0 276.8

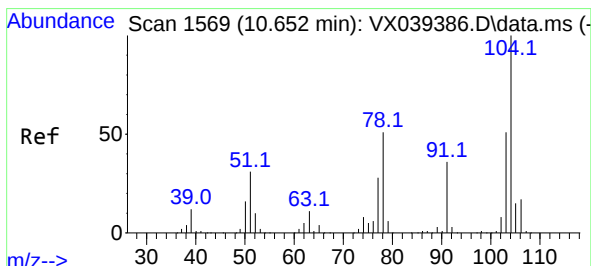
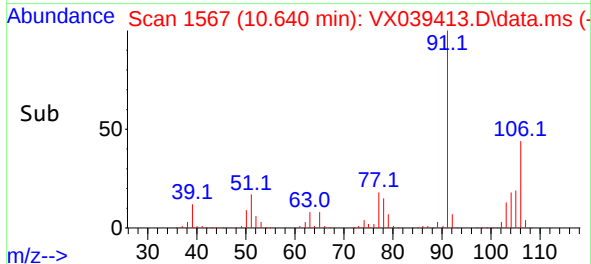
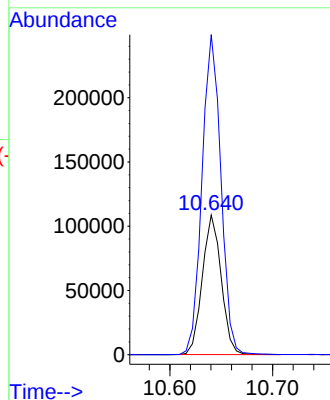
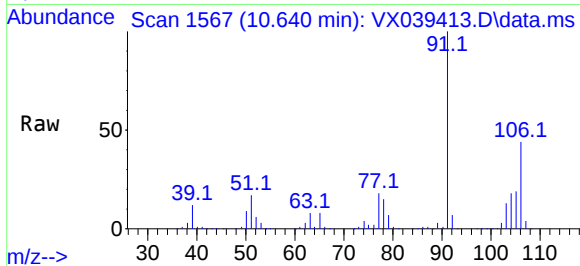




#54
o-Xylene
Concen: 53.705 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

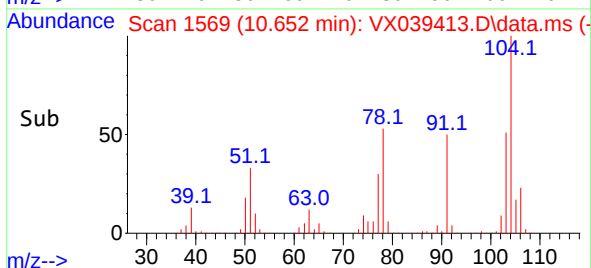
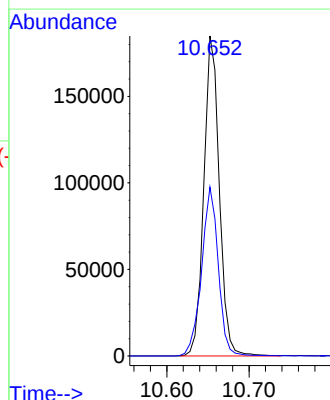
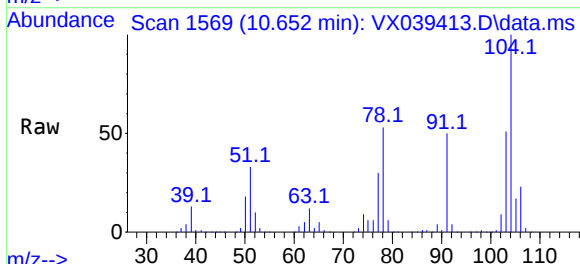
Instrument :
MSVOA_X
ClientSampleId :

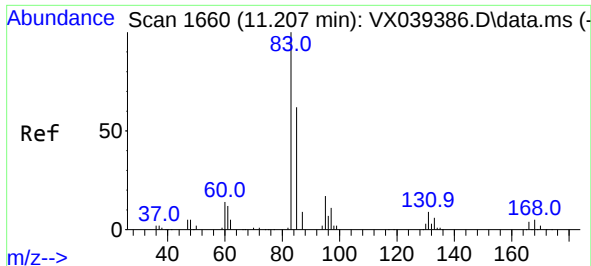
Tgt Ion:106 Resp: 138813
Ion Ratio Lower Upper
106 100
91 229.1 156.2 290.0



#55
Styrene
Concen: 54.809 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:104 Resp: 242397
Ion Ratio Lower Upper
104 100
78 52.8 33.5 62.1

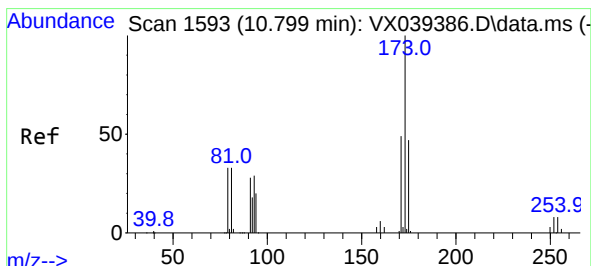
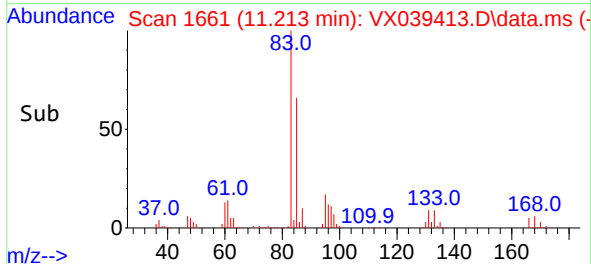
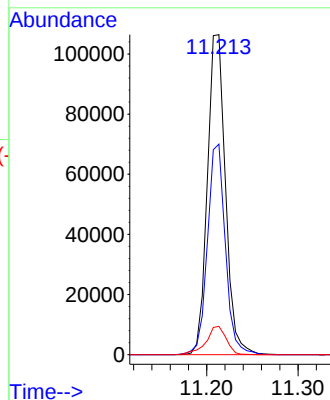
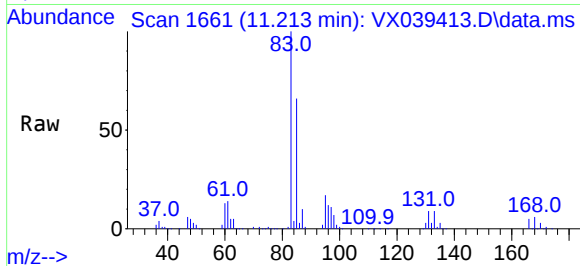




#57
1,1,2,2-Tetrachloroethane
Concen: 54.492 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

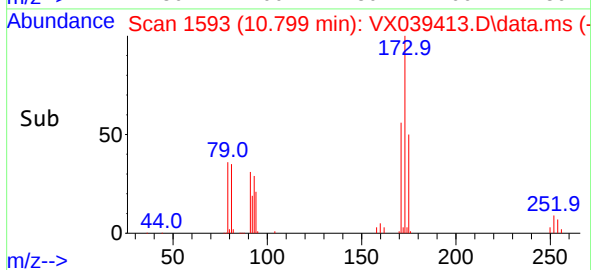
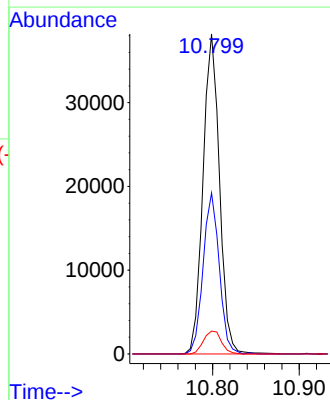
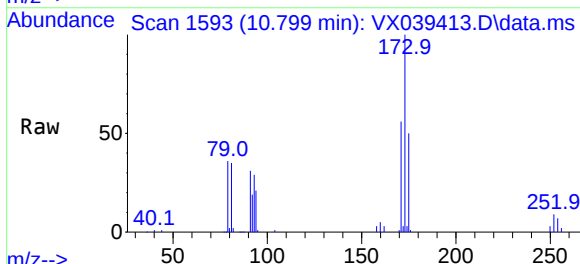
Instrument :
MSVOA_X
ClientSampleId :

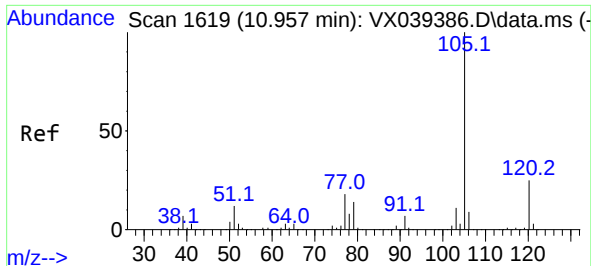
Tgt Ion: 83 Resp: 146888
Ion Ratio Lower Upper
83 100
85 65.8 45.2 84.0
131 8.8 7.2 10.8



#59
Bromoform
Concen: 44.364 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

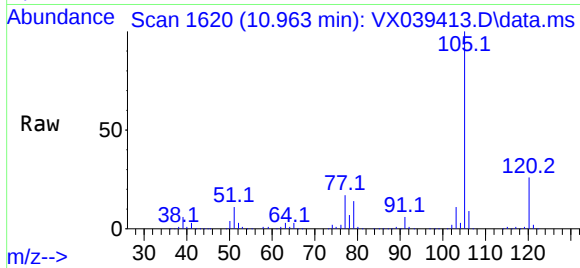
Tgt Ion:173 Resp: 50482
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 7.8 6.2 9.2



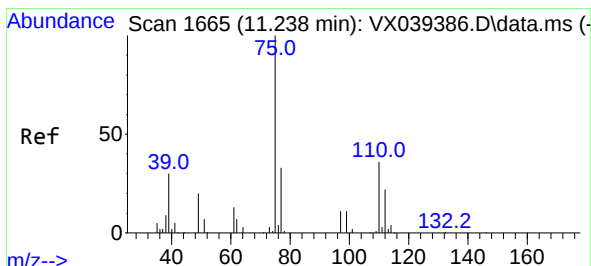
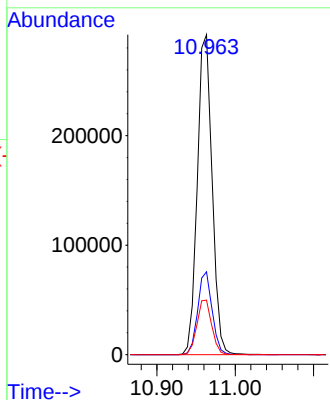
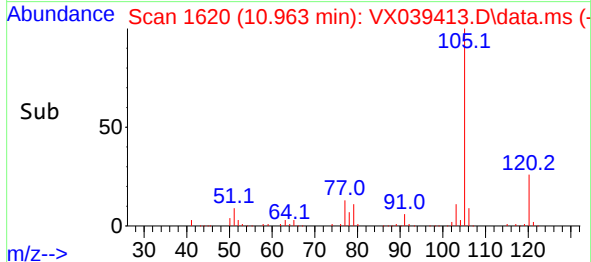


#60
Isopropylbenzene
Concen: 54.278 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

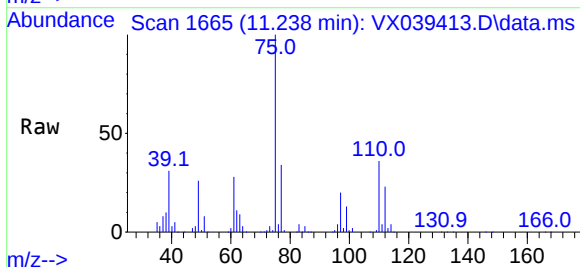
Instrument :
MSVOA_X
ClientSampleId :



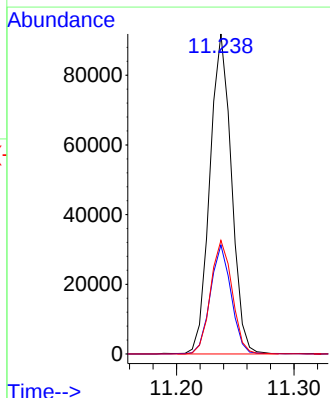
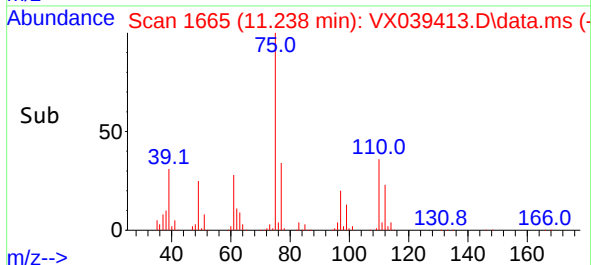
Tgt Ion:105 Resp: 384009
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 17.1 13.0 19.6

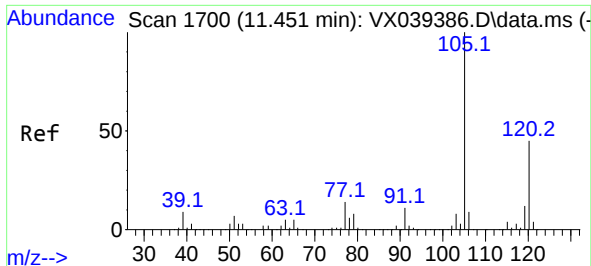


#61
1,2,3-Trichloropropane
Concen: 55.298 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39



Tgt Ion: 75 Resp: 117284
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
110 35.4 28.4 42.6

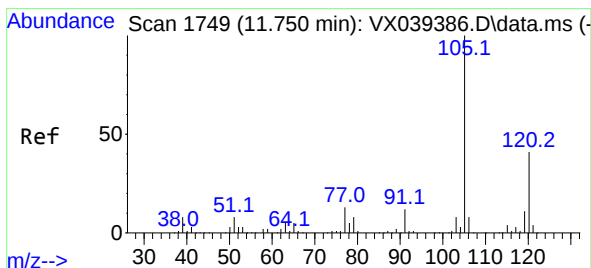
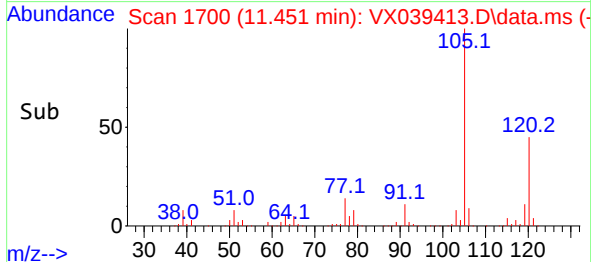
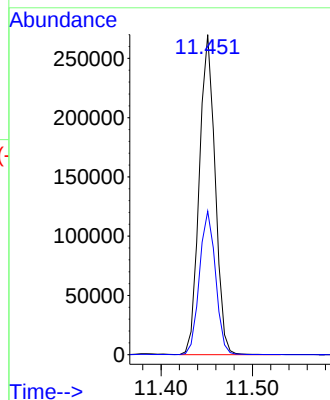
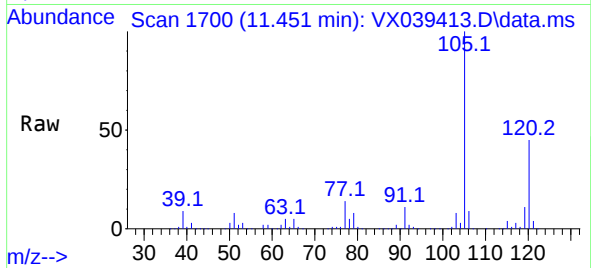




#62
1,3,5-Trimethylbenzene
Concen: 54.409 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

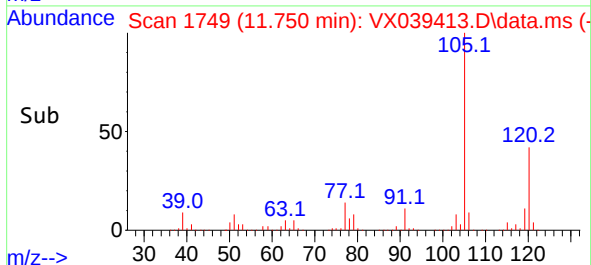
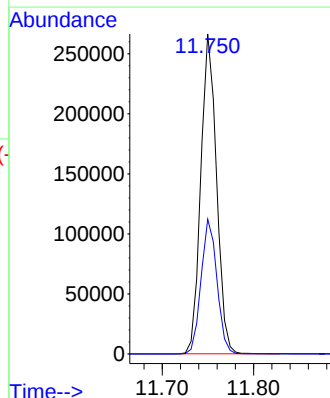
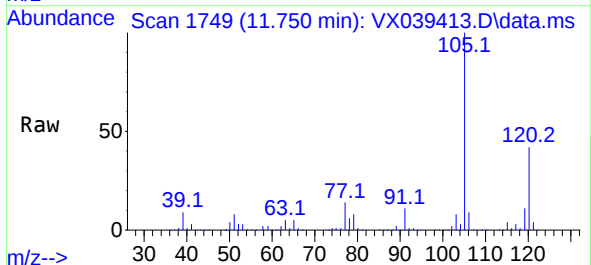
Instrument :
MSVOA_X
ClientSampleId :

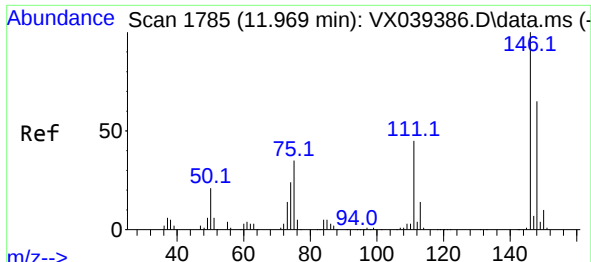
Tgt Ion:105 Resp: 324979
Ion Ratio Lower Upper
105 100
120 45.5 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 54.304 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:105 Resp: 318045
Ion Ratio Lower Upper
105 100
120 42.4 34.9 52.3

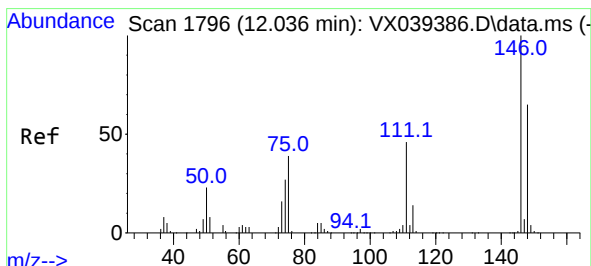
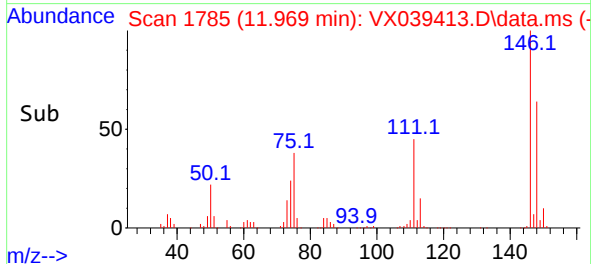
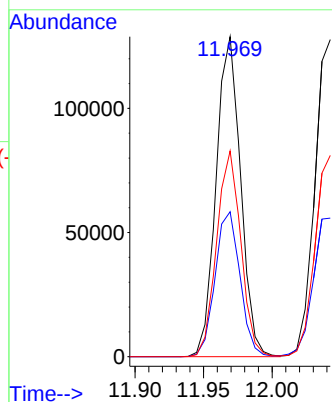
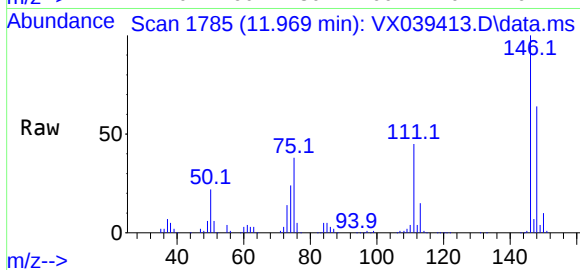




#64
1,3-Dichlorobenzene
Concen: 52.815 ug/L
RT: 11.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

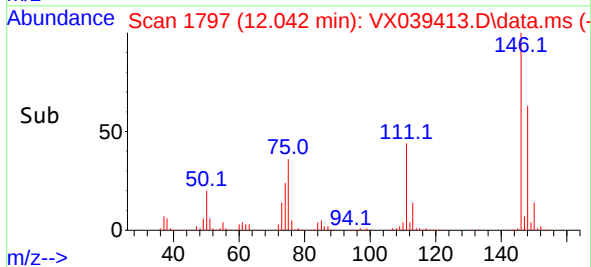
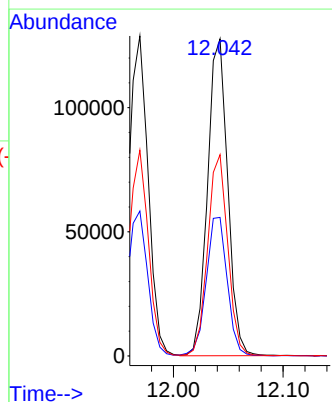
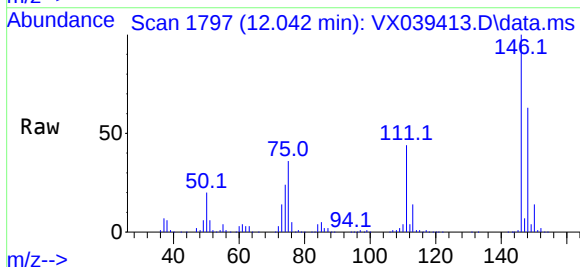
Instrument :
MSVOA_X
ClientSampleId :

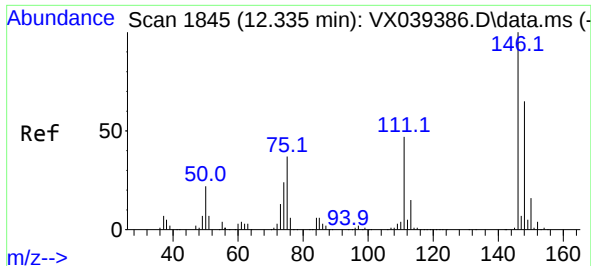
Tgt Ion:146 Resp: 159933
Ion Ratio Lower Upper
146 100
111 45.3 30.0 55.6
148 64.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 53.167 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:146 Resp: 163144
Ion Ratio Lower Upper
146 100
111 43.7 29.7 55.1
148 63.5 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 52.908 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

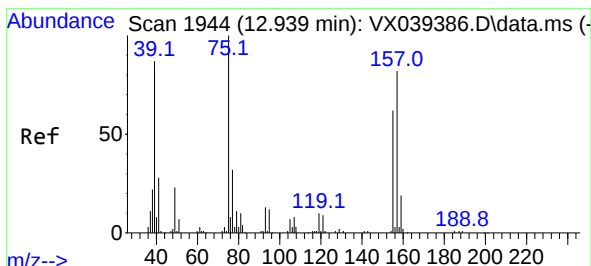
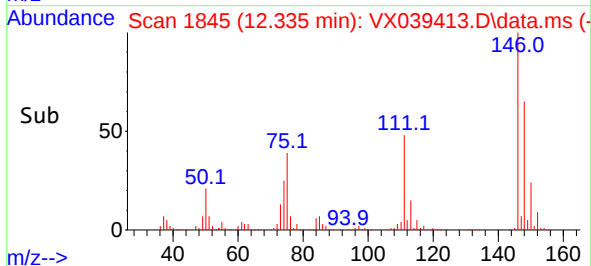
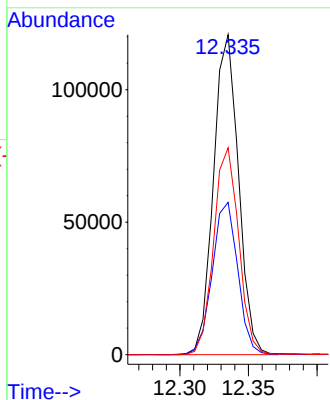
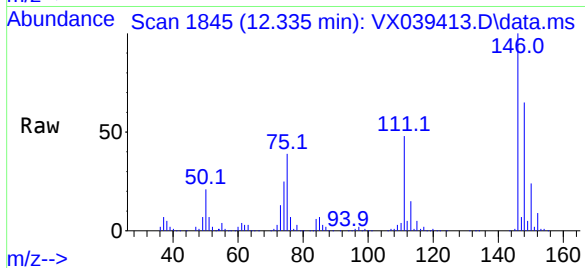
Tgt Ion:146 Resp: 153257

Ion Ratio Lower Upper

146 100

111 47.6 36.4 54.6

148 64.7 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.230 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039413.D

Acq: 20 Dec 2023 19:39

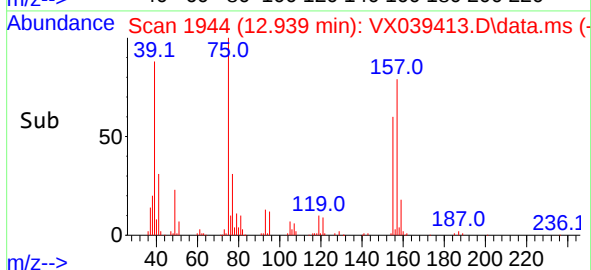
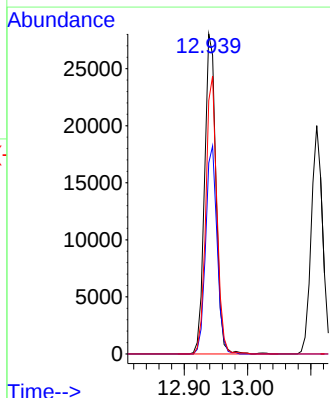
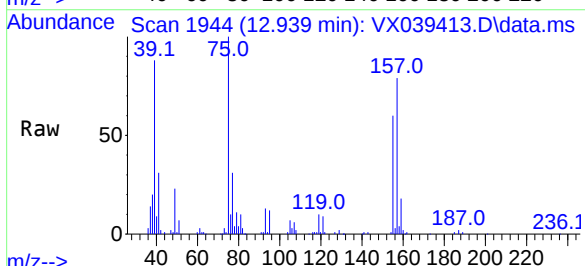
Tgt Ion: 75 Resp: 35235

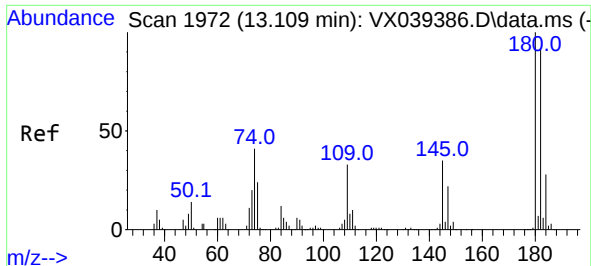
Ion Ratio Lower Upper

75 100

155 59.7 52.3 78.5

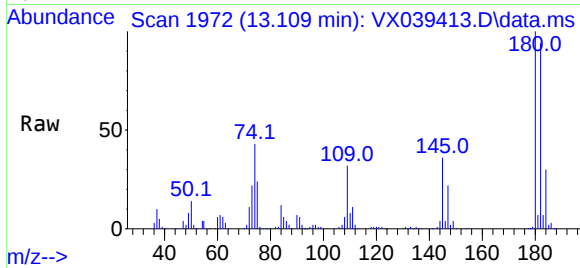
157 79.2 68.7 103.1



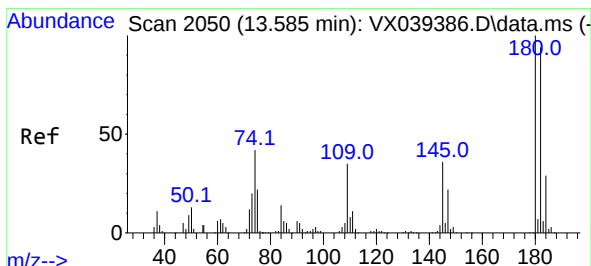
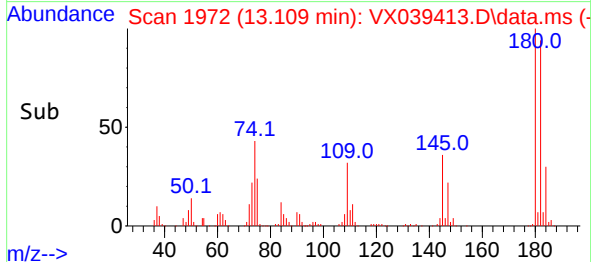
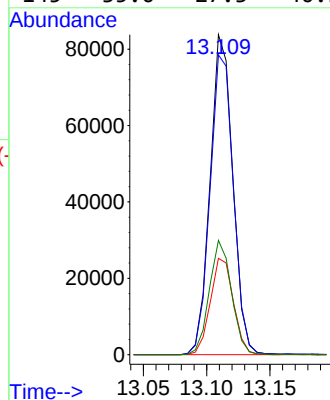


#69
1,3,5-Trichlorobenzene
Concen: 52.157 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :

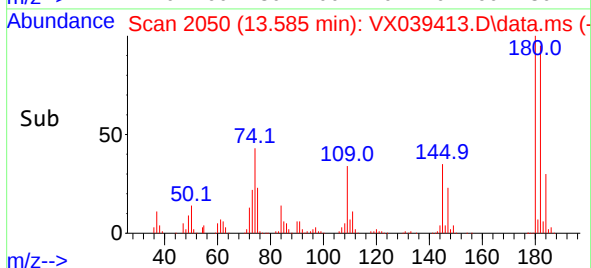
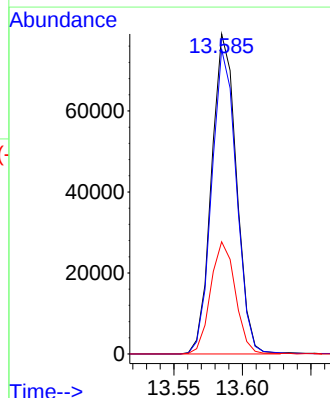
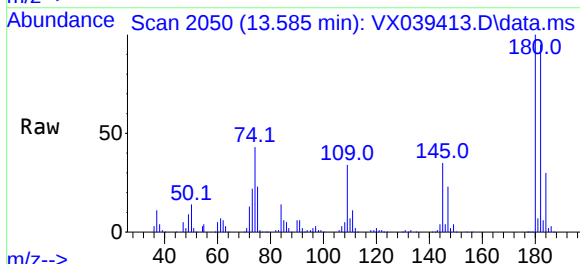


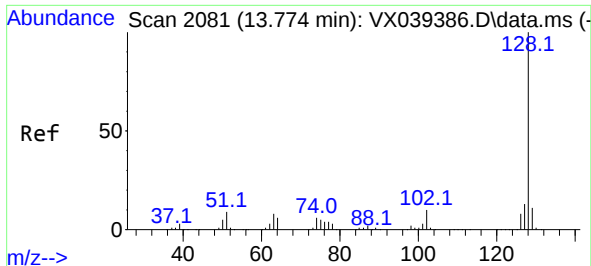
Tgt Ion:180 Resp: 104450
Ion Ratio Lower Upper
180 100
182 96.3 76.1 114.1
184 30.6 24.1 36.1
145 35.0 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 52.822 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:180 Resp: 99722
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 34.8 27.8 41.6

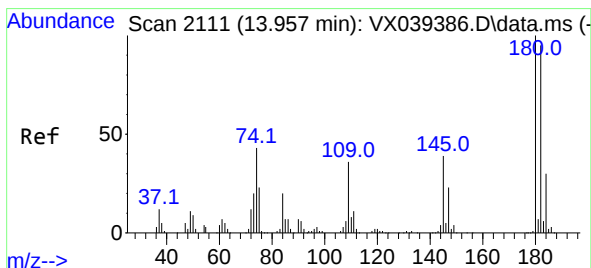
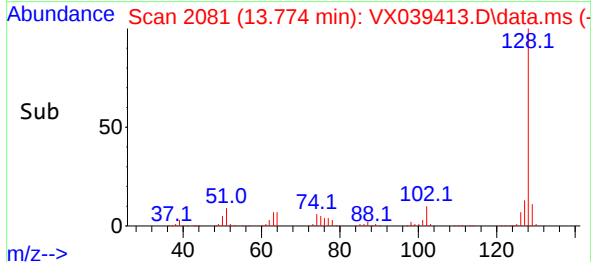
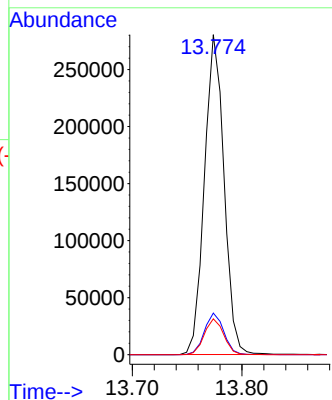
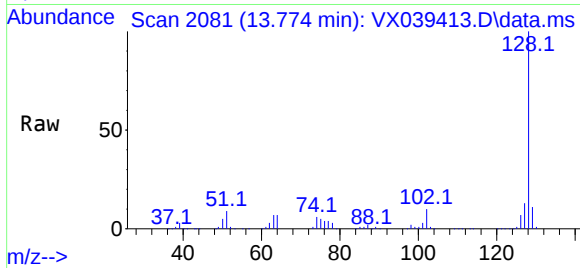




#71
Naphthalene
Concen: 53.746 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 347984
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.869 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039413.D
Acq: 20 Dec 2023 19:39

Tgt Ion:180 Resp: 96644
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 37.3 28.6 42.8

