

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038746.D
 Acq On : 10 Nov 2023 23:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 02:02:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	306336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	461368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	261523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185272	48.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.160%
35) Dibromofluoromethane	5.379	113	170603	51.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	8.647	98	606522	51.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.079	95	242382	52.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	159589	50.165	ug/l	99
3) Chloromethane	1.294	50	123266	44.829	ug/l	98
4) Vinyl Chloride	1.374	62	139673	47.715	ug/l	98
5) Bromomethane	1.599	94	108450	48.000	ug/l	97
6) Chloroethane	1.684	64	88200	47.587	ug/l	97
7) Trichlorofluoromethane	1.886	101	263092	52.133	ug/l	99
8) Diethyl Ether	2.130	74	84800	48.950	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	151916	50.912	ug/l	89
10) Methyl Iodide	2.453	142	206245	55.966	ug/l	92
11) Tert butyl alcohol	2.953	59	202190	259.339	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	141372	49.450	ug/l	# 77
13) Acrolein	2.233	56	131712	222.899	ug/l	100
14) Allyl chloride	2.660	41	189723	46.332	ug/l	# 93
15) Acrylonitrile	3.056	53	409673	248.988	ug/l	100
16) Acetone	2.373	43	355283	221.199	ug/l	90
17) Carbon Disulfide	2.507	76	342924	45.143	ug/l	99
18) Methyl Acetate	2.696	43	346142	50.584	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	455240	49.795	ug/l	95
20) Methylene Chloride	2.788	84	154588	47.744	ug/l	# 81
21) trans-1,2-Dichloroethene	3.087	96	153681	49.377	ug/l	82
22) Diisopropyl ether	3.757	45	374321	48.502	ug/l	# 83
23) Vinyl Acetate	3.715	43	1252782	228.701	ug/l	# 91
24) 1,1-Dichloroethane	3.605	63	244136	47.814	ug/l	97
25) 2-Butanone	4.550	43	551440	237.001	ug/l	# 85
26) 2,2-Dichloropropane	4.471	77	183910	41.253	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	178466	49.655	ug/l	83
28) Bromochloromethane	4.891	49	113808	49.598	ug/l	# 52
29) Tetrahydrofuran	4.995	42	352135	243.249	ug/l	# 80
30) Chloroform	5.086	83	288878	48.220	ug/l	98
31) Cyclohexane	5.464	56	199644	47.299	ug/l	# 84
32) 1,1,1-Trichloroethane	5.379	97	262595	49.807	ug/l	95
36) 1,1-Dichloropropene	5.690	75	200690	48.620	ug/l	93
37) Ethyl Acetate	4.708	43	206690	49.045	ug/l	# 93
38) Carbon Tetrachloride	5.672	117	235706	51.080	ug/l	99
39) Methylcyclohexane	7.379	83	251628	48.758	ug/l	89
40) Benzene	6.031	78	585555	49.252	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106813	49.749	ug/l #	85
42) 1,2-Dichloroethane	6.080	62	216749	50.527	ug/l	96
43) Isopropyl Acetate	6.336	43	312052	48.163	ug/l #	90
44) Trichloroethene	7.123	130	187586	50.711	ug/l	92
45) 1,2-Dichloropropane	7.427	63	141834	49.350	ug/l	97
46) Dibromomethane	7.574	93	120981	50.335	ug/l #	86
47) Bromodichloromethane	7.818	83	223718	49.493	ug/l	97
48) Methyl methacrylate	7.689	41	156857	50.236	ug/l #	84
49) 1,4-Dioxane	7.653	88	74556	1048.878	ug/l #	82
51) 4-Methyl-2-Pentanone	8.567	43	1063052	251.830	ug/l	90
52) Toluene	8.714	92	398574	51.177	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	228046	49.554	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	242201	49.855	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	170211	51.508	ug/l	96
56) Ethyl methacrylate	9.116	69	245110	53.015	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	261186	50.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	587474	258.435	ug/l #	89
59) 2-Hexanone	9.427	43	850474	248.995	ug/l	89
60) Dibromochloromethane	9.518	129	194404	52.406	ug/l	100
61) 1,2-Dibromoethane	9.610	107	191336	51.519	ug/l	100
64) Tetrachloroethene	9.275	164	171727	51.429	ug/l	95
65) Chlorobenzene	10.079	112	461814	50.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	177476	51.989	ug/l	98
67) Ethyl Benzene	10.189	91	787802	51.287	ug/l	98
68) m/p-Xylenes	10.299	106	628870	103.154	ug/l	95
69) o-Xylene	10.640	106	307977	51.948	ug/l	93
70) Styrene	10.652	104	518774	53.020	ug/l	95
71) Bromoform	10.799	173	157124	52.147	ug/l #	100
73) Isopropylbenzene	10.963	105	811178	50.559	ug/l	97
74) N-amyl acetate	10.841	43	268383	48.143	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	271790	49.000	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	297809	57.498	ug/l	90
77) Bromobenzene	11.195	156	218472	49.615	ug/l	81
78) n-propylbenzene	11.305	91	941001	50.401	ug/l	96
79) 2-Chlorotoluene	11.360	91	557847	49.906	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	701117	50.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75392	45.946	ug/l	84
82) 4-Chlorotoluene	11.451	91	659407	50.496	ug/l	93
83) tert-Butylbenzene	11.713	119	705652	50.433	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	708551	51.735	ug/l	96
85) sec-Butylbenzene	11.890	105	875845	50.166	ug/l	96
86) p-Isopropyltoluene	12.006	119	766330	51.525	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	418038	49.656	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	426095	49.241	ug/l	97
89) n-Butylbenzene	12.329	91	661560	49.985	ug/l	96
90) Hexachloroethane	12.536	117	129304	51.326	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	408200	49.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69050	49.532	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	295887	50.316	ug/l	97
94) Hexachlorobutadiene	13.725	225	126972	50.038	ug/l	98
95) Naphthalene	13.774	128	906301	51.093	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	288395	49.756	ug/l	98

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

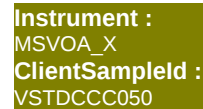
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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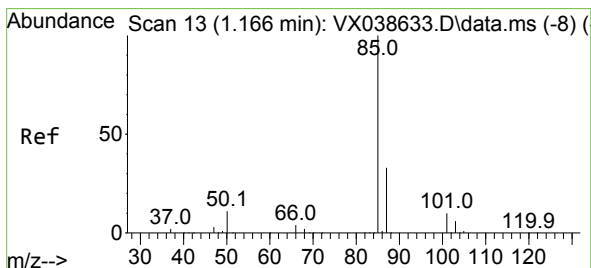
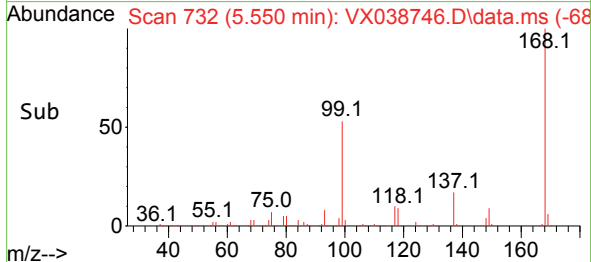
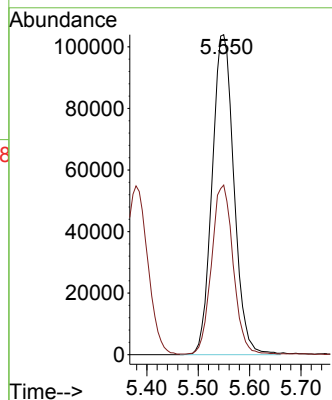
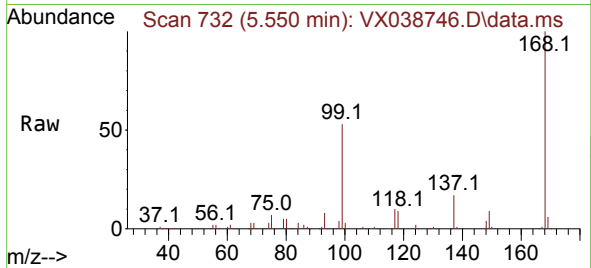




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

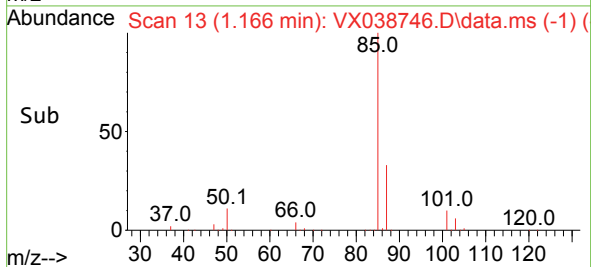
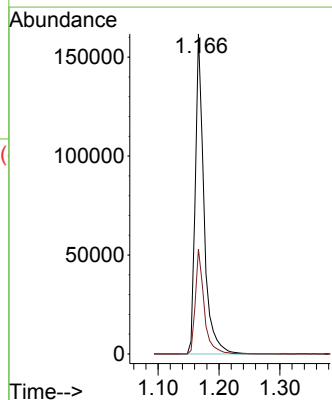
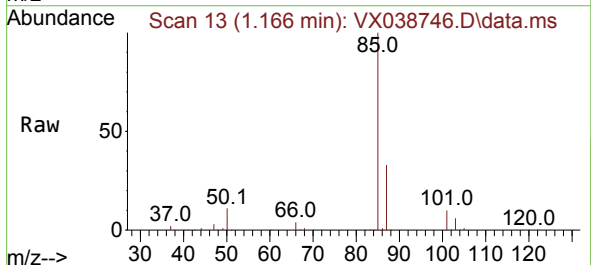
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

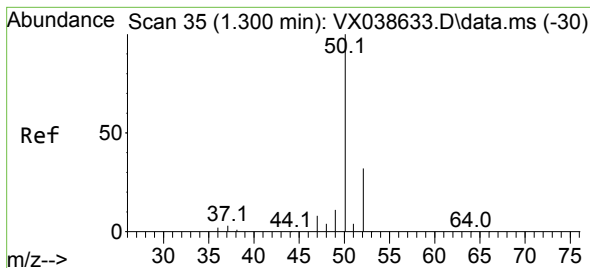
Tgt Ion:168 Resp: 306336
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 50.165 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 85 Resp: 159589
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3

Chloromethane

Concen: 44.829 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

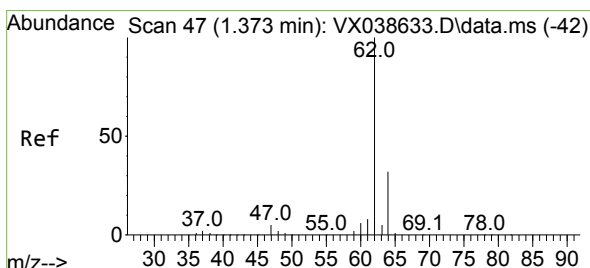
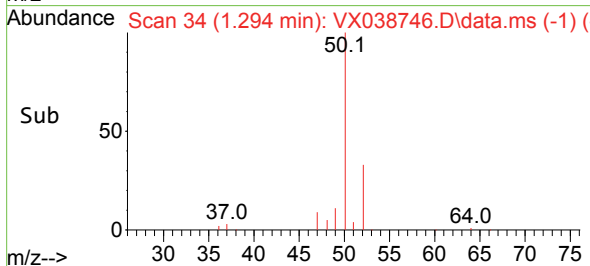
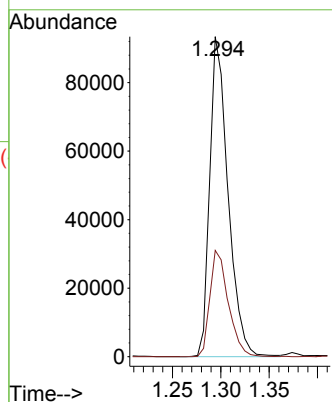
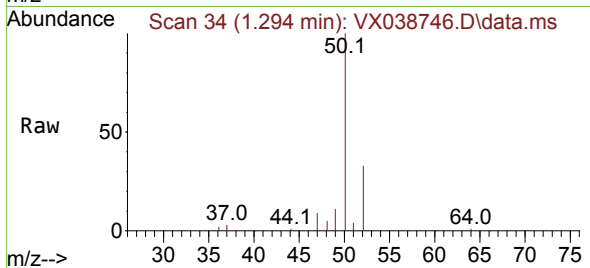
VSTDCCC050

Tgt Ion: 50 Resp: 123266

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 47.715 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038746.D

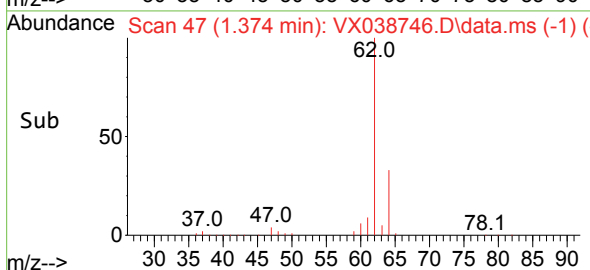
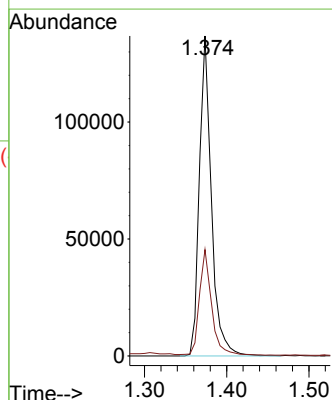
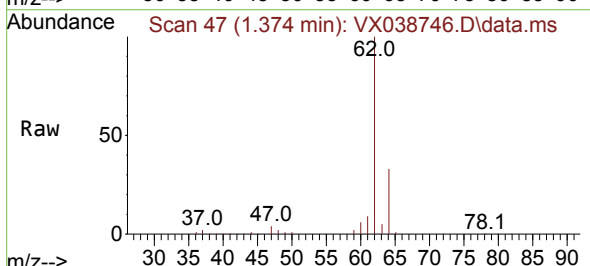
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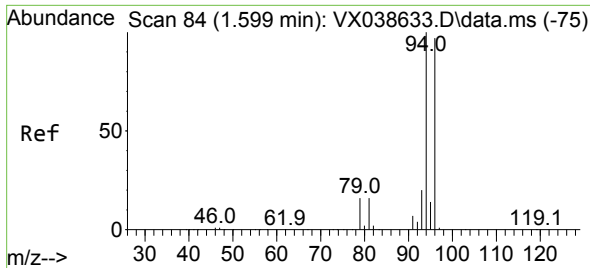
Tgt Ion: 62 Resp: 139673

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0

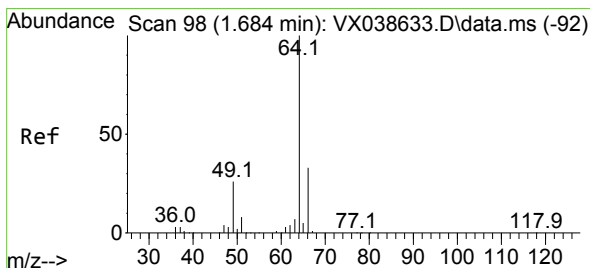
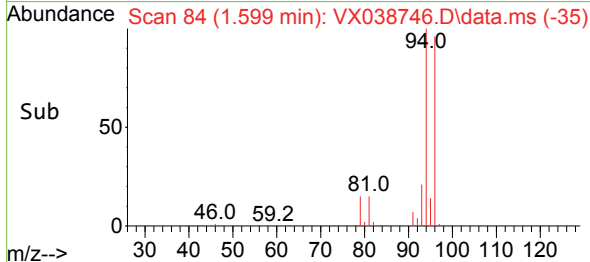
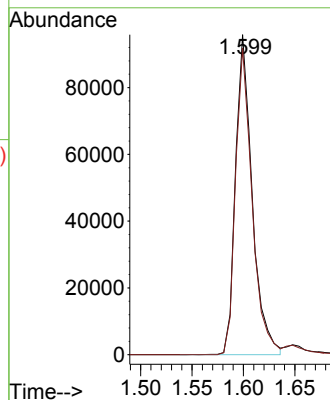
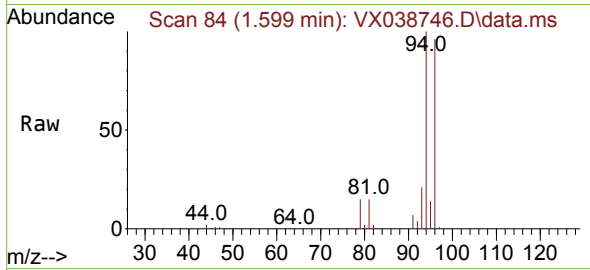




#5
Bromomethane
Concen: 48.000 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

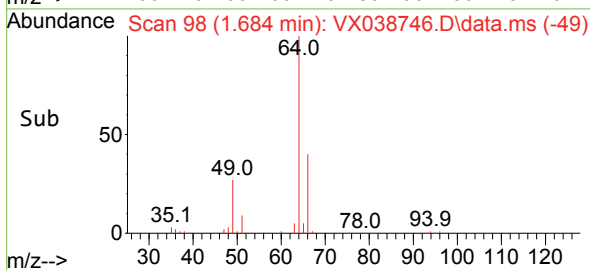
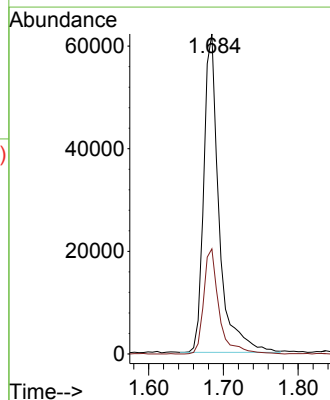
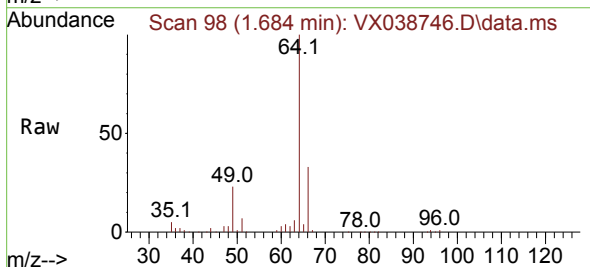
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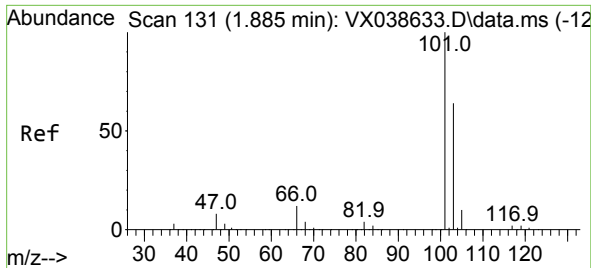
Tgt Ion: 94 Resp: 108450
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8



#6
Chloroethane
Concen: 47.587 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 64 Resp: 88200
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7

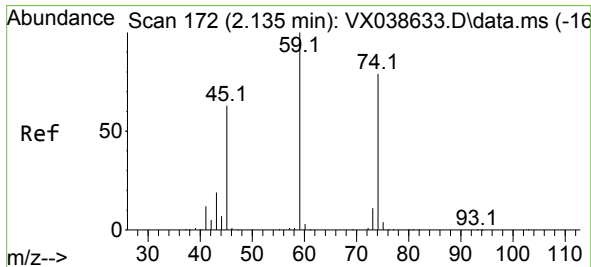
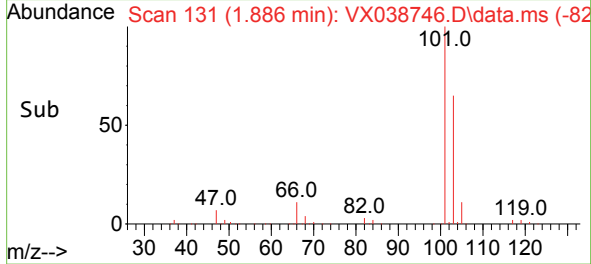
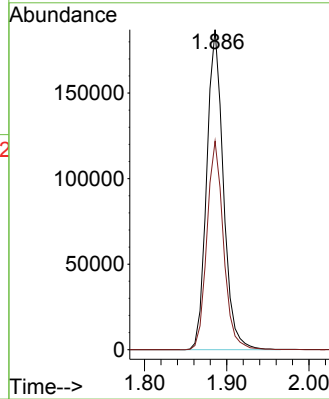
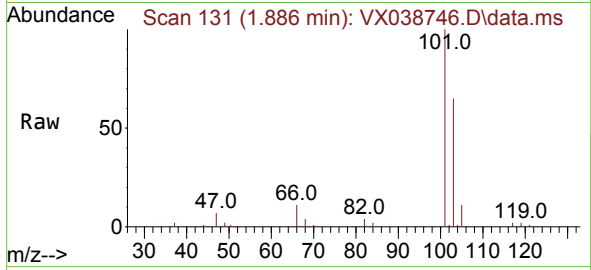




#7
Trichlorofluoromethane
Concen: 52.133 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

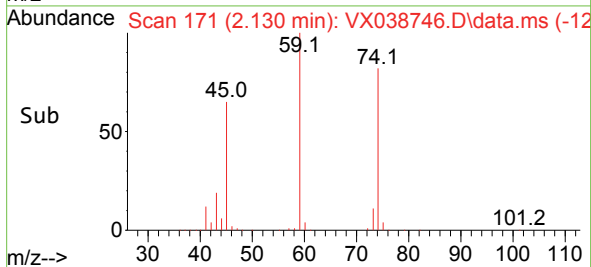
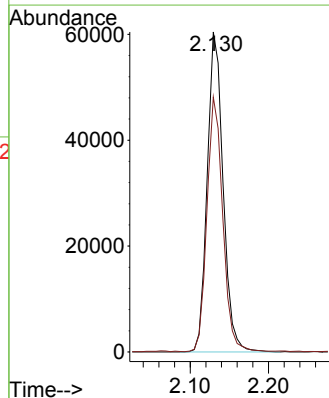
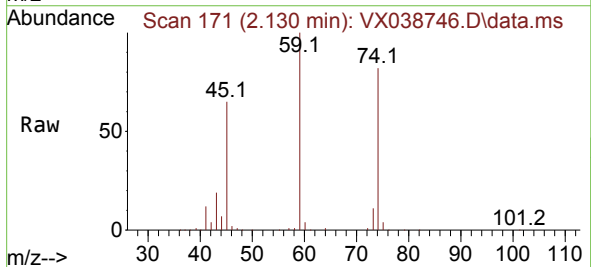
Instrument :
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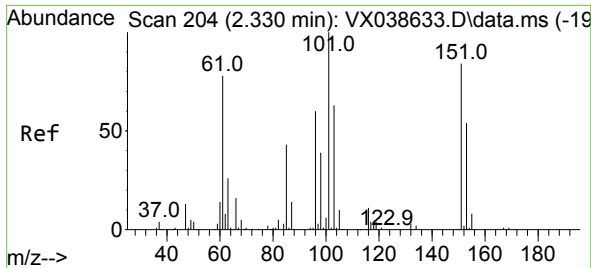
Tgt Ion:101 Resp: 263092
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2



#8
Diethyl Ether
Concen: 48.950 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 74 Resp: 84800
Ion Ratio Lower Upper
74 100
45 79.3 53.3 159.8

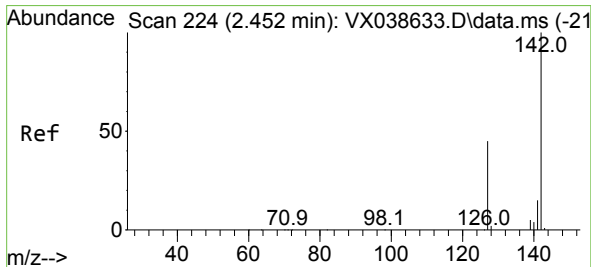
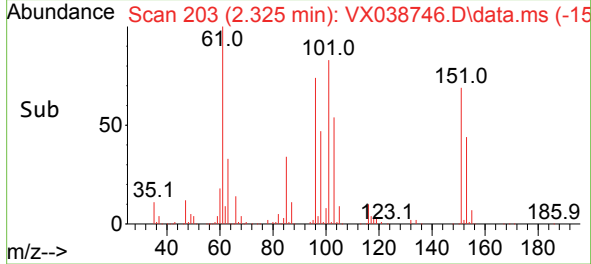
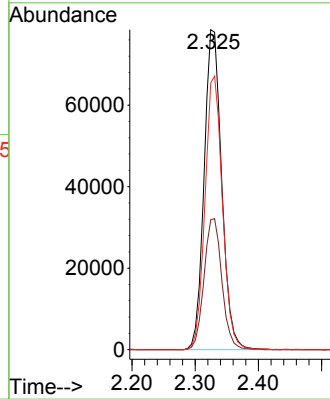
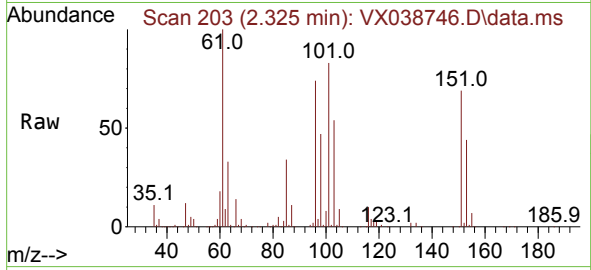




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.912 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

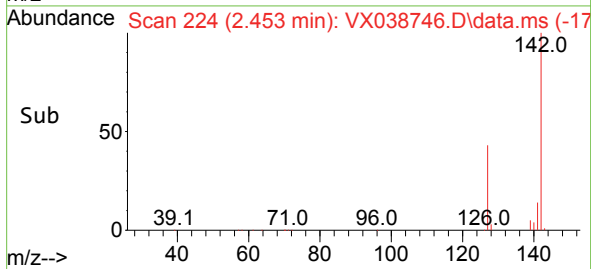
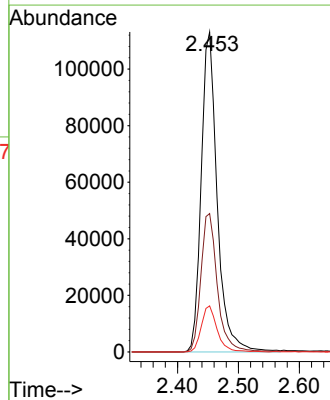
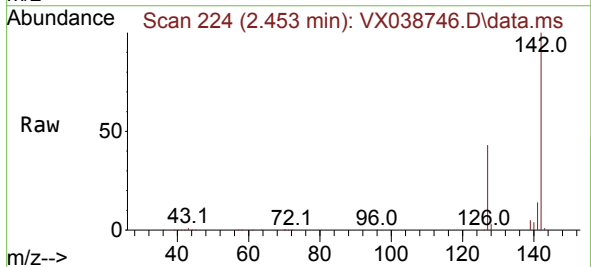
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

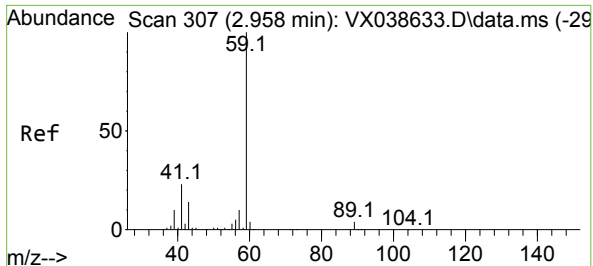
Tgt Ion:101 Resp: 151916
Ion Ratio Lower Upper
101 100
85 41.6 37.0 55.6
151 85.0 58.6 87.8



#10
Methyl Iodide
Concen: 55.966 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion:142 Resp: 206245
Ion Ratio Lower Upper
142 100
127 44.6 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 259.339 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

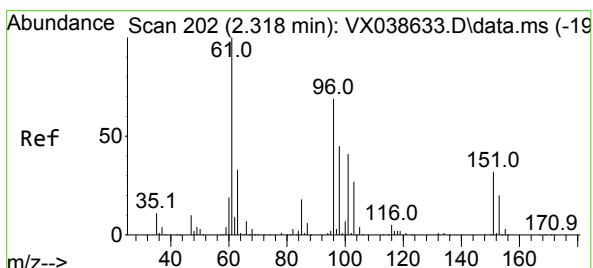
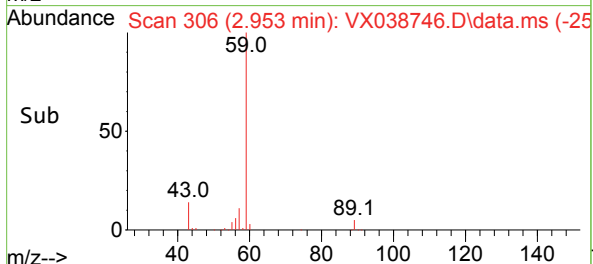
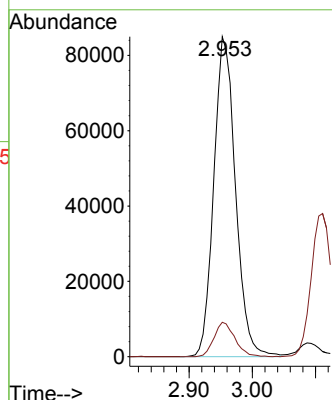
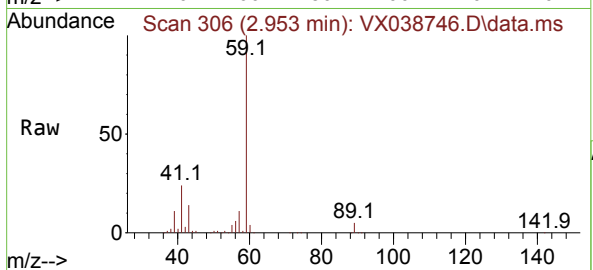
VSTDCCC050

Tgt Ion: 59 Resp: 202190

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 49.450 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

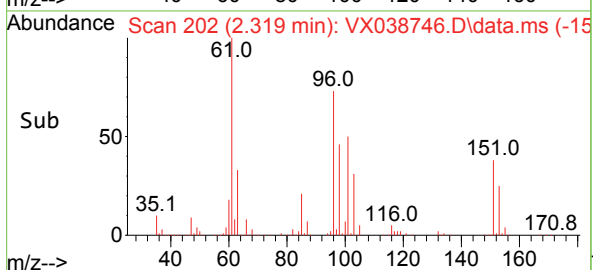
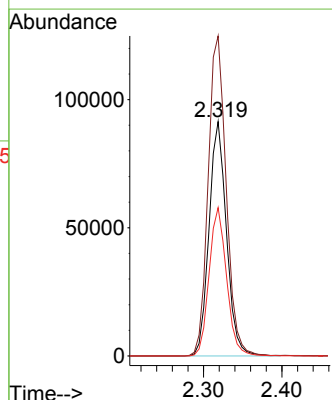
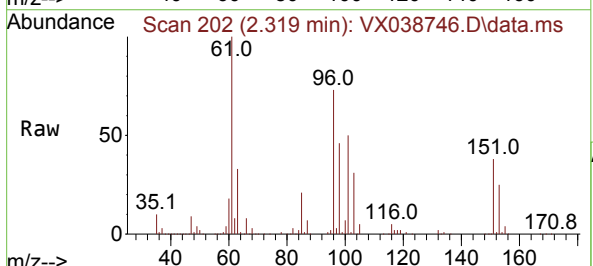
Tgt Ion: 96 Resp: 141372

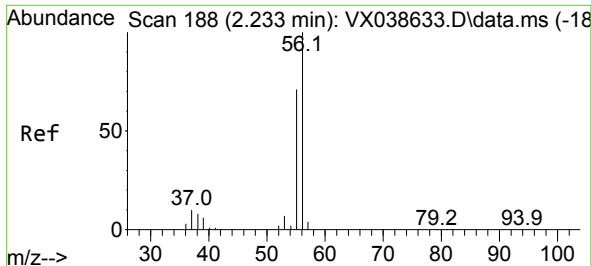
Ion Ratio Lower Upper

96 100

61 136.5 144.6 216.8#

98 63.3 50.4 75.6

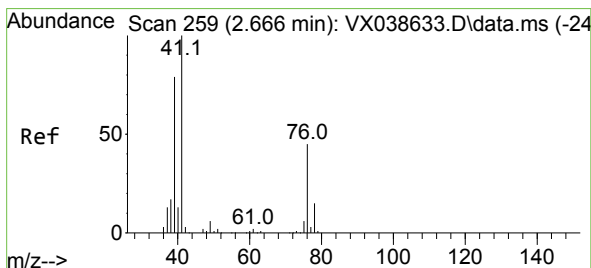
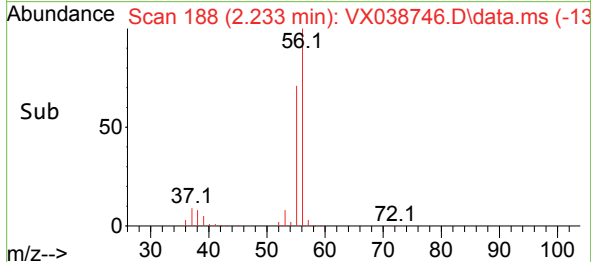
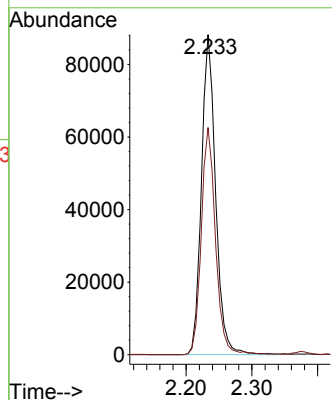
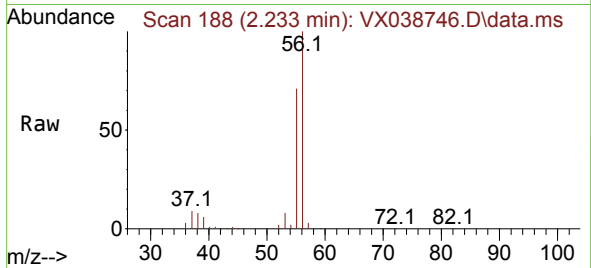




#13
Acrolein
Concen: 222.899 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

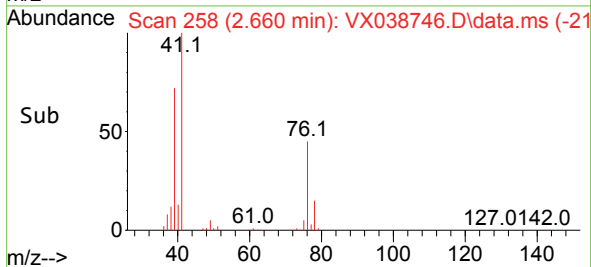
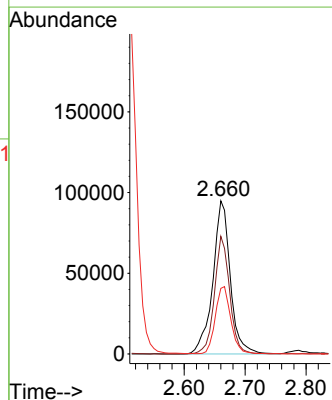
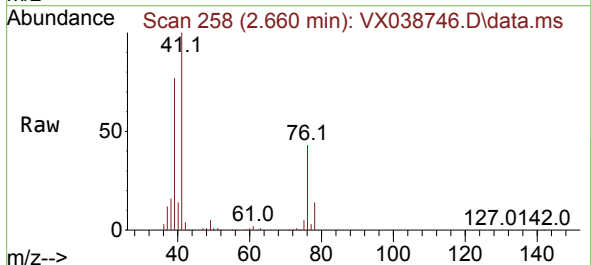
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 131712
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7



#14
Allyl chloride
Concen: 46.332 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 41 Resp: 189723
Ion Ratio Lower Upper
41 100
39 66.9 55.8 83.6
76 38.6 24.3 36.5#

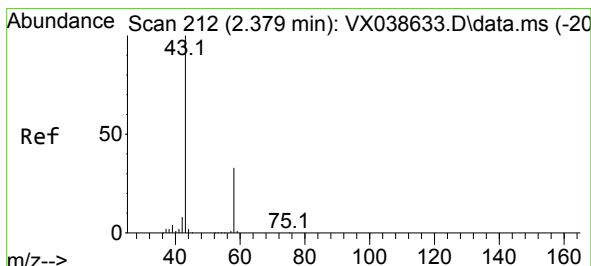
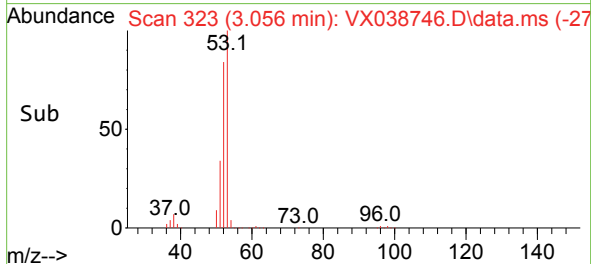
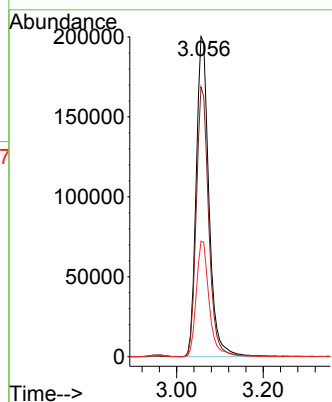
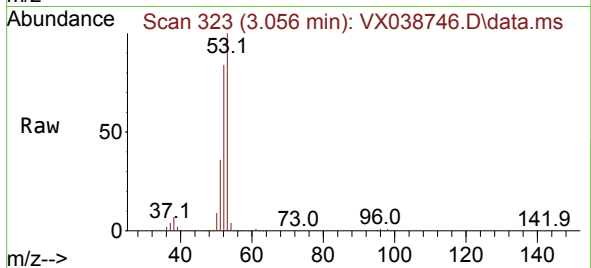




#15
Acrylonitrile
Concen: 248.988 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

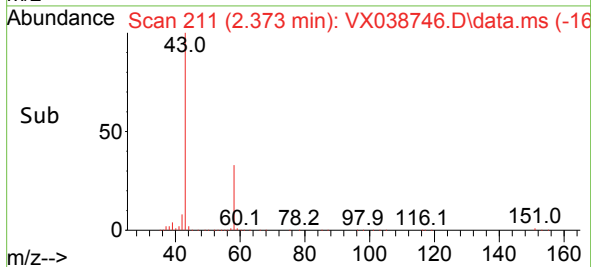
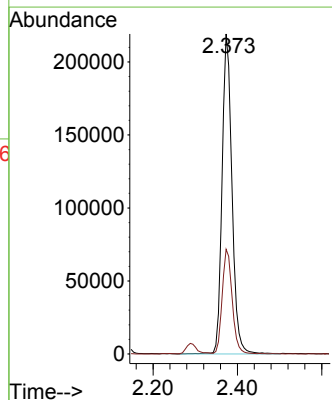
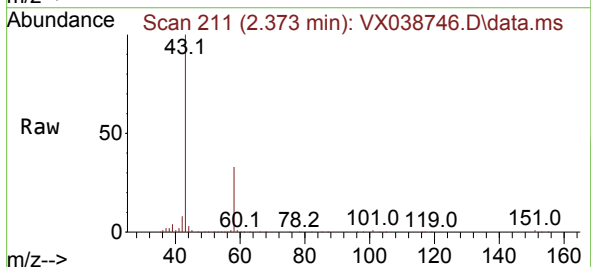
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

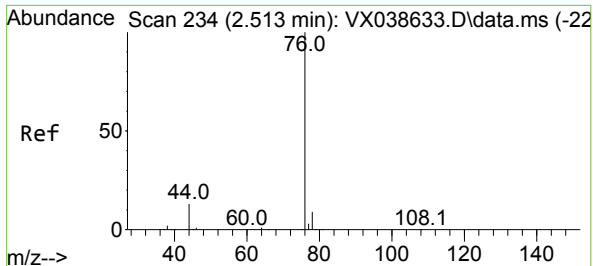
Tgt Ion: 53 Resp: 409673
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.7 29.8 44.6



#16
Acetone
Concen: 221.199 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 43 Resp: 355283
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#17

Carbon Disulfide

Concen: 45.143 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

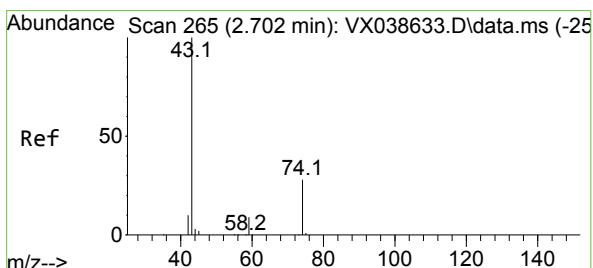
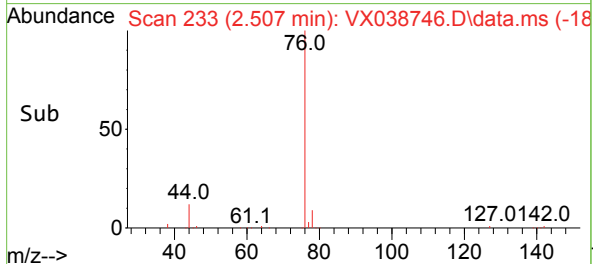
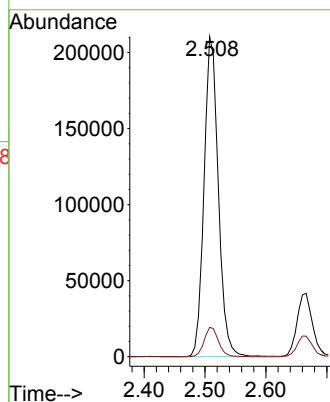
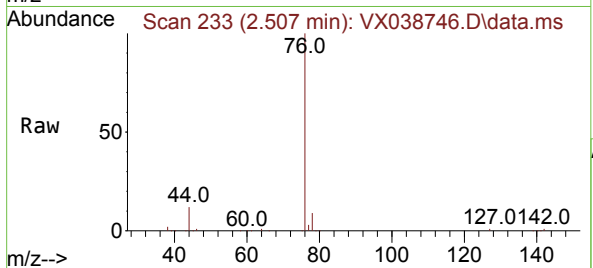
VSTDCCC050

Tgt Ion: 76 Resp: 342924

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 50.584 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038746.D

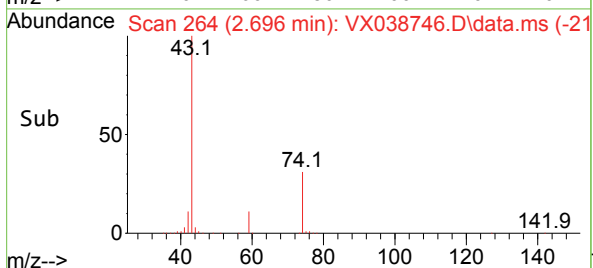
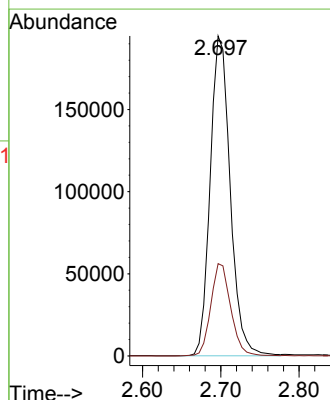
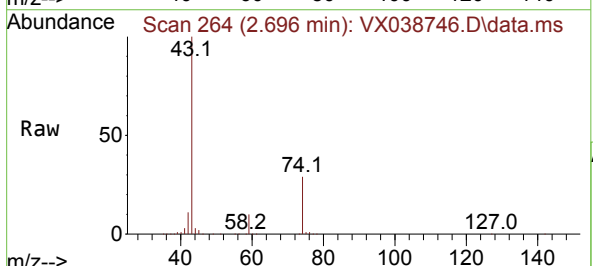
Acq: 10 Nov 2023 23:22

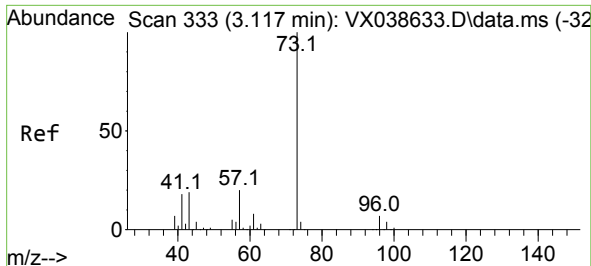
Tgt Ion: 43 Resp: 346142

Ion Ratio Lower Upper

43 100

74 28.9 17.8 26.8#

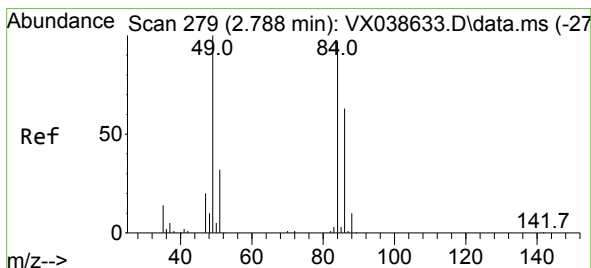
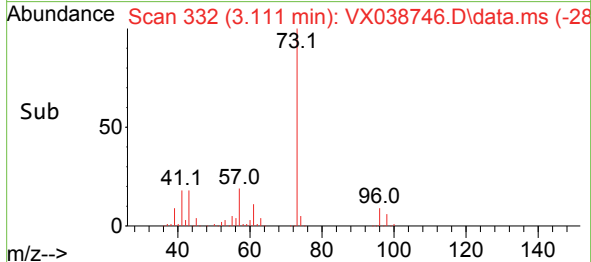
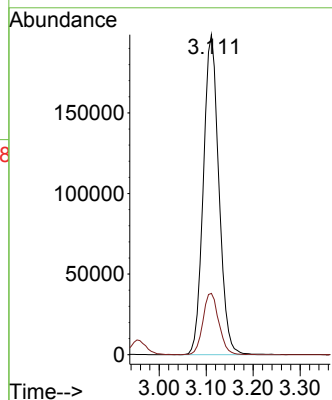
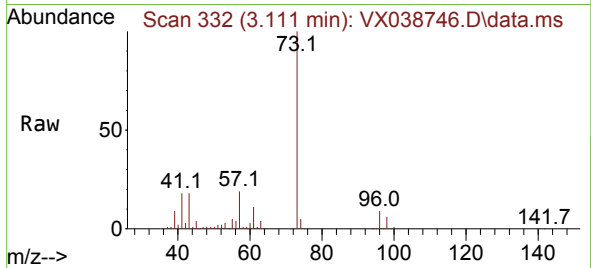




#19
Methyl tert-butyl Ether
Concen: 49.795 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

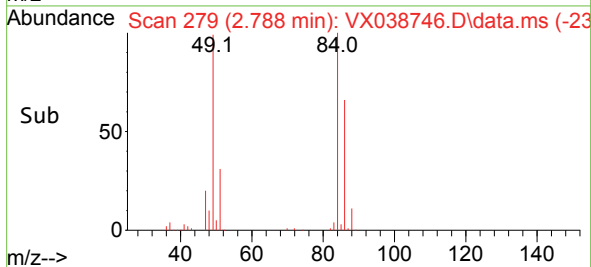
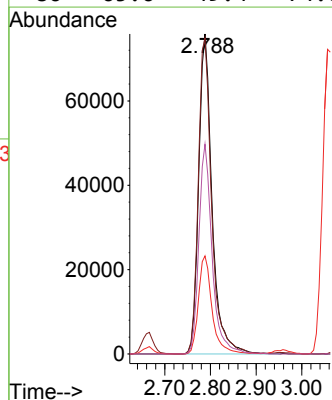
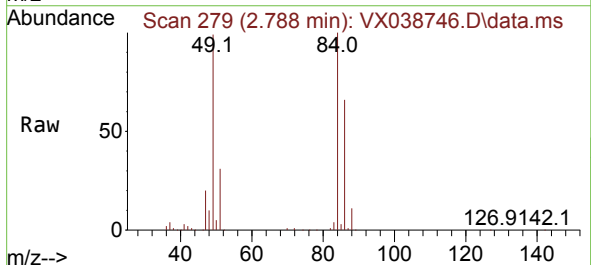
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

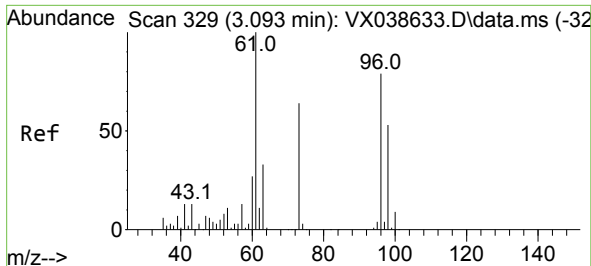
Tgt Ion: 73 Resp: 455240
Ion Ratio Lower Upper
73 100
57 19.1 17.3 25.9



#20
Methylene Chloride
Concen: 47.744 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 84 Resp: 154588
Ion Ratio Lower Upper
84 100
49 98.7 103.6 155.4#
51 30.7 33.8 50.6#
86 65.6 49.4 74.0

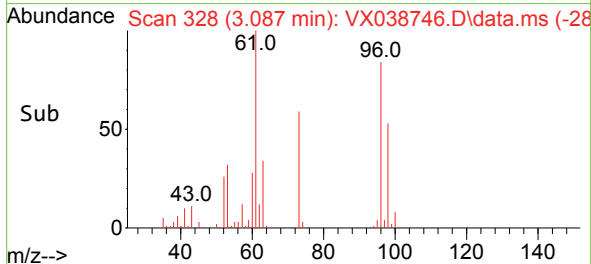
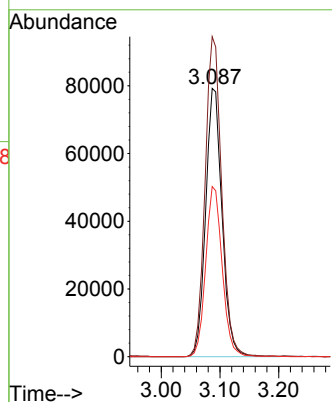
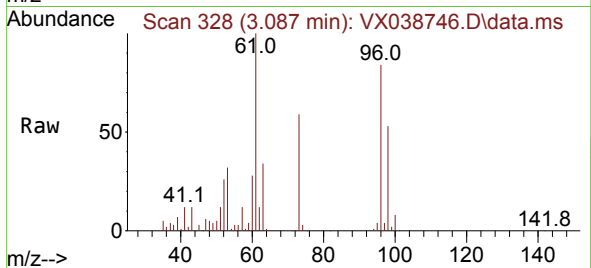




#21
trans-1,2-Dichloroethene
Concen: 49.377 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

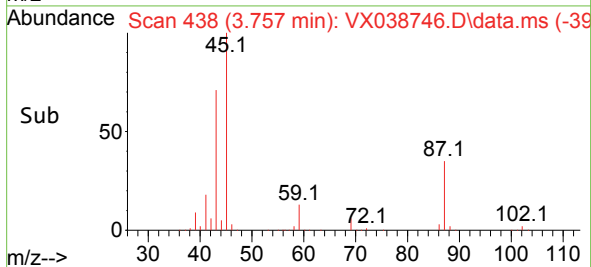
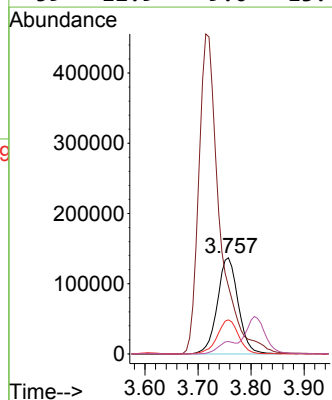
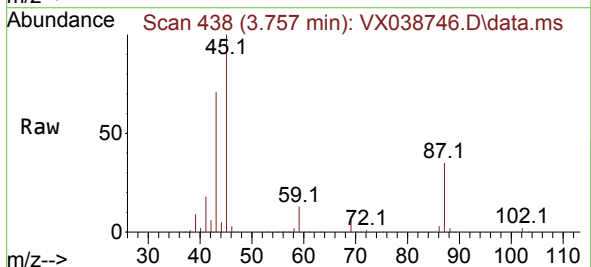
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

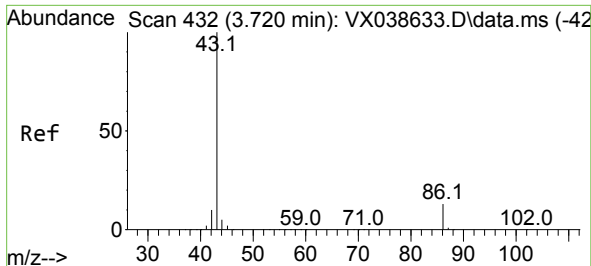
Tgt Ion: 96 Resp: 153681
Ion Ratio Lower Upper
96 100
61 119.3 119.2 178.8
98 63.4 48.7 73.1



#22
Diisopropyl ether
Concen: 48.502 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 45 Resp: 374321
Ion Ratio Lower Upper
45 100
43 70.6 69.7 104.5
87 35.4 20.8 31.2#
59 12.9 9.0 13.4

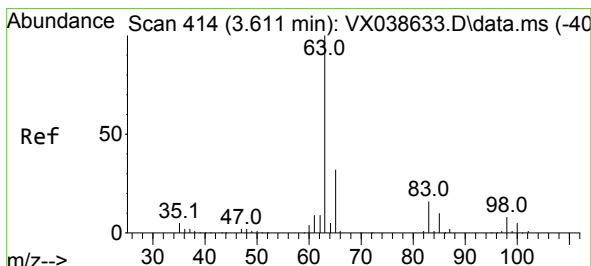
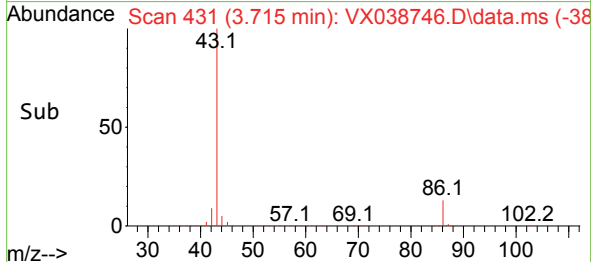
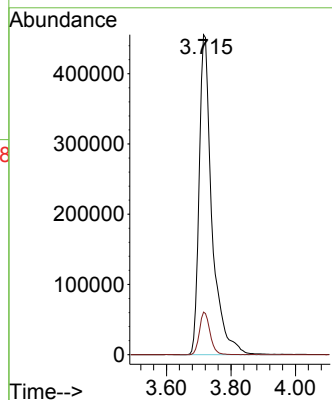
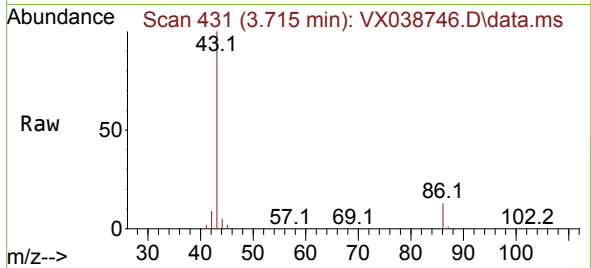




#23
 Vinyl Acetate
 Concen: 228.701 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

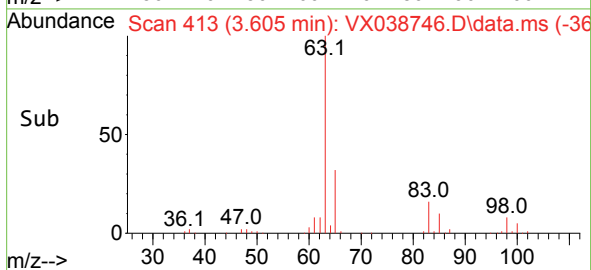
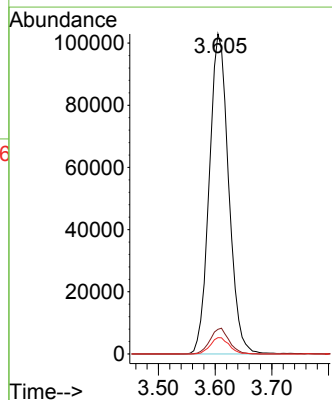
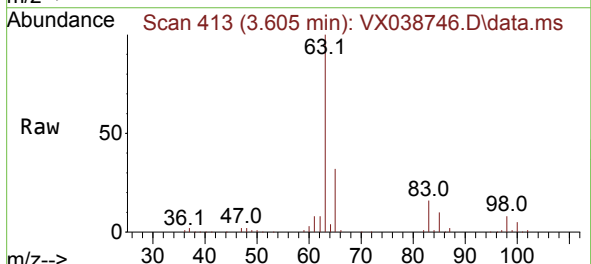
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

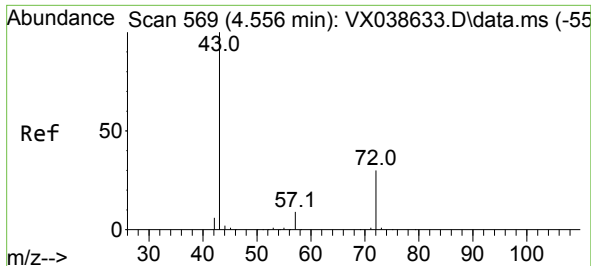
Tgt Ion: 43 Resp: 1252782
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 47.814 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

Tgt Ion: 63 Resp: 244136
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.1 2.1 6.5





#25

2-Butanone

Concen: 237.001 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

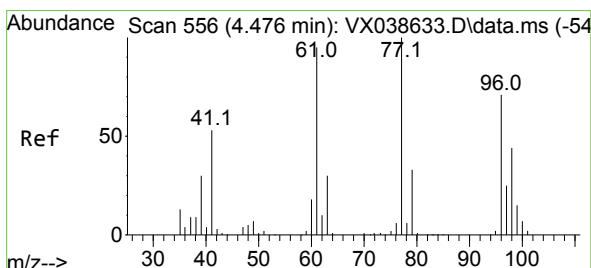
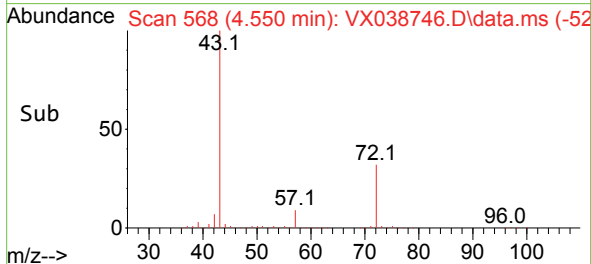
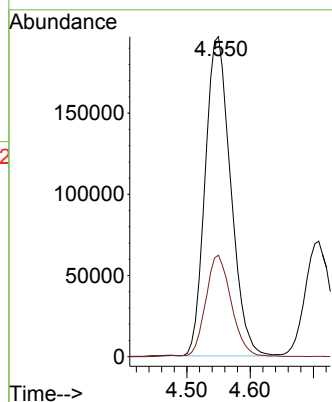
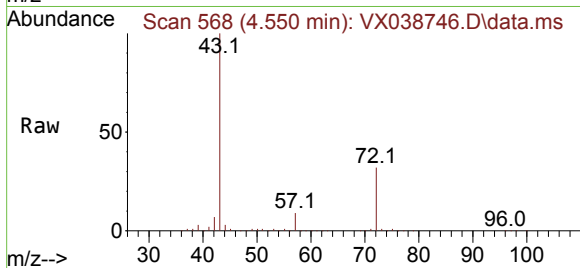
VSTDCCC050

Tgt Ion: 43 Resp: 551440

Ion Ratio Lower Upper

43 100

72 31.7 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 41.253 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038746.D

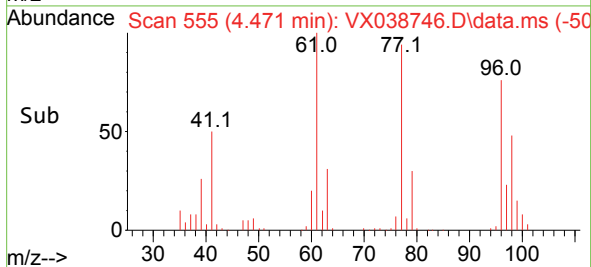
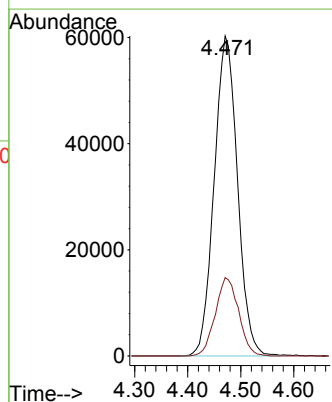
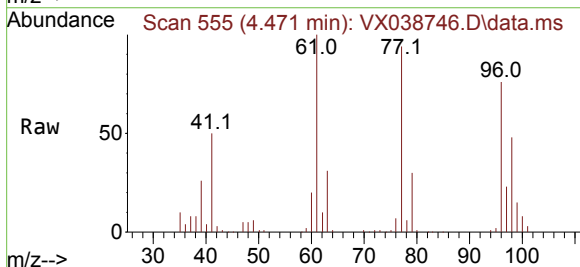
Acq: 10 Nov 2023 23:22

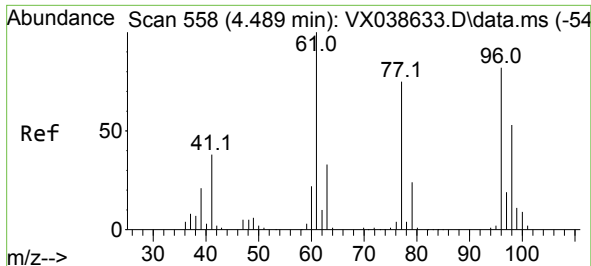
Tgt Ion: 77 Resp: 183910

Ion Ratio Lower Upper

77 100

97 24.5 10.8 32.3

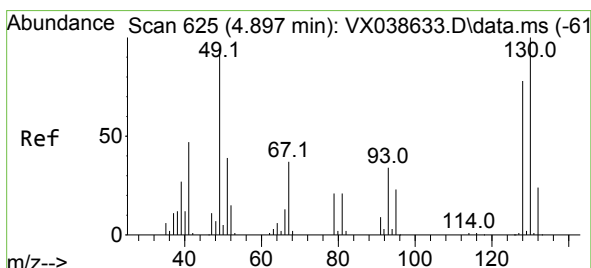
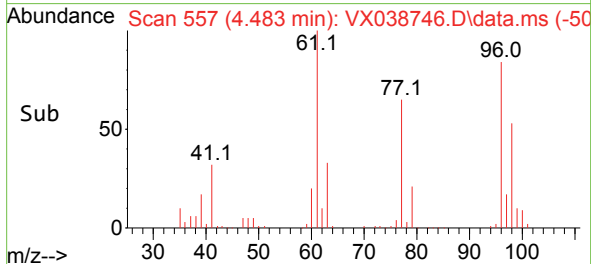
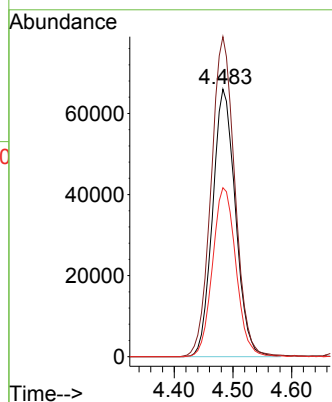
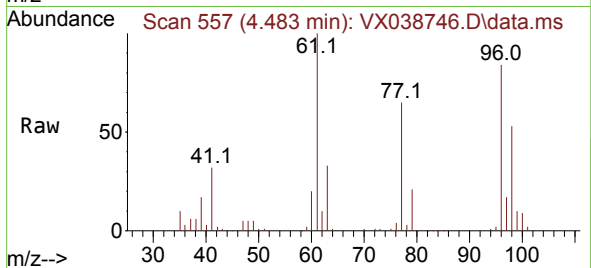




#27
 cis-1,2-Dichloroethene
 Concen: 49.655 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

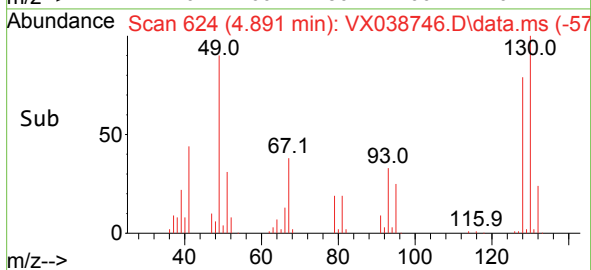
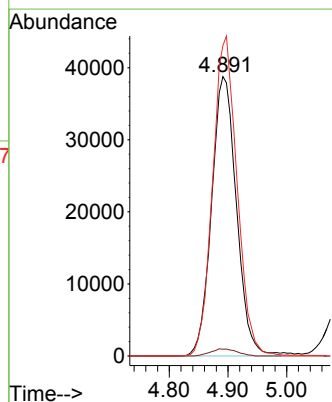
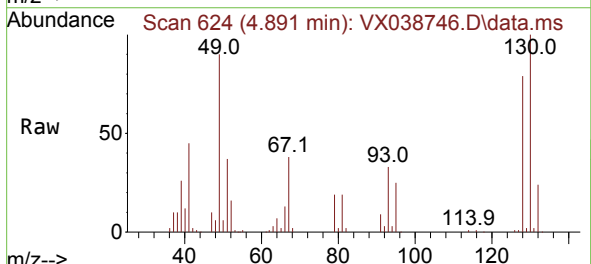
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

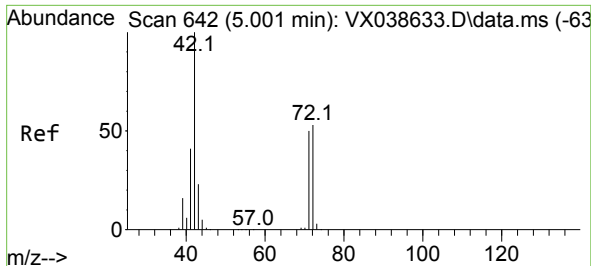
Tgt Ion: 96 Resp: 178466
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 312.2
 98 64.6 0.0 129.0



#28
 Bromochloromethane
 Concen: 49.598 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

Tgt Ion: 49 Resp: 113808
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 3.8
 130 112.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 243.249 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

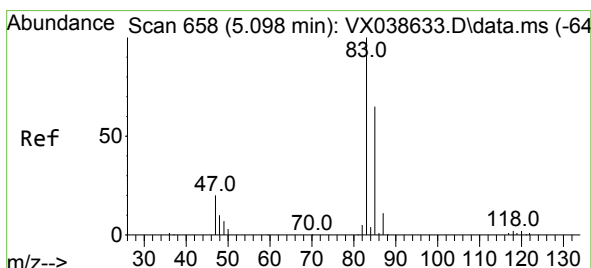
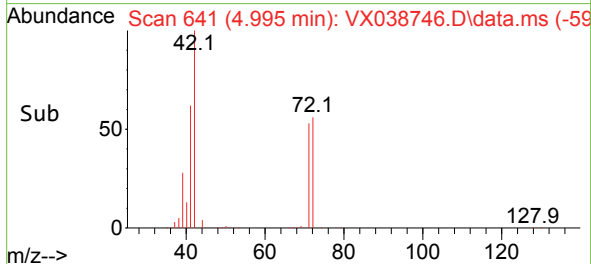
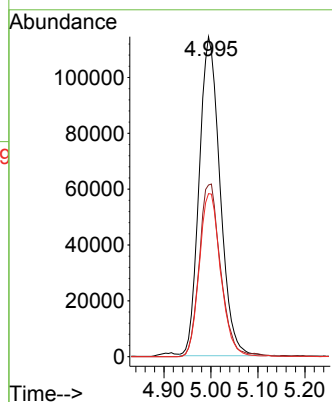
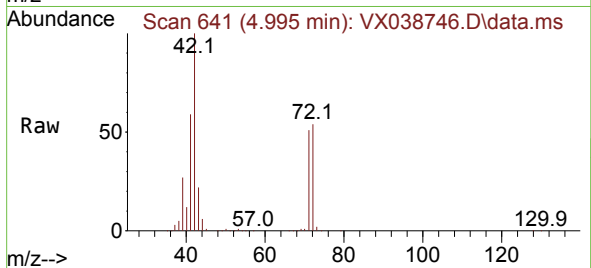
Tgt Ion: 42 Resp: 352135

Ion Ratio Lower Upper

42 100

72 55.8 34.2 51.4#

71 52.3 32.2 48.2#



#30

Chloroform

Concen: 48.220 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX038746.D

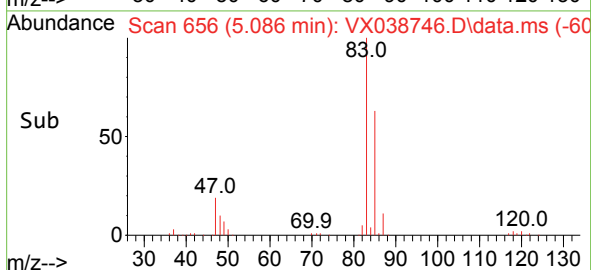
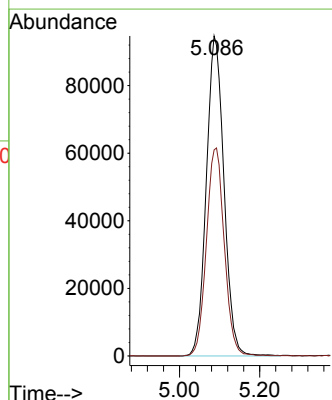
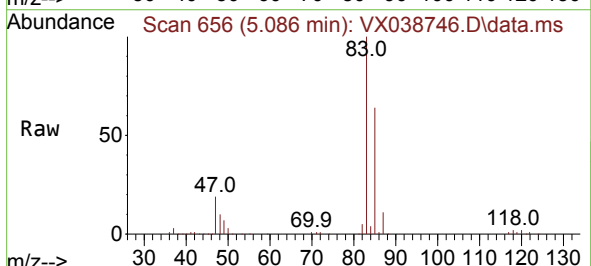
Acq: 10 Nov 2023 23:22

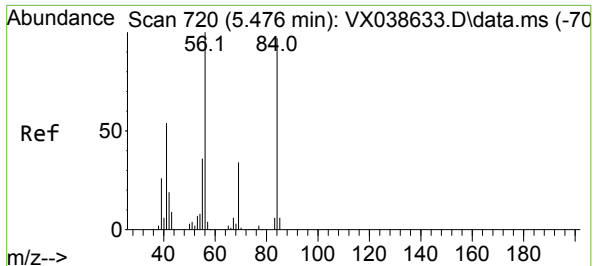
Tgt Ion: 83 Resp: 288878

Ion Ratio Lower Upper

83 100

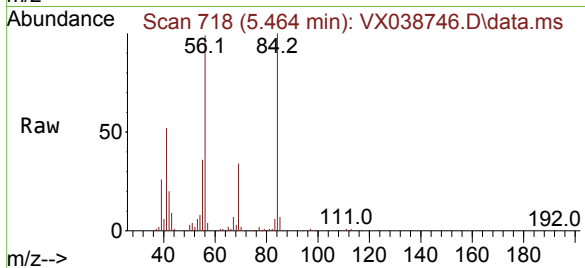
85 64.4 50.3 75.5



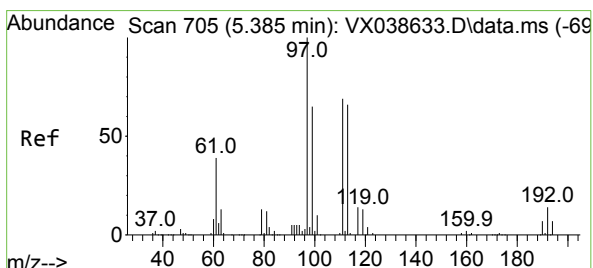
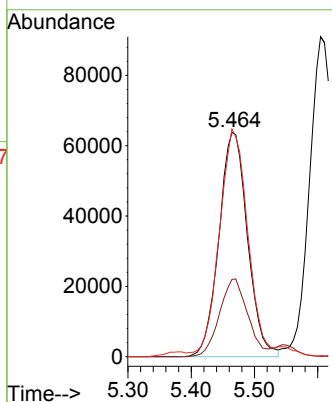
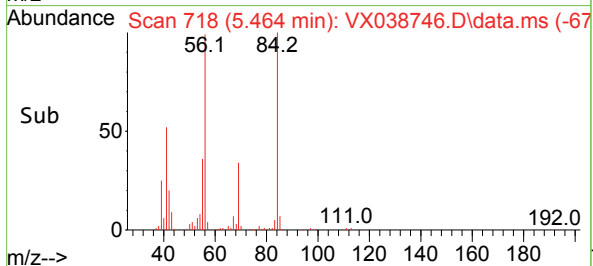


#31
Cyclohexane
Concen: 47.299 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

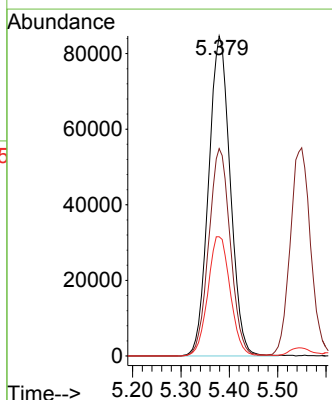
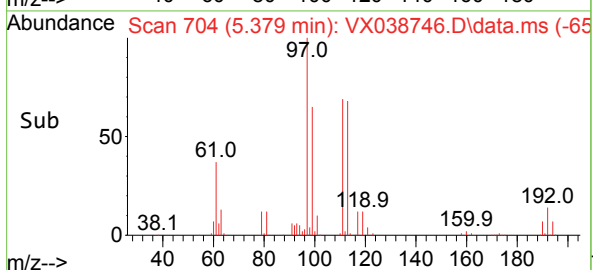
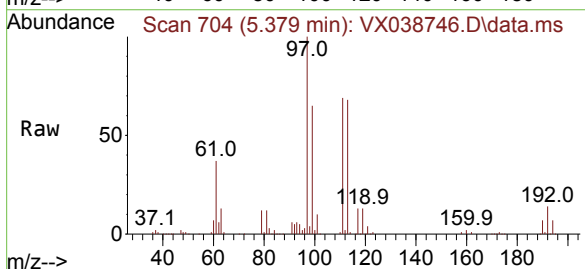


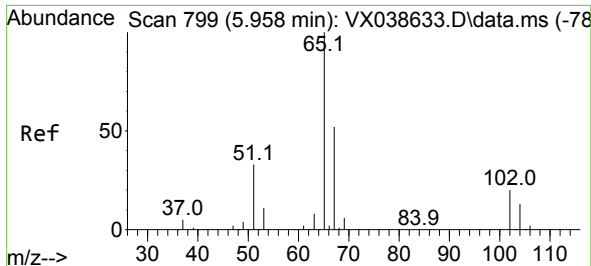
Tgt Ion: 56 Resp: 199644
Ion Ratio Lower Upper
56 100
69 34.4 23.4 35.2
84 99.3 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 49.807 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 97 Resp: 262595
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 38.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.580 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

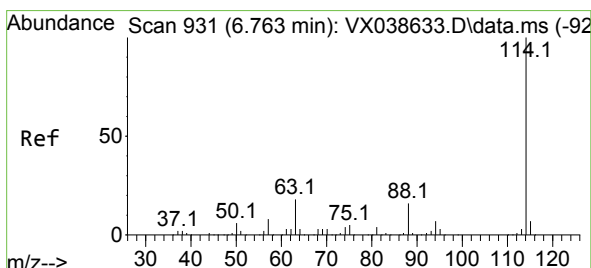
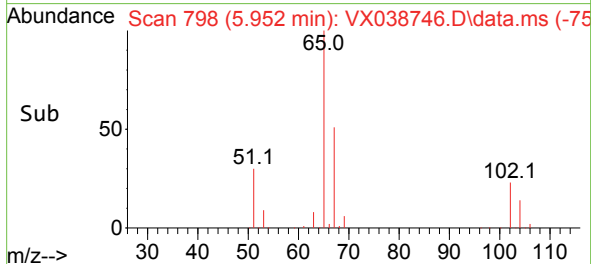
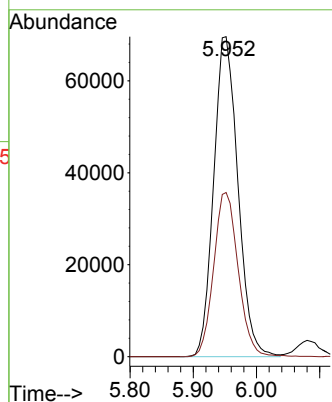
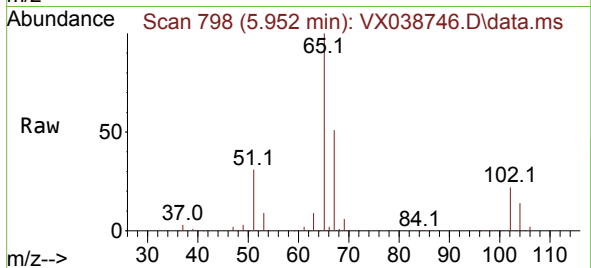
VSTDCCC050

Tgt Ion: 65 Resp: 185272

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

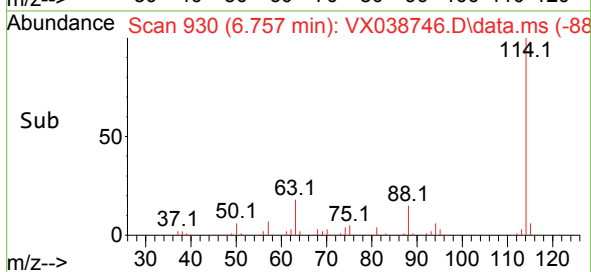
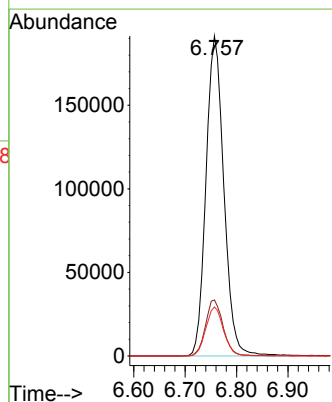
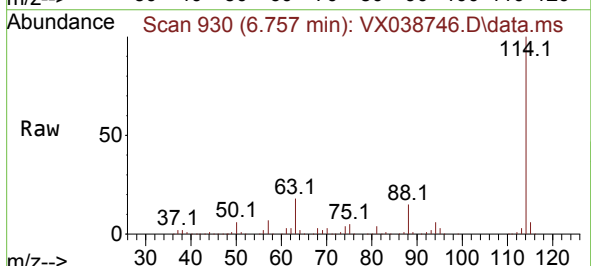
Tgt Ion: 114 Resp: 461368

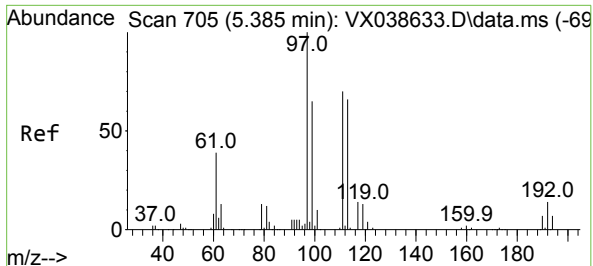
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 15.3 0.0 36.6

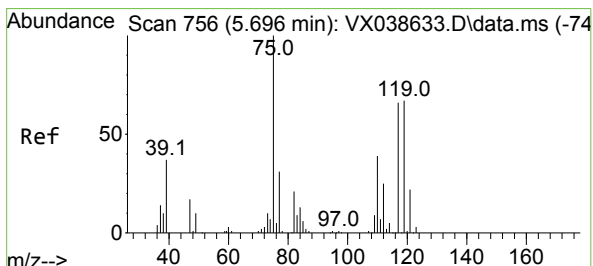
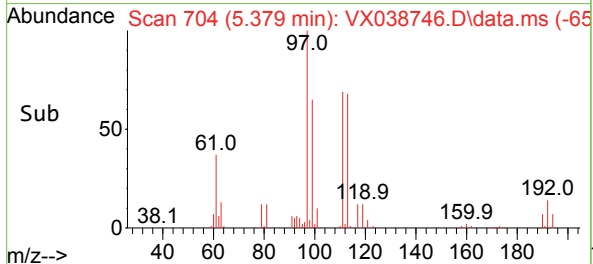
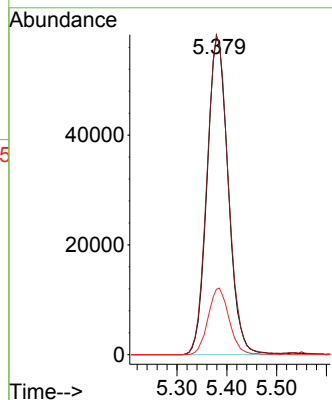
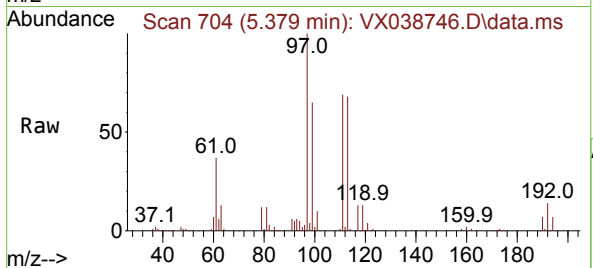




#35
Dibromofluoromethane
Concen: 51.341 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

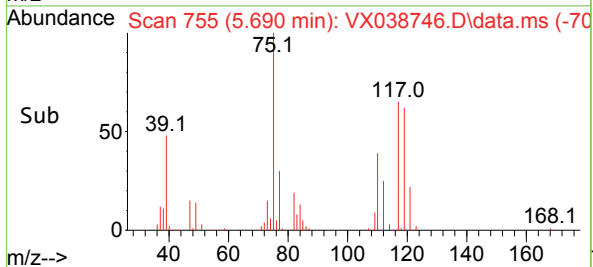
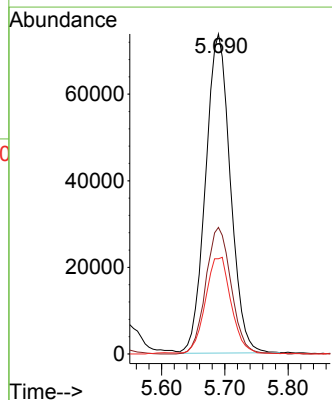
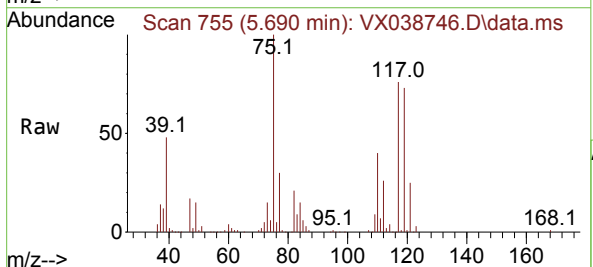
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

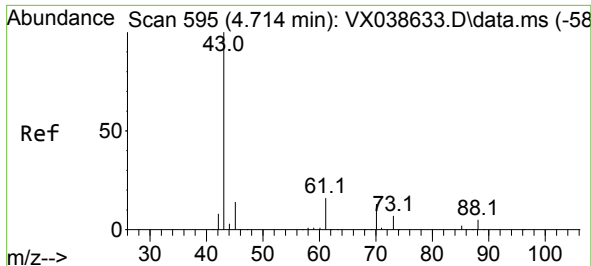
Tgt Ion:113 Resp: 170603
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 20.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 48.620 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 75 Resp: 200690
Ion Ratio Lower Upper
75 100
110 40.7 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 49.045 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

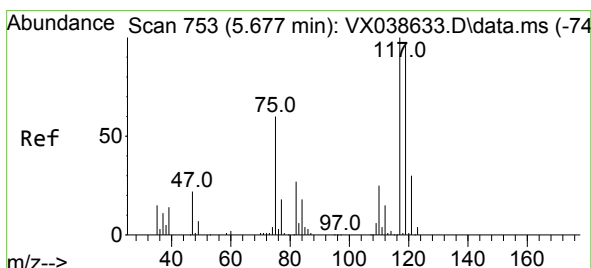
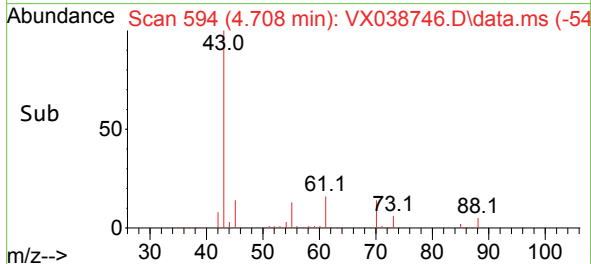
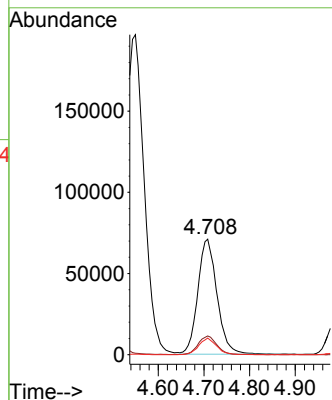
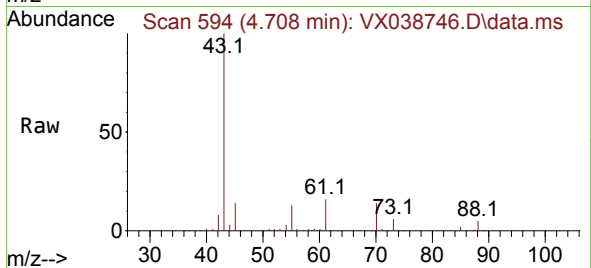
Tgt Ion: 43 Resp: 206690

Ion Ratio Lower Upper

43 100

61 15.6 10.6 16.0

70 13.4 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 51.080 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

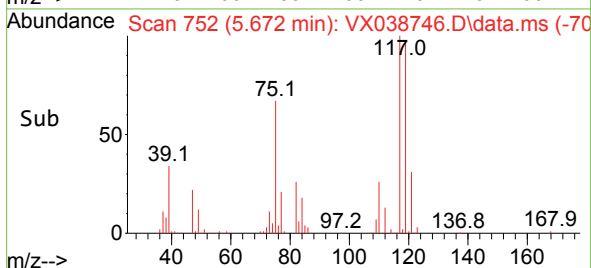
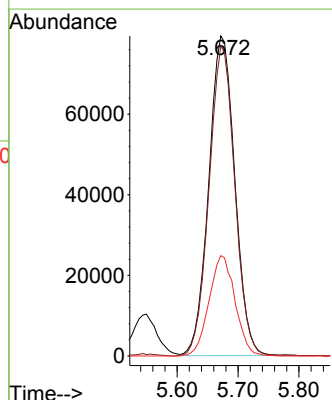
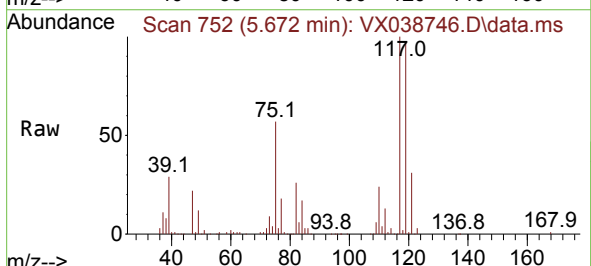
Tgt Ion:117 Resp: 235706

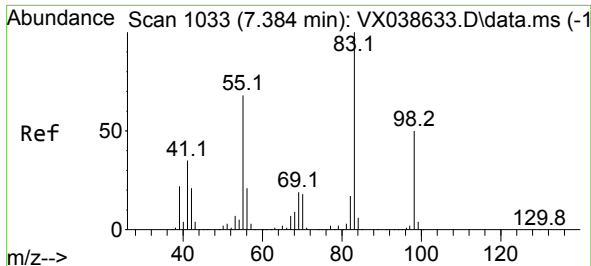
Ion Ratio Lower Upper

117 100

119 96.9 78.2 117.2

121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 48.758 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

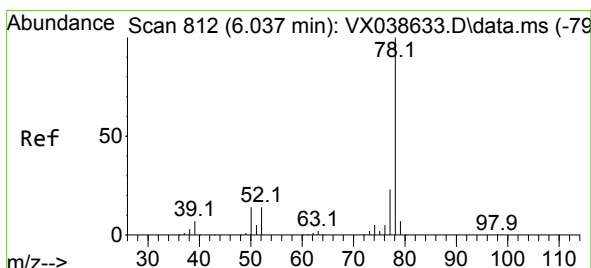
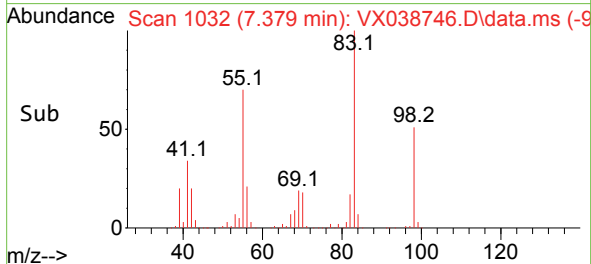
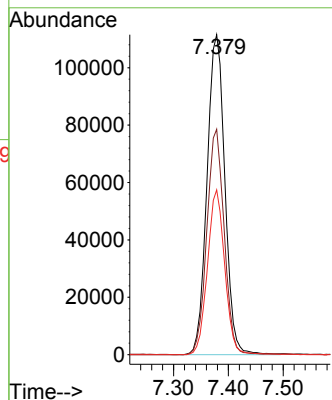
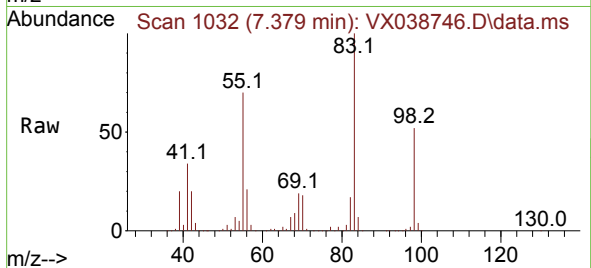
Tgt Ion: 83 Resp: 251628

Ion Ratio Lower Upper

83 100

55 70.4 64.6 97.0

98 51.5 36.7 55.1



#40

Benzene

Concen: 49.252 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038746.D

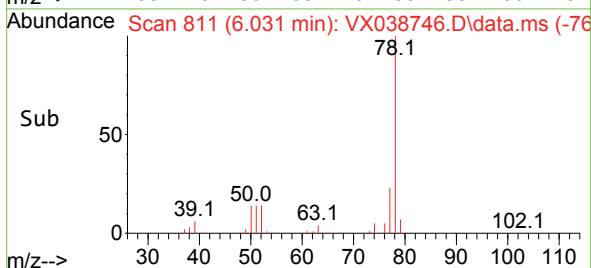
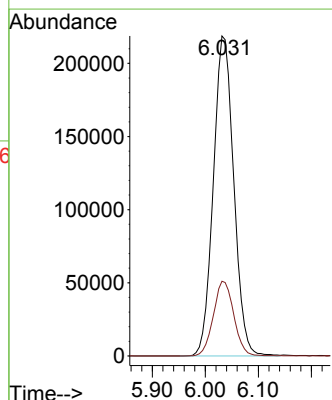
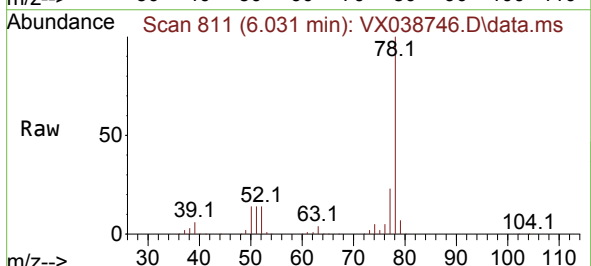
Acq: 10 Nov 2023 23:22

Tgt Ion: 78 Resp: 585555

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

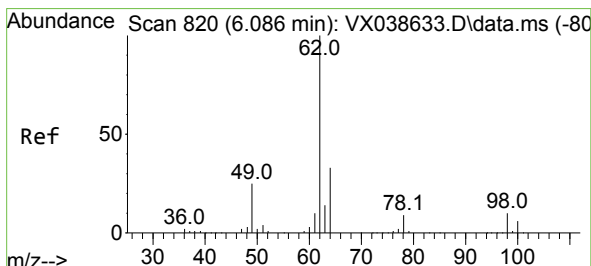
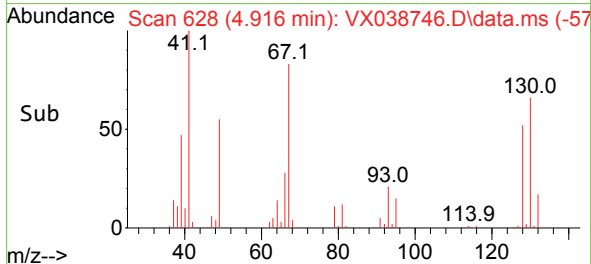
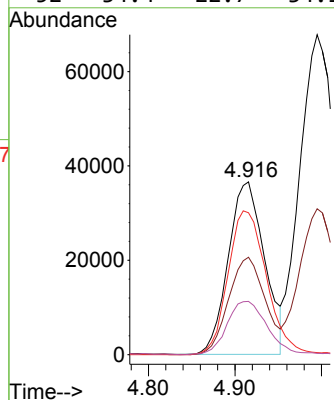
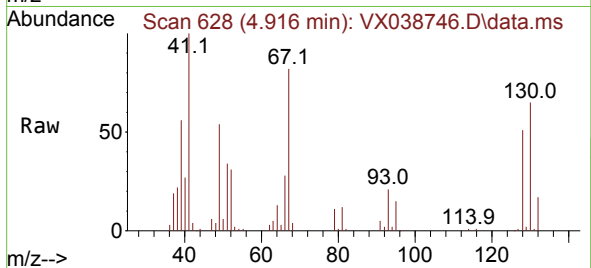




#41
Methacrylonitrile
Concen: 49.749 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

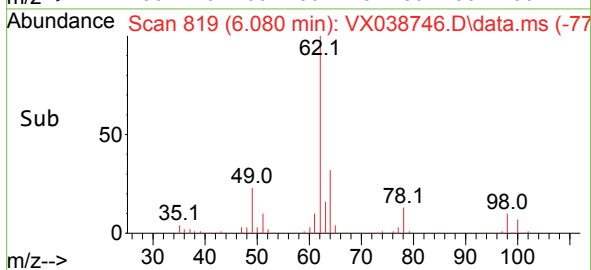
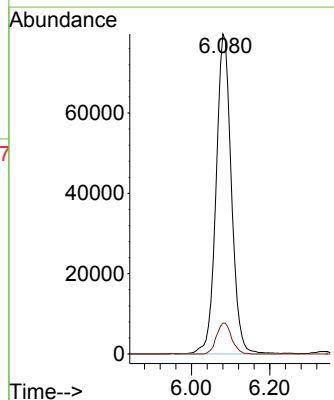
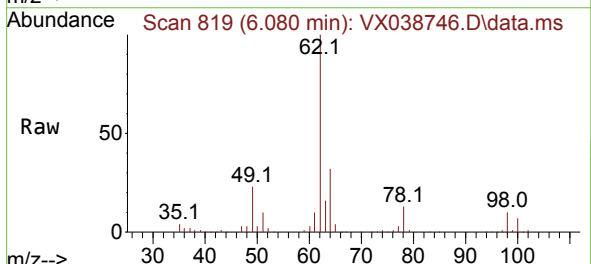
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

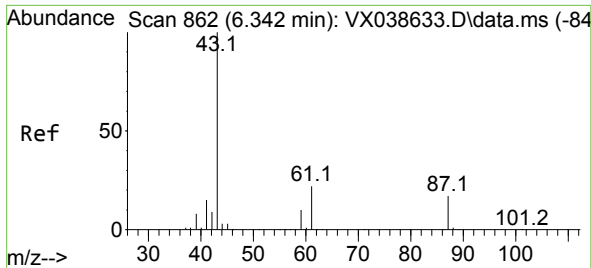
Tgt Ion: 41 Resp: 106813
Ion Ratio Lower Upper
41 100
39 56.8 45.2 67.8
67 89.0 52.6 78.8#
52 34.4 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 50.527 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 62 Resp: 216749
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0

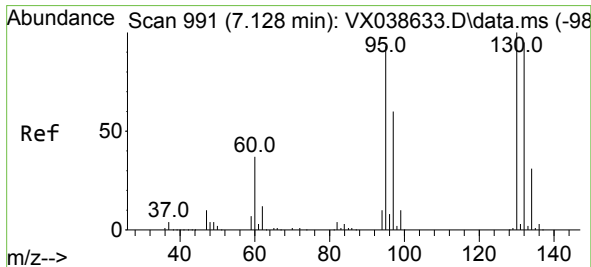
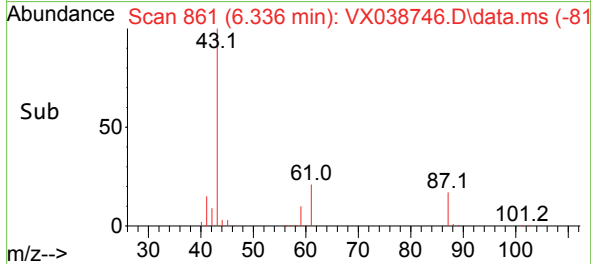
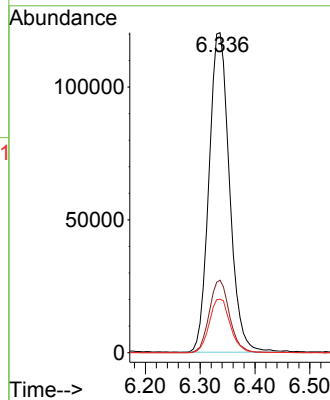
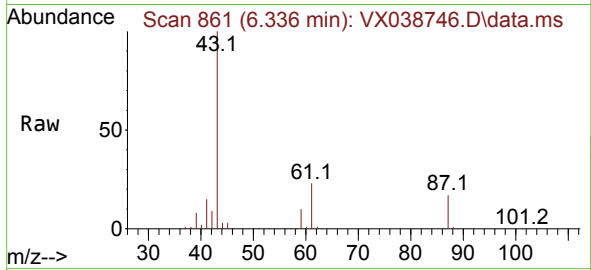




#43
Isopropyl Acetate
Concen: 48.163 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

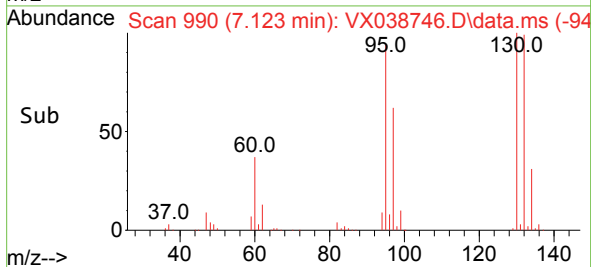
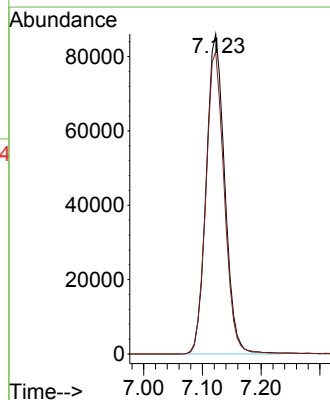
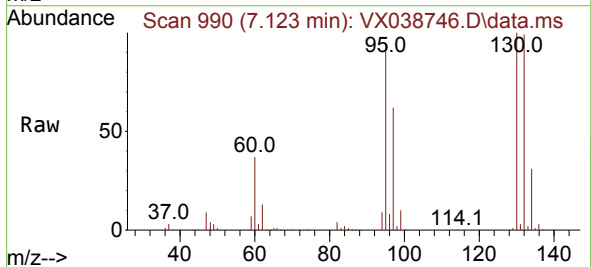
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

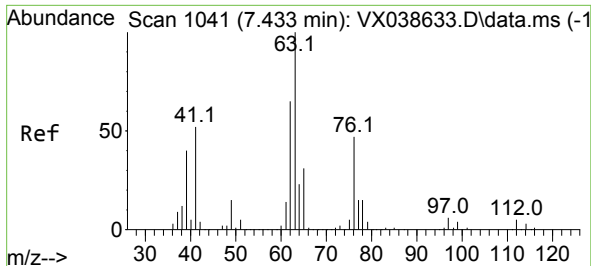
Tgt Ion: 43 Resp: 312052
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 17.1 9.8 14.6#



#44
Trichloroethene
Concen: 50.711 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion:130 Resp: 187586
Ion Ratio Lower Upper
130 100
95 94.4 0.0 204.4

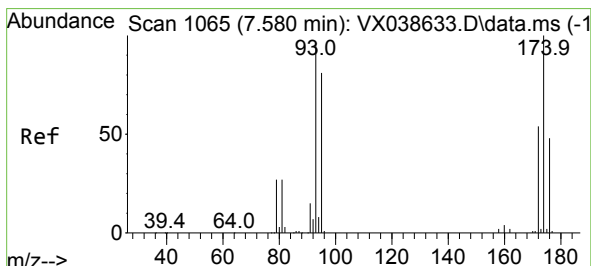
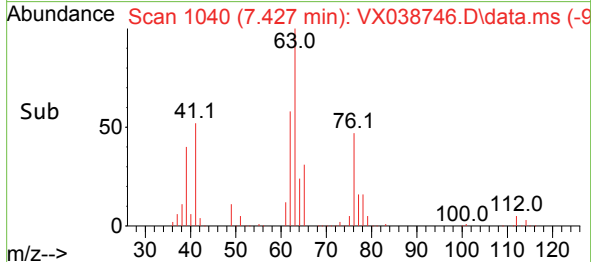
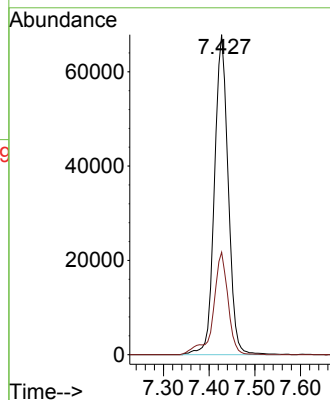
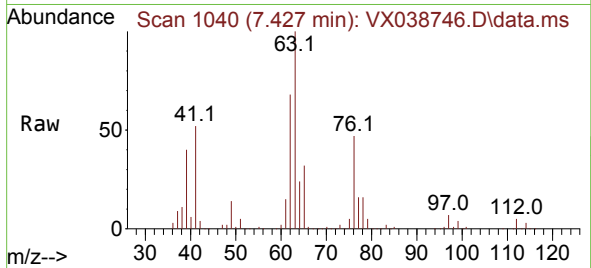




#45
1,2-Dichloropropane
Concen: 49.350 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

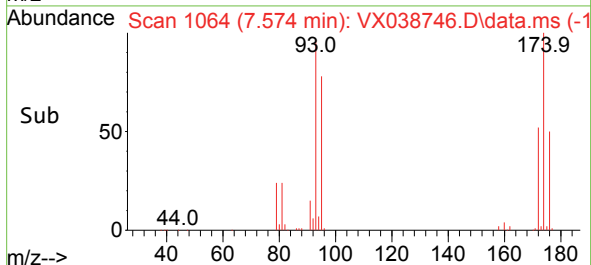
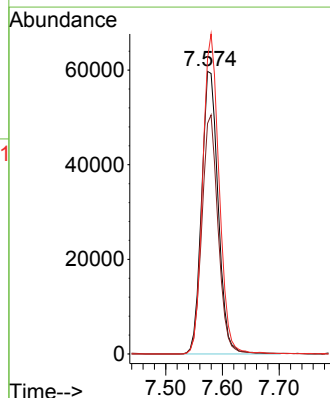
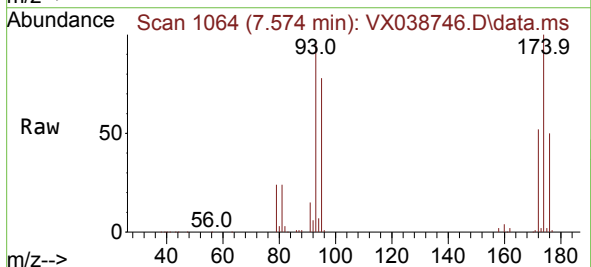
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

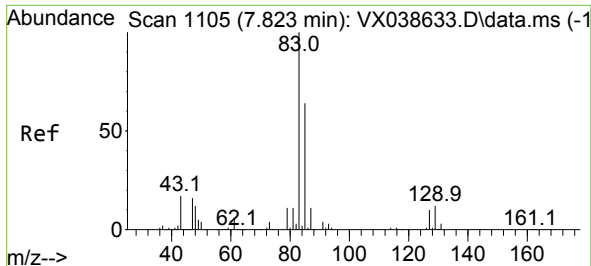
Tgt Ion: 63 Resp: 141834
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5



#46
Dibromomethane
Concen: 50.335 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 93 Resp: 120981
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 112.1 69.4 104.0#

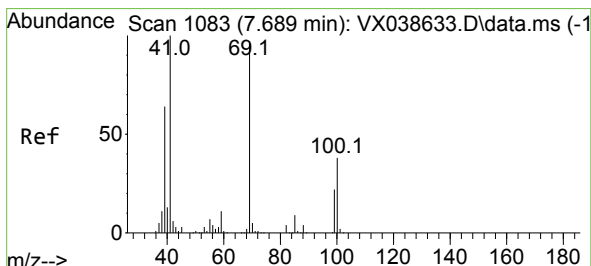
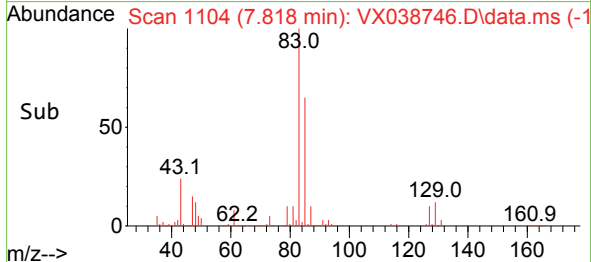
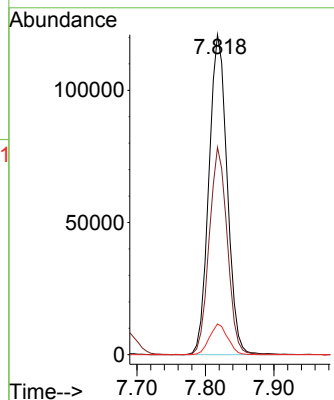
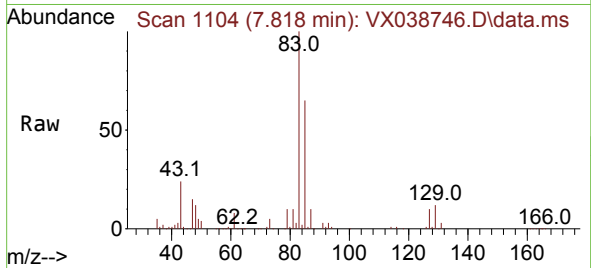




#47
 Bromodichloromethane
 Concen: 49.493 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

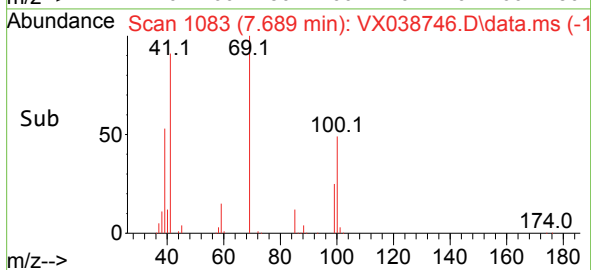
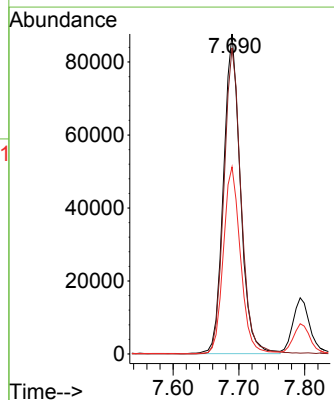
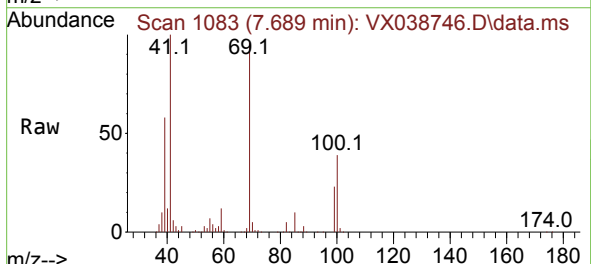
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

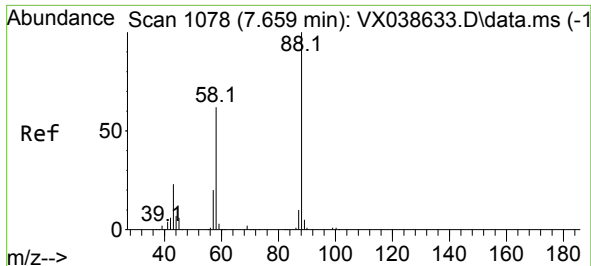
Tgt Ion: 83 Resp: 223718
 Ion Ratio Lower Upper
 83 100
 85 64.8 49.8 74.6
 127 9.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 50.236 ug/l
 RT: 7.689 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

Tgt Ion: 41 Resp: 156857
 Ion Ratio Lower Upper
 41 100
 69 97.4 59.2 88.8#
 39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1048.878 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

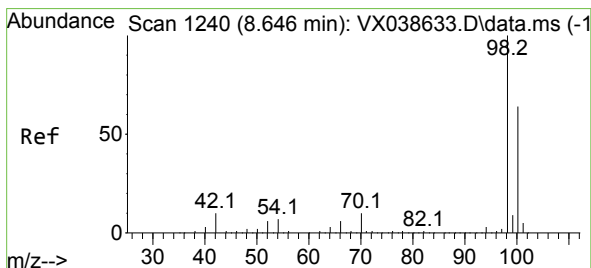
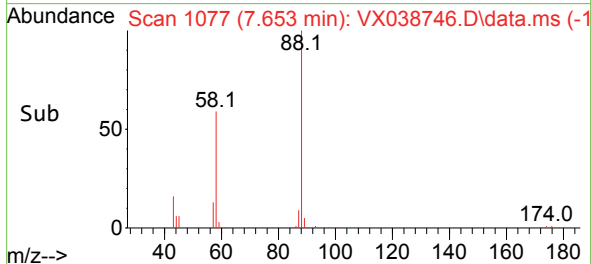
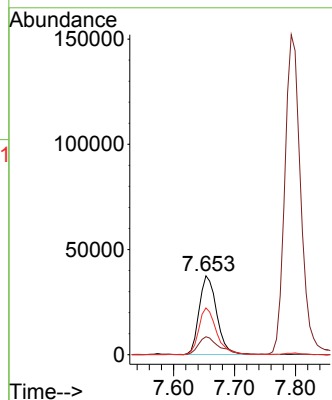
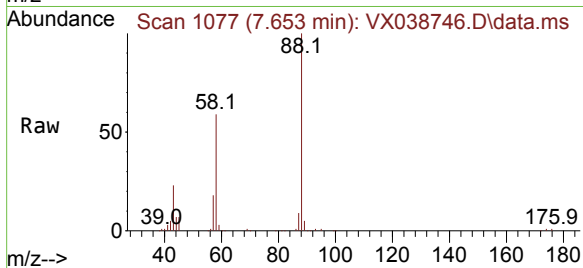
Tgt Ion: 88 Resp: 74556

Ion Ratio Lower Upper

88 100

43 26.9 0.0 0.0#

58 60.1 60.1 90.1



#50

Toluene-d8

Concen: 51.008 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038746.D

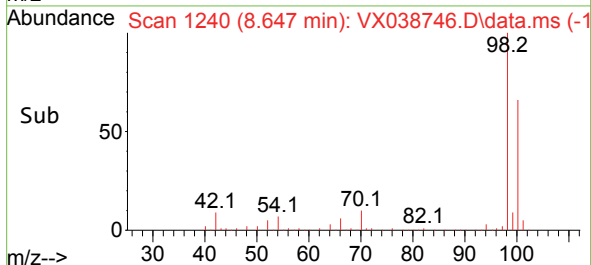
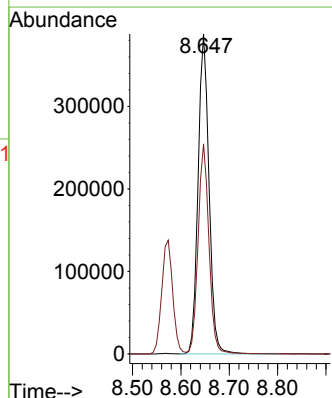
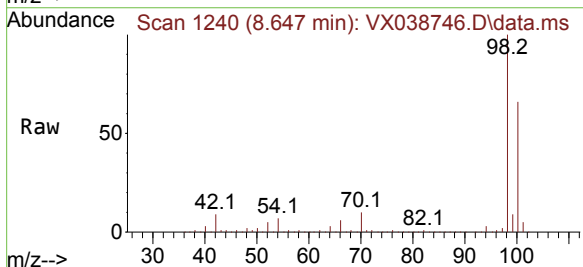
Acq: 10 Nov 2023 23:22

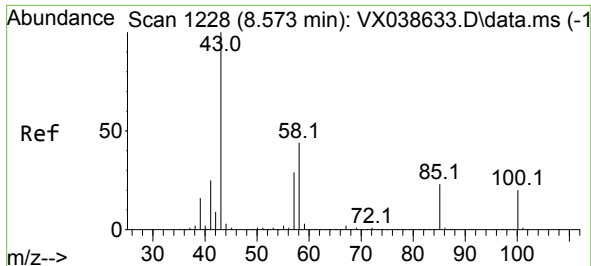
Tgt Ion: 98 Resp: 606522

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 251.830 ug/l

RT: 8.567 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

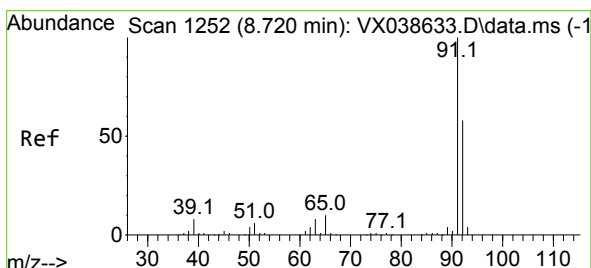
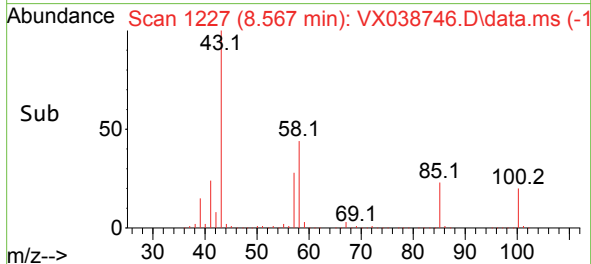
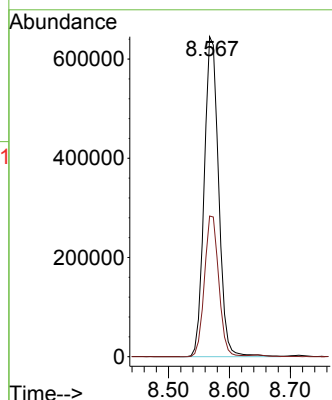
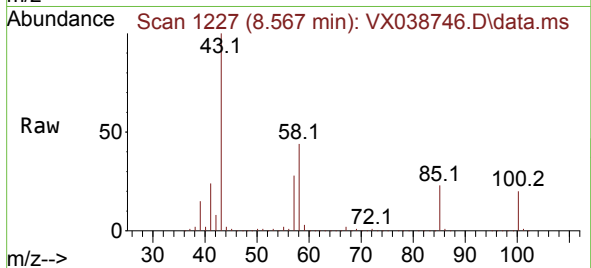
VSTDCCC050

Tgt Ion: 43 Resp: 1063052

Ion Ratio Lower Upper

43 100

58 43.8 30.4 45.6



#52

Toluene

Concen: 51.177 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038746.D

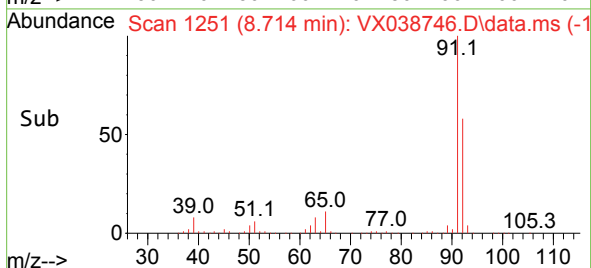
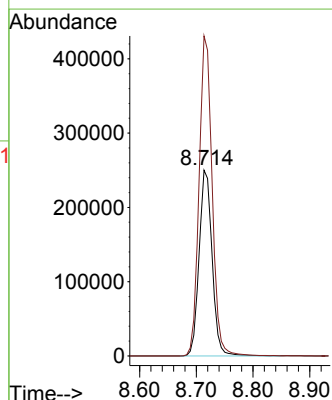
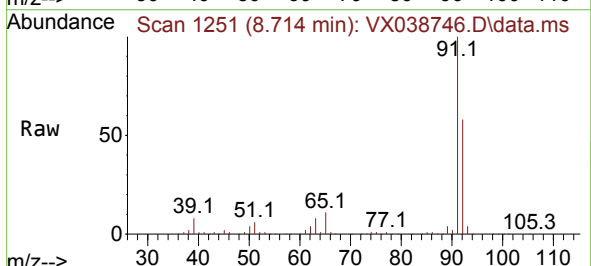
Acq: 10 Nov 2023 23:22

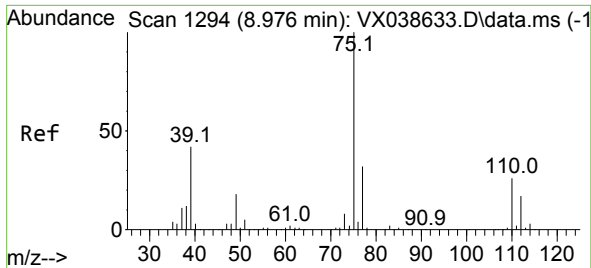
Tgt Ion: 92 Resp: 398574

Ion Ratio Lower Upper

92 100

91 173.4 134.2 201.2

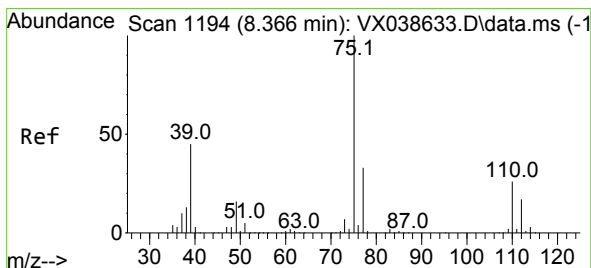
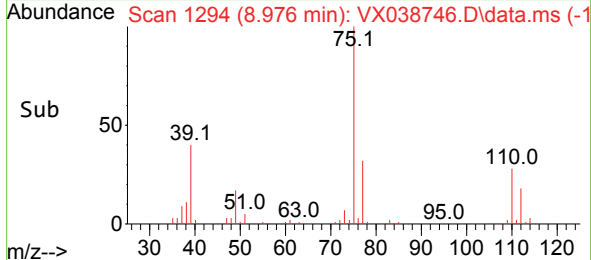
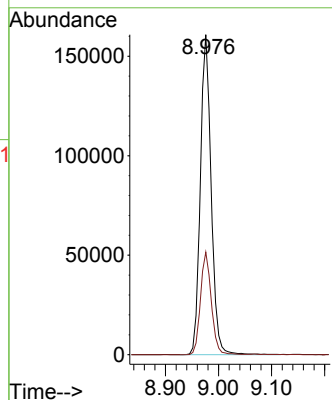
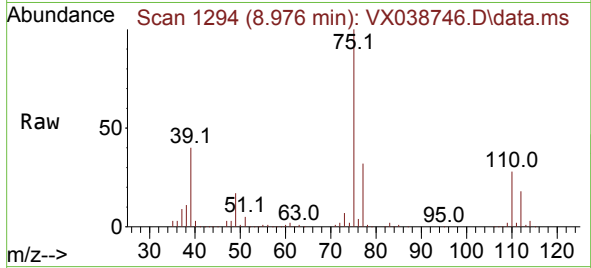




#53
t-1,3-Dichloropropene
Concen: 49.554 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

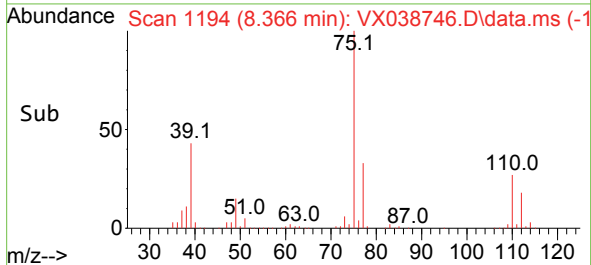
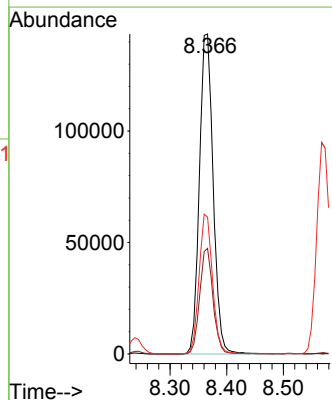
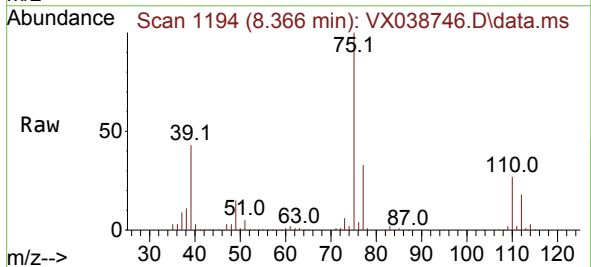
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

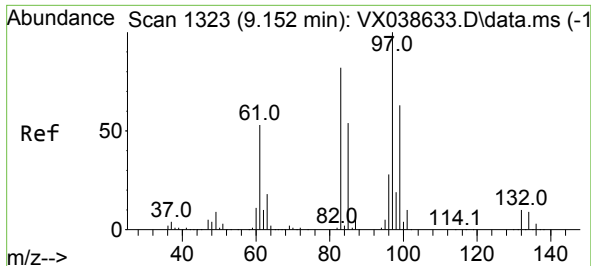
Tgt Ion: 75 Resp: 228046
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 49.855 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 75 Resp: 242201
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
39 42.7 46.7 70.1#



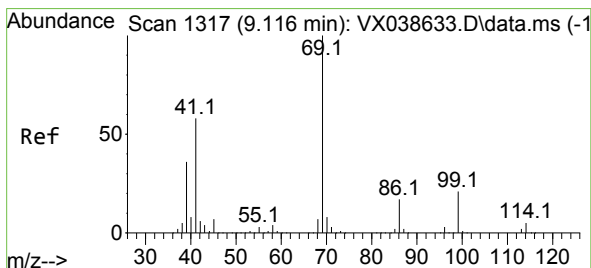
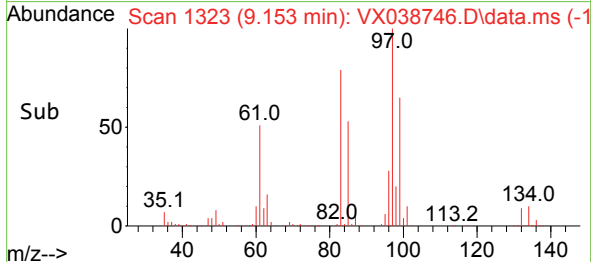
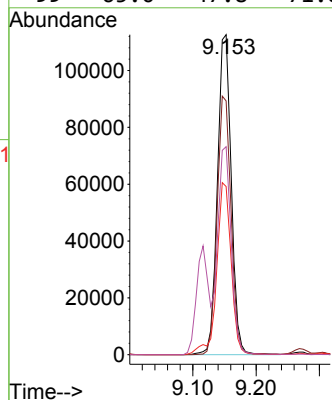
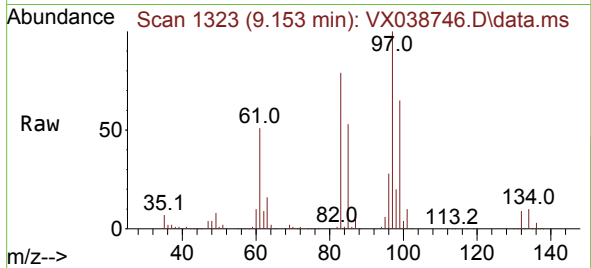


#55
 1,1,2-Trichloroethane
 Concen: 51.508 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 170211

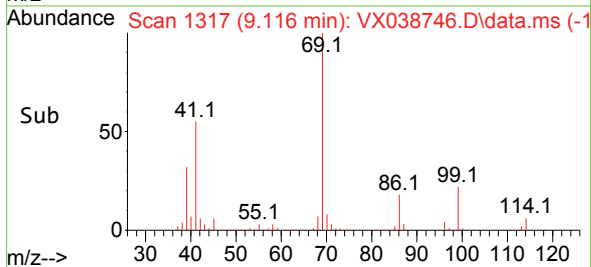
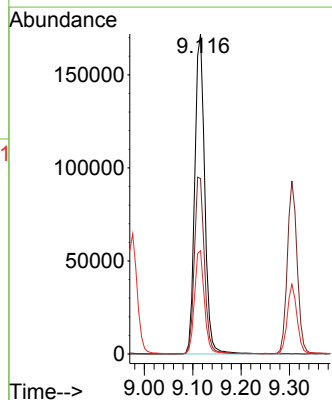
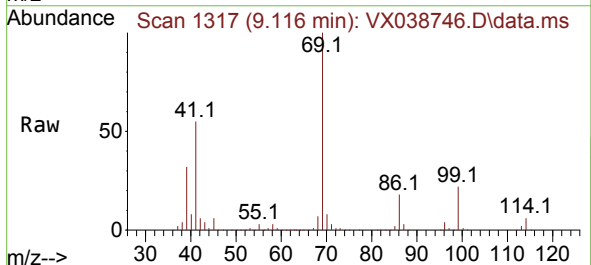
Ion	Ratio	Lower	Upper
97	100		
83	79.3	65.8	98.8
85	52.5	41.6	62.4
99	65.0	47.8	71.8

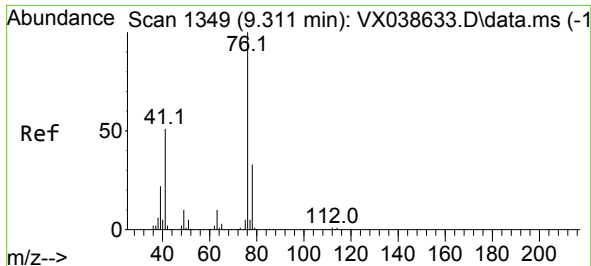


#56
 Ethyl methacrylate
 Concen: 53.015 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX038746.D
 Acq: 10 Nov 2023 23:22

Tgt Ion: 69 Resp: 245110

Ion	Ratio	Lower	Upper
69	100		
41	56.1	56.8	85.2#
39	31.9	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 50.745 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

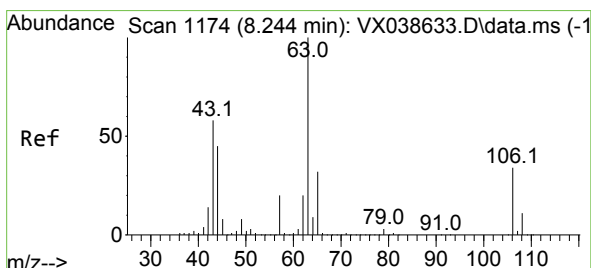
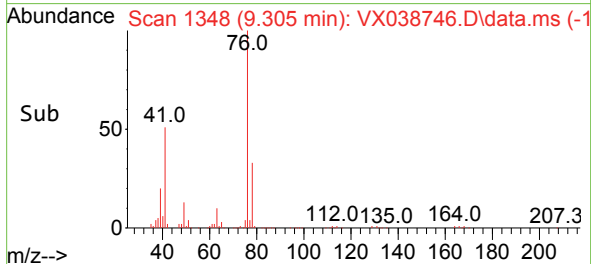
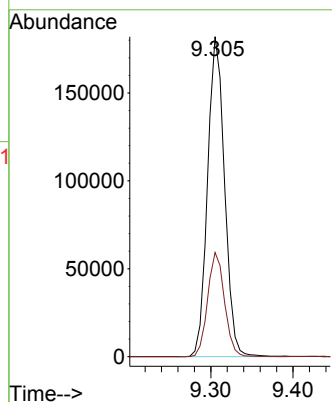
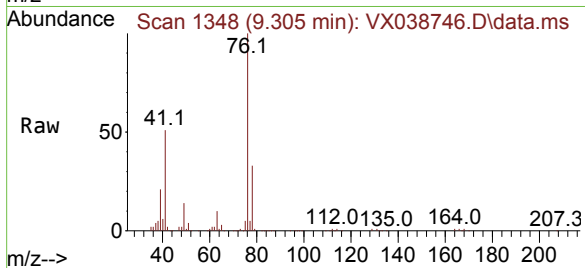
VSTDCCC050

Tgt Ion: 76 Resp: 261186

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.435 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038746.D

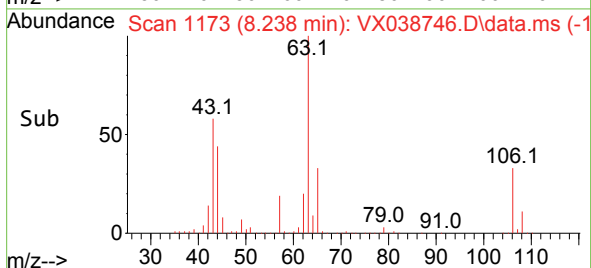
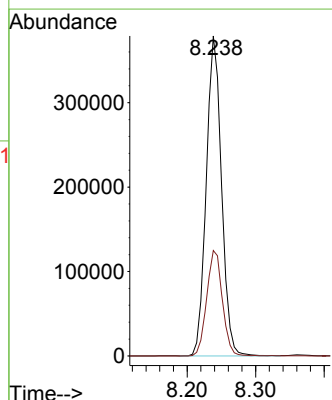
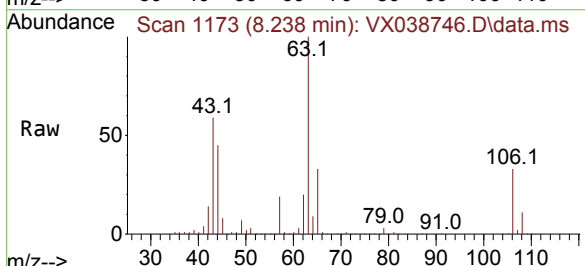
Acq: 10 Nov 2023 23:22

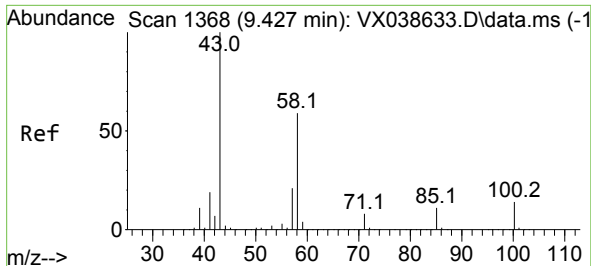
Tgt Ion: 63 Resp: 587474

Ion Ratio Lower Upper

63 100

106 33.8 22.5 33.7#

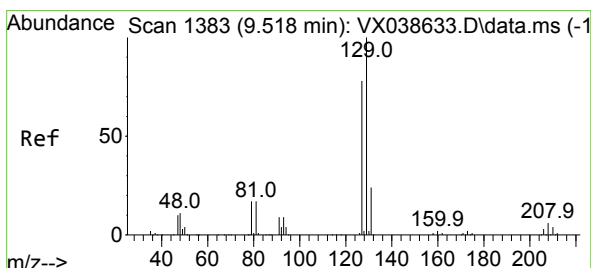
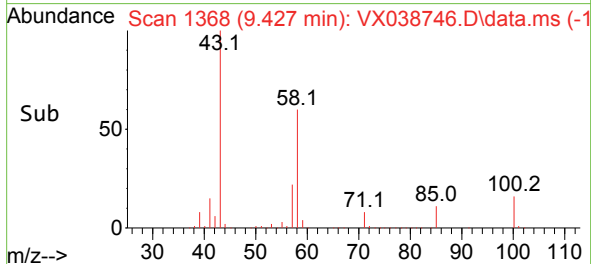
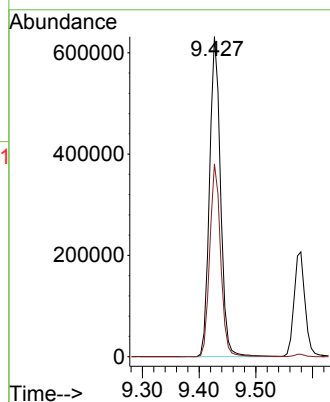
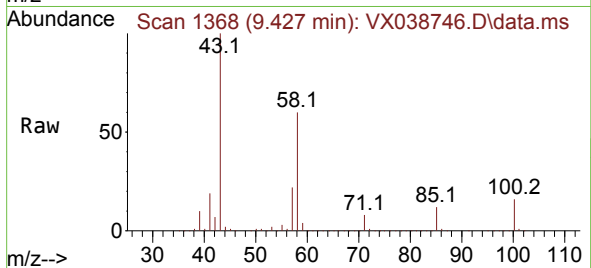




#59
2-Hexanone
Concen: 248.995 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

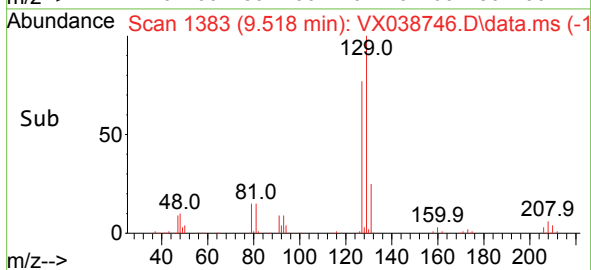
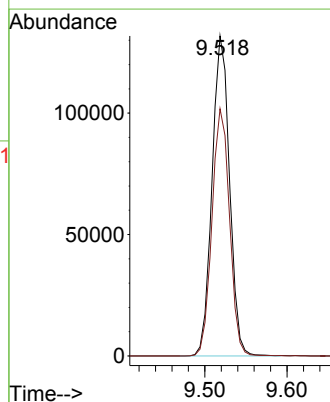
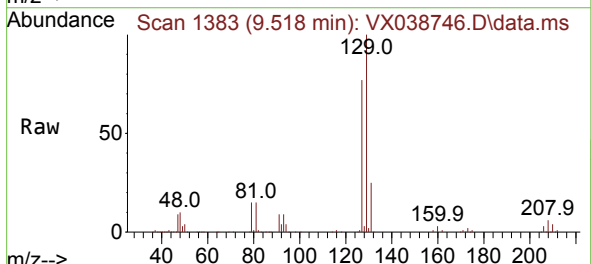
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

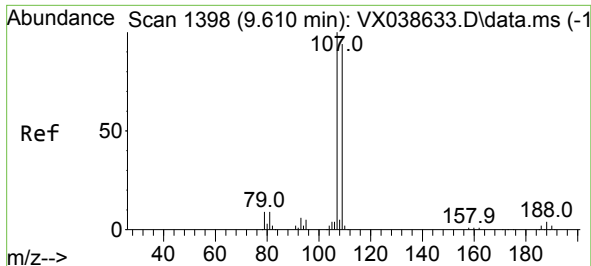
Tgt Ion: 43 Resp: 850474
Ion Ratio Lower Upper
43 100
58 59.9 26.2 78.5



#60
Dibromochloromethane
Concen: 52.406 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion:129 Resp: 194404
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4

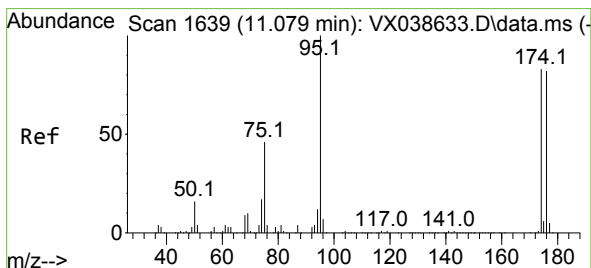
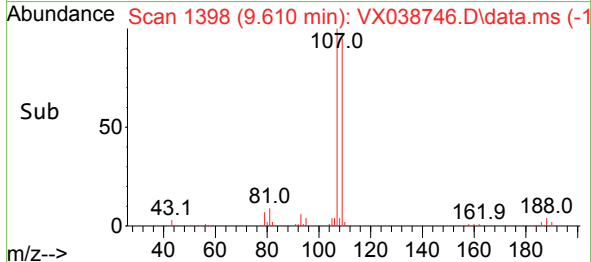
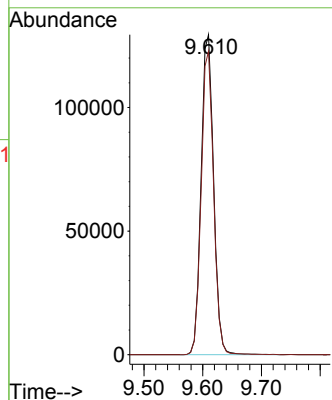
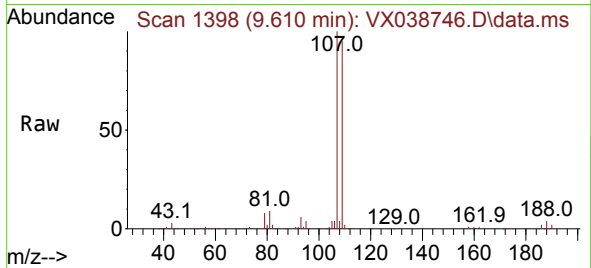




#61
1,2-Dibromoethane
Concen: 51.519 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

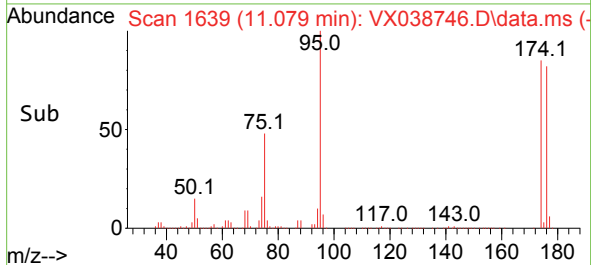
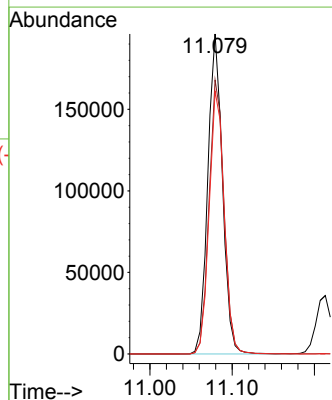
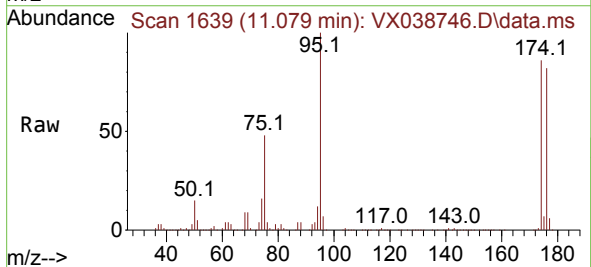
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

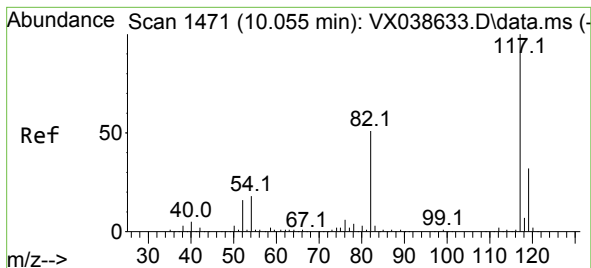
Tgt Ion:107 Resp: 191336
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 52.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 95 Resp: 242382
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 84.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

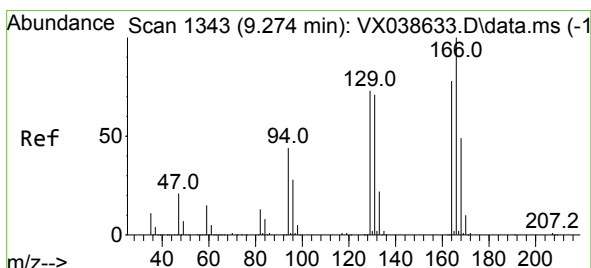
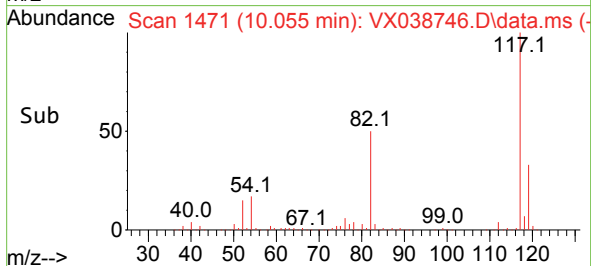
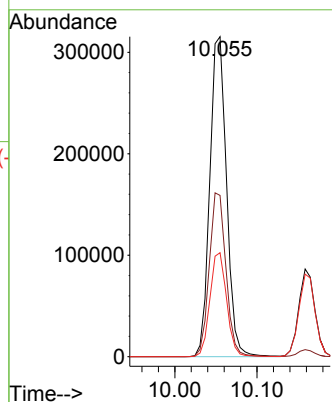
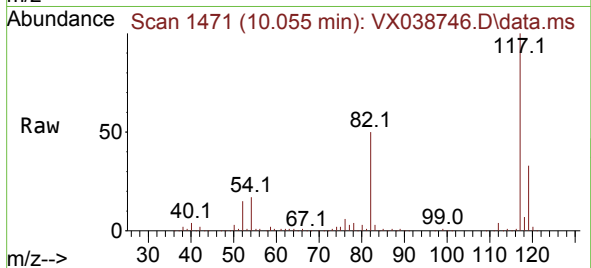
Tgt Ion:117 Resp: 446089

Ion Ratio Lower Upper

117 100

82 50.4 46.2 69.4

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 51.429 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Tgt Ion:164 Resp: 171727

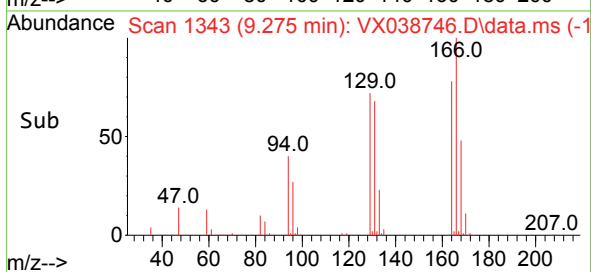
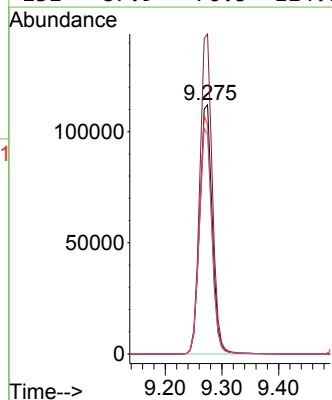
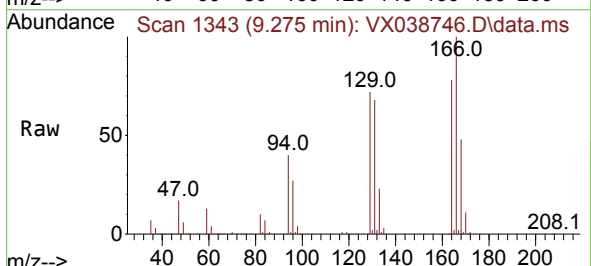
Ion Ratio Lower Upper

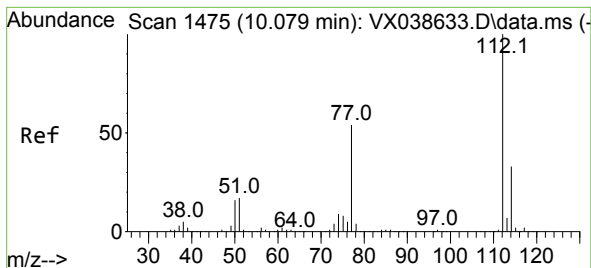
164 100

166 128.5 102.7 154.1

129 92.3 80.4 120.6

131 87.9 76.5 114.7

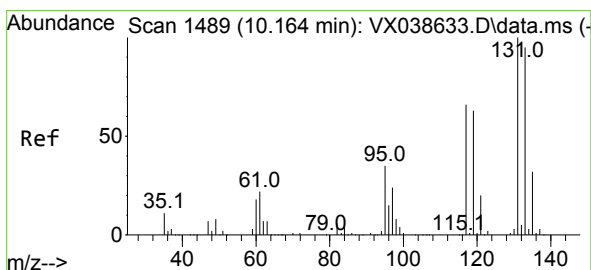
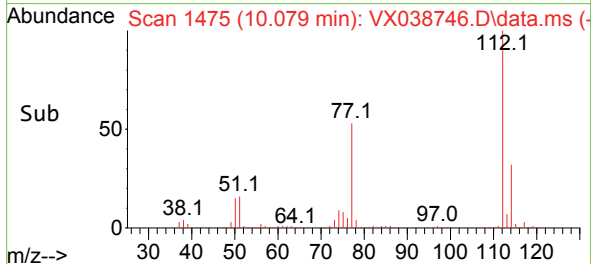
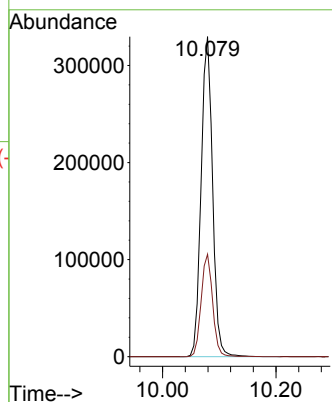
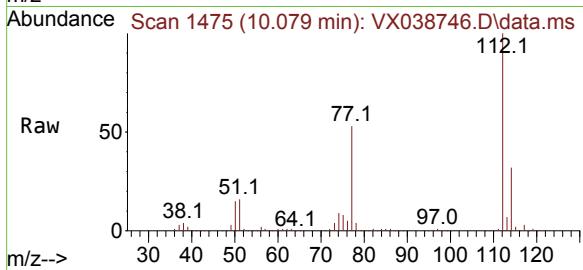




#65
Chlorobenzene
Concen: 50.856 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

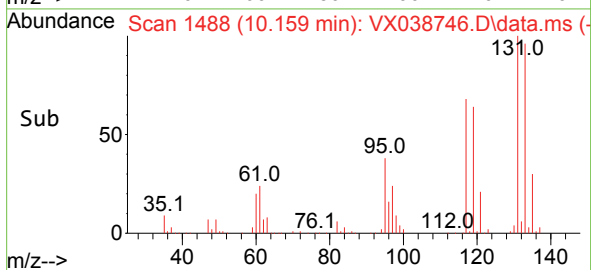
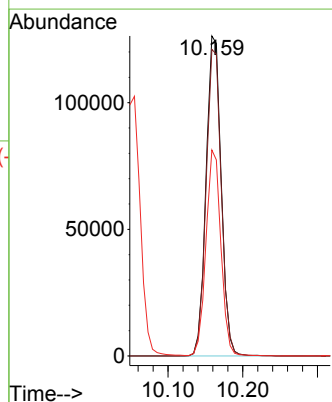
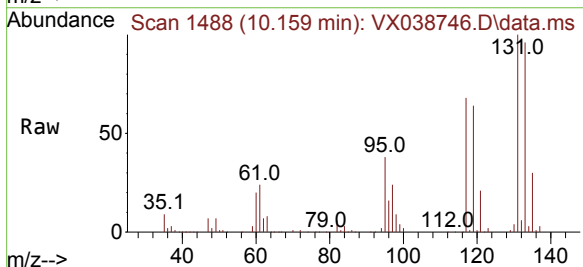
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

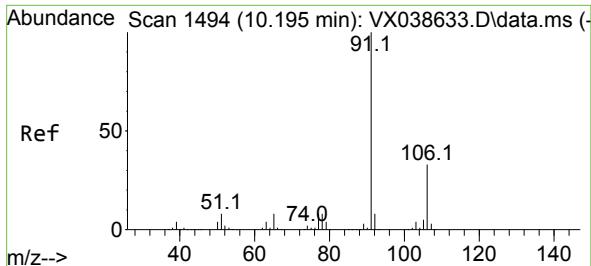
Tgt Ion:112 Resp: 461814
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.989 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion:131 Resp: 177476
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 63.6 32.2 96.6

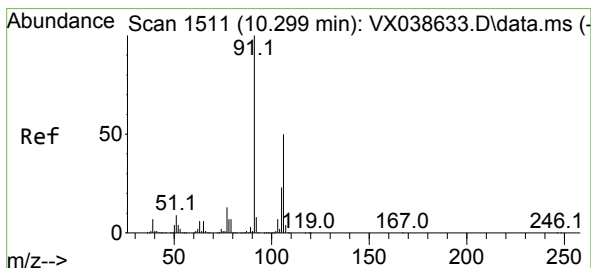
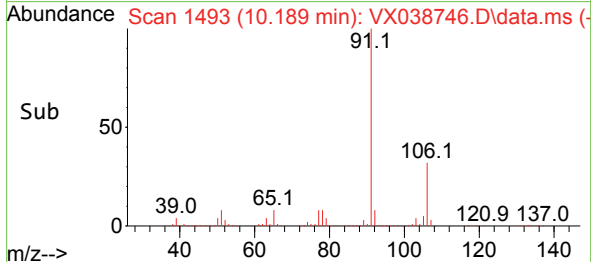
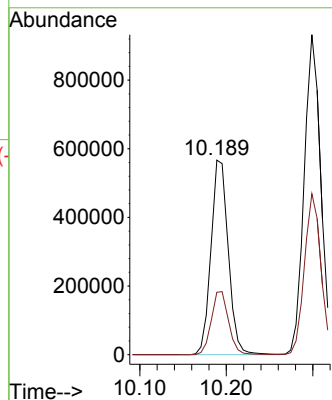
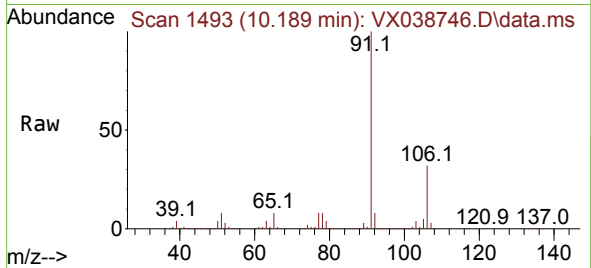




#67
Ethyl Benzene
Concen: 51.287 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

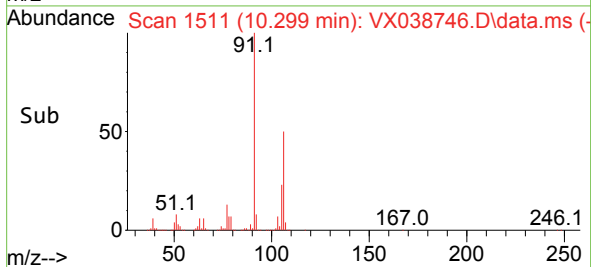
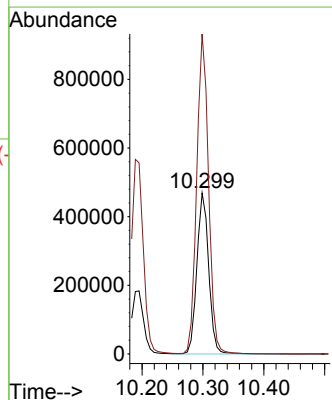
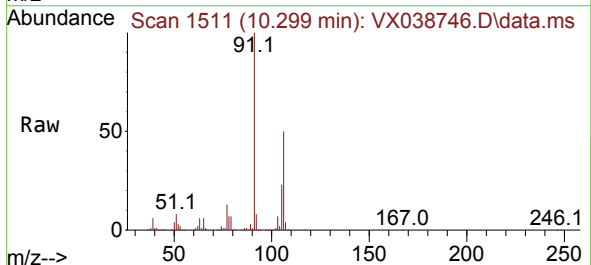
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

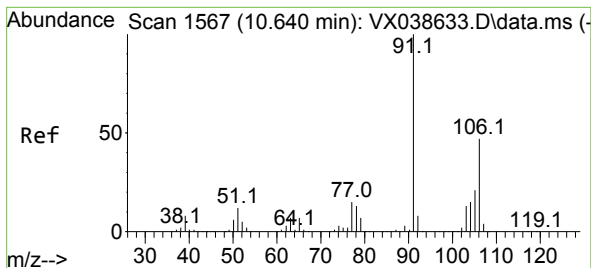
Tgt Ion: 91 Resp: 787802
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 103.154 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 106 Resp: 628870
Ion Ratio Lower Upper
106 100
91 199.3 165.5 248.3





#69

o-Xylene

Concen: 51.948 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

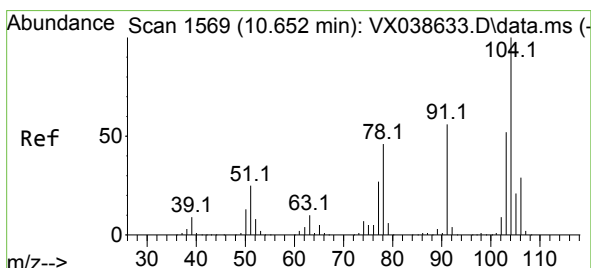
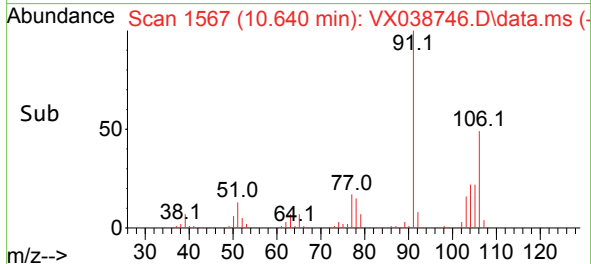
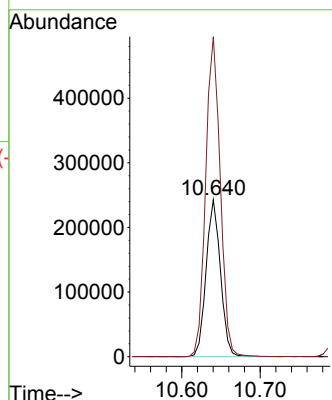
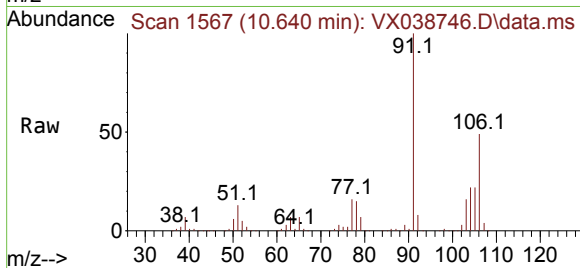
VSTDCCC050

Tgt Ion:106 Resp: 307977

Ion Ratio Lower Upper

106 100

91 207.4 108.9 326.8



#70

Styrene

Concen: 53.020 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

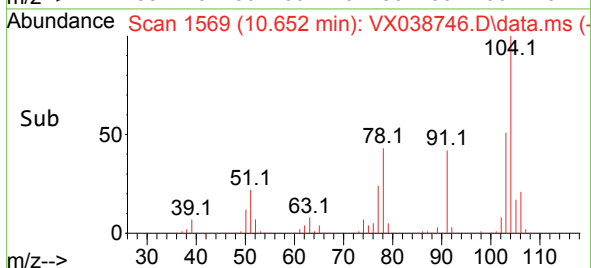
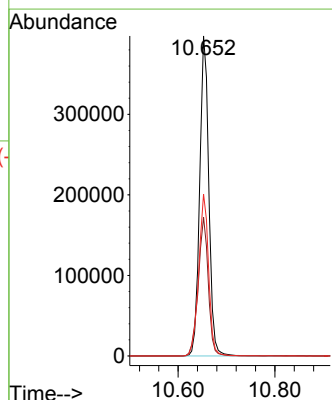
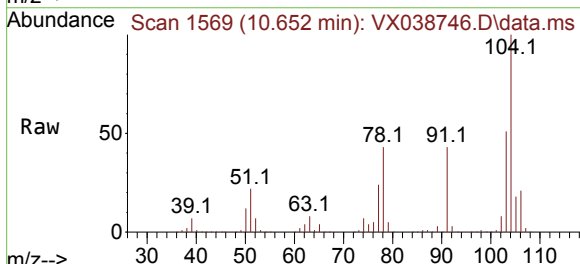
Tgt Ion:104 Resp: 518774

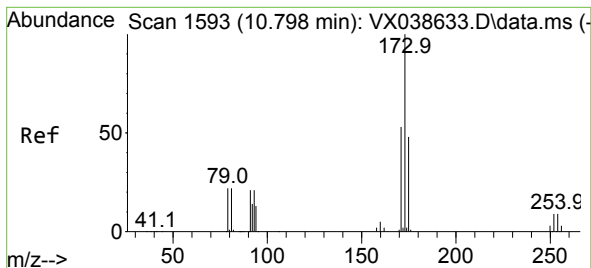
Ion Ratio Lower Upper

104 100

78 47.6 43.6 65.4

103 55.0 43.6 65.4





#71

Bromoform

Concen: 52.147 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

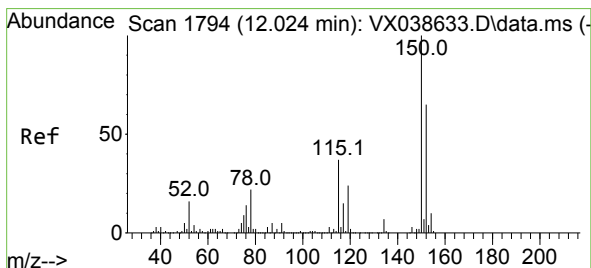
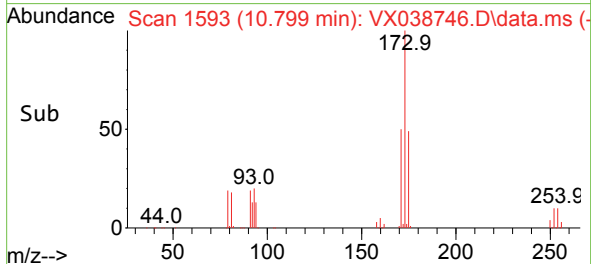
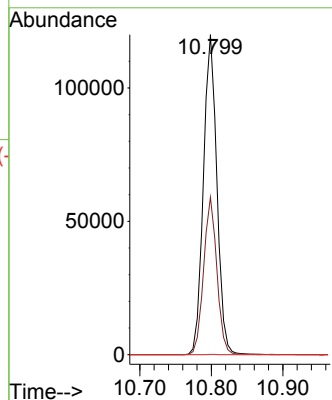
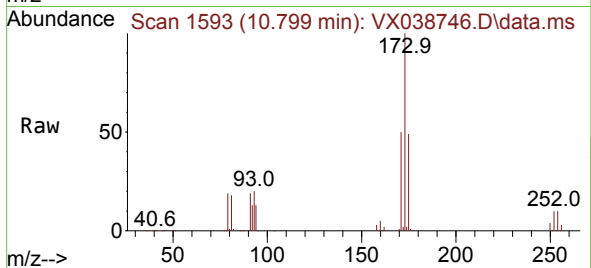
Tgt Ion:173 Resp: 157124

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

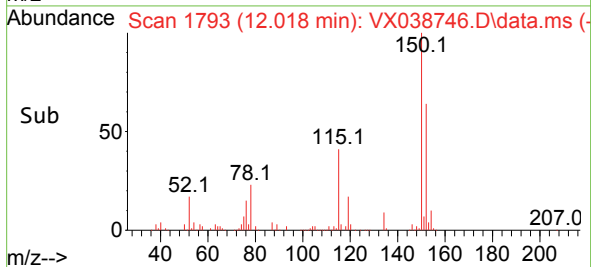
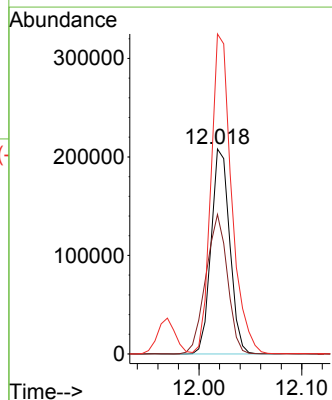
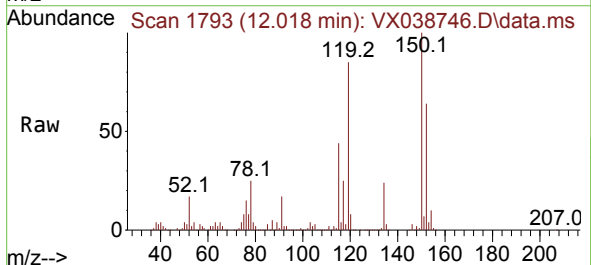
Tgt Ion:152 Resp: 261523

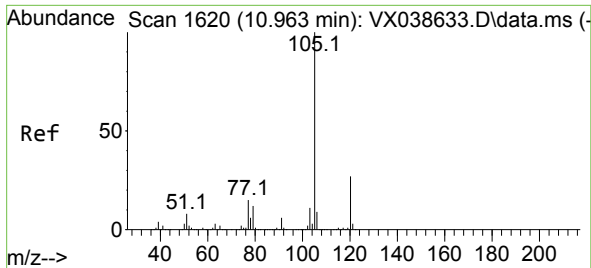
Ion Ratio Lower Upper

152 100

115 79.1 43.3 129.9

150 172.6 0.0 345.0

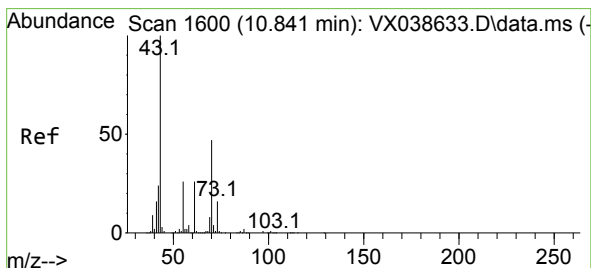
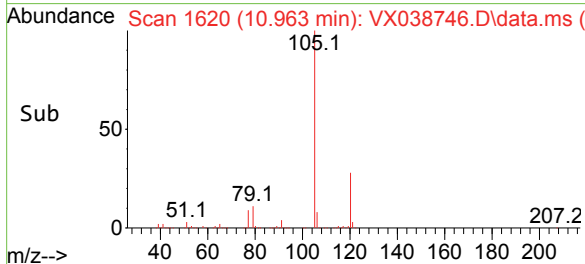
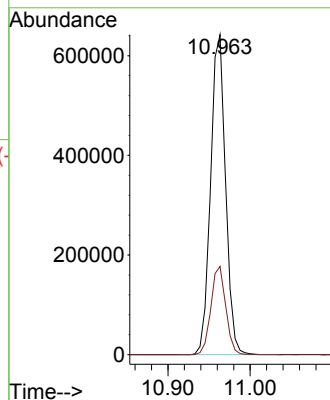
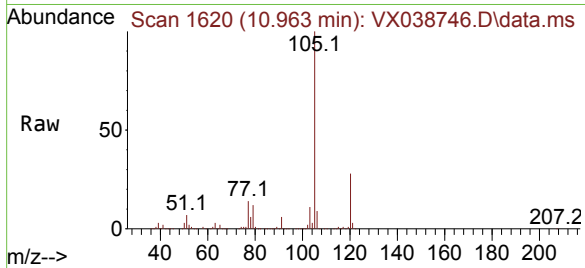




#73
Isopropylbenzene
Concen: 50.559 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

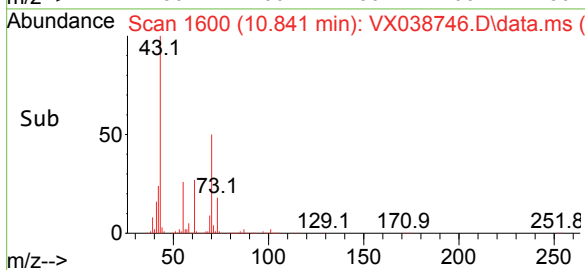
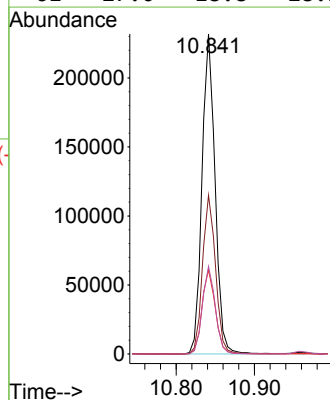
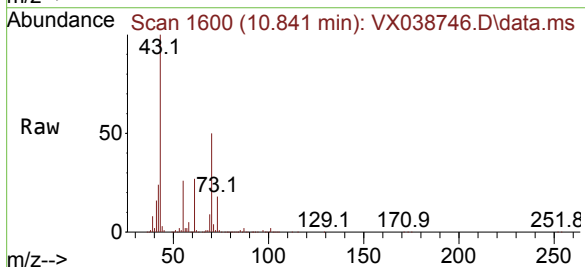
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

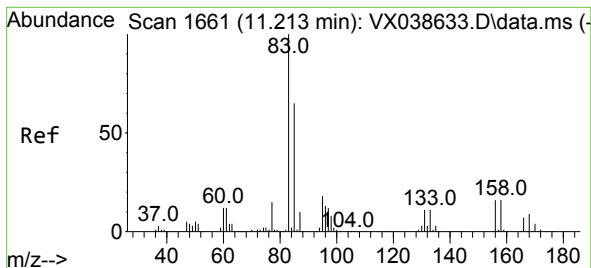
Tgt Ion:105 Resp: 811178
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6



#74
N-ethyl acetate
Concen: 48.143 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 43 Resp: 268383
Ion Ratio Lower Upper
43 100
70 49.7 32.9 49.3#
55 26.8 19.3 28.9
61 27.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.000 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

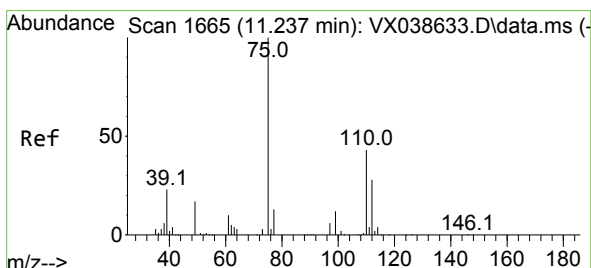
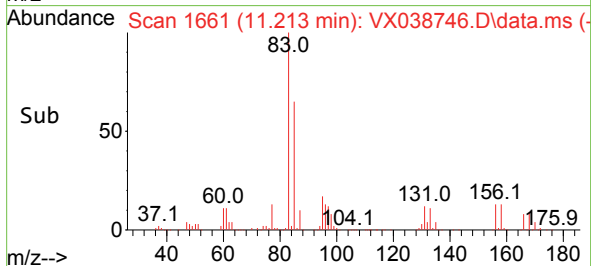
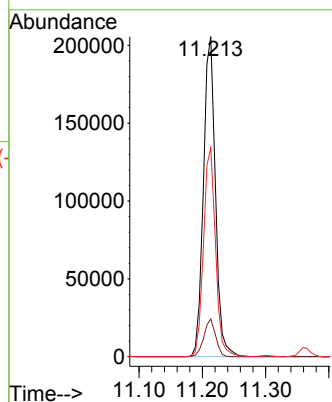
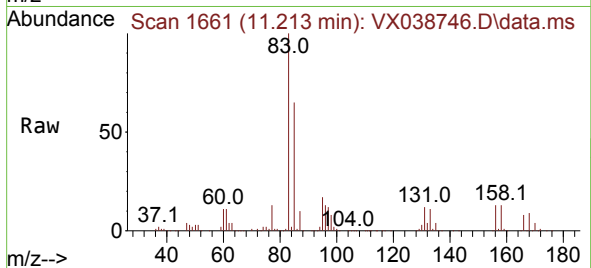
Tgt Ion: 83 Resp: 271790

Ion Ratio Lower Upper

83 100

131 11.5 5.3 15.8

85 65.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 57.498 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038746.D

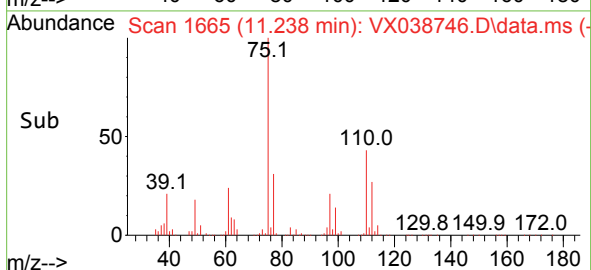
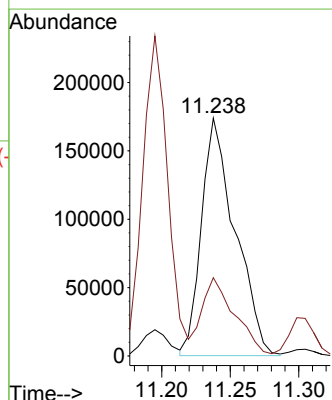
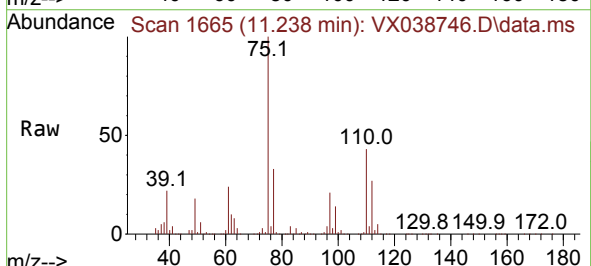
Acq: 10 Nov 2023 23:22

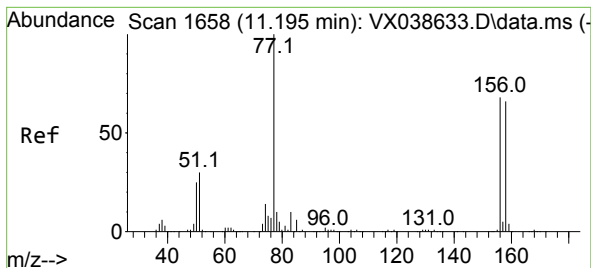
Tgt Ion: 75 Resp: 297809

Ion Ratio Lower Upper

75 100

77 32.2 19.1 57.5





#77

Bromobenzene

Concen: 49.615 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

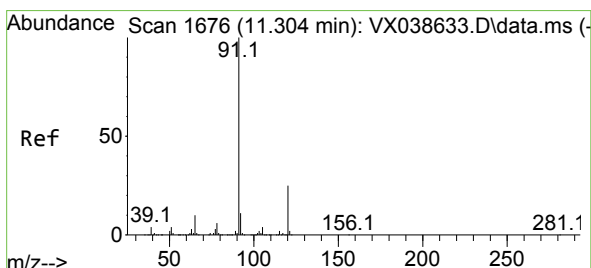
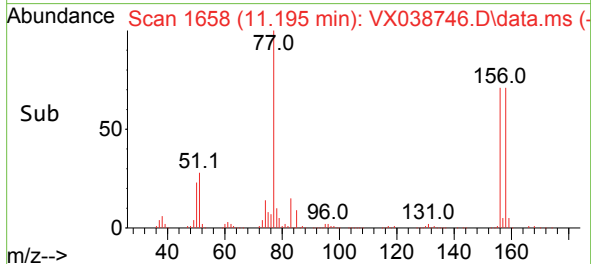
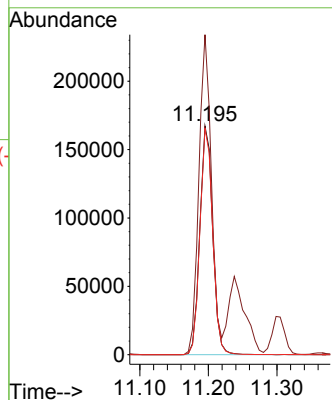
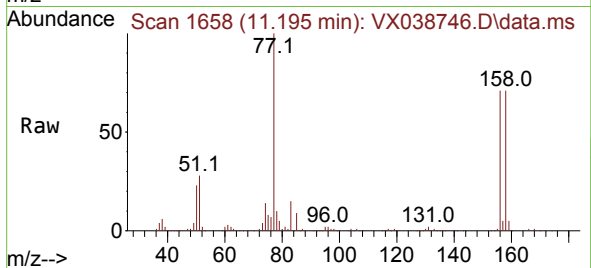
Tgt Ion:156 Resp: 218472

Ion Ratio Lower Upper

156 100

77 136.9 88.4 265.3

158 98.5 48.0 144.0



#78

n-propylbenzene

Concen: 50.401 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038746.D

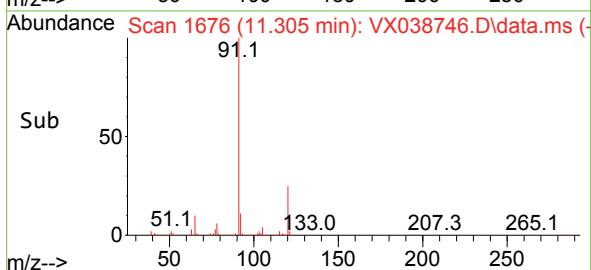
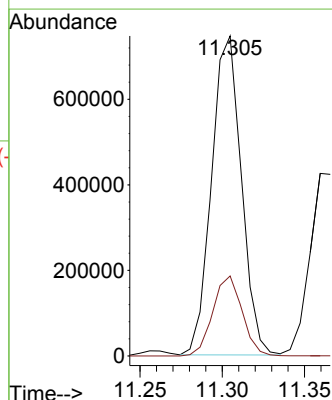
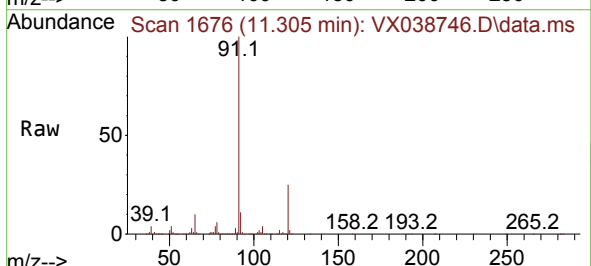
Acq: 10 Nov 2023 23:22

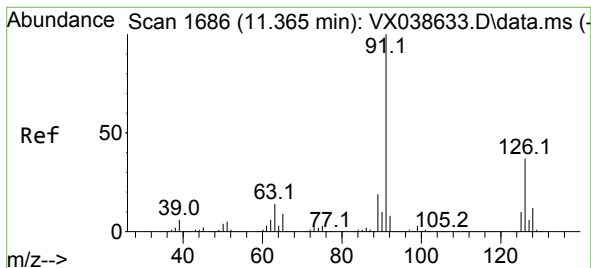
Tgt Ion: 91 Resp: 941001

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.906 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

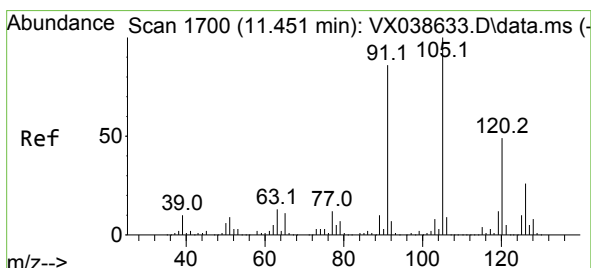
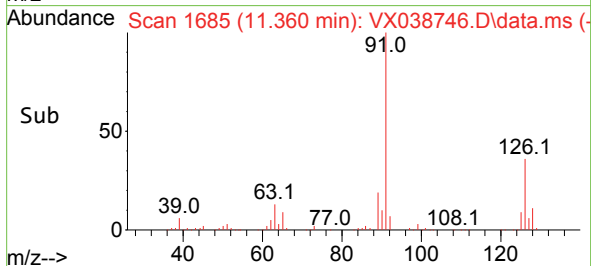
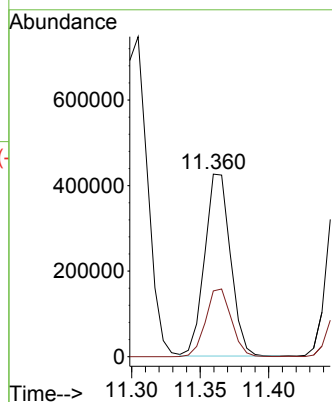
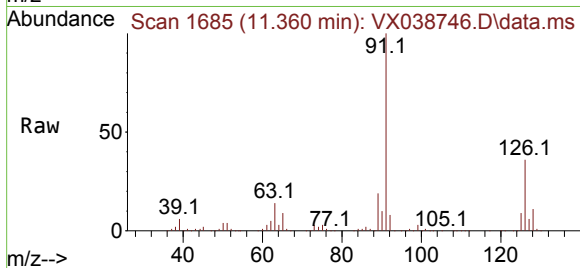
VSTDCCC050

Tgt Ion: 91 Resp: 557847

Ion Ratio Lower Upper

91 100

126 37.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.774 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038746.D

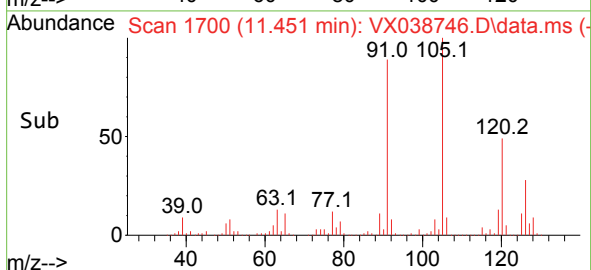
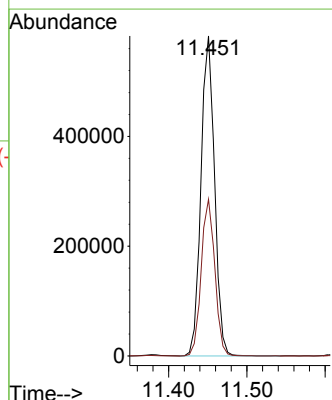
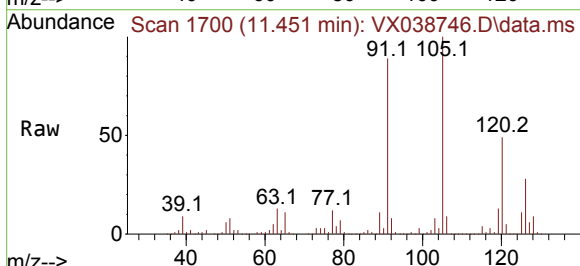
Acq: 10 Nov 2023 23:22

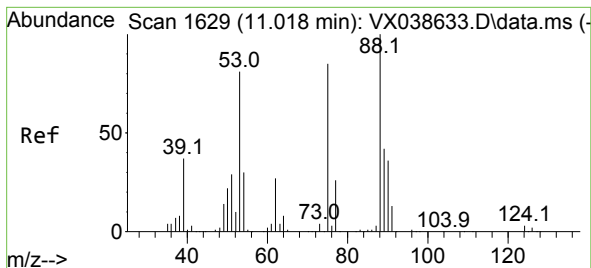
Tgt Ion:105 Resp: 701117

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3

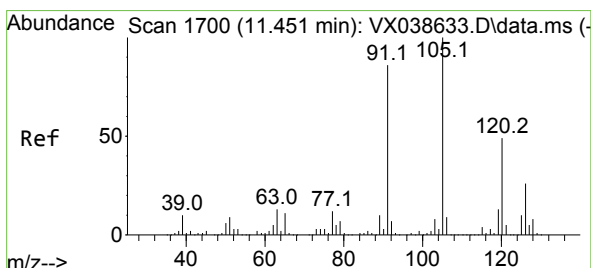
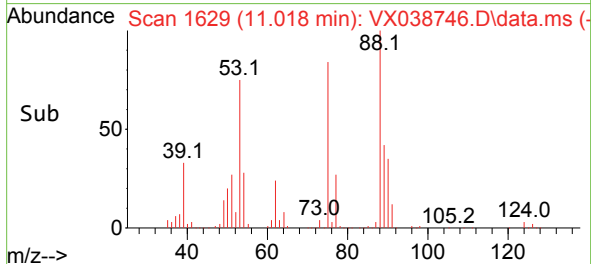
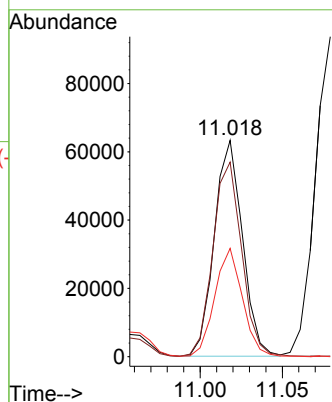
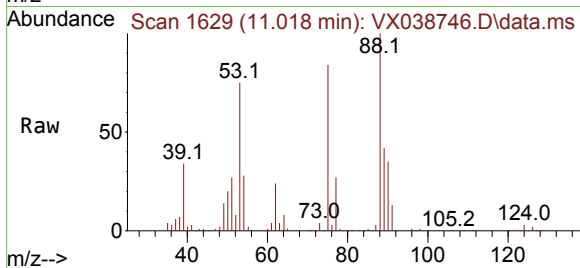




#81
trans-1,4-Dichloro-2-butene
Concen: 45.946 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

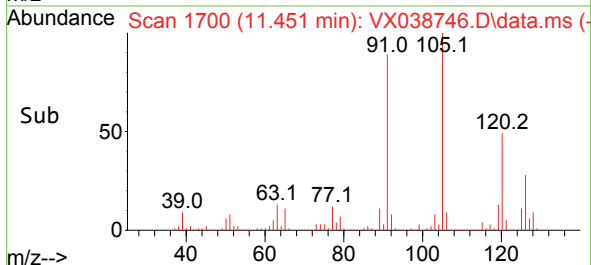
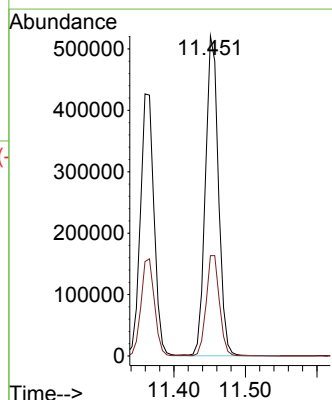
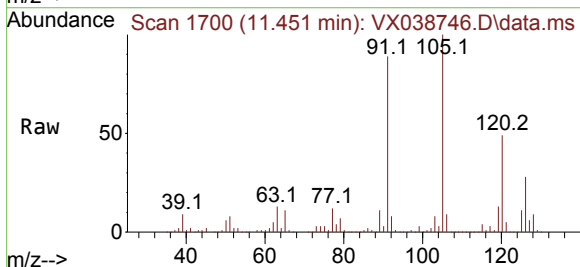
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

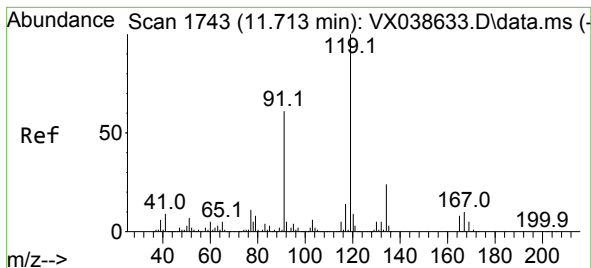
Tgt Ion: 75 Resp: 75392
Ion Ratio Lower Upper
75 100
53 91.9 90.5 135.7
89 49.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.496 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 91 Resp: 659407
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.433 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

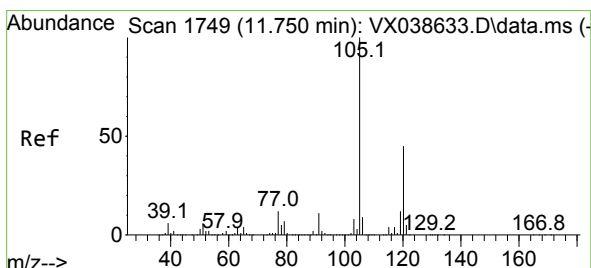
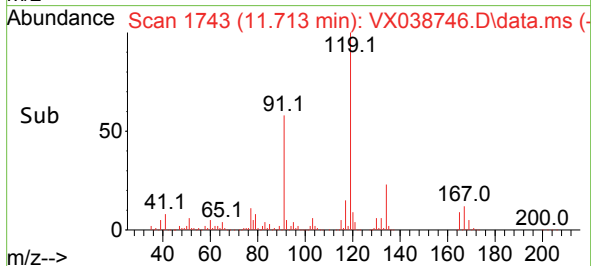
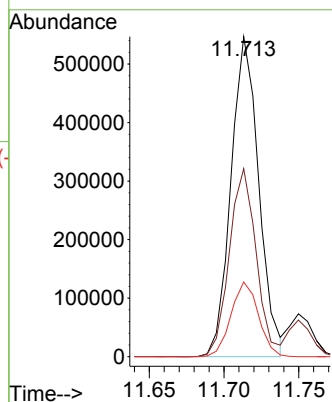
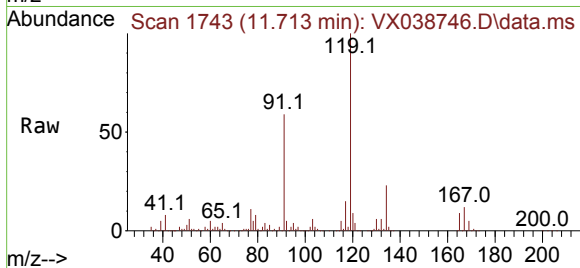
Tgt Ion:119 Resp: 705652

Ion Ratio Lower Upper

119 100

91 57.1 31.2 93.6

134 23.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.735 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038746.D

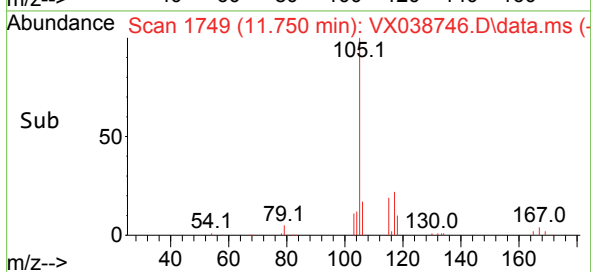
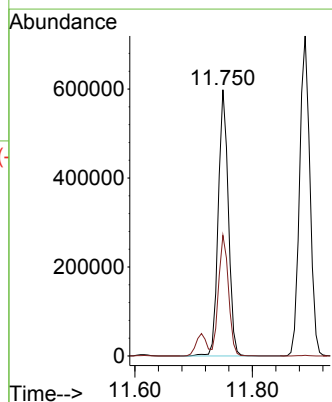
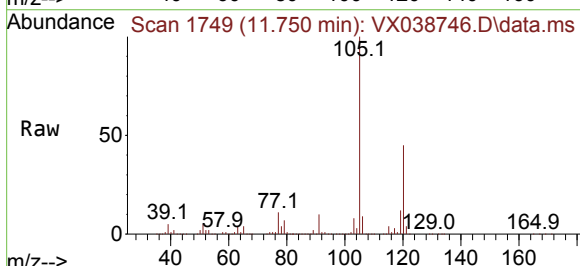
Acq: 10 Nov 2023 23:22

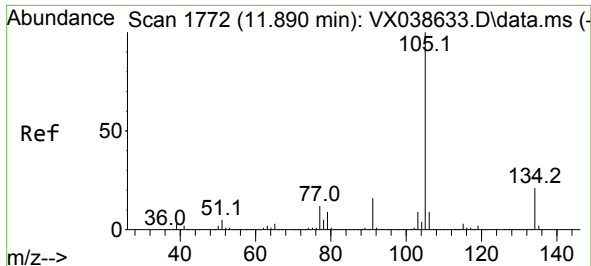
Tgt Ion:105 Resp: 708551

Ion Ratio Lower Upper

105 100

120 44.8 21.2 63.6

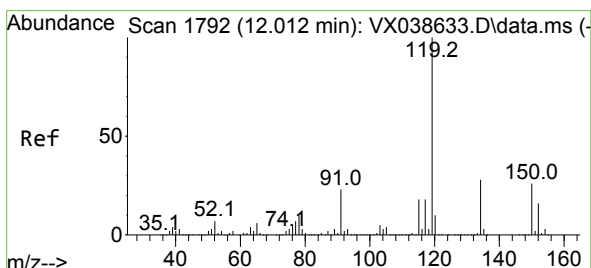
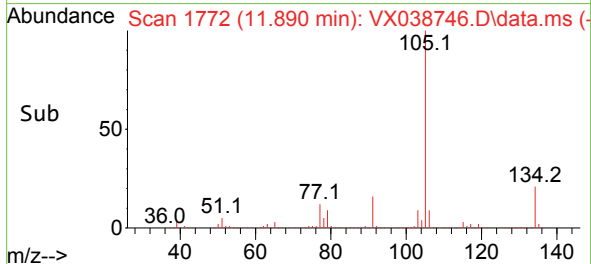
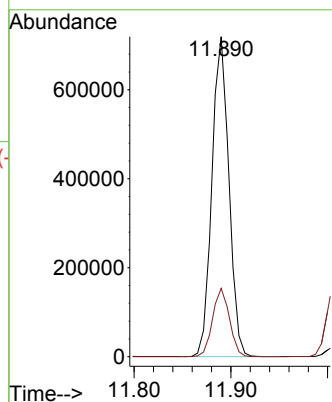
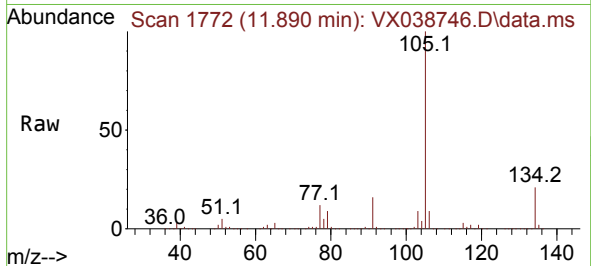




#85
sec-Butylbenzene
Concen: 50.166 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

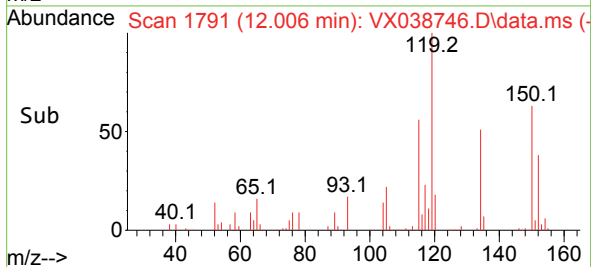
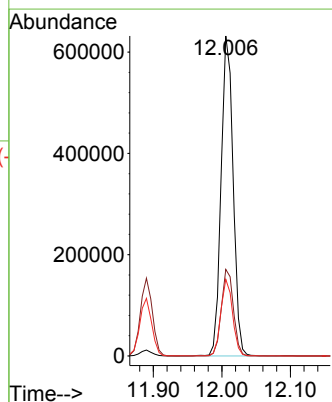
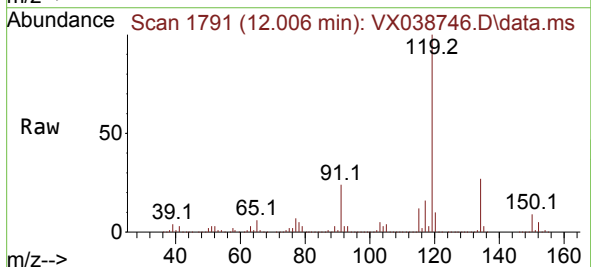
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 875845
Ion Ratio Lower Upper
105 100
134 21.2 9.8 29.4



#86
p-Isopropyltoluene
Concen: 51.525 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion:119 Resp: 766330
Ion Ratio Lower Upper
119 100
134 27.2 12.8 38.3
91 23.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.656 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

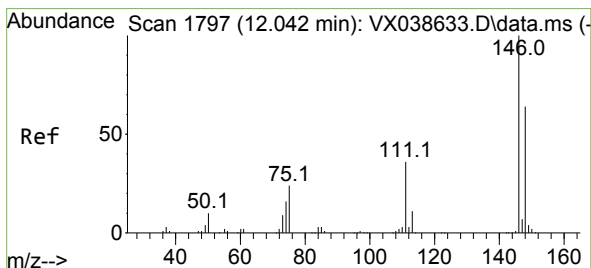
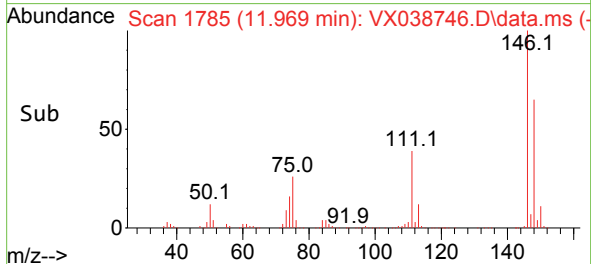
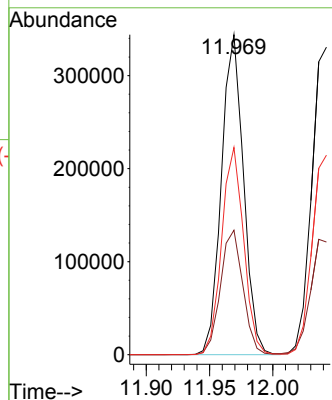
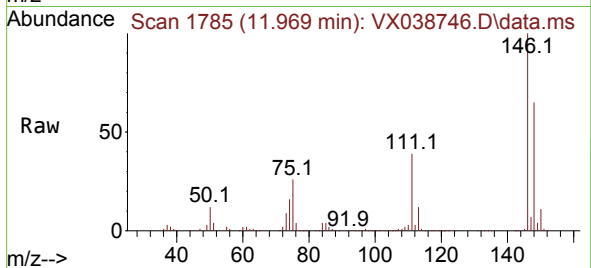
Tgt Ion:146 Resp: 418038

Ion Ratio Lower Upper

146 100

111 39.6 22.1 66.1

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.241 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

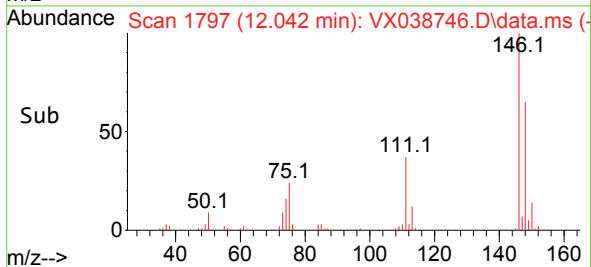
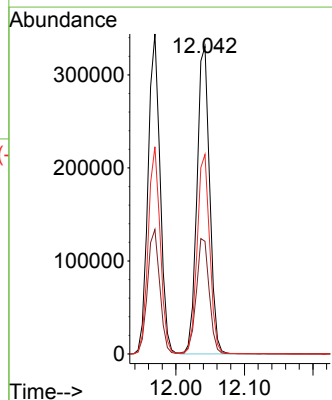
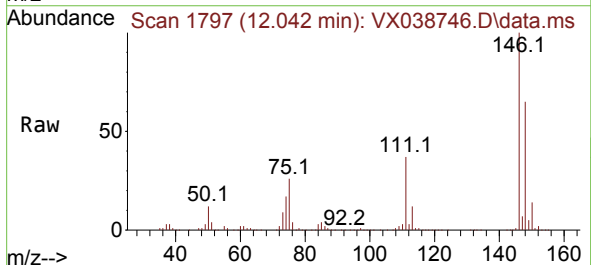
Tgt Ion:146 Resp: 426095

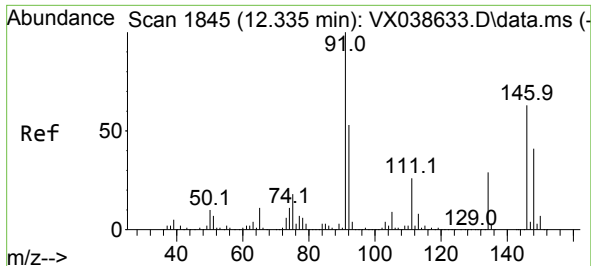
Ion Ratio Lower Upper

146 100

111 38.3 21.3 63.7

148 64.0 31.8 95.4

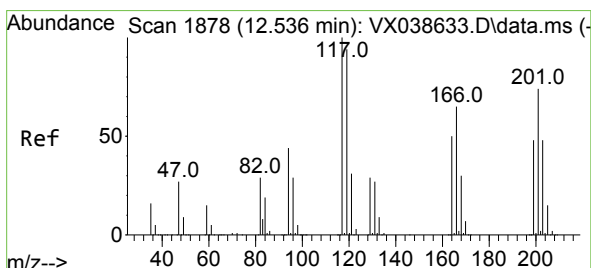
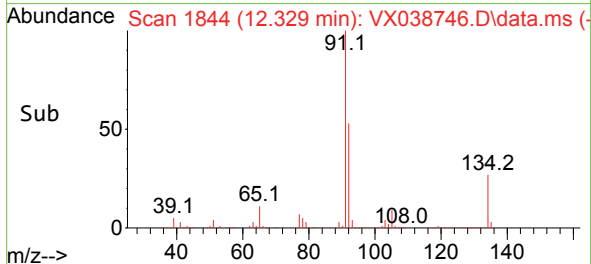
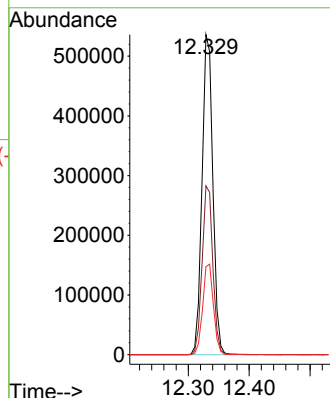
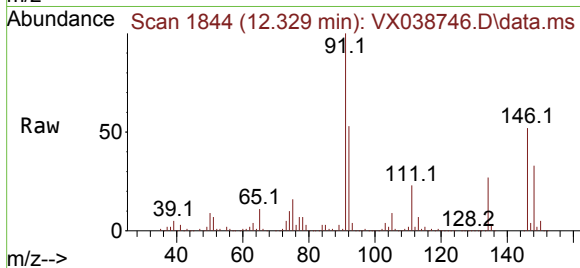




#89
n-Butylbenzene
Concen: 49.985 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

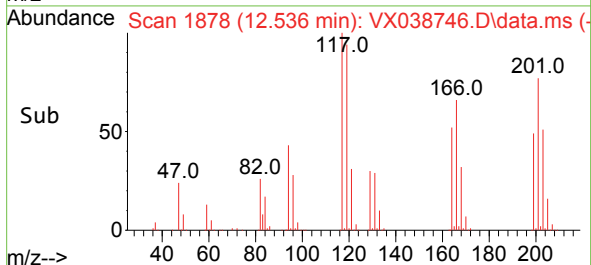
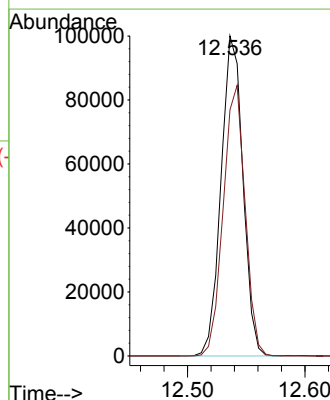
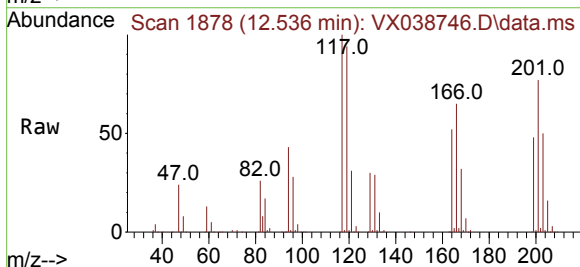
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

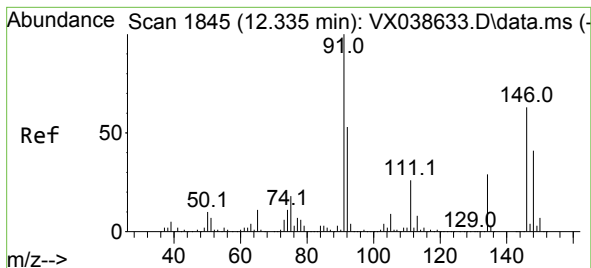
Tgt Ion: 91 Resp: 661560
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 28.2 12.6 37.8



#90
Hexachloroethane
Concen: 51.326 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038746.D
Acq: 10 Nov 2023 23:22

Tgt Ion: 117 Resp: 129304
Ion Ratio Lower Upper
117 100
201 84.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.649 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

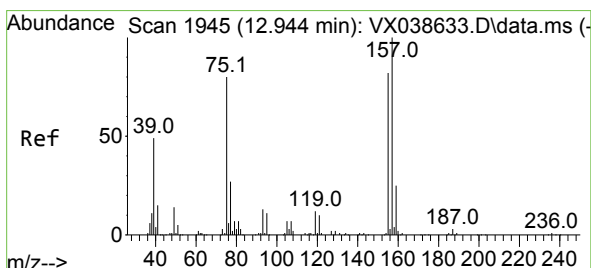
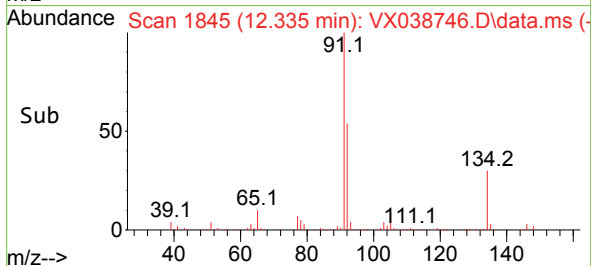
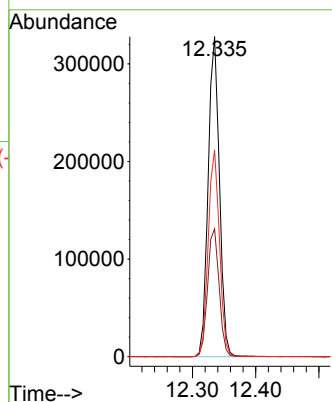
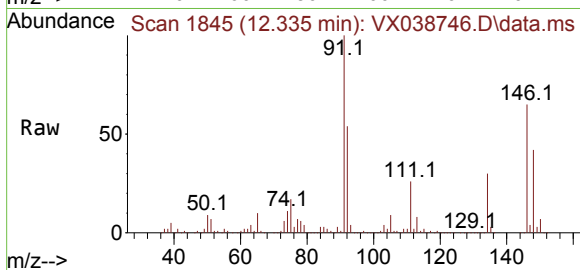
Tgt Ion:146 Resp: 408200

Ion Ratio Lower Upper

146 100

111 40.9 22.4 67.0

148 64.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.532 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

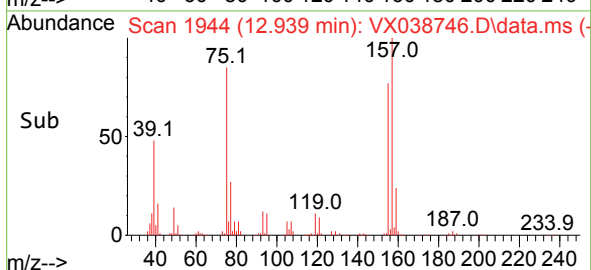
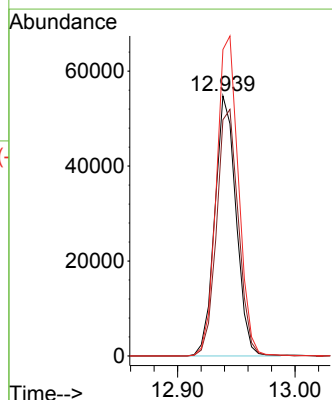
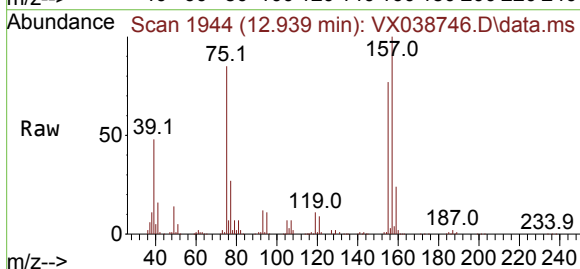
Tgt Ion: 75 Resp: 69050

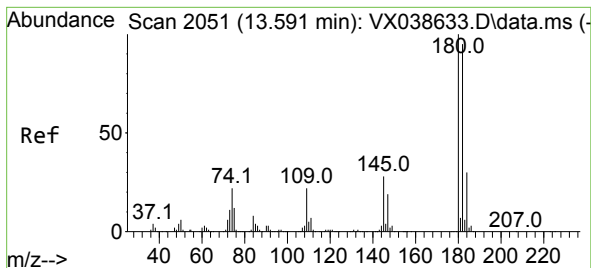
Ion Ratio Lower Upper

75 100

155 97.0 36.1 108.5

157 127.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.316 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

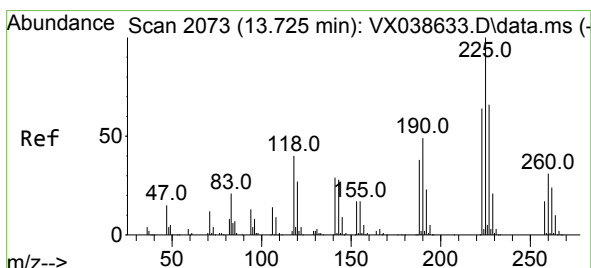
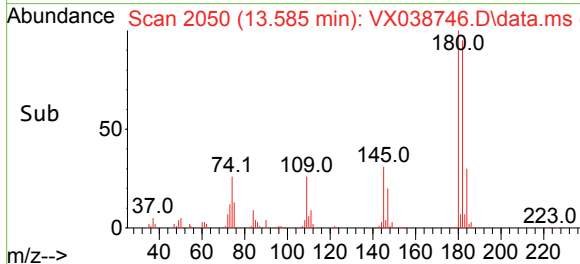
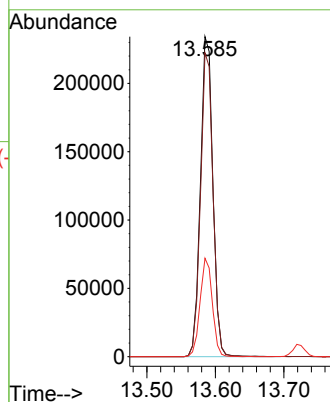
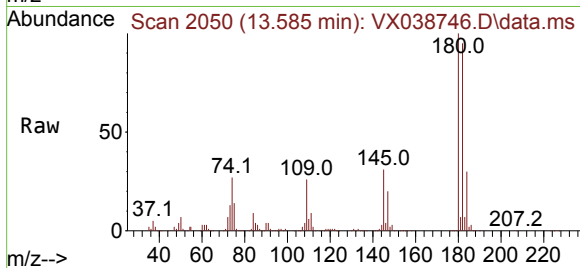
Tgt Ion:180 Resp: 295887

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.8

145 30.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 50.038 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

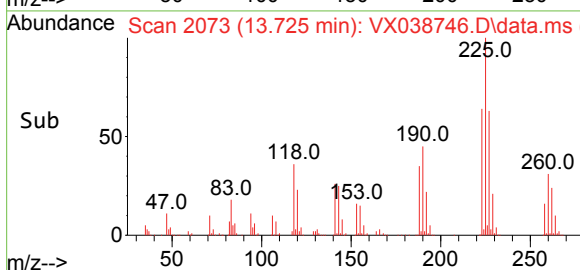
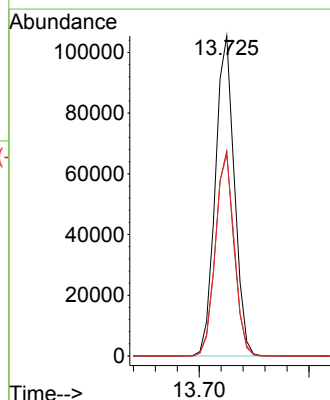
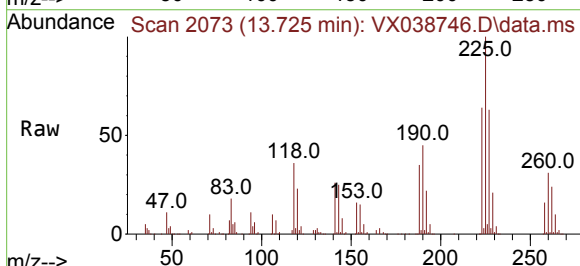
Tgt Ion:225 Resp: 126972

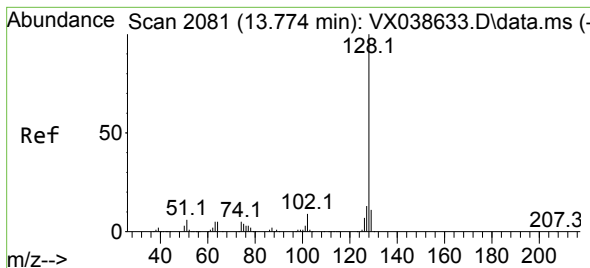
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 62.6 32.5 97.5





#95

Naphthalene

Concen: 51.093 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

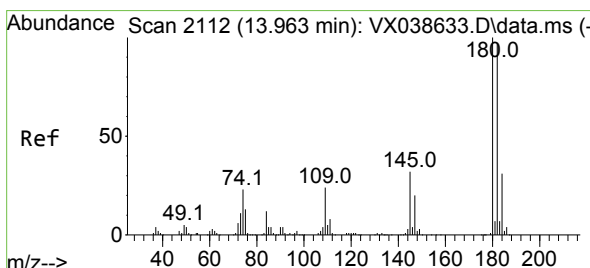
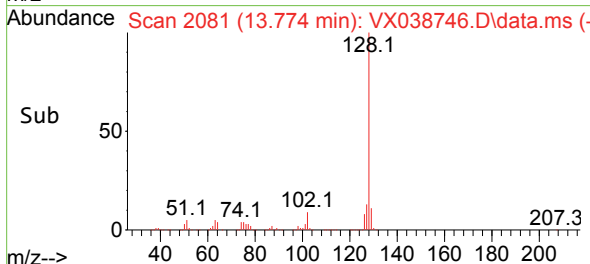
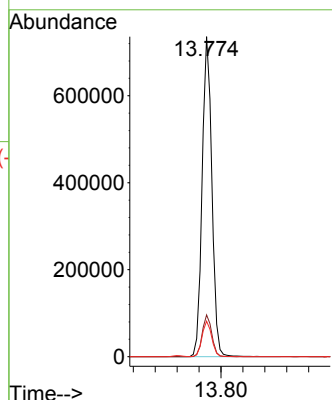
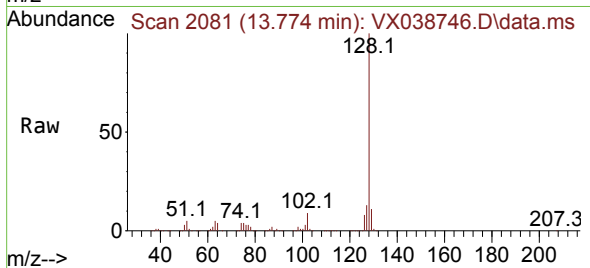
Tgt Ion:128 Resp: 906301

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.756 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038746.D

Acq: 10 Nov 2023 23:22

Tgt Ion:180 Resp: 288395

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

145 32.6 17.8 53.5

