

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038946.D
 Acq On : 20 Nov 2023 10:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 21 00:14:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249923	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	230008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101402	45.016	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.040%
35) Dibromofluoromethane	5.379	113	82847	45.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	310921	45.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.040%#
62) 4-Bromofluorobenzene	11.079	95	124271	44.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83719	51.325	ug/l	98
3) Chloromethane	1.295	50	88637	41.633	ug/l	100
4) Vinyl Chloride	1.374	62	93497	45.590	ug/l	99
5) Bromomethane	1.599	94	63518	74.910	ug/l	100
6) Chloroethane	1.685	64	57643	49.253	ug/l	98
7) Trichlorofluoromethane	1.886	101	133283	51.216	ug/l	99
8) Diethyl Ether	2.130	74	53740	47.412	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	81893	47.451	ug/l	98
10) Methyl Iodide	2.453	142	92017	43.806	ug/l	92
11) Tert butyl alcohol	2.947	59	136358	217.645	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	78675	45.154	ug/l	90
13) Acrolein	2.233	56	85369	257.549	ug/l	100
14) Allyl chloride	2.660	41	153655	44.046	ug/l	94
15) Acrylonitrile	3.056	53	287646	217.283	ug/l	99
16) Acetone	2.374	43	347866	290.095	ug/l	91
17) Carbon Disulfide	2.508	76	213450	39.548	ug/l	99
18) Methyl Acetate	2.697	43	253580	44.520	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	295357	48.195	ug/l	98
20) Methylene Chloride	2.782	84	94339	43.642	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	86076	44.772	ug/l	93
22) Diisopropyl ether	3.751	45	297324	46.459	ug/l	93
23) Vinyl Acetate	3.715	43	1074876	233.207	ug/l	100
24) 1,1-Dichloroethane	3.605	63	164860	46.066	ug/l	100
25) 2-Butanone	4.544	43	455933	234.464	ug/l	96
26) 2,2-Dichloropropane	4.471	77	149091	48.027	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	101914	45.477	ug/l	96
28) Bromochloromethane	4.885	49	80101	46.618	ug/l	99
29) Tetrahydrofuran	4.989	42	275680	223.277	ug/l	98
30) Chloroform	5.087	83	166590	47.671	ug/l	99
31) Cyclohexane	5.464	56	143477	44.612	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	147250	48.648	ug/l	99
36) 1,1-Dichloropropene	5.684	75	122536	47.366	ug/l	98
37) Ethyl Acetate	4.702	43	155592	46.164	ug/l	98
38) Carbon Tetrachloride	5.666	117	125167	52.350	ug/l	96
39) Methylcyclohexane	7.379	83	155554	46.098	ug/l	95
40) Benzene	6.031	78	362285	47.348	ug/l	98

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 VSTDCCC050

Quant Time: Nov 21 00:14:23 2023
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 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	81914	46.860	ug/l	93
42) 1,2-Dichloroethane	6.074	62	128583	50.722	ug/l	97
43) Isopropyl Acetate	6.330	43	257977	47.894	ug/l	98
44) Trichloroethene	7.117	130	91560	49.161	ug/l	95
45) 1,2-Dichloropropane	7.428	63	97436	47.320	ug/l	99
46) Dibromomethane	7.574	93	67935	49.474	ug/l	98
47) Bromodichloromethane	7.818	83	134020	49.175	ug/l	97
48) Methyl methacrylate	7.684	41	118805	45.459	ug/l	93
49) 1,4-Dioxane	7.653	88	45438	898.681	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	814053	236.488	ug/l	99
52) Toluene	8.714	92	223111	46.989	ug/l	93
53) t-1,3-Dichloropropene	8.970	75	156253	48.244	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	160912	48.098	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	94657	47.778	ug/l	95
56) Ethyl methacrylate	9.110	69	159569	47.602	ug/l	96
57) 1,3-Dichloropropane	9.305	76	156961	47.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	320649	205.339	ug/l	96
59) 2-Hexanone	9.427	43	669470	242.644	ug/l	98
60) Dibromochloromethane	9.519	129	101705	50.487	ug/l	99
61) 1,2-Dibromoethane	9.604	107	99531	47.876	ug/l	99
64) Tetrachloroethene	9.269	164	70971	49.641	ug/l	96
65) Chlorobenzene	10.073	112	240412	48.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	87626	49.166	ug/l	97
67) Ethyl Benzene	10.189	91	446844	49.088	ug/l	100
68) m/p-Xylenes	10.299	106	337753	98.087	ug/l	99
69) o-Xylene	10.640	106	164338	48.232	ug/l	98
70) Styrene	10.653	104	277950	48.303	ug/l	98
71) Bromoform	10.799	173	76398	51.420	ug/l #	100
73) Isopropylbenzene	10.957	105	434059	47.175	ug/l	99
74) N-amyl acetate	10.842	43	225014	46.262	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	161970	45.095	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	191377	64.953	ug/l	89
77) Bromobenzene	11.195	156	96902	46.870	ug/l	98
78) n-propylbenzene	11.305	91	533704	47.124	ug/l	99
79) 2-Chlorotoluene	11.360	91	309108	45.989	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	371770	48.054	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	58269	43.866	ug/l #	84
82) 4-Chlorotoluene	11.451	91	368286	47.521	ug/l	100
83) tert-Butylbenzene	11.713	119	365404	47.957	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	373272	47.669	ug/l	99
85) sec-Butylbenzene	11.890	105	475270	47.687	ug/l	100
86) p-Isopropyltoluene	12.006	119	384249	48.028	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	192144	47.460	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	195367	47.148	ug/l	100
89) n-Butylbenzene	12.329	91	382431	47.377	ug/l	97
90) Hexachloroethane	12.536	117	77351	48.414	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	185167	48.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40436	45.950	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	123805	48.113	ug/l	96
94) Hexachlorobutadiene	13.725	225	45739	50.194	ug/l	98
95) Naphthalene	13.774	128	435969	45.491	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	118208	48.460	ug/l	100

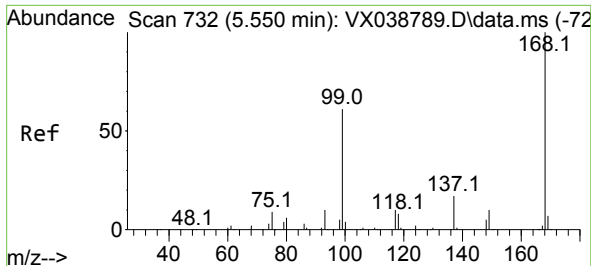
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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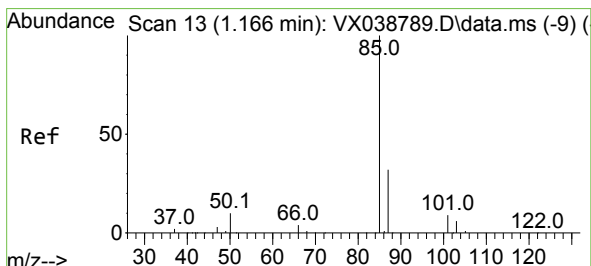
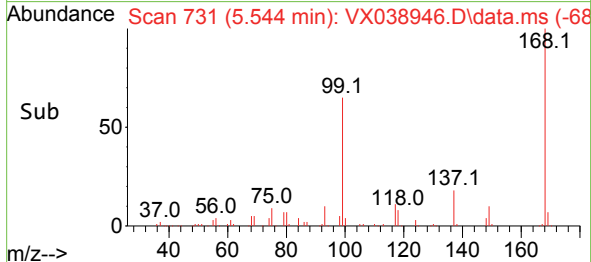
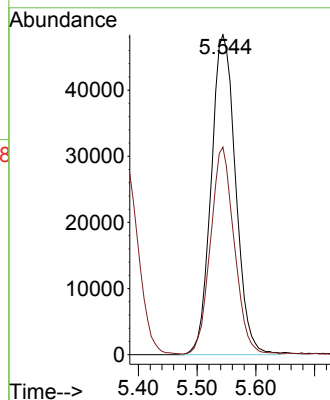
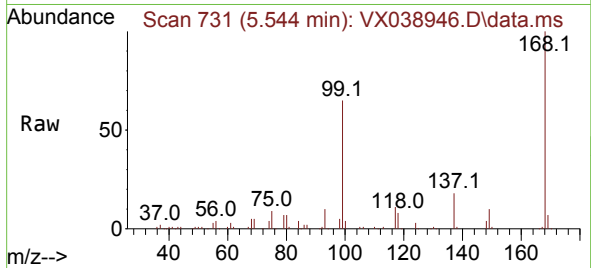
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

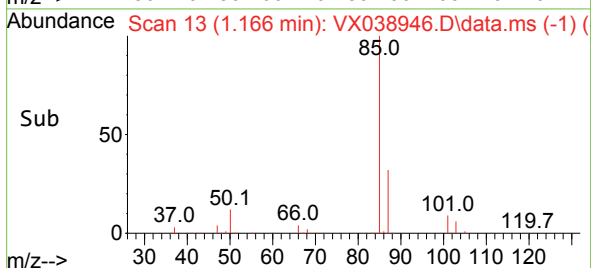
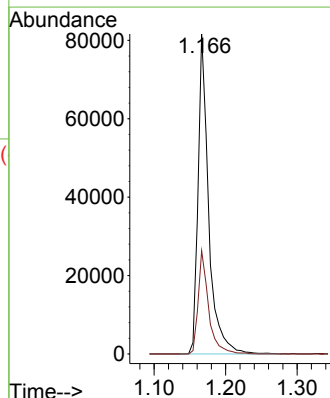
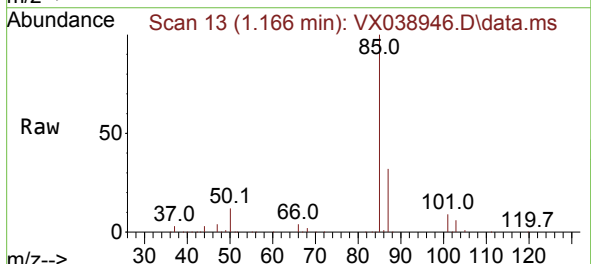
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ClientSampleId :
VSTDCCC050

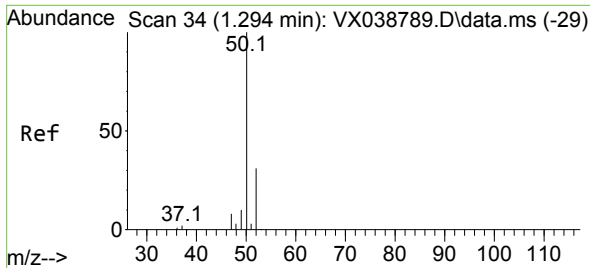
Tgt Ion:168 Resp: 139796
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.325 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 85 Resp: 83719
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1

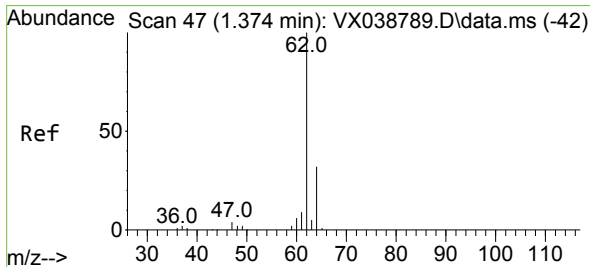
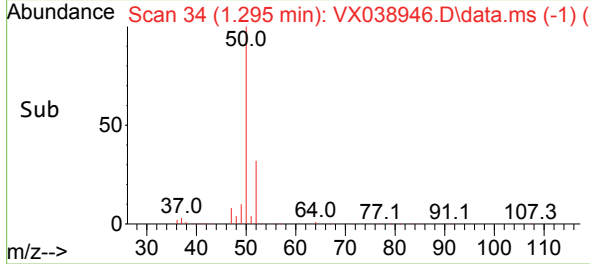
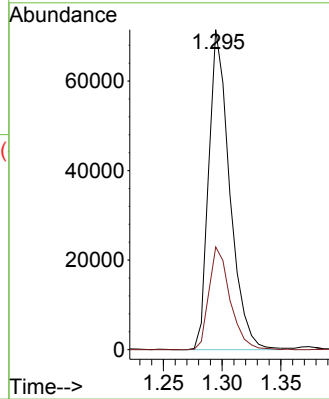
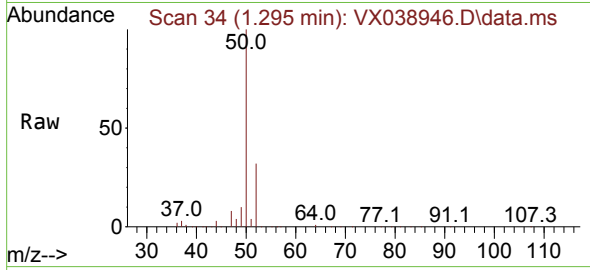




#3
Chloromethane
Concen: 41.633 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

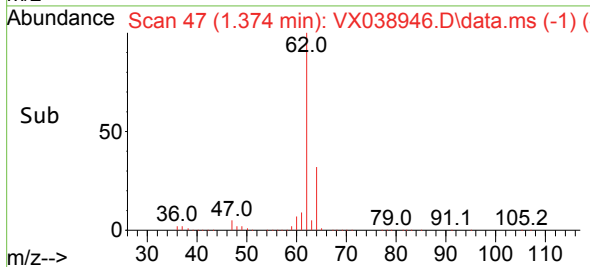
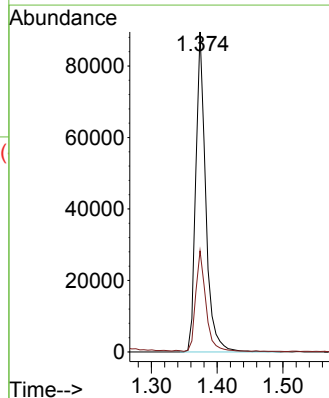
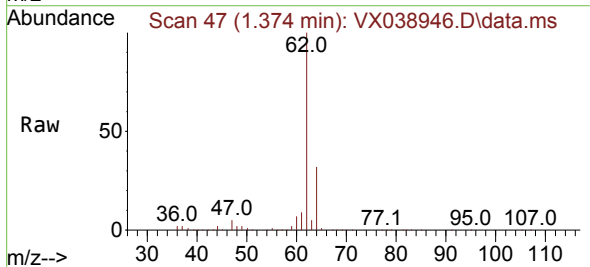
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

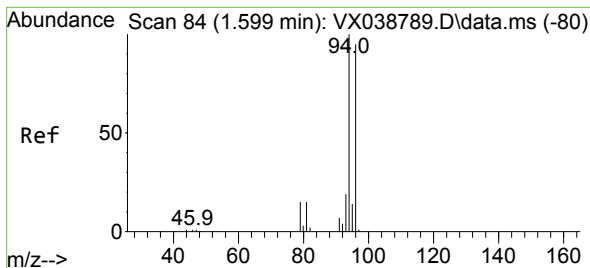
Tgt Ion: 50 Resp: 88637
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 45.590 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 62 Resp: 93497
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5

Bromomethane

Concen: 74.910 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

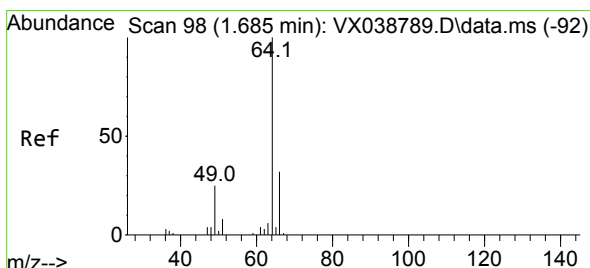
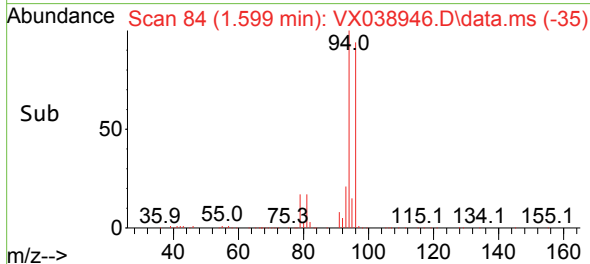
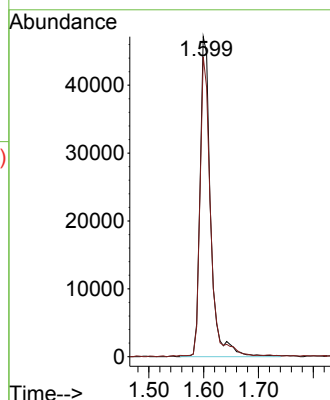
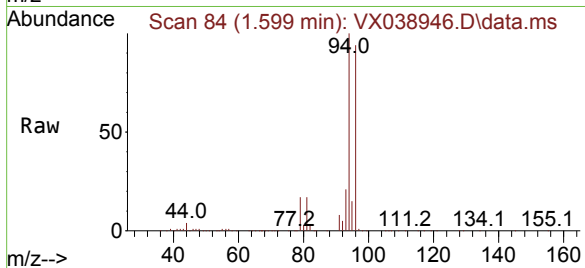
VSTDCCC050

Tgt Ion: 94 Resp: 63518

Ion Ratio Lower Upper

94 100

96 93.4 74.6 111.8



#6

Chloroethane

Concen: 49.253 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX038946.D

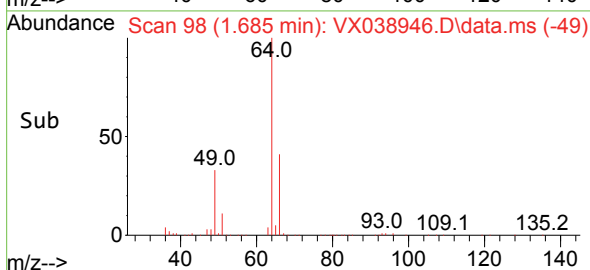
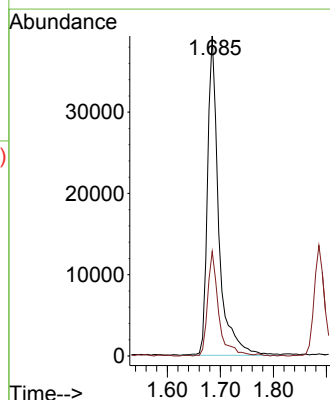
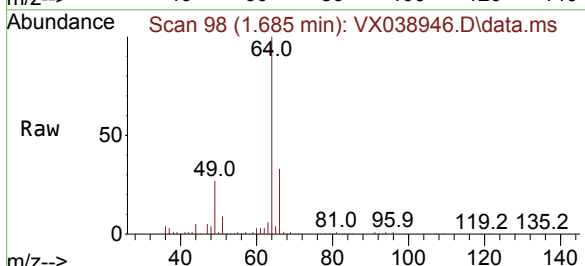
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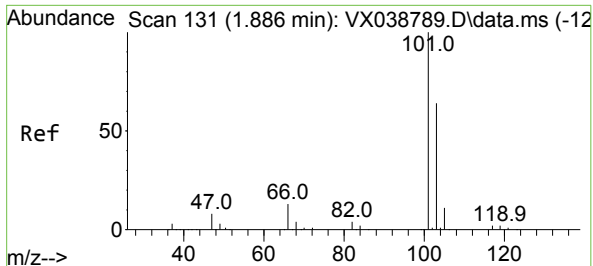
Tgt Ion: 64 Resp: 57643

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7

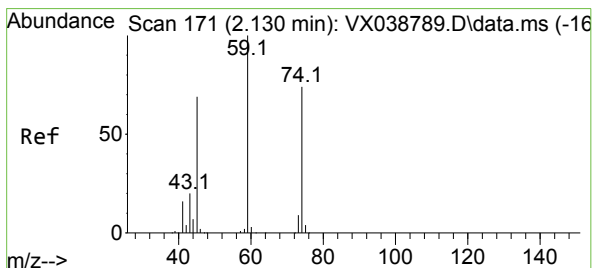
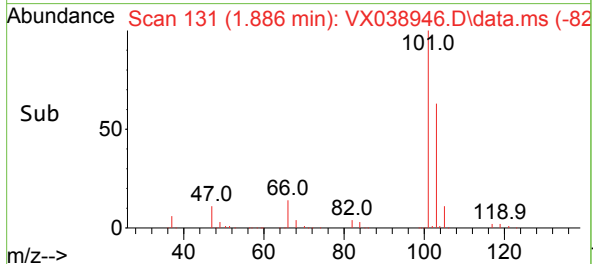
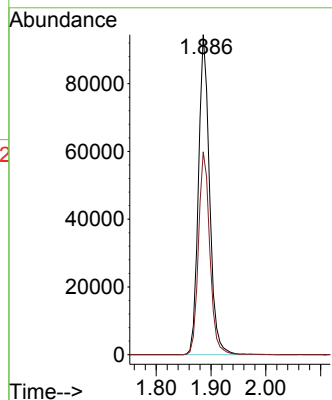
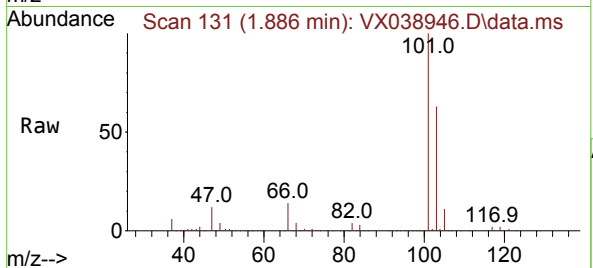




#7
 Trichlorofluoromethane
 Concen: 51.216 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

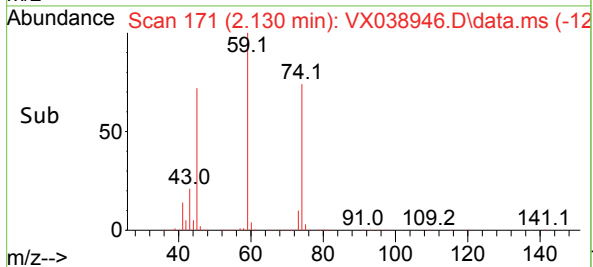
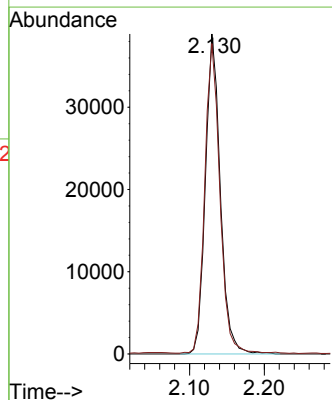
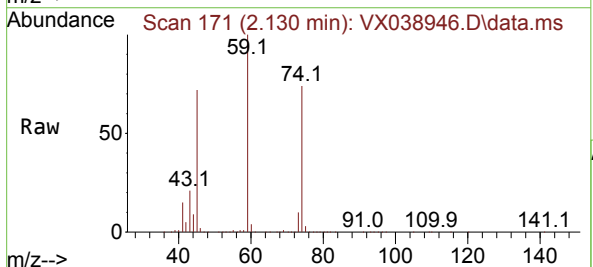
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 133283
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 47.412 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion: 74 Resp: 53740
 Ion Ratio Lower Upper
 74 100
 45 98.7 53.3 159.8

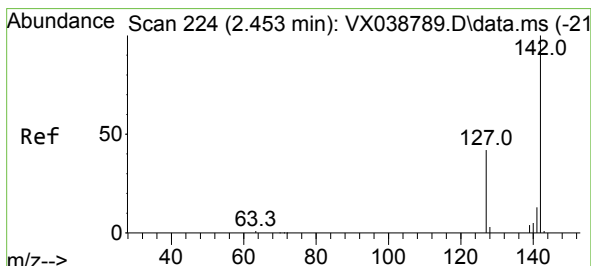
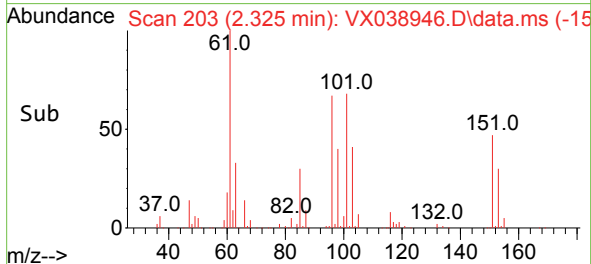
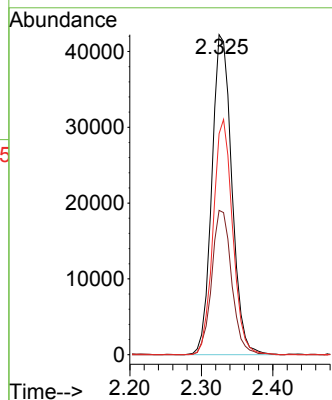
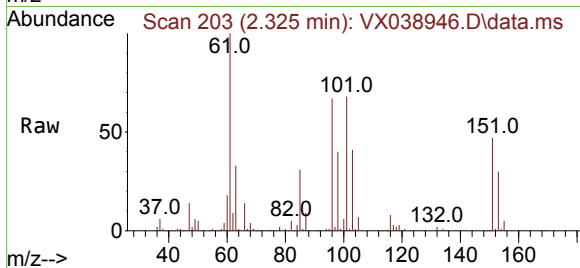




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.451 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

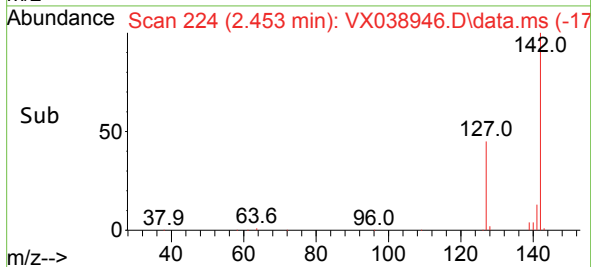
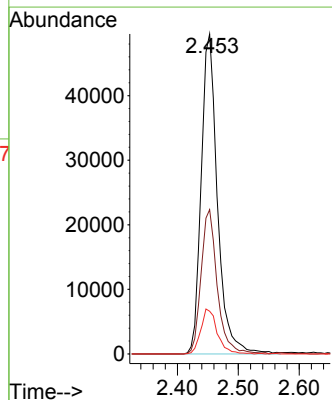
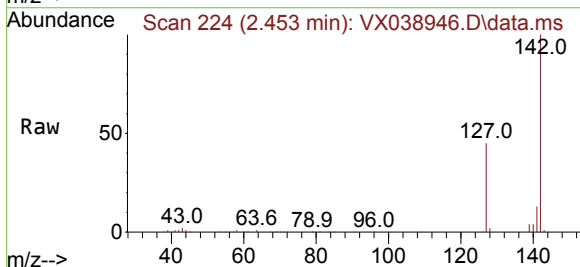
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

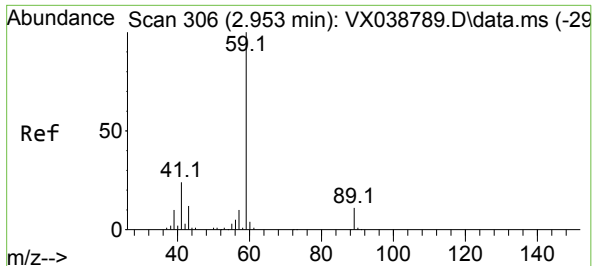
Tgt Ion:101 Resp: 81893
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 71.7 58.6 87.8



#10
Methyl Iodide
Concen: 43.806 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:142 Resp: 92017
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 217.645 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

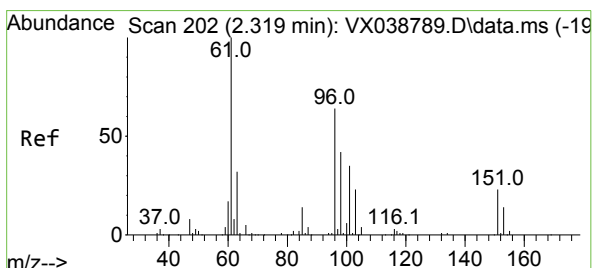
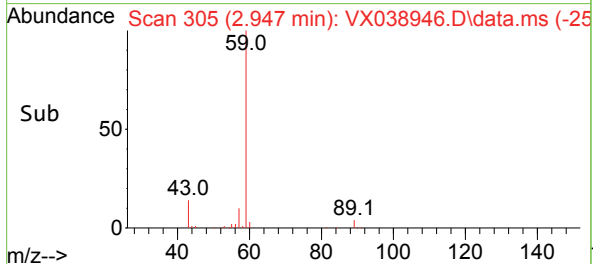
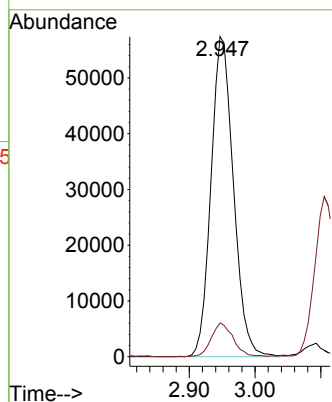
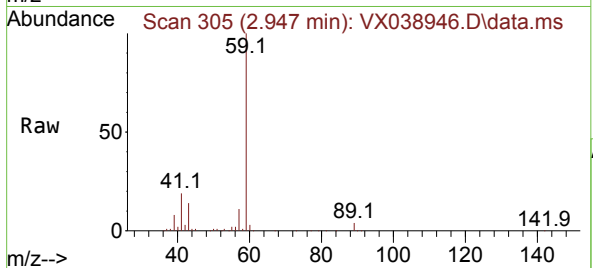
VSTDCCC050

Tgt Ion: 59 Resp: 136358

Ion Ratio Lower Upper

59 100

57 10.3 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 45.154 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

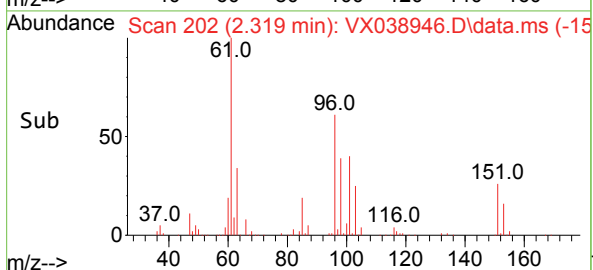
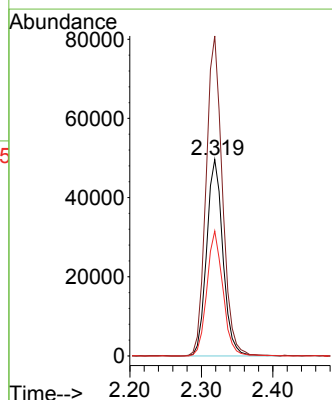
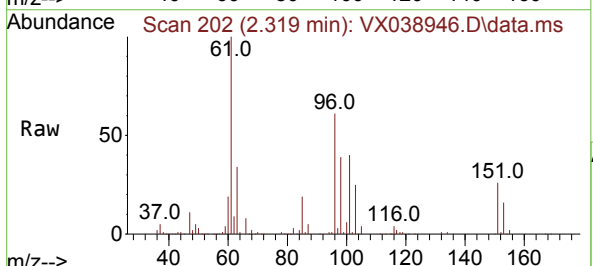
Tgt Ion: 96 Resp: 78675

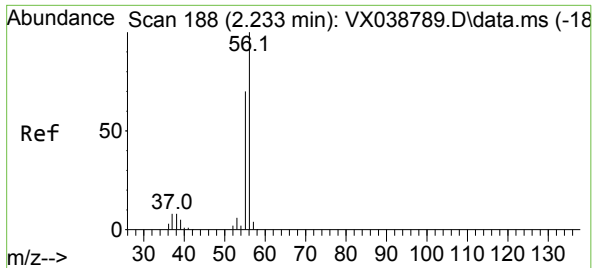
Ion Ratio Lower Upper

96 100

61 162.8 144.6 216.8

98 63.6 50.4 75.6

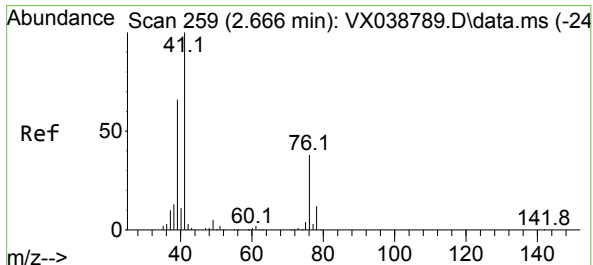
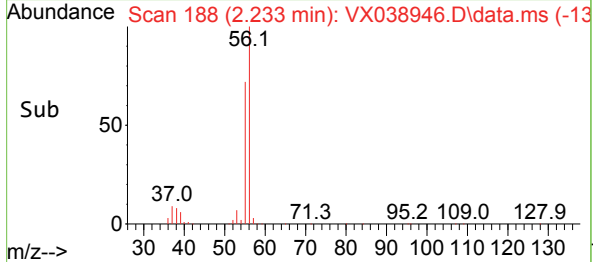
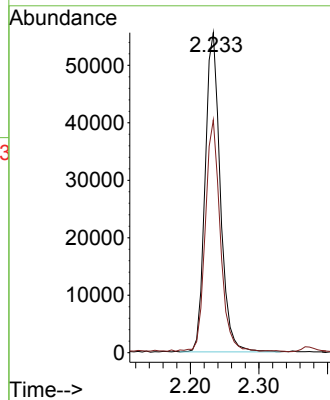
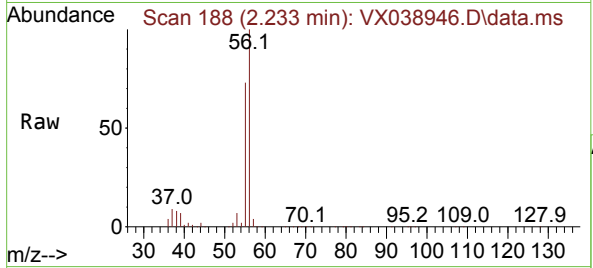




#13
Acrolein
Concen: 257.549 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

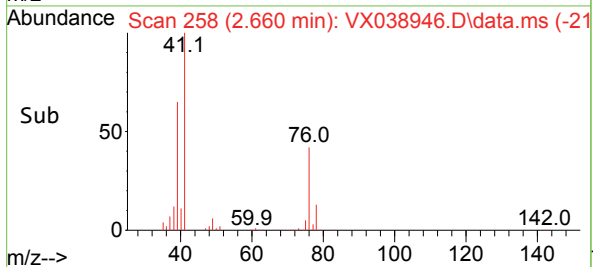
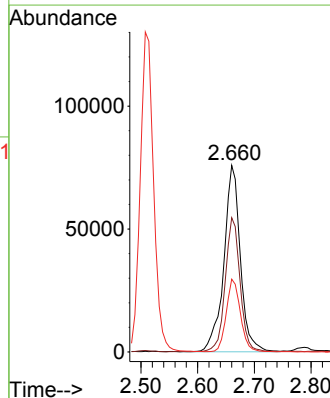
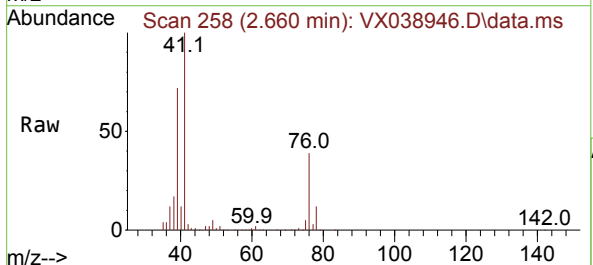
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 85369
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7



#14
Allyl chloride
Concen: 44.046 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 41 Resp: 153655
Ion Ratio Lower Upper
41 100
39 64.7 55.8 83.6
76 33.3 24.3 36.5

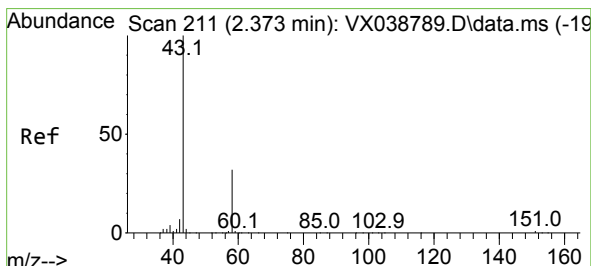
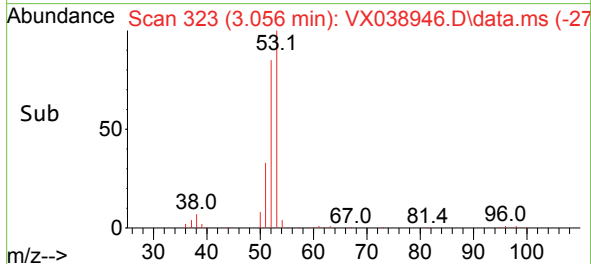
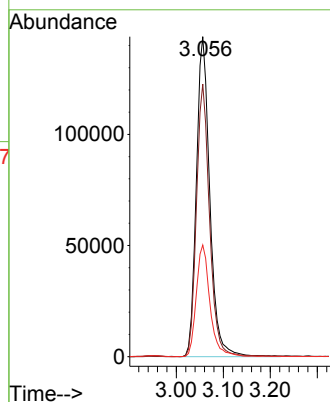
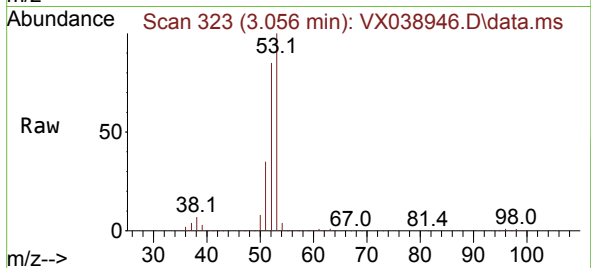




#15
Acrylonitrile
Concen: 217.283 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

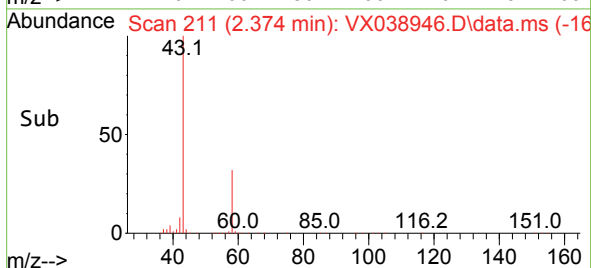
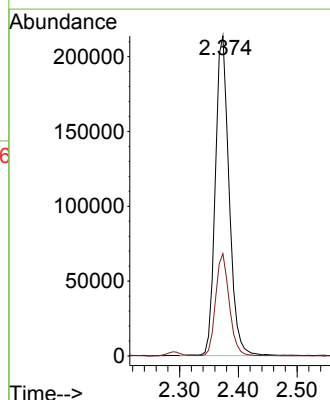
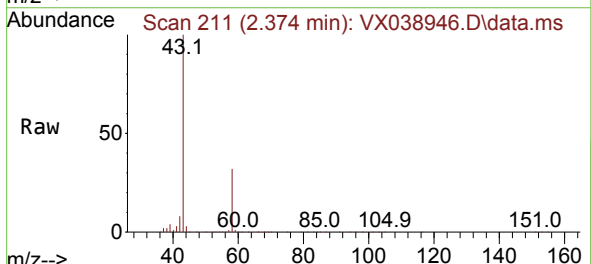
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

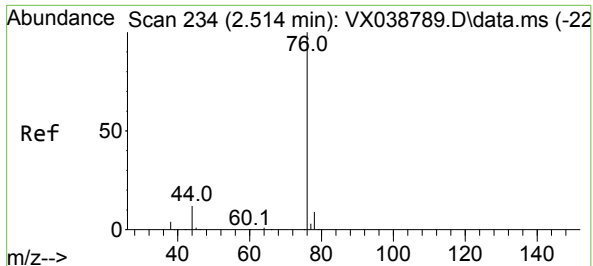
Tgt Ion: 53 Resp: 287646
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 35.5 29.8 44.6



#16
Acetone
Concen: 290.095 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 43 Resp: 347866
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

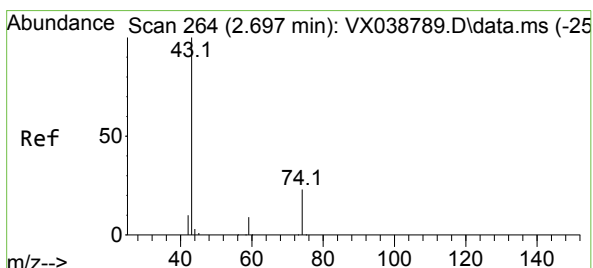
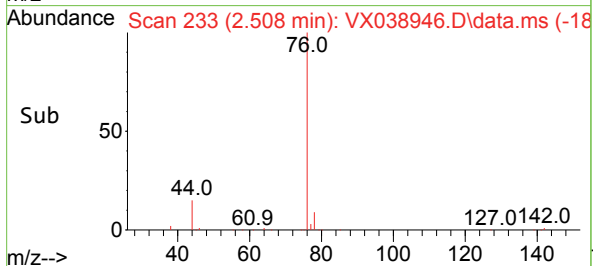
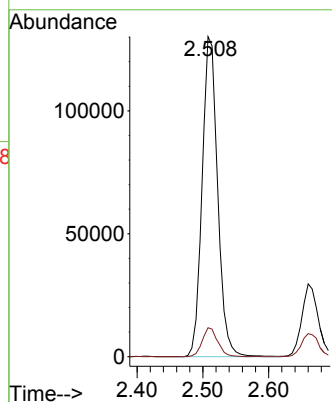
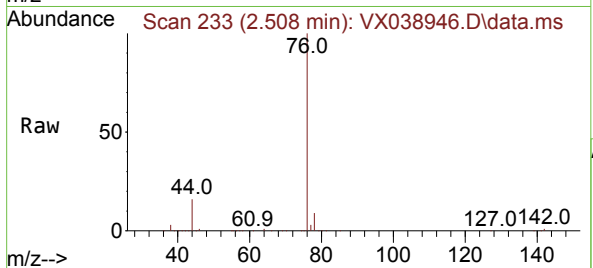




#17
Carbon Disulfide
Concen: 39.548 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

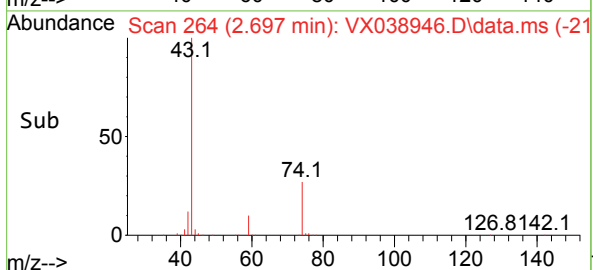
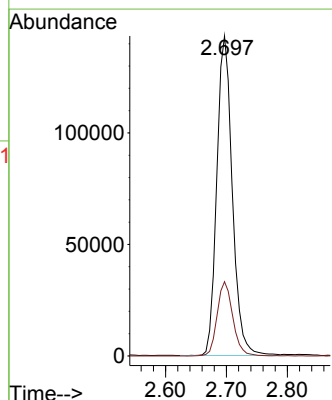
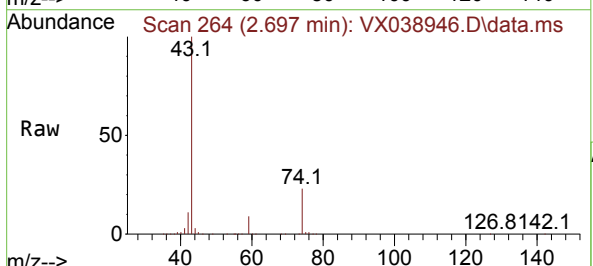
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

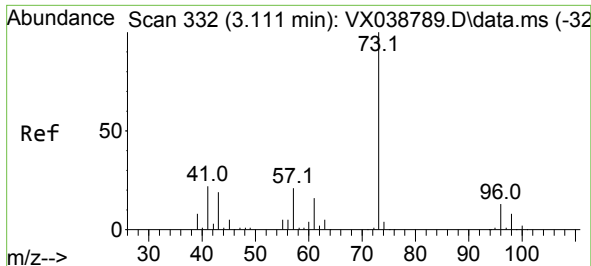
Tgt Ion: 76 Resp: 213450
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 44.520 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 43 Resp: 253580
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8

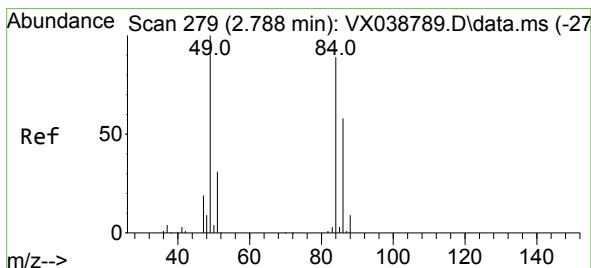
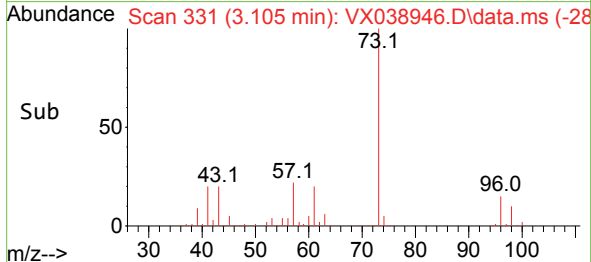
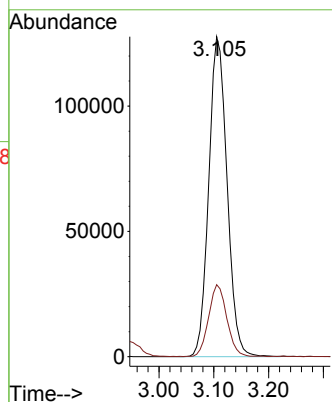
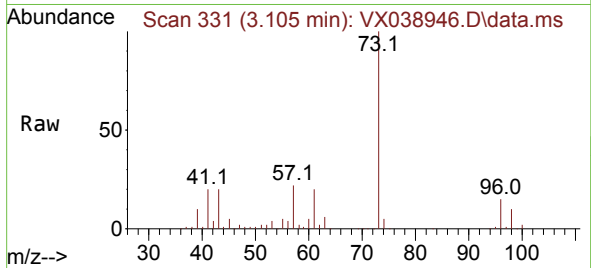




#19
Methyl tert-butyl Ether
Concen: 48.195 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

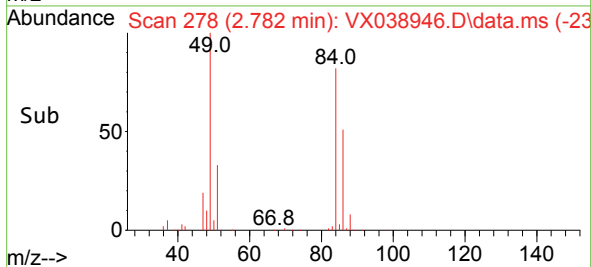
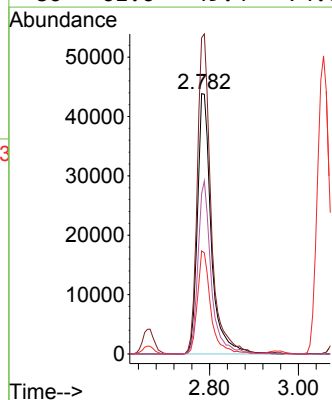
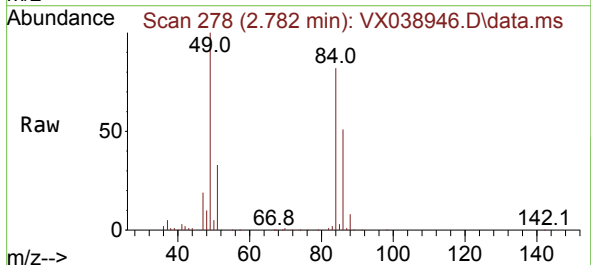
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

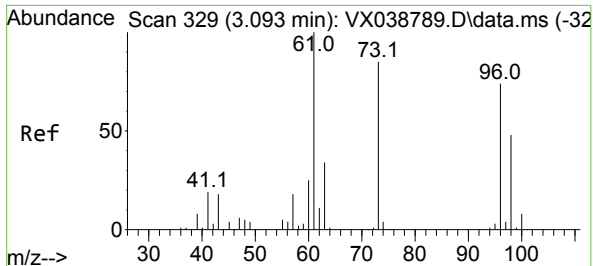
Tgt Ion: 73 Resp: 295357
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 43.642 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 84 Resp: 94339
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 39.6 33.8 50.6
86 61.6 49.4 74.0

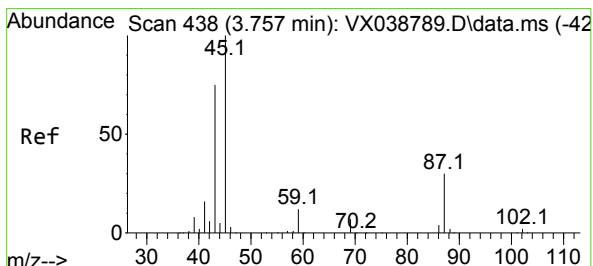
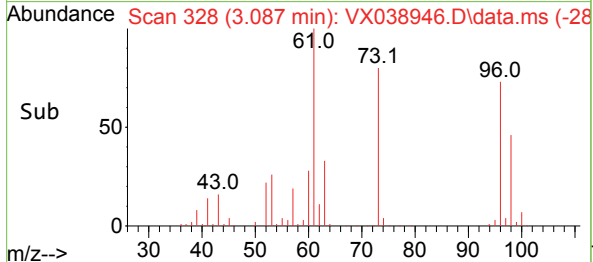
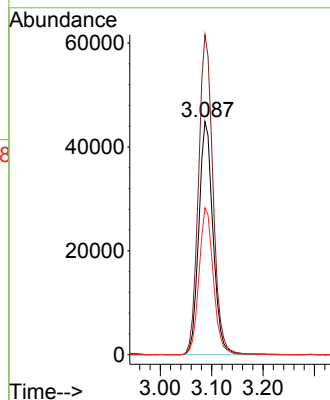
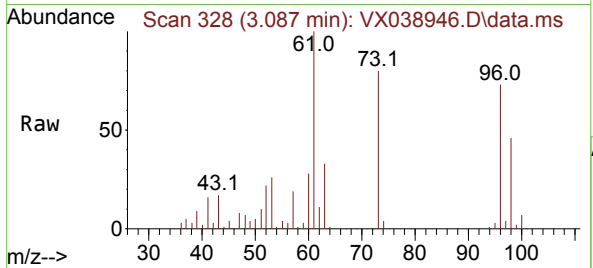




#21
trans-1,2-Dichloroethene
Concen: 44.772 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

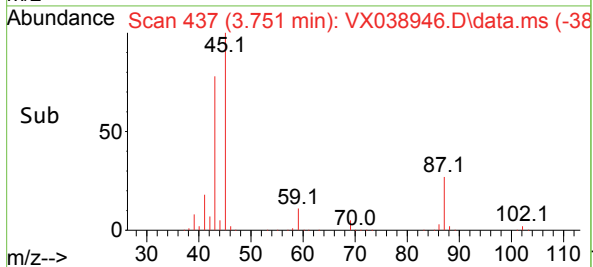
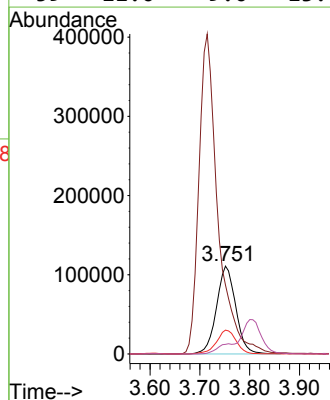
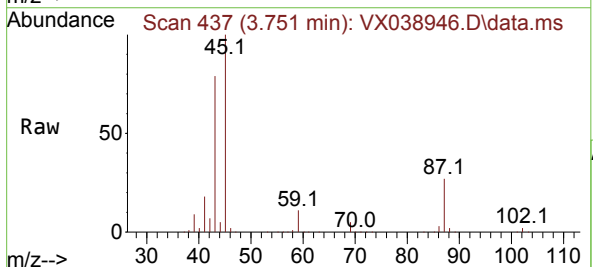
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

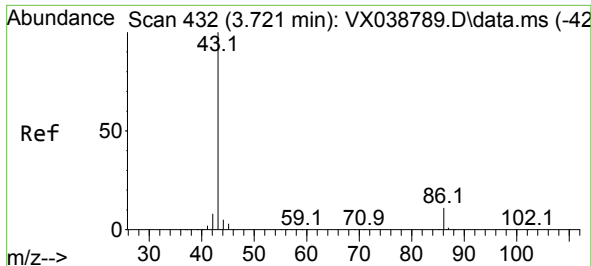
Tgt Ion: 96 Resp: 86076
Ion Ratio Lower Upper
96 100
61 137.4 119.2 178.8
98 63.1 48.7 73.1



#22
Diisopropyl ether
Concen: 46.459 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 45 Resp: 297324
Ion Ratio Lower Upper
45 100
43 78.5 69.7 104.5
87 27.2 20.8 31.2
59 11.0 9.0 13.4

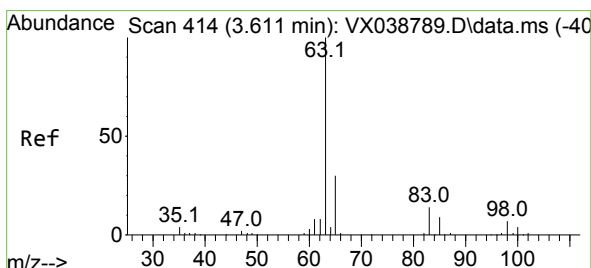
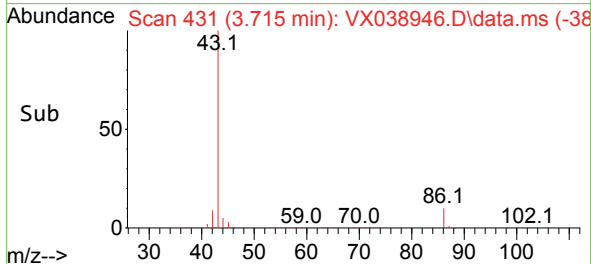
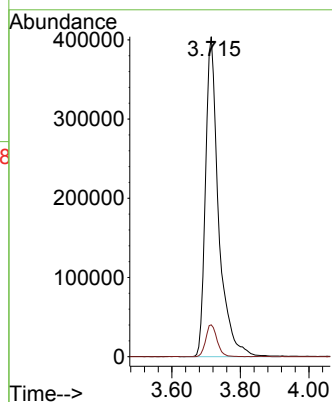
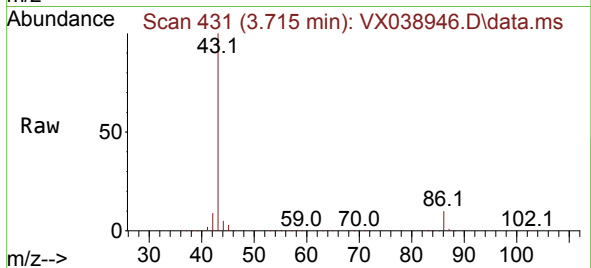




#23
 Vinyl Acetate
 Concen: 233.207 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

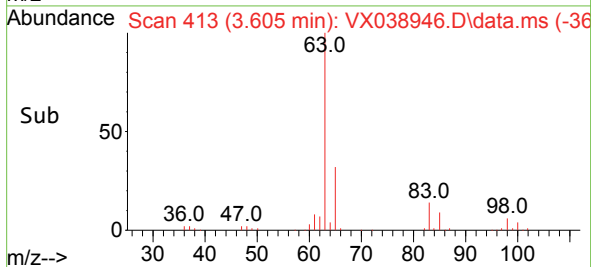
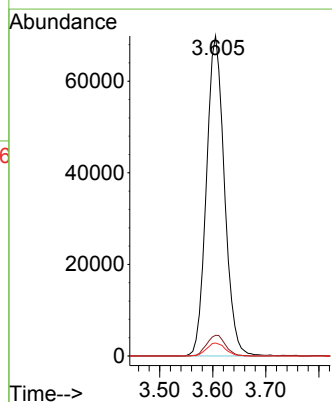
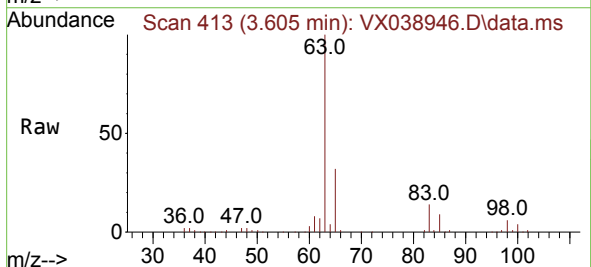
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

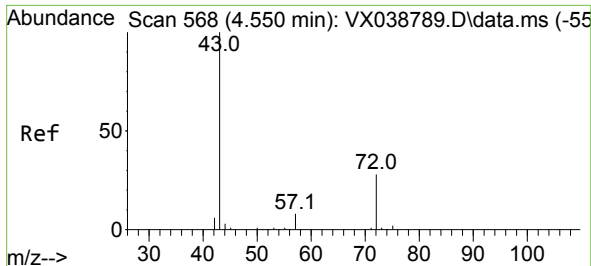
Tgt Ion: 43 Resp: 1074876
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.066 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion: 63 Resp: 164860
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 234.464 ug/l

RT: 4.544 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

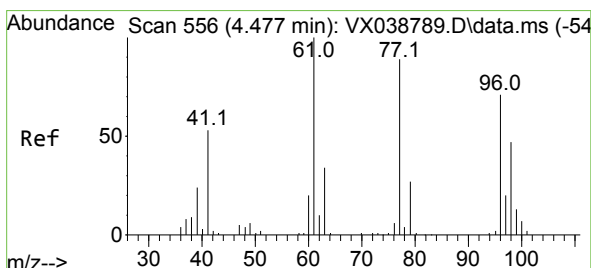
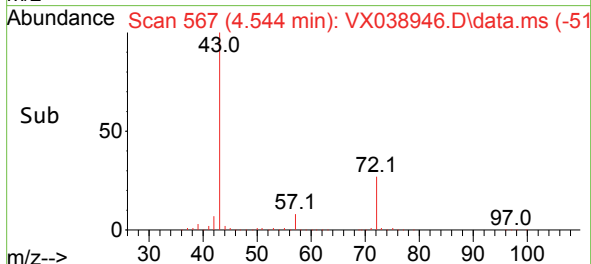
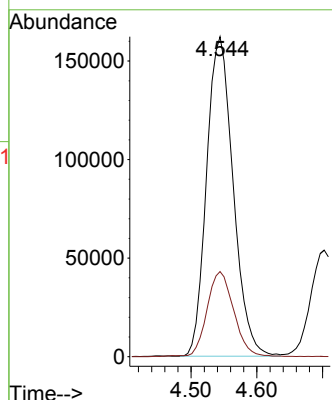
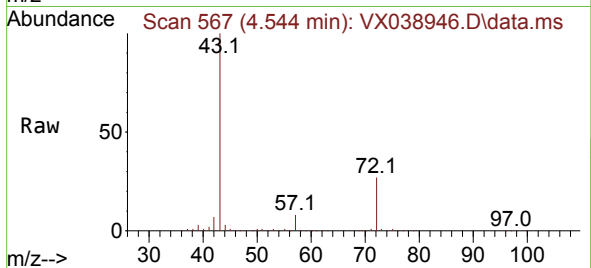
VSTDCCC050

Tgt Ion: 43 Resp: 455933

Ion Ratio Lower Upper

43 100

72 26.5 19.4 29.2



#26

2,2-Dichloropropane

Concen: 48.027 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038946.D

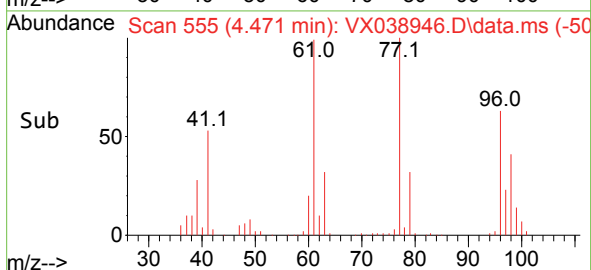
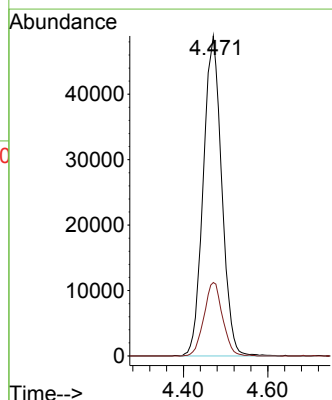
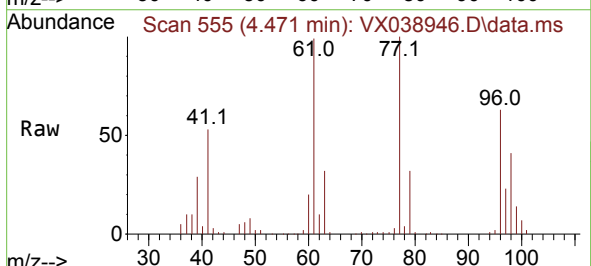
Acq: 20 Nov 2023 10:03

Tgt Ion: 77 Resp: 149091

Ion Ratio Lower Upper

77 100

97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.477 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

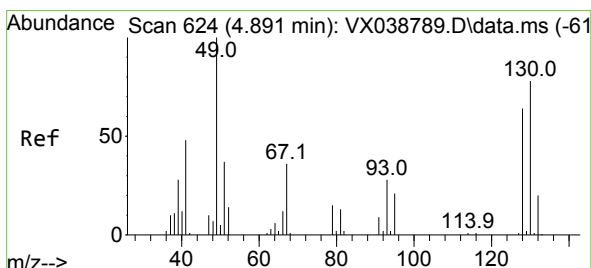
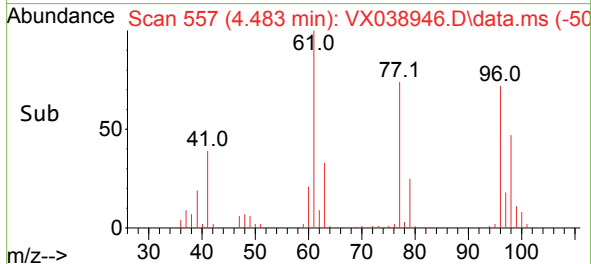
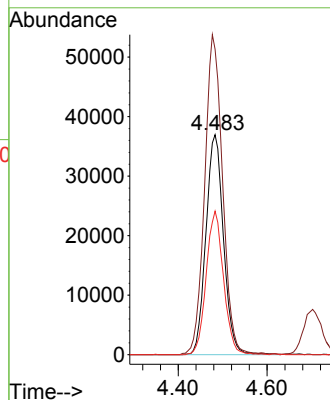
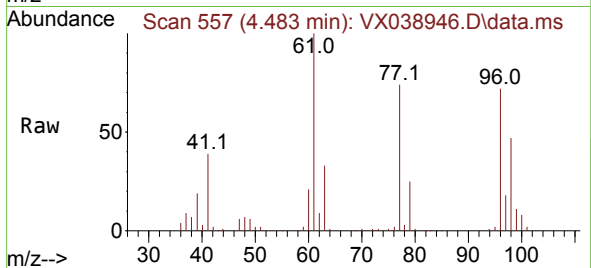
Tgt Ion: 96 Resp: 101914

Ion Ratio Lower Upper

96 100

61 148.1 0.0 312.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 46.618 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

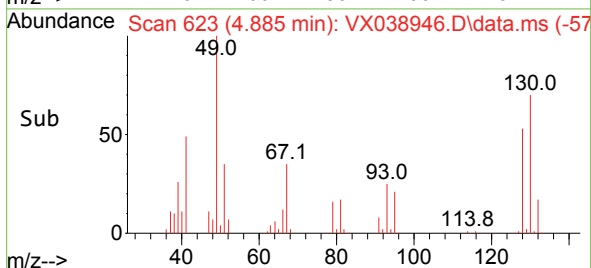
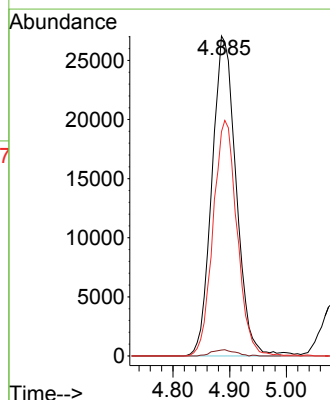
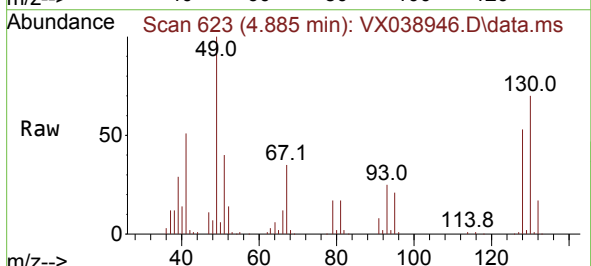
Tgt Ion: 49 Resp: 80101

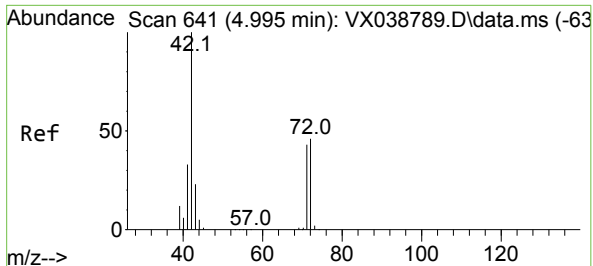
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 72.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 223.277 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

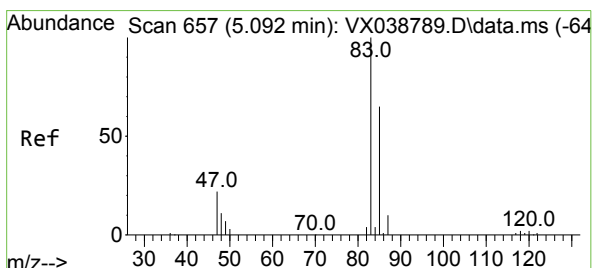
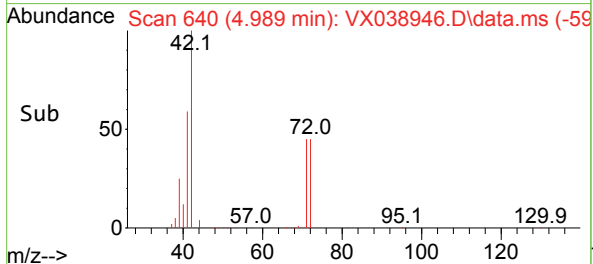
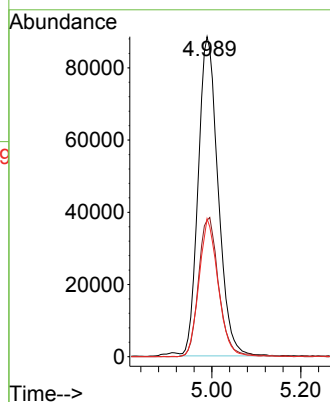
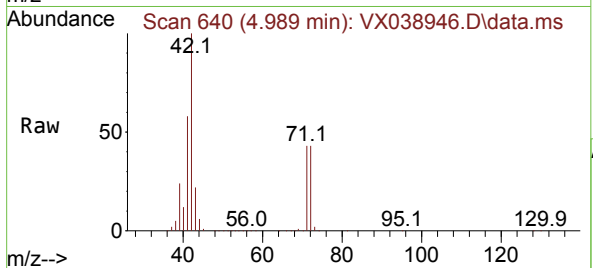
Tgt Ion: 42 Resp: 275680

Ion Ratio Lower Upper

42 100

72 44.3 34.2 51.4

71 41.6 32.2 48.2



#30

Chloroform

Concen: 47.671 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX038946.D

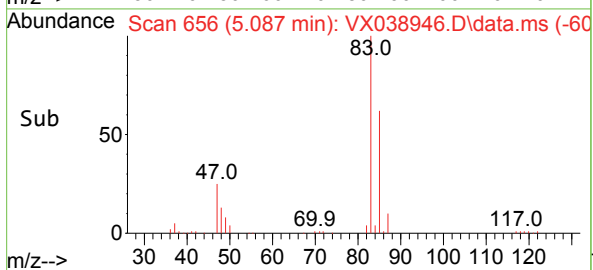
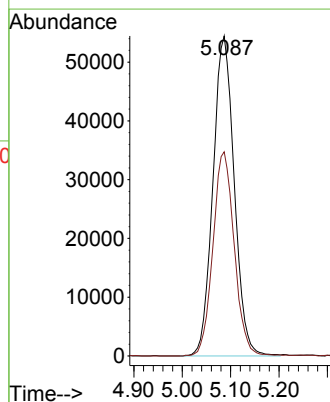
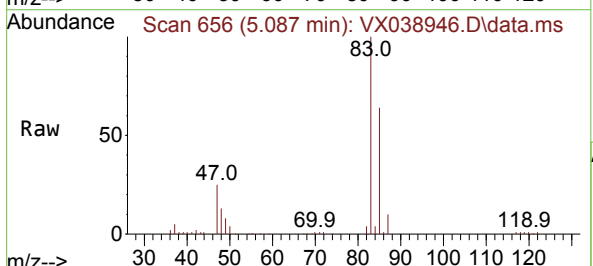
Acq: 20 Nov 2023 10:03

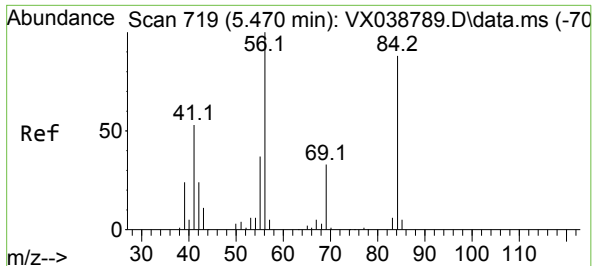
Tgt Ion: 83 Resp: 166590

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

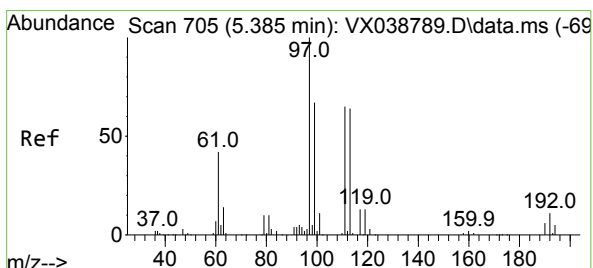
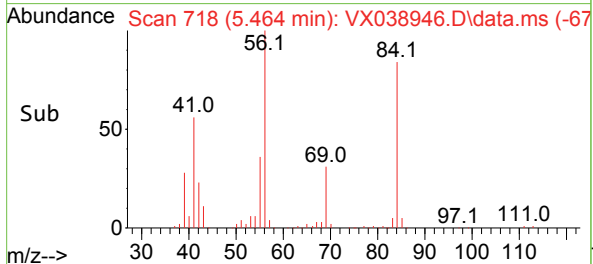
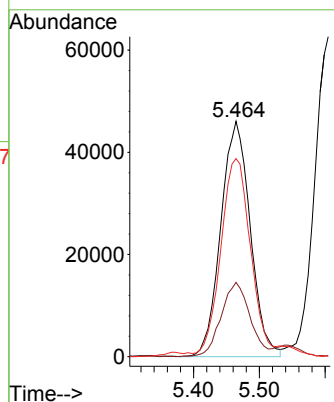
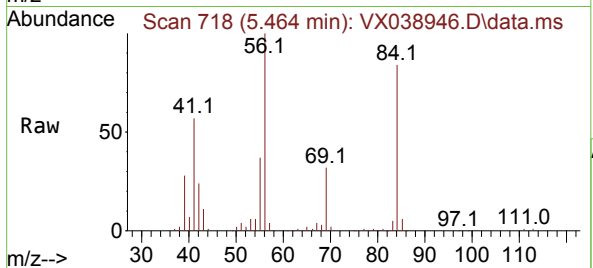




#31
Cyclohexane
Concen: 44.612 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

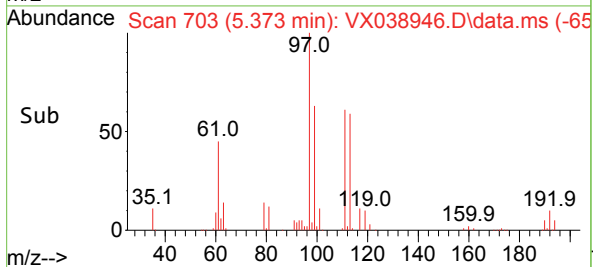
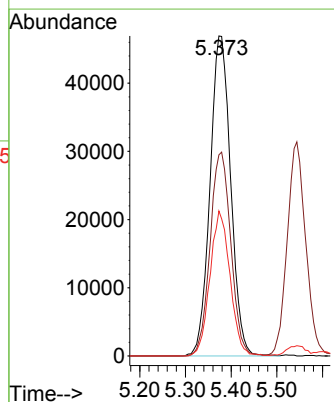
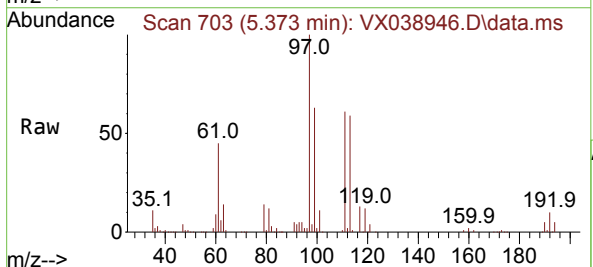
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 143477
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 82.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 48.648 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 97 Resp: 147250
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.1 36.4 54.6

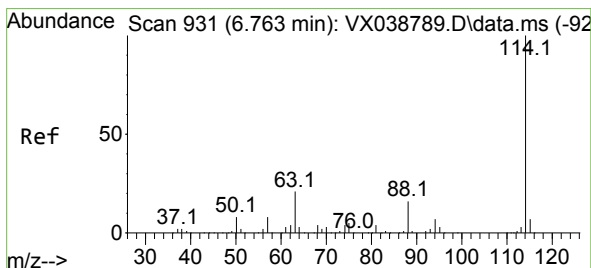
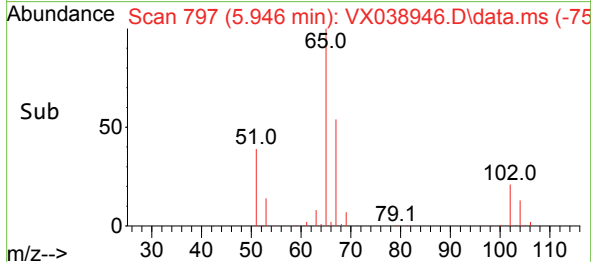
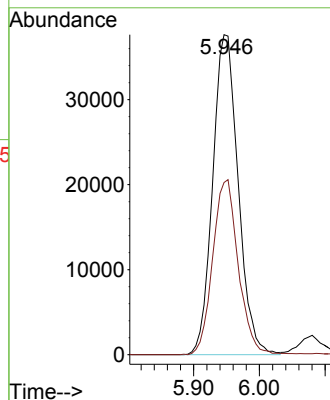
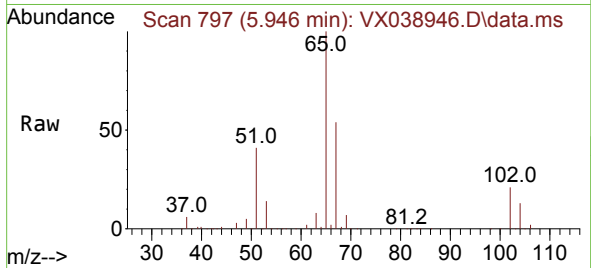




#33
1,2-Dichloroethane-d4
Concen: 45.016 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

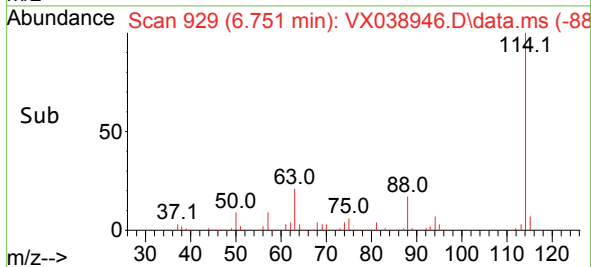
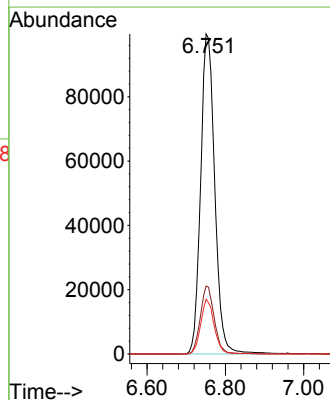
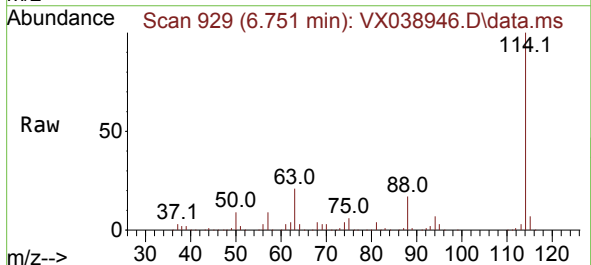
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 101402
Ion Ratio Lower Upper
65 100
67 55.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 114 Resp: 249923
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.899 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

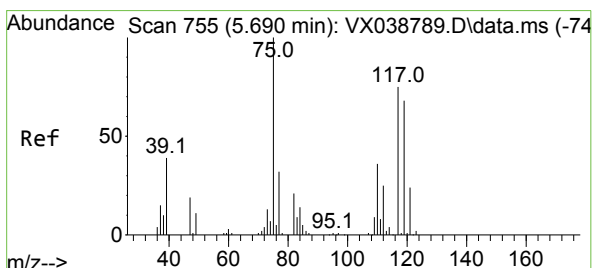
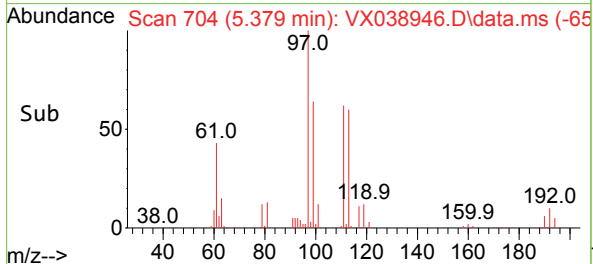
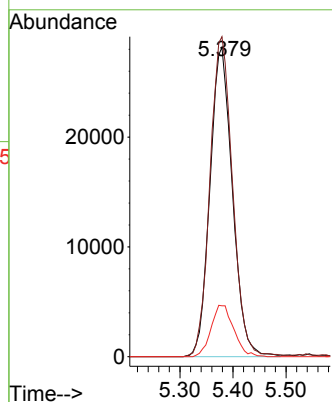
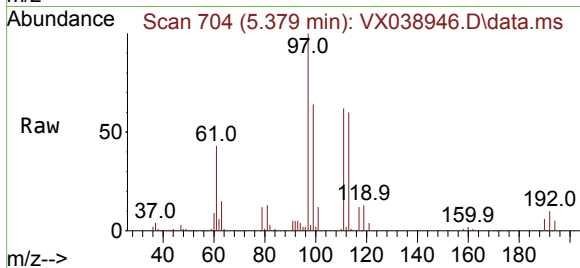
Tgt Ion:113 Resp: 82847

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 16.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 47.366 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

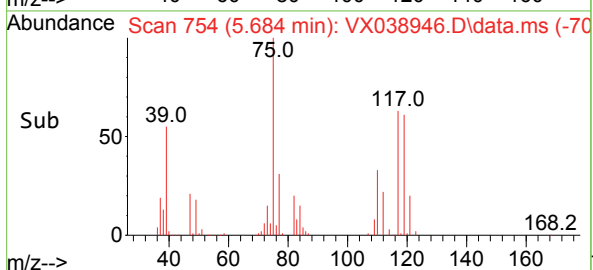
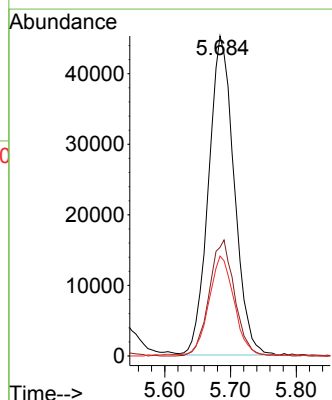
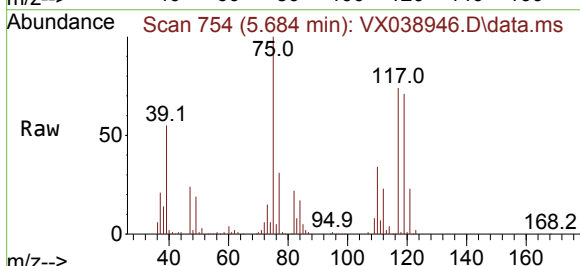
Tgt Ion: 75 Resp: 122536

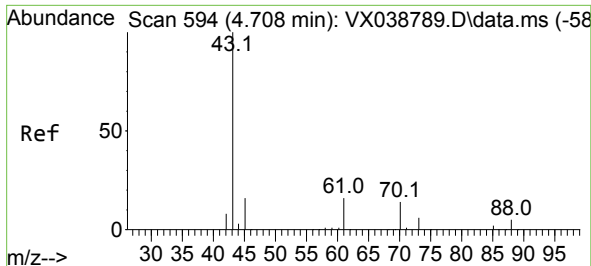
Ion Ratio Lower Upper

75 100

110 36.1 17.0 50.9

77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 46.164 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

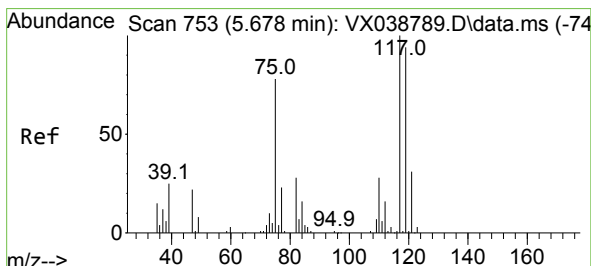
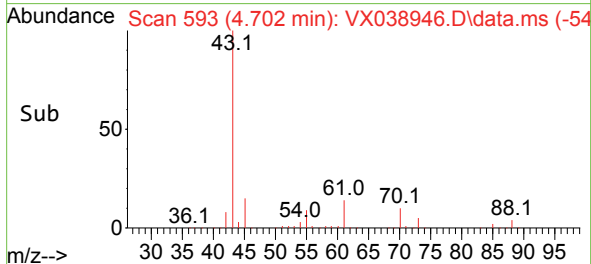
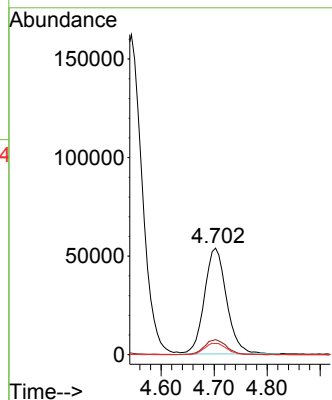
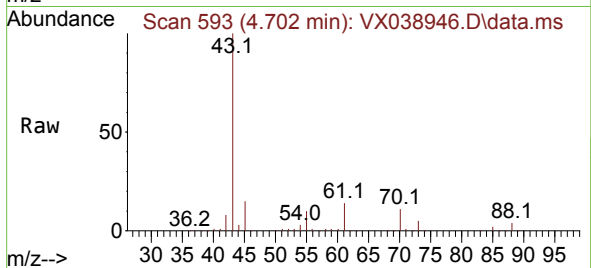
Tgt Ion: 43 Resp: 155592

Ion Ratio Lower Upper

43 100

61 14.4 10.6 16.0

70 11.0 8.3 12.5



#38

Carbon Tetrachloride

Concen: 52.350 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.012 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

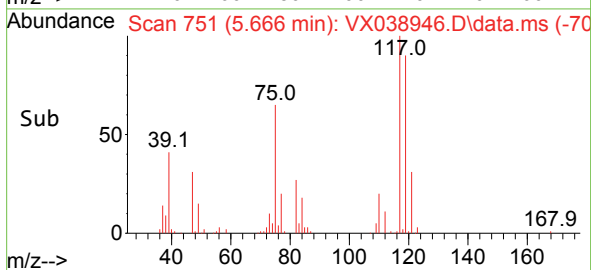
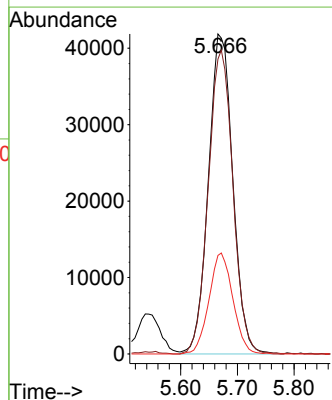
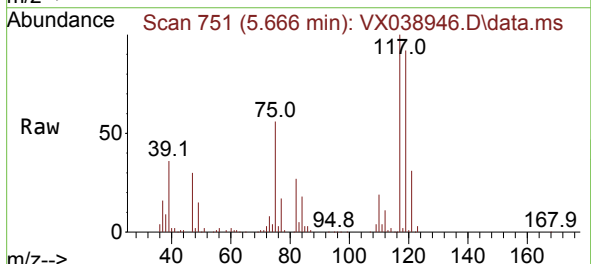
Tgt Ion: 117 Resp: 125167

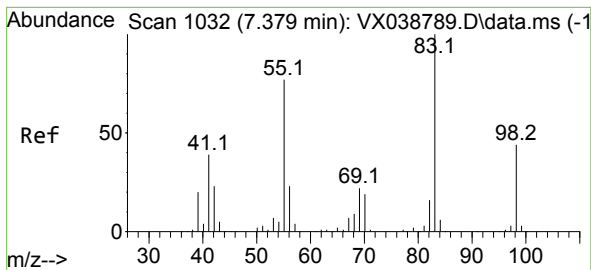
Ion Ratio Lower Upper

117 100

119 92.1 78.2 117.2

121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 46.098 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

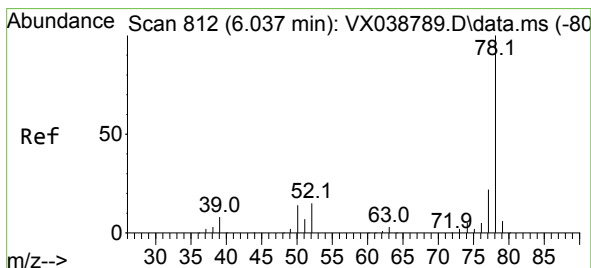
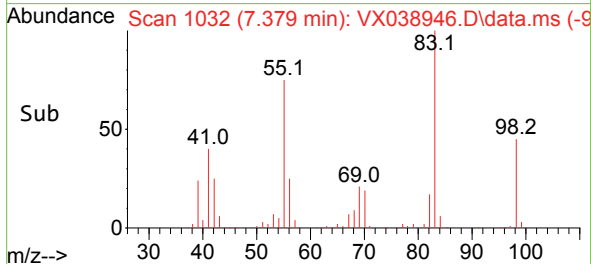
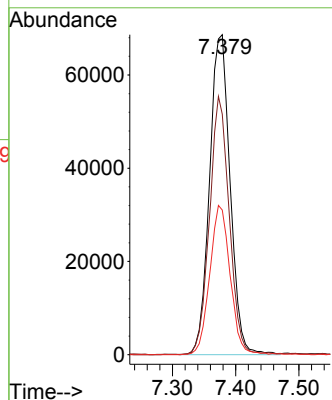
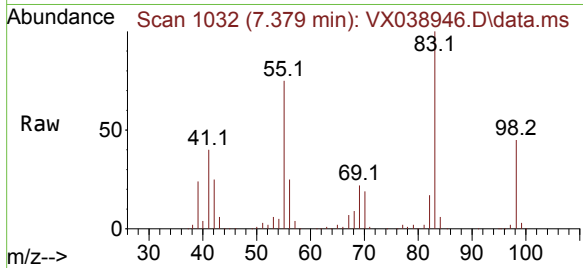
Tgt Ion: 83 Resp: 155554

Ion Ratio Lower Upper

83 100

55 75.0 64.6 97.0

98 45.2 36.7 55.1



#40

Benzene

Concen: 47.348 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038946.D

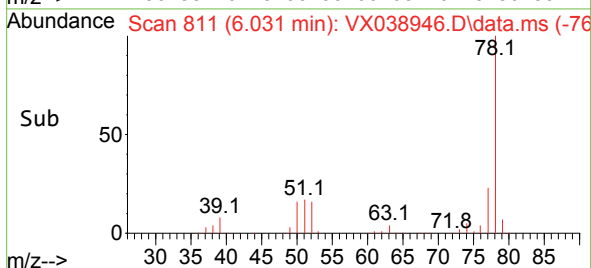
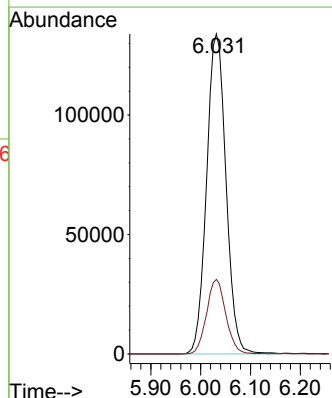
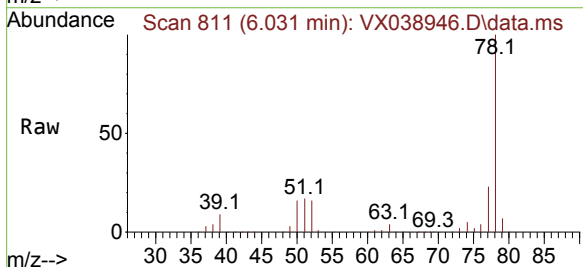
Acq: 20 Nov 2023 10:03

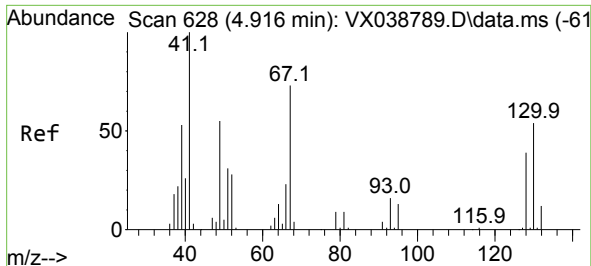
Tgt Ion: 78 Resp: 362285

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9



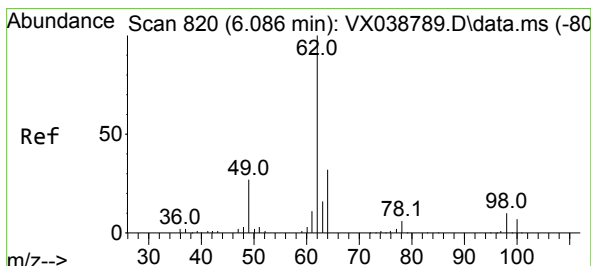
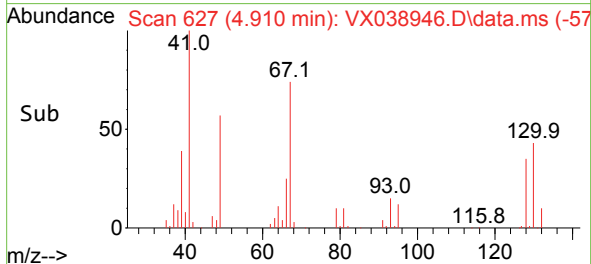
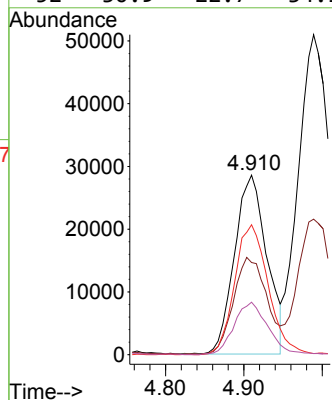
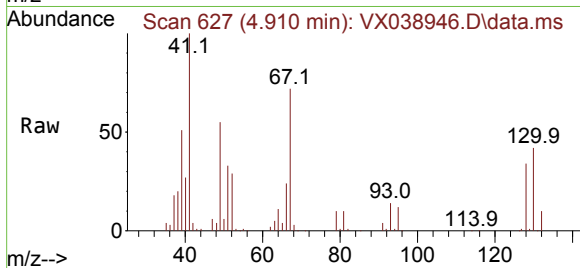


#41
Methacrylonitrile
Concen: 46.860 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 81914

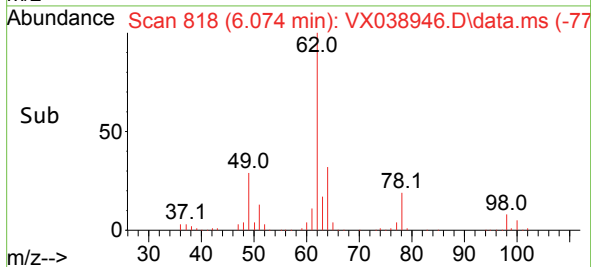
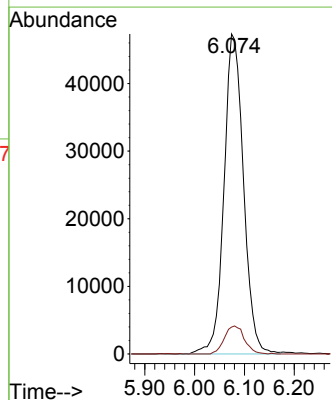
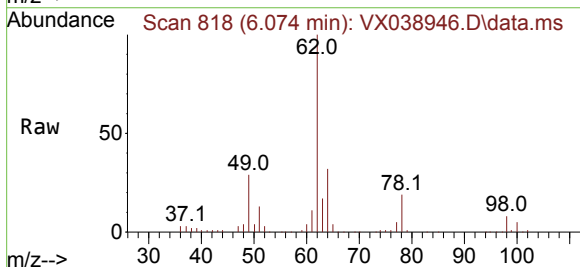
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.2	67.8
67	75.6	52.6	78.8
52	30.9	22.7	34.1

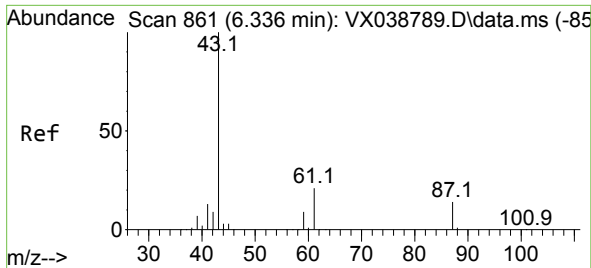


#42
1,2-Dichloroethane
Concen: 50.722 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 62 Resp: 128583

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0

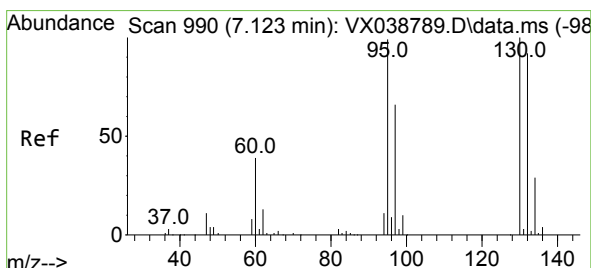
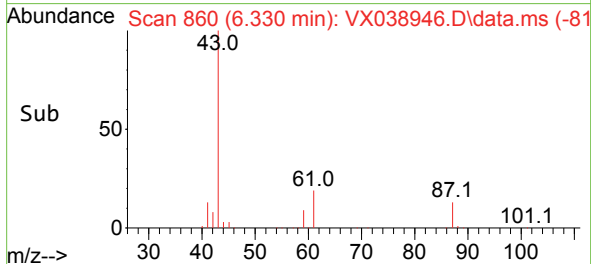
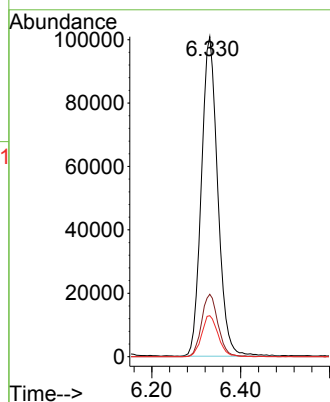
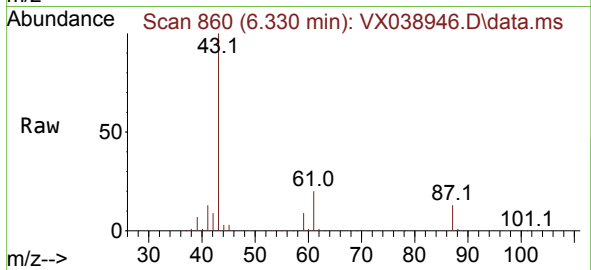




#43
Isopropyl Acetate
Concen: 47.894 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

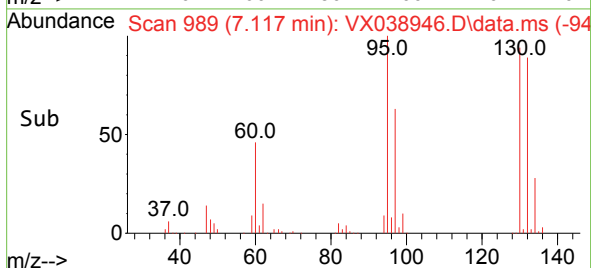
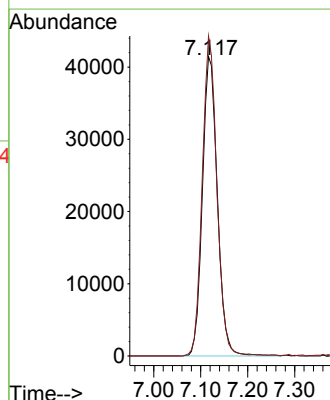
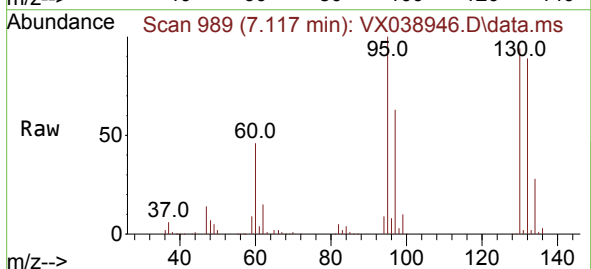
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

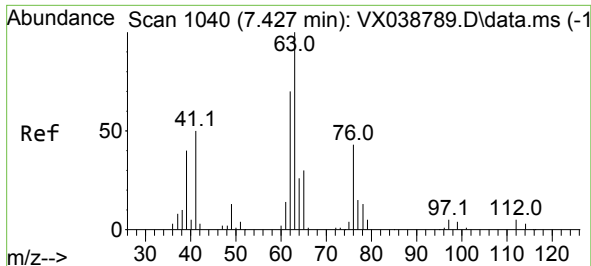
Tgt Ion: 43 Resp: 257977
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 13.0 9.8 14.6



#44
Trichloroethene
Concen: 49.161 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:130 Resp: 91560
Ion Ratio Lower Upper
130 100
95 106.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.320 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

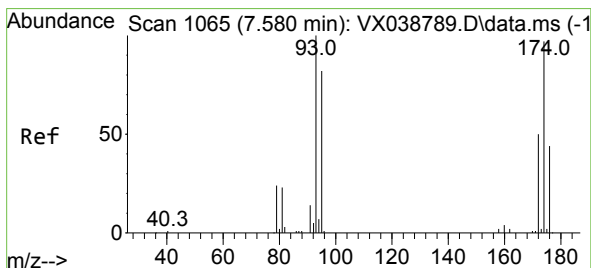
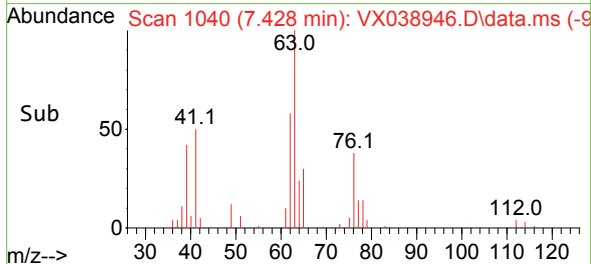
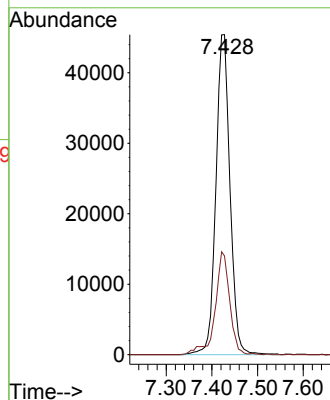
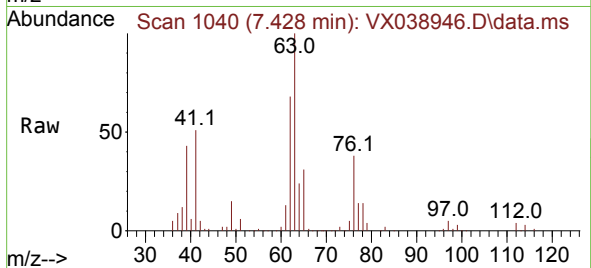
VSTDCCC050

Tgt Ion: 63 Resp: 97436

Ion Ratio Lower Upper

63 100

65 30.8 24.3 36.5



#46

Dibromomethane

Concen: 49.474 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

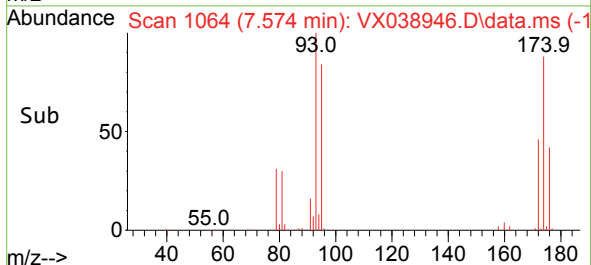
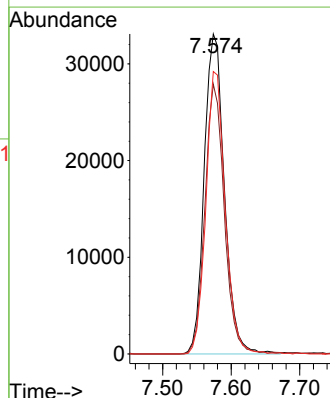
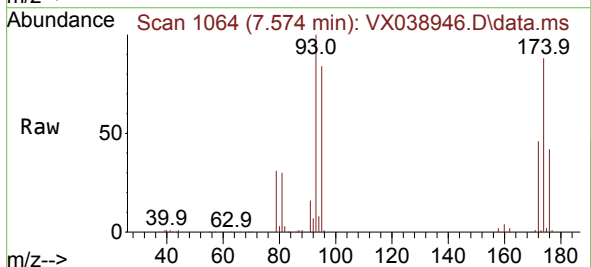
Tgt Ion: 93 Resp: 67935

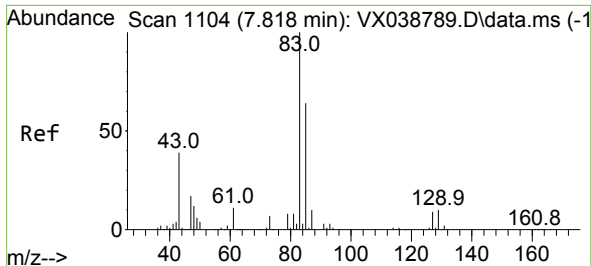
Ion Ratio Lower Upper

93 100

95 81.3 66.6 100.0

174 84.6 69.4 104.0

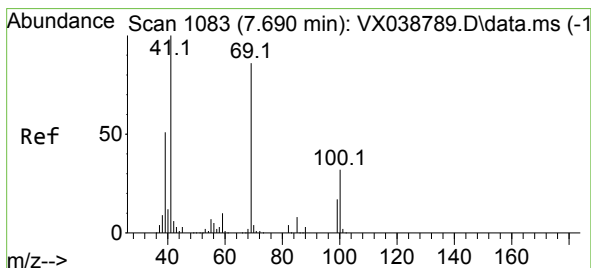
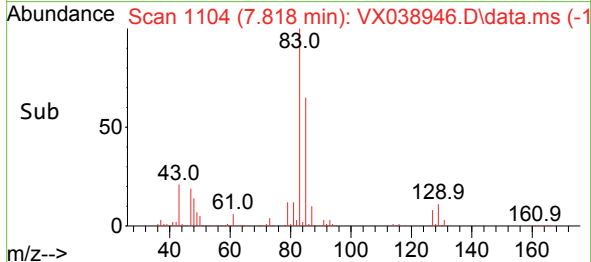
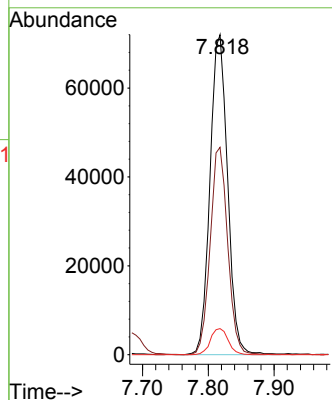
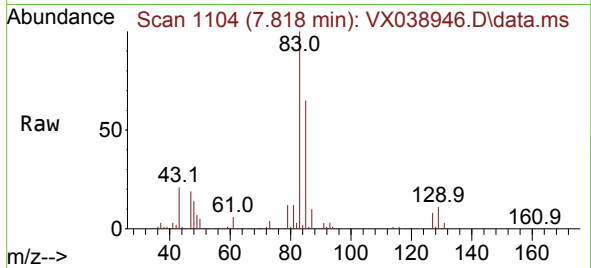




#47
Bromodichloromethane
Concen: 49.175 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

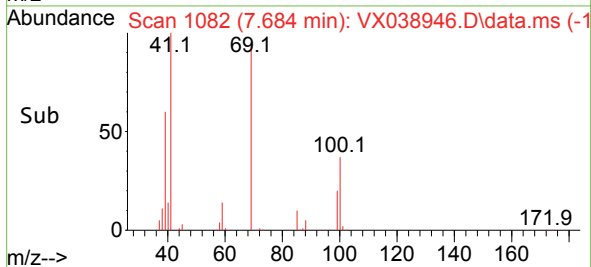
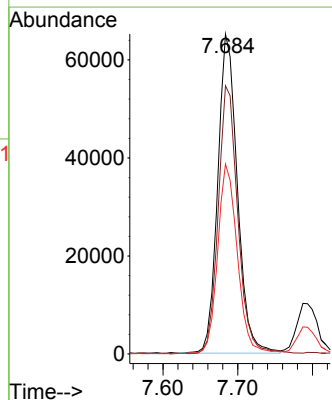
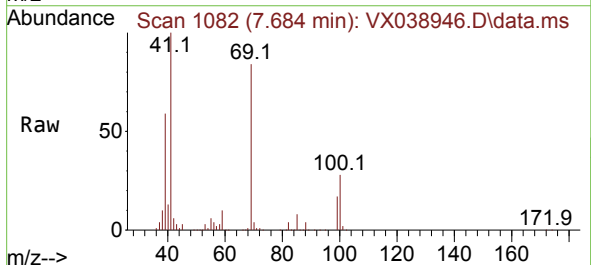
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

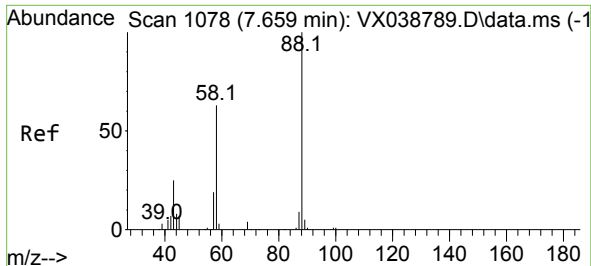
Tgt Ion: 83 Resp: 134020
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 45.459 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 41 Resp: 118805
Ion Ratio Lower Upper
41 100
69 84.1 59.2 88.8
39 60.3 47.7 71.5

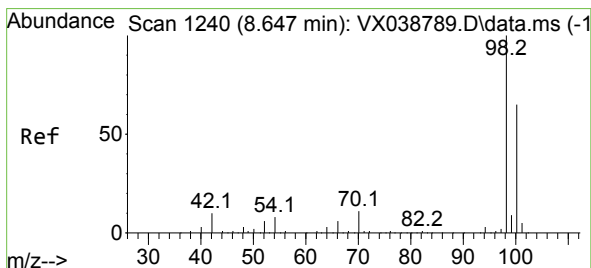
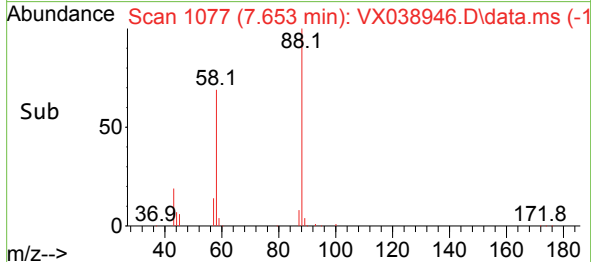
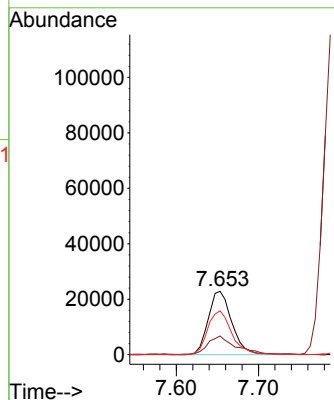
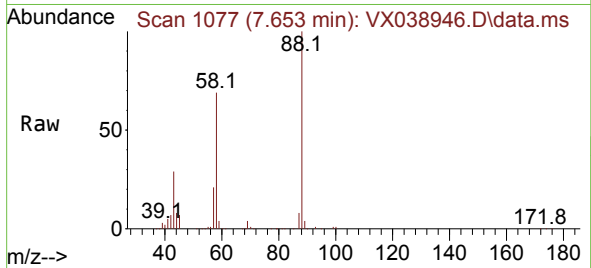




#49
1,4-Dioxane
Concen: 898.681 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

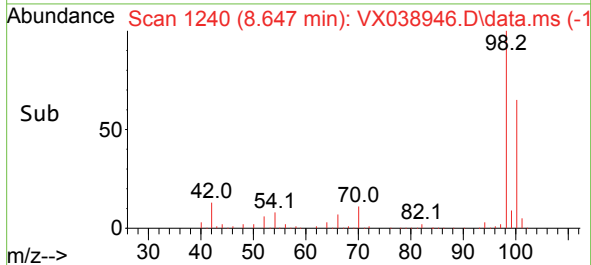
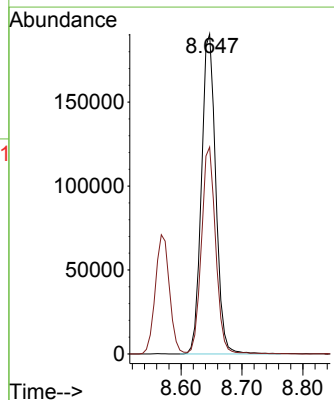
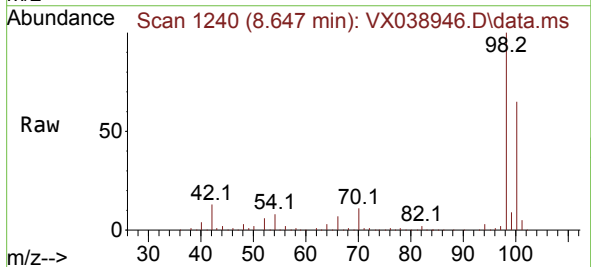
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

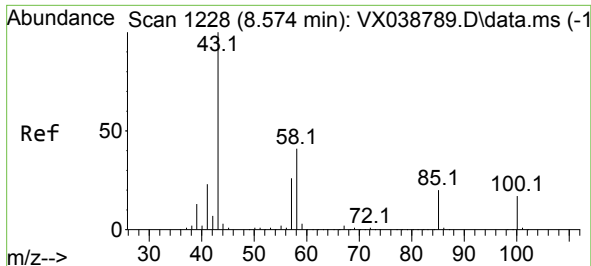
Tgt Ion: 88 Resp: 45438
Ion Ratio Lower Upper
88 100
43 33.7 0.0 0.0#
58 70.9 60.1 90.1



#50
Toluene-d8
Concen: 45.022 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 98 Resp: 310921
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 236.488 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

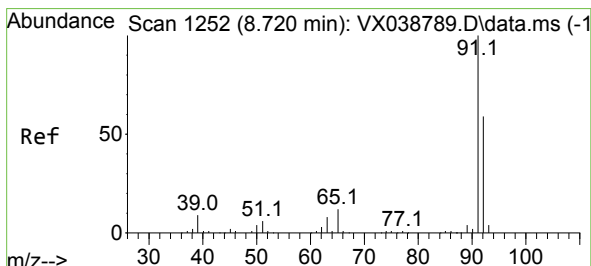
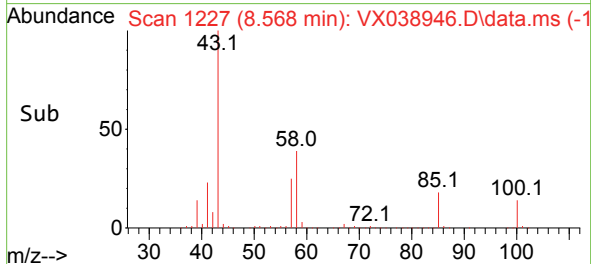
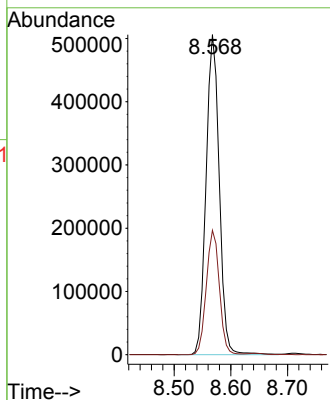
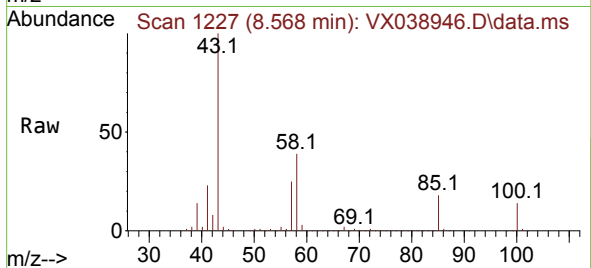
VSTDCCC050

Tgt Ion: 43 Resp: 814053

Ion Ratio Lower Upper

43 100

58 38.5 30.4 45.6



#52

Toluene

Concen: 46.989 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038946.D

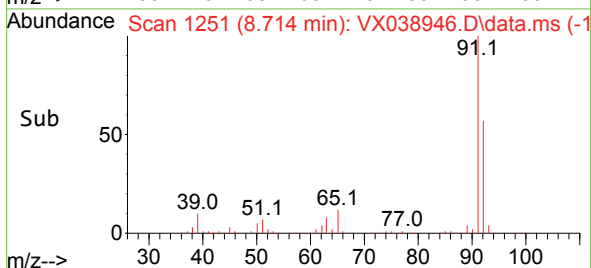
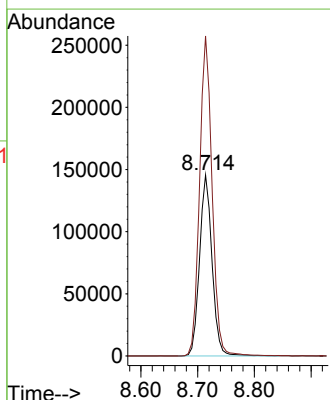
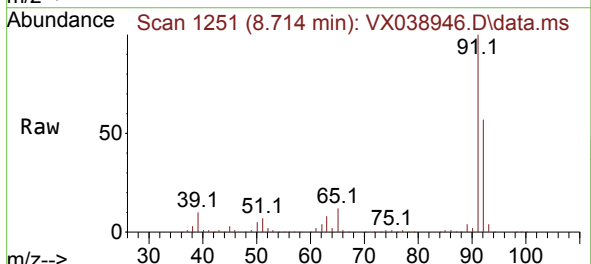
Acq: 20 Nov 2023 10:03

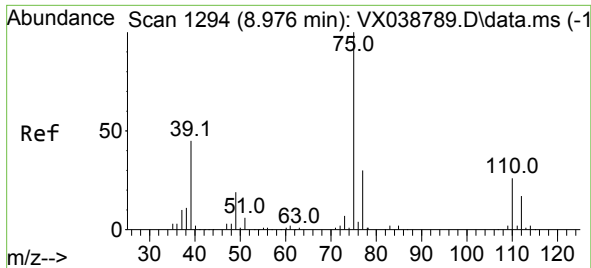
Tgt Ion: 92 Resp: 223111

Ion Ratio Lower Upper

92 100

91 177.3 134.2 201.2

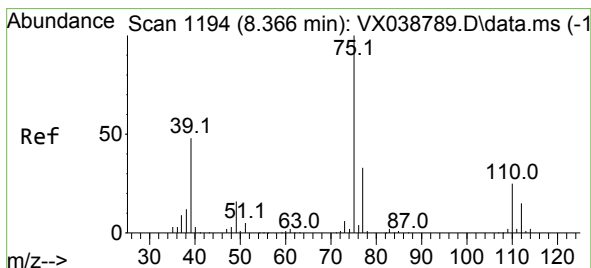
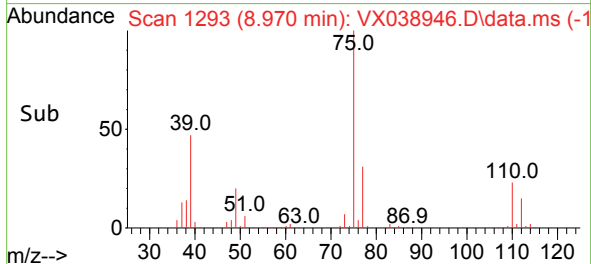
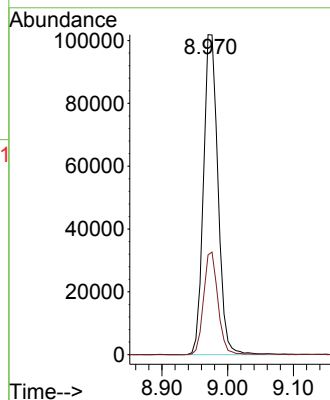
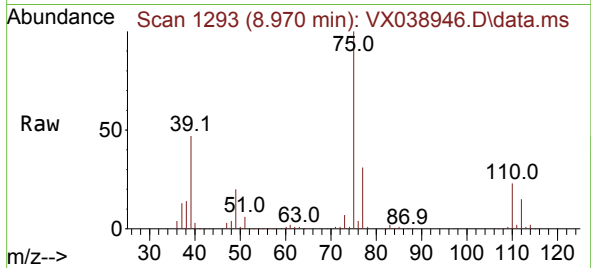




#53
 t-1,3-Dichloropropene
 Concen: 48.244 ug/l
 RT: 8.970 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

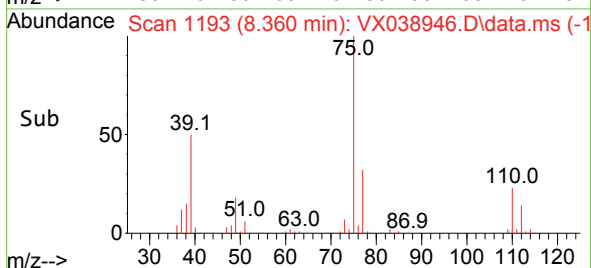
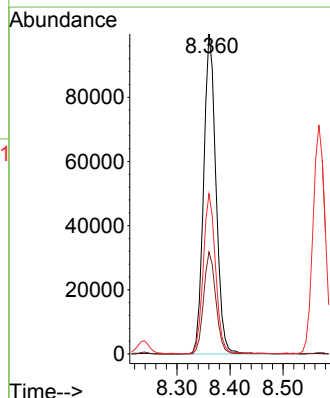
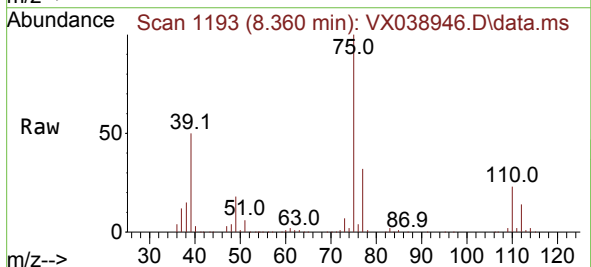
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

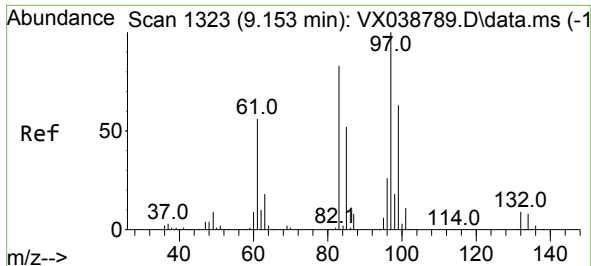
Tgt Ion: 75 Resp: 156253
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.098 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion: 75 Resp: 160912
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 50.1 46.7 70.1

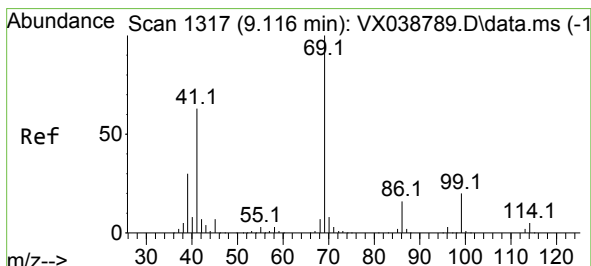
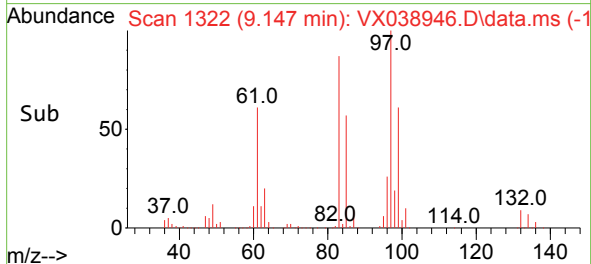
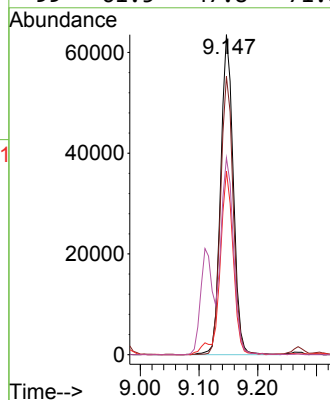
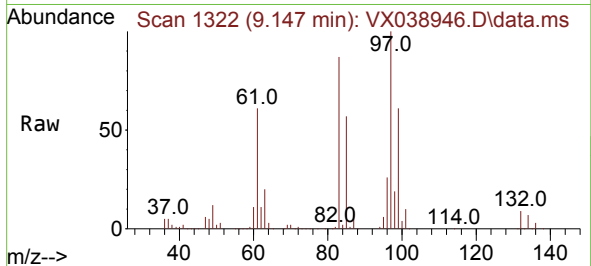




#55
1,1,2-Trichloroethane
Concen: 47.778 ug/l
RT: 9.147 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

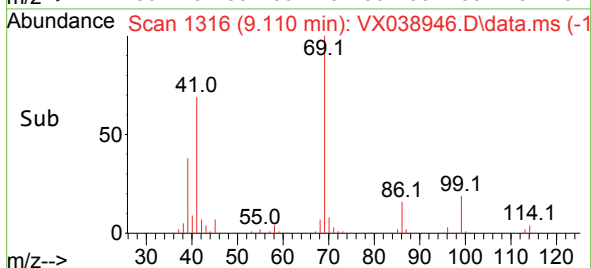
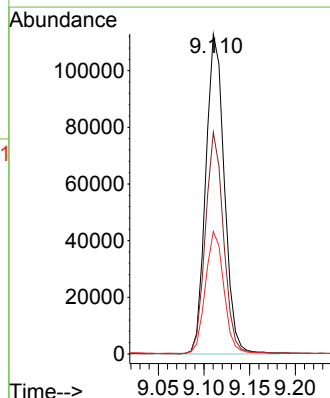
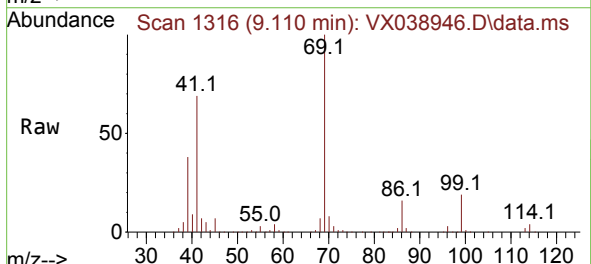
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

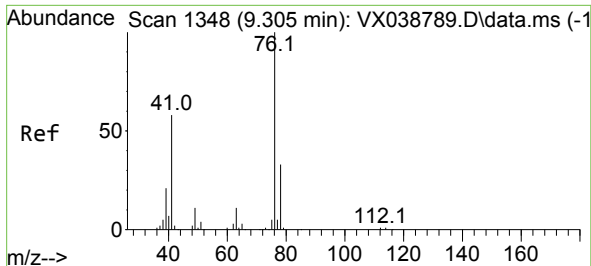
Tgt Ion:	97	Resp:	94657
Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.8	98.8
85	57.3	41.6	62.4
99	61.5	47.8	71.8



#56
Ethyl methacrylate
Concen: 47.602 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:	69	Resp:	159569
Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.8	85.2
39	37.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.904 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

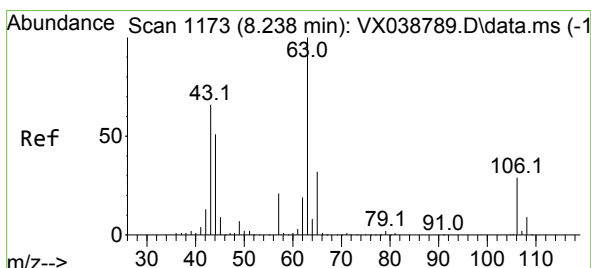
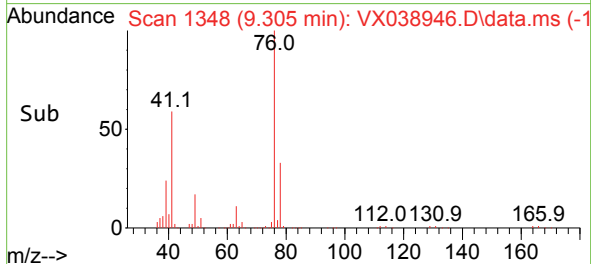
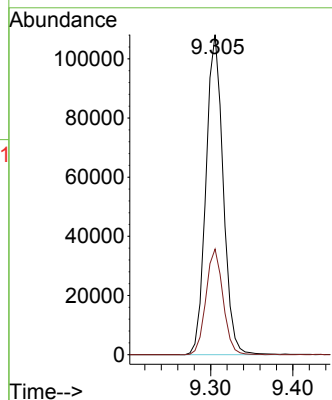
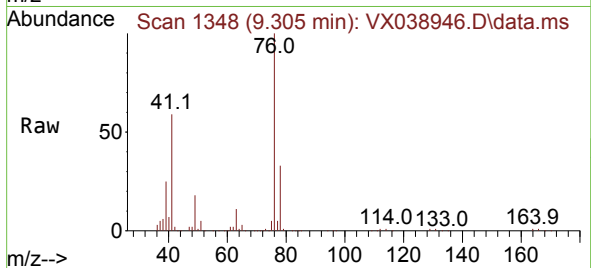
VSTDCCC050

Tgt Ion: 76 Resp: 156961

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 205.339 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038946.D

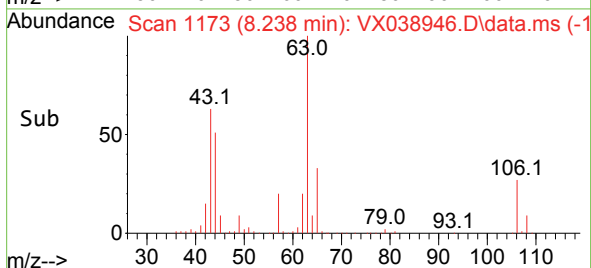
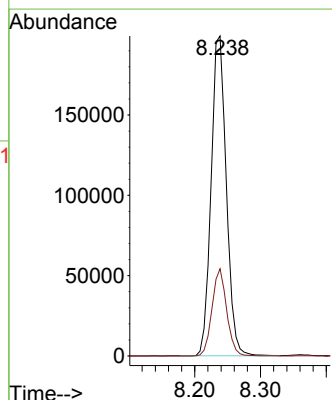
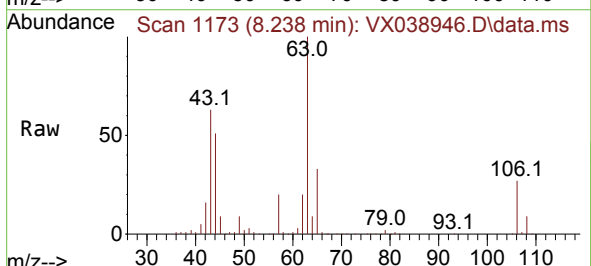
Acq: 20 Nov 2023 10:03

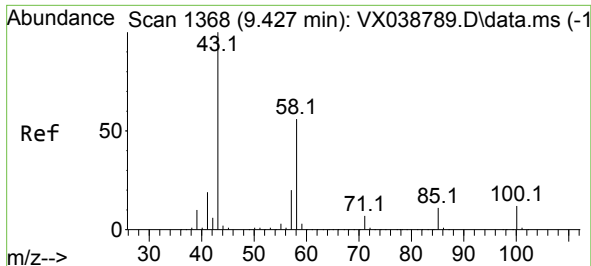
Tgt Ion: 63 Resp: 320649

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7

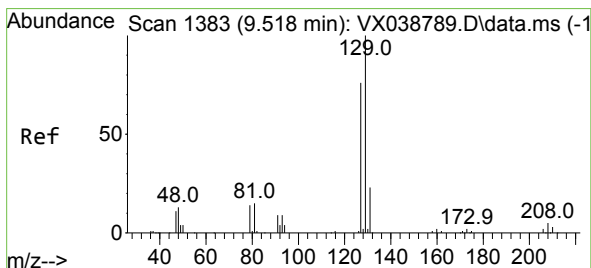
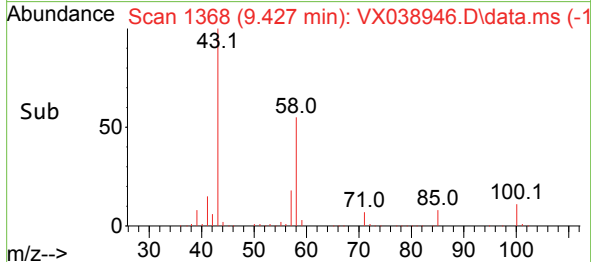
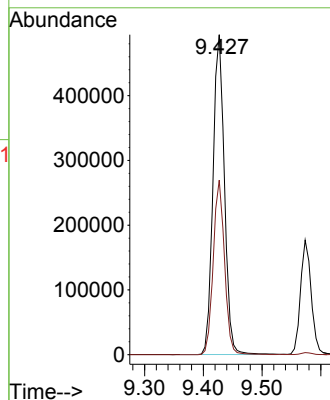
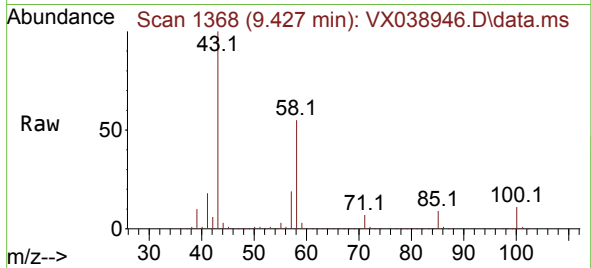




#59
2-Hexanone
Concen: 242.644 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

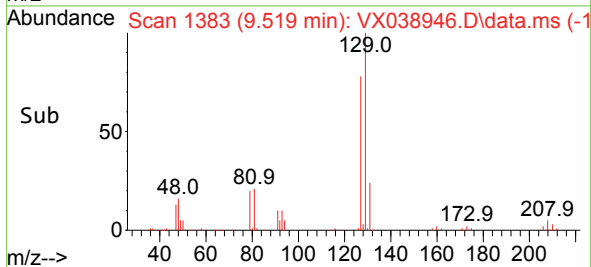
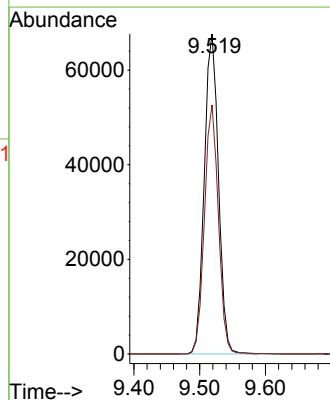
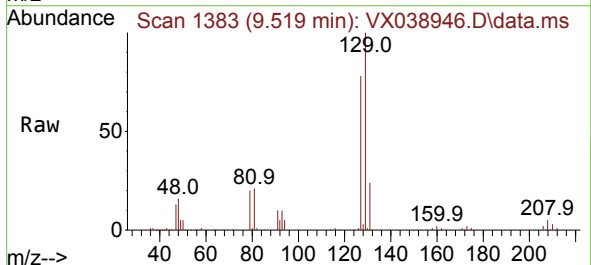
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 669470
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 50.487 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 129 Resp: 101705
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4

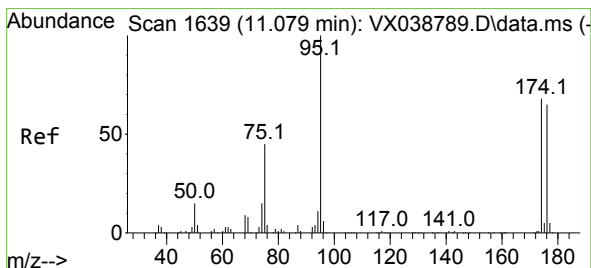
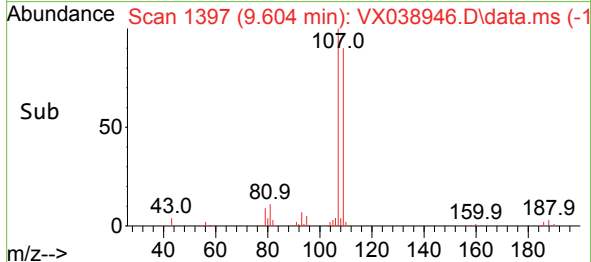
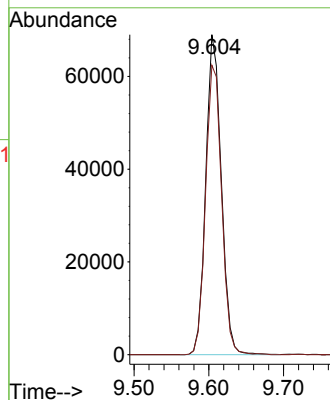
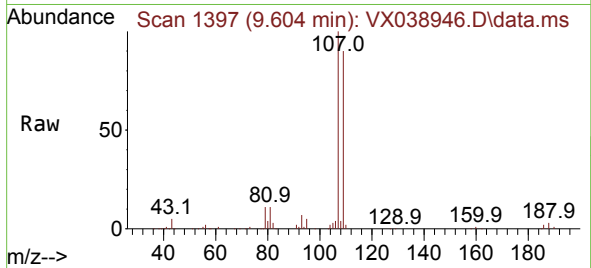




#61
1,2-Dibromoethane
Concen: 47.876 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

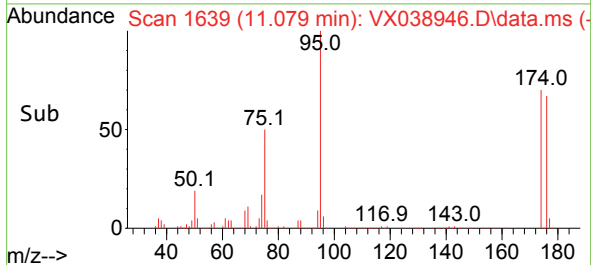
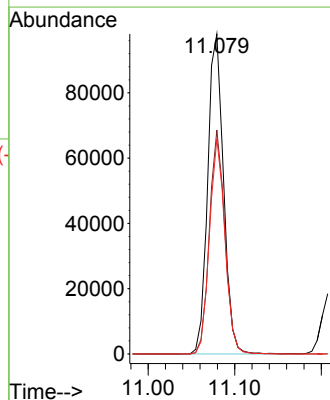
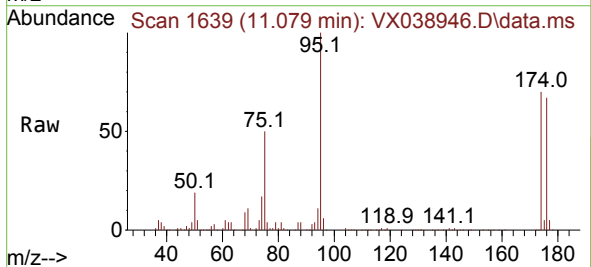
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

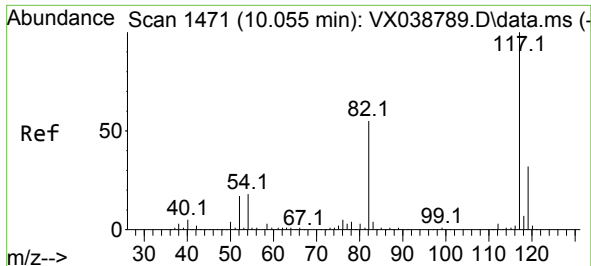
Tgt Ion:107 Resp: 99531
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 44.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 95 Resp: 124271
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 65.6 0.0 131.0

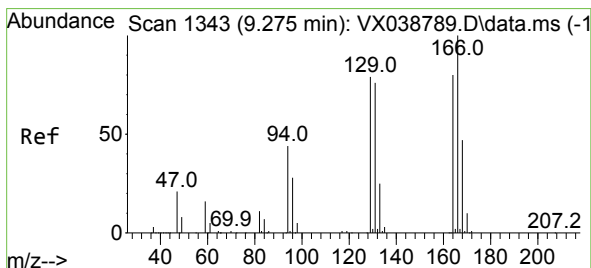
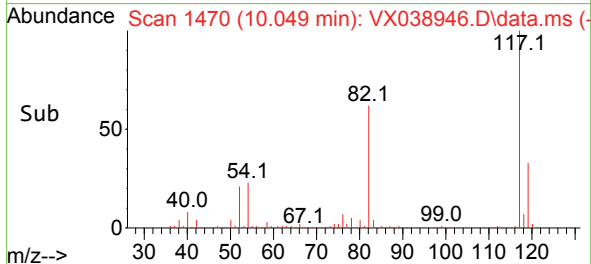
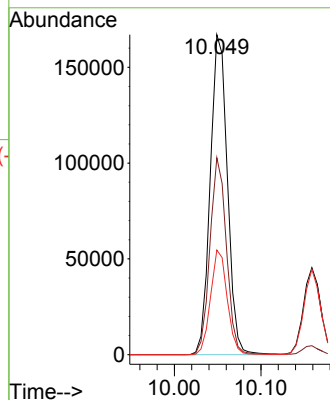
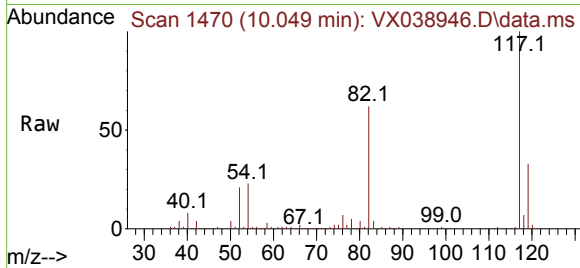




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

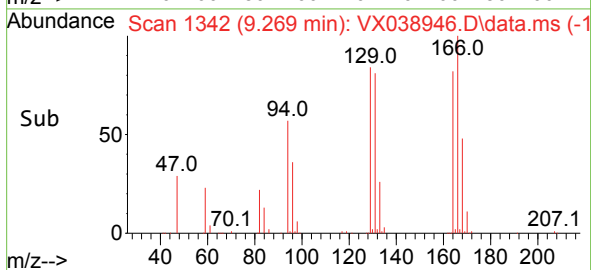
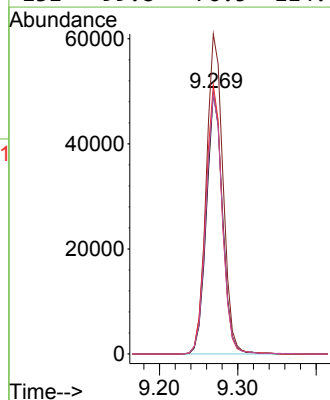
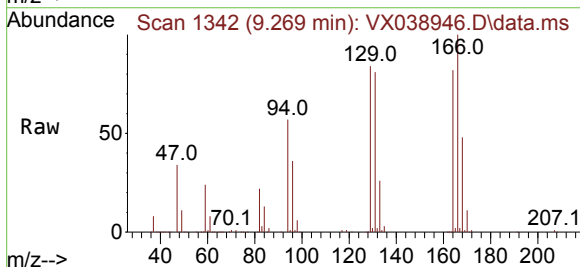
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

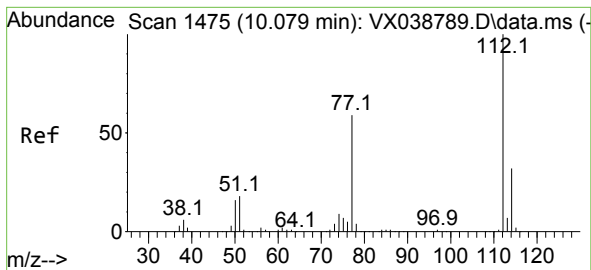
Tgt Ion:117 Resp: 230008
Ion Ratio Lower Upper
117 100
82 61.6 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 49.641 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:164 Resp: 70971
Ion Ratio Lower Upper
164 100
166 122.5 102.7 154.1
129 103.0 80.4 120.6
131 99.8 76.5 114.7

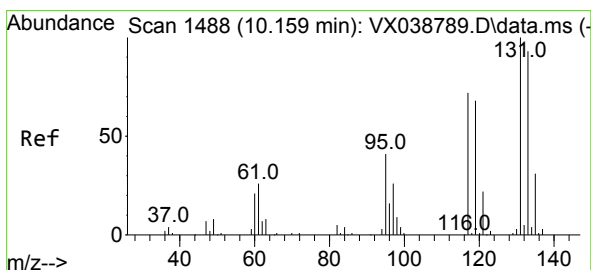
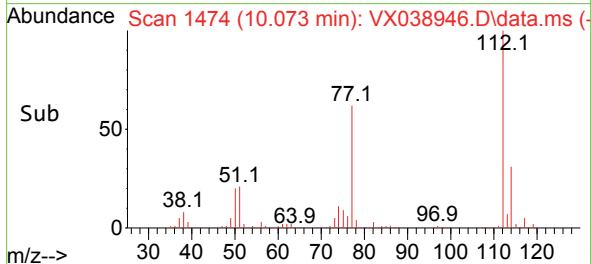
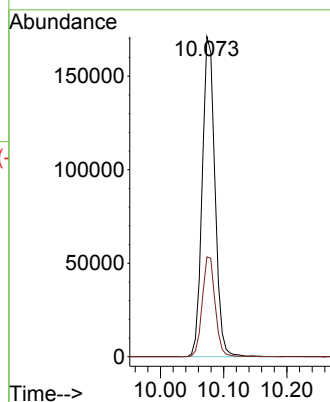
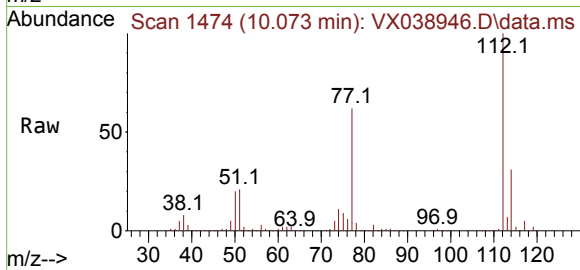




#65
Chlorobenzene
Concen: 48.523 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

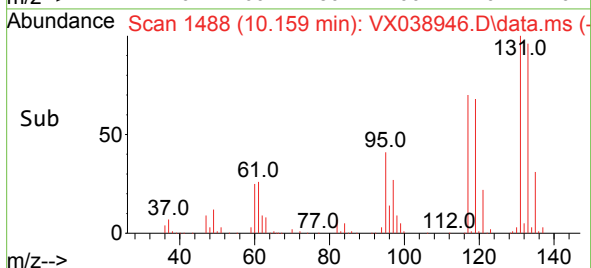
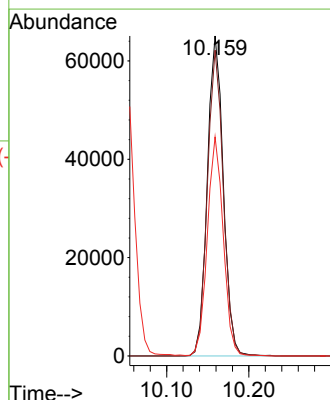
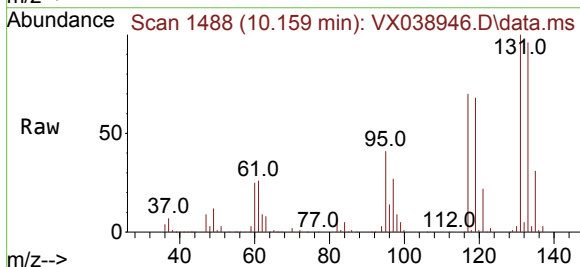
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

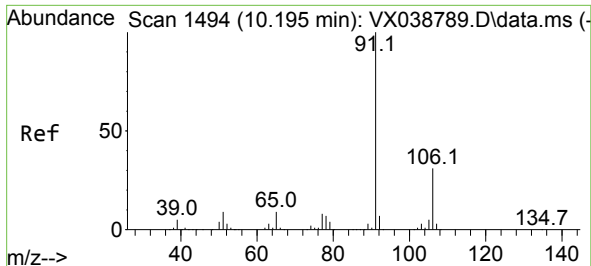
Tgt Ion:112 Resp: 240412
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.166 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:131 Resp: 87626
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 68.4 32.2 96.6

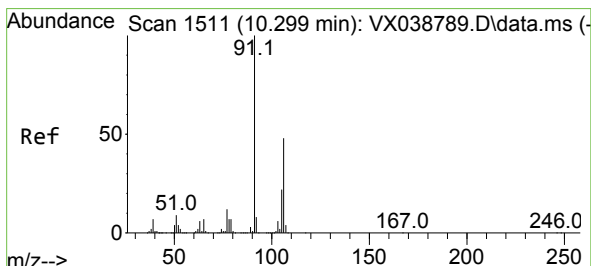
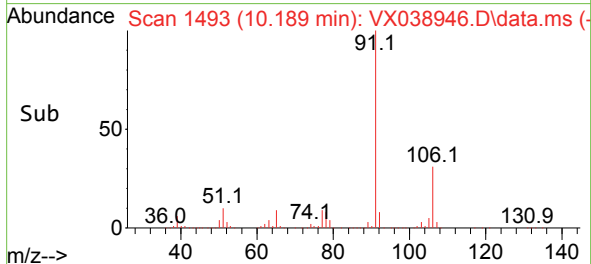
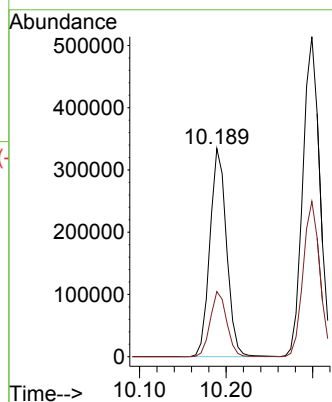
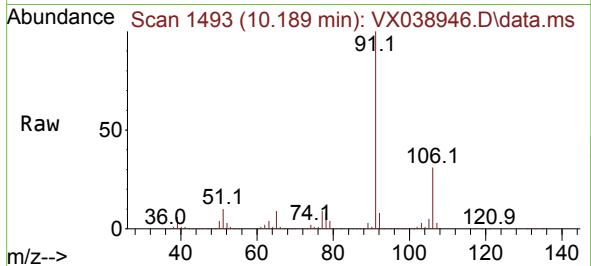




#67
Ethyl Benzene
Concen: 49.088 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

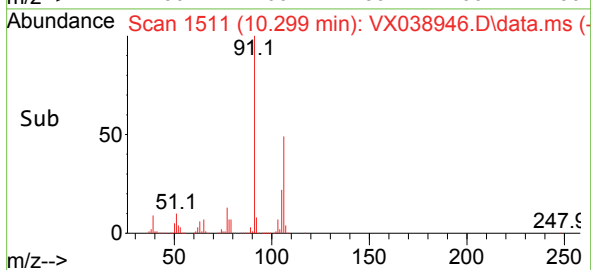
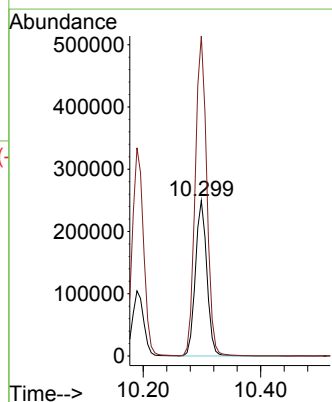
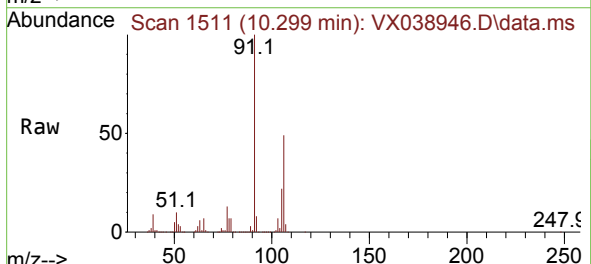
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

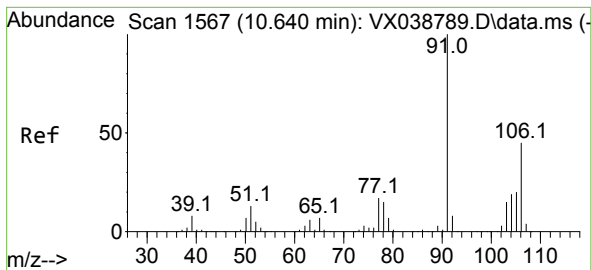
Tgt Ion: 91 Resp: 446844
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 98.087 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 106 Resp: 337753
Ion Ratio Lower Upper
106 100
91 208.3 165.5 248.3

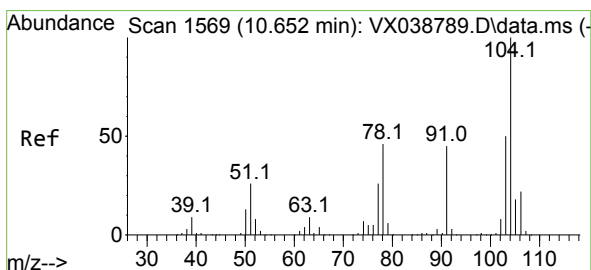
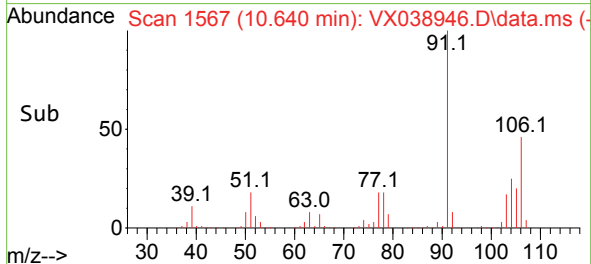
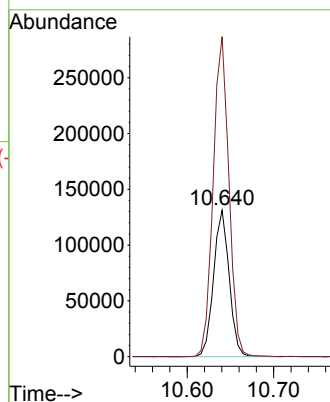
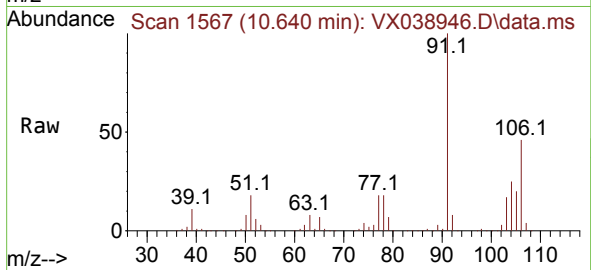




#69
o-Xylene
Concen: 48.232 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

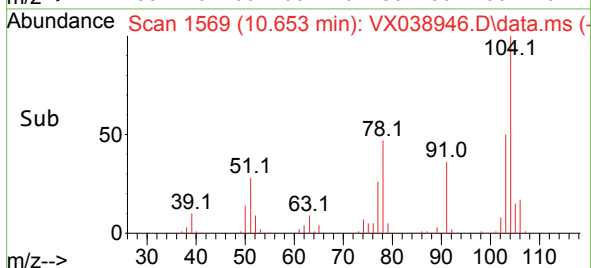
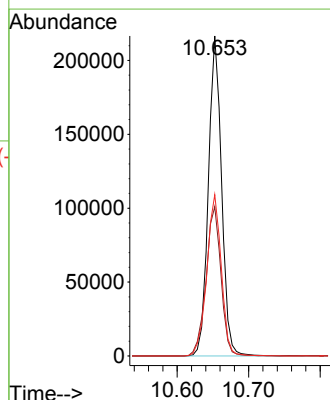
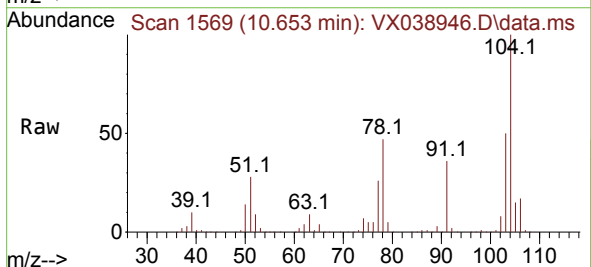
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

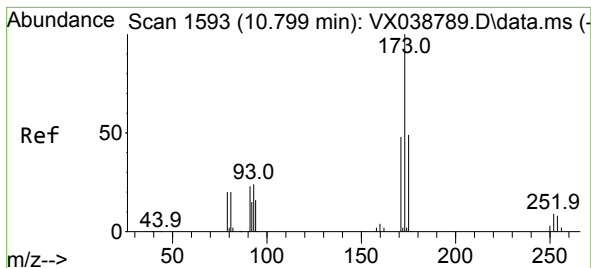
Tgt Ion:106 Resp: 164338
Ion Ratio Lower Upper
106 100
91 220.6 108.9 326.8



#70
Styrene
Concen: 48.303 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:104 Resp: 277950
Ion Ratio Lower Upper
104 100
78 52.9 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 51.420 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

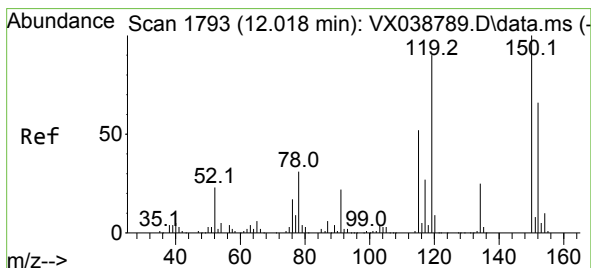
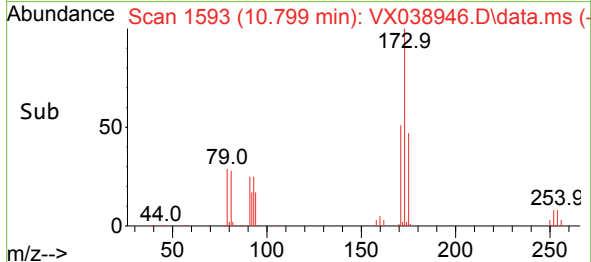
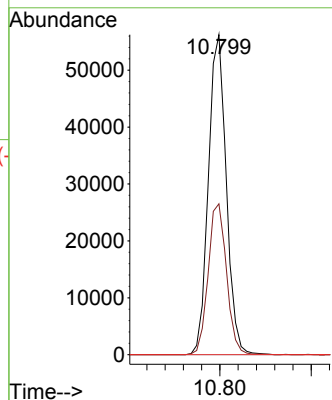
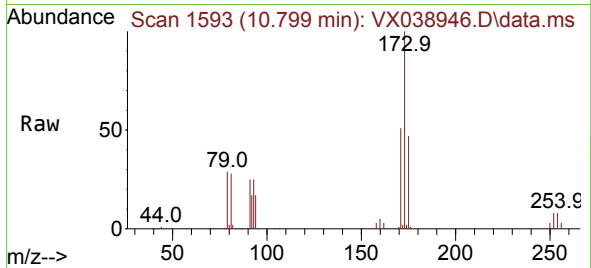
Tgt Ion:173 Resp: 76398

Ion Ratio Lower Upper

173 100

175 48.5 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. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

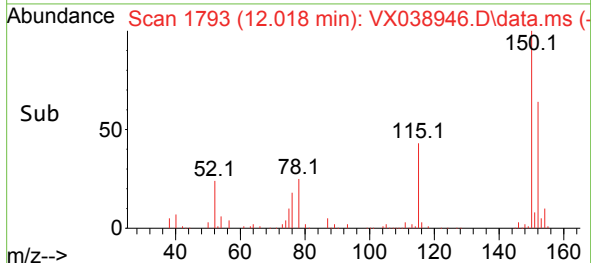
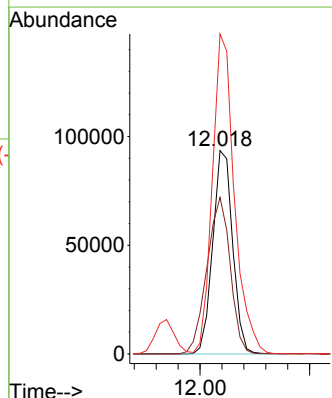
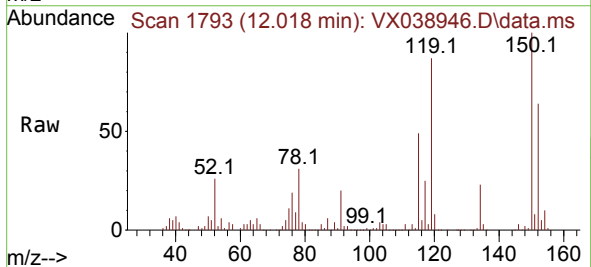
Tgt Ion:152 Resp: 118093

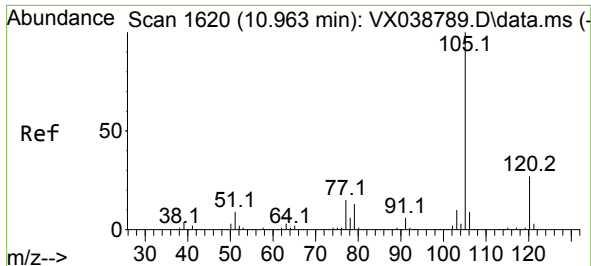
Ion Ratio Lower Upper

152 100

115 90.2 43.3 129.9

150 173.5 0.0 345.0

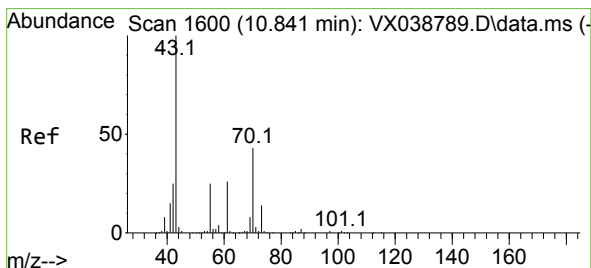
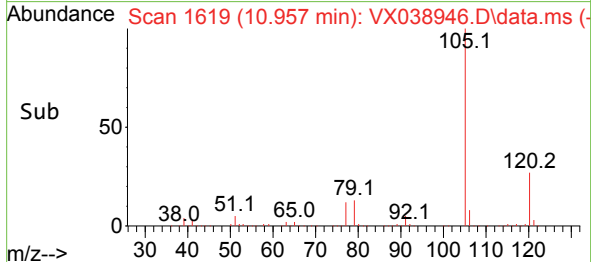
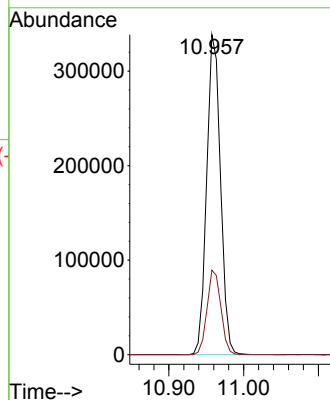
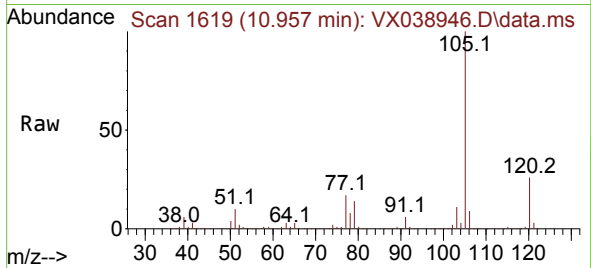




#73
Isopropylbenzene
Concen: 47.175 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

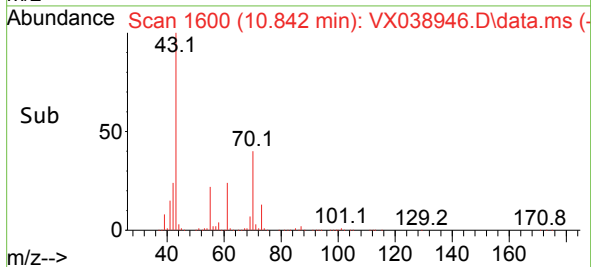
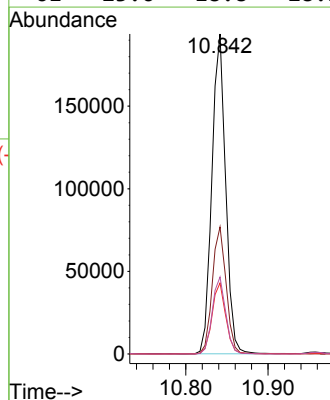
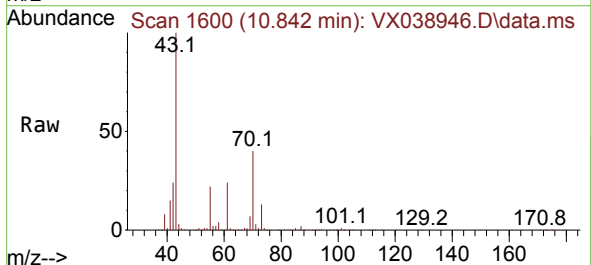
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

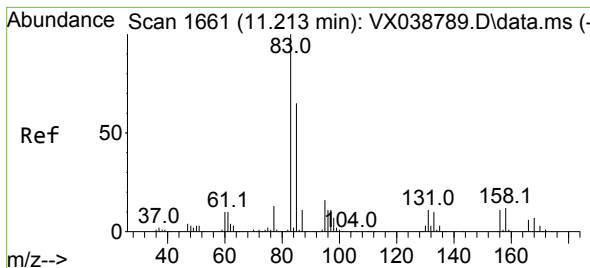
Tgt Ion:105 Resp: 434059
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 46.262 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 43 Resp: 225014
Ion Ratio Lower Upper
43 100
70 40.1 32.9 49.3
55 22.2 19.3 28.9
61 23.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.095 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

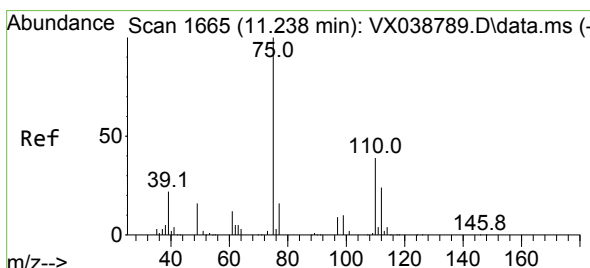
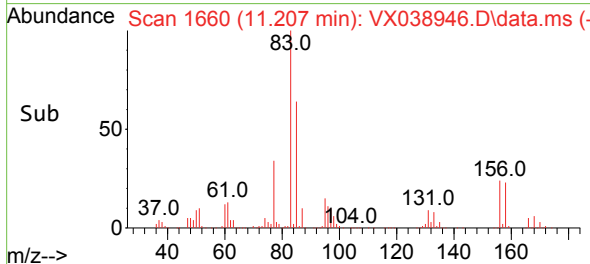
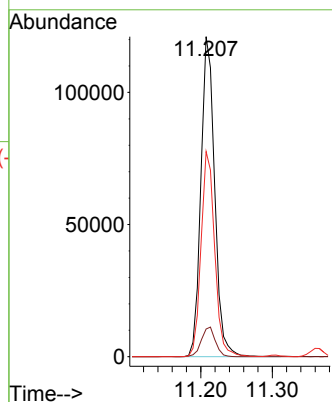
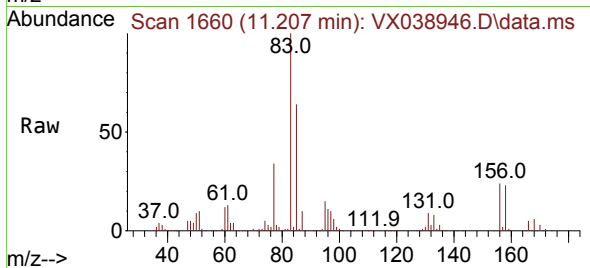
Tgt Ion: 83 Resp: 161970

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.8

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 64.953 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038946.D

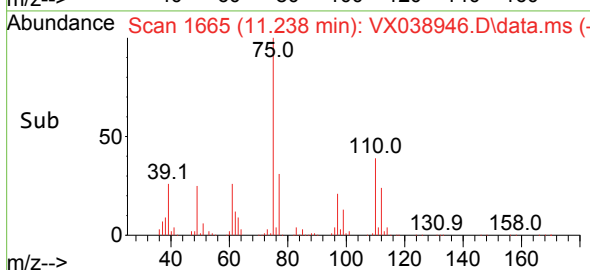
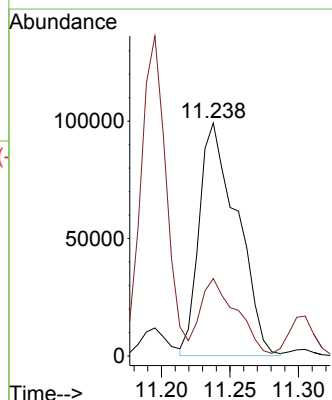
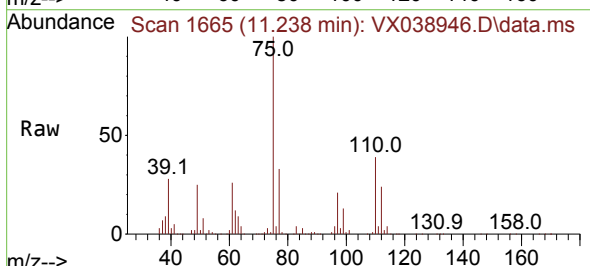
Acq: 20 Nov 2023 10:03

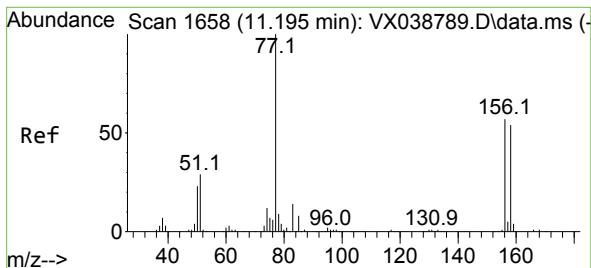
Tgt Ion: 75 Resp: 191377

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 46.870 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

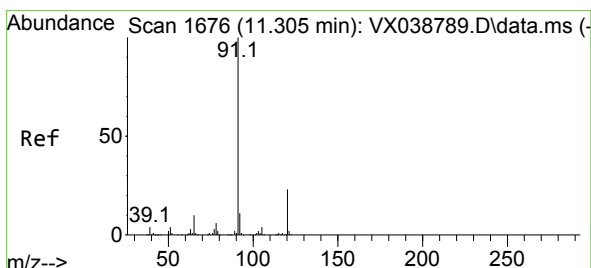
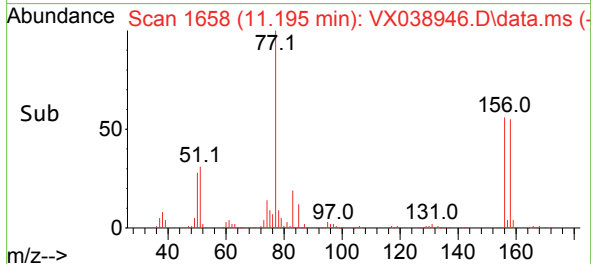
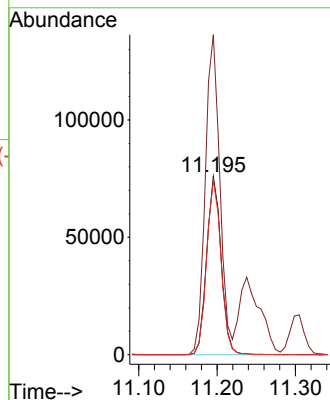
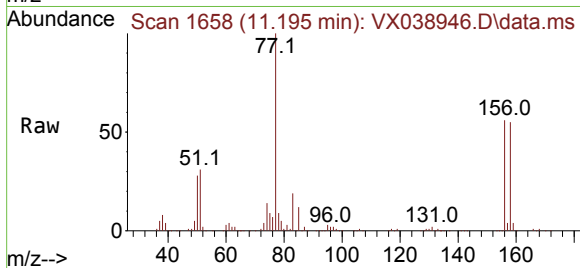
Tgt Ion:156 Resp: 96902

Ion Ratio Lower Upper

156 100

77 181.1 88.4 265.3

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 47.124 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038946.D

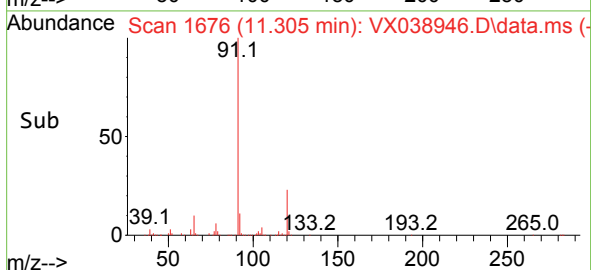
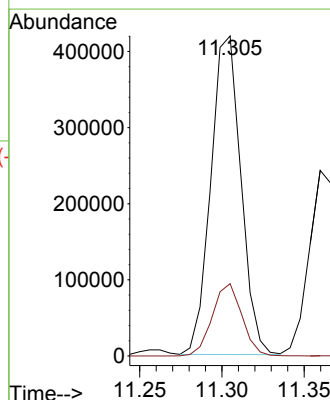
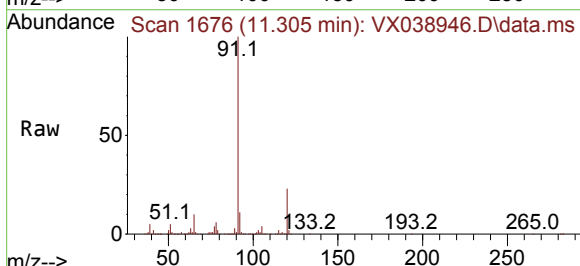
Acq: 20 Nov 2023 10:03

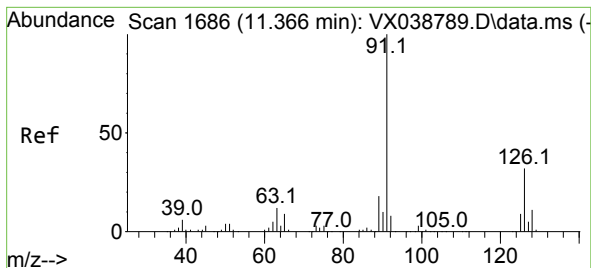
Tgt Ion: 91 Resp: 533704

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.989 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

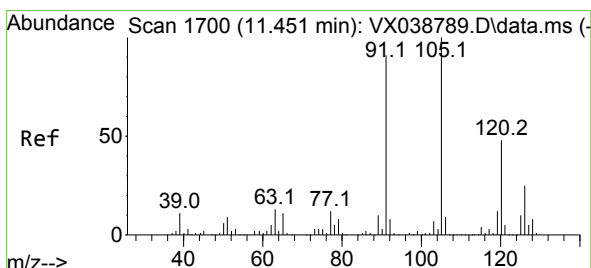
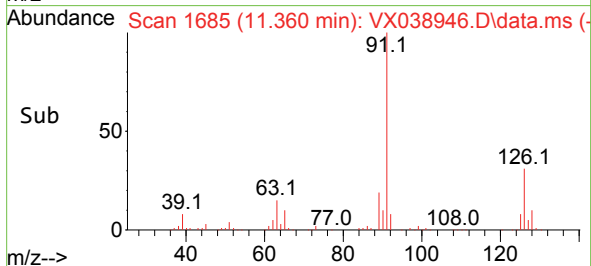
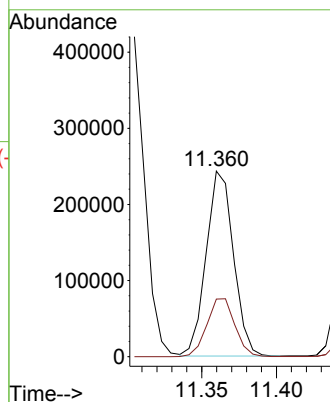
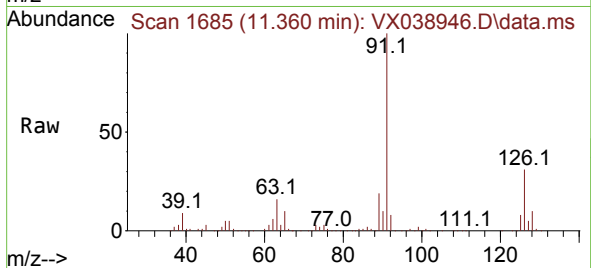
VSTDCCC050

Tgt Ion: 91 Resp: 309108

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 48.054 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038946.D

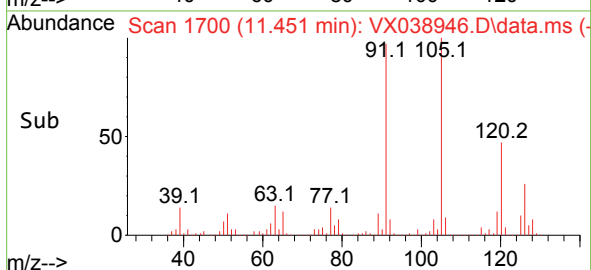
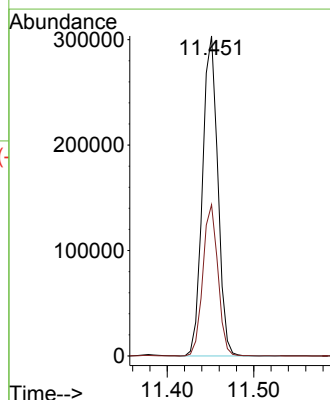
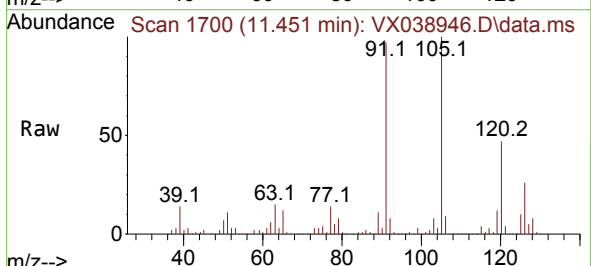
Acq: 20 Nov 2023 10:03

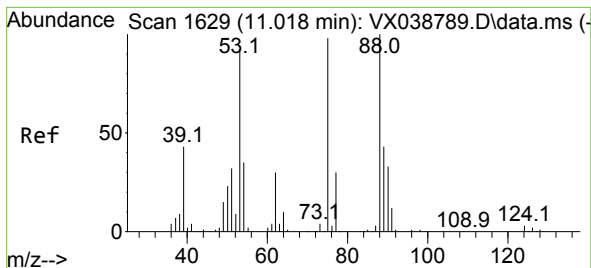
Tgt Ion: 105 Resp: 371770

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3

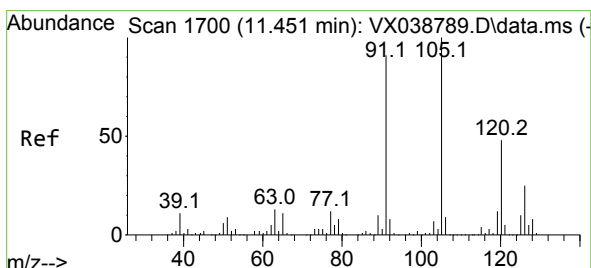
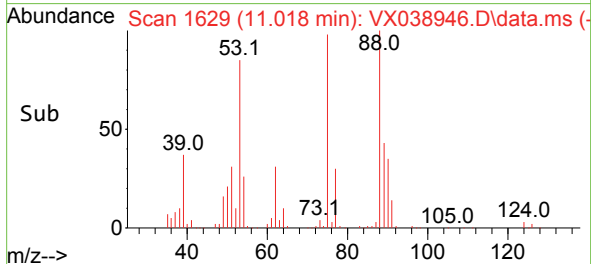
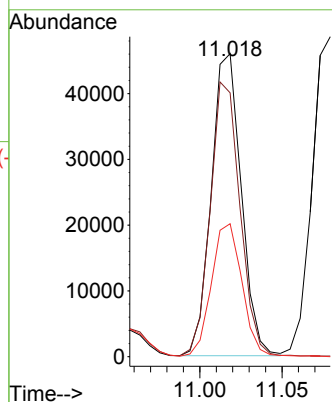
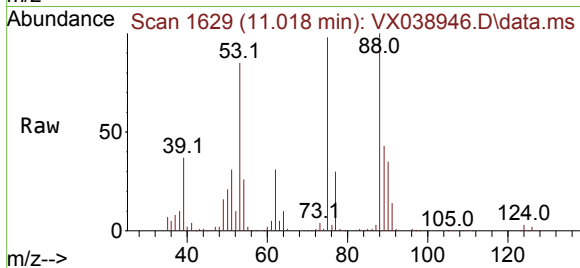




#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.866 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

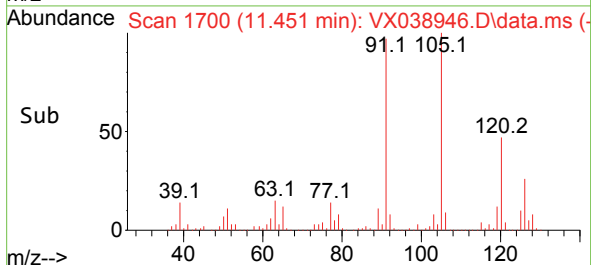
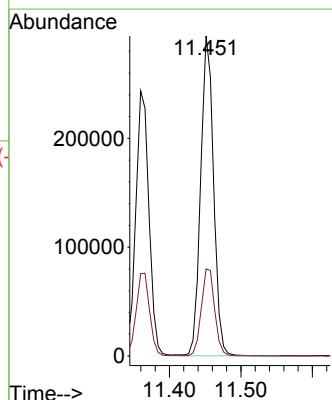
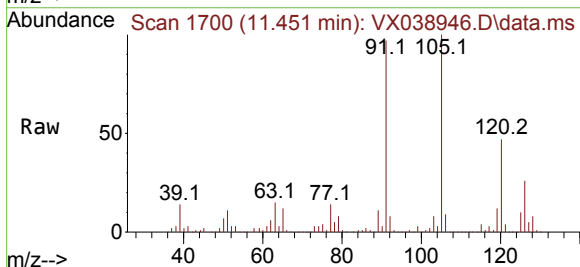
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

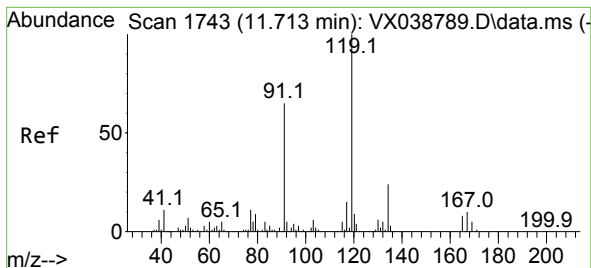
Tgt Ion: 75 Resp: 58269
 Ion Ratio Lower Upper
 75 100
 53 90.0 90.5 135.7#
 89 45.1 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 47.521 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion: 91 Resp: 368286
 Ion Ratio Lower Upper
 91 100
 126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.957 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

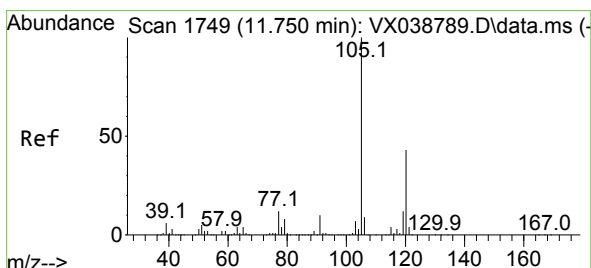
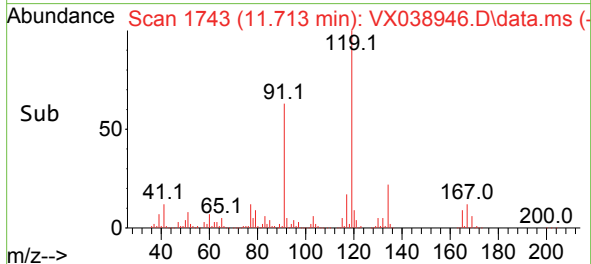
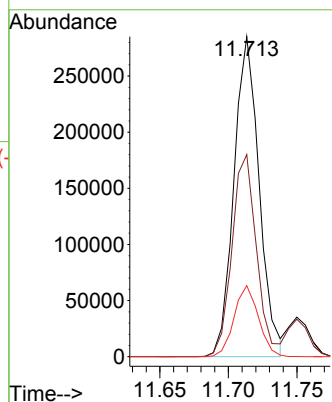
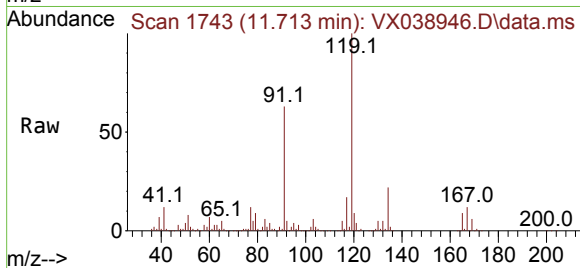
Tgt Ion:119 Resp: 365404

Ion Ratio Lower Upper

119 100

91 61.8 31.2 93.6

134 21.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 47.669 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038946.D

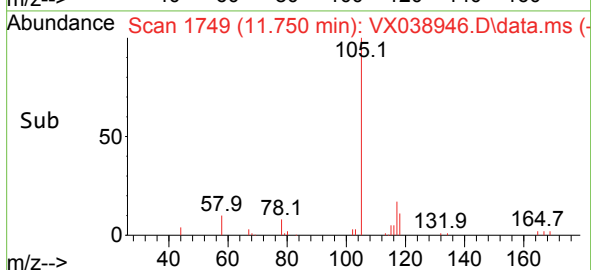
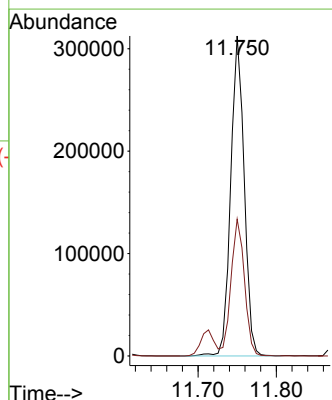
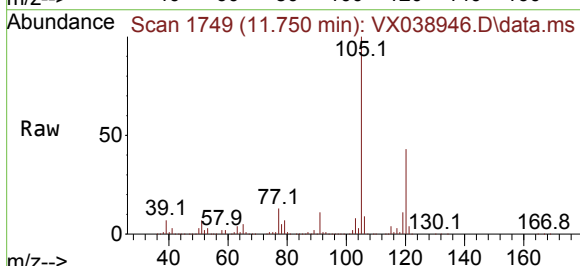
Acq: 20 Nov 2023 10:03

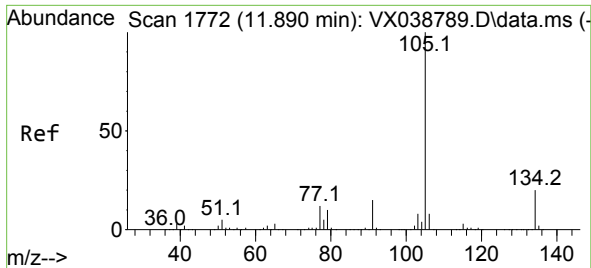
Tgt Ion:105 Resp: 373272

Ion Ratio Lower Upper

105 100

120 42.7 21.2 63.6

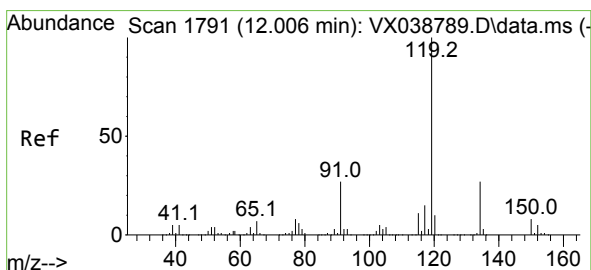
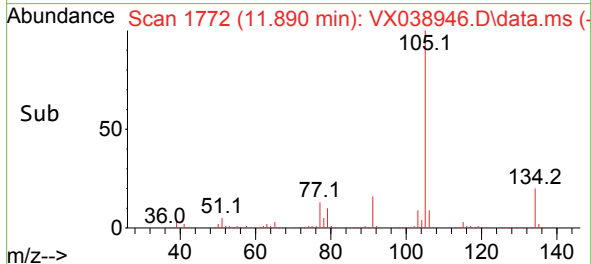
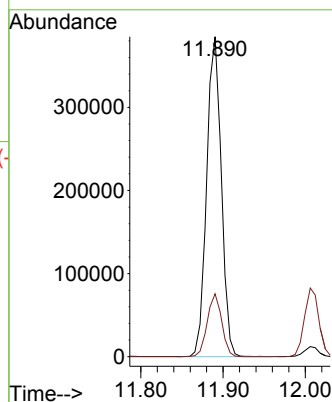
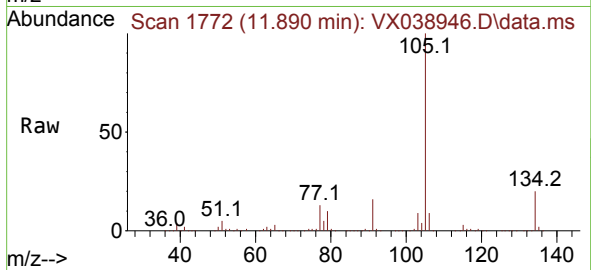




#85
 sec-Butylbenzene
 Concen: 47.687 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

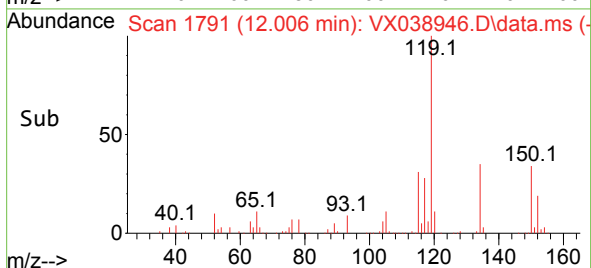
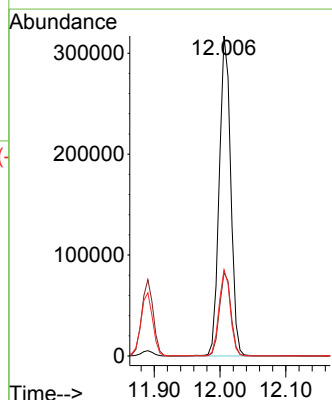
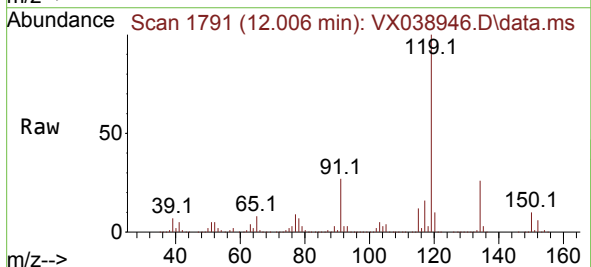
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

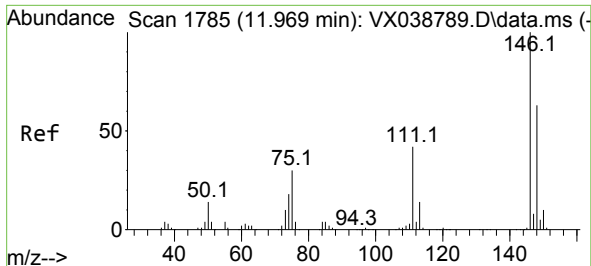
Tgt Ion:105 Resp: 475270
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.028 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038946.D
 Acq: 20 Nov 2023 10:03

Tgt Ion:119 Resp: 384249
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.6 13.1 39.3

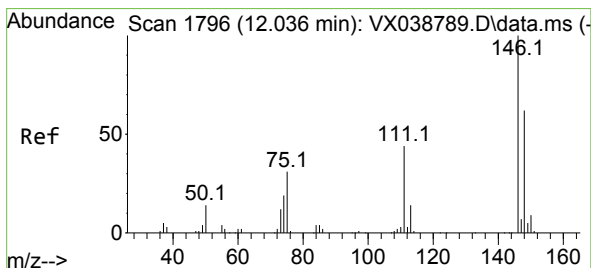
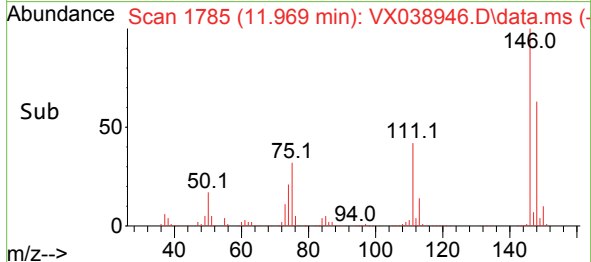
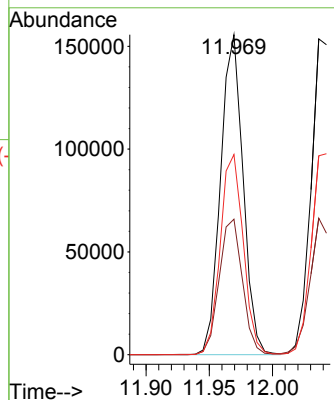
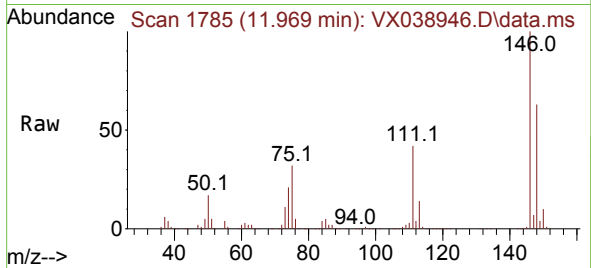




#87
1,3-Dichlorobenzene
Concen: 47.460 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

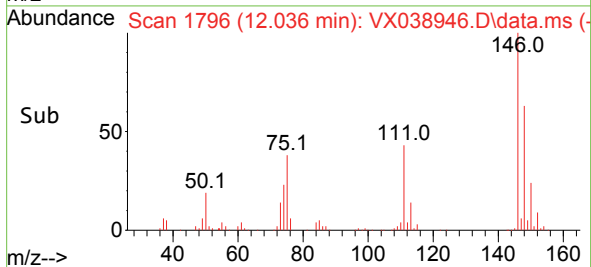
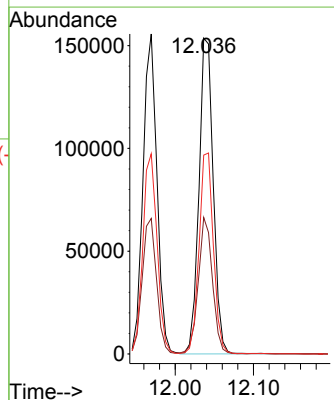
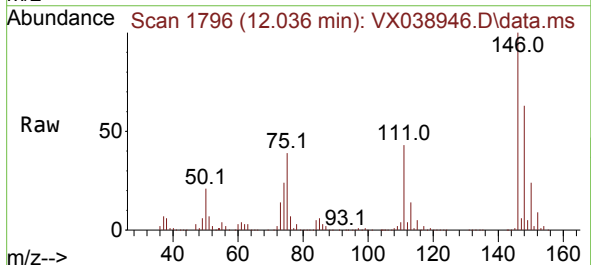
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

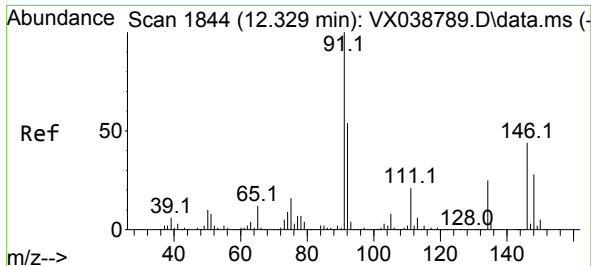
Tgt Ion:146 Resp: 192144
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 64.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 47.148 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:146 Resp: 195367
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.7
148 63.6 31.8 95.4

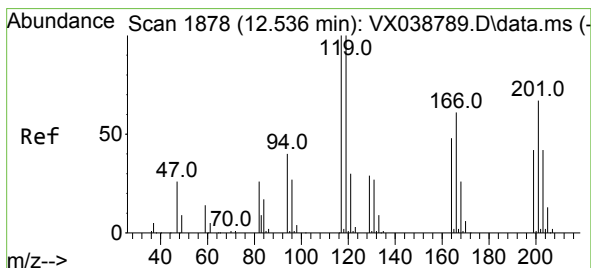
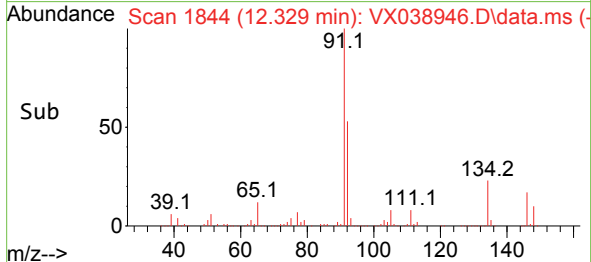
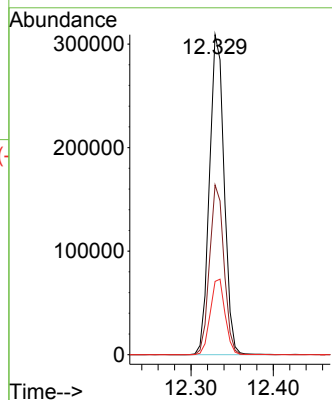
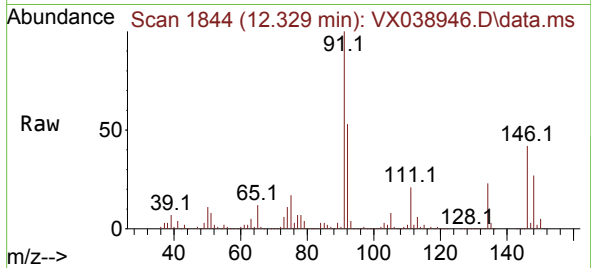




#89
n-Butylbenzene
Concen: 47.377 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

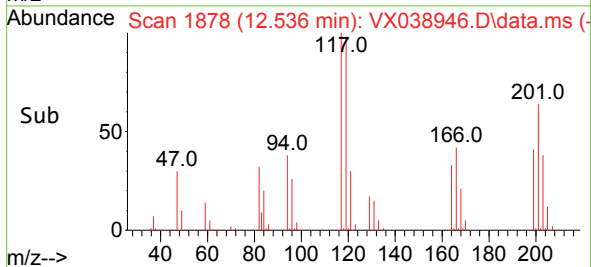
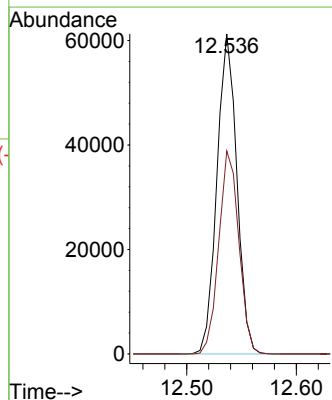
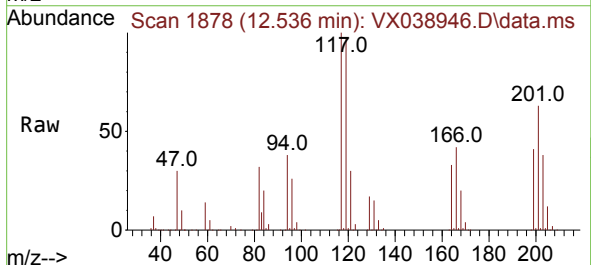
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

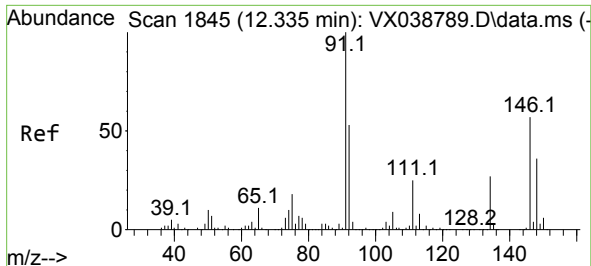
Tgt Ion: 91 Resp: 382431
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 23.9 12.6 37.8



#90
Hexachloroethane
Concen: 48.414 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 117 Resp: 77351
Ion Ratio Lower Upper
117 100
201 64.1 32.9 98.6

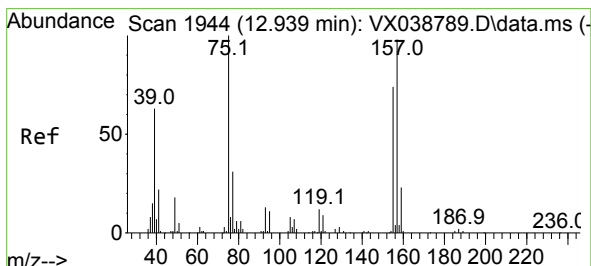
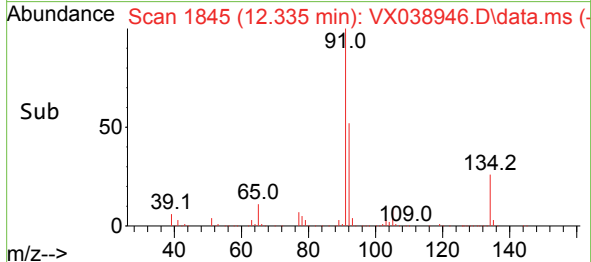
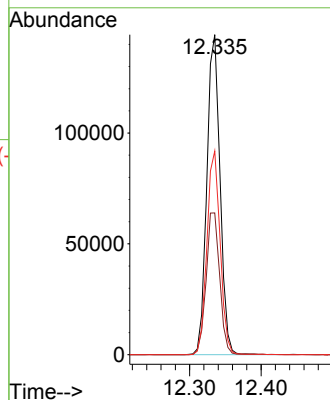
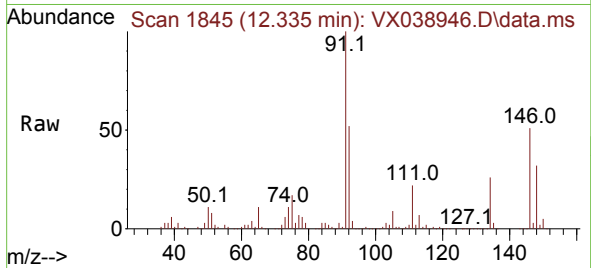




#91
1,2-Dichlorobenzene
Concen: 48.221 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

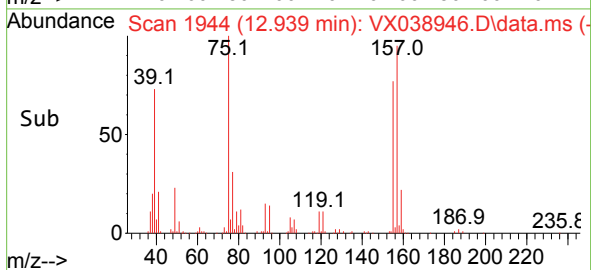
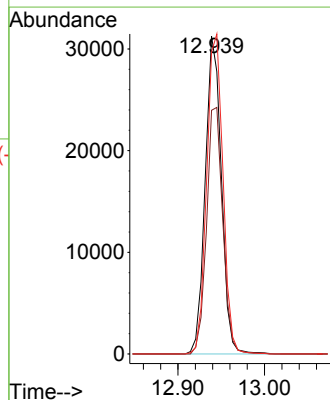
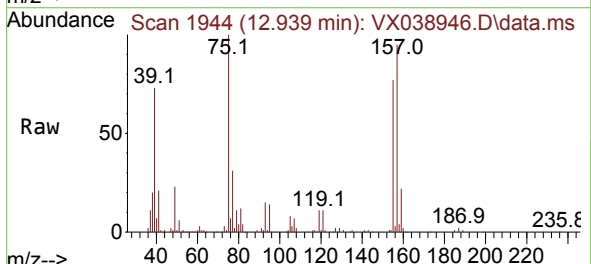
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

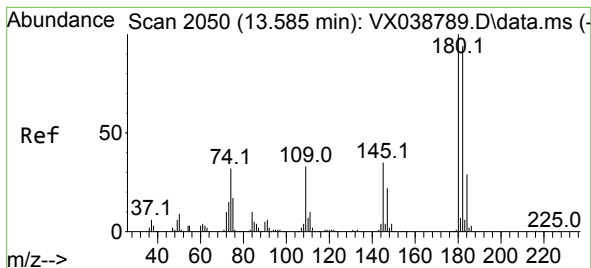
Tgt Ion:146 Resp: 185167
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 63.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.950 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion: 75 Resp: 40436
Ion Ratio Lower Upper
75 100
155 78.1 36.1 108.5
157 101.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.113 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

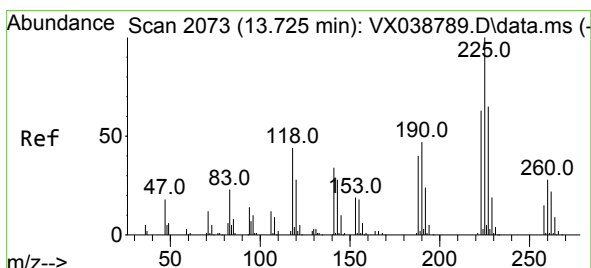
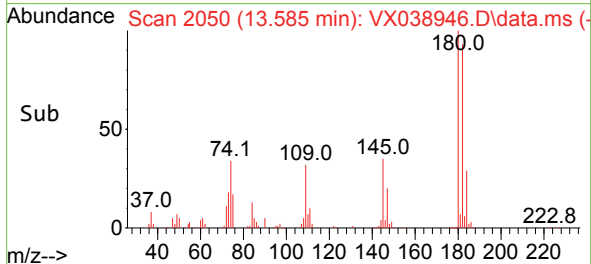
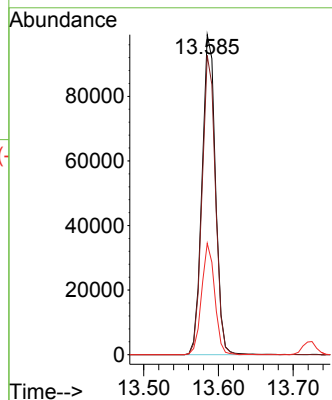
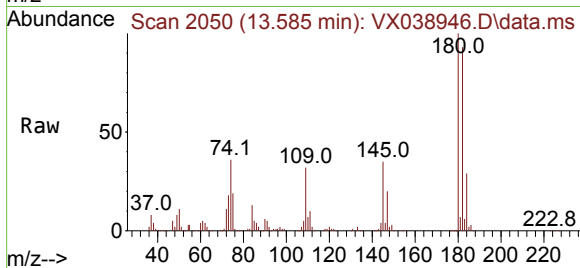
Tgt Ion:180 Resp: 123805

Ion Ratio Lower Upper

180 100

182 93.1 48.3 144.8

145 33.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 50.194 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038946.D

Acq: 20 Nov 2023 10:03

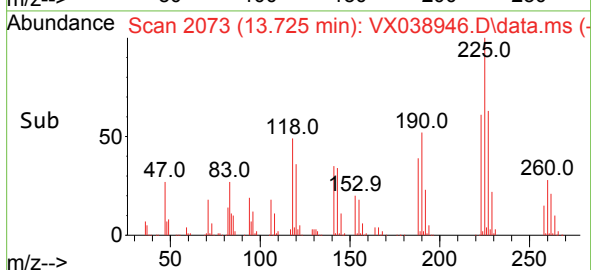
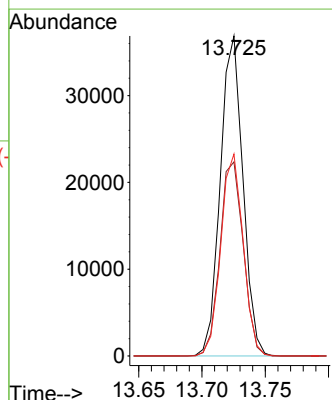
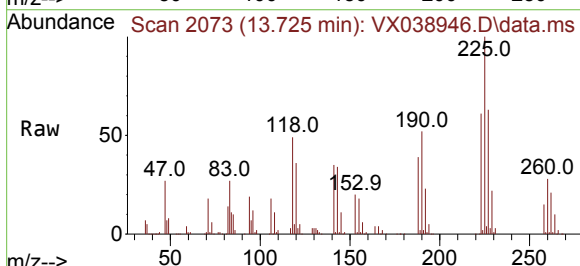
Tgt Ion:225 Resp: 45739

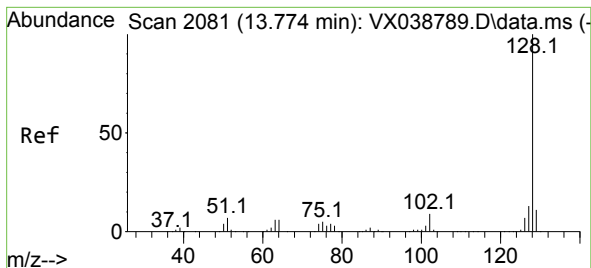
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 62.3 32.5 97.5

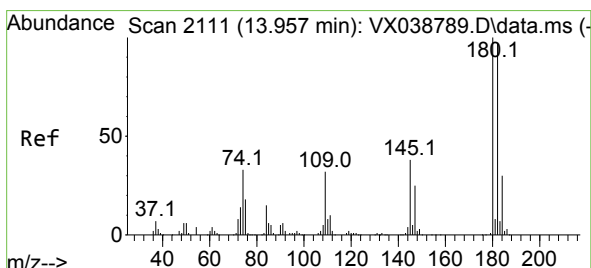
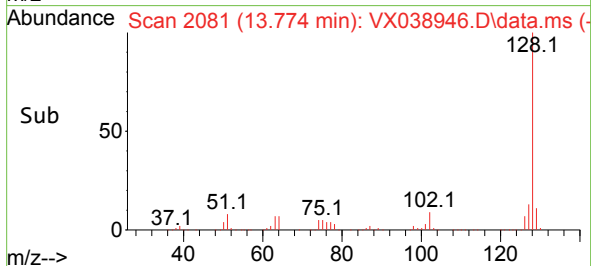
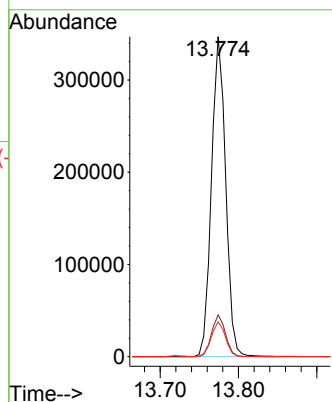
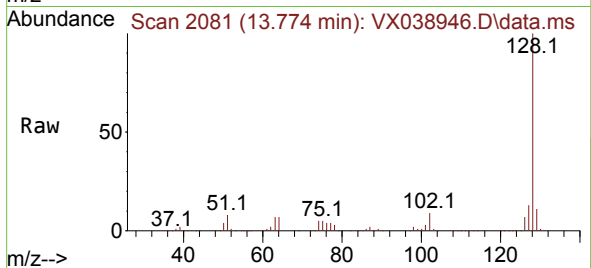




#95
Naphthalene
Concen: 45.491 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 435969
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.460 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038946.D
Acq: 20 Nov 2023 10:03

Tgt Ion:180 Resp: 118208
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 35.0 17.8 53.5

