

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040289.D
 Acq On : 16 Feb 2024 19:20
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 17 01:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53250	46.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.360%		
35) Dibromofluoromethane	5.391	113	42645	47.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.060%		
50) Toluene-d8	8.647	98	157339	46.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.780%		
62) 4-Bromofluorobenzene	11.079	95	65934	47.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42370	48.918	ug/l	99
3) Chloromethane	1.294	50	42862	47.989	ug/l	98
4) Vinyl Chloride	1.374	62	45732	48.452	ug/l	98
5) Bromomethane	1.599	94	29648	55.663	ug/l	100
6) Chloroethane	1.678	64	28623	48.083	ug/l	96
7) Trichlorofluoromethane	1.886	101	73738	48.647	ug/l	99
8) Diethyl Ether	2.136	74	27811	48.842	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	44271	54.449	ug/l	97
10) Methyl Iodide	2.453	142	51980	57.584	ug/l	91
11) Tert butyl alcohol	2.965	59	57916	260.649	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	40612	51.877	ug/l	90
13) Acrolein	2.233	56	51070	249.010	ug/l	100
14) Allyl chloride	2.666	41	69192	50.930	ug/l	96
15) Acrylonitrile	3.062	53	132770	267.054	ug/l	98
16) Acetone	2.379	43	110514	235.883	ug/l	93
17) Carbon Disulfide	2.514	76	95171	46.048	ug/l	99
18) Methyl Acetate	2.703	43	60000	47.772	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	148616	53.886	ug/l	100
20) Methylene Chloride	2.788	84	47832	54.606	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	43836	49.166	ug/l	92
22) Diisopropyl ether	3.763	45	151795	55.093	ug/l	89
23) Vinyl Acetate	3.721	43	699043	284.605	ug/l	97
24) 1,1-Dichloroethane	3.611	63	85980	53.572	ug/l	99
25) 2-Butanone	4.550	43	191097	260.937	ug/l	98
26) 2,2-Dichloropropane	4.471	77	61488	49.769	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	54692	53.772	ug/l	91
28) Bromochloromethane	4.897	49	36969	54.254	ug/l	93
29) Tetrahydrofuran	5.001	42	125840	263.749	ug/l	95
30) Chloroform	5.092	83	93807	54.060	ug/l	99
31) Cyclohexane	5.464	56	65823	48.376	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	77635	53.182	ug/l	99
36) 1,1-Dichloropropene	5.696	75	63916	50.322	ug/l	98
37) Ethyl Acetate	4.714	43	73925	52.307	ug/l	98
38) Carbon Tetrachloride	5.678	117	62728	51.942	ug/l	100
39) Methylcyclohexane	7.379	83	70639	47.856	ug/l	94
40) Benzene	6.037	78	185707	52.284	ug/l	100

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 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	41590	55.512	ug/l	94
42) 1,2-Dichloroethane	6.086	62	75097	54.092	ug/l	100
43) Isopropyl Acetate	6.336	43	120024	54.403	ug/l	99
44) Trichloroethene	7.122	130	49995	51.028	ug/l	99
45) 1,2-Dichloropropane	7.427	63	50985	55.149	ug/l	96
46) Dibromomethane	7.580	93	36960	54.283	ug/l	95
47) Bromodichloromethane	7.824	83	71807	54.734	ug/l	98
48) Methyl methacrylate	7.689	41	60155	53.288	ug/l	91
49) 1,4-Dioxane	7.659	88	25600	1042.419	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	414338	275.076	ug/l	100
52) Toluene	8.720	92	119938	51.552	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	77883	49.889	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	80717	54.898	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	53547	53.963	ug/l	95
56) Ethyl methacrylate	9.116	69	83028	55.892	ug/l	95
57) 1,3-Dichloropropane	9.305	76	88022	54.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	186936	266.012	ug/l	98
59) 2-Hexanone	9.427	43	330864	277.049	ug/l	100
60) Dibromochloromethane	9.518	129	57212	56.591	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56981	54.023	ug/l	99
64) Tetrachloroethene	9.275	164	44407	50.095	ug/l	98
65) Chlorobenzene	10.079	112	136795	51.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	49839	54.507	ug/l	99
67) Ethyl Benzene	10.195	91	247837	52.709	ug/l	99
68) m/p-Xylenes	10.299	106	188136	105.944	ug/l	99
69) o-Xylene	10.640	106	93282	54.056	ug/l	99
70) Styrene	10.652	104	159265	55.511	ug/l	99
71) Bromoform	10.799	173	42848	49.900	ug/l #	99
73) Isopropylbenzene	10.963	105	253235	51.083	ug/l	100
74) N-amyl acetate	10.841	43	117192	55.152	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	93842	52.690	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99991	70.155	ug/l	90
77) Bromobenzene	11.195	156	61496	52.523	ug/l	95
78) n-propylbenzene	11.305	91	311987	51.983	ug/l	98
79) 2-Chlorotoluene	11.366	91	184651	50.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	218344	52.317	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23881	47.260	ug/l	98
82) 4-Chlorotoluene	11.451	91	215103	50.094	ug/l	100
83) tert-Butylbenzene	11.713	119	209012	51.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	215900	51.133	ug/l	99
85) sec-Butylbenzene	11.890	105	272612	51.843	ug/l	99
86) p-Isopropyltoluene	12.006	119	222430	51.603	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	121130	52.214	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	120945	49.233	ug/l	98
89) n-Butylbenzene	12.329	91	210565	50.606	ug/l	98
90) Hexachloroethane	12.536	117	37063	54.512	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	116531	51.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22356	54.386	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	77956	50.702	ug/l	97
94) Hexachlorobutadiene	13.725	225	29647	48.314	ug/l	98
95) Naphthalene	13.774	128	256689	52.860	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77021	52.554	ug/l	97

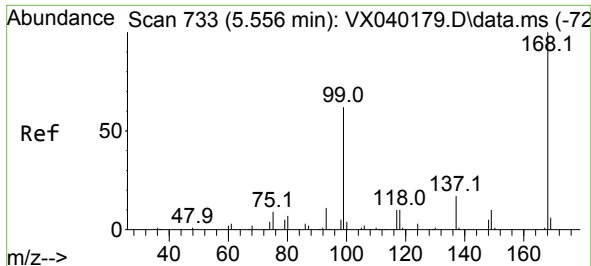
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
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Instrument :
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Response via : Initial Calibration

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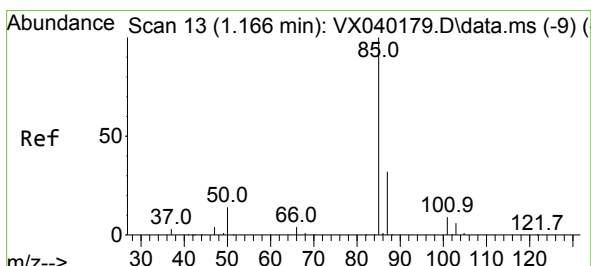
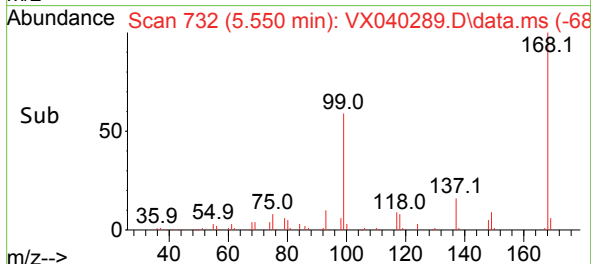
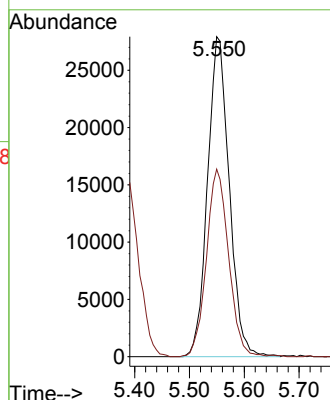
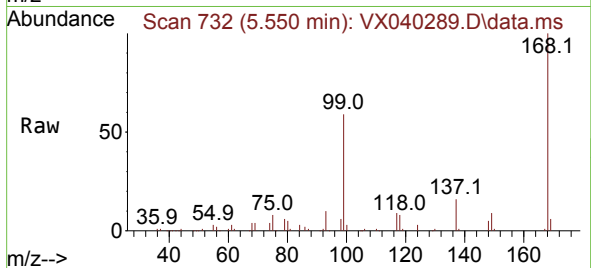
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

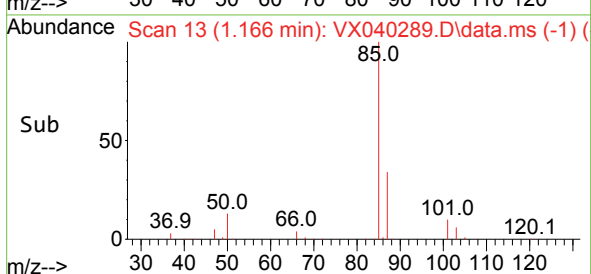
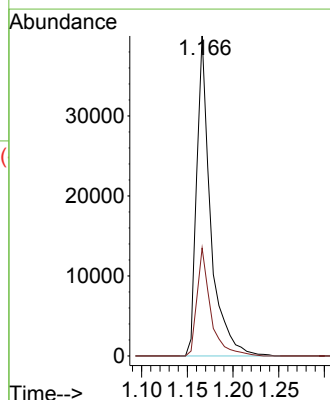
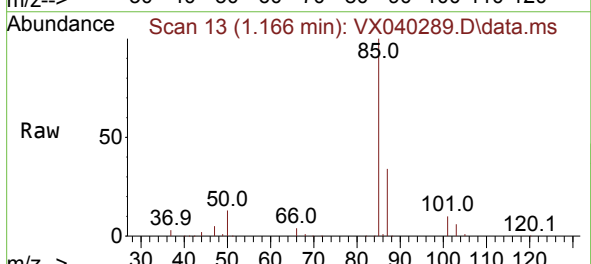
Instrument :
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ClientSampleId :
VSTDCCC050EC

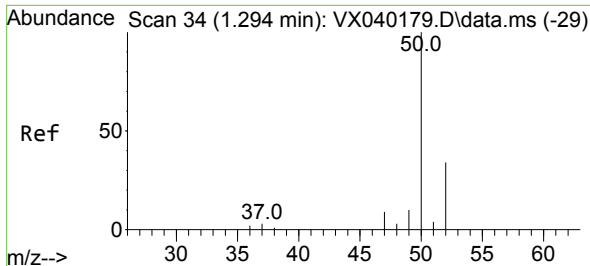
Tgt Ion:168 Resp: 76678
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 48.918 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 85 Resp: 42370
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1

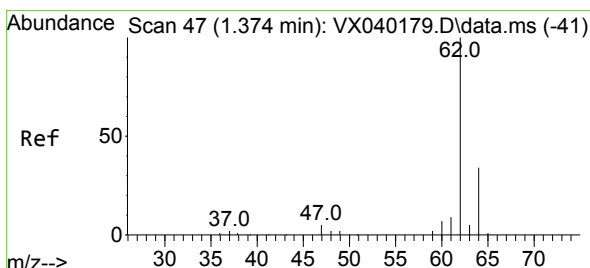
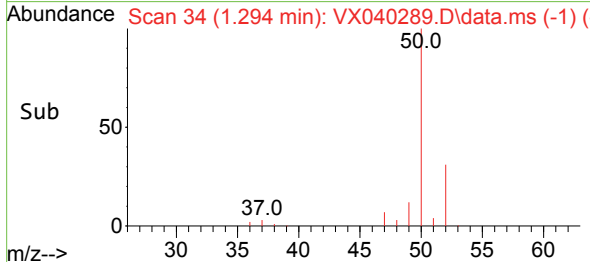
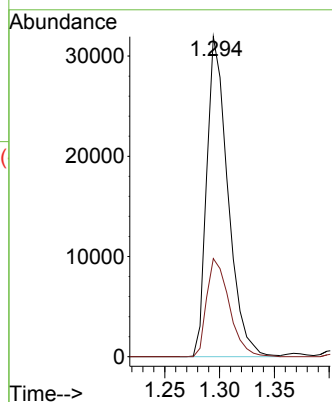
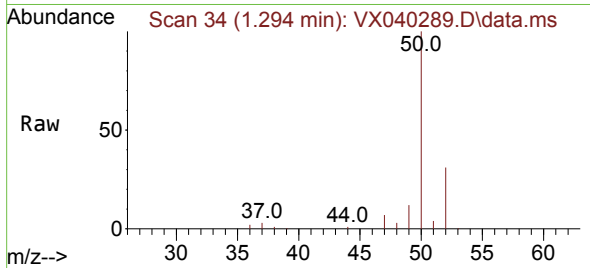




#3
Chloromethane
Concen: 47.989 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

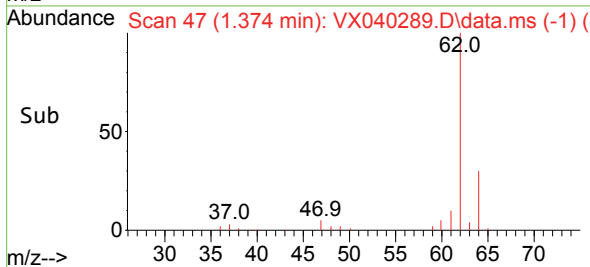
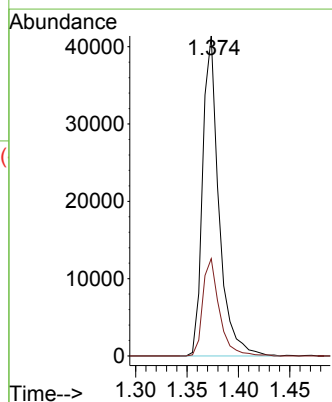
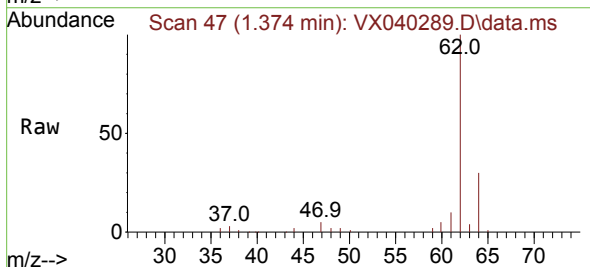
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

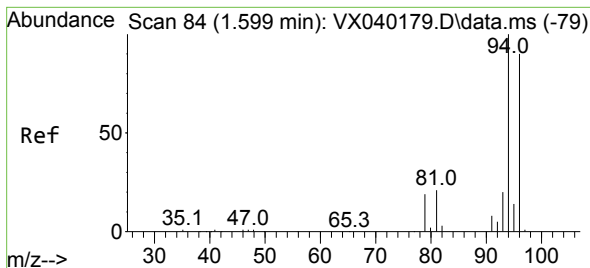
Tgt Ion: 50 Resp: 42862
Ion Ratio Lower Upper
50 100
52 30.7 25.5 38.3



#4
Vinyl Chloride
Concen: 48.452 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 62 Resp: 45732
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5

Bromomethane

Concen: 55.663 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

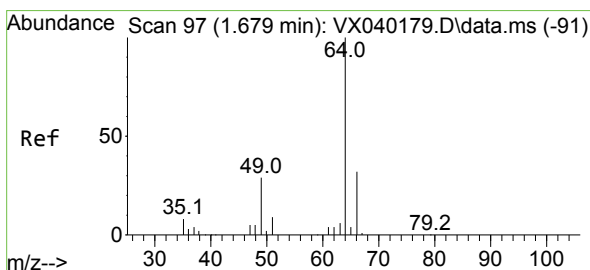
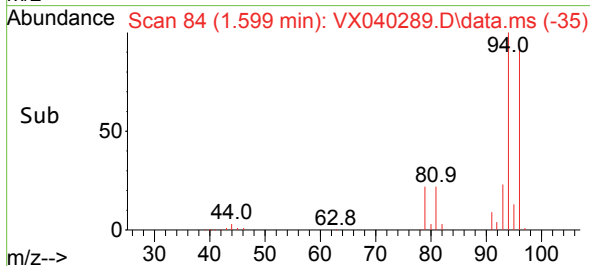
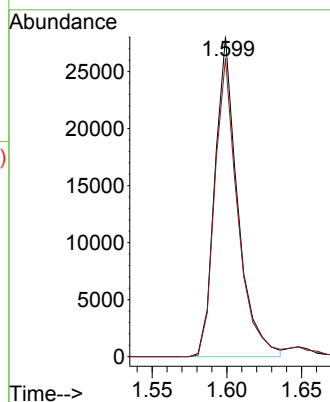
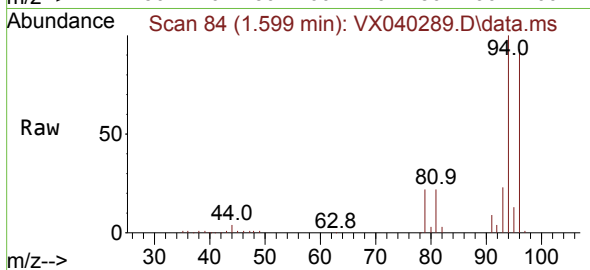
VSTDCCC050EC

Tgt Ion: 94 Resp: 29648

Ion Ratio Lower Upper

94 100

96 93.2 74.6 111.8



#6

Chloroethane

Concen: 48.083 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.000 min

Lab File: VX040289.D

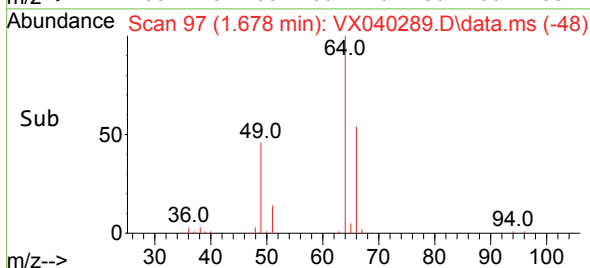
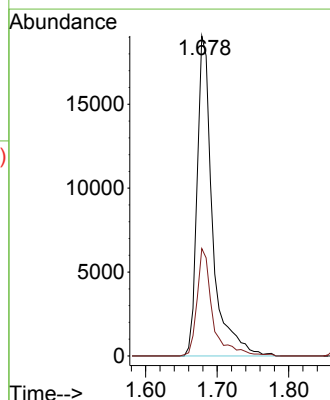
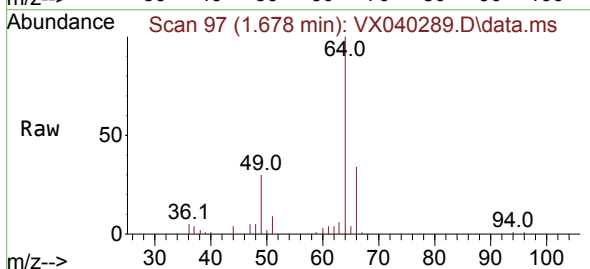
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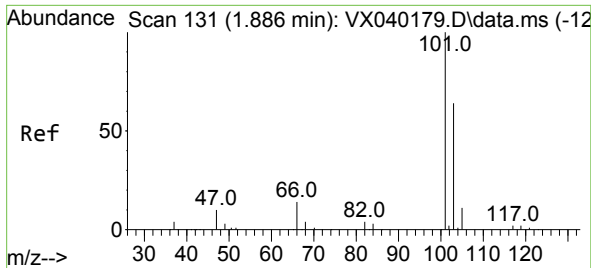
Tgt Ion: 64 Resp: 28623

Ion Ratio Lower Upper

64 100

66 33.6 25.1 37.7

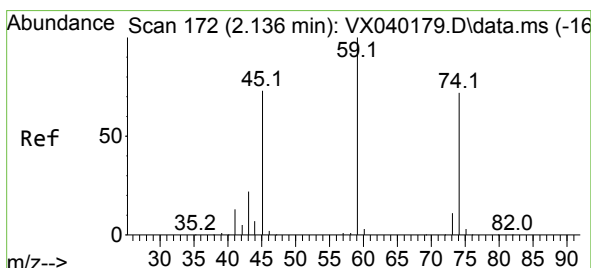
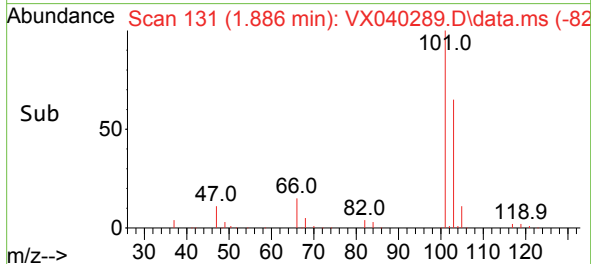
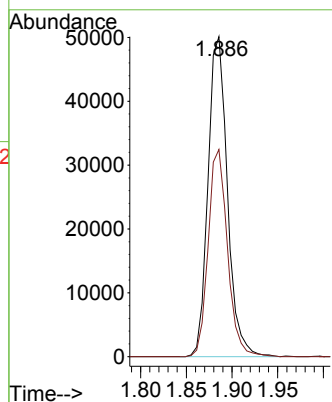
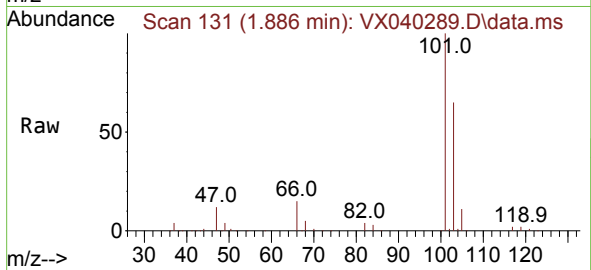




#7
 Trichlorofluoromethane
 Concen: 48.647 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040289.D
 Acq: 16 Feb 2024 19:20

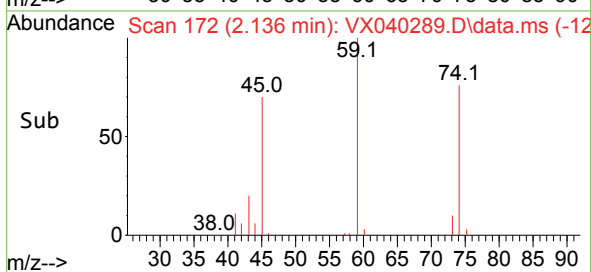
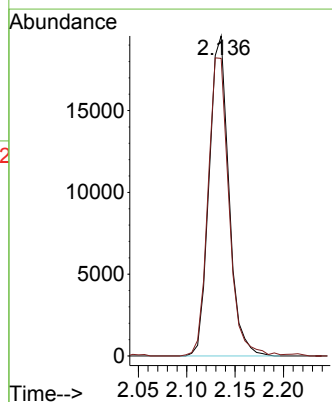
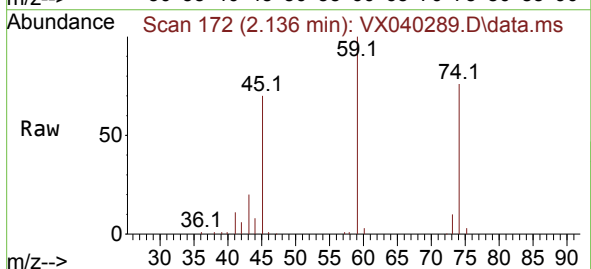
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

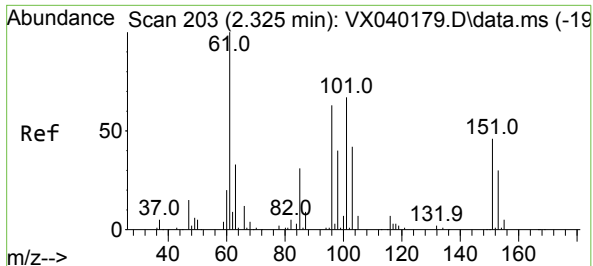
Tgt Ion:101 Resp: 73738
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 48.842 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX040289.D
 Acq: 16 Feb 2024 19:20

Tgt Ion: 74 Resp: 27811
 Ion Ratio Lower Upper
 74 100
 45 98.9 53.3 159.8

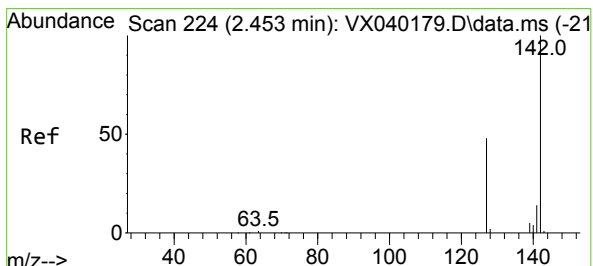
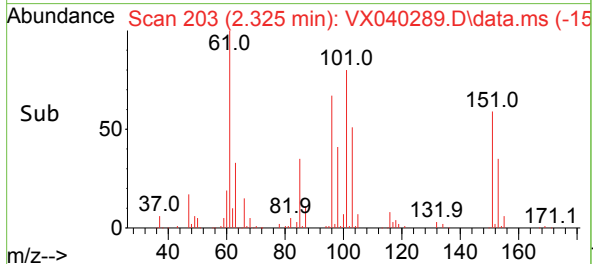
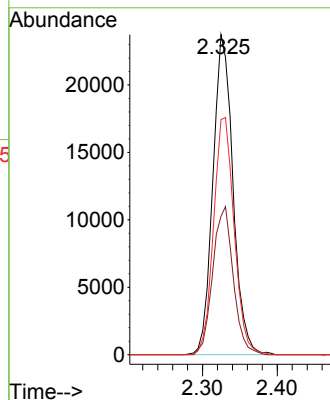
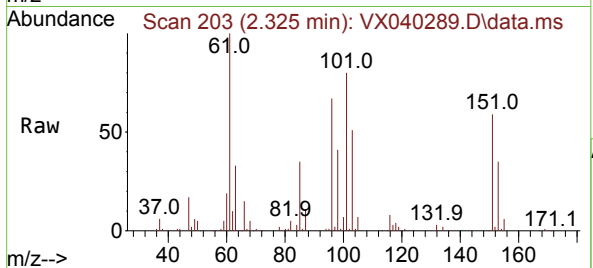




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.449 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040289.D
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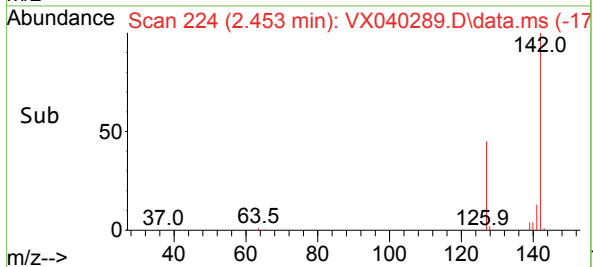
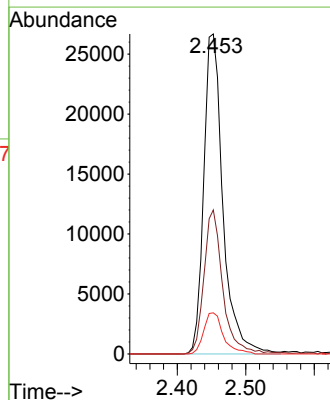
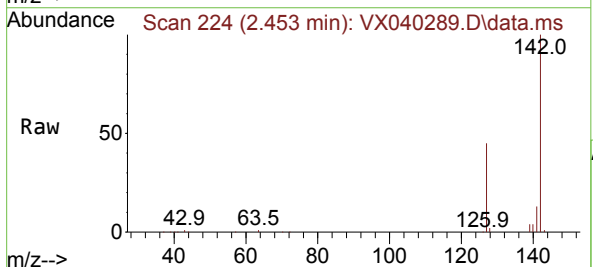
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

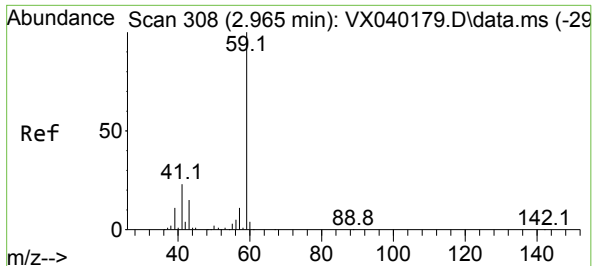
Tgt Ion:101 Resp: 44271
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 76.1 58.6 87.8



#10
Methyl Iodide
Concen: 57.584 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion:142 Resp: 51980
Ion Ratio Lower Upper
142 100
127 44.4 41.6 62.4
141 13.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 260.649 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

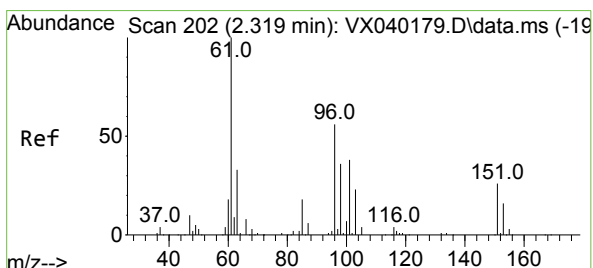
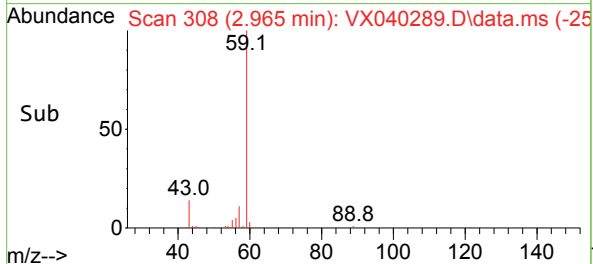
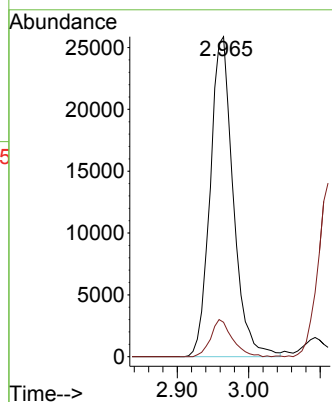
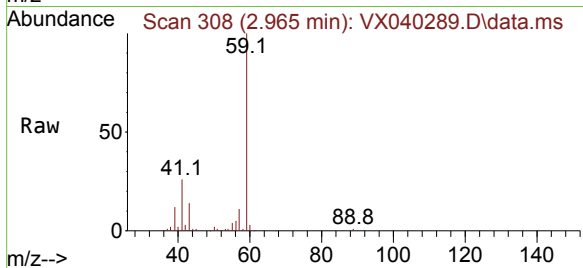
VSTDCCC050EC

Tgt Ion: 59 Resp: 57916

Ion Ratio Lower Upper

59 100

57 10.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 51.877 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

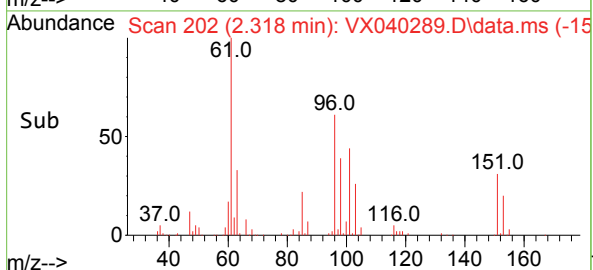
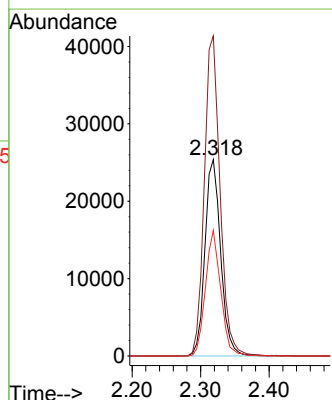
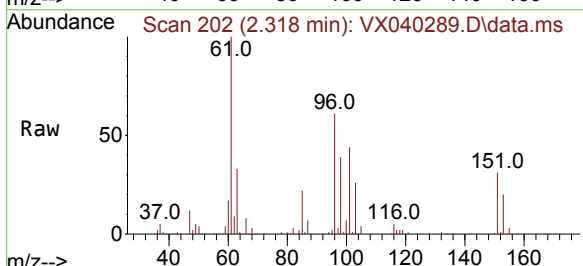
Tgt Ion: 96 Resp: 40612

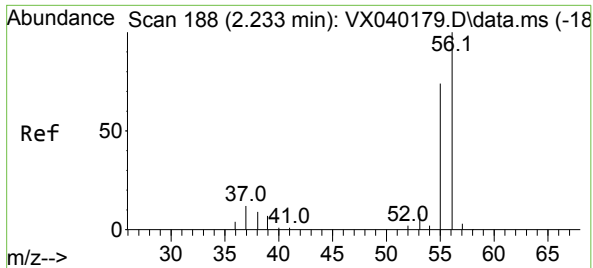
Ion Ratio Lower Upper

96 100

61 162.9 144.6 216.8

98 63.9 50.4 75.6





#13

Acrolein

Concen: 249.010 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

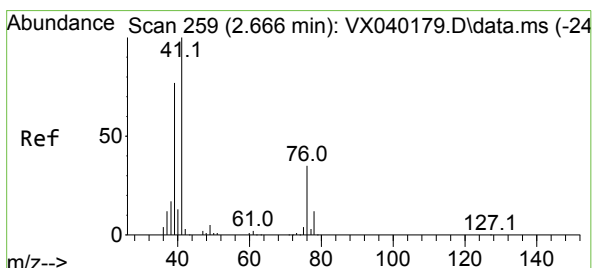
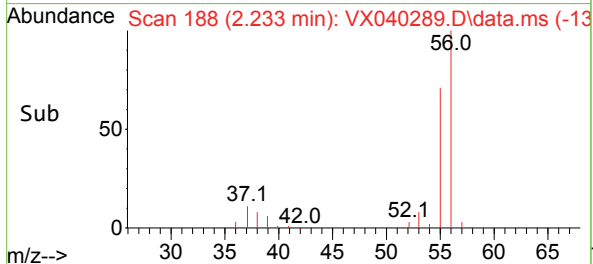
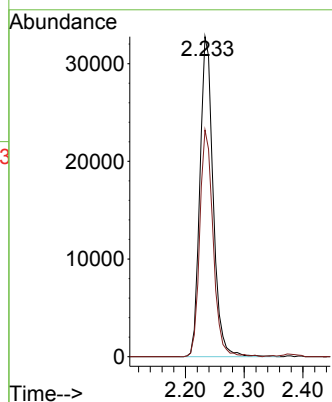
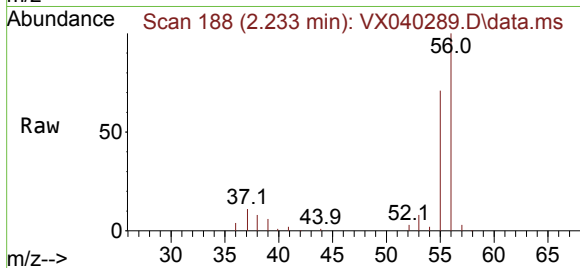
VSTDCCC050EC

Tgt Ion: 56 Resp: 51070

Ion Ratio Lower Upper

56 100

55 71.7 57.1 85.7



#14

Allyl chloride

Concen: 50.930 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

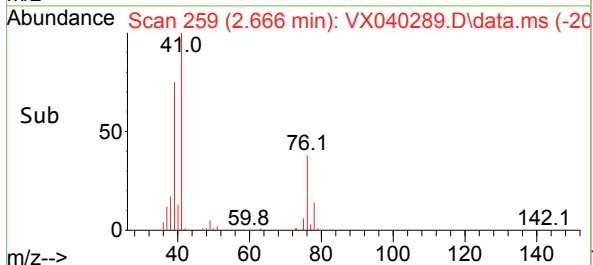
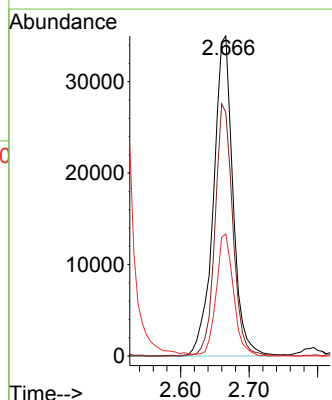
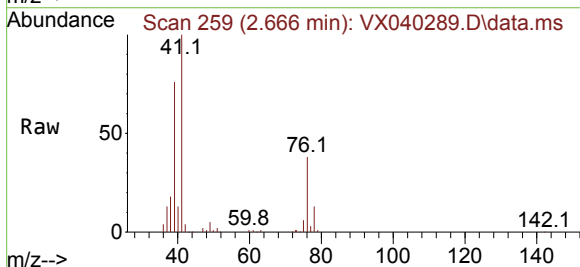
Tgt Ion: 41 Resp: 69192

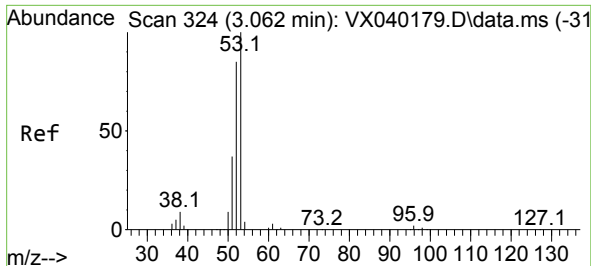
Ion Ratio Lower Upper

41 100

39 71.7 55.8 83.6

76 33.8 24.3 36.5

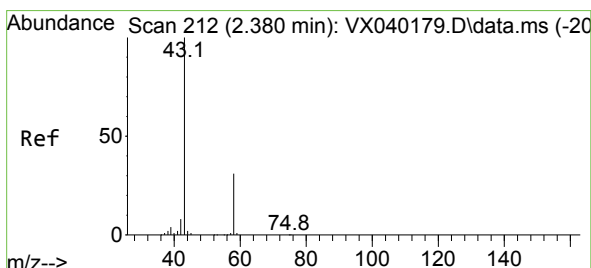
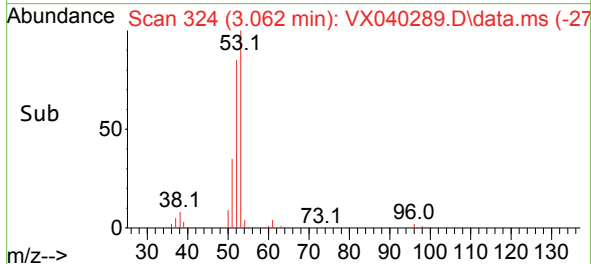
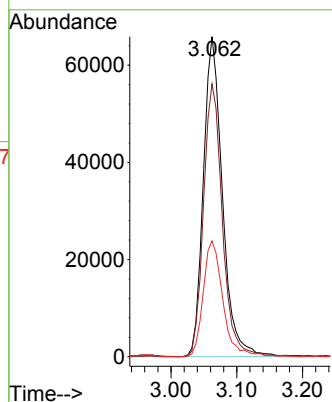
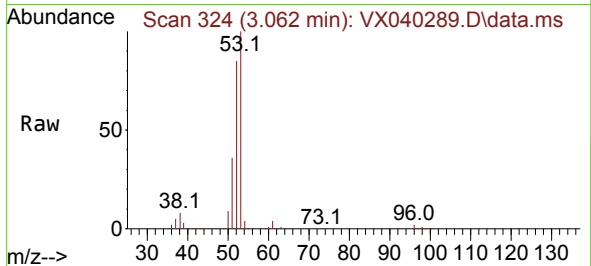




#15
Acrylonitrile
Concen: 267.054 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

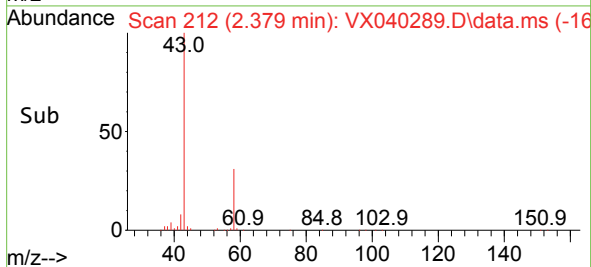
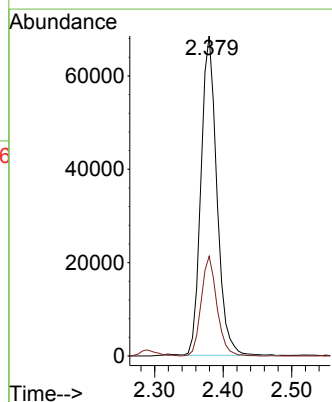
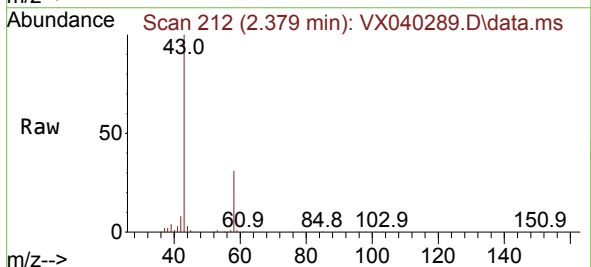
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

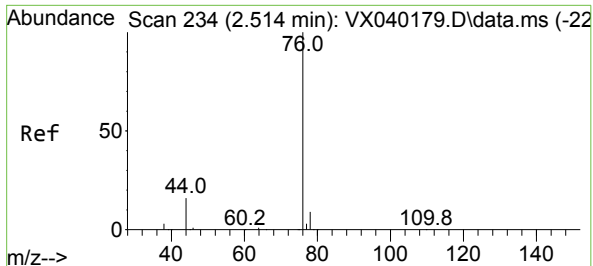
Tgt Ion: 53 Resp: 132770
Ion Ratio Lower Upper
53 100
52 84.6 66.0 99.0
51 37.4 29.8 44.6



#16
Acetone
Concen: 235.883 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 43 Resp: 110514
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





#17

Carbon Disulfide

Concen: 46.048 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

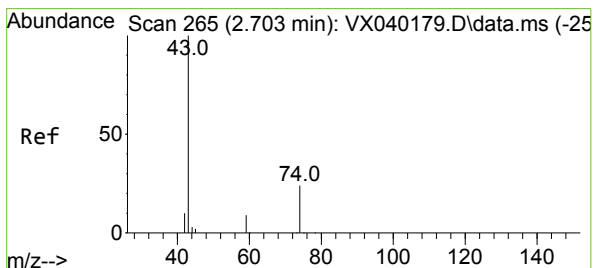
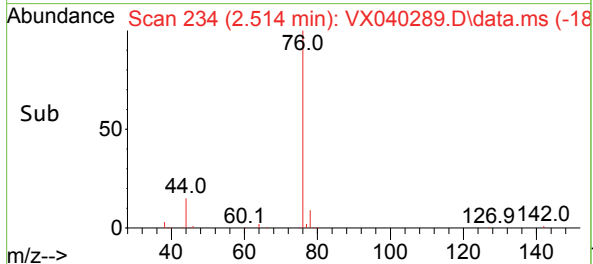
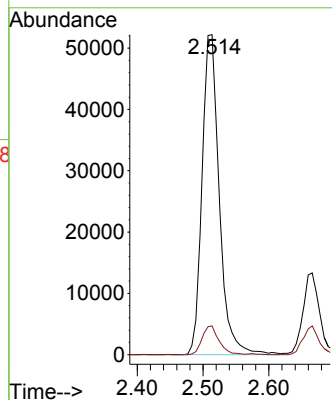
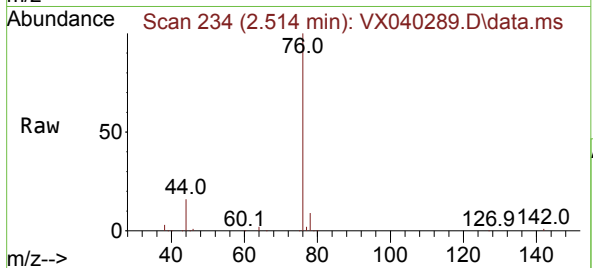
VSTDCCC050EC

Tgt Ion: 76 Resp: 95171

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 47.772 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040289.D

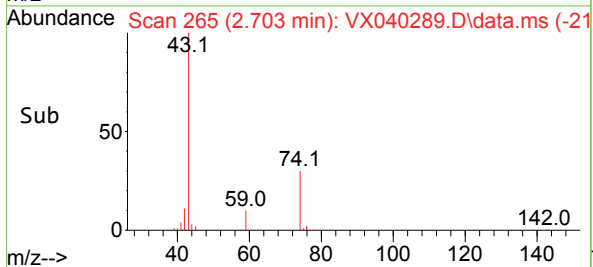
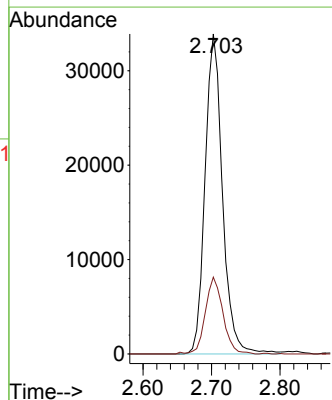
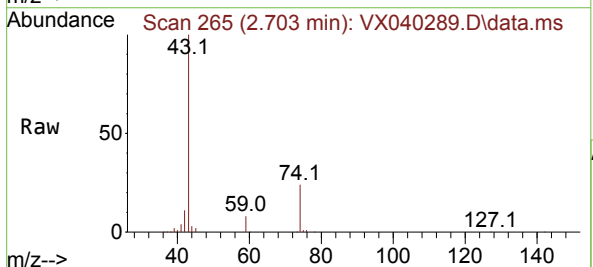
Acq: 16 Feb 2024 19:20

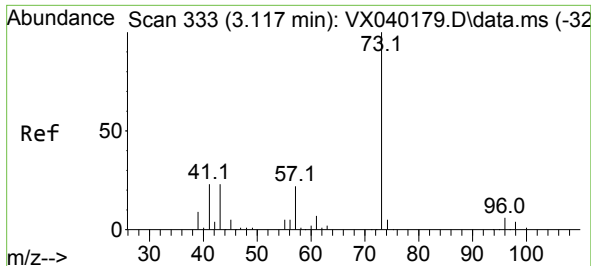
Tgt Ion: 43 Resp: 60000

Ion Ratio Lower Upper

43 100

74 24.3 17.8 26.8

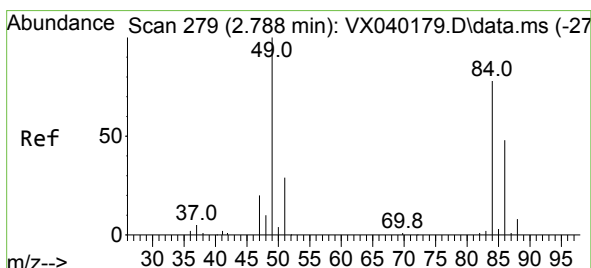
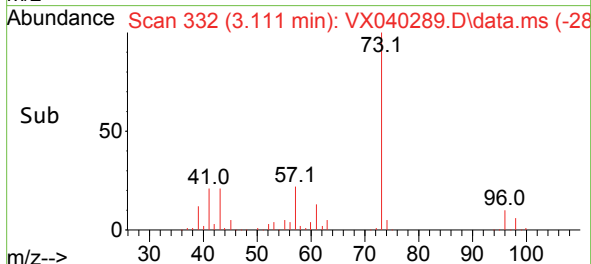
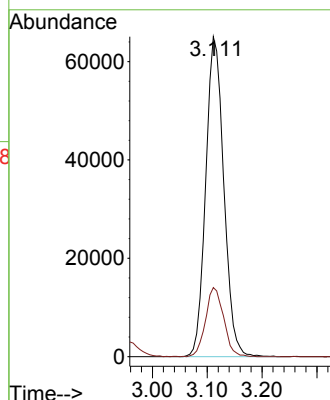
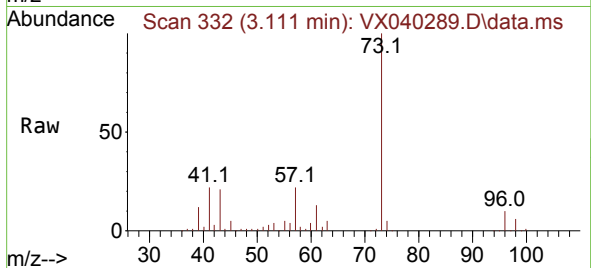




#19
Methyl tert-butyl Ether
Concen: 53.886 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

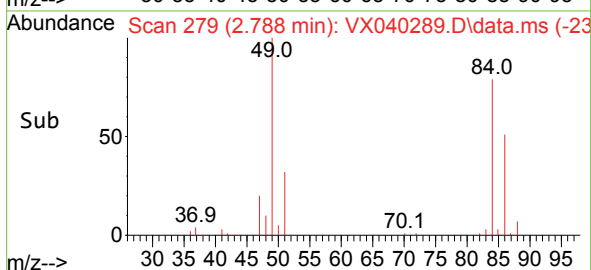
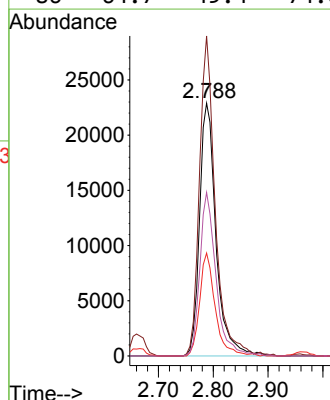
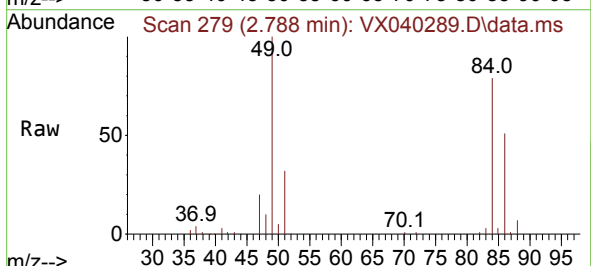
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

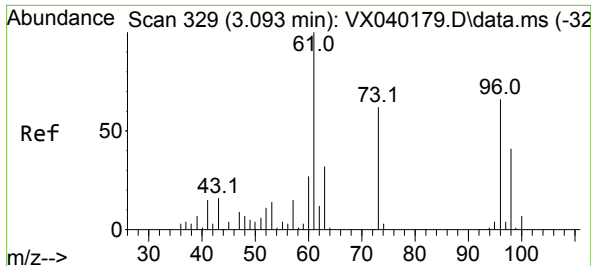
Tgt Ion: 73 Resp: 148616
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 54.606 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 84 Resp: 47832
Ion Ratio Lower Upper
84 100
49 126.6 103.6 155.4
51 40.7 33.8 50.6
86 64.7 49.4 74.0

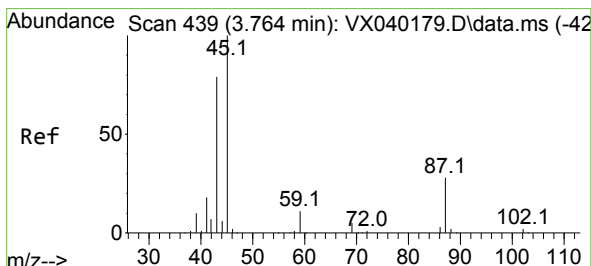
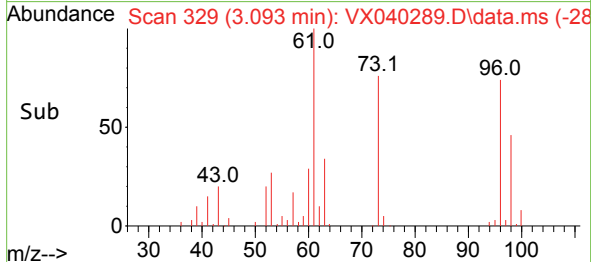
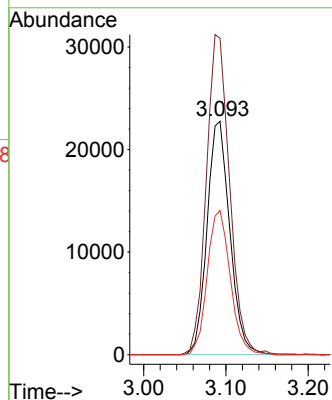
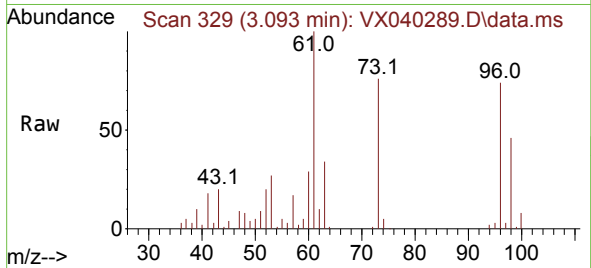




#21
trans-1,2-Dichloroethene
Concen: 49.166 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

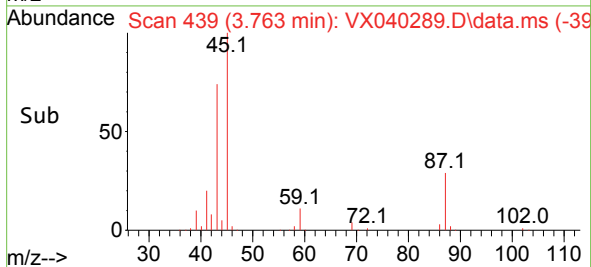
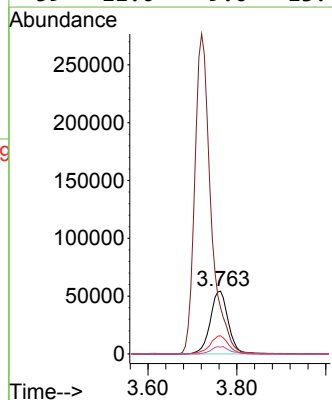
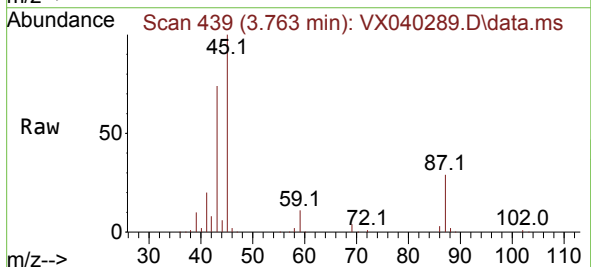
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

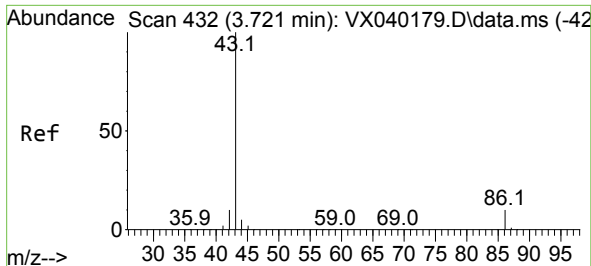
Tgt Ion: 96 Resp: 43836
Ion Ratio Lower Upper
96 100
61 135.6 119.2 178.8
98 61.8 48.7 73.1



#22
Diisopropyl ether
Concen: 55.093 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 45 Resp: 151795
Ion Ratio Lower Upper
45 100
43 73.7 69.7 104.5
87 28.9 20.8 31.2
59 11.0 9.0 13.4

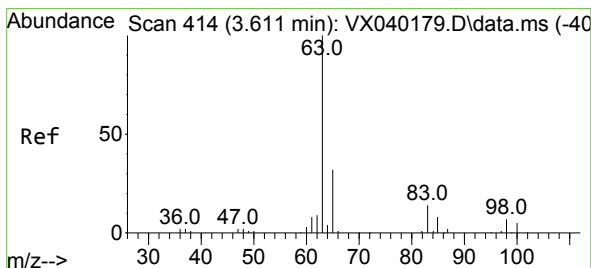
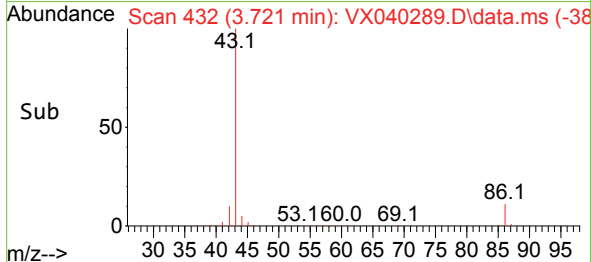
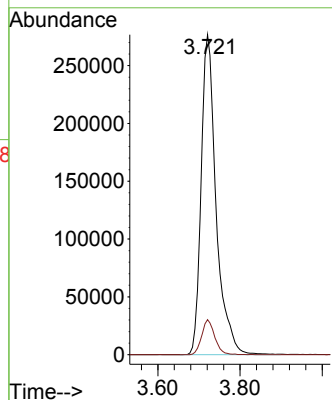
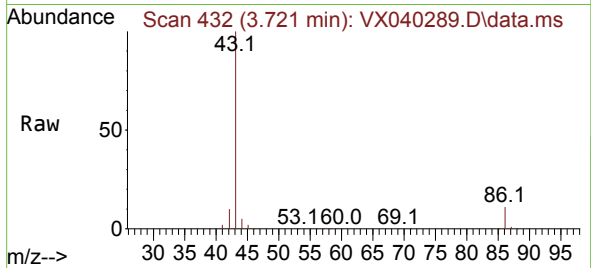




#23
 Vinyl Acetate
 Concen: 284.605 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040289.D
 Acq: 16 Feb 2024 19:20

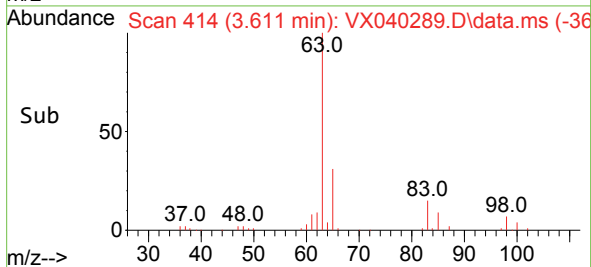
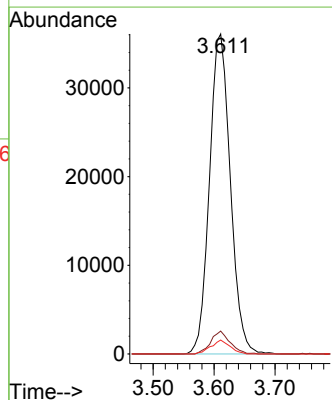
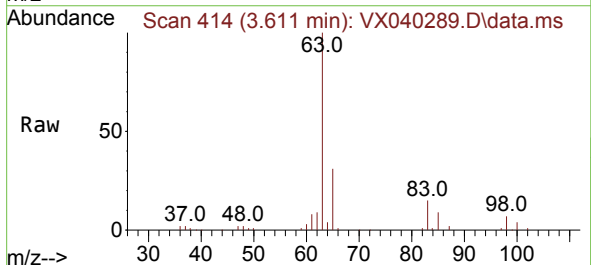
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

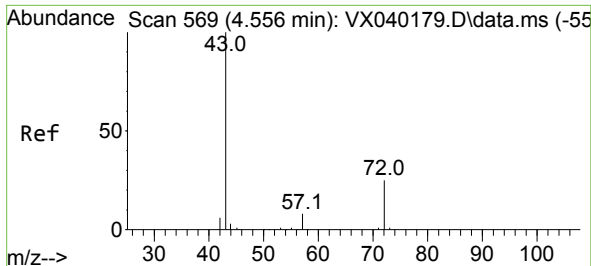
Tgt Ion: 43 Resp: 699043
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.572 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040289.D
 Acq: 16 Feb 2024 19:20

Tgt Ion: 63 Resp: 85980
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.3 2.1 6.5

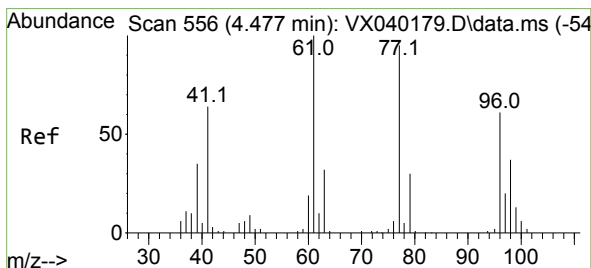
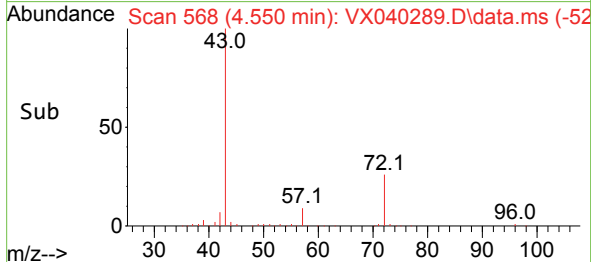
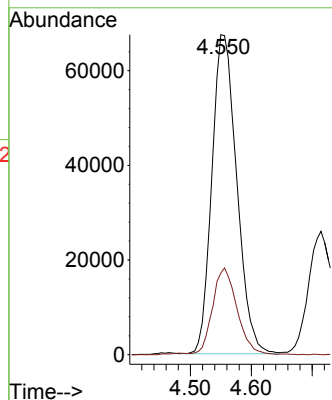
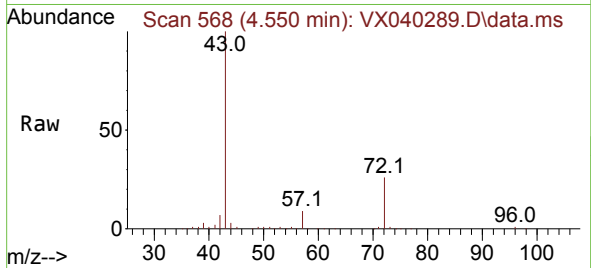




#25
2-Butanone
Concen: 260.937 ug/l
RT: 4.550 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

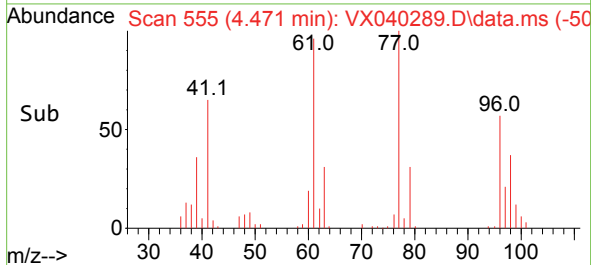
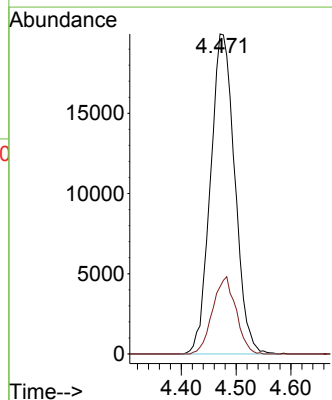
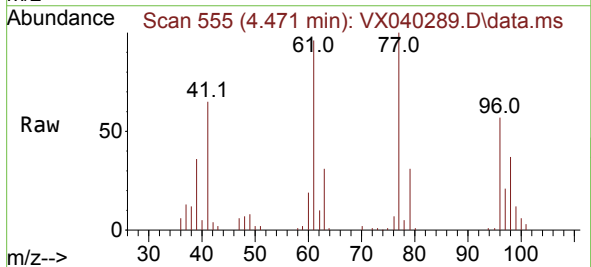
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

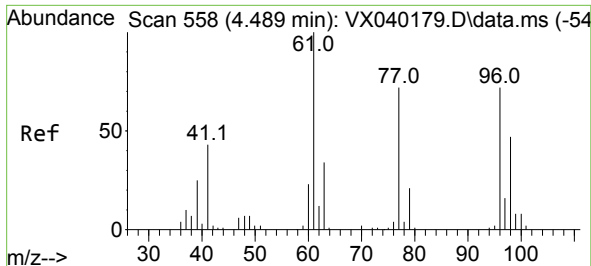
Tgt Ion: 43 Resp: 191097
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 49.769 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 77 Resp: 61488
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.772 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

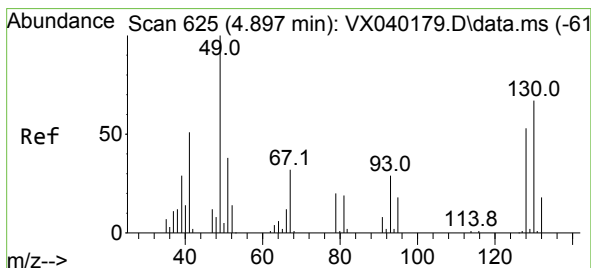
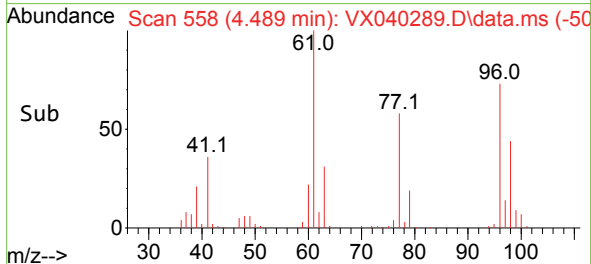
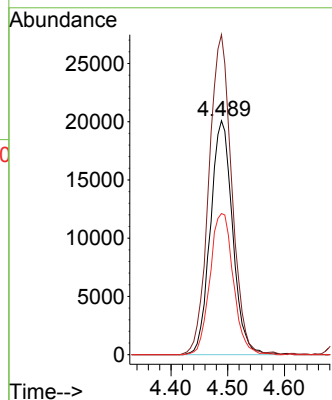
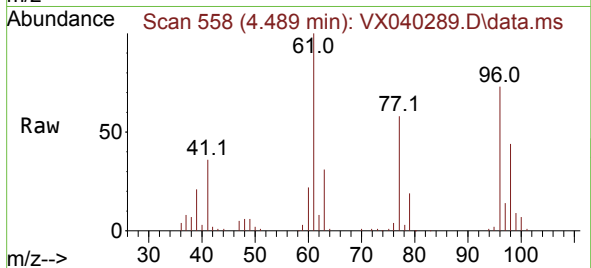
Tgt Ion: 96 Resp: 54692

Ion Ratio Lower Upper

96 100

61 140.1 0.0 312.2

98 63.3 0.0 129.0



#28

Bromochloromethane

Concen: 54.254 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

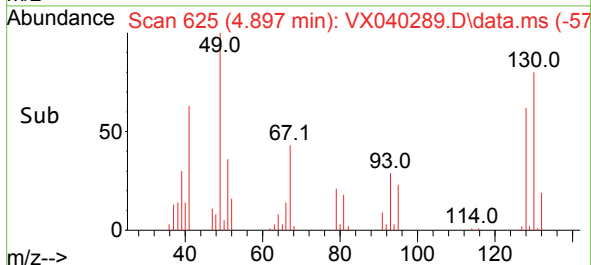
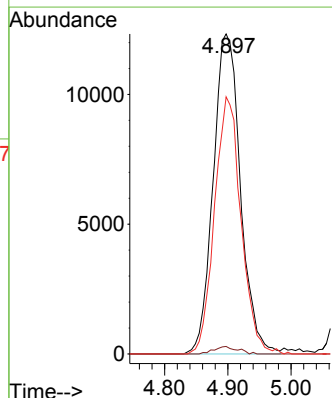
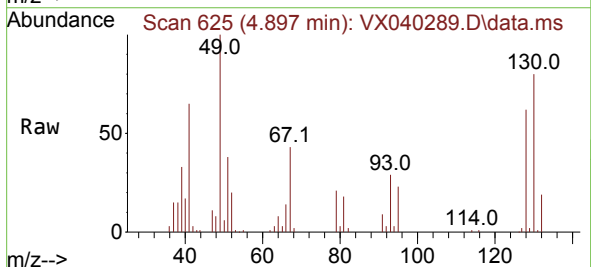
Tgt Ion: 49 Resp: 36969

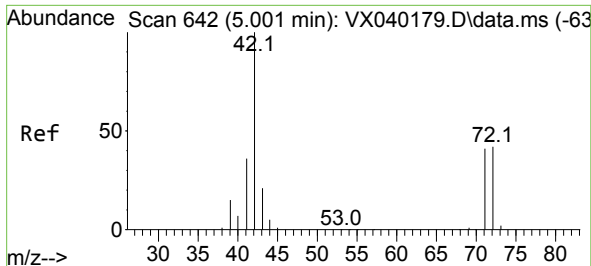
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 78.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 263.749 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

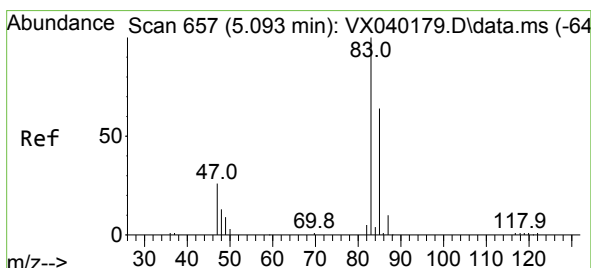
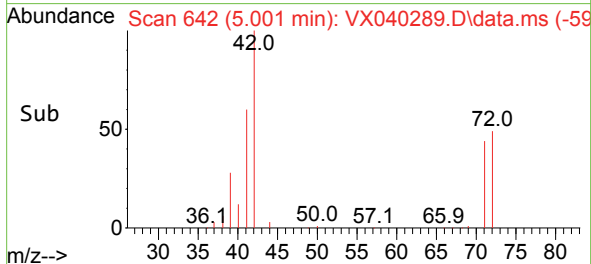
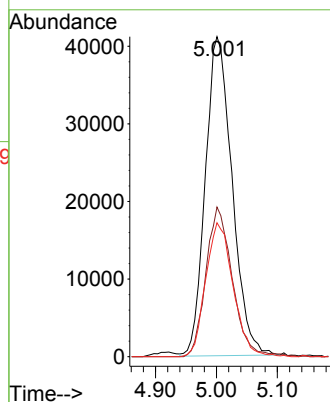
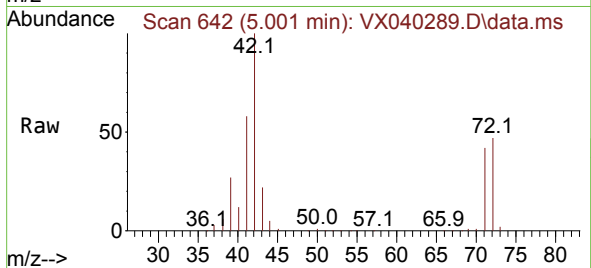
Tgt Ion: 42 Resp: 125840

Ion Ratio Lower Upper

42 100

72 46.3 34.2 51.4

71 42.9 32.2 48.2



#30

Chloroform

Concen: 54.060 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040289.D

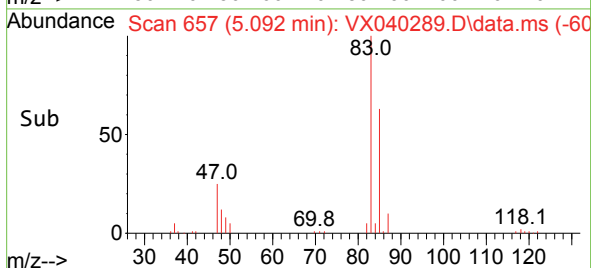
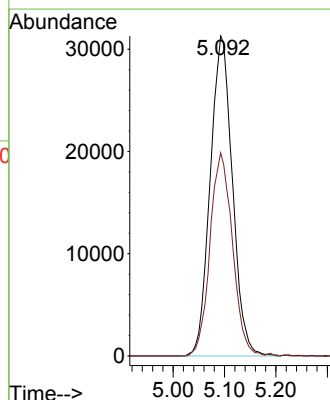
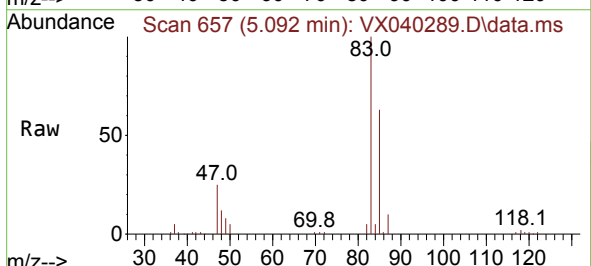
Acq: 16 Feb 2024 19:20

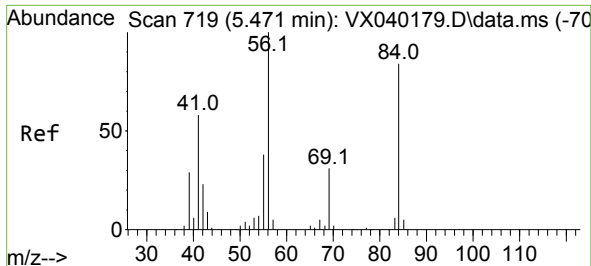
Tgt Ion: 83 Resp: 93807

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

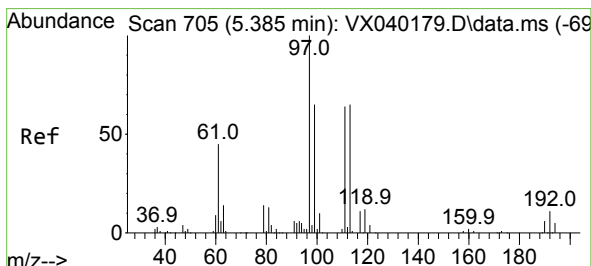
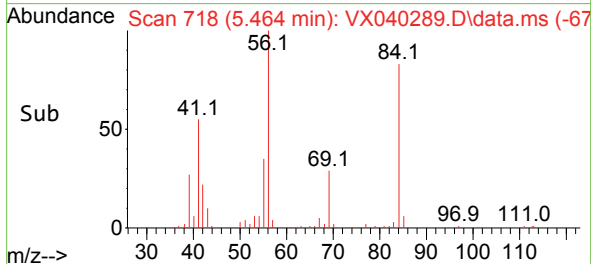
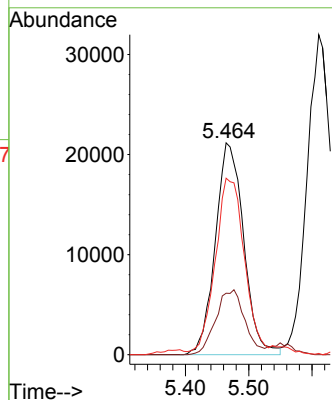
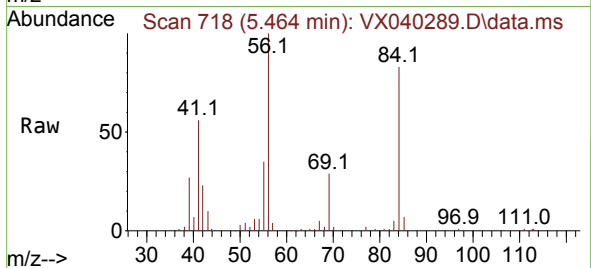




#31
Cyclohexane
Concen: 48.376 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

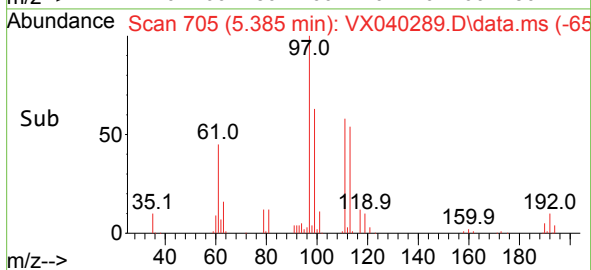
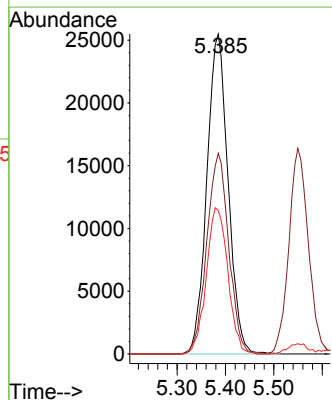
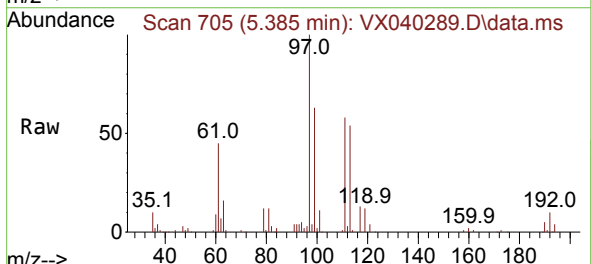
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

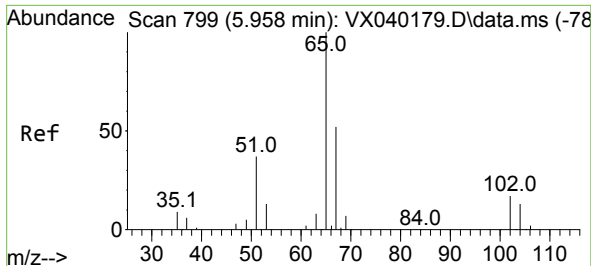
Tgt Ion: 56 Resp: 65823
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.2
84 81.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 53.182 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 97 Resp: 77635
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 46.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.680 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

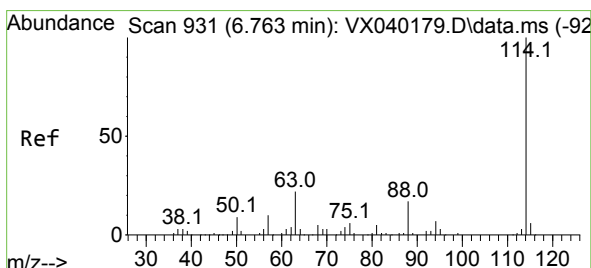
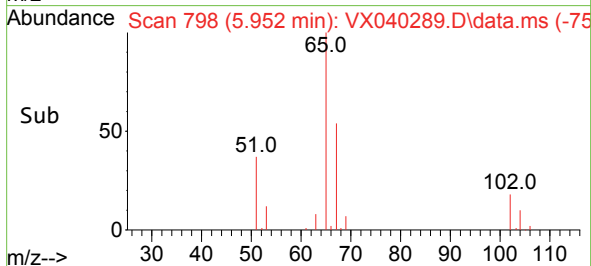
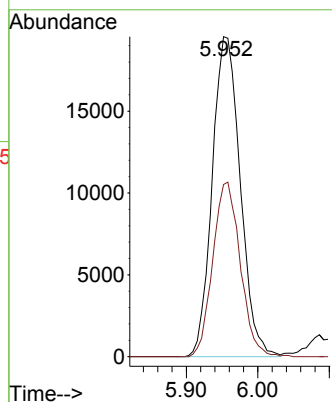
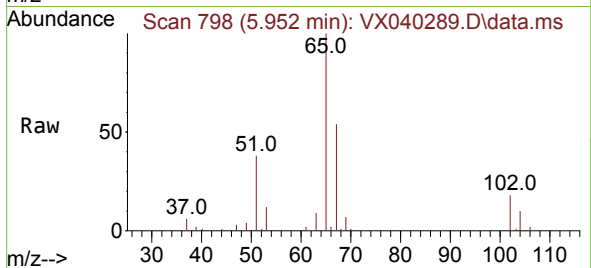
VSTDCCC050EC

Tgt Ion: 65 Resp: 53250

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

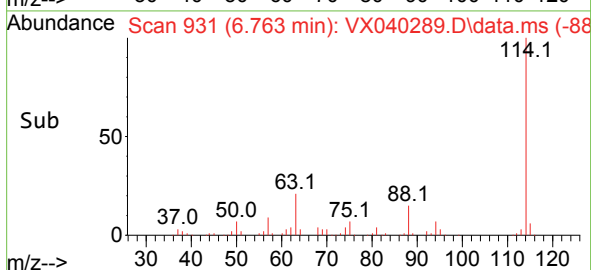
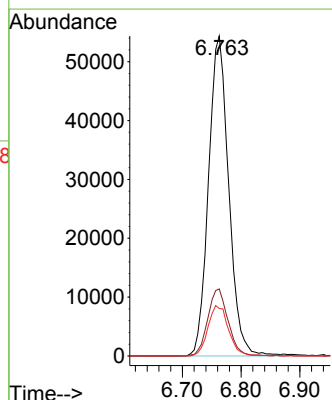
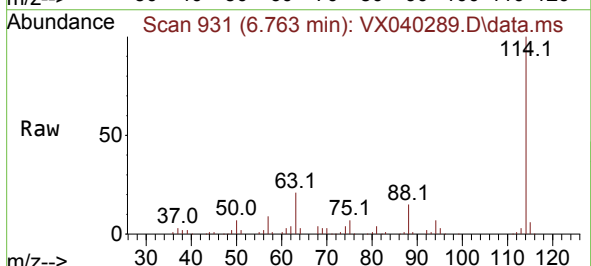
Tgt Ion: 114 Resp: 129836

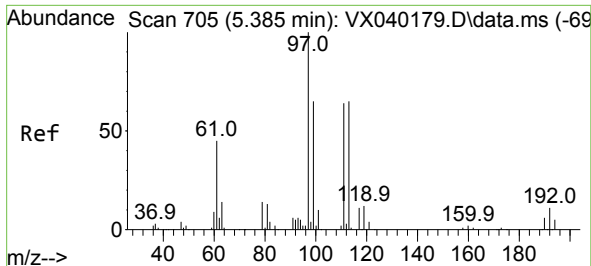
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 14.9 0.0 36.6

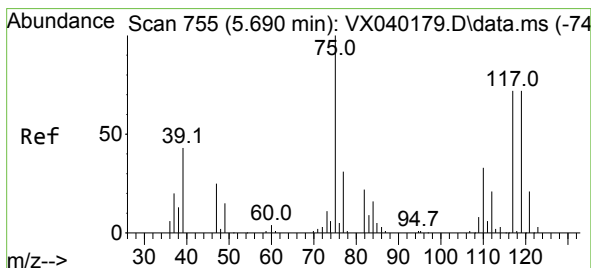
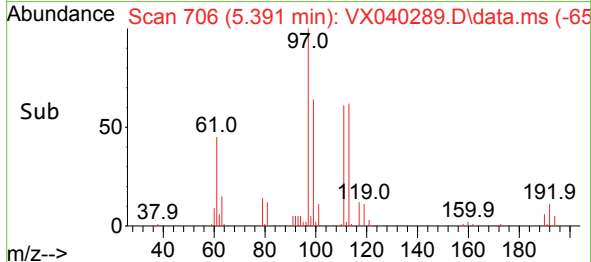
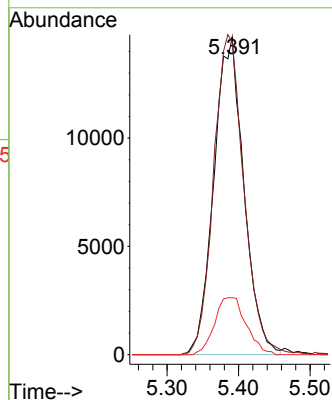
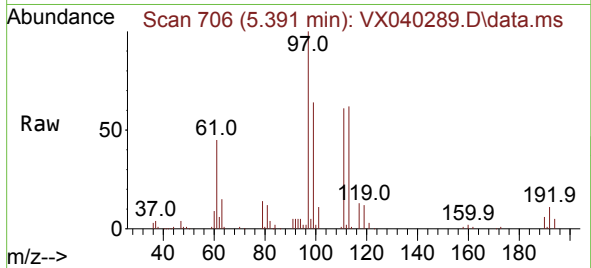




#35
Dibromofluoromethane
Concen: 47.033 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

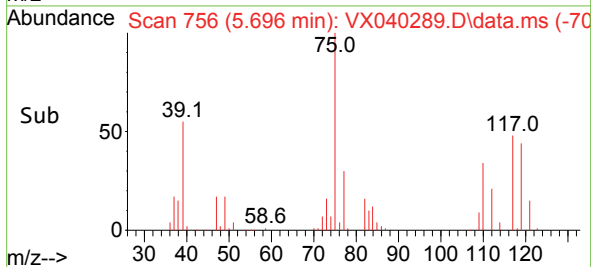
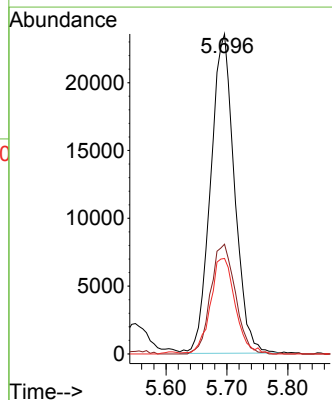
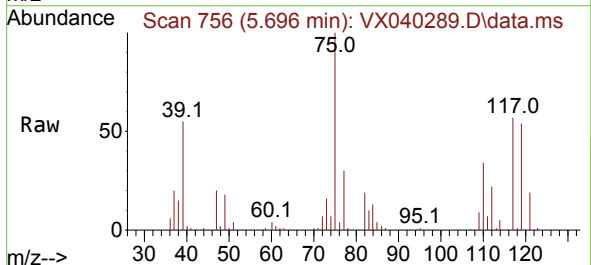
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

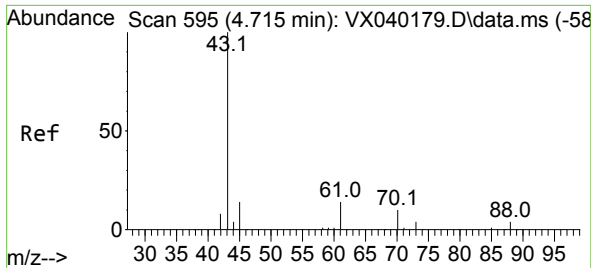
Tgt Ion:113 Resp: 42645
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 50.322 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 75 Resp: 63916
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 52.307 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

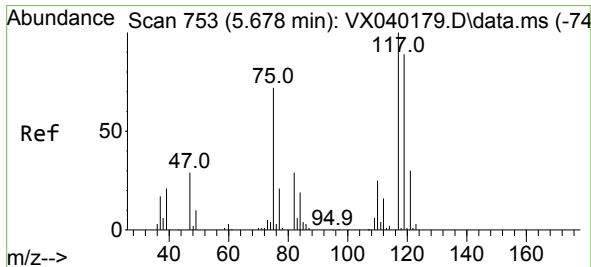
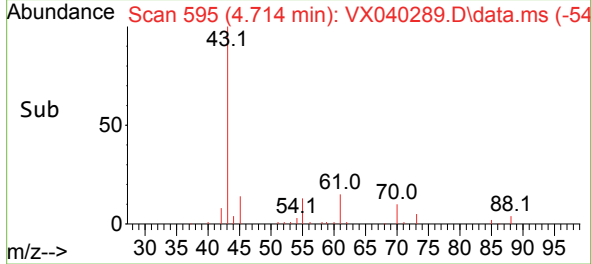
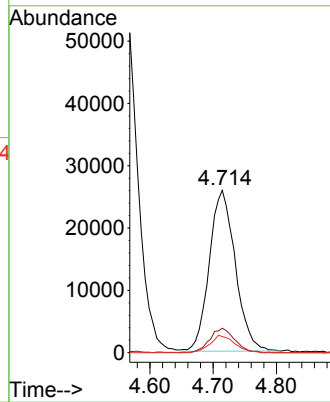
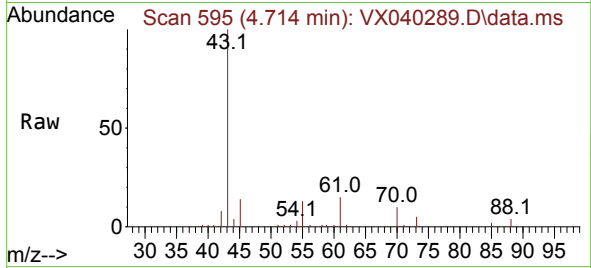
Tgt Ion: 43 Resp: 73925

Ion Ratio Lower Upper

43 100

61 14.6 10.6 16.0

70 10.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.942 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

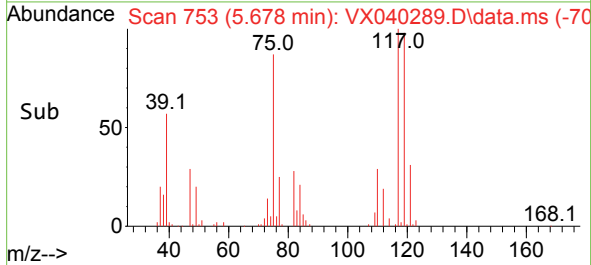
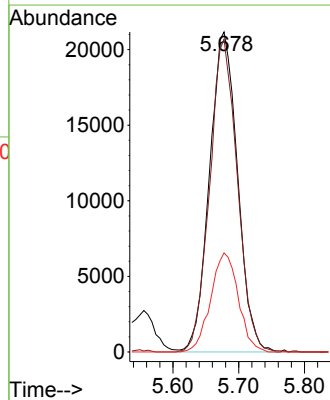
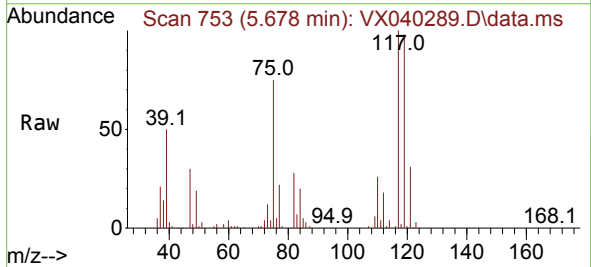
Tgt Ion: 117 Resp: 62728

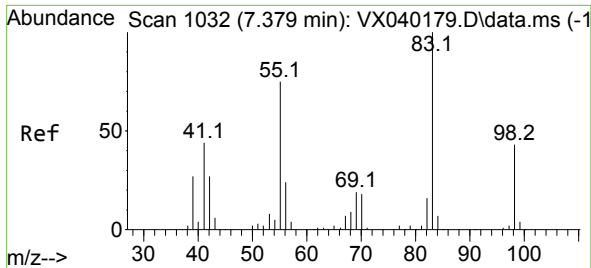
Ion Ratio Lower Upper

117 100

119 97.4 78.2 117.2

121 31.0 24.4 36.6

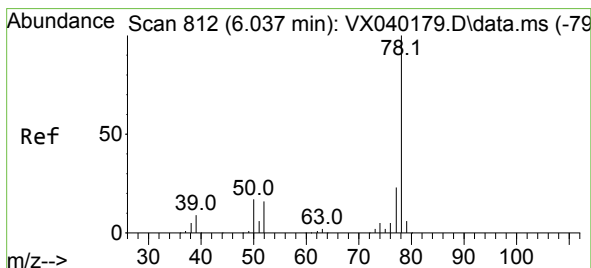
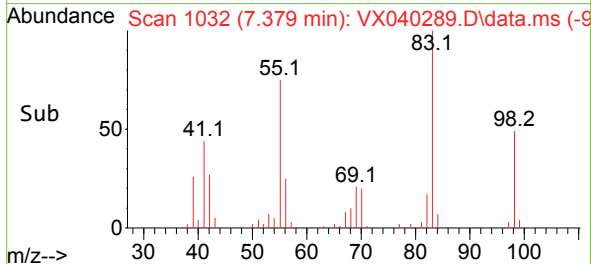
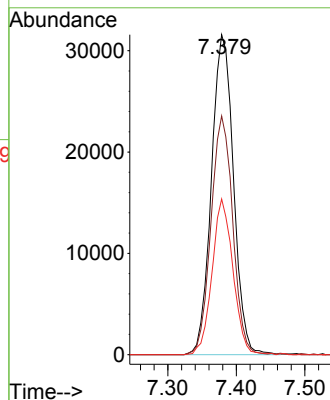
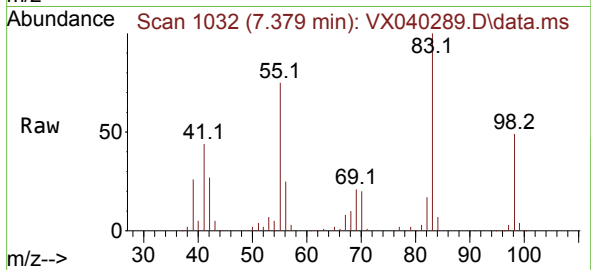




#39
Methylcyclohexane
Concen: 47.856 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

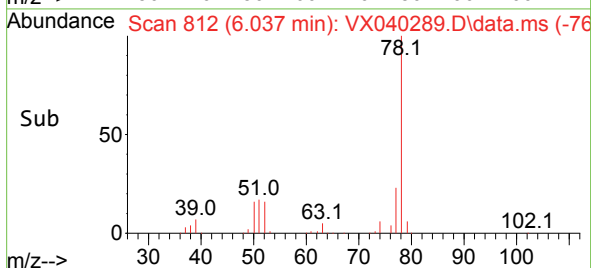
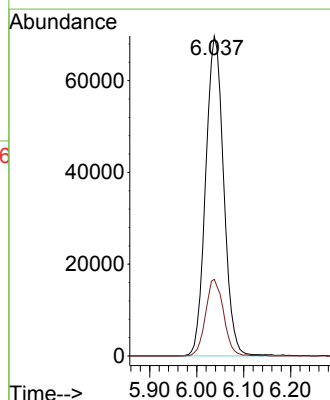
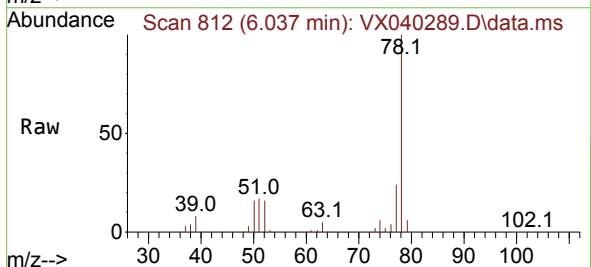
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

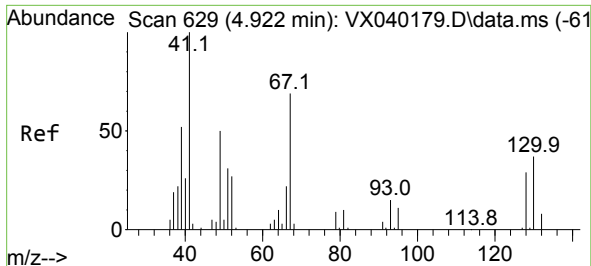
Tgt Ion: 83 Resp: 70639
Ion Ratio Lower Upper
83 100
55 74.6 64.6 97.0
98 48.7 36.7 55.1



#40
Benzene
Concen: 52.284 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 78 Resp: 185707
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



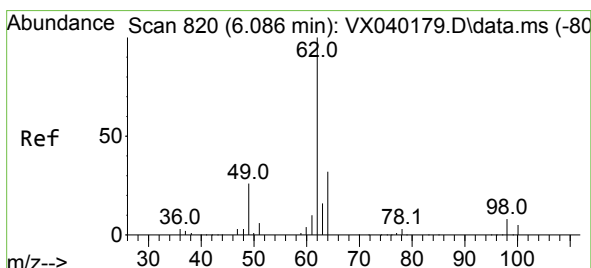
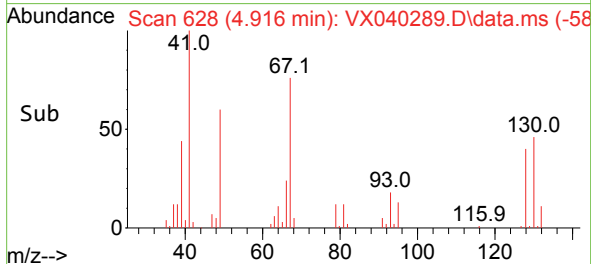
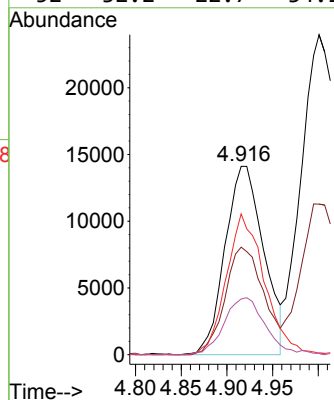
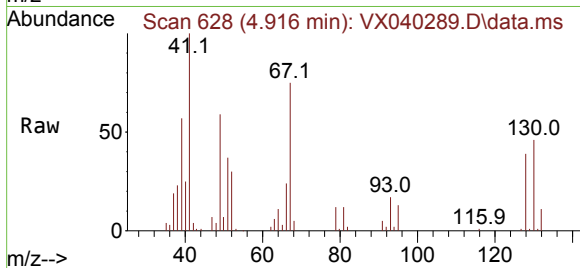


#41
Methacrylonitrile
Concen: 55.512 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 41590

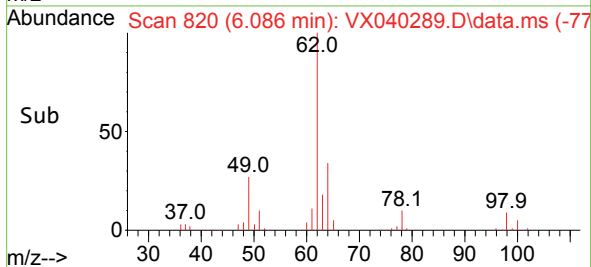
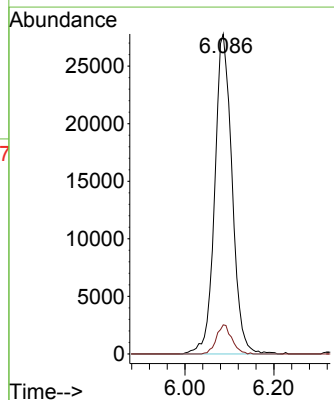
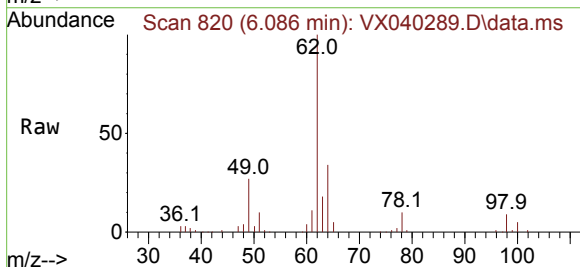
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.2	67.8
67	73.5	52.6	78.8
52	32.2	22.7	34.1

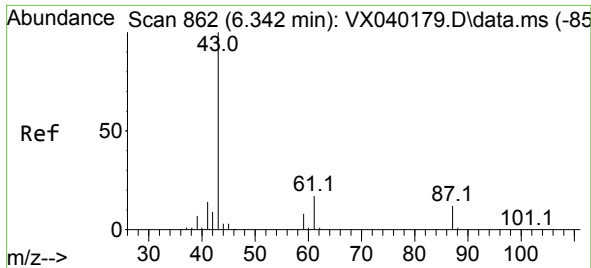


#42
1,2-Dichloroethane
Concen: 54.092 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 62 Resp: 75097

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 54.403 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

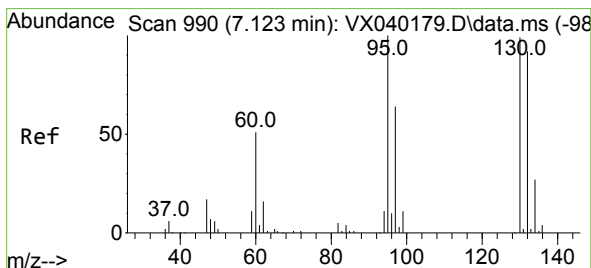
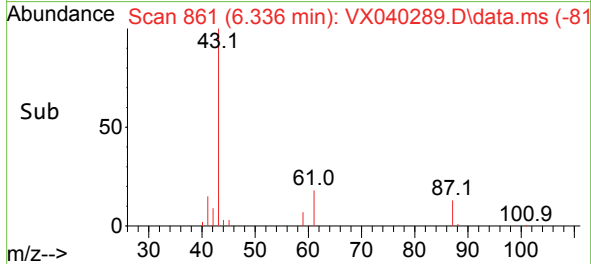
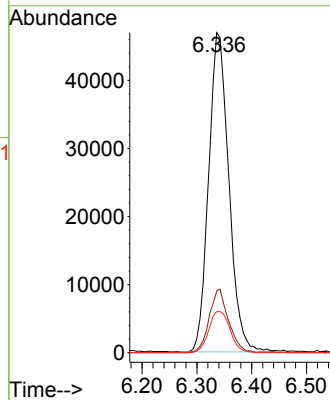
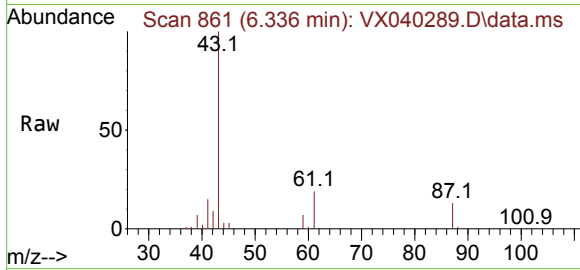
Tgt Ion: 43 Resp: 120024

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 13.5 9.8 14.6



#44

Trichloroethene

Concen: 51.028 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040289.D

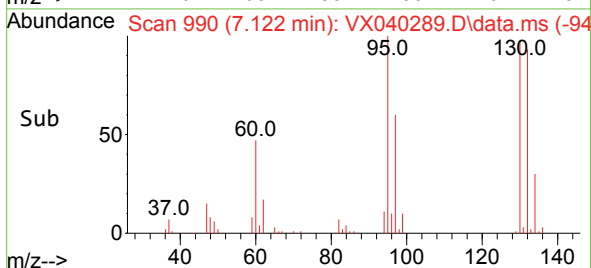
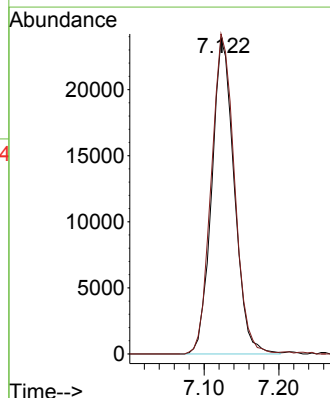
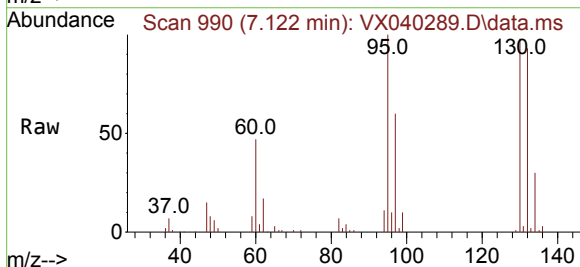
Acq: 16 Feb 2024 19:20

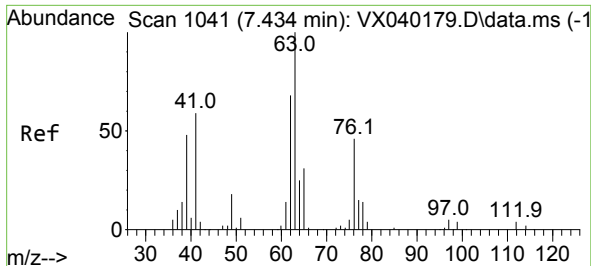
Tgt Ion:130 Resp: 49995

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.4

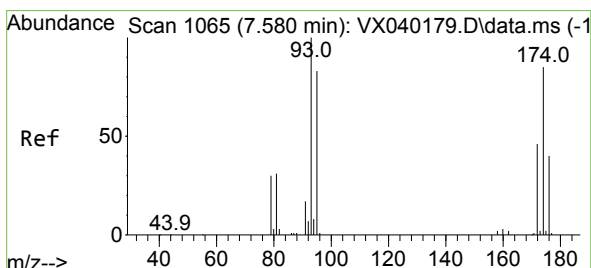
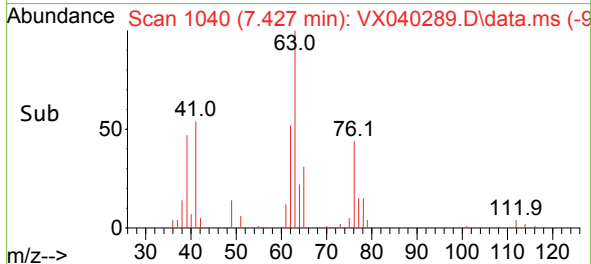
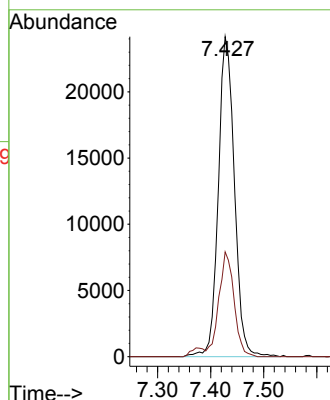
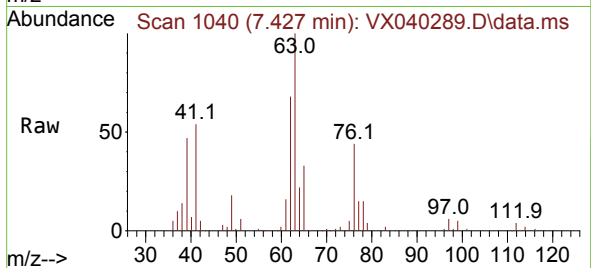




#45
1,2-Dichloropropane
Concen: 55.149 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

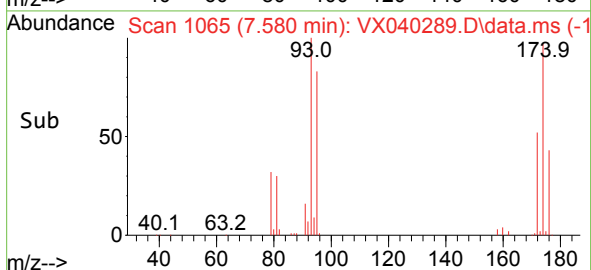
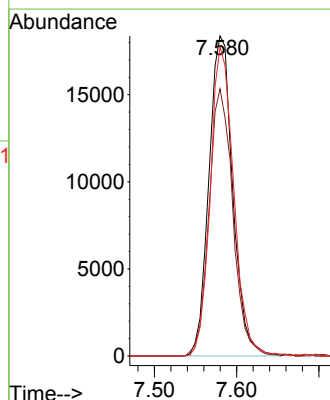
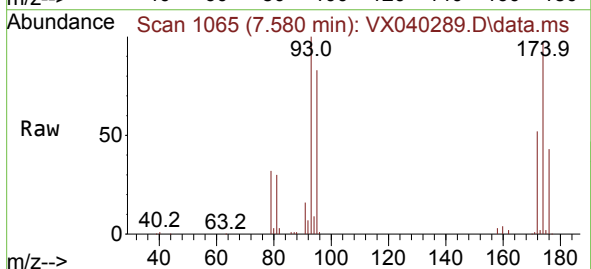
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

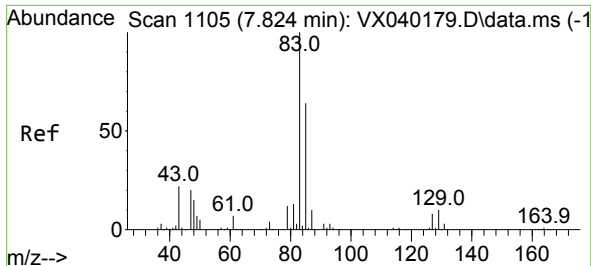
Tgt Ion: 63 Resp: 50985
Ion Ratio Lower Upper
63 100
65 32.8 24.3 36.5



#46
Dibromomethane
Concen: 54.283 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 93 Resp: 36960
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 95.2 69.4 104.0

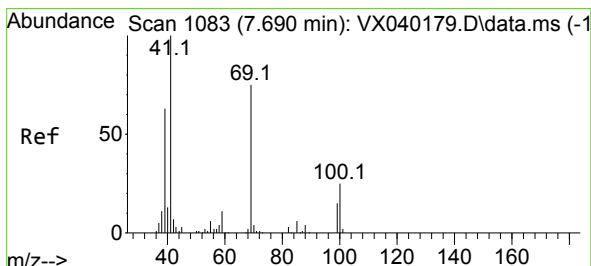
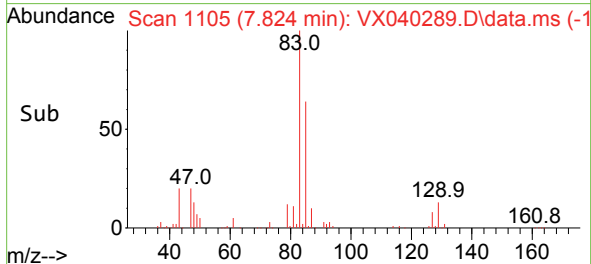
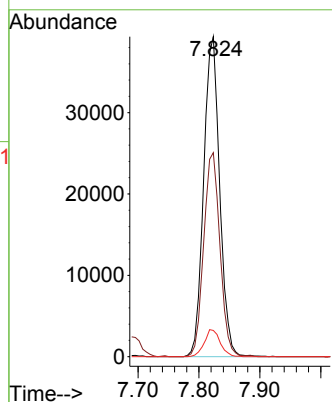
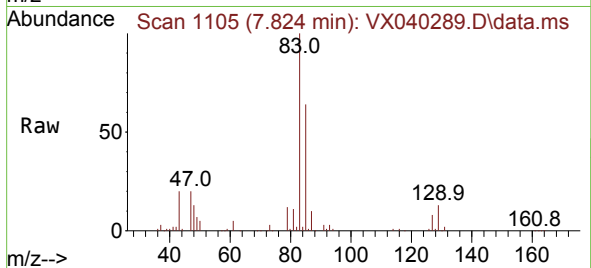




#47
Bromodichloromethane
Concen: 54.734 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

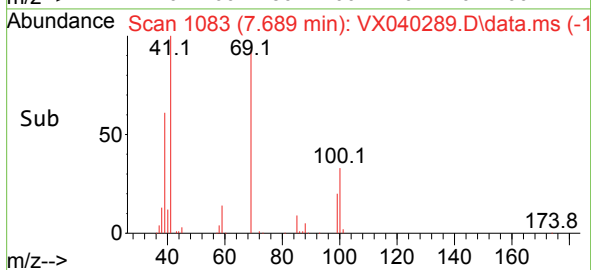
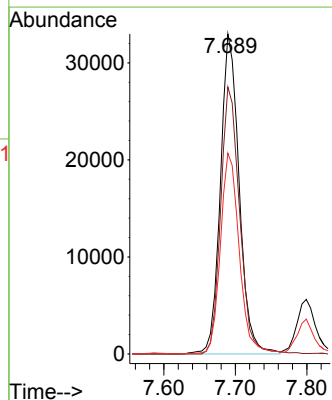
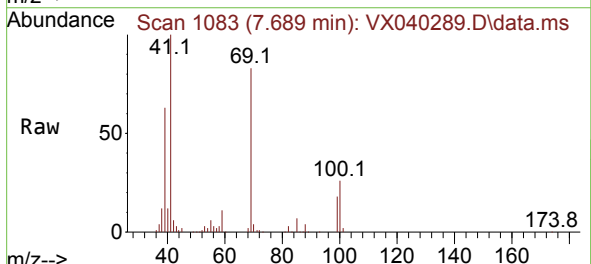
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

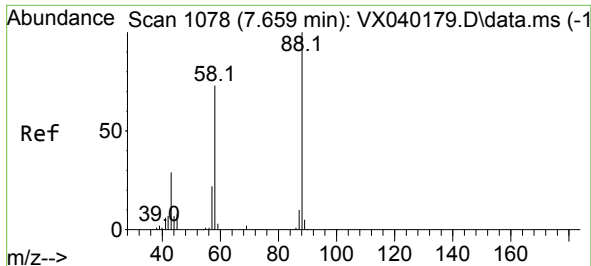
Tgt Ion: 83	Resp:	71807
Ion	Ratio	Lower Upper
83	100	
85	63.8	49.8 74.6
127	8.2	7.1 10.7



#48
Methyl methacrylate
Concen: 53.288 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 41	Resp:	60155
Ion	Ratio	Lower Upper
41	100	
69	84.2	59.2 88.8
39	63.1	47.7 71.5





#49

1,4-Dioxane

Concen: 1042.419 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

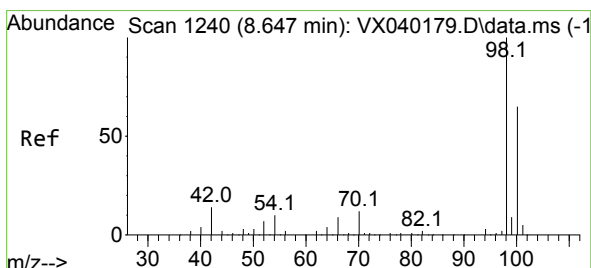
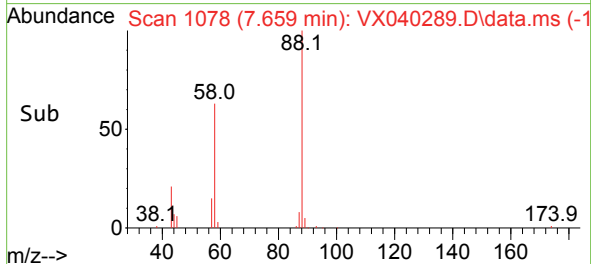
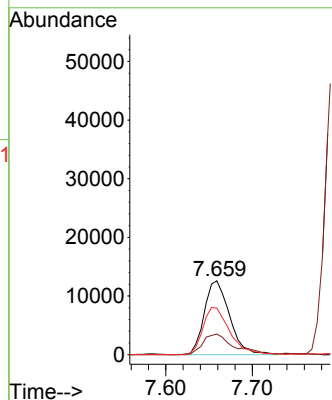
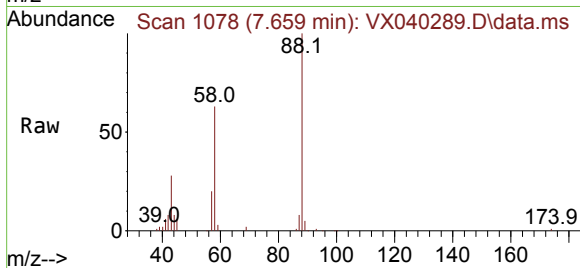
Tgt Ion: 88 Resp: 25600

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 67.9 60.1 90.1



#50

Toluene-d8

Concen: 46.389 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040289.D

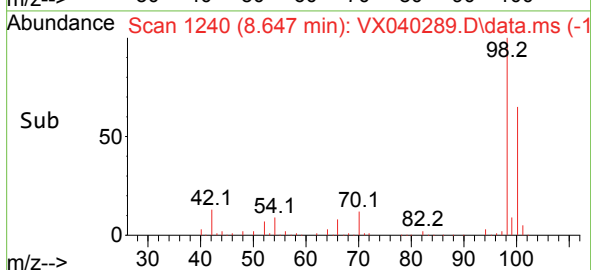
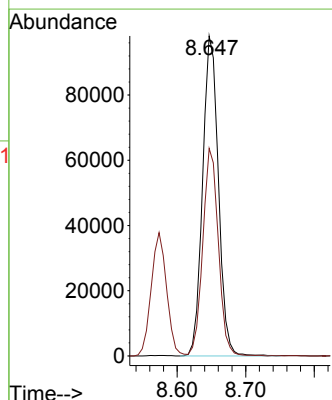
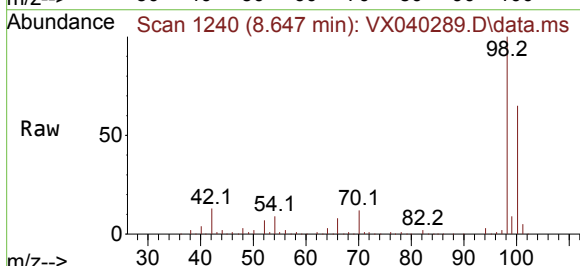
Acq: 16 Feb 2024 19:20

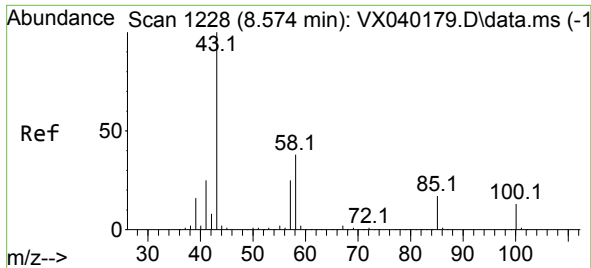
Tgt Ion: 98 Resp: 157339

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

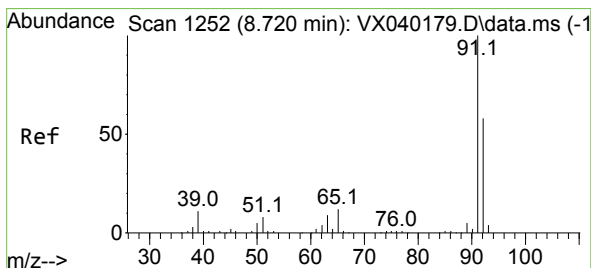
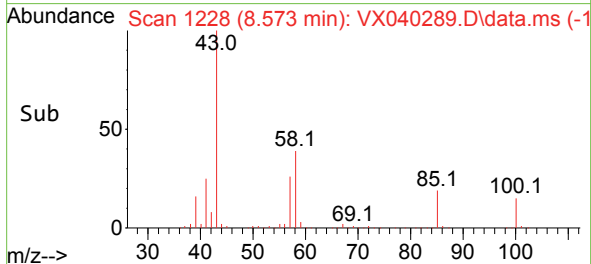
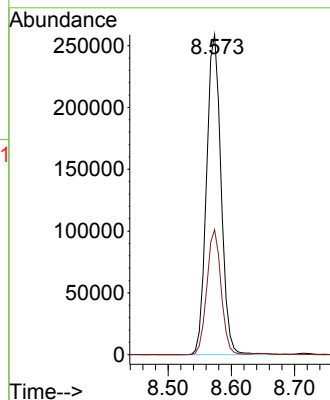
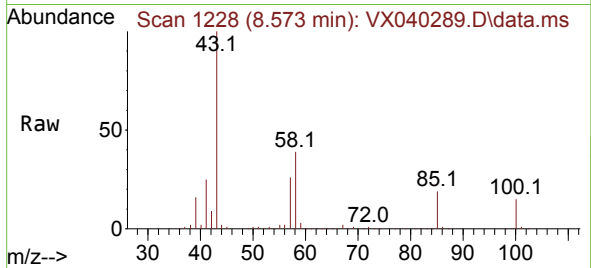




#51
4-Methyl-2-Pentanone
Concen: 275.076 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

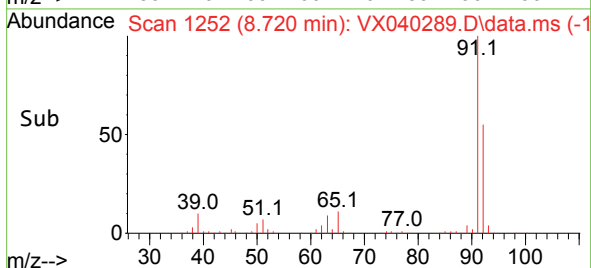
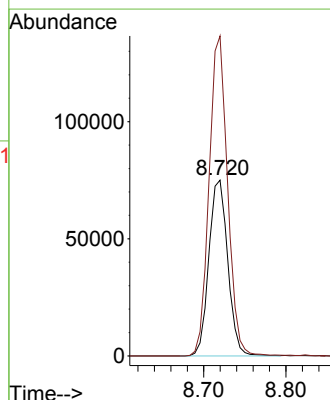
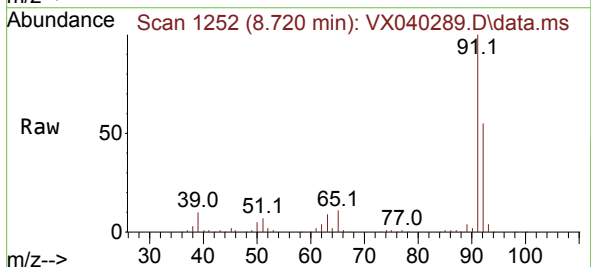
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

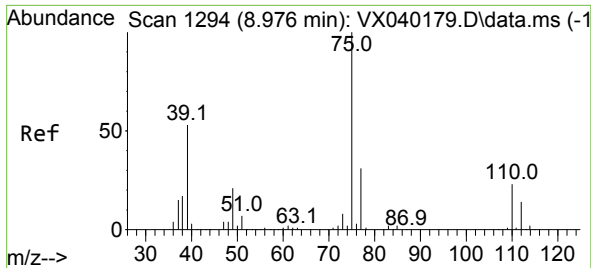
Tgt Ion: 43 Resp: 414338
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 51.552 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 92 Resp: 119938
Ion Ratio Lower Upper
92 100
91 178.2 134.2 201.2

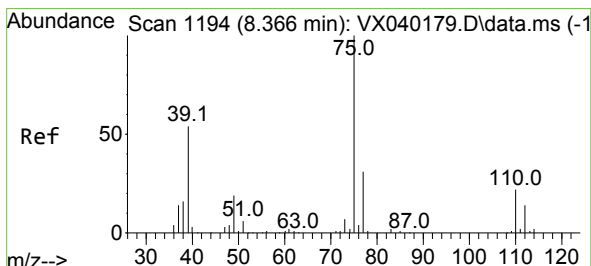
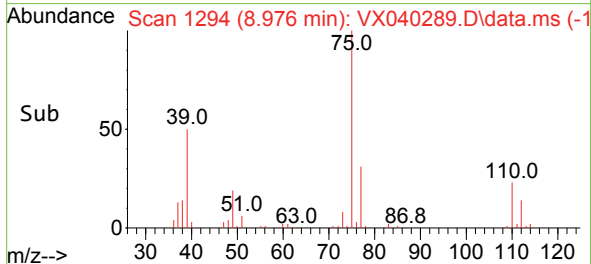
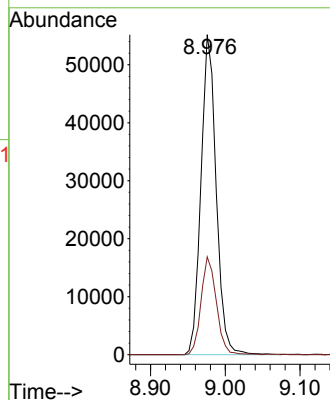
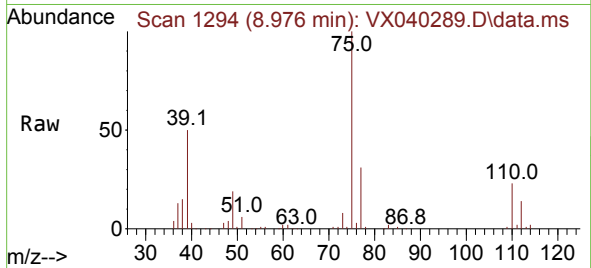




#53
 t-1,3-Dichloropropene
 Concen: 49.889 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040289.D
 Acq: 16 Feb 2024 19:20

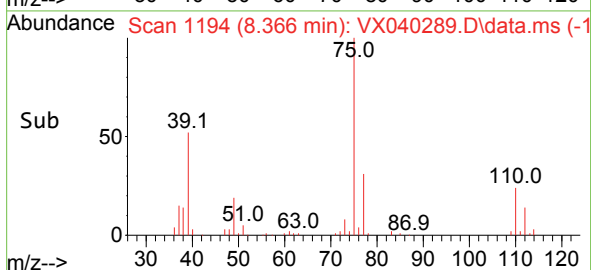
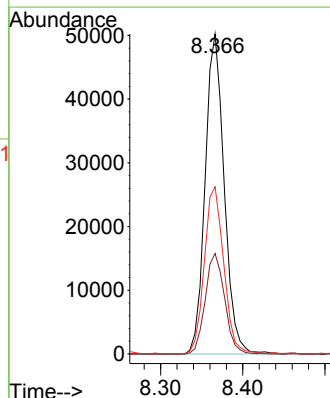
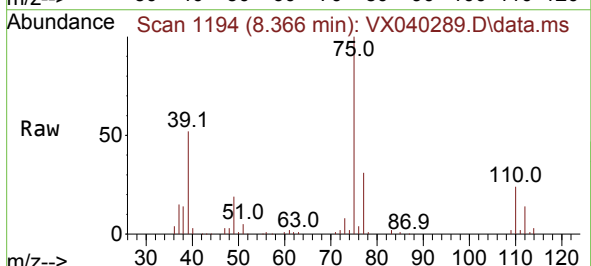
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

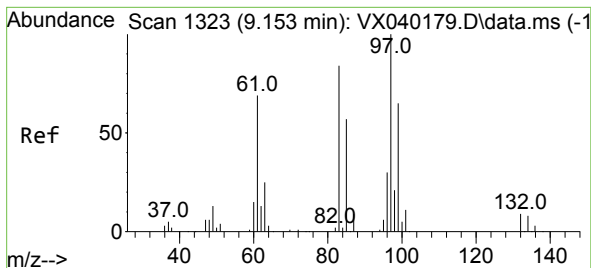
Tgt Ion: 75 Resp: 77883
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.898 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040289.D
 Acq: 16 Feb 2024 19:20

Tgt Ion: 75 Resp: 80717
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 52.3 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 53.963 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 53547

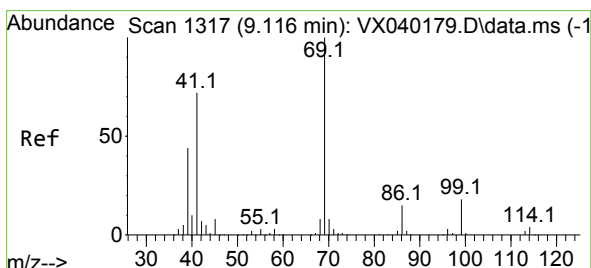
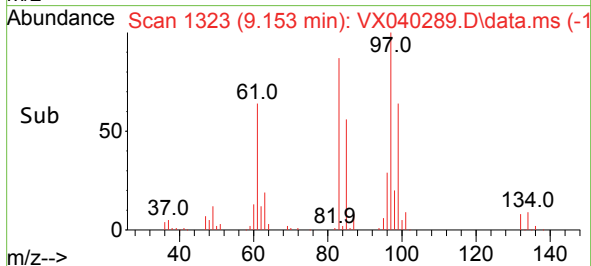
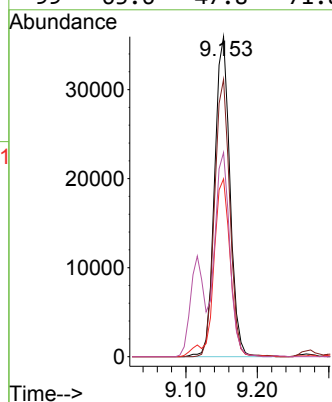
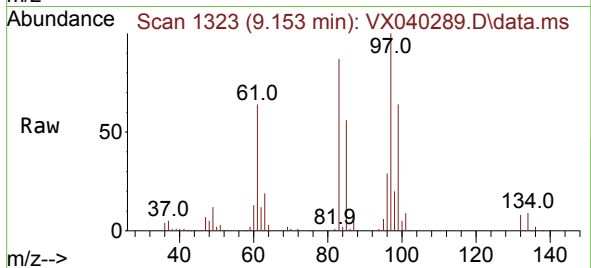
Ion Ratio Lower Upper

97 100

83 86.7 65.8 98.8

85 55.5 41.6 62.4

99 63.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 55.892 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

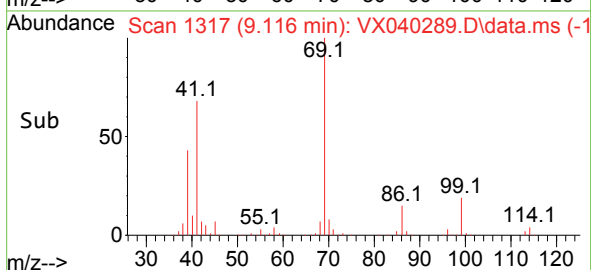
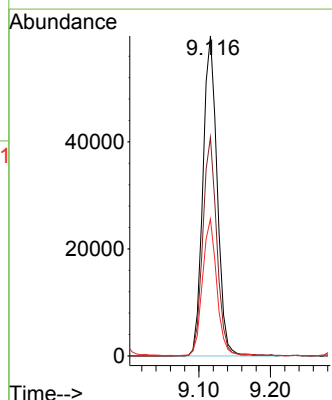
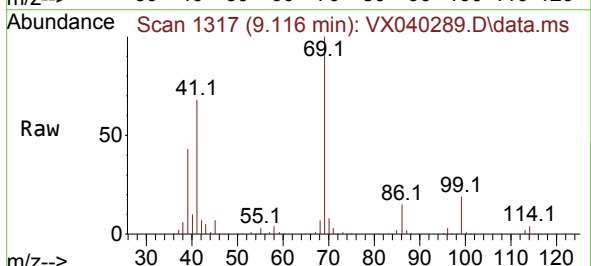
Tgt Ion: 69 Resp: 83028

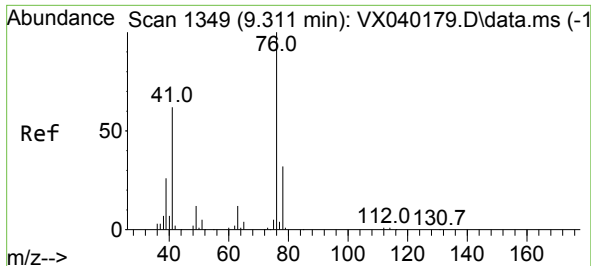
Ion Ratio Lower Upper

69 100

41 67.3 56.8 85.2

39 43.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.346 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

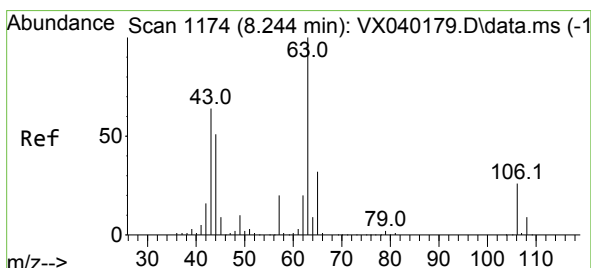
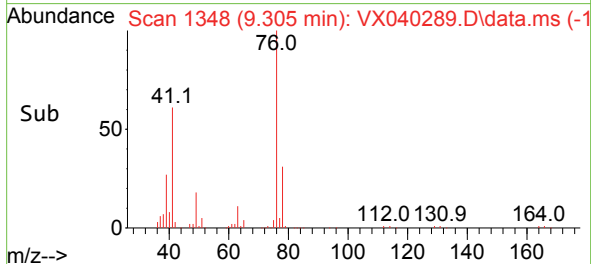
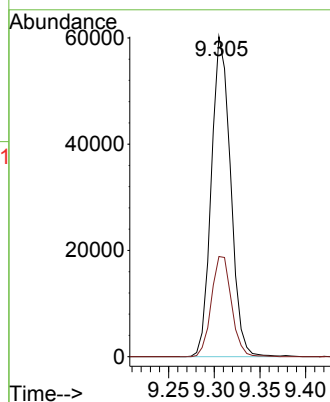
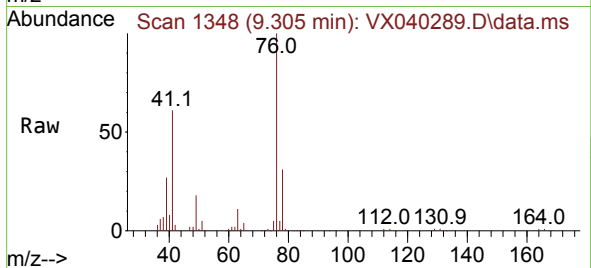
VSTDCCC050EC

Tgt Ion: 76 Resp: 88022

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 266.012 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040289.D

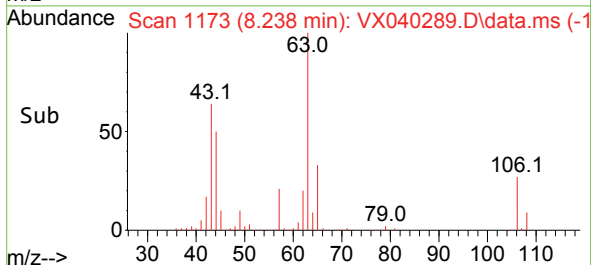
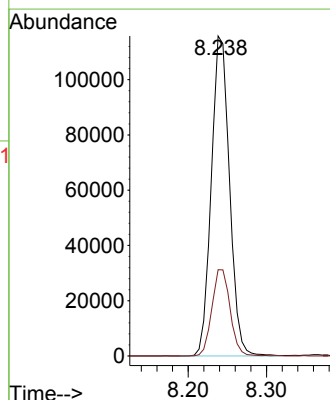
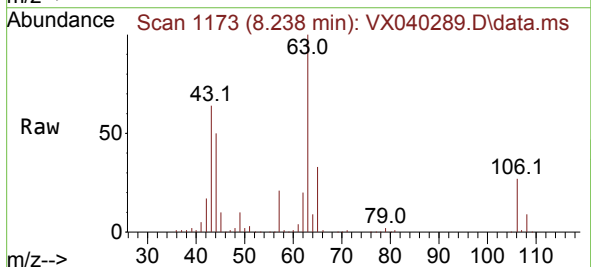
Acq: 16 Feb 2024 19:20

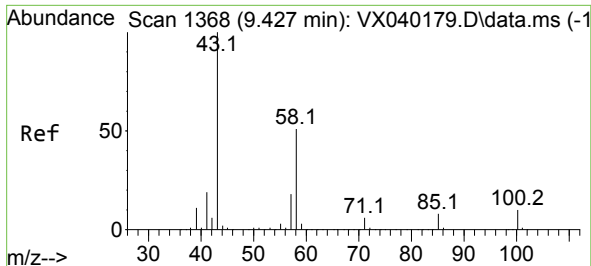
Tgt Ion: 63 Resp: 186936

Ion Ratio Lower Upper

63 100

106 27.0 22.5 33.7

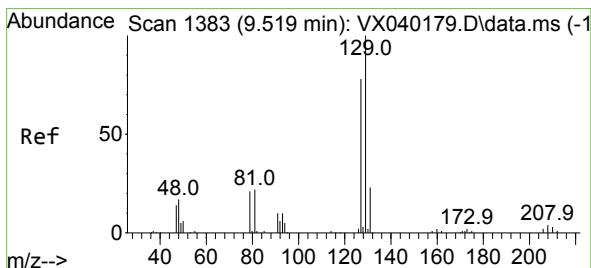
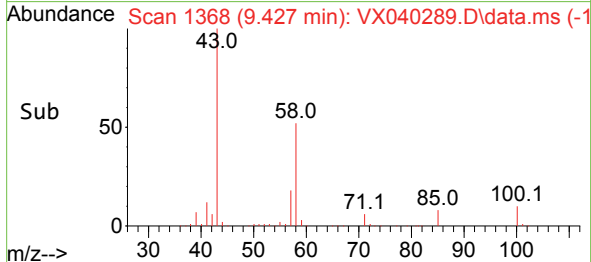
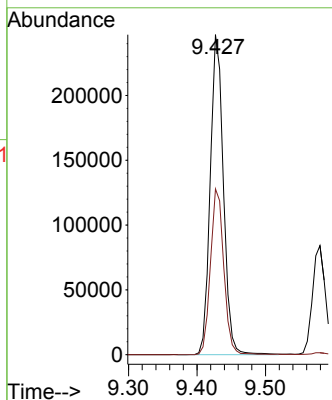
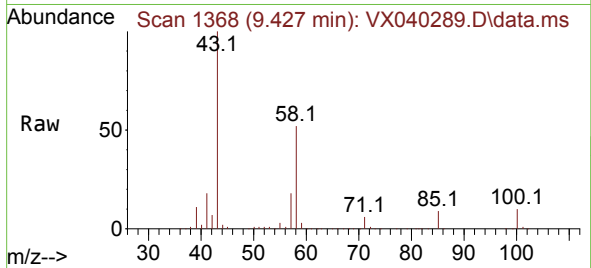




#59
2-Hexanone
Concen: 277.049 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

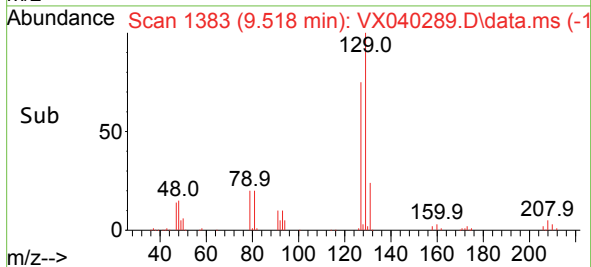
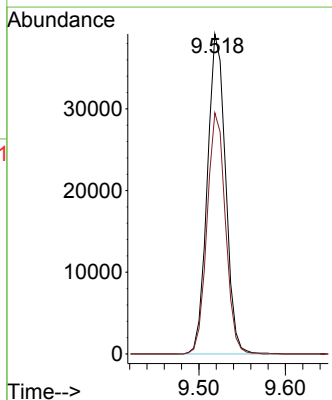
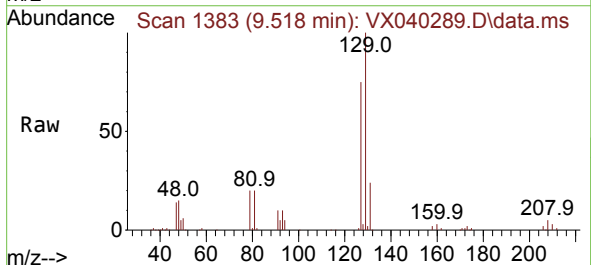
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

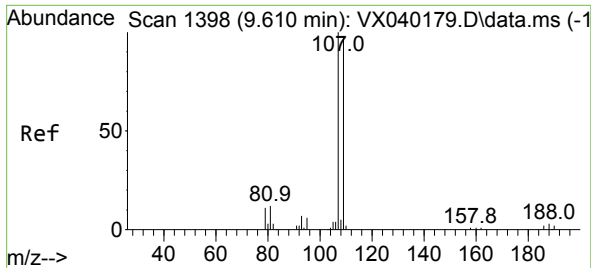
Tgt Ion: 43 Resp: 330864
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5



#60
Dibromochloromethane
Concen: 56.591 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 129 Resp: 57212
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4

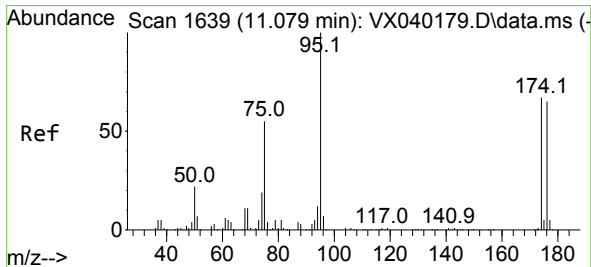
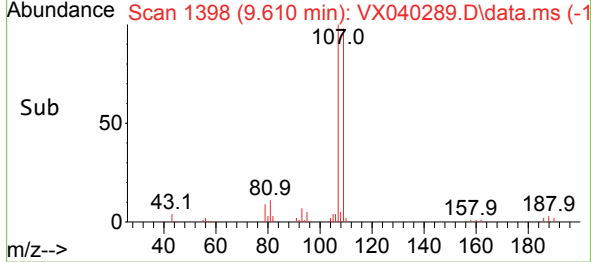
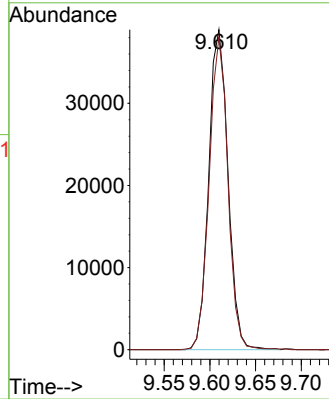
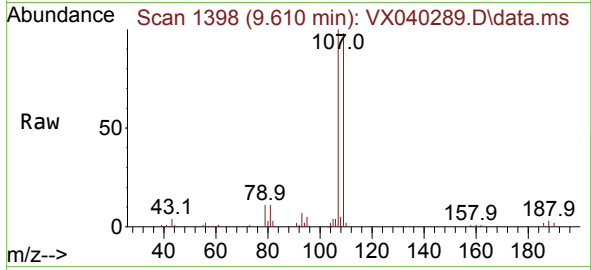




#61
1,2-Dibromoethane
Concen: 54.023 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

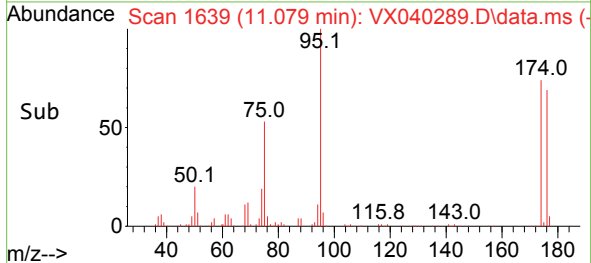
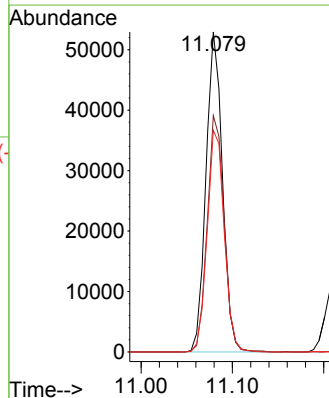
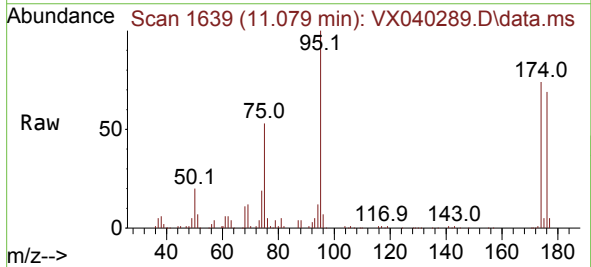
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

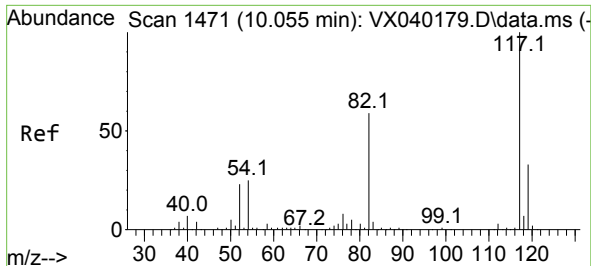
Tgt Ion:107 Resp: 56981
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 95 Resp: 65934
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 71.7 0.0 131.0

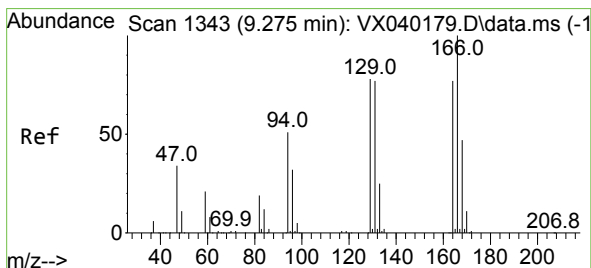
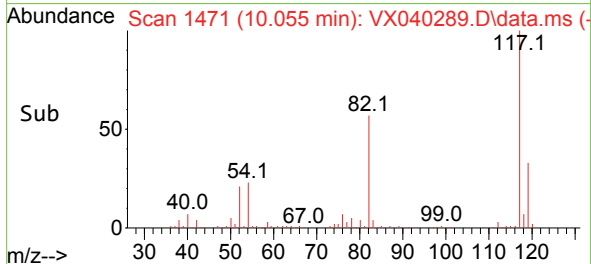
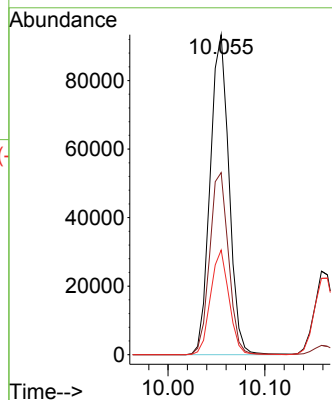
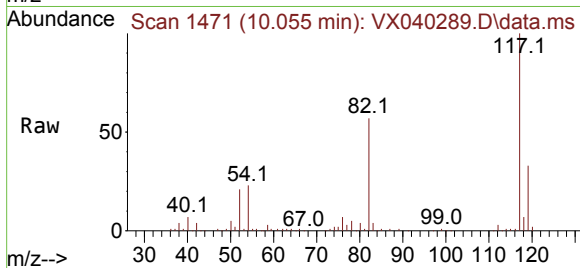




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

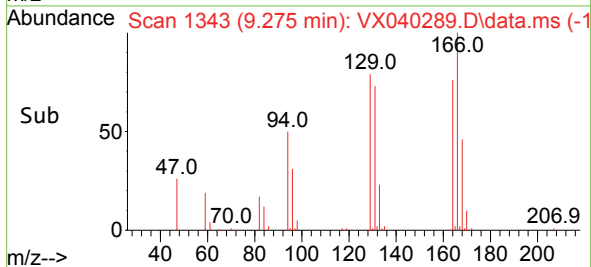
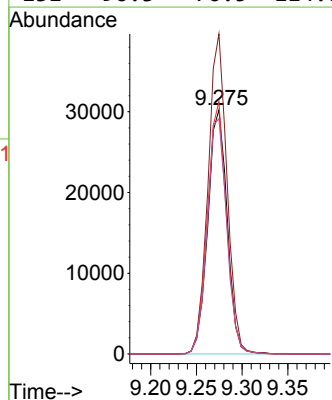
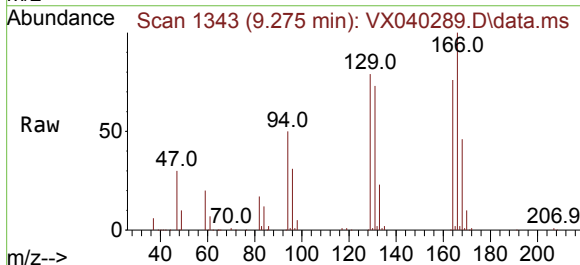
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

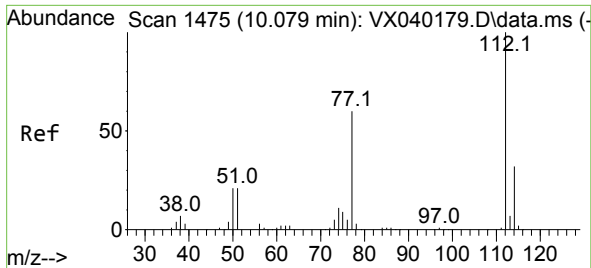
Tgt Ion:117 Resp: 126498
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 50.095 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion:164 Resp: 44407
Ion Ratio Lower Upper
164 100
166 131.1 102.7 154.1
129 103.4 80.4 120.6
131 96.3 76.5 114.7

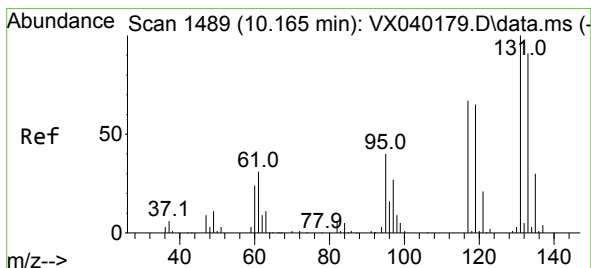
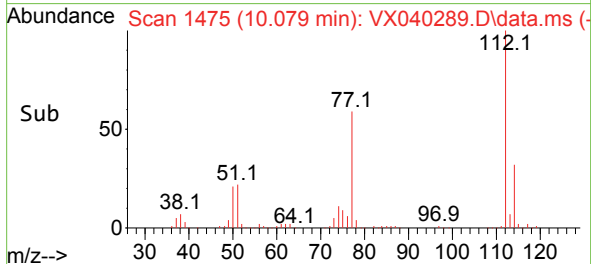
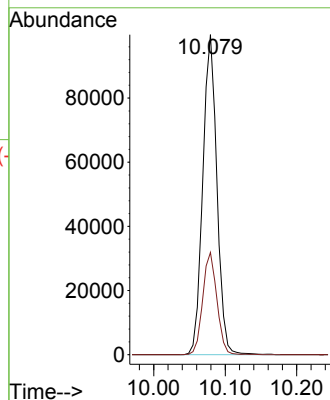
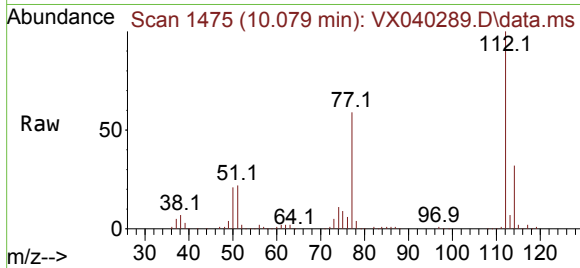




#65
Chlorobenzene
Concen: 51.815 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

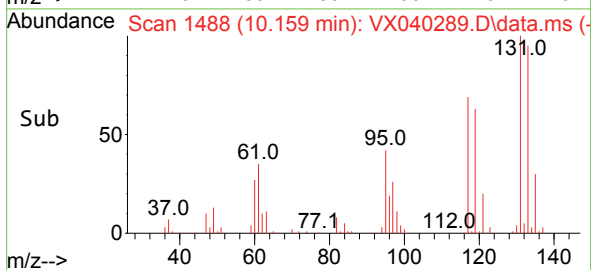
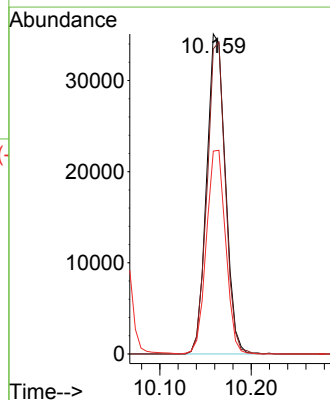
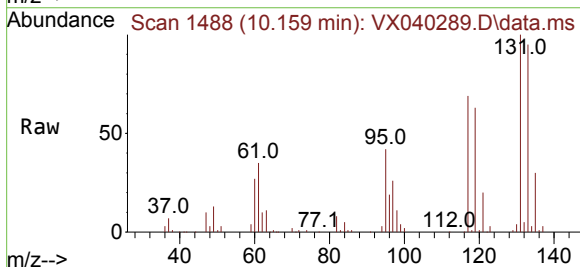
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

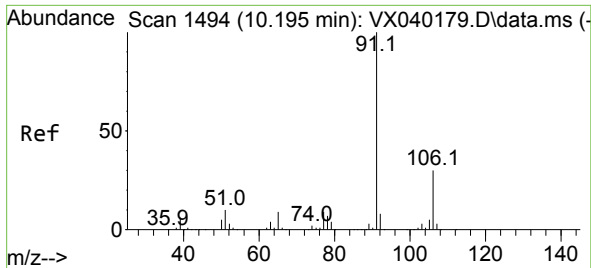
Tgt Ion:112 Resp: 136795
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.507 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion:131 Resp: 49839
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.4 32.2 96.6

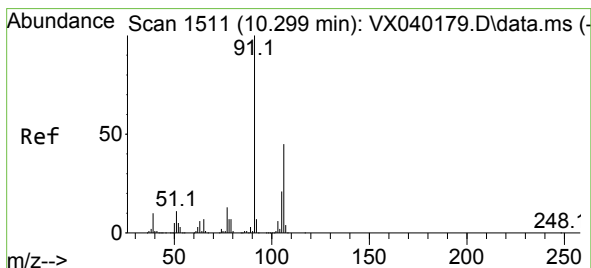
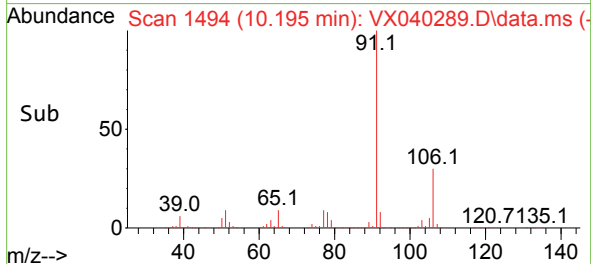
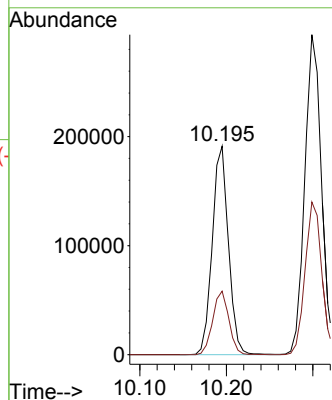
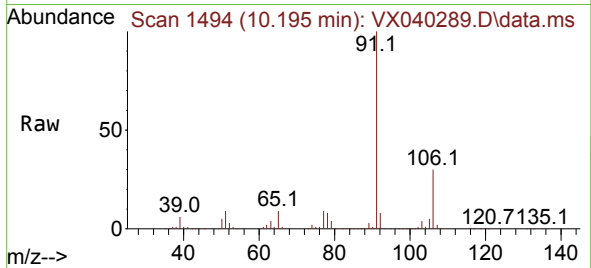




#67
Ethyl Benzene
Concen: 52.709 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

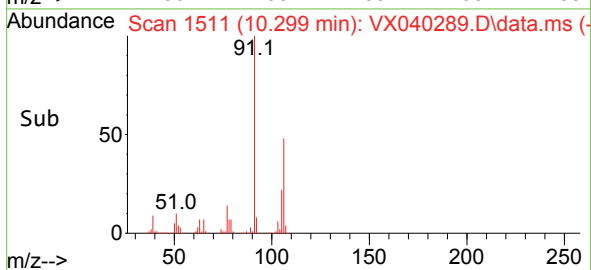
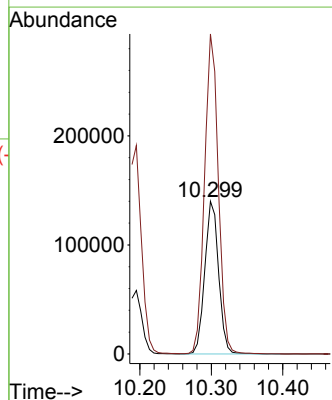
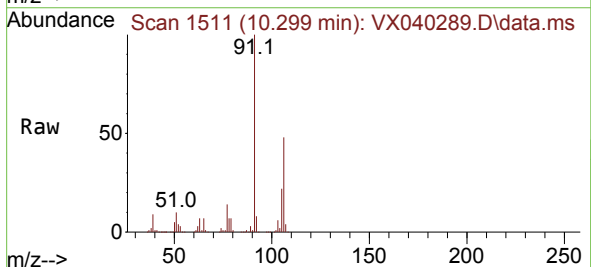
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

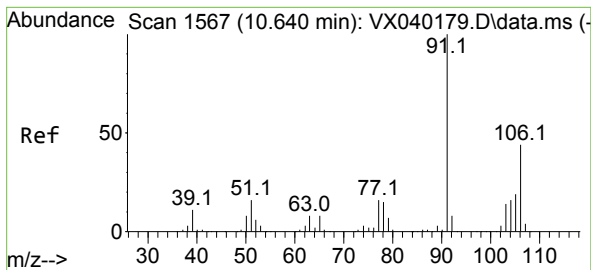
Tgt Ion: 91 Resp: 247837
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 105.944 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 106 Resp: 188136
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3

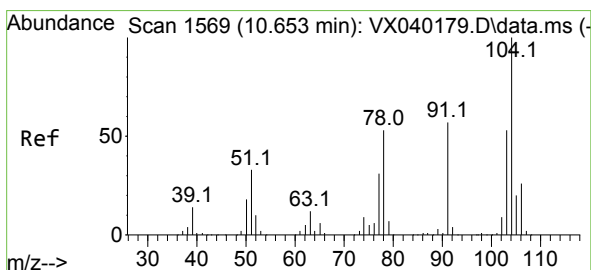
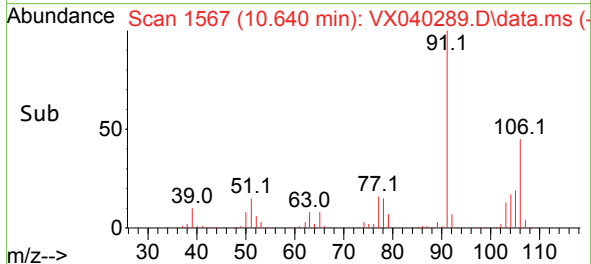
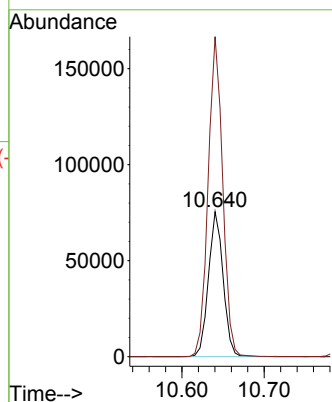
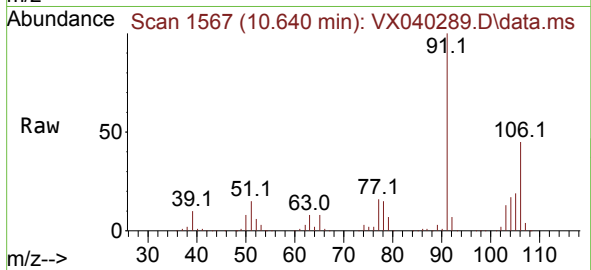




#69
o-Xylene
Concen: 54.056 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

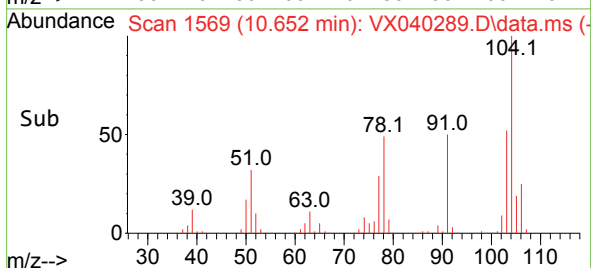
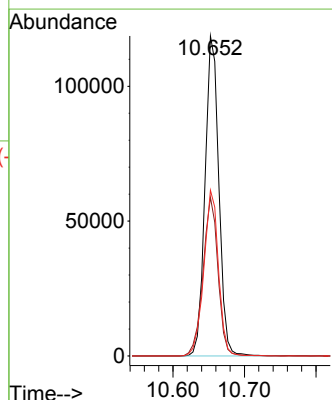
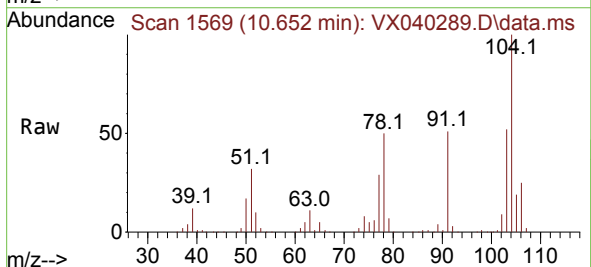
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

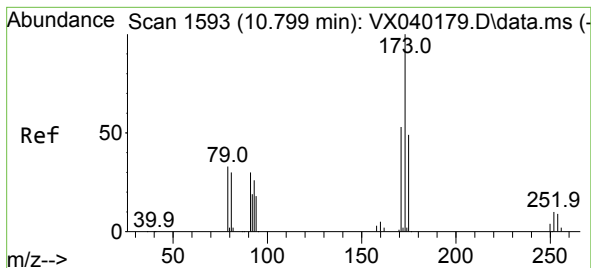
Tgt Ion:106 Resp: 93282
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.8



#70
Styrene
Concen: 55.511 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion:104 Resp: 159265
Ion Ratio Lower Upper
104 100
78 53.9 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 49.900 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

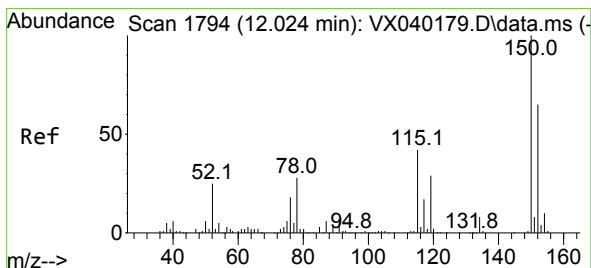
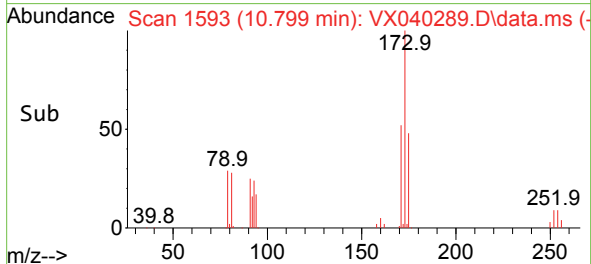
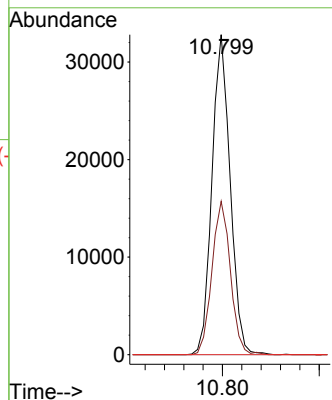
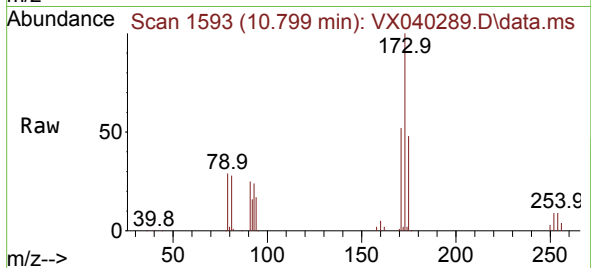
Tgt Ion:173 Resp: 42848

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

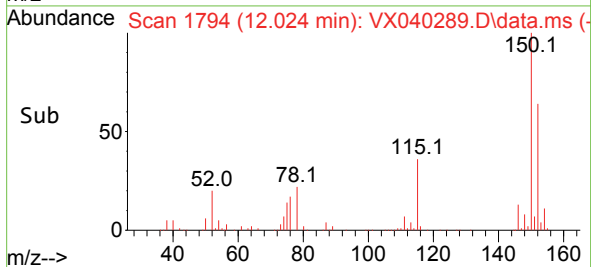
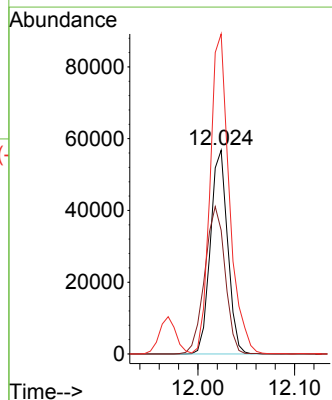
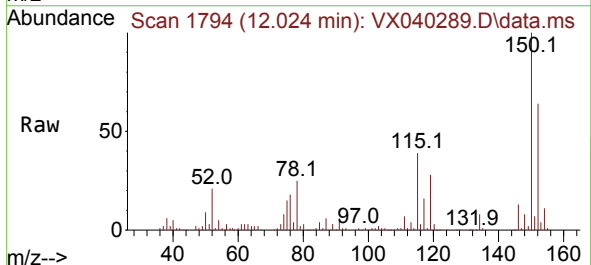
Tgt Ion:152 Resp: 70383

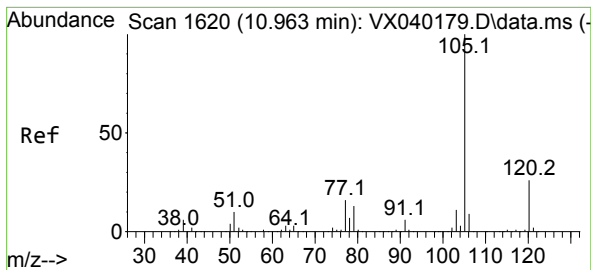
Ion Ratio Lower Upper

152 100

115 85.6 43.3 129.9

150 175.2 0.0 345.0





#73

Isopropylbenzene

Concen: 51.083 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

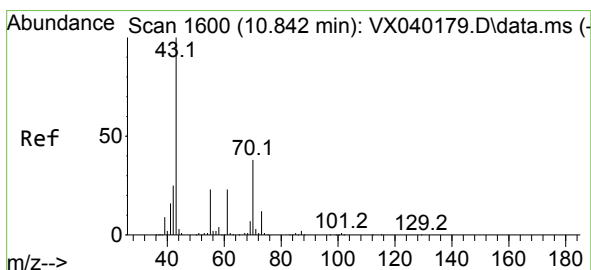
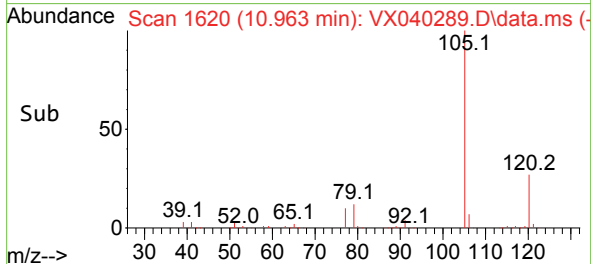
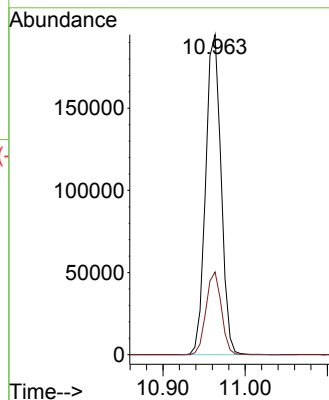
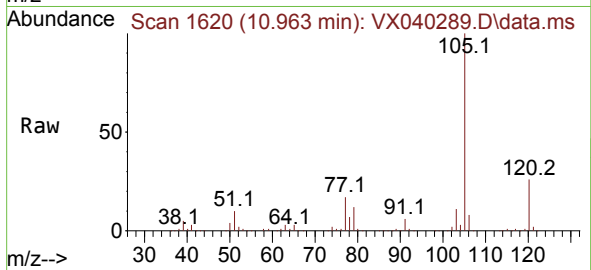
VSTDCCC050EC

Tgt Ion:105 Resp: 253235

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 55.152 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Tgt Ion: 43 Resp: 117192

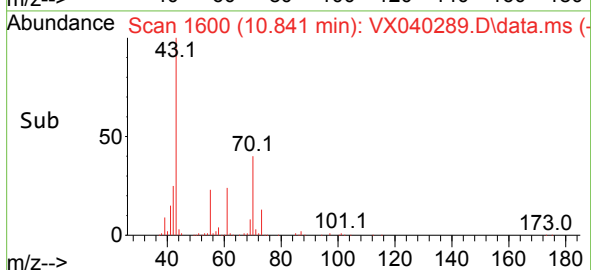
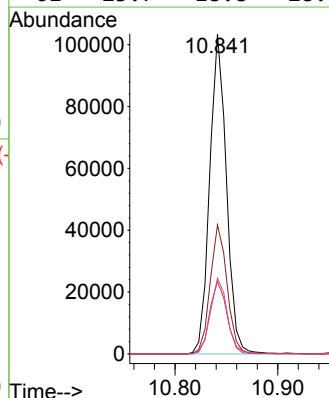
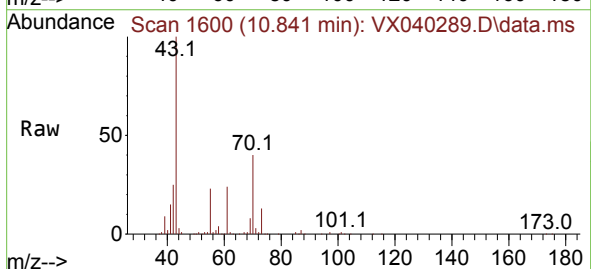
Ion Ratio Lower Upper

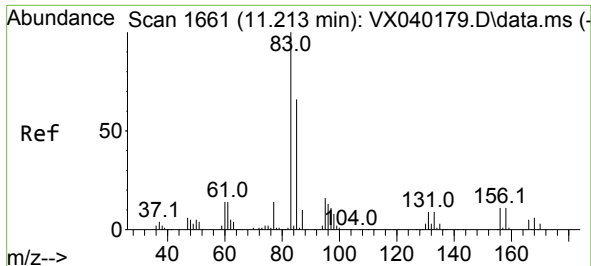
43 100

70 41.0 32.9 49.3

55 23.9 19.3 28.9

61 23.7 18.8 28.2

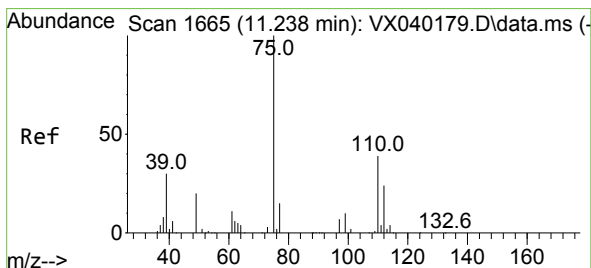
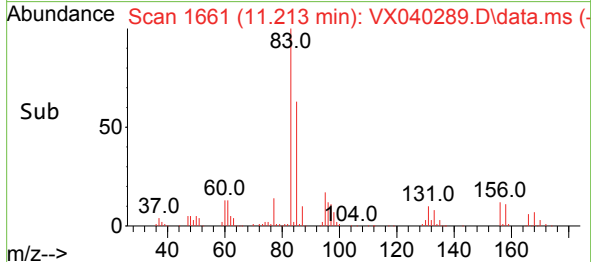
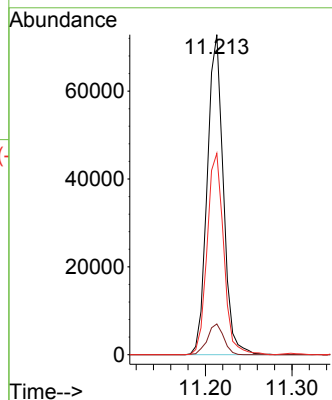
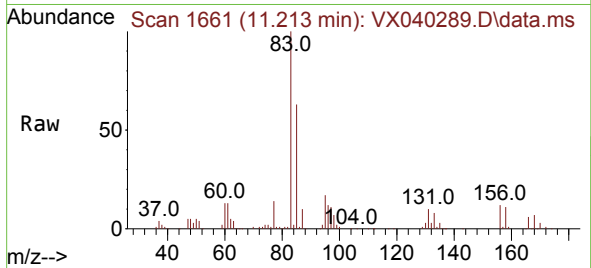




#75
1,1,2,2-Tetrachloroethane
Concen: 52.690 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

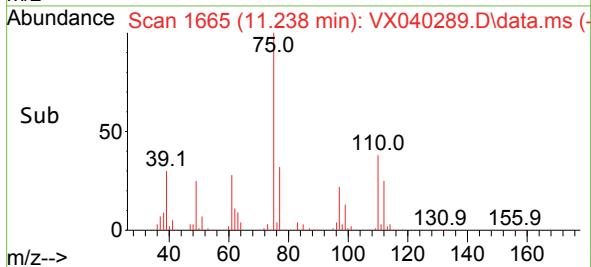
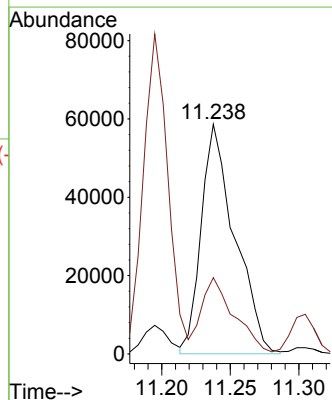
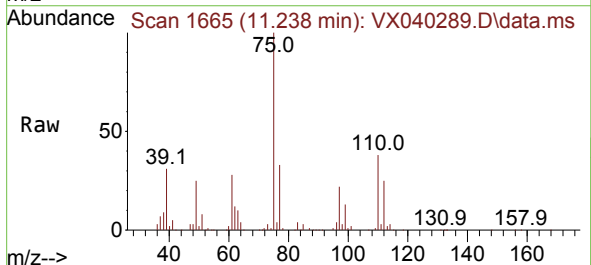
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

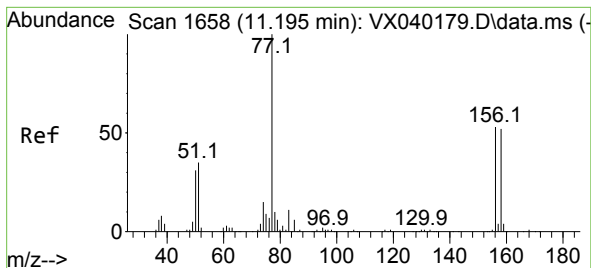
Tgt Ion: 83 Resp: 93842
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 70.155 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 75 Resp: 99991
Ion Ratio Lower Upper
75 100
77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 52.523 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

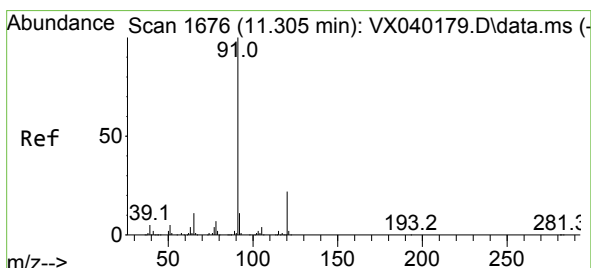
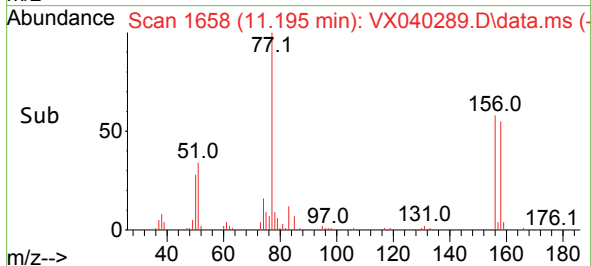
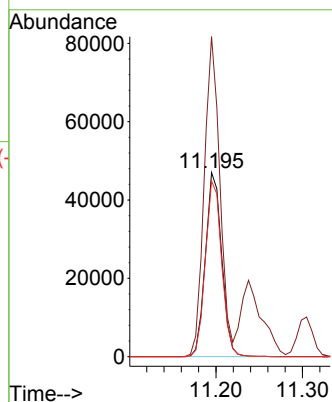
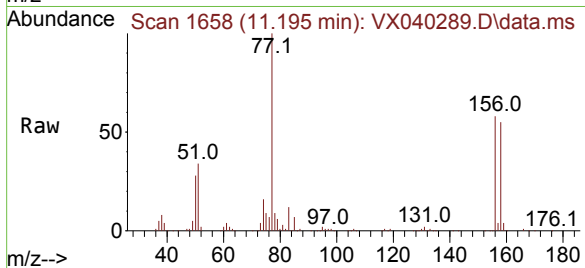
Tgt Ion:156 Resp: 61496

Ion Ratio Lower Upper

156 100

77 166.9 88.4 265.3

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 51.983 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040289.D

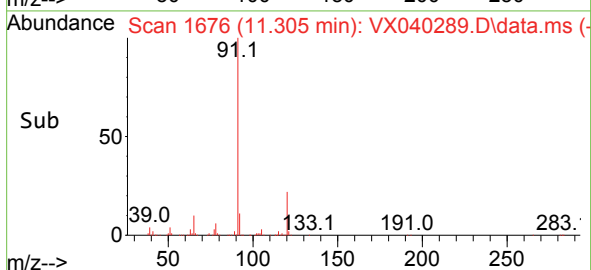
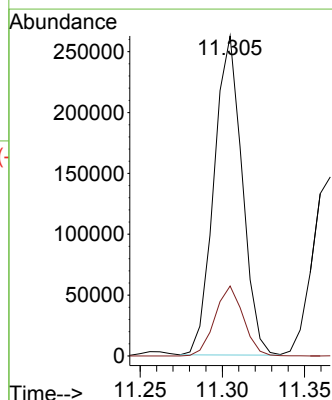
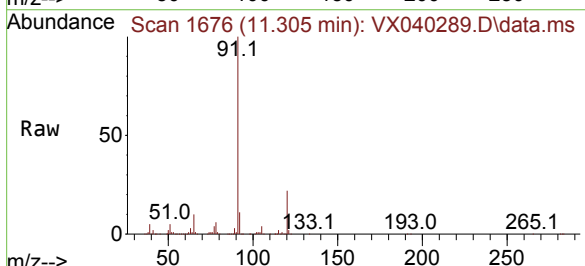
Acq: 16 Feb 2024 19:20

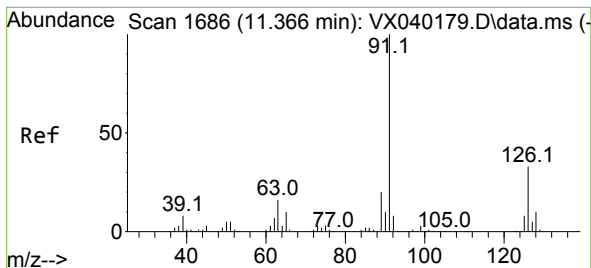
Tgt Ion: 91 Resp: 311987

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.950 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

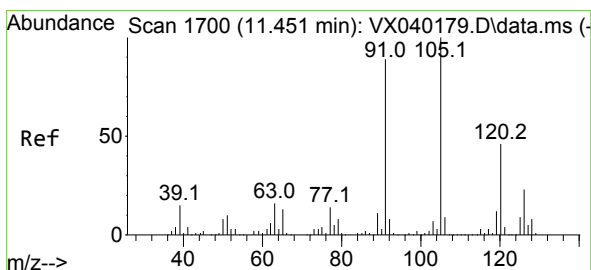
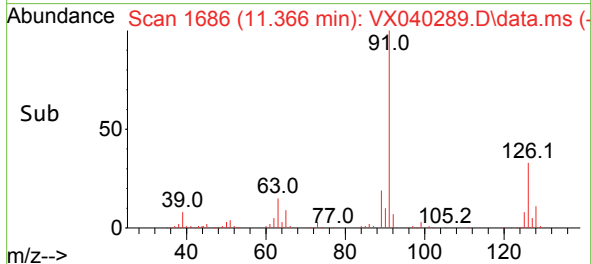
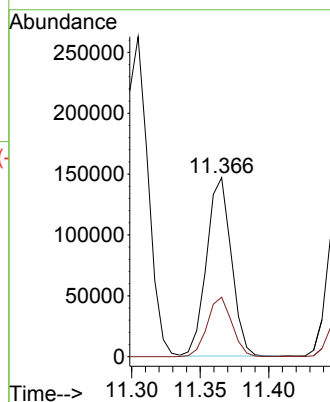
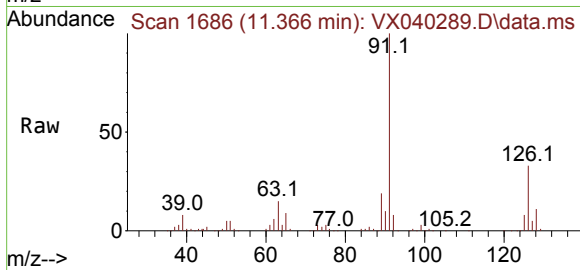
VSTDCCC050EC

Tgt Ion: 91 Resp: 184651

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.317 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040289.D

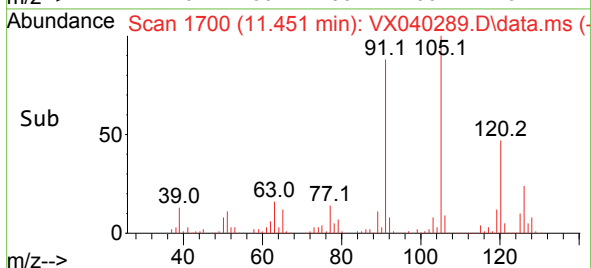
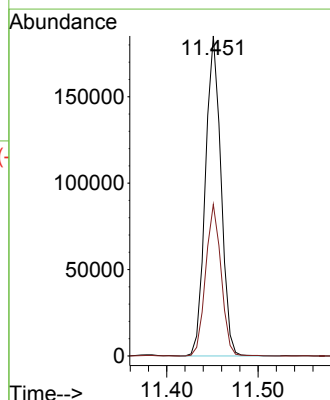
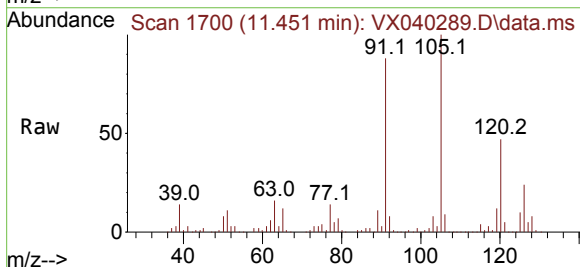
Acq: 16 Feb 2024 19:20

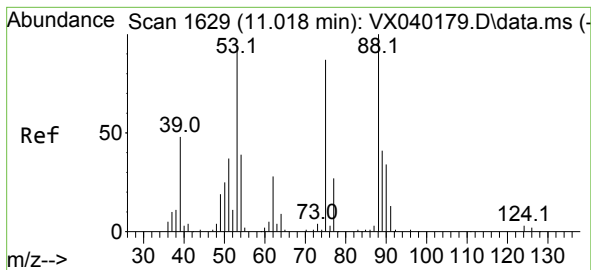
Tgt Ion: 105 Resp: 218344

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3

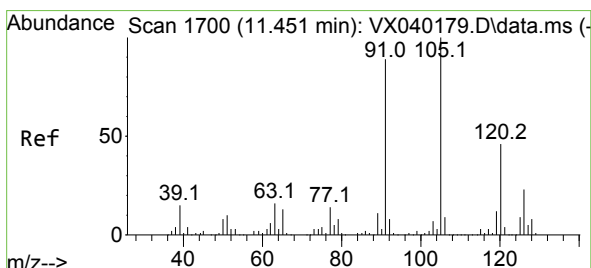
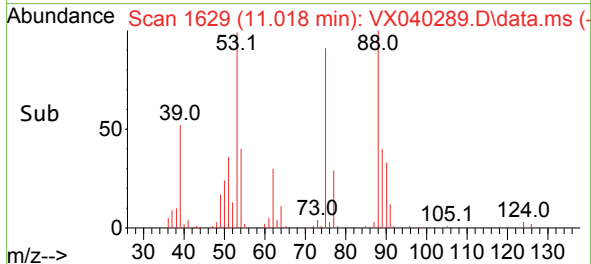
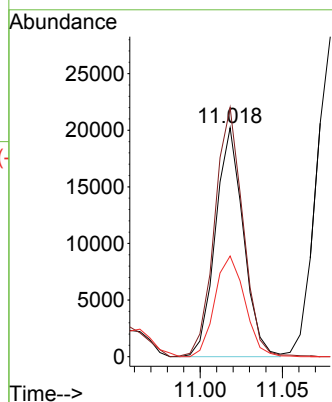
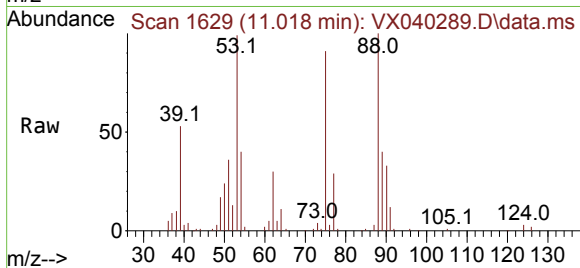




#81
trans-1,4-Dichloro-2-butene
Concen: 47.260 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

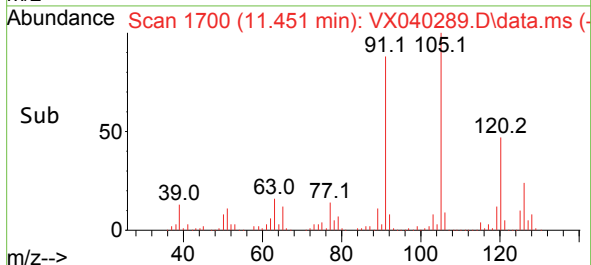
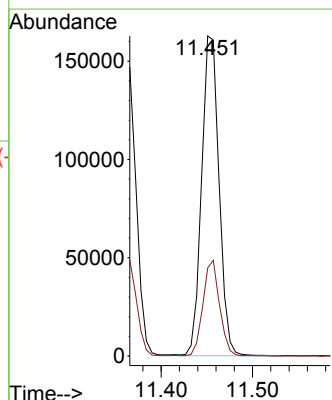
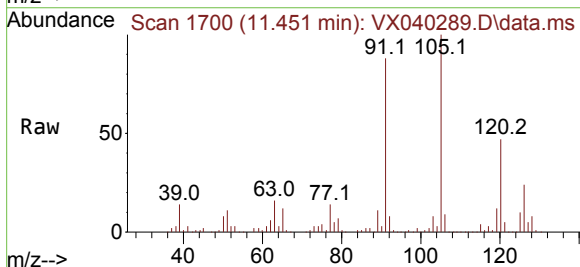
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

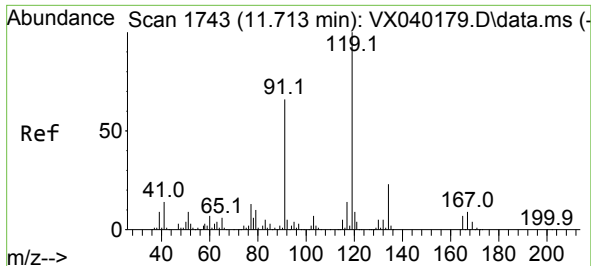
Tgt Ion: 75 Resp: 23881
Ion Ratio Lower Upper
75 100
53 110.5 90.5 135.7
89 47.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.094 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 91 Resp: 215103
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6

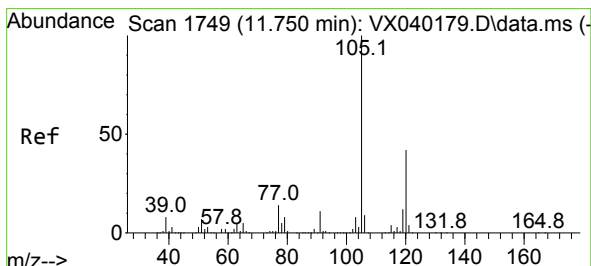
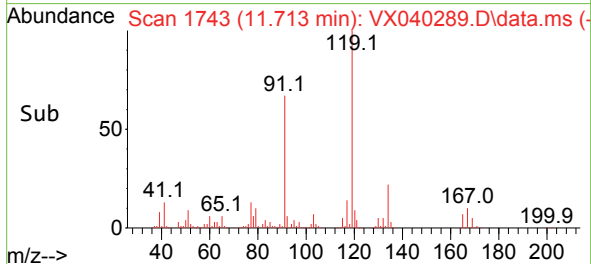
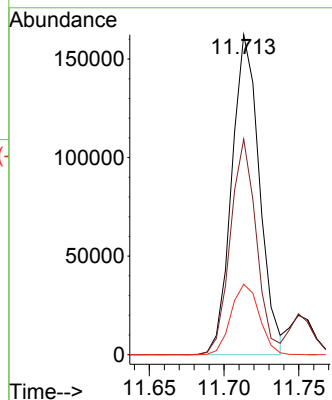
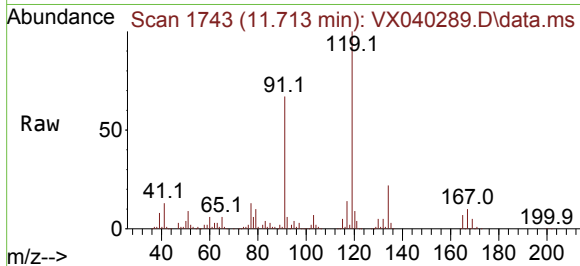




#83
tert-Butylbenzene
Concen: 51.082 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

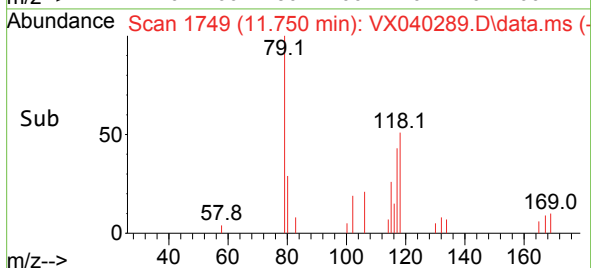
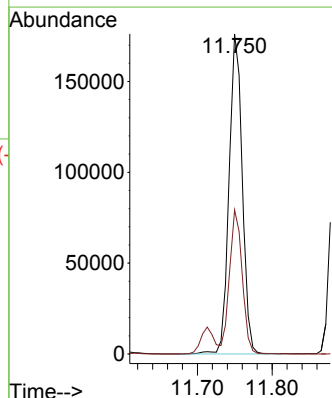
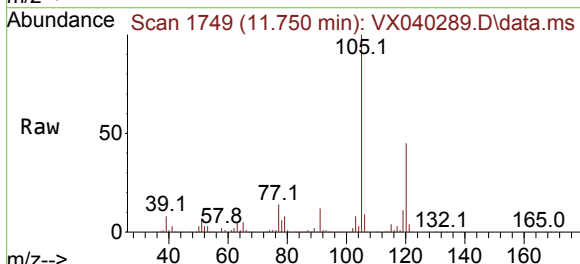
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

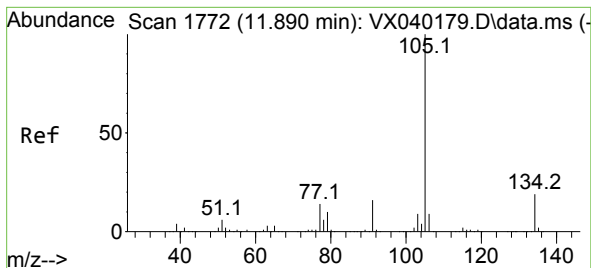
Tgt Ion:119 Resp: 209012
Ion Ratio Lower Upper
119 100
91 63.5 31.2 93.6
134 22.5 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 51.133 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion:105 Resp: 215900
Ion Ratio Lower Upper
105 100
120 43.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 51.843 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

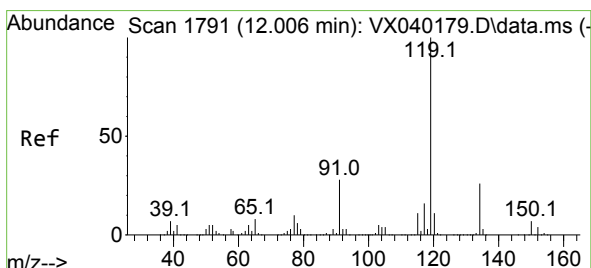
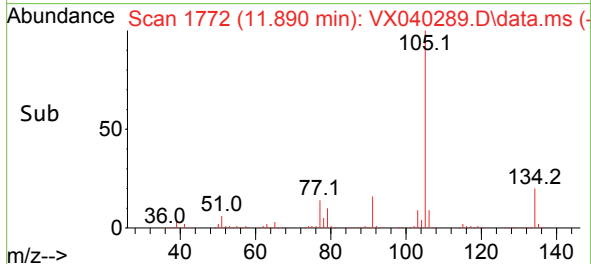
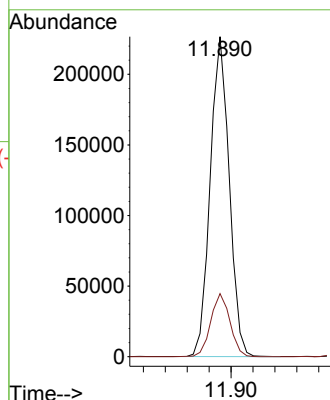
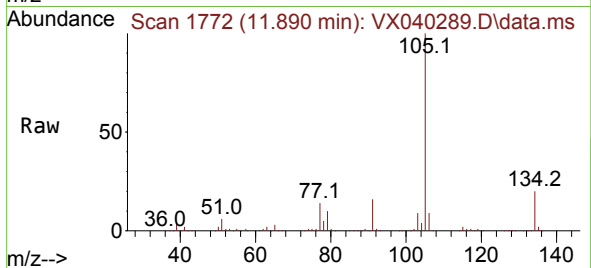
VSTDCCC050EC

Tgt Ion:105 Resp: 272612

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 51.603 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

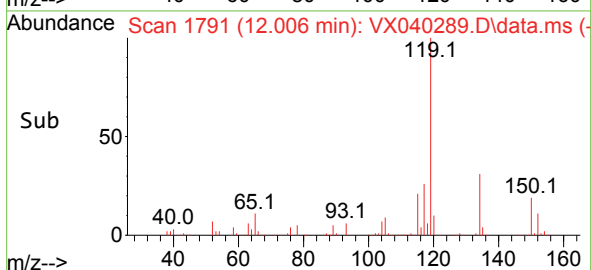
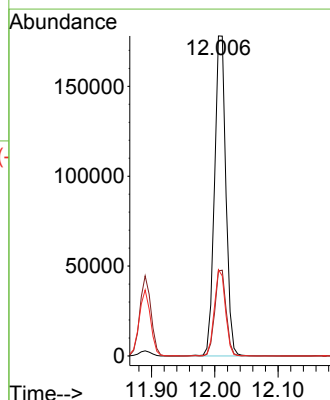
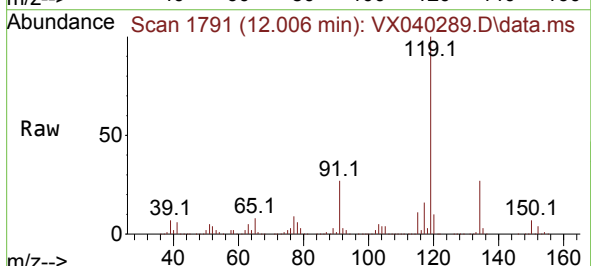
Tgt Ion:119 Resp: 222430

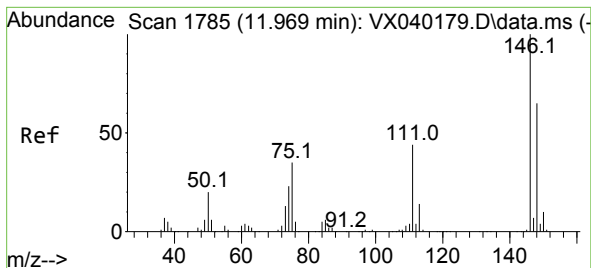
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.214 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040289.D

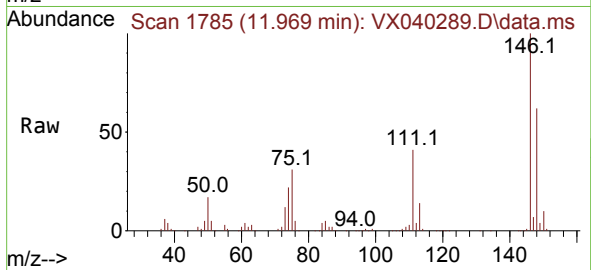
Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



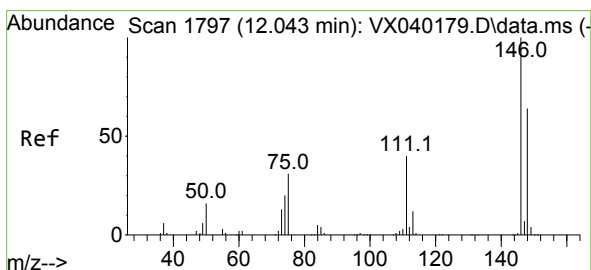
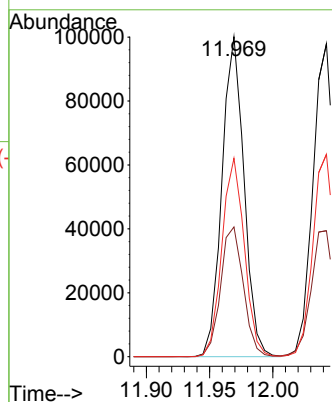
Tgt Ion:146 Resp: 121130

Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.1

148 63.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.233 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

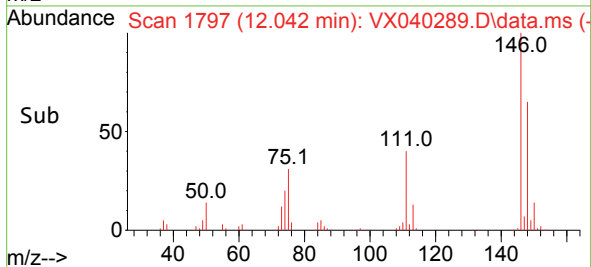
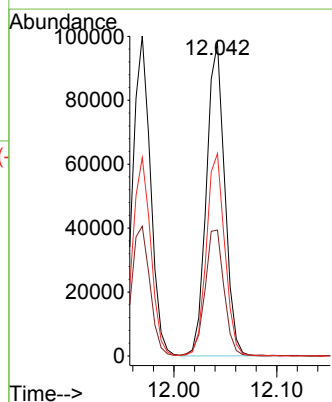
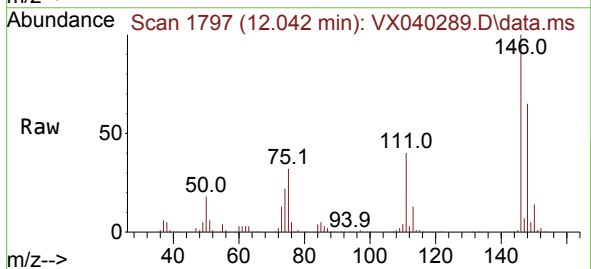
Tgt Ion:146 Resp: 120945

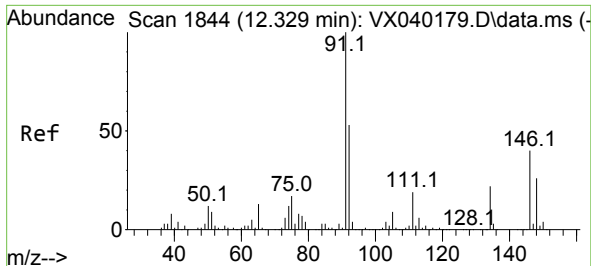
Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.7

148 65.4 31.8 95.4

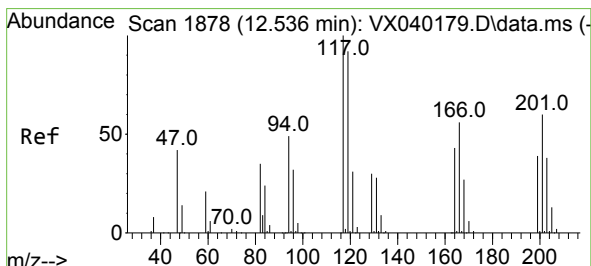
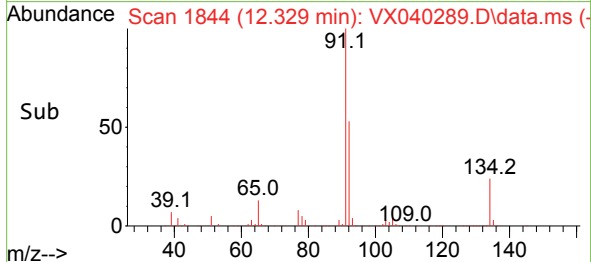
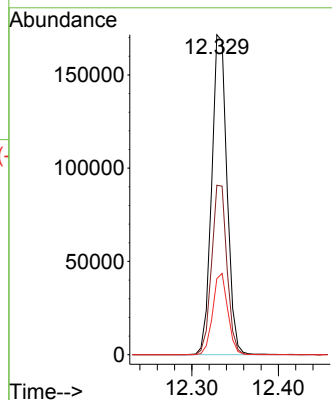
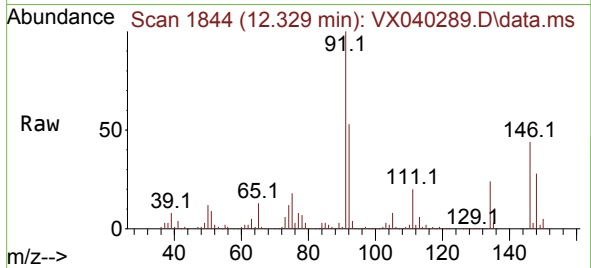




#89
n-Butylbenzene
Concen: 50.606 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

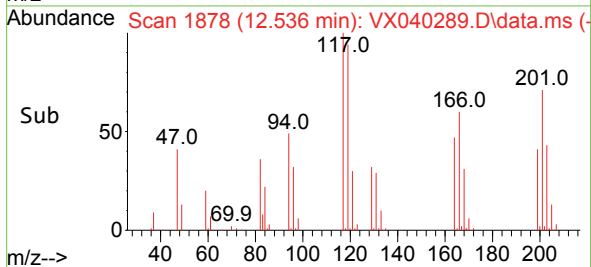
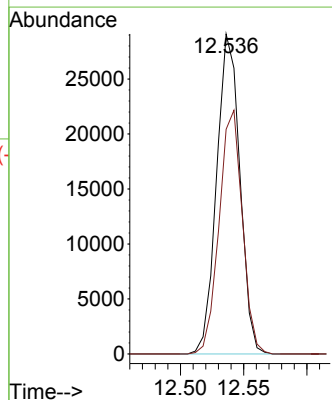
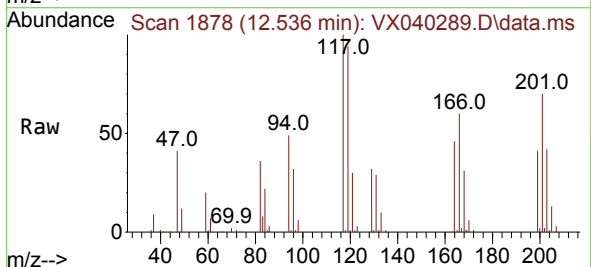
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

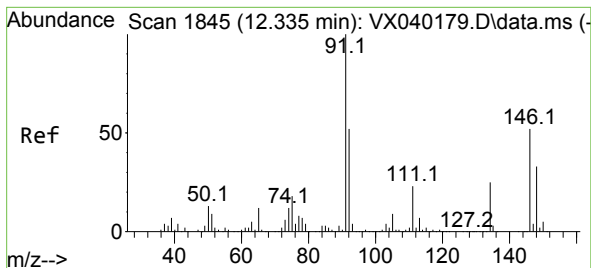
Tgt Ion: 91 Resp: 210565
Ion Ratio Lower Upper
91 100
92 53.2 27.4 82.0
134 25.0 12.6 37.8



#90
Hexachloroethane
Concen: 54.512 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion: 117 Resp: 37063
Ion Ratio Lower Upper
117 100
201 76.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 51.888 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

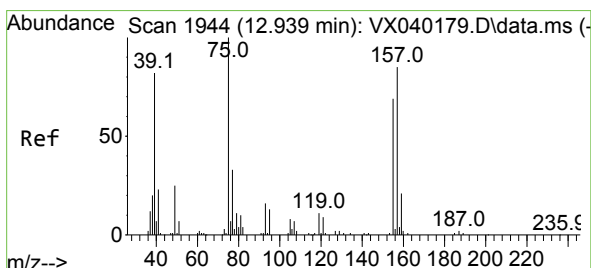
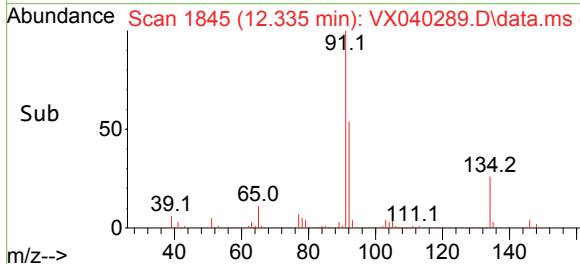
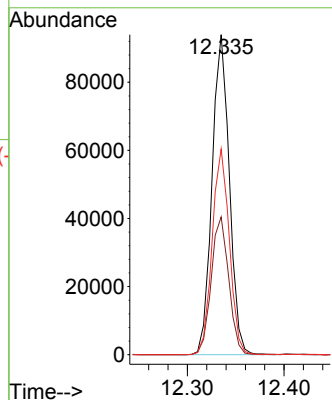
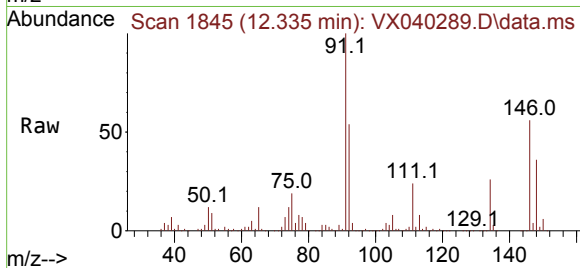
Tgt Ion:146 Resp: 116531

Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.386 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

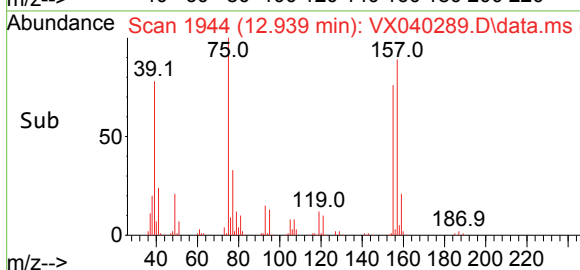
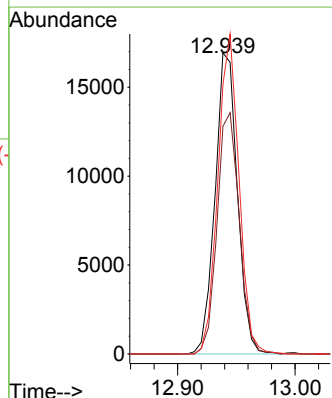
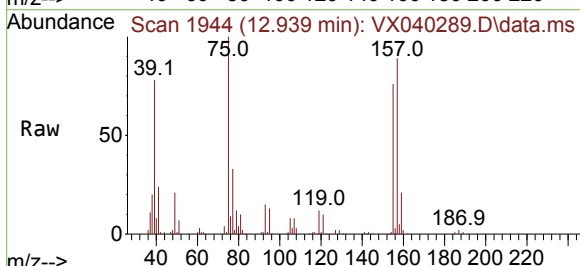
Tgt Ion: 75 Resp: 22356

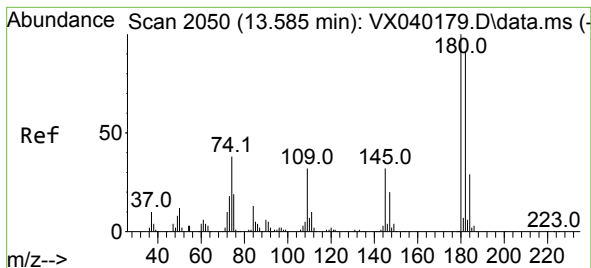
Ion Ratio Lower Upper

75 100

155 79.9 36.1 108.5

157 100.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.702 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

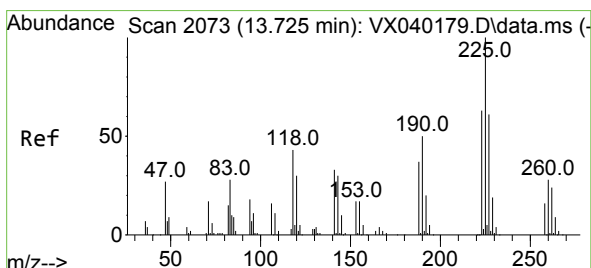
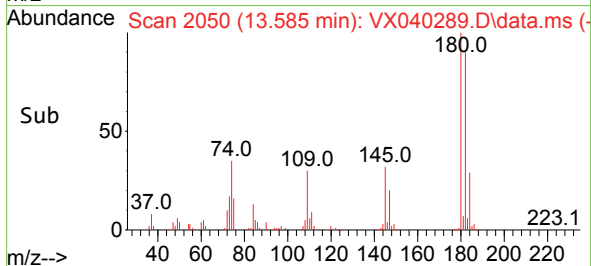
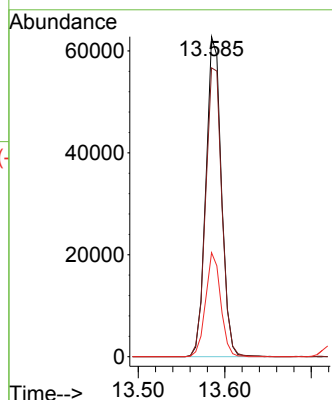
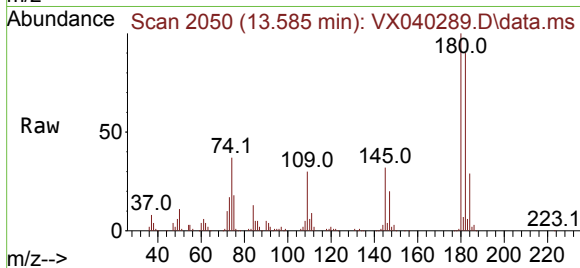
Tgt Ion:180 Resp: 77956

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

145 31.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 48.314 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040289.D

Acq: 16 Feb 2024 19:20

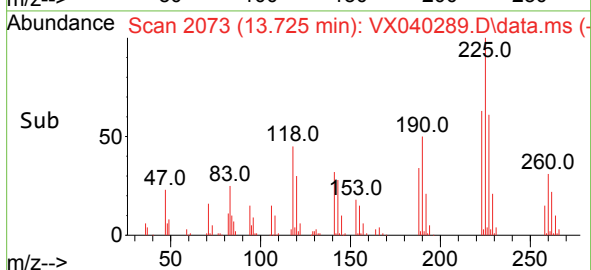
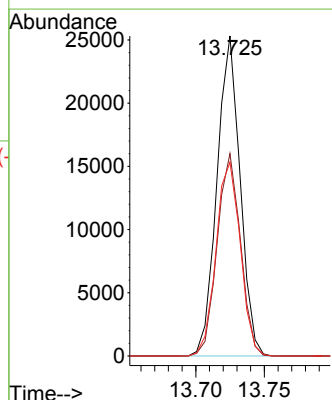
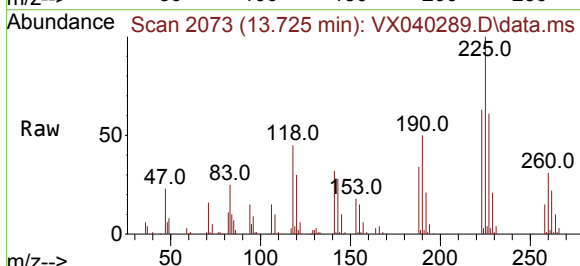
Tgt Ion:225 Resp: 29647

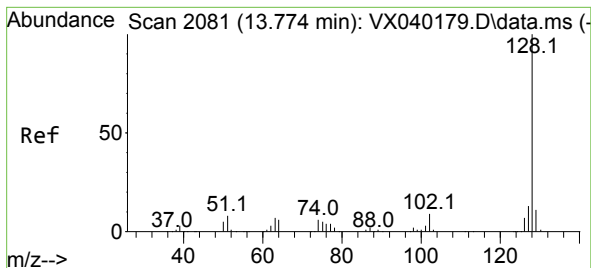
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.2

227 63.6 32.5 97.5

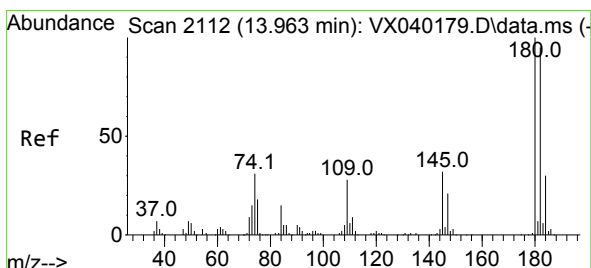
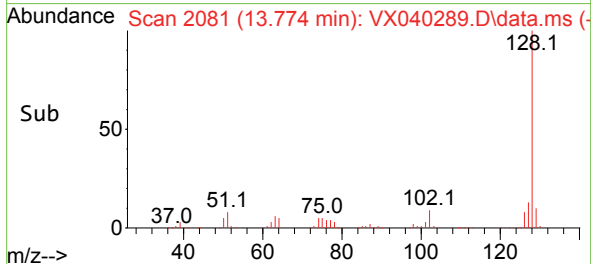
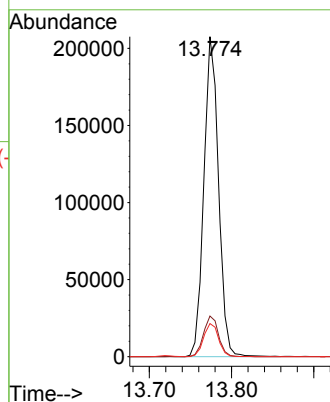
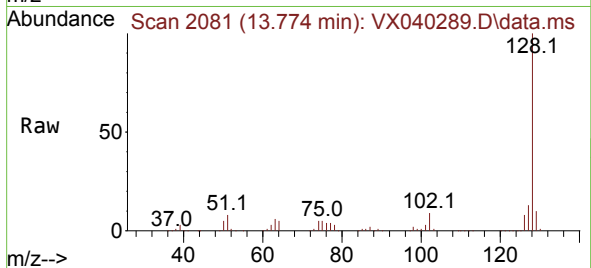




#95
Naphthalene
Concen: 52.860 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 256689
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.554 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040289.D
Acq: 16 Feb 2024 19:20

Tgt Ion:180 Resp: 77021
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 32.1 17.8 53.5

