

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041526.D
 Acq On : 14 May 2024 17:54
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 15 01:58:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131529	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	184387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86654	60.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.040%#
35) Dibromofluoromethane	5.385	113	70991	56.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.620%
50) Toluene-d8	8.647	98	243114	61.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	122.940%#
62) 4-Bromofluorobenzene	11.079	95	96301	62.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	125.800%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59657	55.198	ug/l	96
3) Chloromethane	1.301	50	55161	49.323	ug/l	98
4) Vinyl Chloride	1.374	62	59502	55.812	ug/l	98
5) Bromomethane	1.599	94	45362	67.872	ug/l	100
6) Chloroethane	1.666	64	37570	75.898	ug/l	93
7) Trichlorofluoromethane	1.867	101	117465	63.896	ug/l	99
8) Diethyl Ether	2.136	74	42663	65.841	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	63091	61.061	ug/l	88
10) Methyl Iodide	2.441	142	75604	67.986	ug/l	92
11) Tert butyl alcohol	3.008	59	81257	283.527	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	58837	57.726	ug/l	89
13) Acrolein	2.239	56	83941	369.198	ug/l	100
14) Allyl chloride	2.660	41	101750	59.420	ug/l	97
15) Acrylonitrile	3.068	53	195518	298.914	ug/l	98
16) Acetone	2.392	43	177937	237.970	ug/l	95
17) Carbon Disulfide	2.502	76	105464	44.018	ug/l	99
18) Methyl Acetate	2.709	43	95919	65.475	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	218373	58.773	ug/l	100
20) Methylene Chloride	2.788	84	68825	55.367	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	59808	52.507	ug/l	87
22) Diisopropyl ether	3.763	45	216505	59.657	ug/l	94
23) Vinyl Acetate	3.721	43	988406	304.464	ug/l	96
24) 1,1-Dichloroethane	3.605	63	118163	57.633	ug/l	97
25) 2-Butanone	4.568	43	285316	307.868	ug/l	96
26) 2,2-Dichloropropane	4.471	77	97293	56.756	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	77455	57.431	ug/l	91
28) Bromochloromethane	4.897	49	40977	56.001	ug/l	# 79
29) Tetrahydrofuran	5.013	42	184298	304.077	ug/l	97
30) Chloroform	5.093	83	129464	60.694	ug/l	97
31) Cyclohexane	5.464	56	90857	52.575	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	114695	59.101	ug/l	98
36) 1,1-Dichloropropene	5.690	75	79173	52.989	ug/l	95
37) Ethyl Acetate	4.721	43	112491	60.339	ug/l	100
38) Carbon Tetrachloride	5.672	117	95592	55.847	ug/l	98
39) Methylcyclohexane	7.379	83	96815	55.155	ug/l	93
40) Benzene	6.037	78	258166	56.049	ug/l	100

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 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 01:58:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58056	60.505	ug/l	94
42) 1,2-Dichloroethane	6.086	62	100937	59.795	ug/l	97
43) Isopropyl Acetate	6.348	43	170107	60.686	ug/l	99
44) Trichloroethene	7.123	130	71609	58.876	ug/l	88
45) 1,2-Dichloropropane	7.427	63	64043	62.231	ug/l	99
46) Dibromomethane	7.580	93	49686	60.648	ug/l #	79
47) Bromodichloromethane	7.824	83	95138	65.167	ug/l	98
48) Methyl methacrylate	7.696	41	83939	65.325	ug/l	94
49) 1,4-Dioxane	7.671	88	34848	1254.373	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	588010	349.592	ug/l	100
52) Toluene	8.720	92	169951	60.317	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	94332	65.215	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	101103	62.994	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	72017	66.369	ug/l	98
56) Ethyl methacrylate	9.116	69	116271	69.236	ug/l	97
57) 1,3-Dichloropropane	9.311	76	116174	64.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	258337	317.261	ug/l	94
59) 2-Hexanone	9.433	43	456482	339.398	ug/l	98
60) Dibromochloromethane	9.519	129	84006	65.762	ug/l	98
61) 1,2-Dibromoethane	9.610	107	75463	63.214	ug/l	100
64) Tetrachloroethene	9.275	164	70425	56.314	ug/l	90
65) Chlorobenzene	10.079	112	201478	57.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74528	60.163	ug/l	98
67) Ethyl Benzene	10.195	91	330996	57.224	ug/l	99
68) m/p-Xylenes	10.299	106	260024	112.258	ug/l	95
69) o-Xylene	10.640	106	130968	59.052	ug/l	95
70) Styrene	10.652	104	224888	61.795	ug/l	96
71) Bromoform	10.799	173	67643	61.016	ug/l #	98
73) Isopropylbenzene	10.963	105	344585	55.681	ug/l	97
74) N-amyl acetate	10.841	43	159095	58.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120774	59.557	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	132574	80.240	ug/l	90
77) Bromobenzene	11.195	156	99738	57.102	ug/l	79
78) n-propylbenzene	11.305	91	377396	58.062	ug/l	96
79) 2-Chlorotoluene	11.366	91	234765	56.048	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	287861	57.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	34723	57.245	ug/l	99
82) 4-Chlorotoluene	11.451	91	269023	56.574	ug/l	92
83) tert-Butylbenzene	11.713	119	312846	57.909	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	292244	57.571	ug/l	94
85) sec-Butylbenzene	11.890	105	364317	58.845	ug/l	95
86) p-Isopropyltoluene	12.006	119	324025	58.274	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	181116	57.048	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	181989	55.638	ug/l	95
89) n-Butylbenzene	12.329	91	257349	57.558	ug/l	97
90) Hexachloroethane	12.536	117	53970	58.040	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	187234	55.835	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26511	56.575	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	129400	55.205	ug/l	96
94) Hexachlorobutadiene	13.725	225	62436	53.340	ug/l	98
95) Naphthalene	13.774	128	396204	57.039	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	135533	56.576	ug/l	96

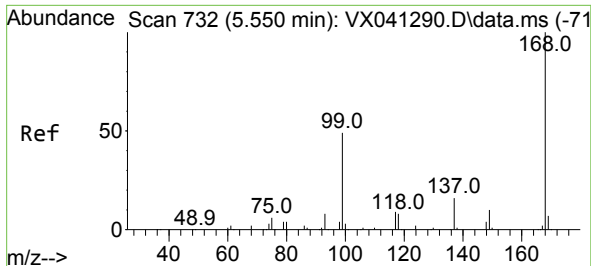
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Acq On : 14 May 2024 17:54
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VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

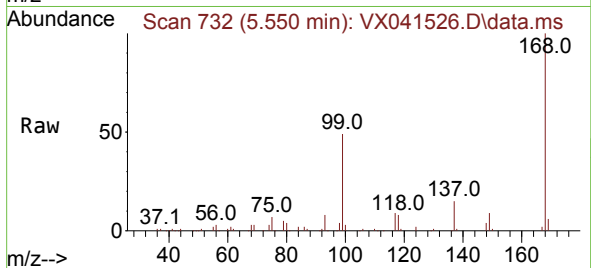
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

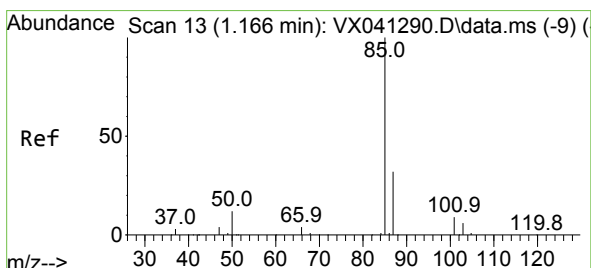
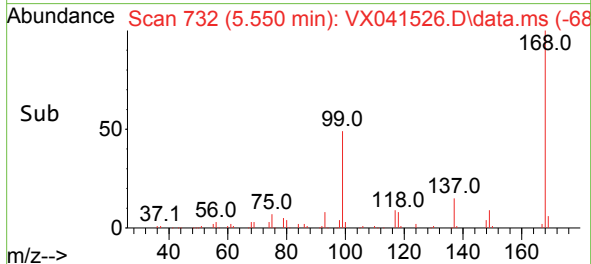
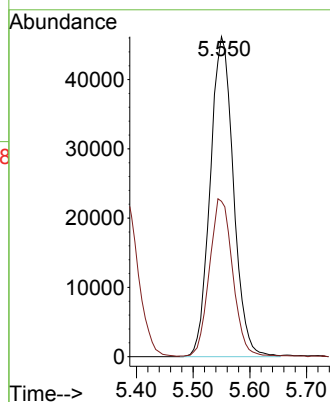


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

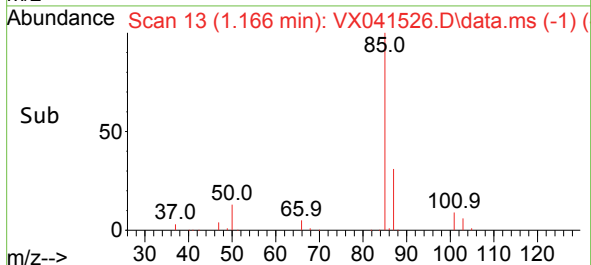
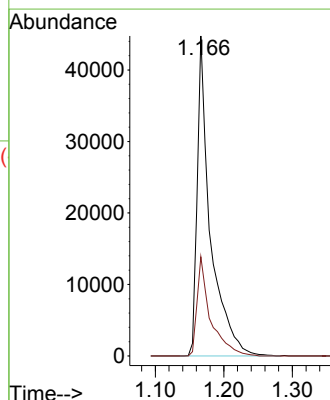
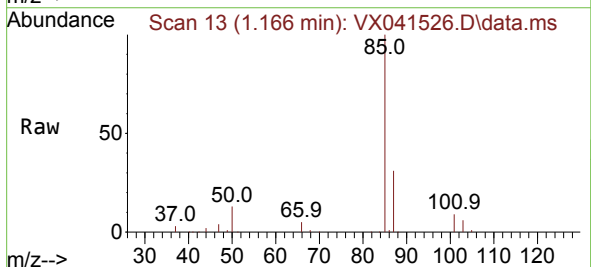


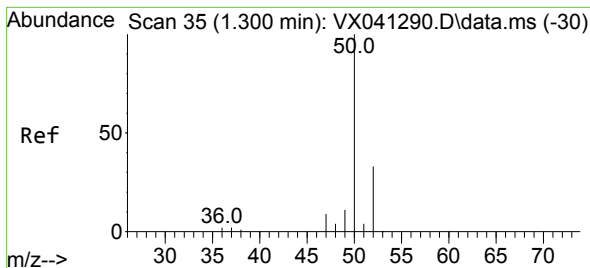
Tgt Ion:168 Resp: 131529
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 55.198 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 85 Resp: 59657
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3

Chloromethane

Concen: 49.323 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

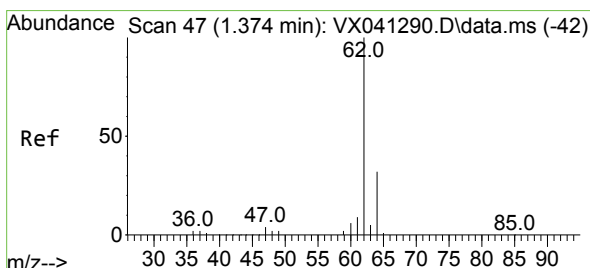
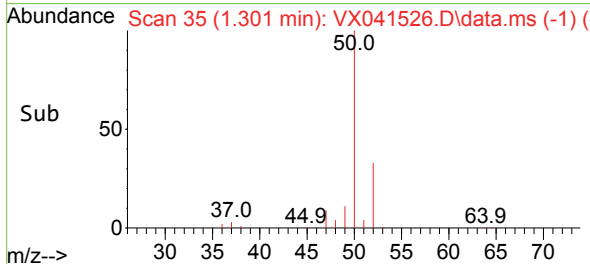
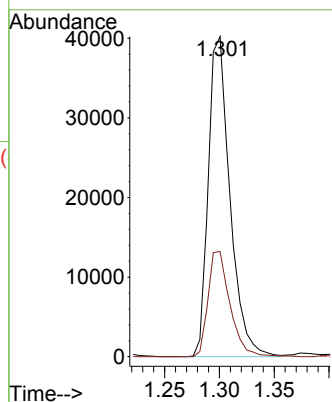
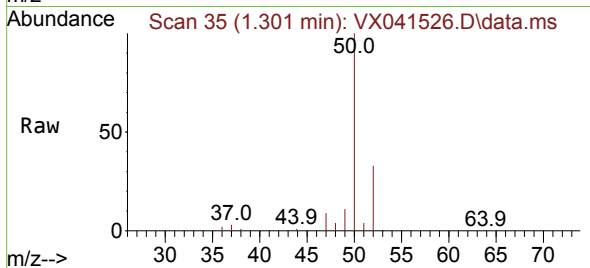
VSTDCCC050EC

Tgt Ion: 50 Resp: 55161

Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3



#4

Vinyl Chloride

Concen: 55.812 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041526.D

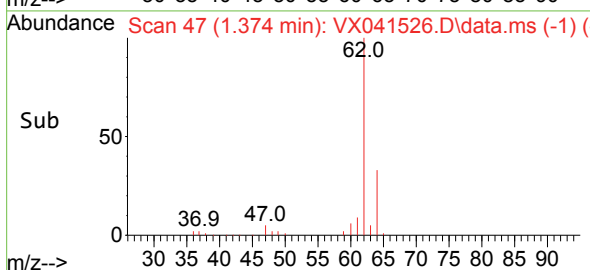
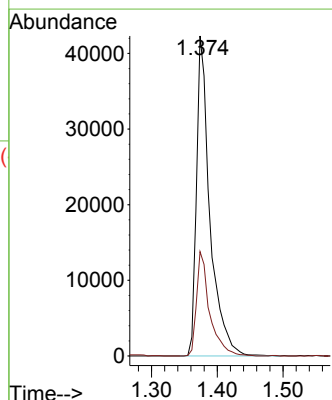
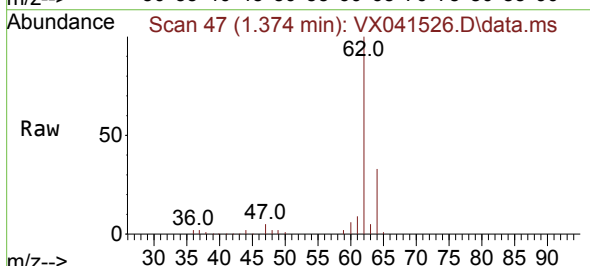
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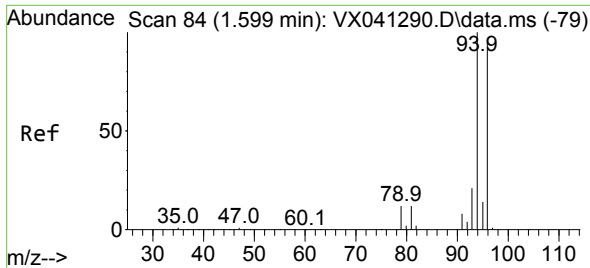
Tgt Ion: 62 Resp: 59502

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0

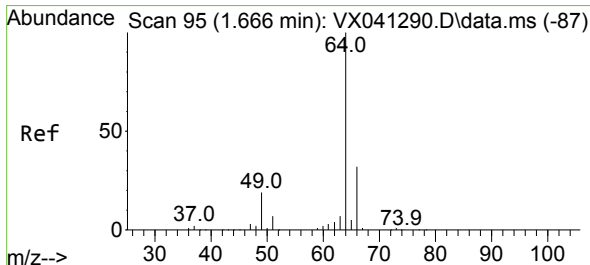
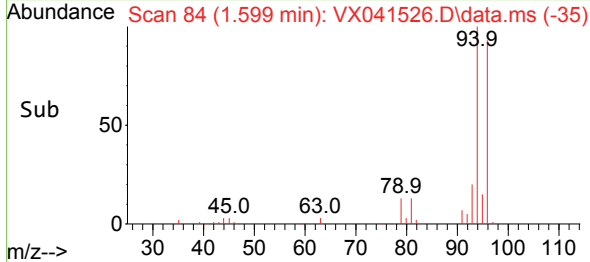
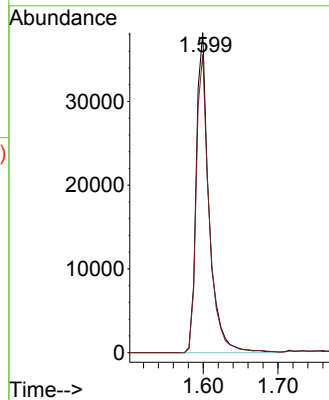
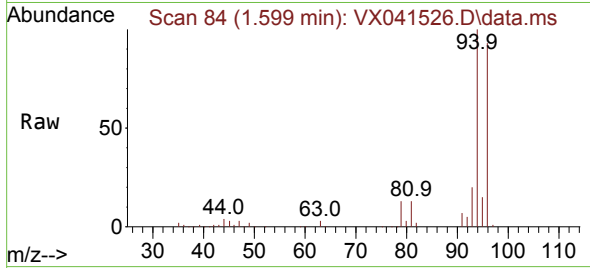




#5
Bromomethane
Concen: 67.872 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

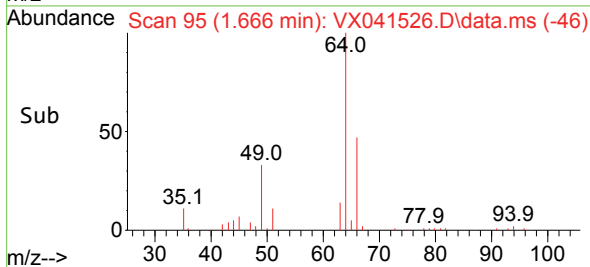
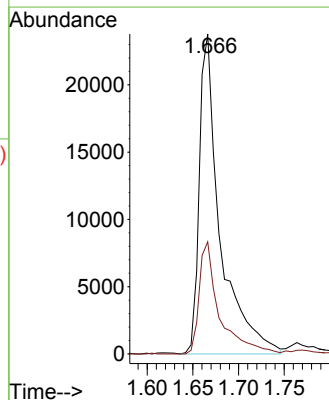
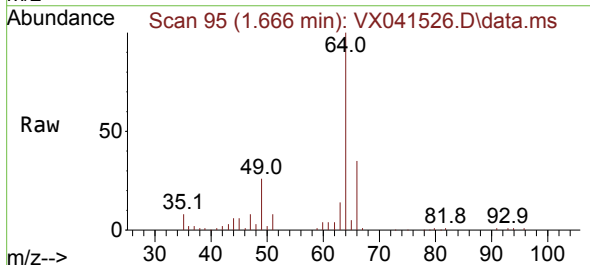
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

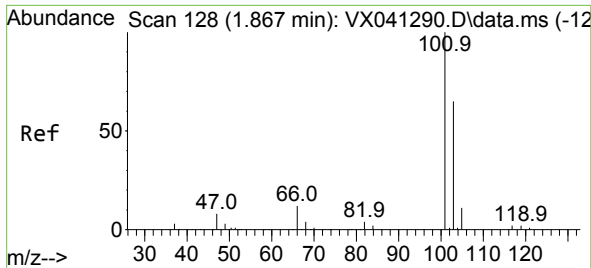
Tgt Ion: 94 Resp: 45362
Ion Ratio Lower Upper
94 100
96 93.1 74.6 111.8



#6
Chloroethane
Concen: 75.898 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 64 Resp: 37570
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7

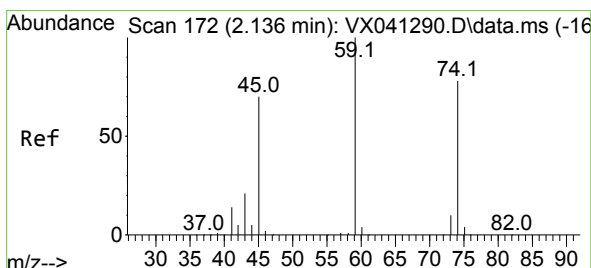
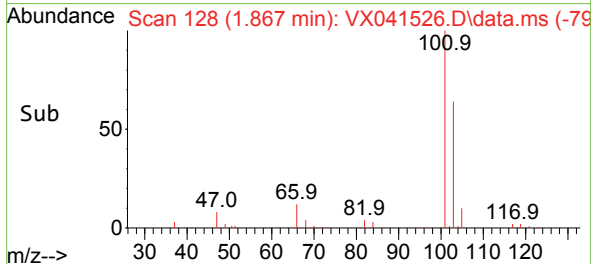
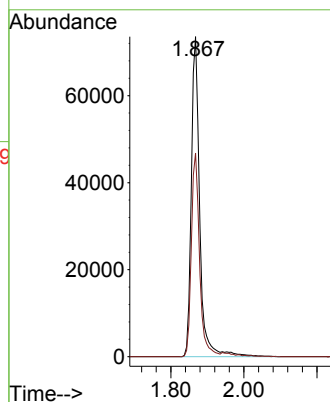
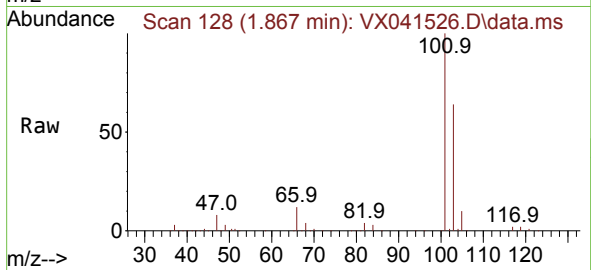




#7
 Trichlorofluoromethane
 Concen: 63.896 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

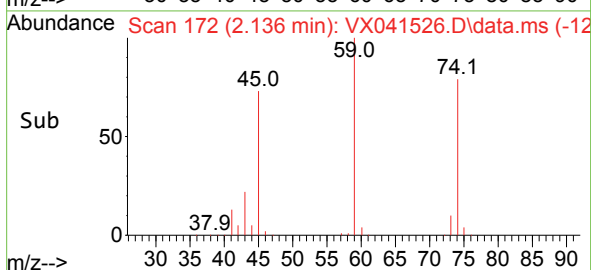
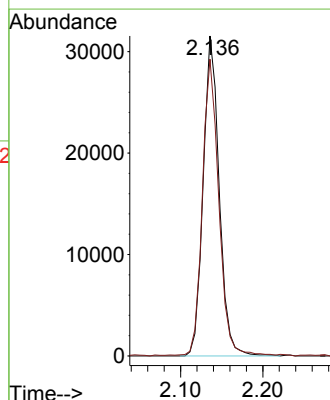
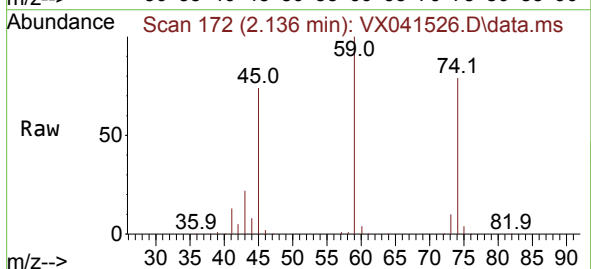
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

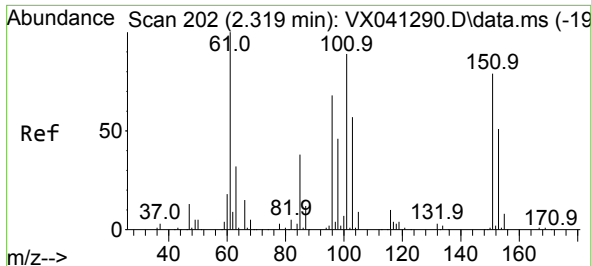
Tgt Ion:101 Resp: 117465
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 65.841 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

Tgt Ion: 74 Resp: 42663
 Ion Ratio Lower Upper
 74 100
 45 94.2 53.3 159.8

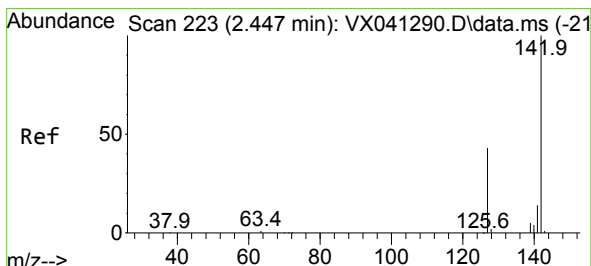
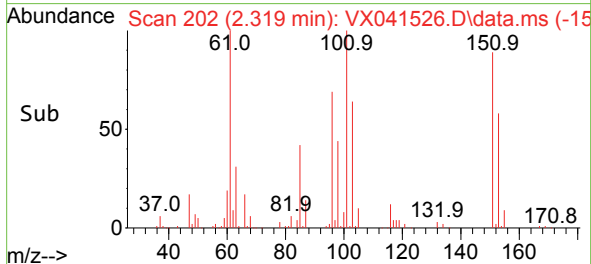
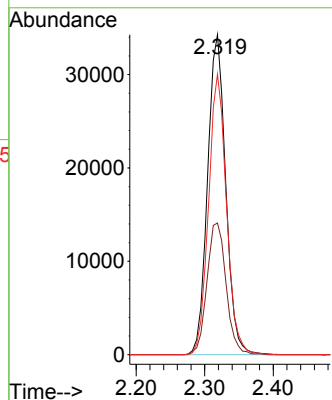
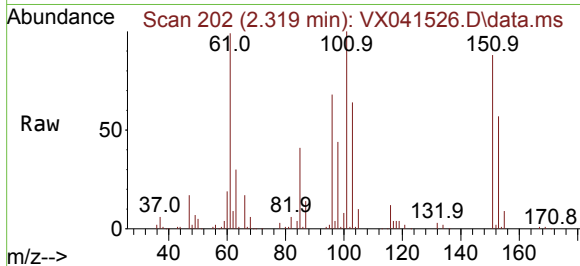




#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.061 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

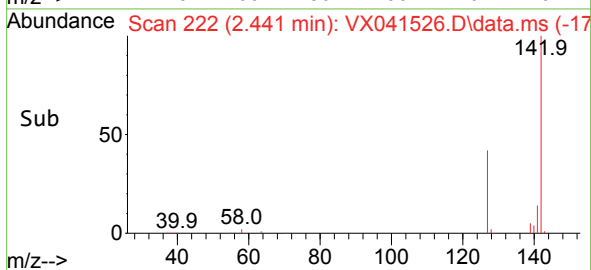
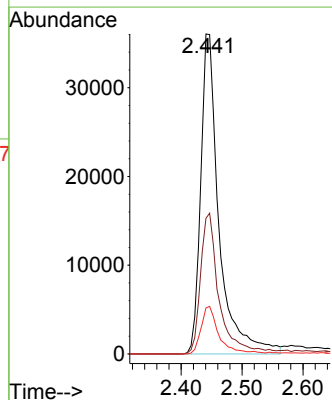
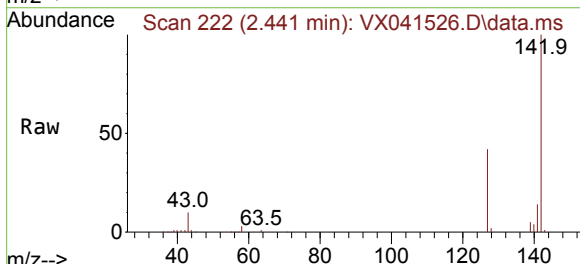
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

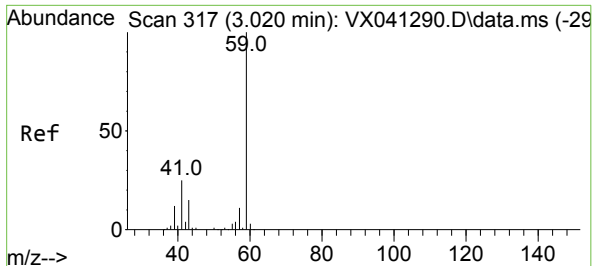
Tgt Ion:101 Resp: 63091
Ion Ratio Lower Upper
101 100
85 43.6 37.0 55.6
151 87.0 58.6 87.8



#10
Methyl Iodide
Concen: 67.986 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:142 Resp: 75604
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 283.527 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

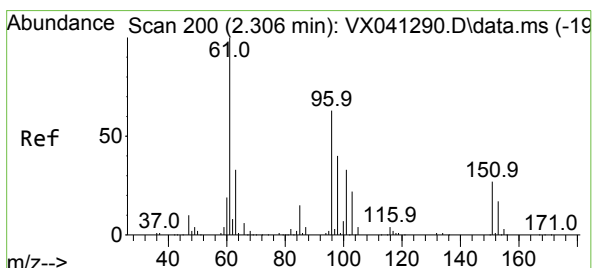
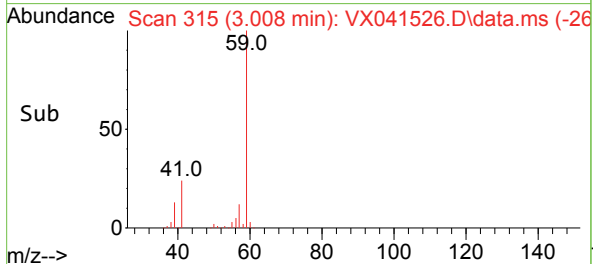
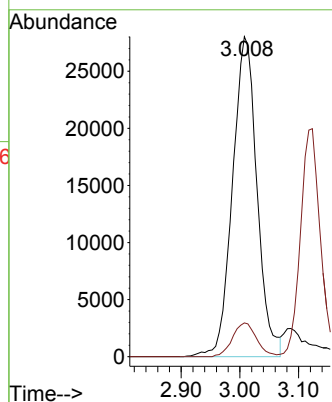
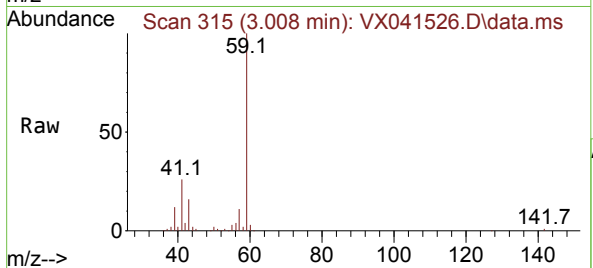
VSTDCCC050EC

Tgt Ion: 59 Resp: 81257

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 57.726 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

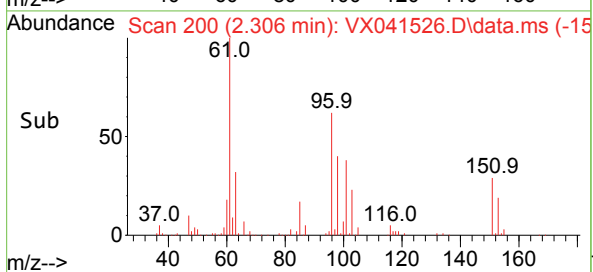
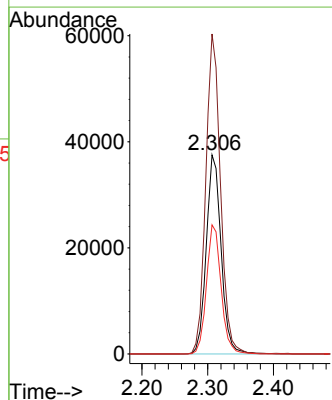
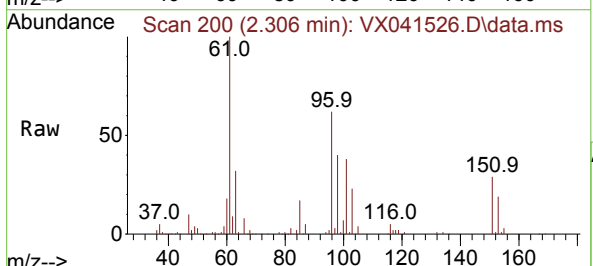
Tgt Ion: 96 Resp: 58837

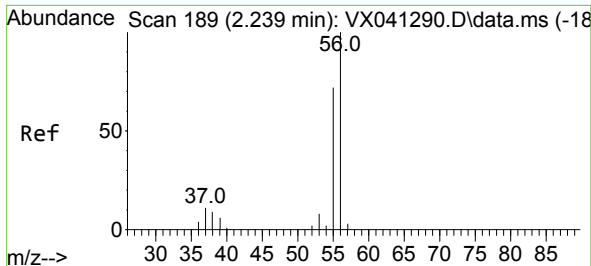
Ion Ratio Lower Upper

96 100

61 160.8 144.6 216.8

98 64.9 50.4 75.6





#13

Acrolein

Concen: 369.198 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

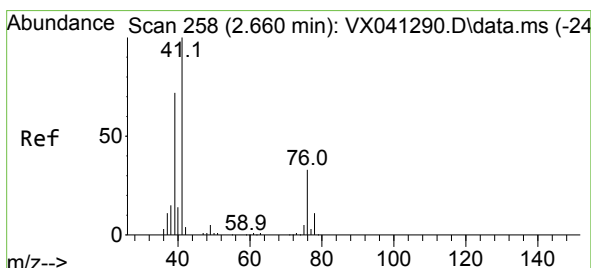
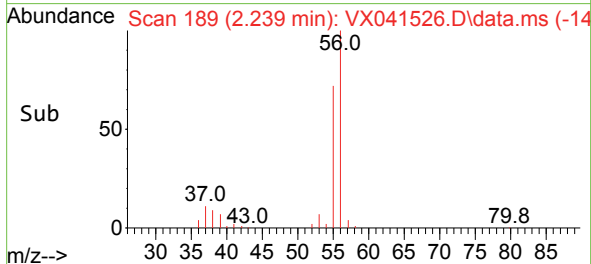
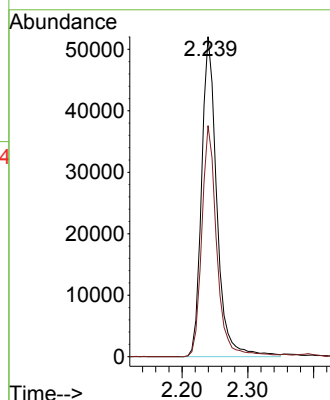
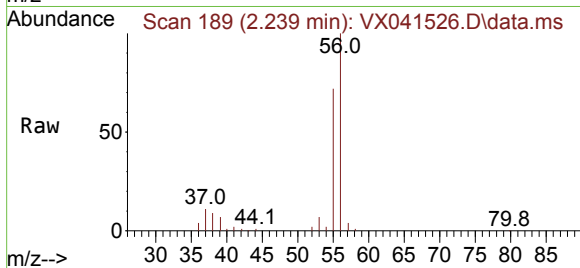
VSTDCCC050EC

Tgt Ion: 56 Resp: 83941

Ion Ratio Lower Upper

56 100

55 71.1 57.1 85.7



#14

Allyl chloride

Concen: 59.420 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

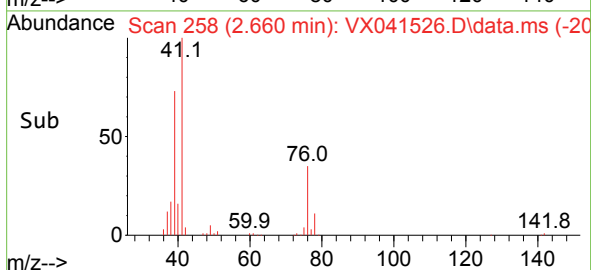
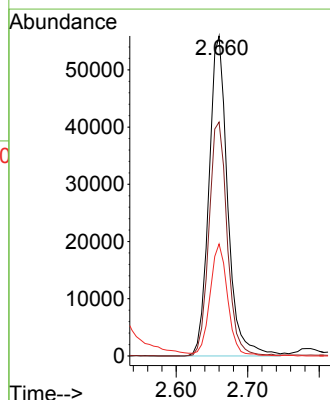
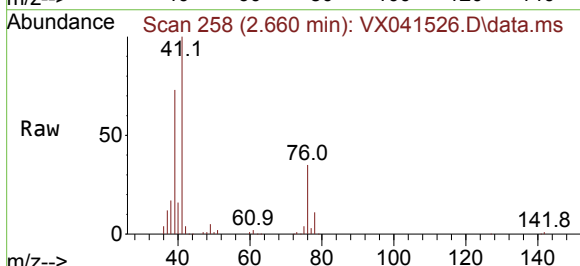
Tgt Ion: 41 Resp: 101750

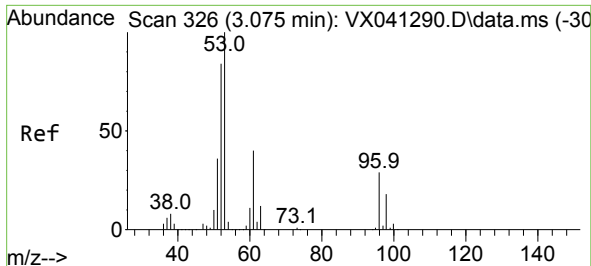
Ion Ratio Lower Upper

41 100

39 71.6 55.8 83.6

76 32.9 24.3 36.5

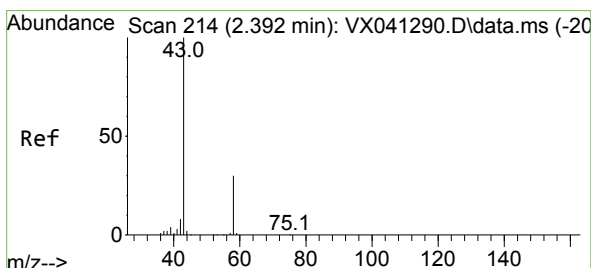
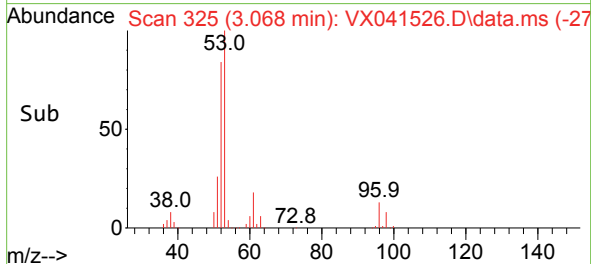
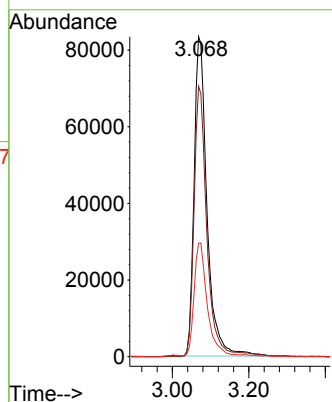
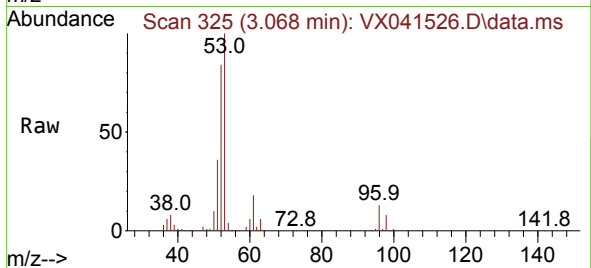




#15
Acrylonitrile
Concen: 298.914 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

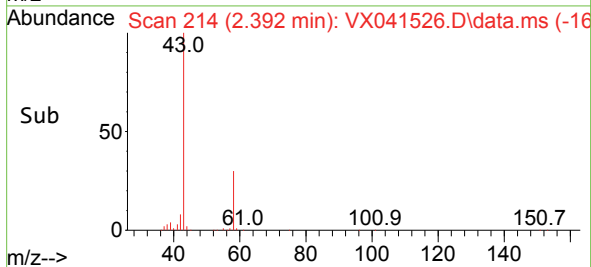
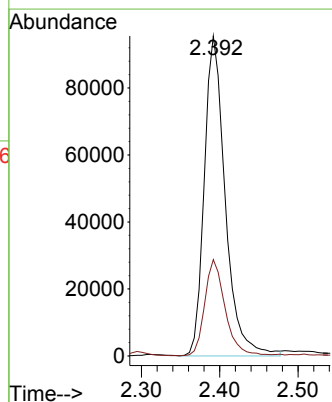
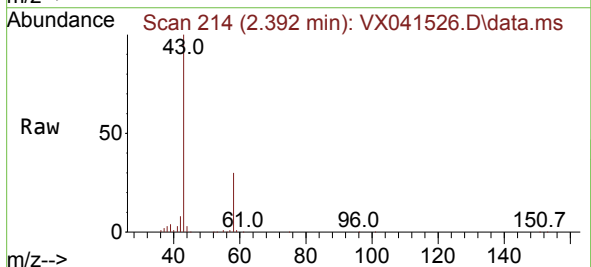
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

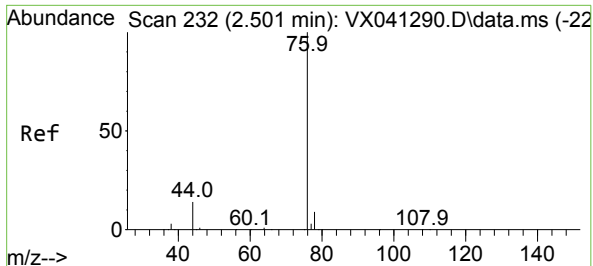
Tgt Ion: 53 Resp: 195518
Ion Ratio Lower Upper
53 100
52 84.5 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 237.970 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 43 Resp: 177937
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#17

Carbon Disulfide

Concen: 44.018 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

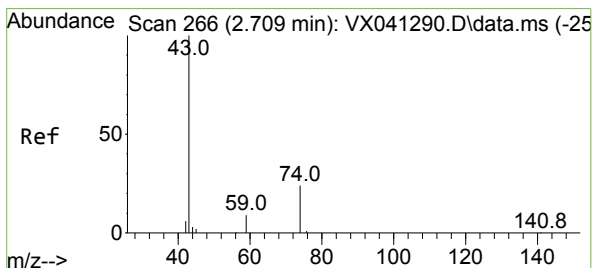
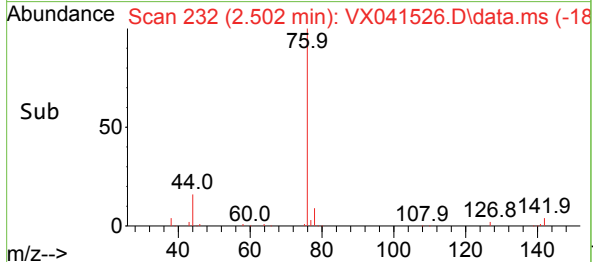
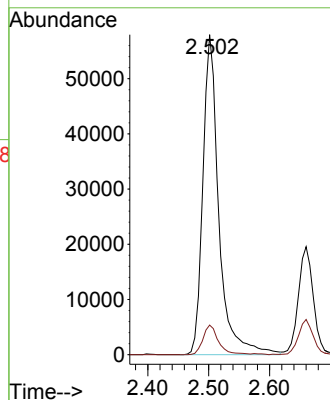
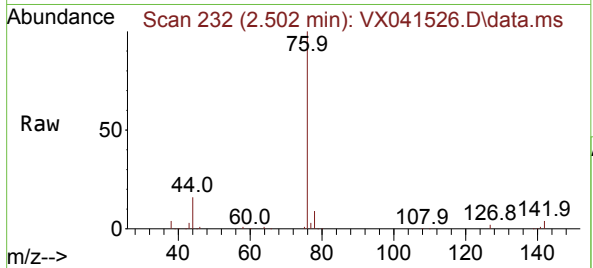
VSTDCCC050EC

Tgt Ion: 76 Resp: 105464

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 65.475 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041526.D

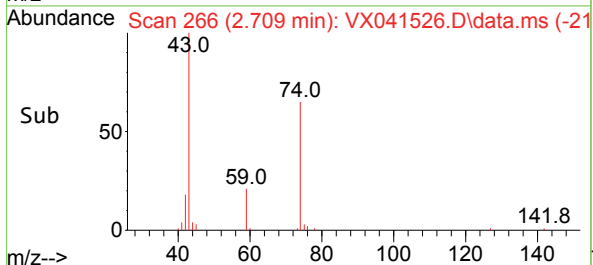
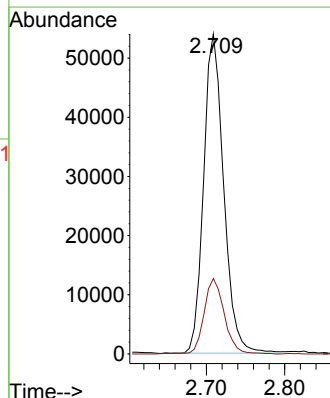
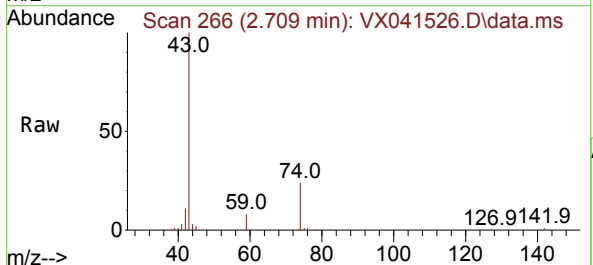
Acq: 14 May 2024 17:54

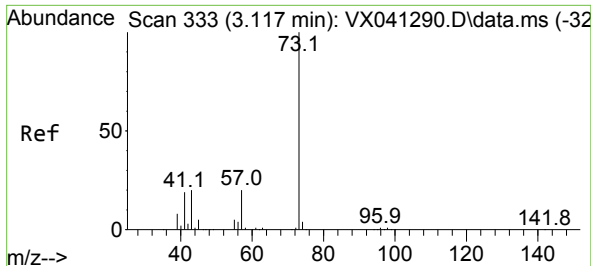
Tgt Ion: 43 Resp: 95919

Ion Ratio Lower Upper

43 100

74 23.9 17.8 26.8

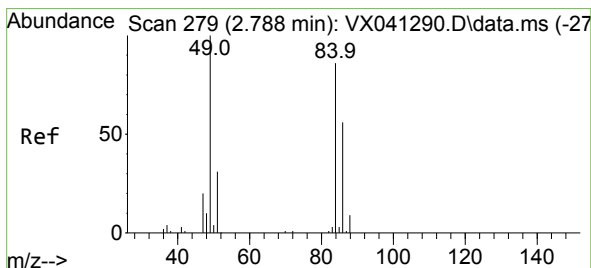
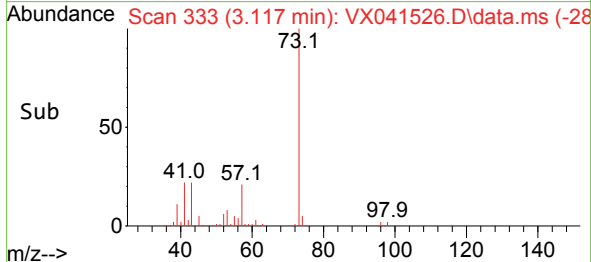
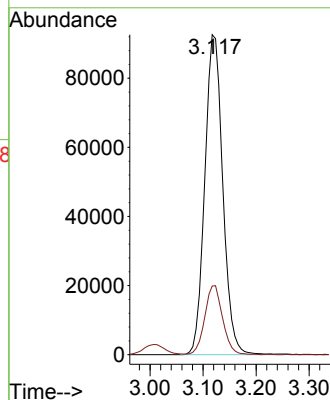
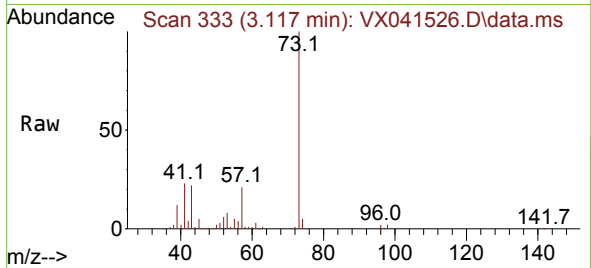




#19
Methyl tert-butyl Ether
Concen: 58.773 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

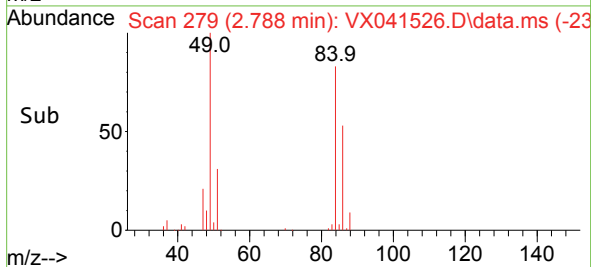
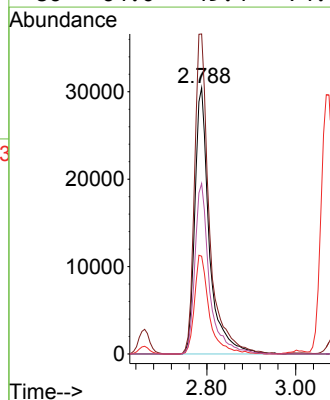
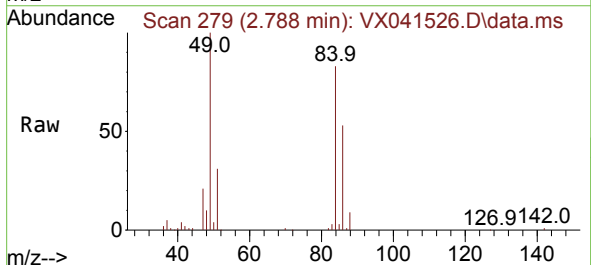
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 218373
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 55.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 84 Resp: 68825
Ion Ratio Lower Upper
84 100
49 120.3 103.6 155.4
51 36.8 33.8 50.6
86 64.0 49.4 74.0

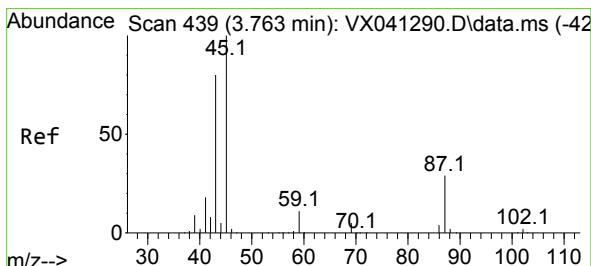
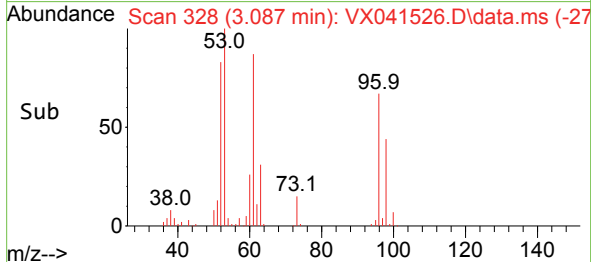
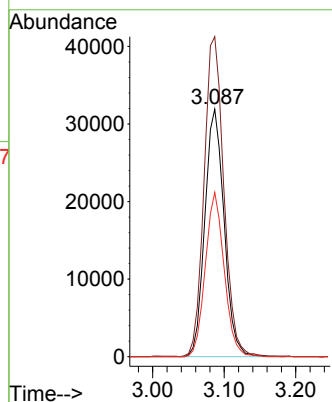
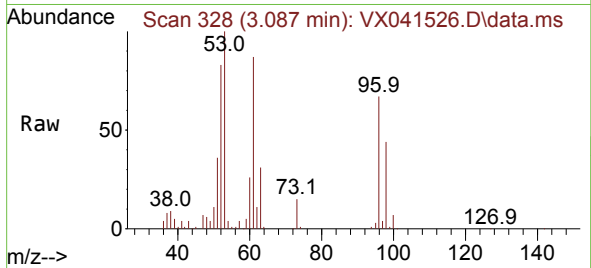




#21
trans-1,2-Dichloroethene
Concen: 52.507 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

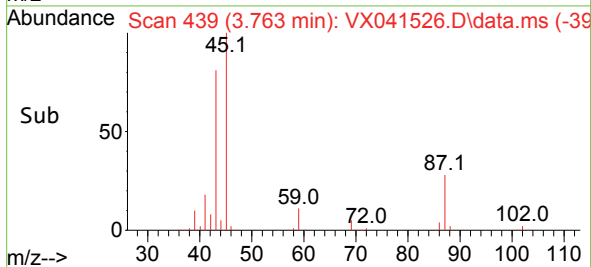
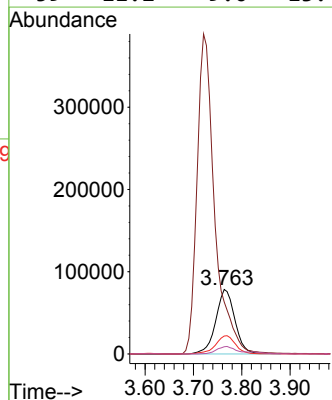
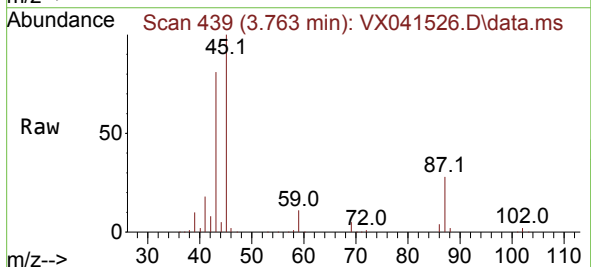
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

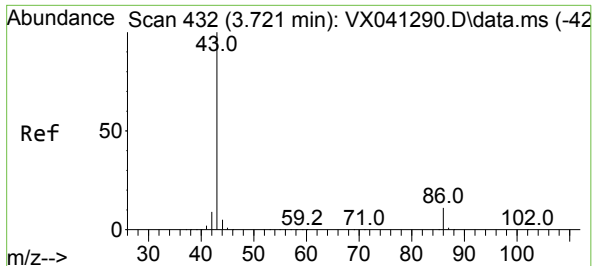
Tgt Ion: 96 Resp: 59808
Ion Ratio Lower Upper
96 100
61 129.3 119.2 178.8
98 66.4 48.7 73.1



#22
Diisopropyl ether
Concen: 59.657 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 45 Resp: 216505
Ion Ratio Lower Upper
45 100
43 80.4 69.7 104.5
87 27.7 20.8 31.2
59 11.2 9.0 13.4

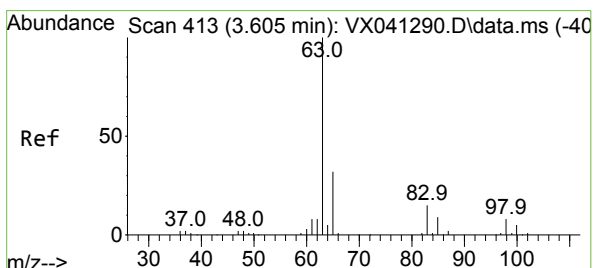
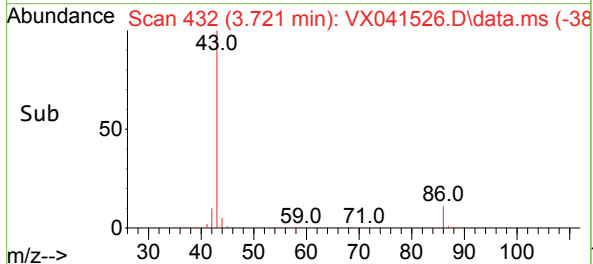
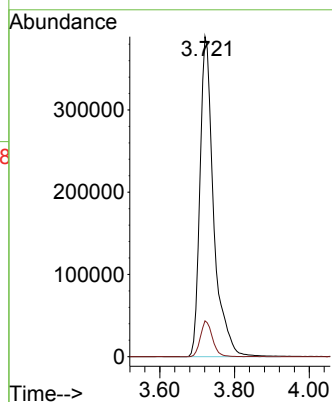
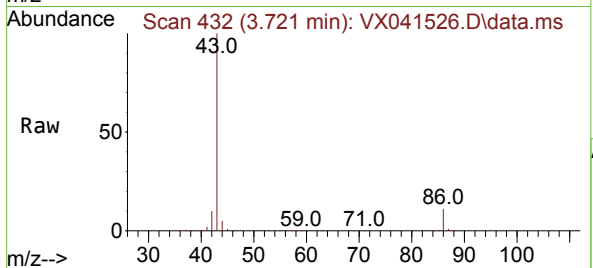




#23
 Vinyl Acetate
 Concen: 304.464 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

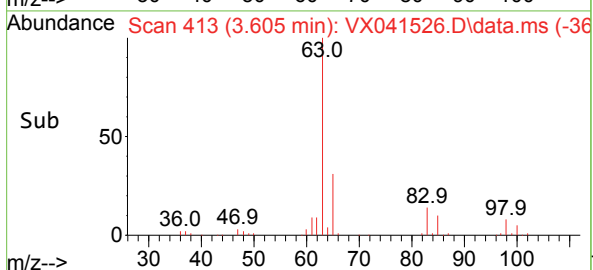
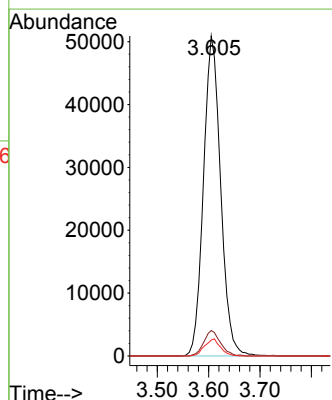
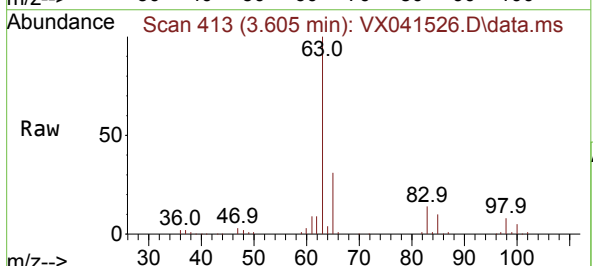
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

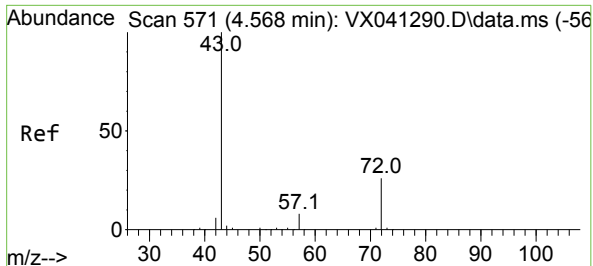
Tgt Ion: 43 Resp: 988406
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 57.633 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

Tgt Ion: 63 Resp: 118163
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 4.9 2.1 6.5

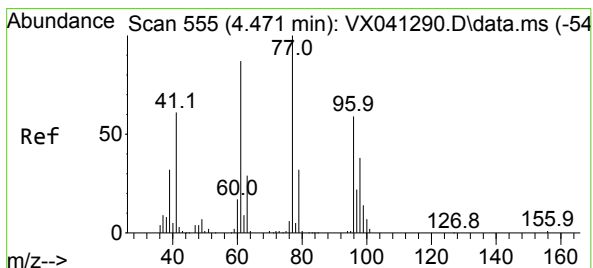
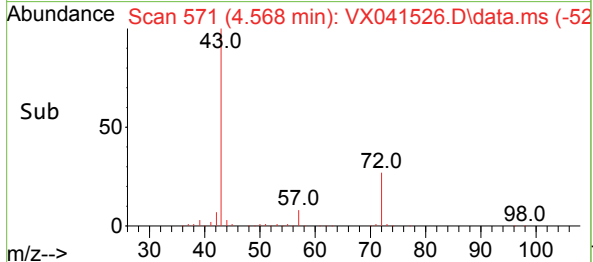
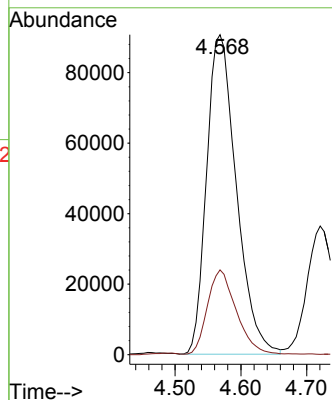
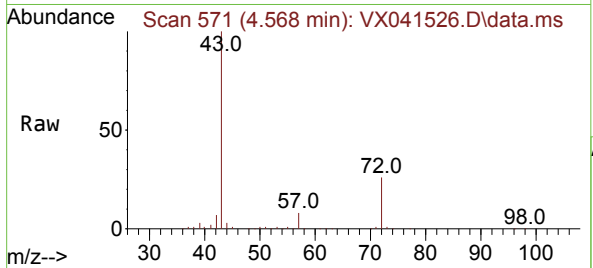




#25
2-Butanone
Concen: 307.868 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

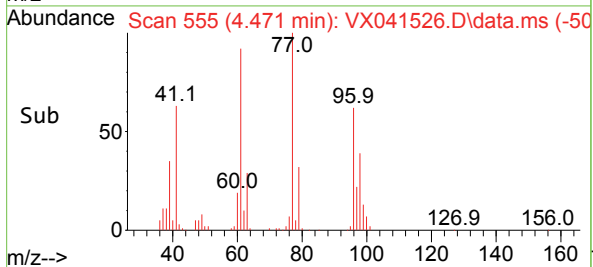
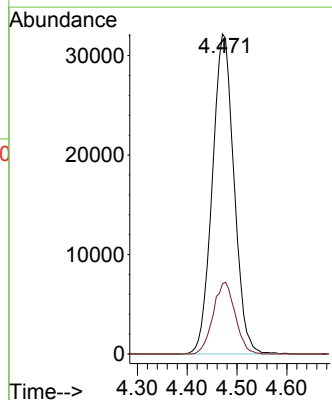
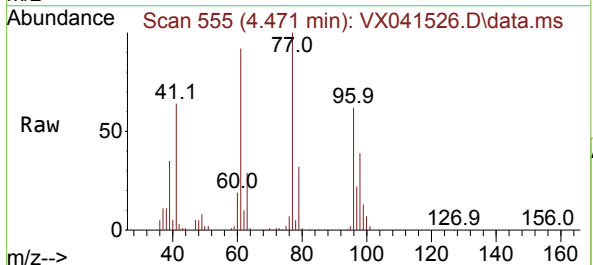
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 285316
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 56.756 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 77 Resp: 97293
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 57.431 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

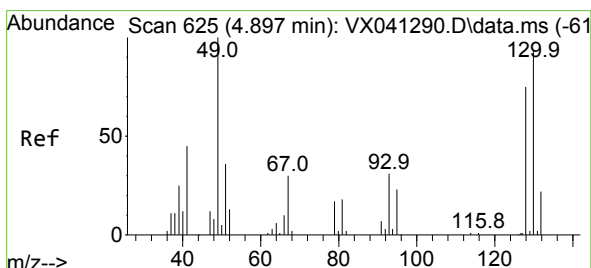
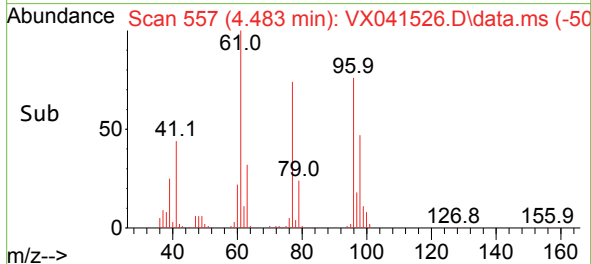
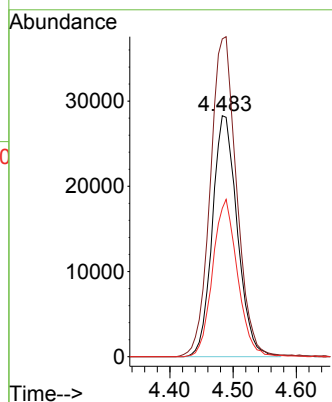
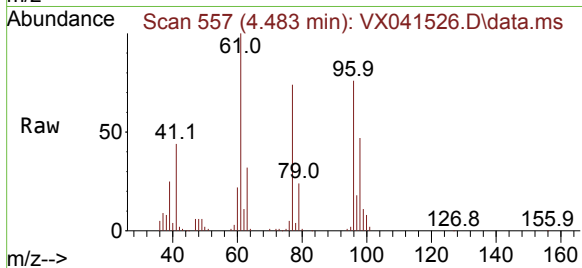
Tgt Ion: 96 Resp: 77455

Ion Ratio Lower Upper

96 100

61 140.1 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 56.001 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

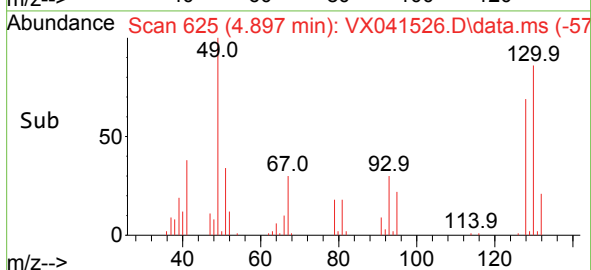
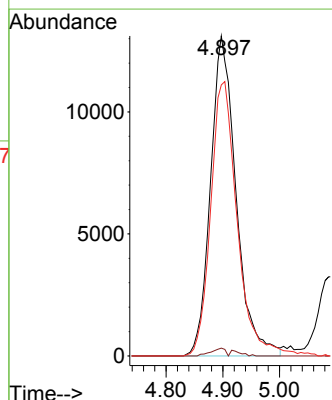
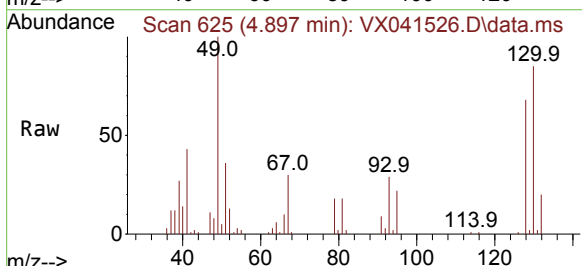
Tgt Ion: 49 Resp: 40977

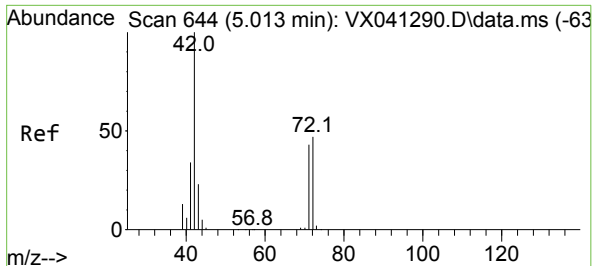
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 89.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 304.077 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

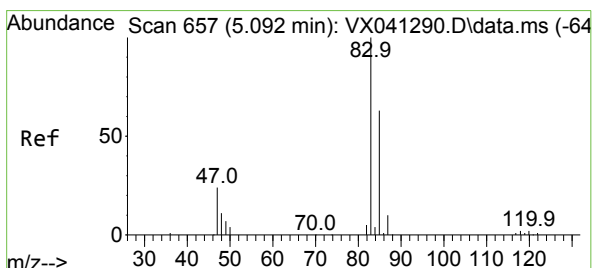
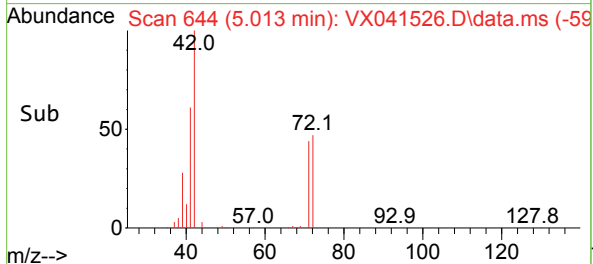
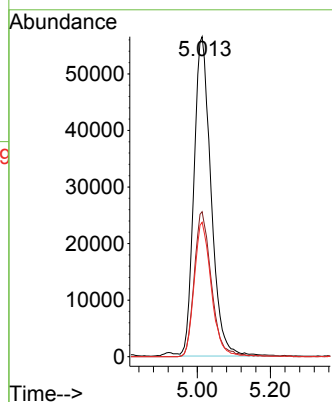
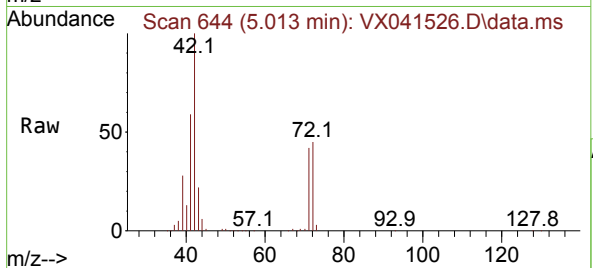
Tgt Ion: 42 Resp: 184298

Ion Ratio Lower Upper

42 100

72 45.5 34.2 51.4

71 41.8 32.2 48.2



#30

Chloroform

Concen: 60.694 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041526.D

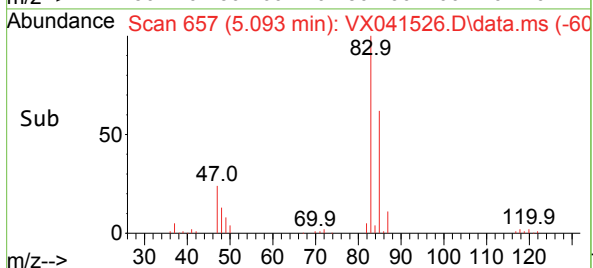
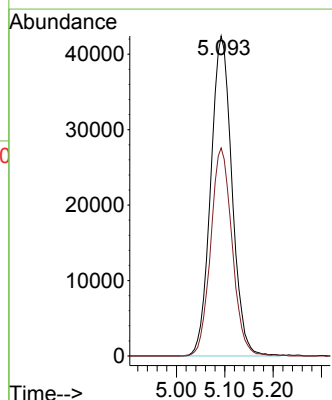
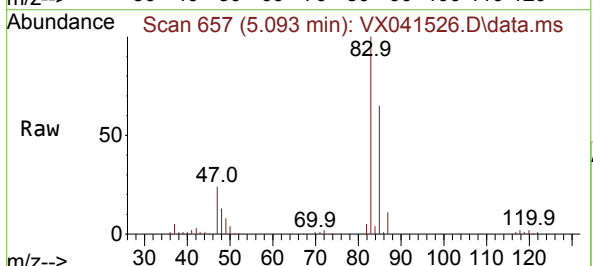
Acq: 14 May 2024 17:54

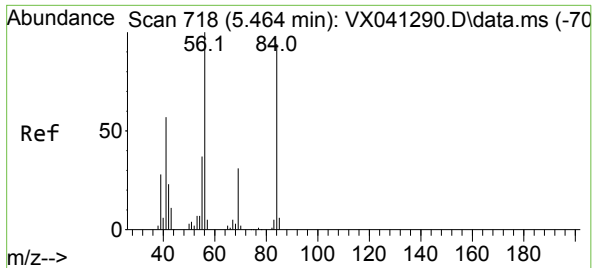
Tgt Ion: 83 Resp: 129464

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

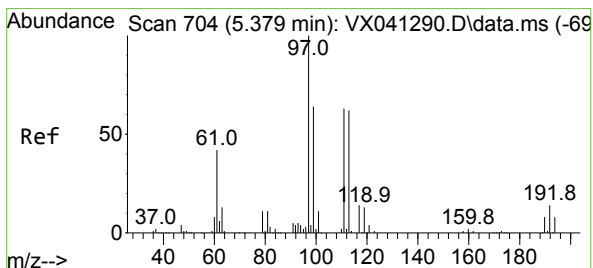
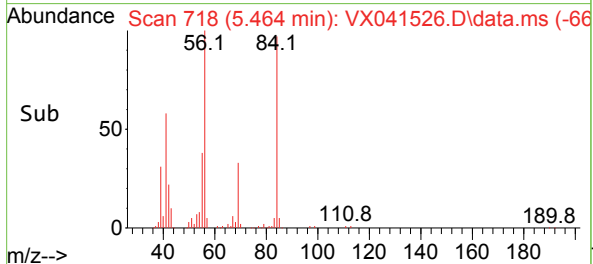
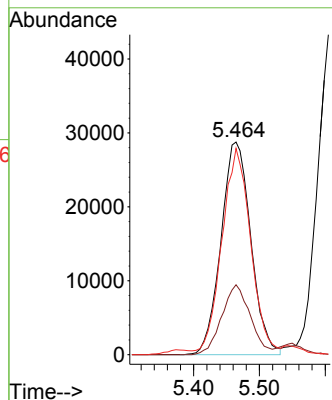
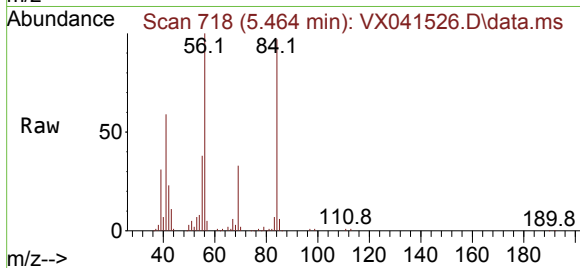




#31
Cyclohexane
Concen: 52.575 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

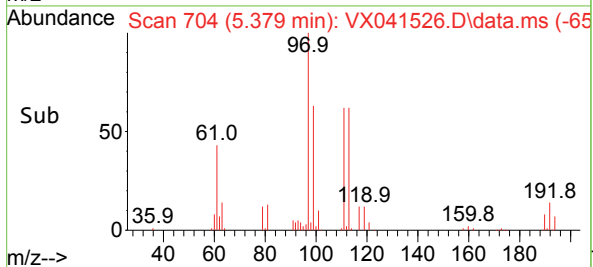
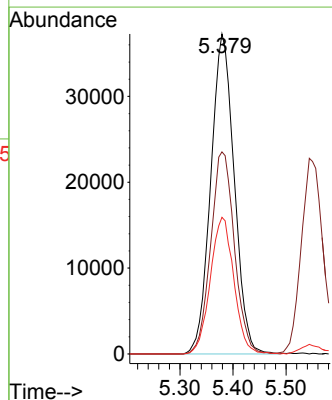
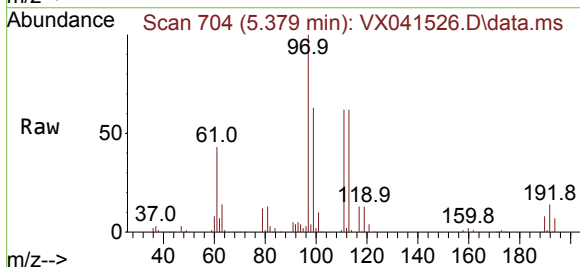
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

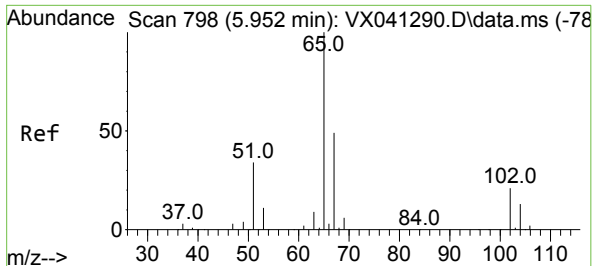
Tgt Ion: 56 Resp: 90857
Ion Ratio Lower Upper
56 100
69 32.9 23.4 35.2
84 94.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 59.101 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 97 Resp: 114695
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 60.518 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

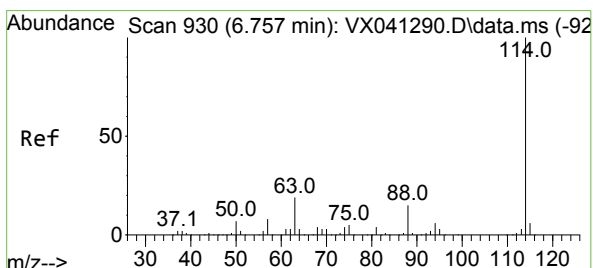
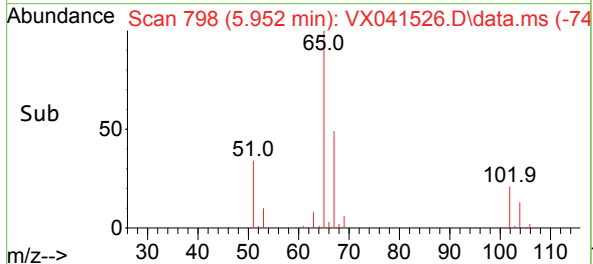
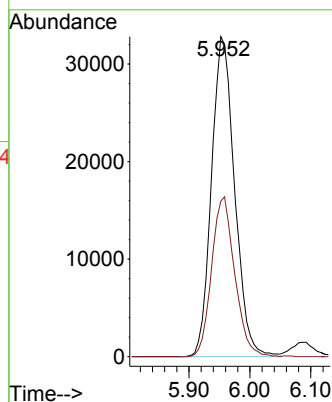
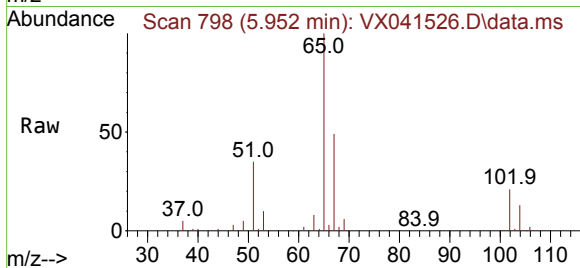
VSTDCCC050EC

Tgt Ion: 65 Resp: 86654

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

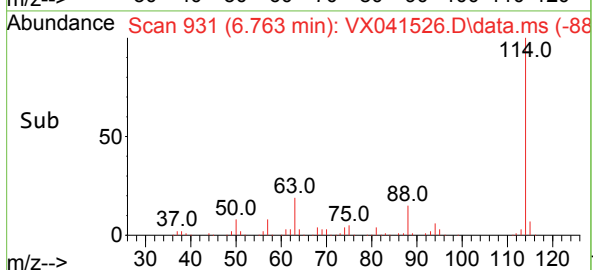
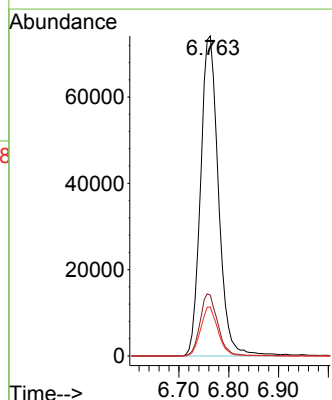
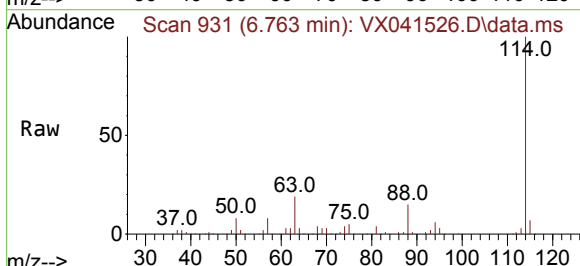
Tgt Ion: 114 Resp: 184387

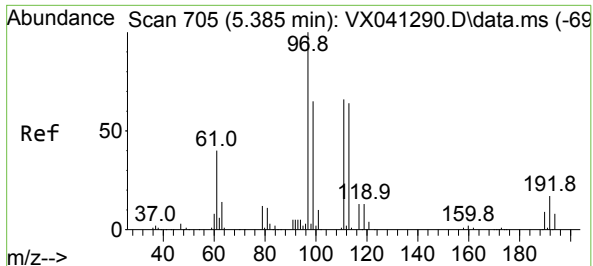
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.3 0.0 36.6

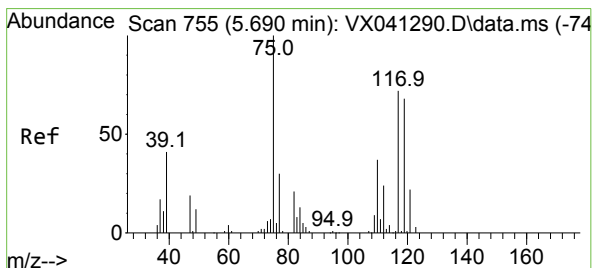
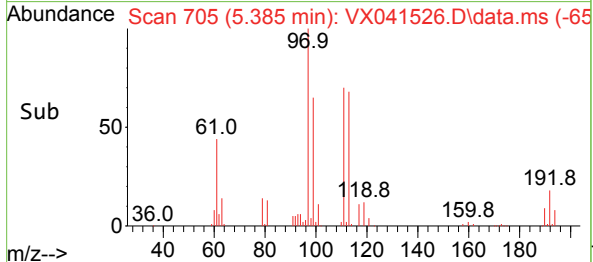
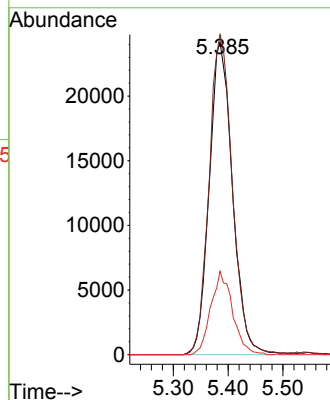
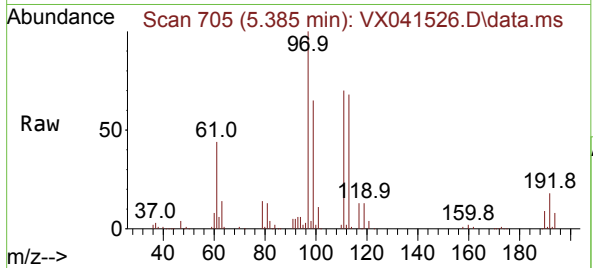




#35
Dibromofluoromethane
Concen: 56.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

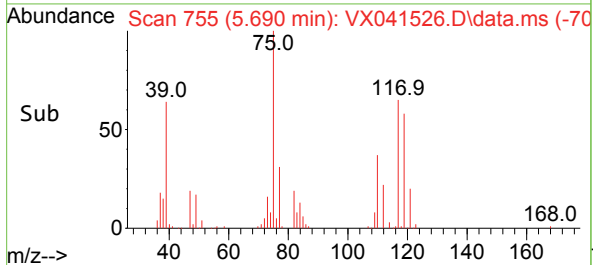
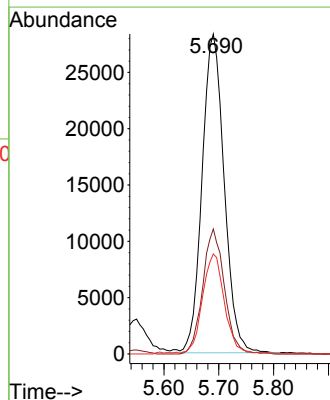
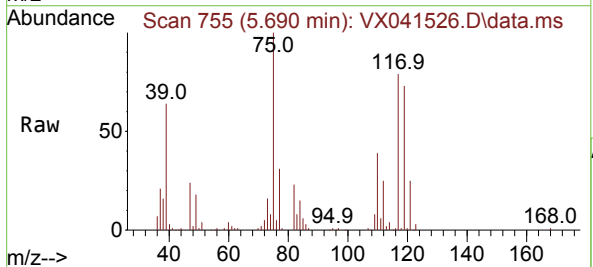
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

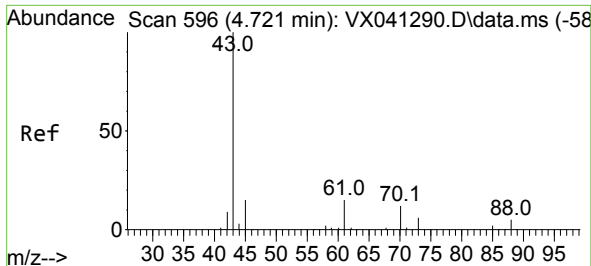
Tgt Ion:113 Resp: 70991
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 25.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 52.989 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 75 Resp: 79173
Ion Ratio Lower Upper
75 100
110 38.5 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 60.339 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

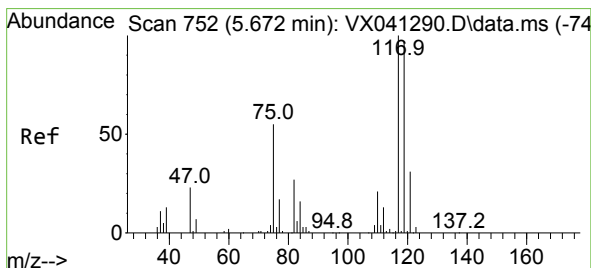
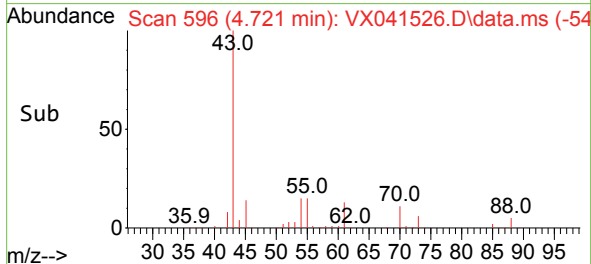
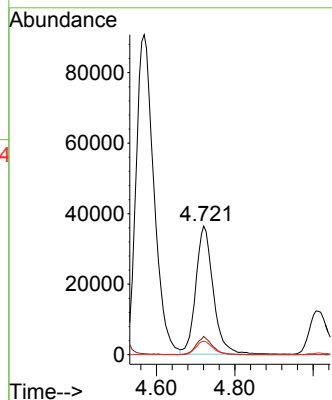
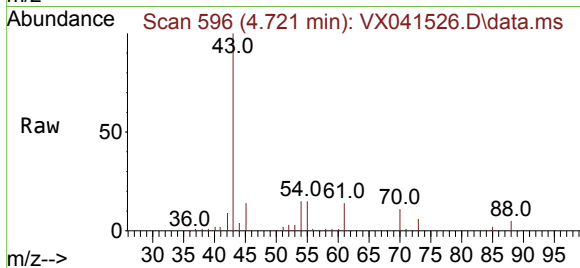
Tgt Ion: 43 Resp: 112491

Ion Ratio Lower Upper

43 100

61 13.1 10.6 16.0

70 10.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 55.847 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

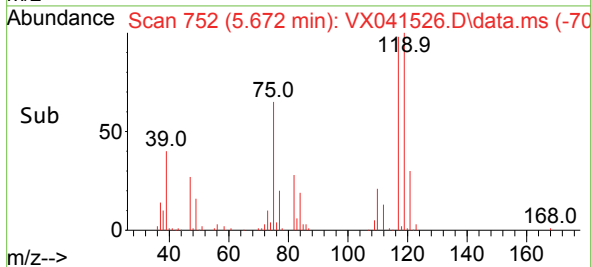
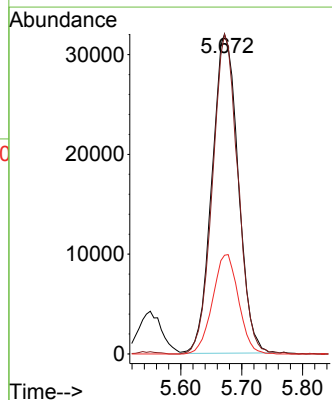
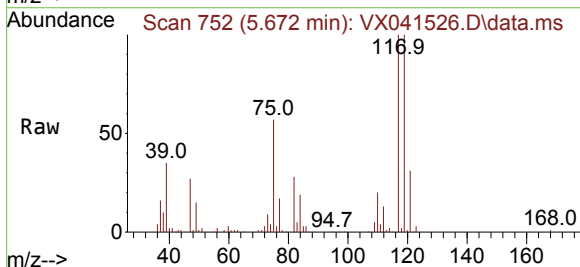
Tgt Ion: 117 Resp: 95592

Ion Ratio Lower Upper

117 100

119 100.3 78.2 117.2

121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 55.155 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

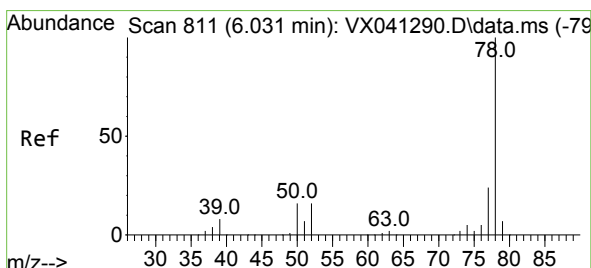
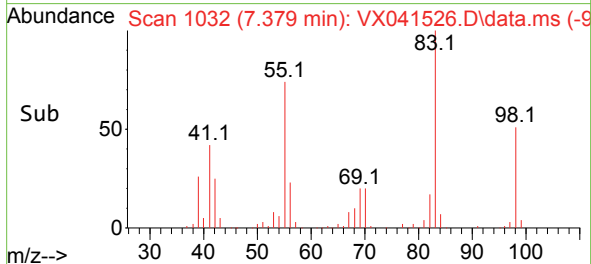
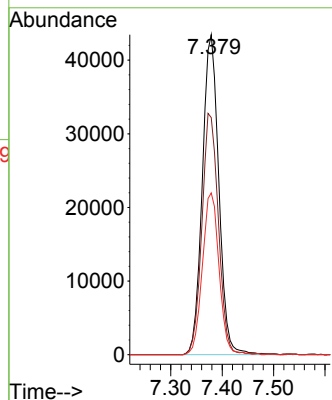
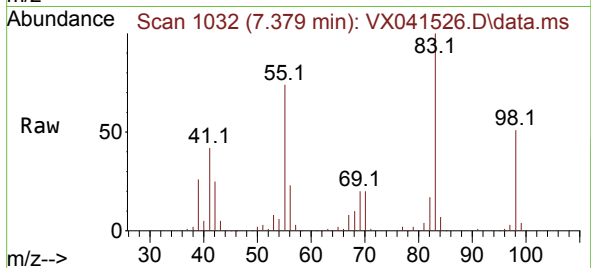
Tgt Ion: 83 Resp: 96815

Ion Ratio Lower Upper

83 100

55 74.1 64.6 97.0

98 50.5 36.7 55.1



#40

Benzene

Concen: 56.049 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX041526.D

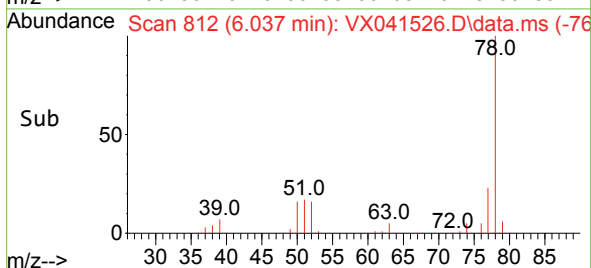
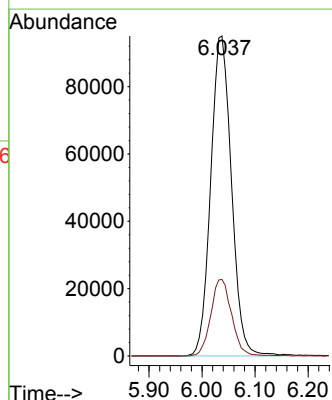
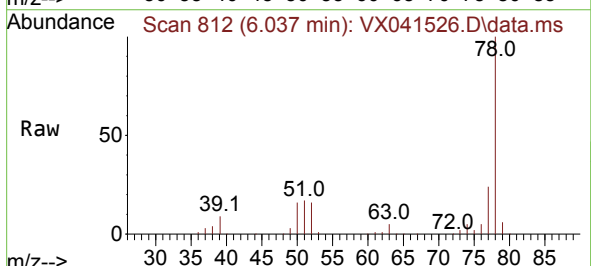
Acq: 14 May 2024 17:54

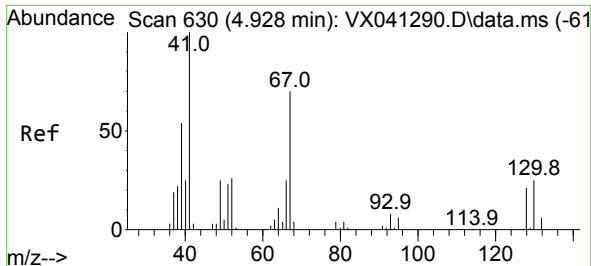
Tgt Ion: 78 Resp: 258166

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

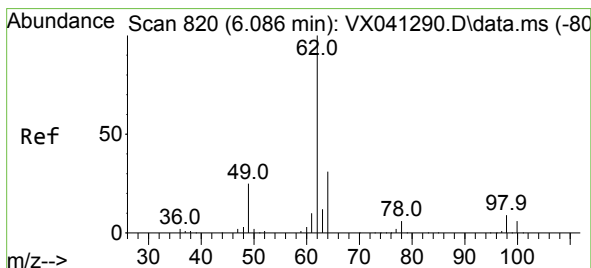
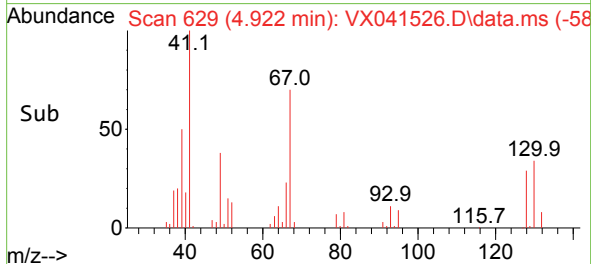
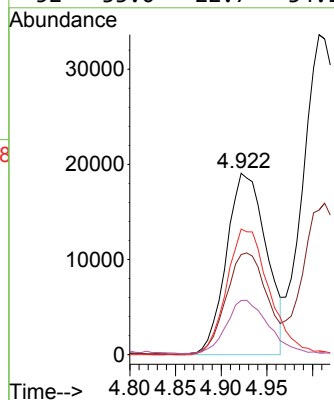
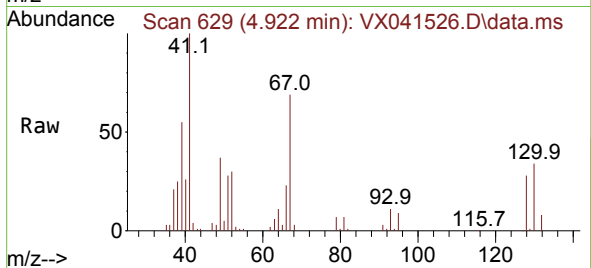




#41
Methacrylonitrile
Concen: 60.505 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

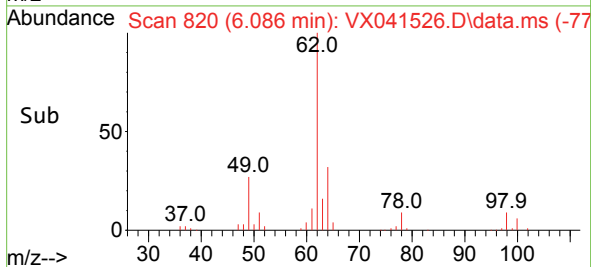
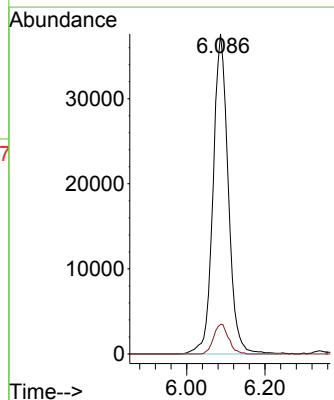
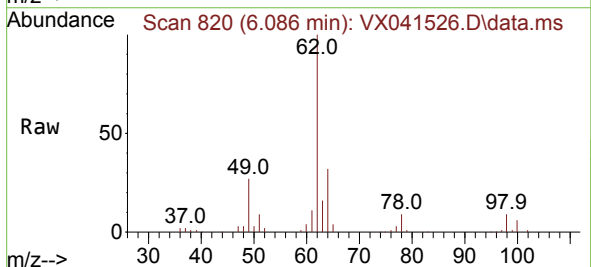
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

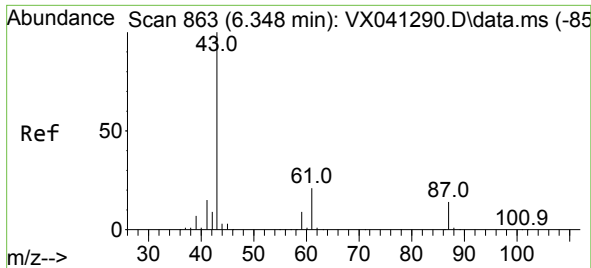
Tgt Ion:	41	Resp:	58056
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	73.8	52.6	78.8
52	33.0	22.7	34.1



#42
1,2-Dichloroethane
Concen: 59.795 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:	62	Resp:	100937
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 60.686 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

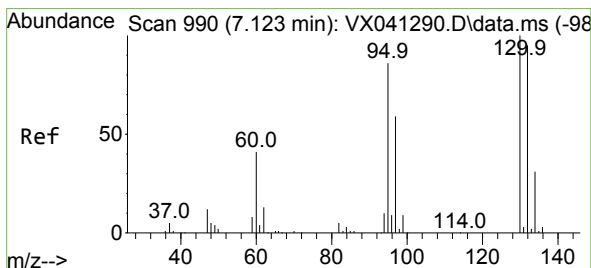
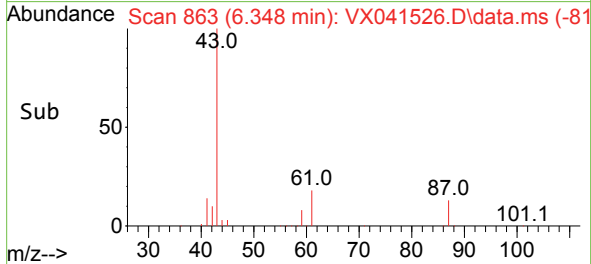
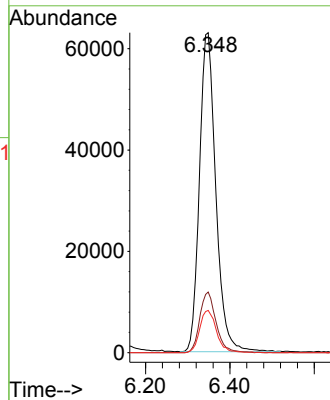
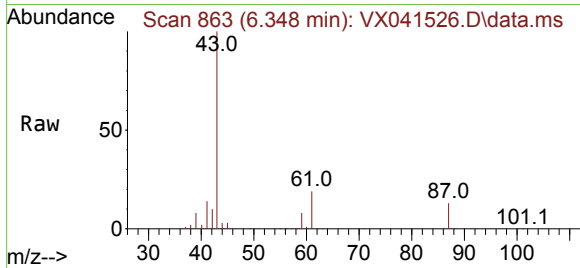
Tgt Ion: 43 Resp: 170107

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 13.6 9.8 14.6



#44

Trichloroethene

Concen: 58.876 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041526.D

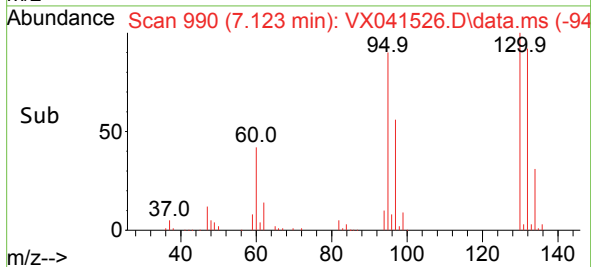
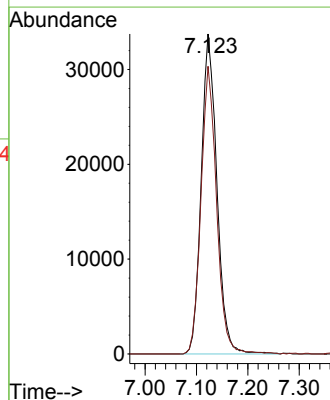
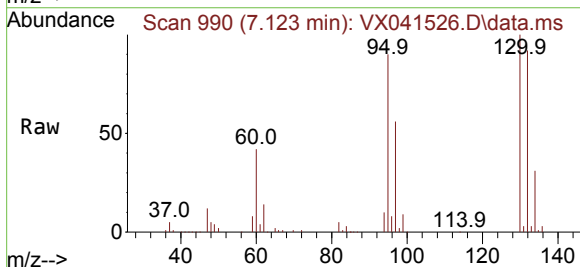
Acq: 14 May 2024 17:54

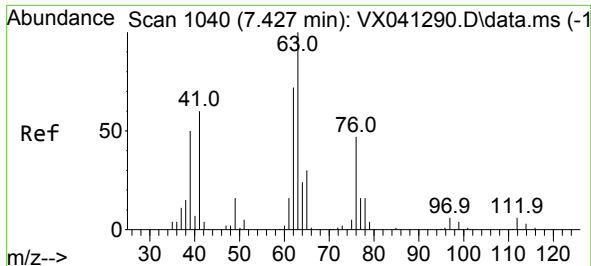
Tgt Ion: 130 Resp: 71609

Ion Ratio Lower Upper

130 100

95 89.9 0.0 204.4

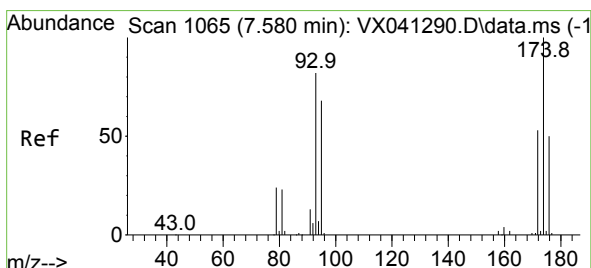
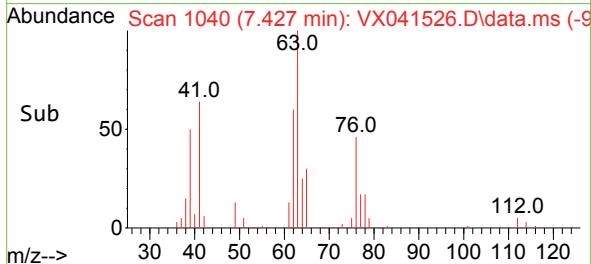
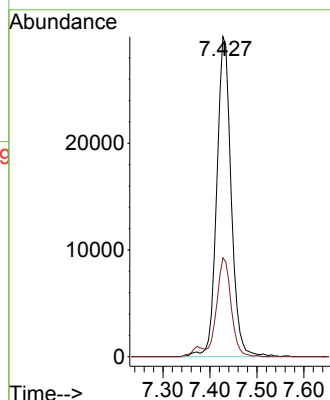
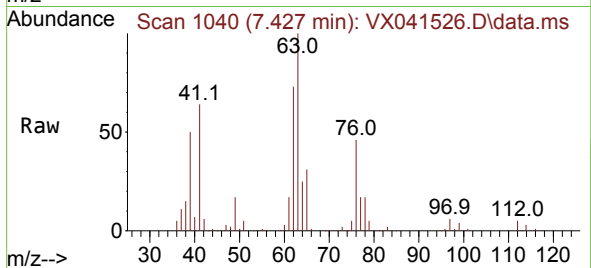




#45
1,2-Dichloropropane
Concen: 62.231 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

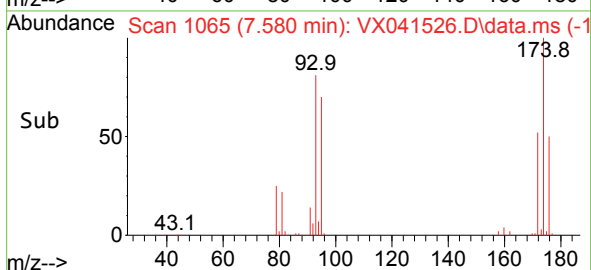
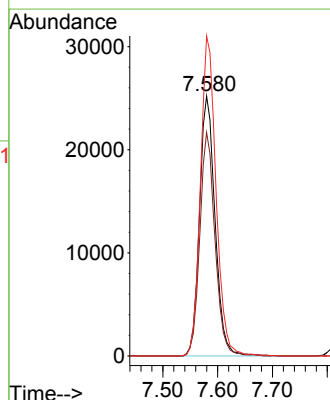
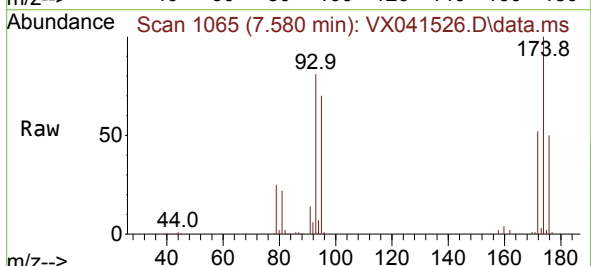
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

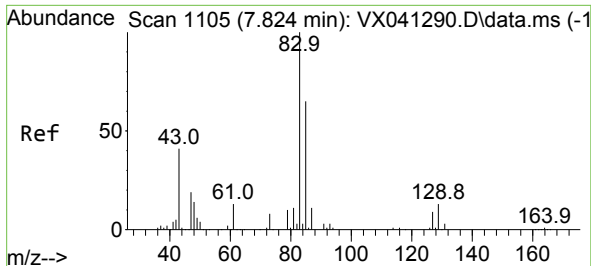
Tgt Ion: 63 Resp: 64043
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5



#46
Dibromomethane
Concen: 60.648 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 93 Resp: 49686
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 123.5 69.4 104.0#

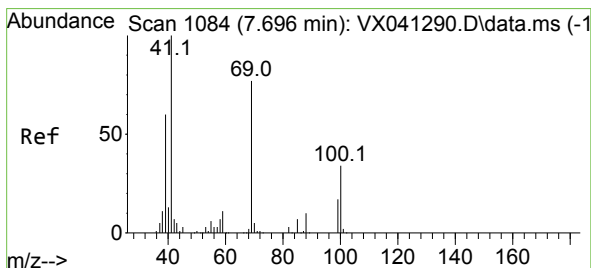
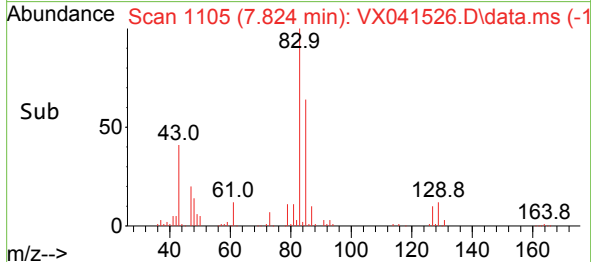
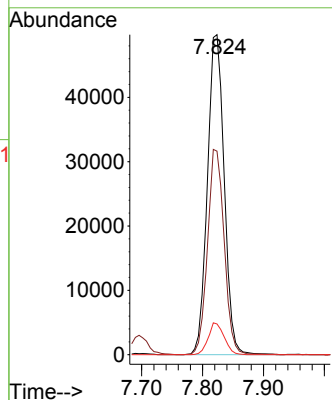
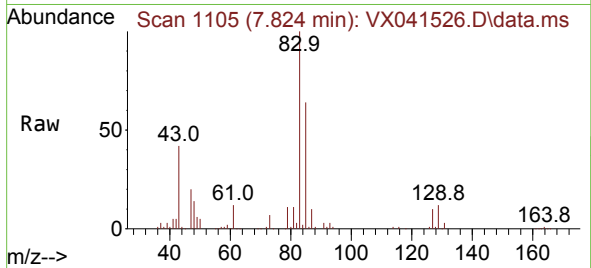




#47
Bromodichloromethane
Concen: 65.167 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

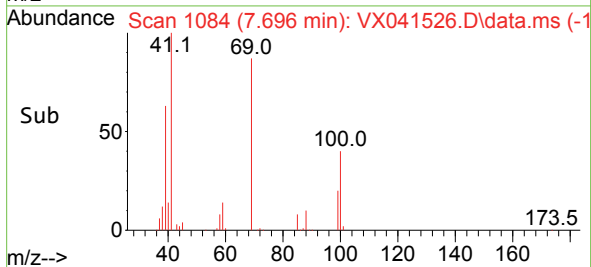
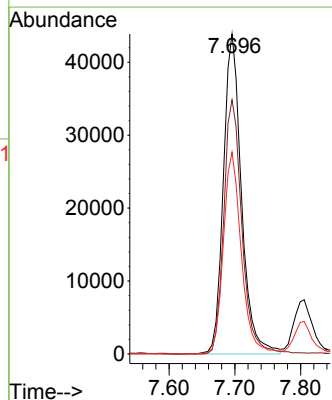
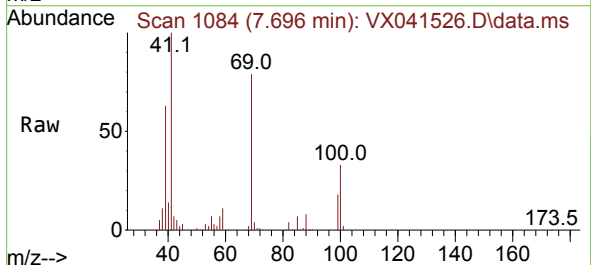
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

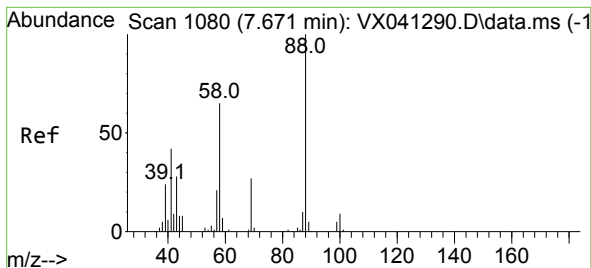
Tgt Ion: 83 Resp: 95138
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 65.325 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 41 Resp: 83939
Ion Ratio Lower Upper
41 100
69 79.8 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1254.373 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

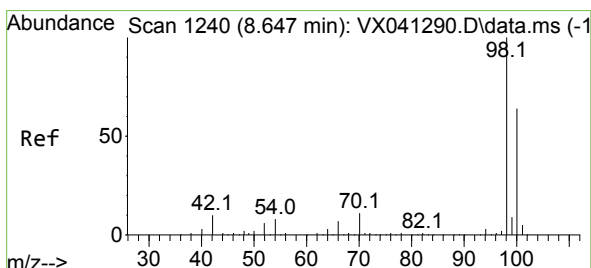
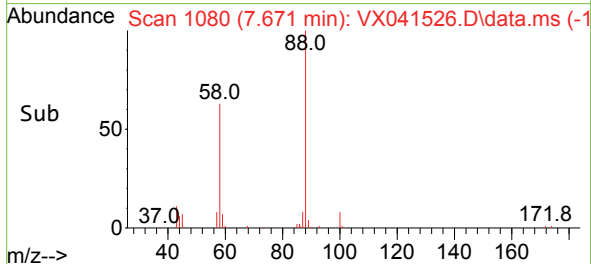
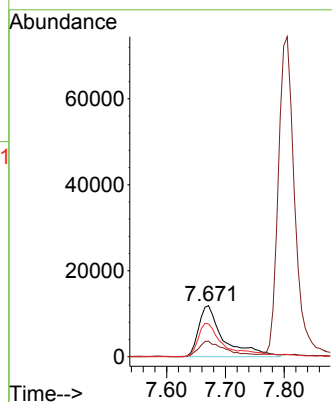
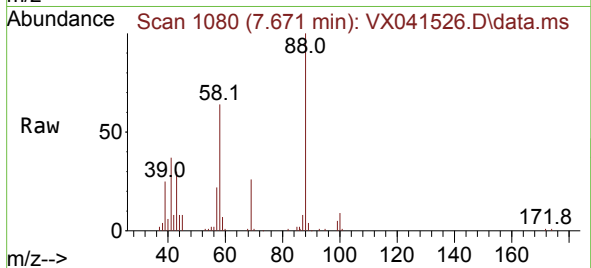
Tgt Ion: 88 Resp: 34848

Ion Ratio Lower Upper

88 100

43 33.9 0.0 0.0#

58 65.6 60.1 90.1



#50

Toluene-d8

Concen: 61.472 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041526.D

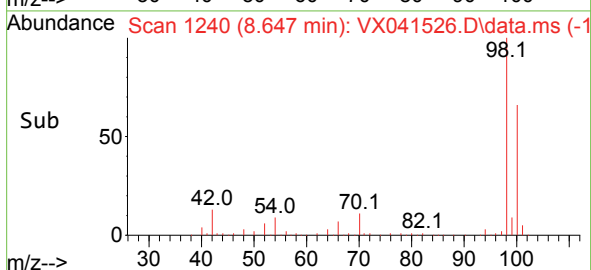
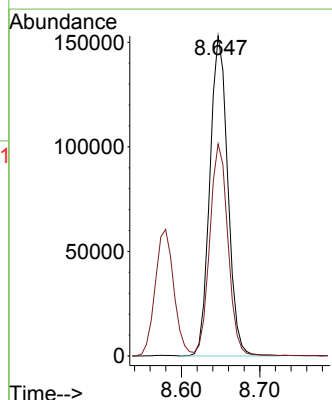
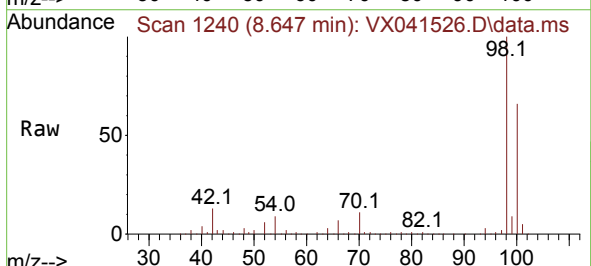
Acq: 14 May 2024 17:54

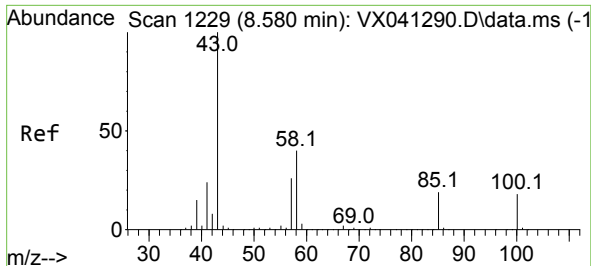
Tgt Ion: 98 Resp: 243114

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7

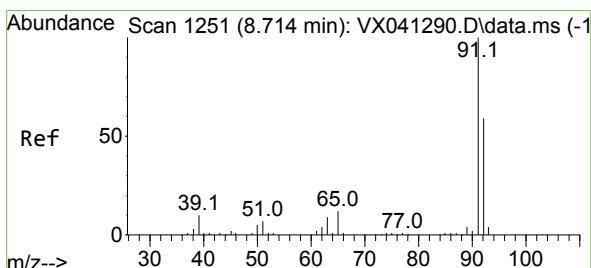
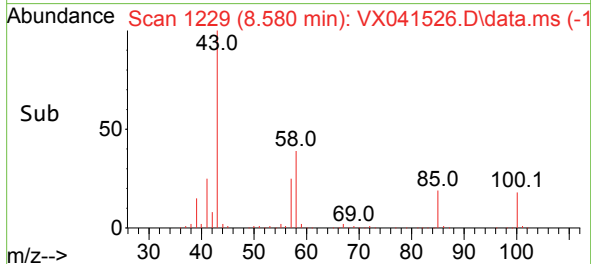
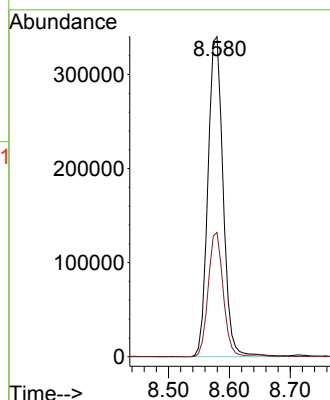
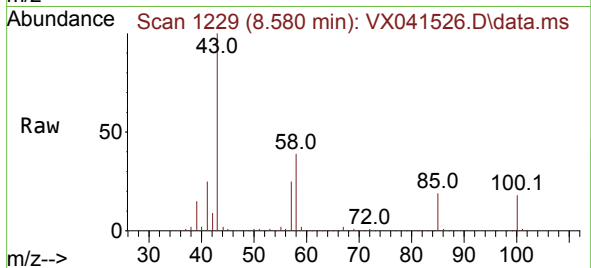




#51
4-Methyl-2-Pentanone
Concen: 349.592 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

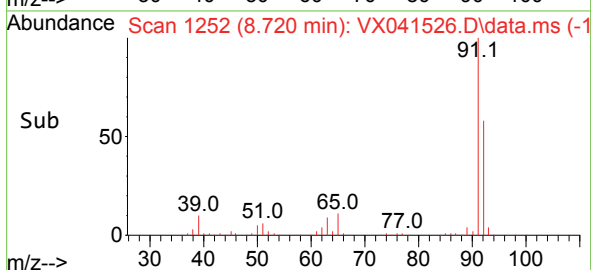
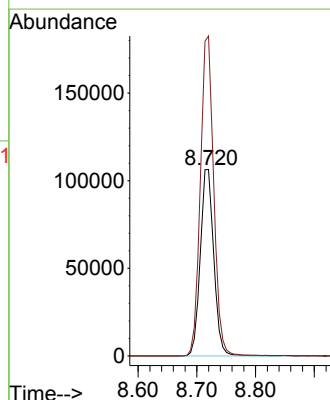
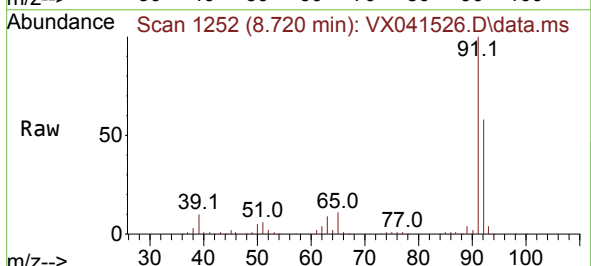
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 588010
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 60.317 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 92 Resp: 169951
Ion Ratio Lower Upper
92 100
91 170.4 134.2 201.2

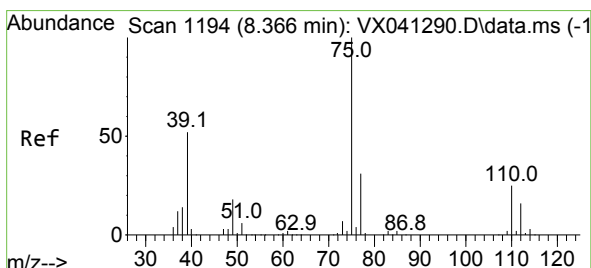
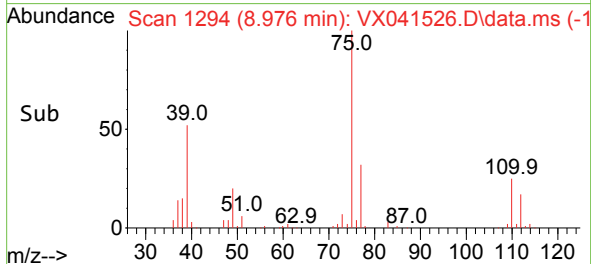
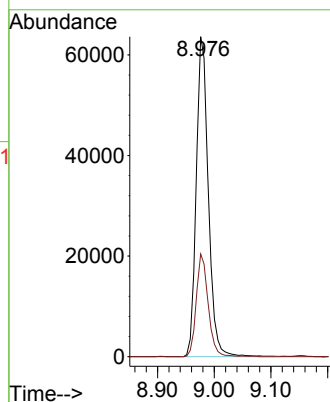
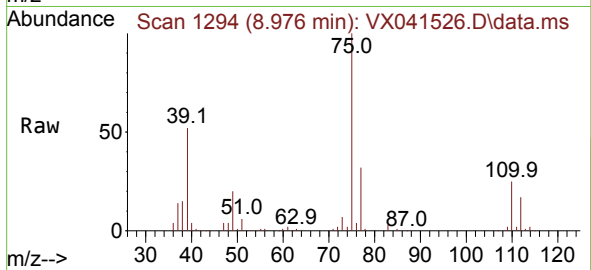




#53
 t-1,3-Dichloropropene
 Concen: 65.215 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

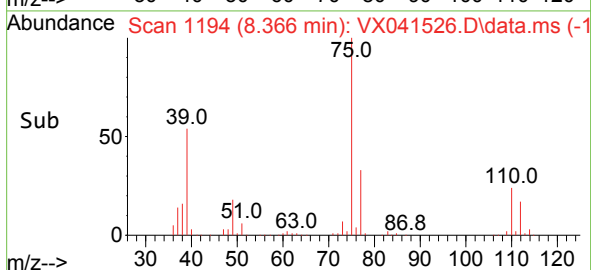
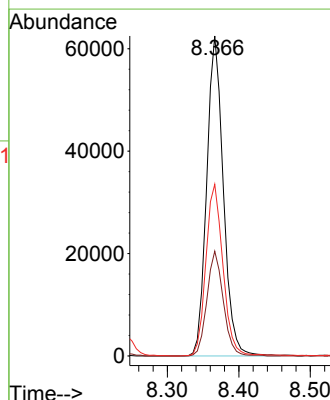
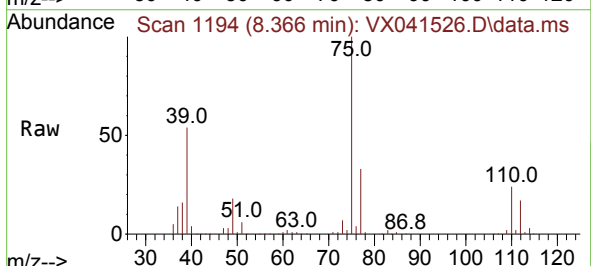
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

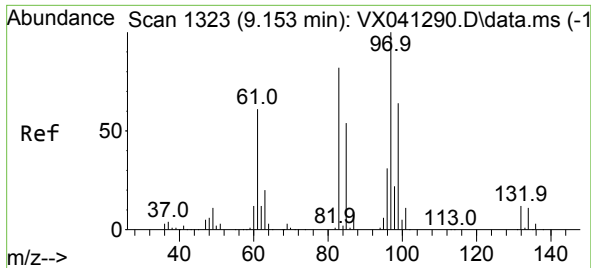
Tgt Ion: 75 Resp: 94332
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 62.994 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

Tgt Ion: 75 Resp: 101103
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 53.7 46.7 70.1

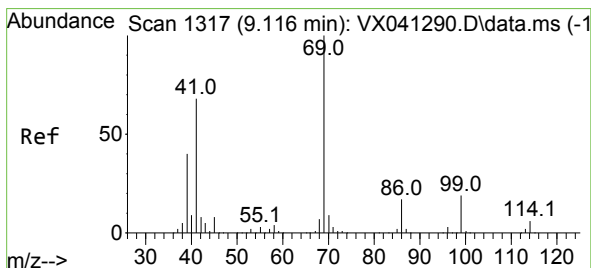
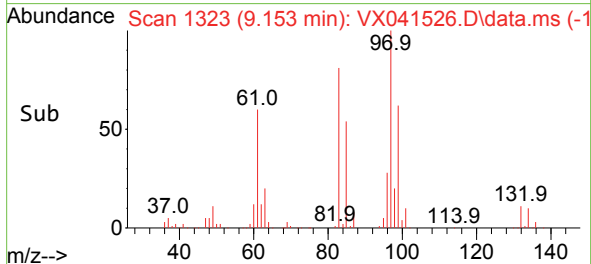
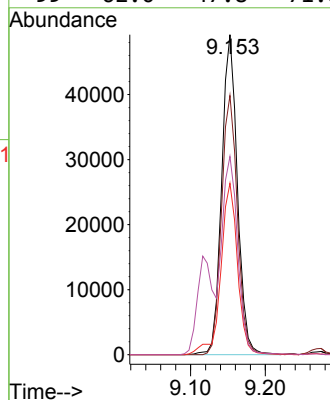
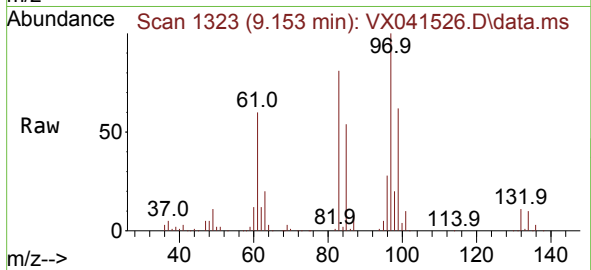




#55
 1,1,2-Trichloroethane
 Concen: 66.369 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

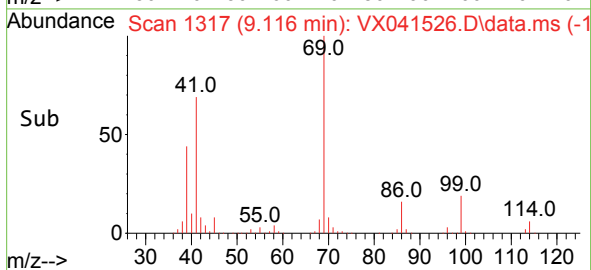
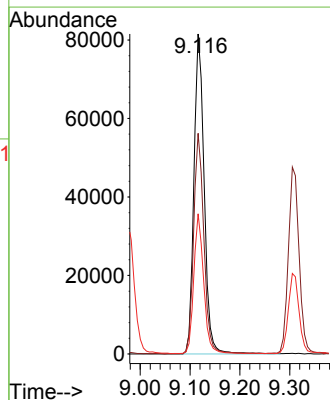
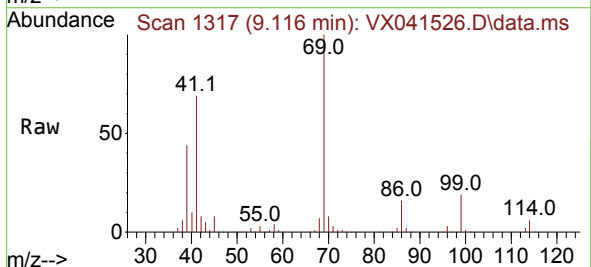
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

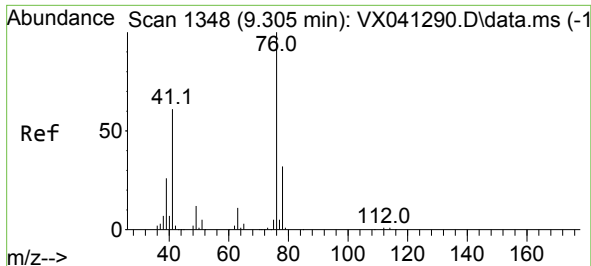
Tgt Ion:	97	Resp:	72017
Ion	Ratio	Lower	Upper
97	100		
83	81.0	65.8	98.8
85	53.5	41.6	62.4
99	62.0	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 69.236 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

Tgt Ion:	69	Resp:	116271
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.8	85.2
39	42.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 64.151 ug/l

RT: 9.311 min Scan# 116174

Delta R.T. 0.006 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

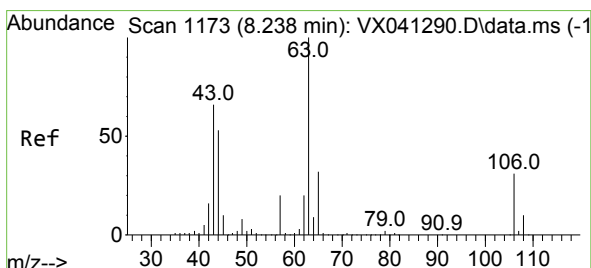
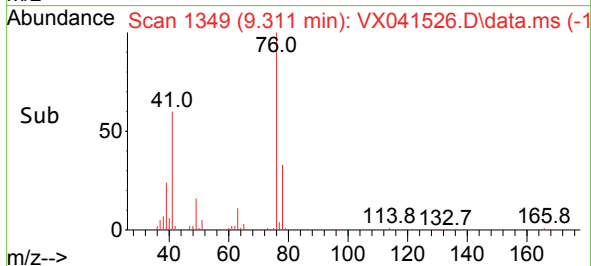
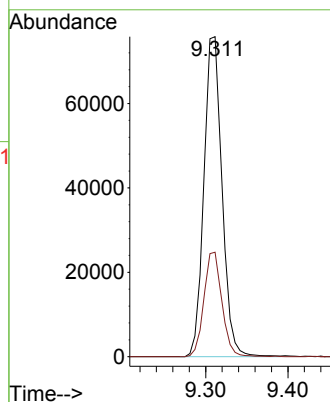
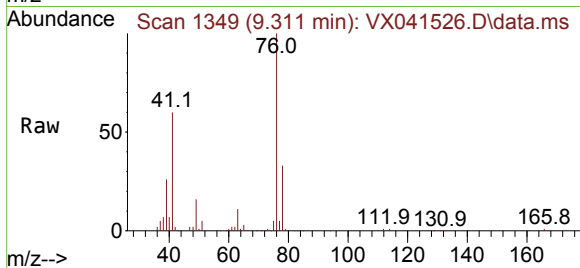
VSTDCCC050EC

Tgt Ion: 76 Resp: 116174

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 317.261 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041526.D

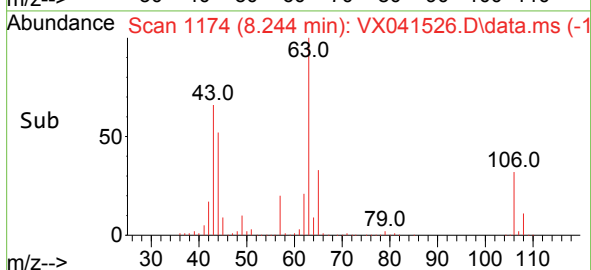
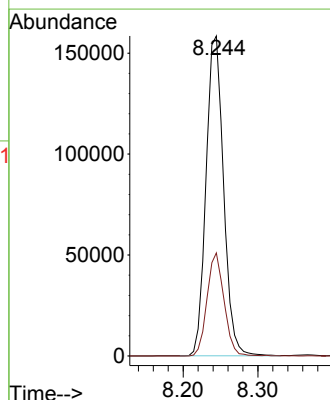
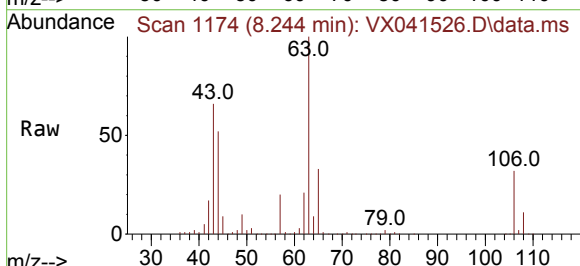
Acq: 14 May 2024 17:54

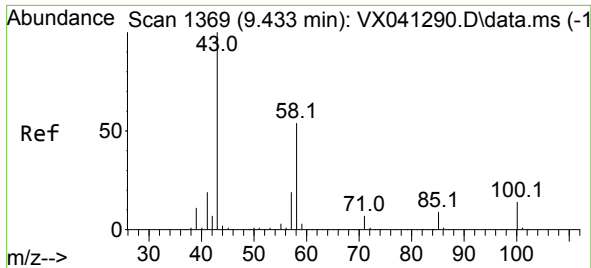
Tgt Ion: 63 Resp: 258337

Ion Ratio Lower Upper

63 100

106 31.3 22.5 33.7

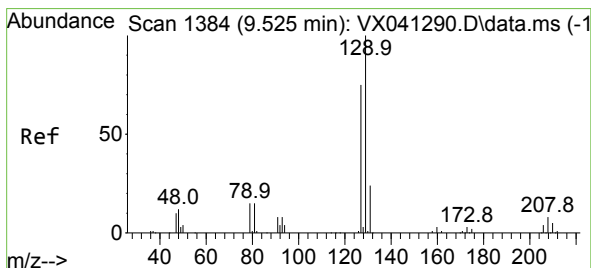
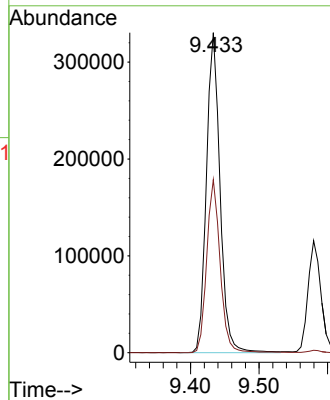
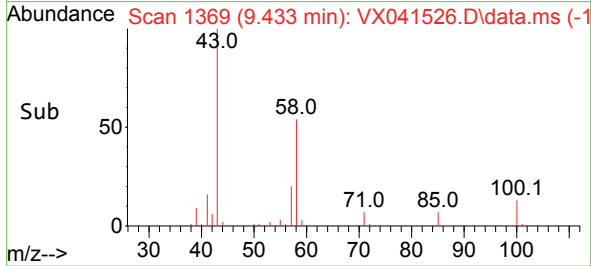
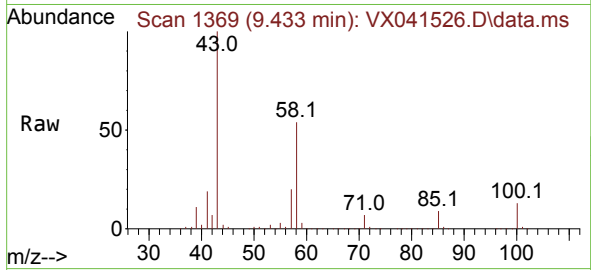




#59
2-Hexanone
Concen: 339.398 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

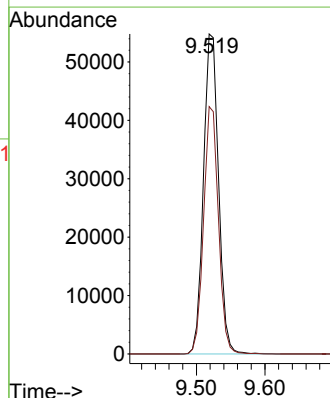
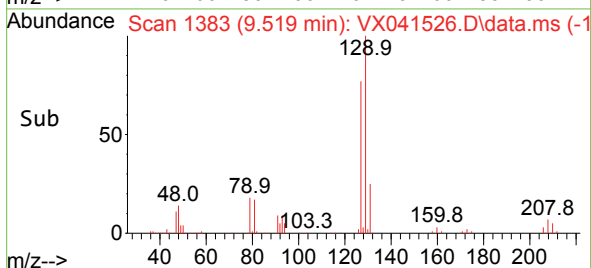
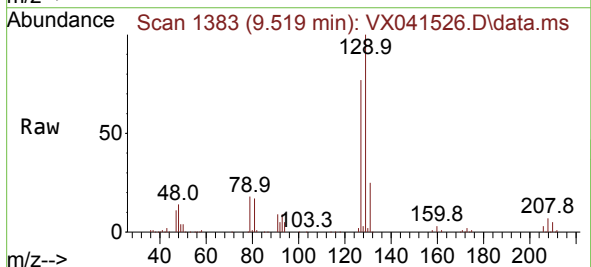
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

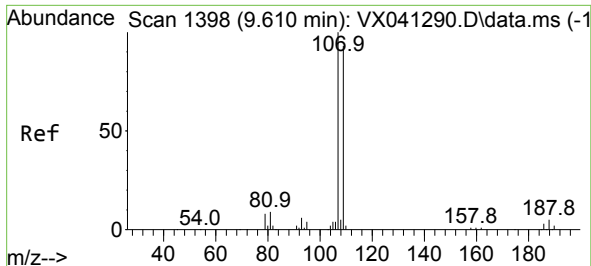
Tgt Ion: 43 Resp: 456482
Ion Ratio Lower Upper
43 100
58 53.5 26.2 78.5



#60
Dibromochloromethane
Concen: 65.762 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 129 Resp: 84006
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4

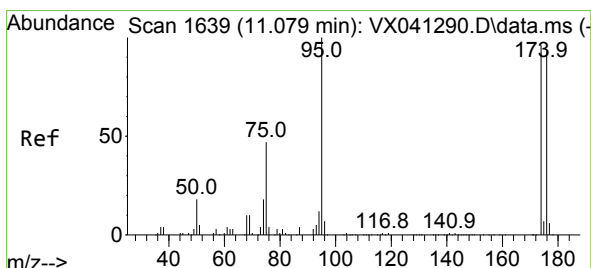
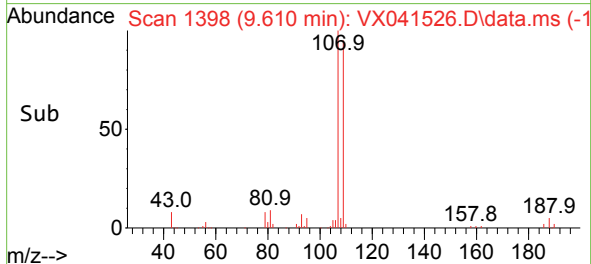
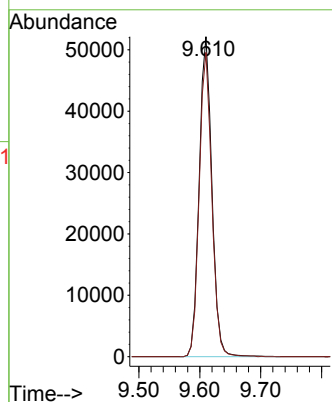
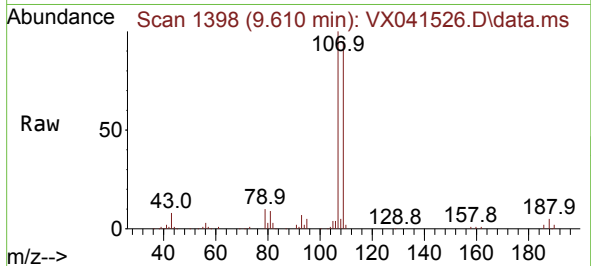




#61
1,2-Dibromoethane
Concen: 63.214 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

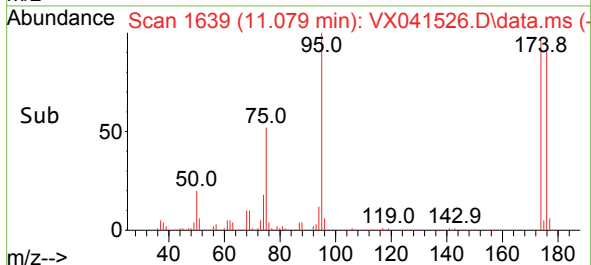
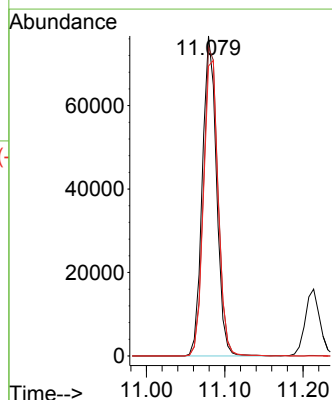
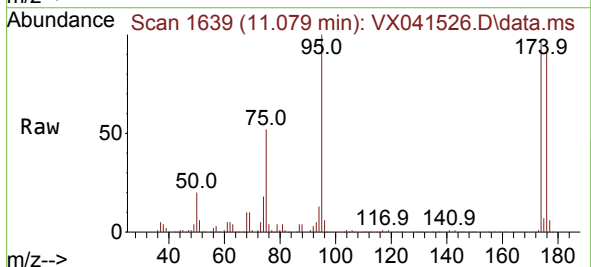
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

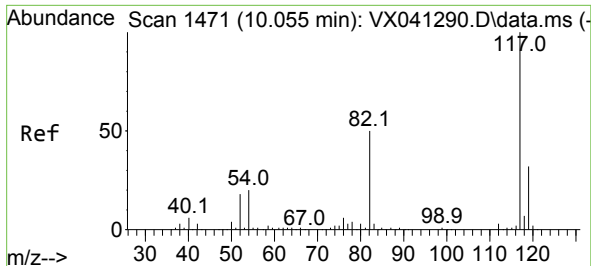
Tgt Ion:107 Resp: 75463
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 62.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 95 Resp: 96301
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 95.8 0.0 131.0

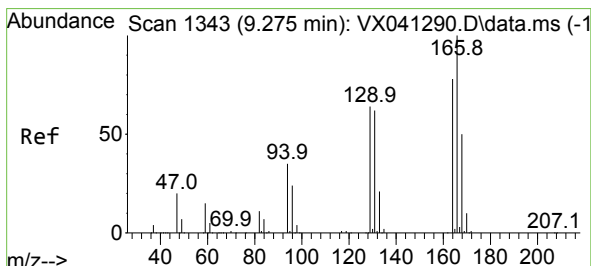
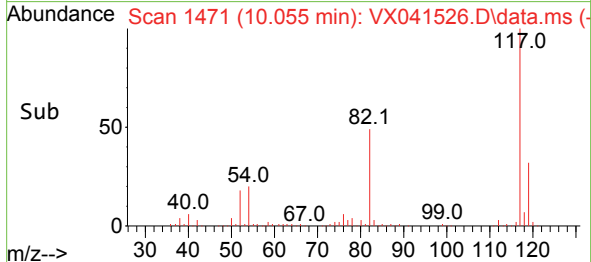
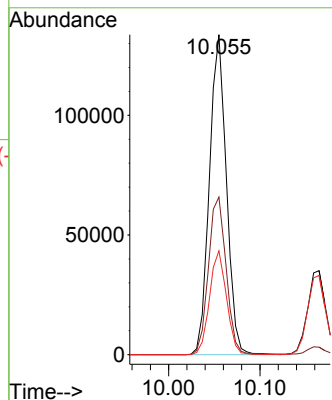
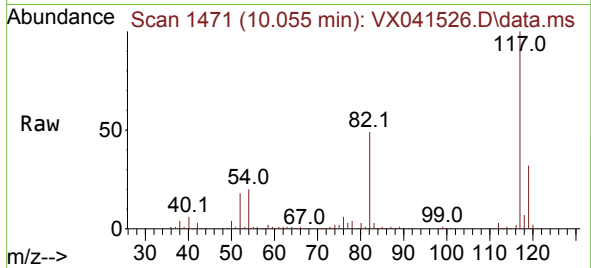




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

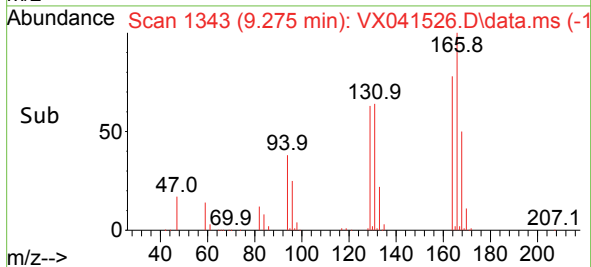
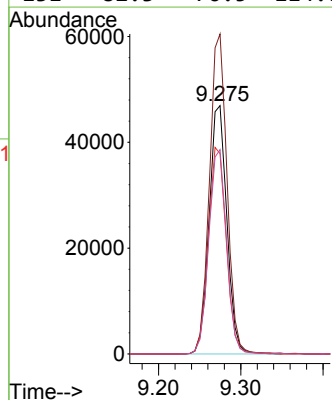
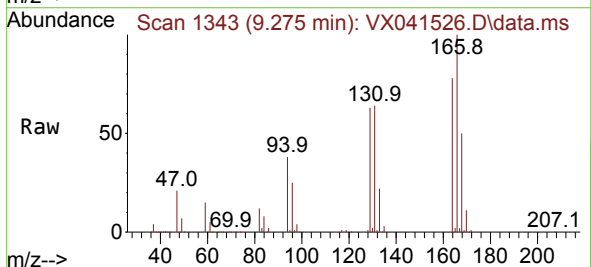
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

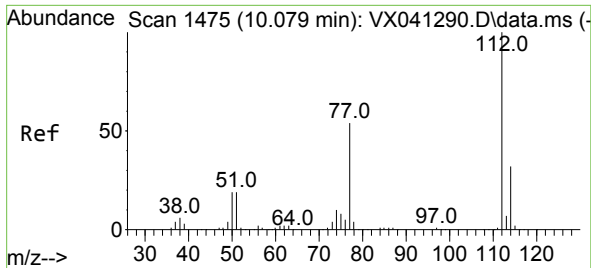
Tgt Ion:117 Resp: 172700
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 56.314 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:164 Resp: 70425
Ion Ratio Lower Upper
164 100
166 128.9 102.7 154.1
129 80.7 80.4 120.6
131 82.3 76.5 114.7

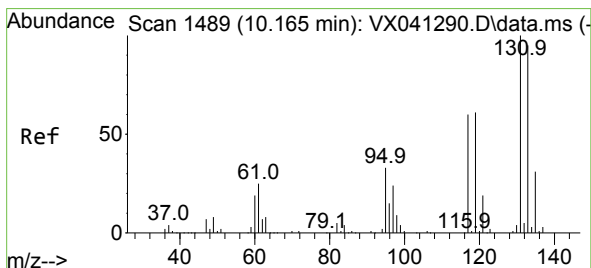
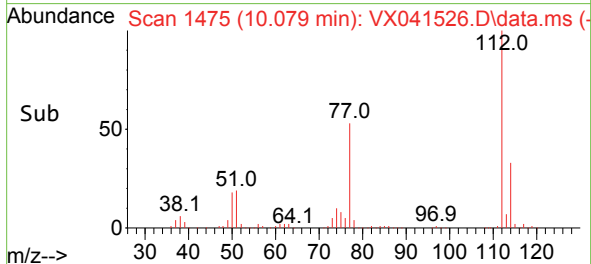
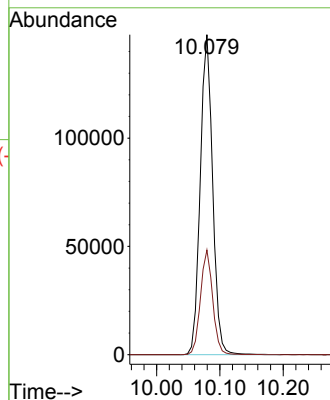
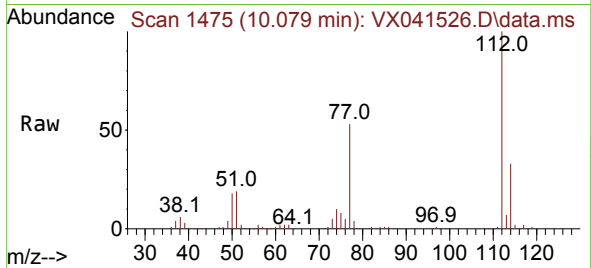




#65
Chlorobenzene
Concen: 57.469 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

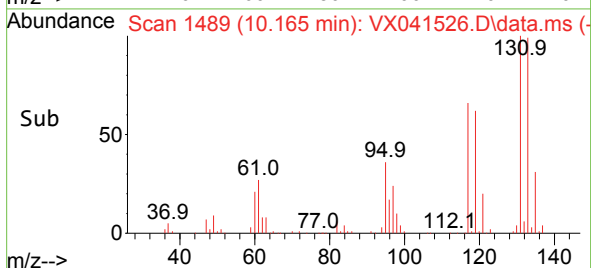
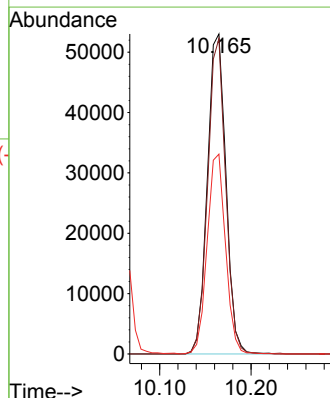
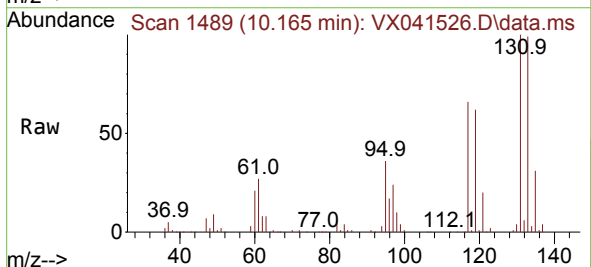
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

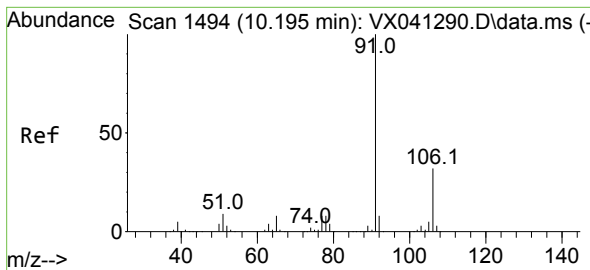
Tgt Ion:112 Resp: 201478
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 60.163 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion:131 Resp: 74528
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 61.9 32.2 96.6

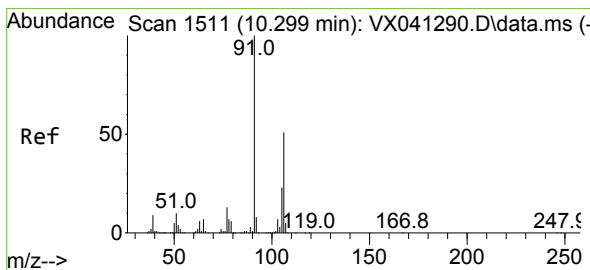
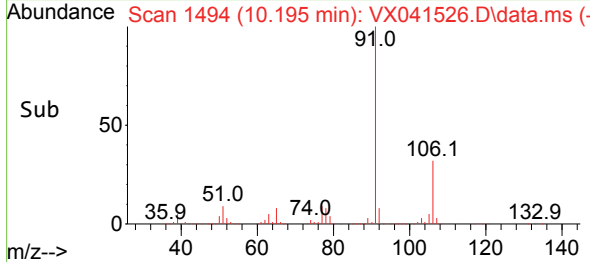
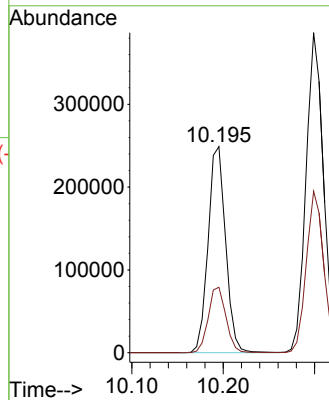
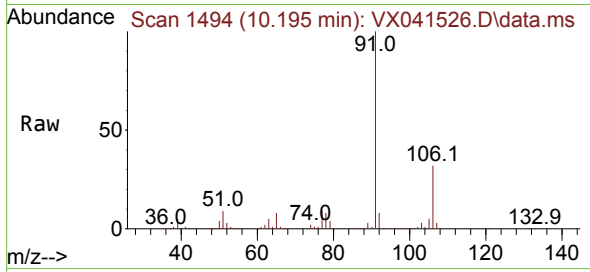




#67
Ethyl Benzene
Concen: 57.224 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

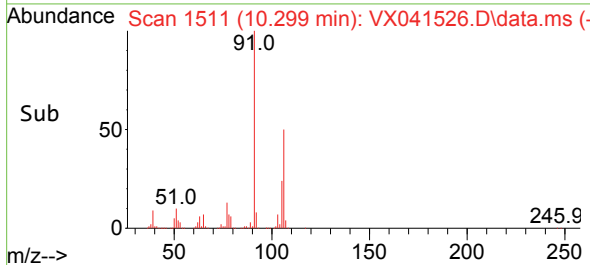
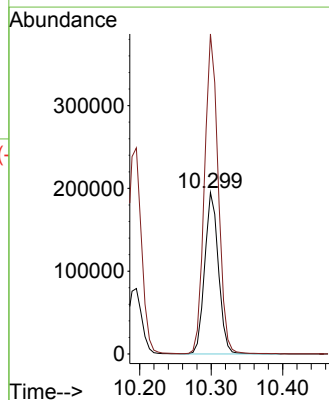
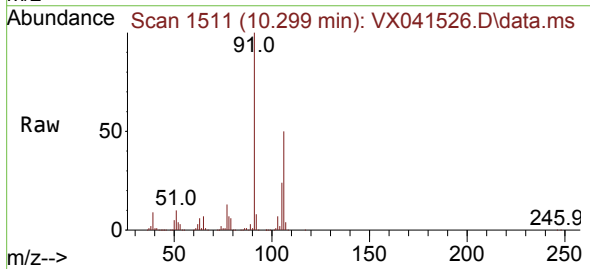
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

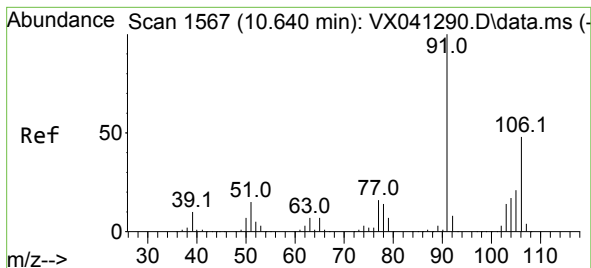
Tgt Ion: 91 Resp: 330996
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 112.258 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 106 Resp: 260024
Ion Ratio Lower Upper
106 100
91 198.7 165.5 248.3





#69

o-Xylene

Concen: 59.052 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

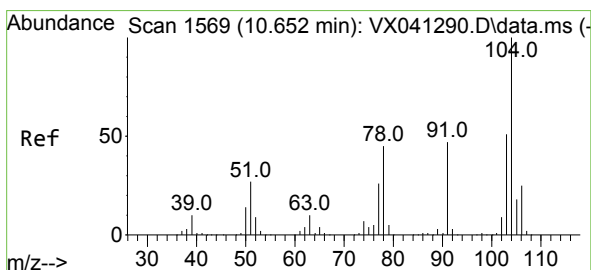
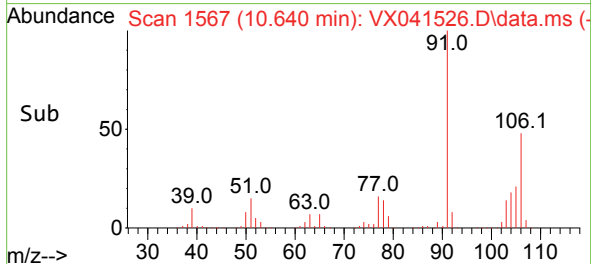
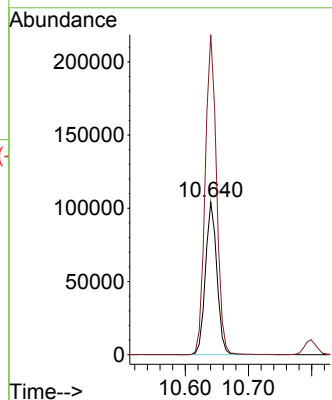
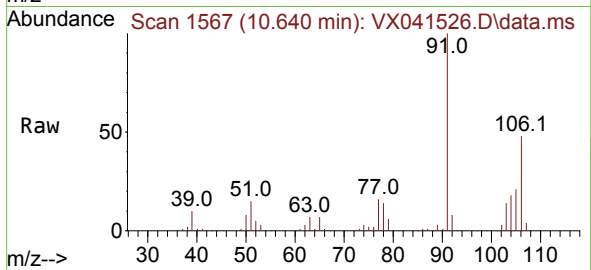
VSTDCCC050EC

Tgt Ion:106 Resp: 130968

Ion Ratio Lower Upper

106 100

91 209.6 108.9 326.8



#70

Styrene

Concen: 61.795 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

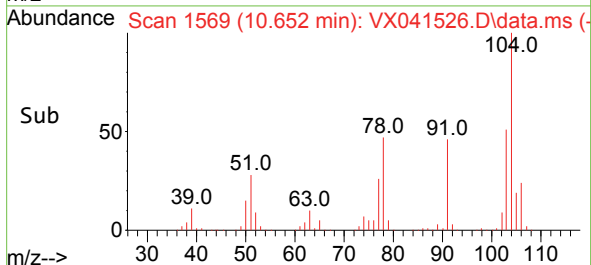
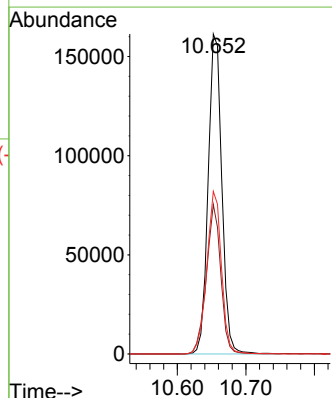
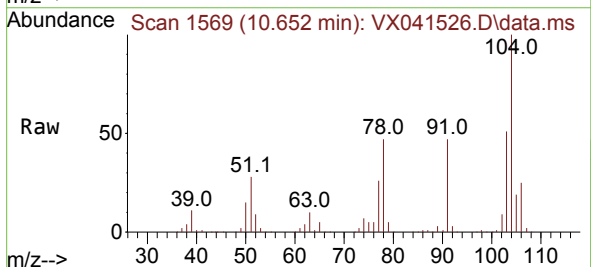
Tgt Ion:104 Resp: 224888

Ion Ratio Lower Upper

104 100

78 49.2 43.6 65.4

103 54.6 43.6 65.4





#71

Bromoform

Concen: 61.016 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

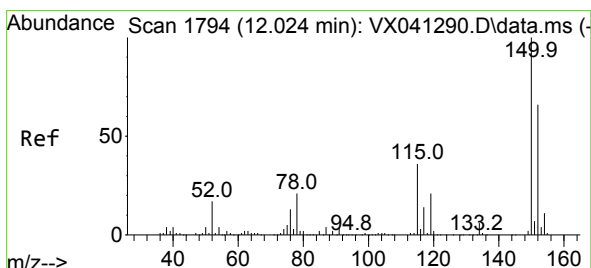
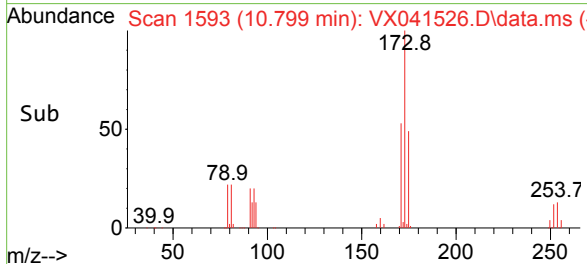
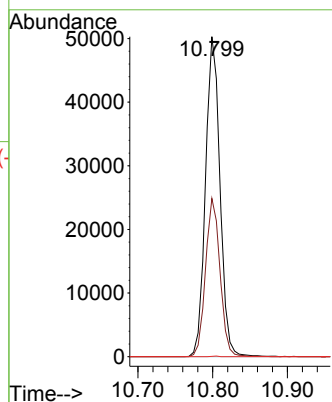
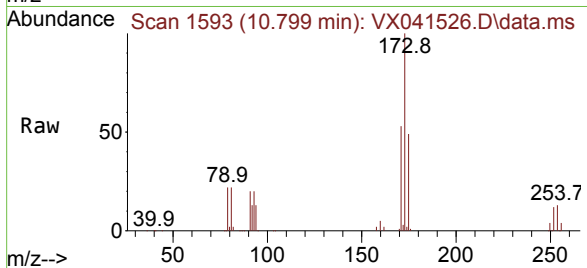
Tgt Ion:173 Resp: 67643

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.4

254 0.1 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: VX041526.D

Acq: 14 May 2024 17:54

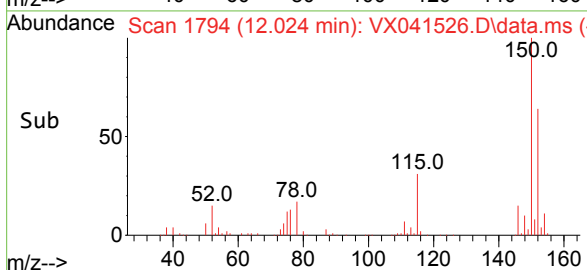
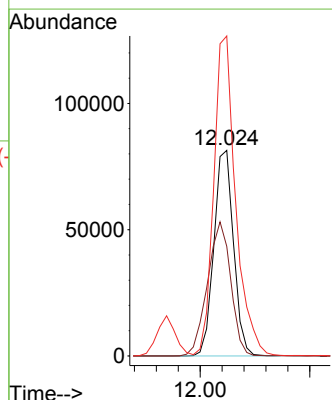
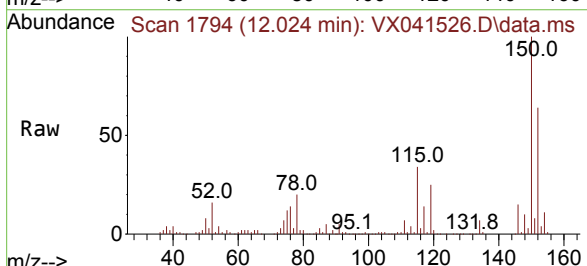
Tgt Ion:152 Resp: 101383

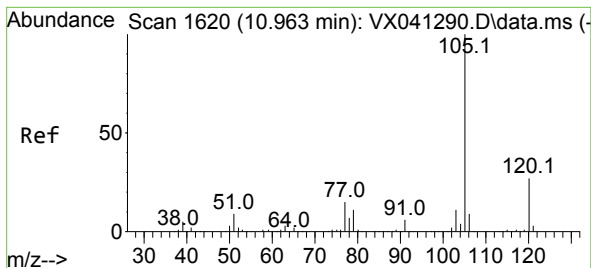
Ion Ratio Lower Upper

152 100

115 77.5 43.3 129.9

150 173.1 0.0 345.0





#73

Isopropylbenzene

Concen: 55.681 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

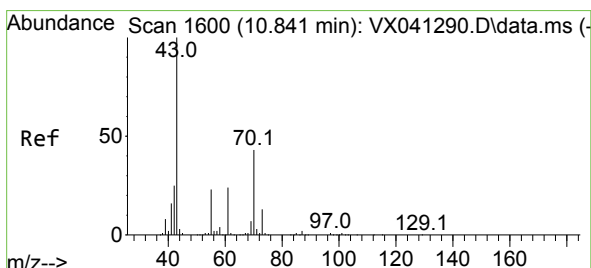
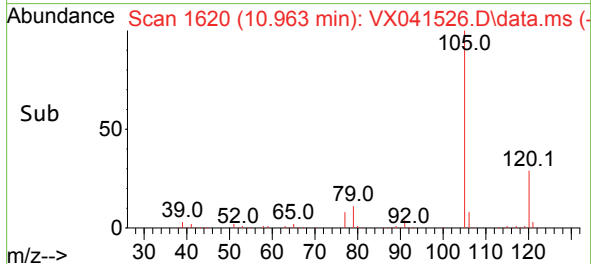
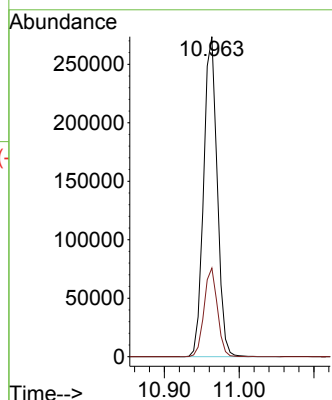
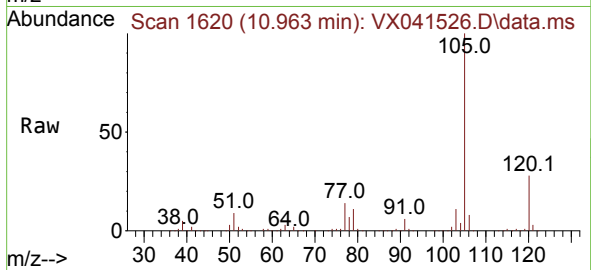
VSTDCCC050EC

Tgt Ion:105 Resp: 344585

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.6



#74

N-ethyl acetate

Concen: 58.842 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion: 43 Resp: 159095

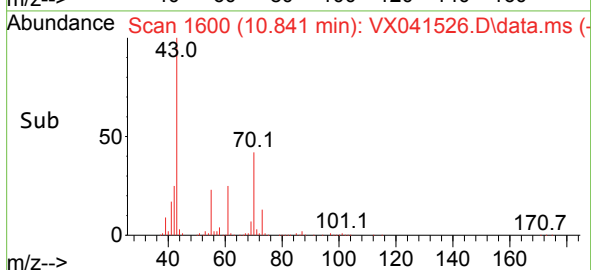
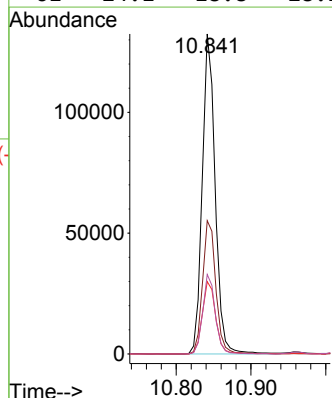
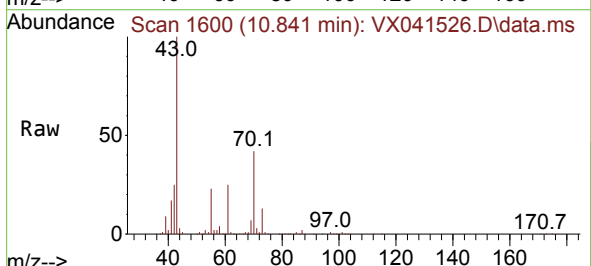
Ion Ratio Lower Upper

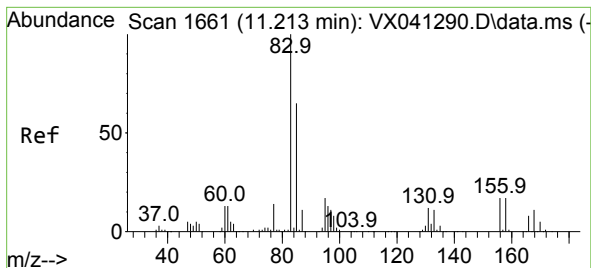
43 100

70 42.8 32.9 49.3

55 23.5 19.3 28.9

61 24.1 18.8 28.2





#75

1,1,2-Tetrachloroethane

Concen: 59.557 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

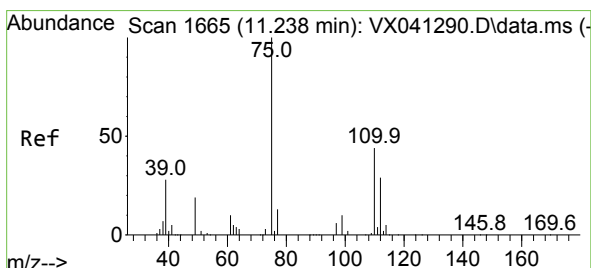
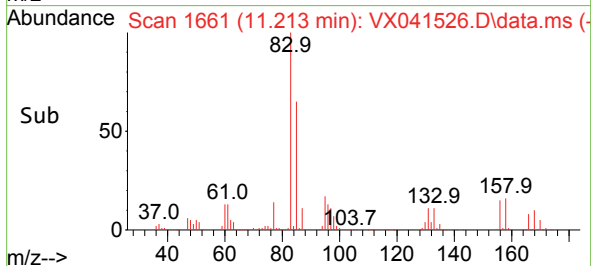
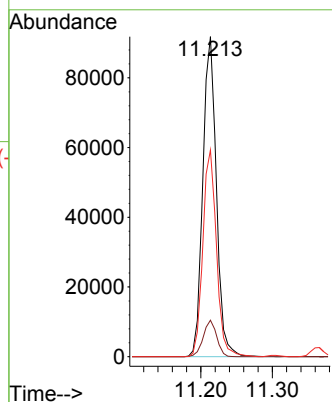
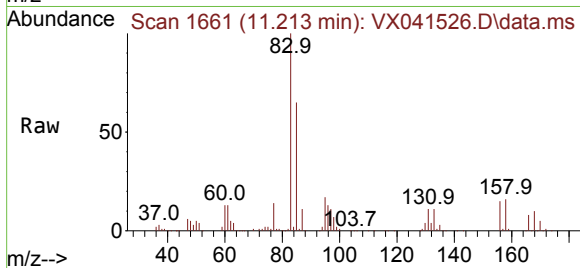
Tgt Ion: 83 Resp: 120774

Ion Ratio Lower Upper

83 100

131 11.3 5.3 15.8

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 80.240 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041526.D

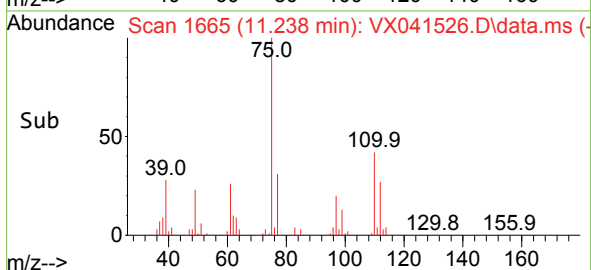
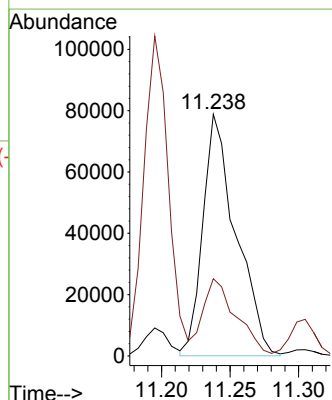
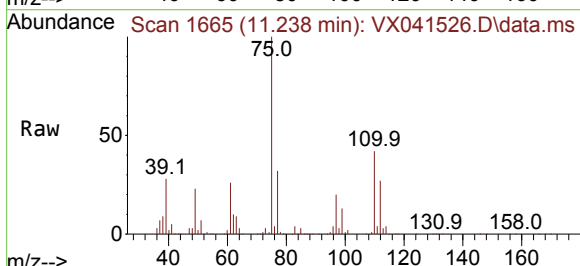
Acq: 14 May 2024 17:54

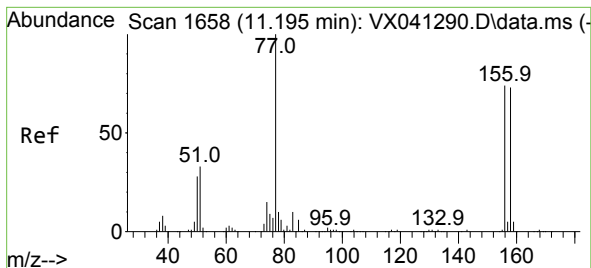
Tgt Ion: 75 Resp: 132574

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 57.102 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

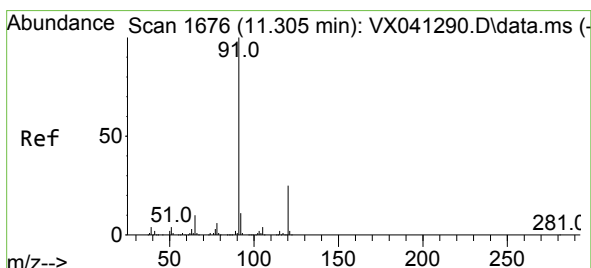
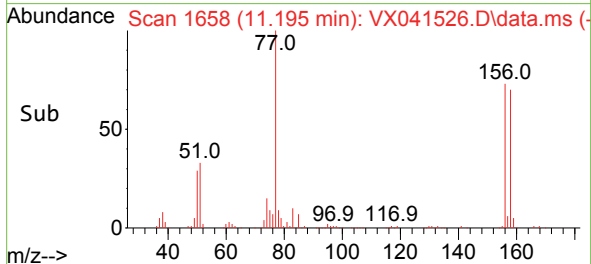
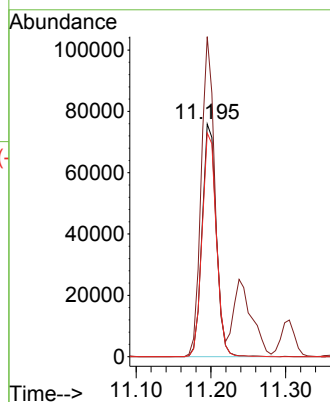
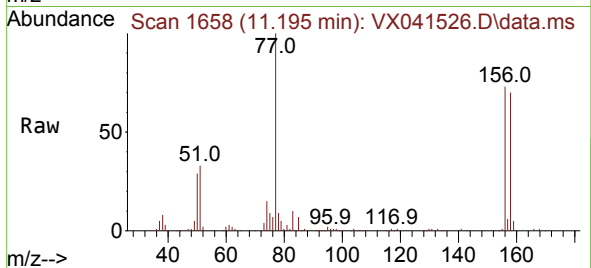
Tgt Ion:156 Resp: 99738

Ion Ratio Lower Upper

156 100

77 131.4 88.4 265.3

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 58.062 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041526.D

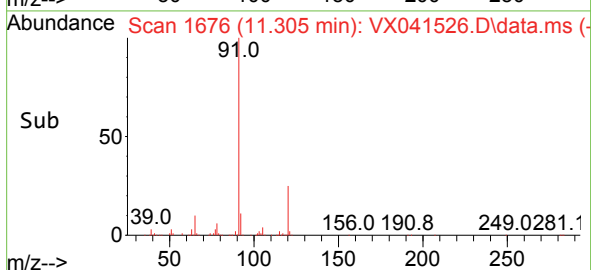
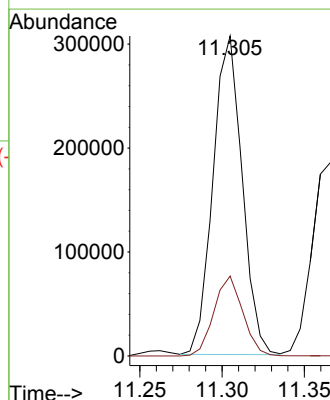
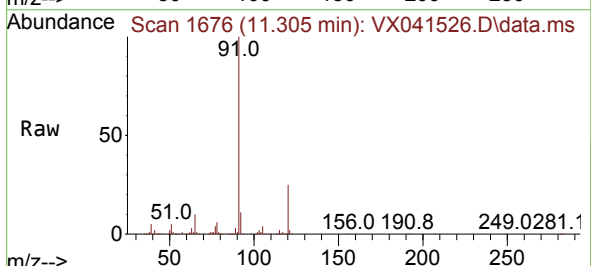
Acq: 14 May 2024 17:54

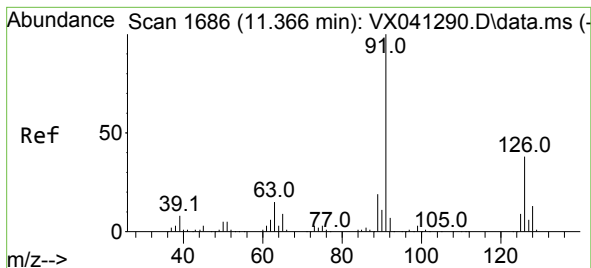
Tgt Ion: 91 Resp: 377396

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.048 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

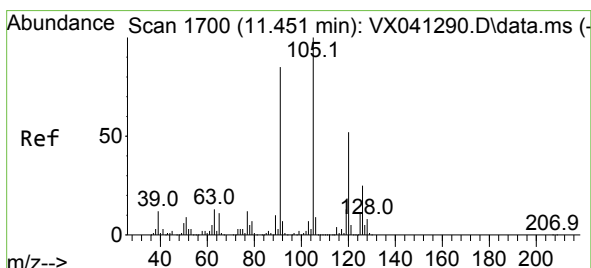
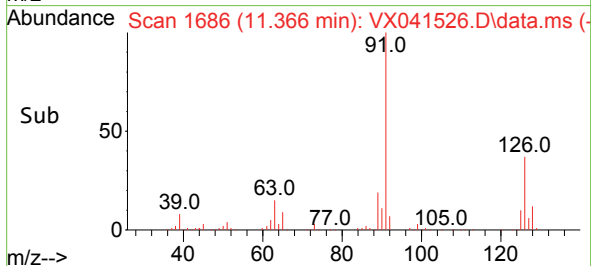
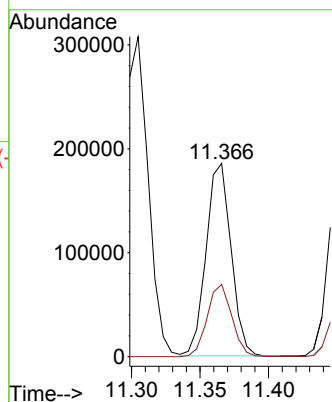
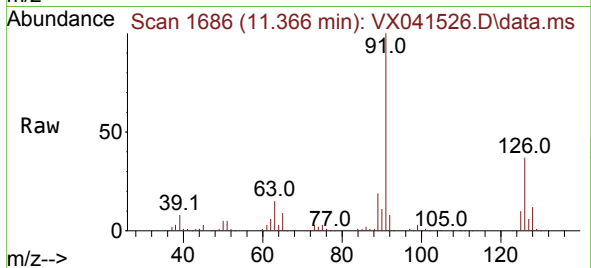
VSTDCCC050EC

Tgt Ion: 91 Resp: 234765

Ion Ratio Lower Upper

91 100

126 37.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 57.059 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041526.D

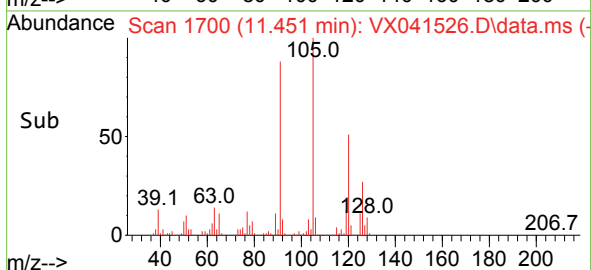
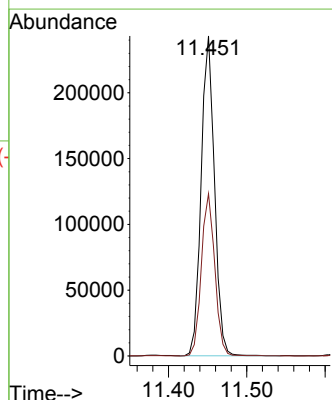
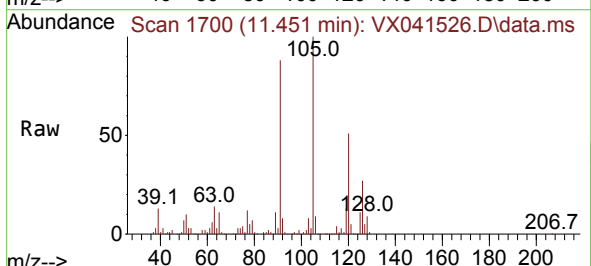
Acq: 14 May 2024 17:54

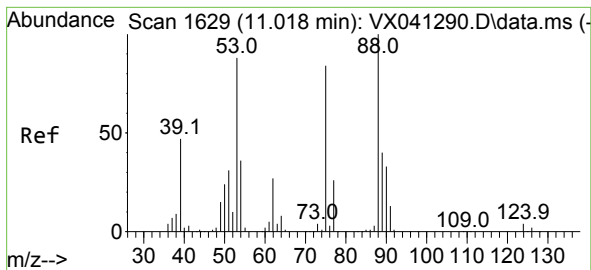
Tgt Ion: 105 Resp: 287861

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3

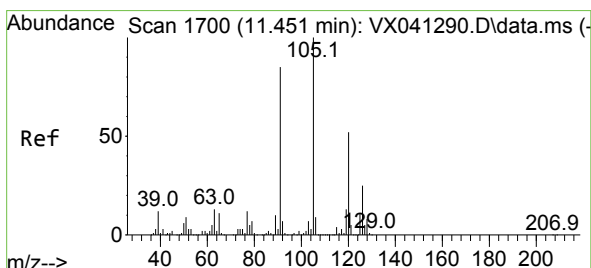
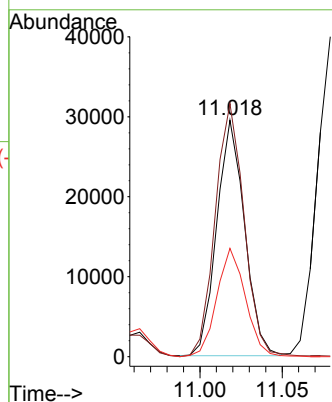
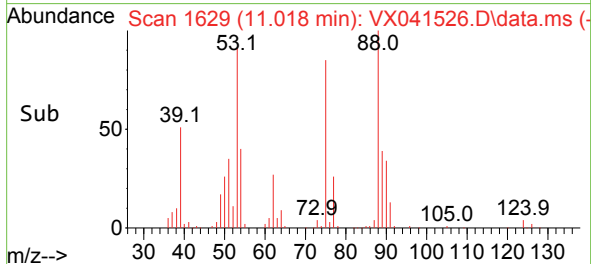
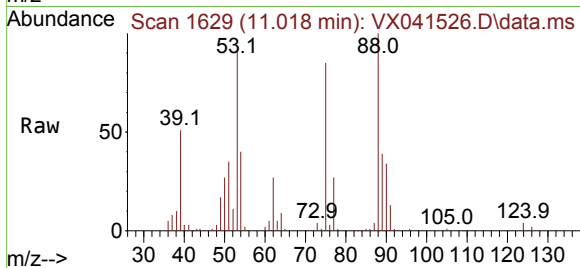




#81
trans-1,4-Dichloro-2-butene
Concen: 57.245 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

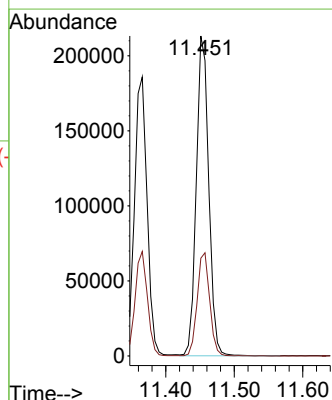
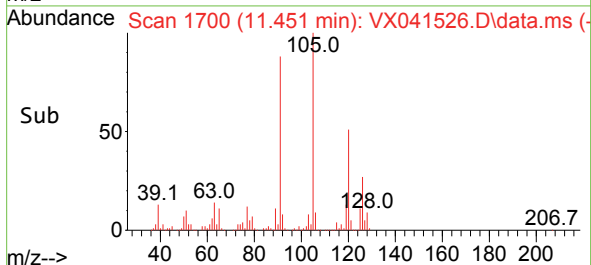
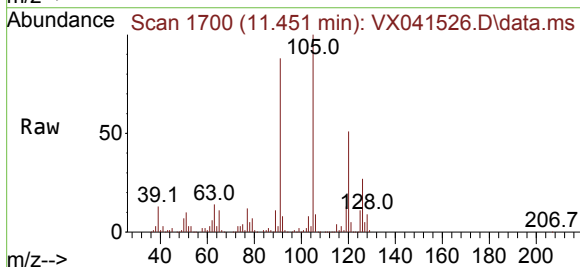
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

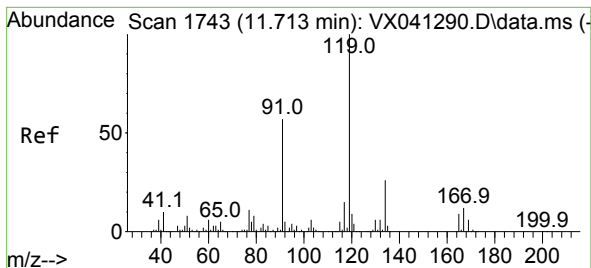
Tgt Ion: 75 Resp: 34723
Ion Ratio Lower Upper
75 100
53 111.8 90.5 135.7
89 47.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 56.574 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 91 Resp: 269023
Ion Ratio Lower Upper
91 100
126 32.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 57.909 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

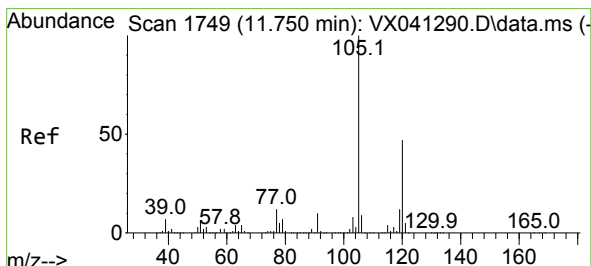
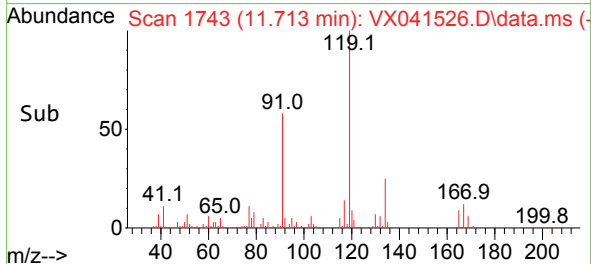
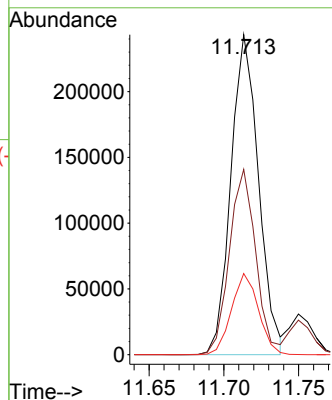
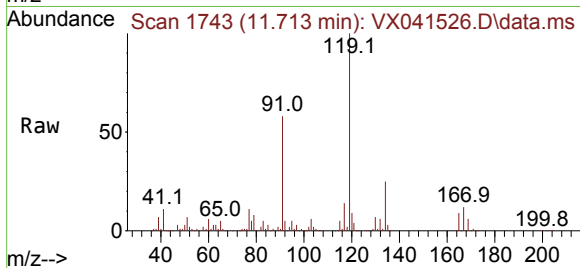
Tgt Ion:119 Resp: 312846

Ion Ratio Lower Upper

119 100

91 55.4 31.2 93.6

134 24.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 57.571 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041526.D

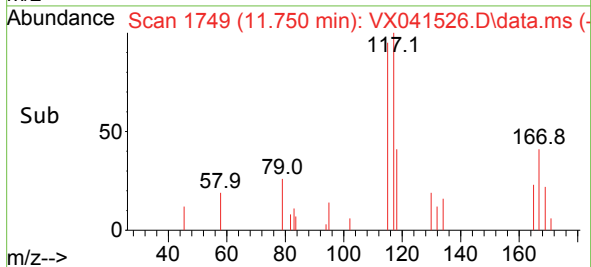
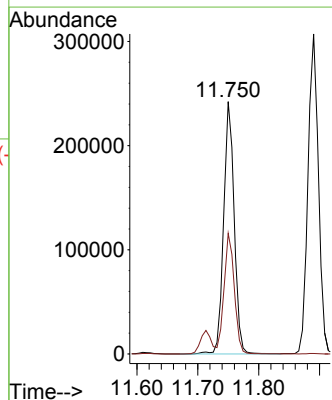
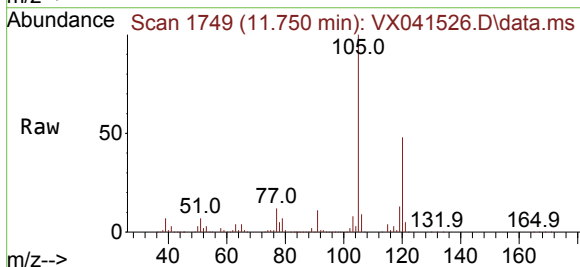
Acq: 14 May 2024 17:54

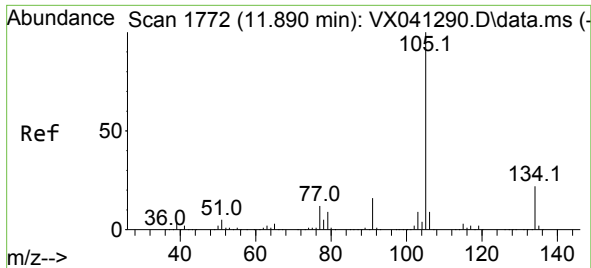
Tgt Ion:105 Resp: 292244

Ion Ratio Lower Upper

105 100

120 46.1 21.2 63.6

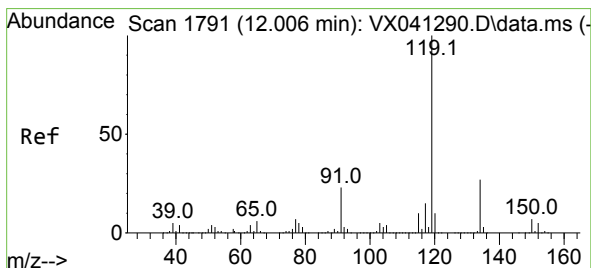
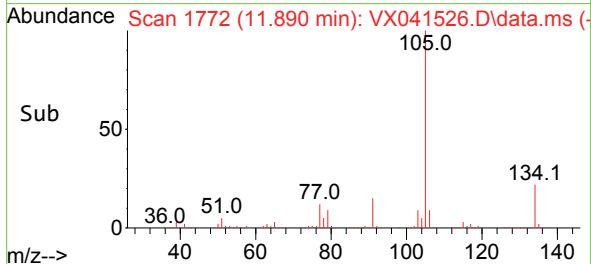
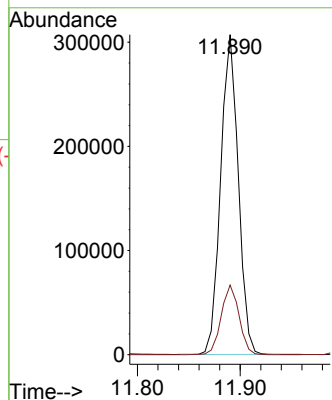
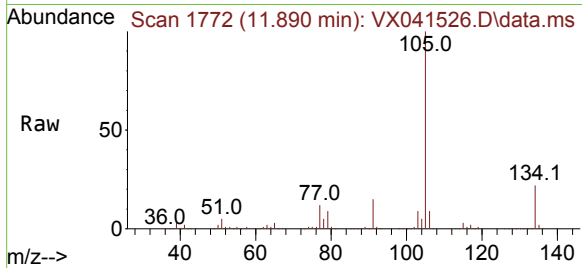




#85
 sec-Butylbenzene
 Concen: 58.845 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

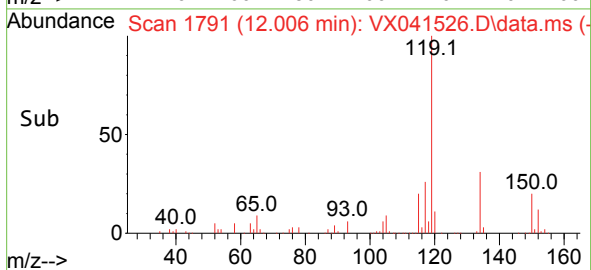
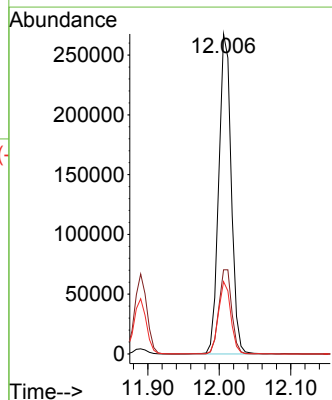
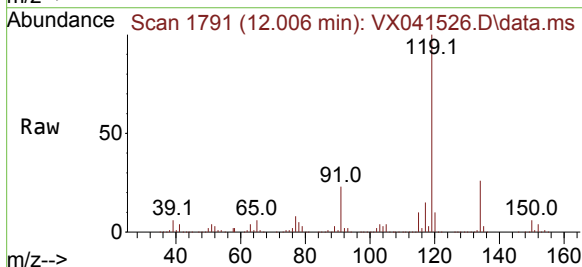
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

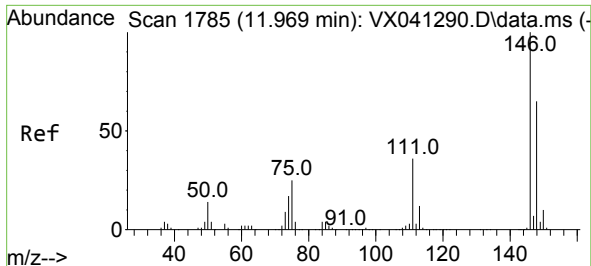
Tgt Ion:105 Resp: 364317
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 58.274 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041526.D
 Acq: 14 May 2024 17:54

Tgt Ion:119 Resp: 324025
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 22.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 57.048 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

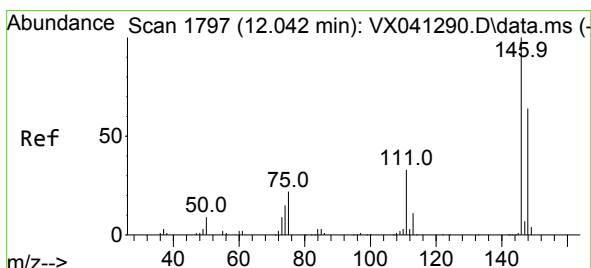
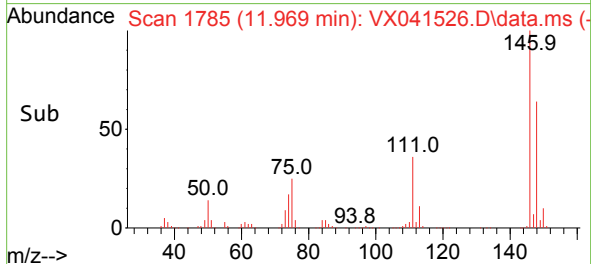
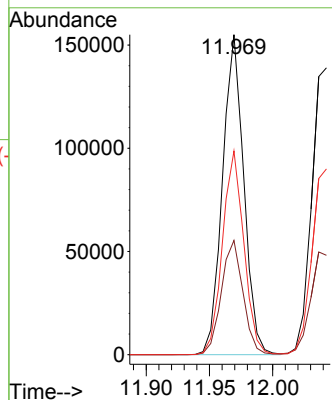
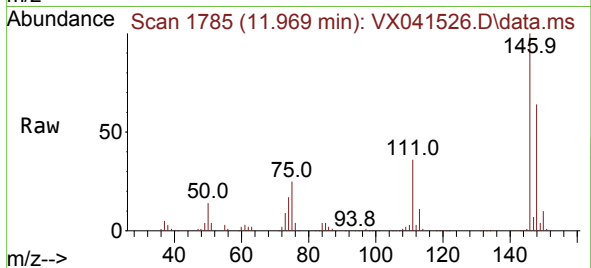
Tgt Ion:146 Resp: 181116

Ion Ratio Lower Upper

146 100

111 36.4 22.1 66.1

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 55.638 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

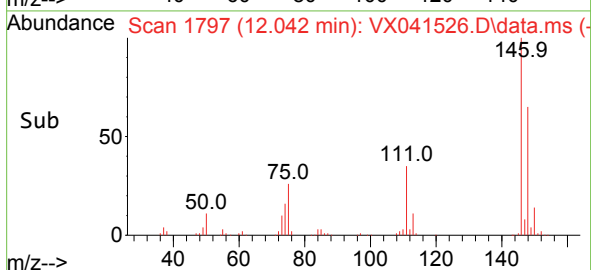
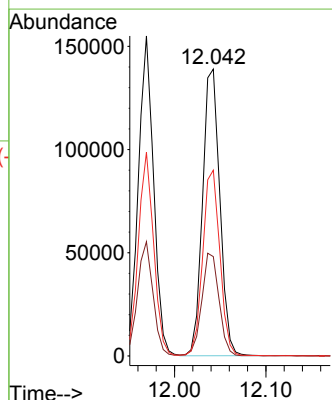
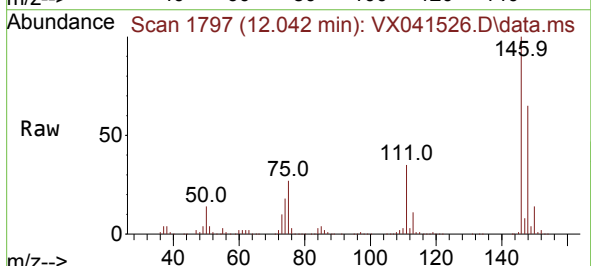
Tgt Ion:146 Resp: 181989

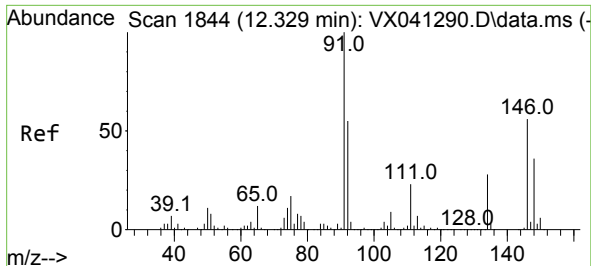
Ion Ratio Lower Upper

146 100

111 35.8 21.3 63.7

148 64.3 31.8 95.4

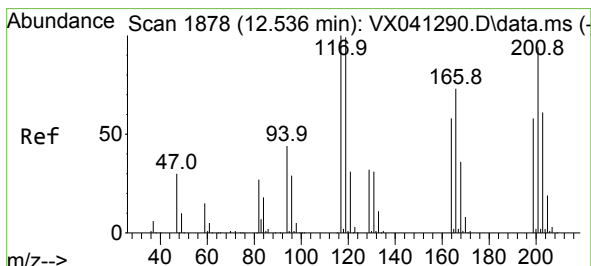
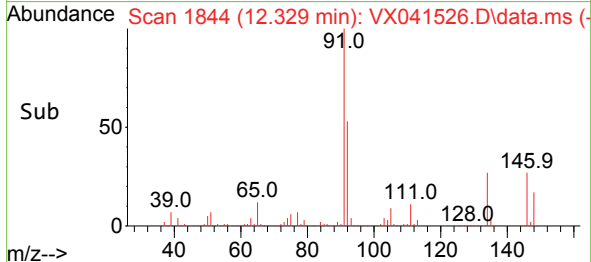
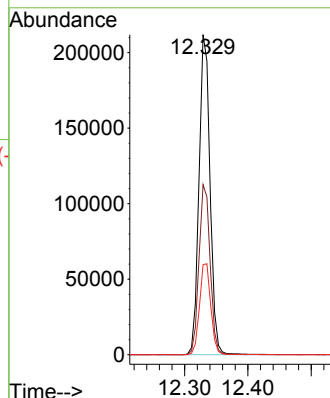
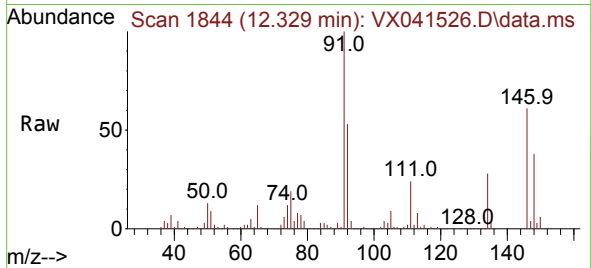




#89
n-Butylbenzene
Concen: 57.558 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

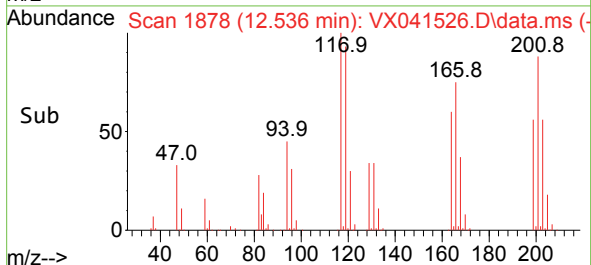
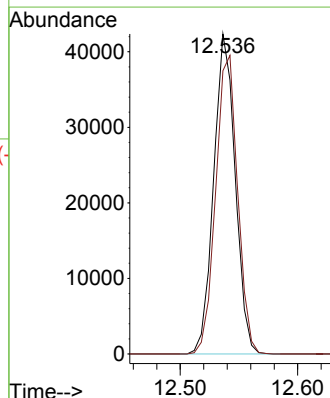
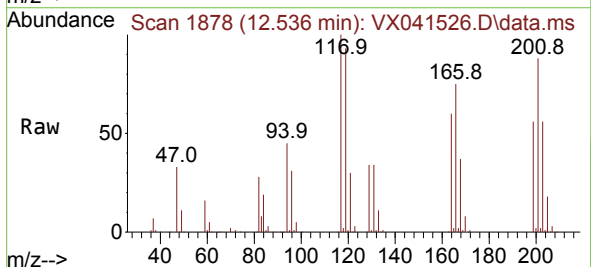
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

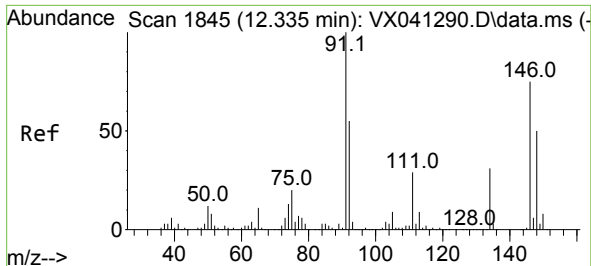
Tgt Ion: 91 Resp: 257349
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.0
134 29.0 12.6 37.8



#90
Hexachloroethane
Concen: 58.040 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 117 Resp: 53970
Ion Ratio Lower Upper
117 100
201 95.2 32.9 98.6

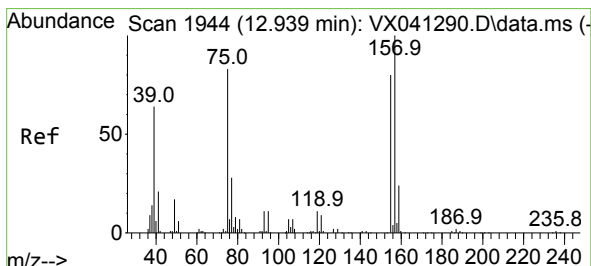
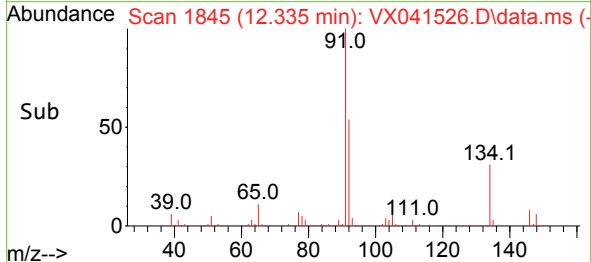
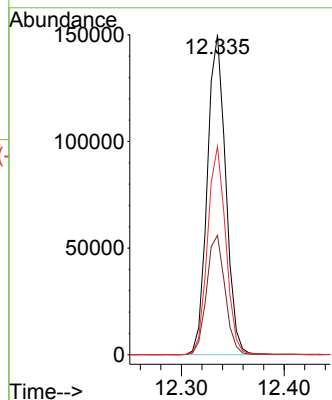
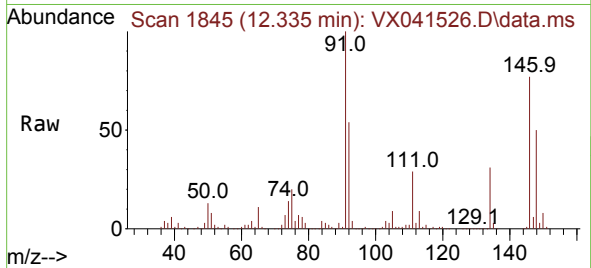




#91
1,2-Dichlorobenzene
Concen: 55.835 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

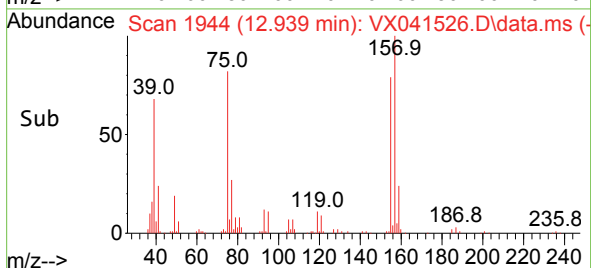
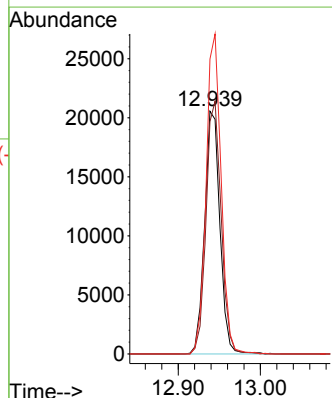
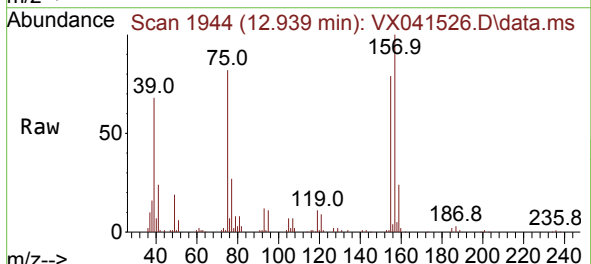
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

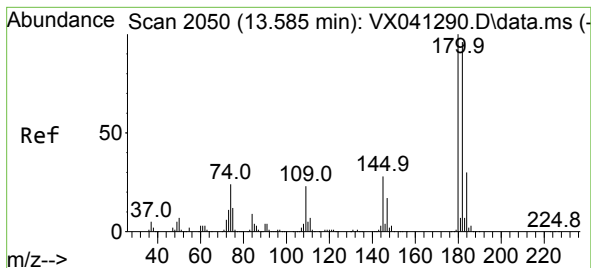
Tgt Ion:146 Resp: 187234
Ion Ratio Lower Upper
146 100
111 37.6 22.4 67.0
148 64.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.575 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041526.D
Acq: 14 May 2024 17:54

Tgt Ion: 75 Resp: 26511
Ion Ratio Lower Upper
75 100
155 103.1 36.1 108.5
157 129.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.205 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

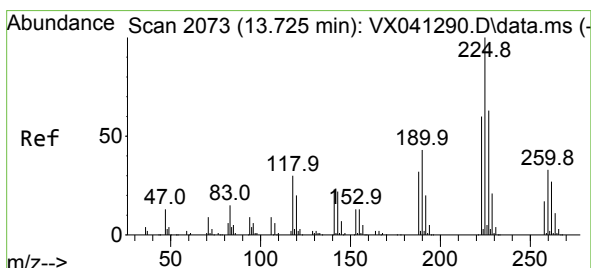
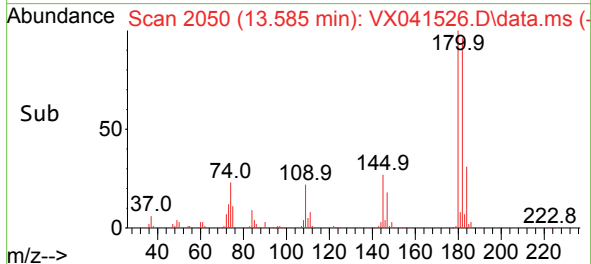
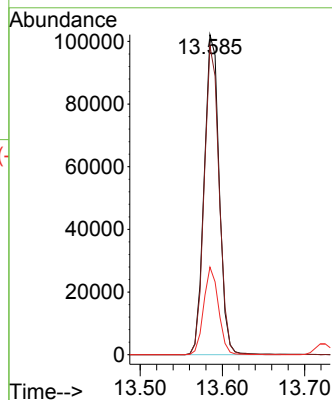
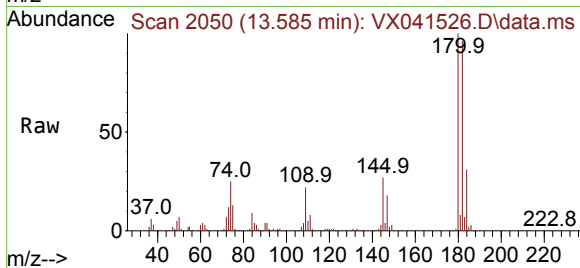
Tgt Ion:180 Resp: 129400

Ion Ratio Lower Upper

180 100

182 96.1 48.3 144.8

145 26.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 53.340 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

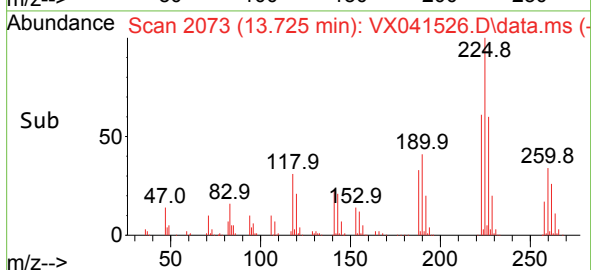
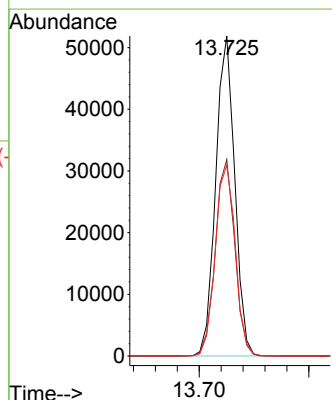
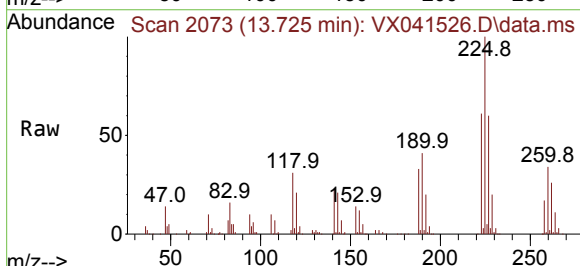
Tgt Ion:225 Resp: 62436

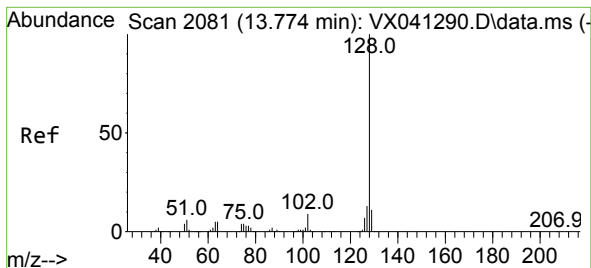
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

227 62.8 32.5 97.5





#95

Naphthalene

Concen: 57.039 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

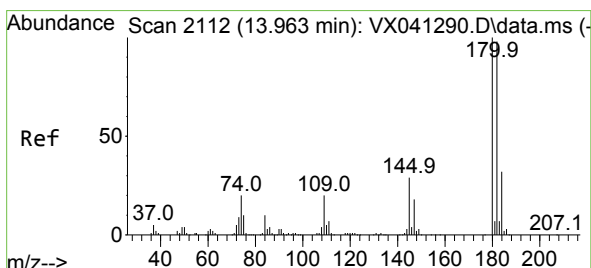
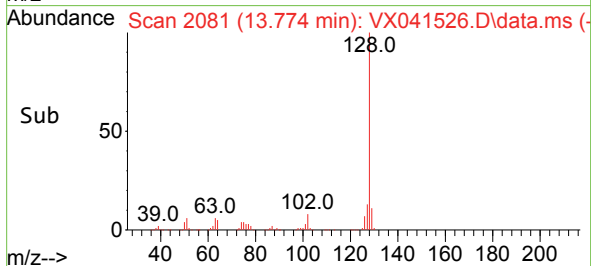
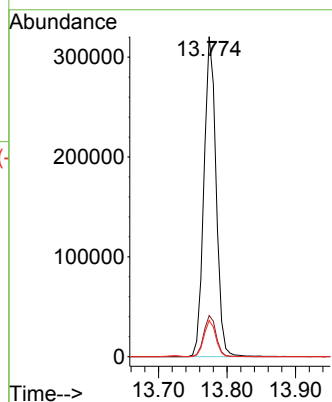
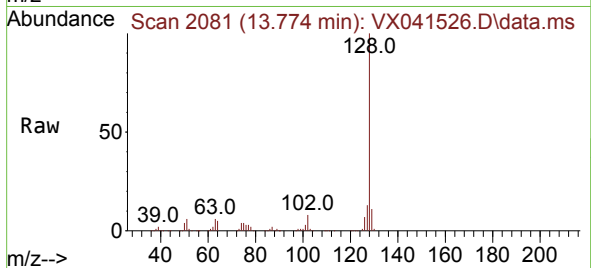
Tgt Ion:128 Resp: 396204

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.576 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX041526.D

Acq: 14 May 2024 17:54

Tgt Ion:180 Resp: 135533

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.6

145 28.8 17.8 53.5

