

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040416.D
 Acq On : 22 Feb 2024 23:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 23 06:33:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	87441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75690	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211611	148.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 297.200%#	
35) Dibromofluoromethane	5.385	113	154554	150.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 300.420%#	
50) Toluene-d8	8.653	98	561867	151.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 302.360%#	
62) 4-Bromofluorobenzene	11.079	95	228850	153.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 307.320%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	156032	148.040	ug/l	98
3) Chloromethane	1.295	50	163631	137.333	ug/l	100
4) Vinyl Chloride	1.374	62	168879	142.106	ug/l	99
5) Bromomethane	1.593	94	88541	126.643	ug/l	100
6) Chloroethane	1.666	64	101743	142.052	ug/l	97
7) Trichlorofluoromethane	1.874	101	271018	142.937	ug/l	99
8) Diethyl Ether	2.136	74	95626	141.185	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	138950	138.689	ug/l	99
10) Methyl Iodide	2.447	142	172852	148.275	ug/l	96
11) Tert butyl alcohol	2.989	59	204580	743.200	ug/l	# 90
12) 1,1-Dichloroethene	2.313	96	142145	147.101	ug/l	98
13) Acrolein	2.240	56	237342	720.657	ug/l	100
14) Allyl chloride	2.660	41	256847	143.922	ug/l	95
15) Acrylonitrile	3.069	53	461643	715.317	ug/l	98
16) Acetone	2.386	43	406895	685.749	ug/l	95
17) Carbon Disulfide	2.508	76	400116	150.612	ug/l	99
18) Methyl Acetate	2.703	43	229392	149.250	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	512405	148.721	ug/l	99
20) Methylene Chloride	2.788	84	161184	129.737	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	153241	140.543	ug/l	97
22) Diisopropyl ether	3.764	45	528262	149.751	ug/l	89
23) Vinyl Acetate	3.721	43	2453395	762.066	ug/l	99
24) 1,1-Dichloroethane	3.605	63	298338	146.248	ug/l	98
25) 2-Butanone	4.562	43	677004	731.842	ug/l	99
26) 2,2-Dichloropropane	4.471	77	205432	154.289	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	180630	148.659	ug/l	97
28) Bromochloromethane	4.898	49	126957	133.433	ug/l	98
29) Tetrahydrofuran	5.001	42	448165	727.774	ug/l	99
30) Chloroform	5.093	83	314902	143.228	ug/l	97
31) Cyclohexane	5.465	56	244679	143.313	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	278526	153.024	ug/l	99
36) 1,1-Dichloropropene	5.690	75	230369	144.669	ug/l	100
37) Ethyl Acetate	4.715	43	265003	145.660	ug/l	99
38) Carbon Tetrachloride	5.678	117	231774	157.317	ug/l	98
39) Methylcyclohexane	7.379	83	251694	149.141	ug/l	97
40) Benzene	6.038	78	633714	146.285	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	150662	155.954	ug/l	98
42) 1,2-Dichloroethane	6.086	62	267204	148.417	ug/l	99
43) Isopropyl Acetate	6.342	43	434339	155.588	ug/l	99
44) Trichloroethene	7.123	130	168011	148.290	ug/l	96
45) 1,2-Dichloropropane	7.434	63	170862	147.792	ug/l	99
46) Dibromomethane	7.580	93	126800	146.189	ug/l	99
47) Bromodichloromethane	7.824	83	250172	154.976	ug/l	97
48) Methyl methacrylate	7.696	41	222652	161.051	ug/l	95
49) 1,4-Dioxane	7.665	88	88860	3188.833	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	1427988	753.159	ug/l	99
52) Toluene	8.720	92	401182	151.117	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	269615	165.664	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	278757	160.787	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	169932	149.493	ug/l	94
56) Ethyl methacrylate	9.116	69	283312	163.116	ug/l	96
57) 1,3-Dichloropropane	9.305	76	287596	145.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	662550	760.761	ug/l	97
59) 2-Hexanone	9.433	43	1131856	774.040	ug/l	99
60) Dibromochloromethane	9.525	129	190185	166.850	ug/l	100
61) 1,2-Dibromoethane	9.610	107	186381	152.549	ug/l	99
64) Tetrachloroethene	9.275	164	145059	137.920	ug/l	96
65) Chlorobenzene	10.080	112	434363	150.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	163808	161.859	ug/l	99
67) Ethyl Benzene	10.195	91	815577	150.231	ug/l	100
68) m/p-Xylenes	10.299	106	601051	303.628	ug/l	96
69) o-Xylene	10.640	106	299777	153.203	ug/l	96
70) Styrene	10.659	104	513394	159.167	ug/l	98
71) Bromoform	10.799	173	140600	171.844	ug/l #	99
73) Isopropylbenzene	10.964	105	800773	149.524	ug/l	99
74) N-amyl acetate	10.842	43	414018	166.620	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	283016	147.829	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	321618	191.092	ug/l	90
77) Bromobenzene	11.201	156	190837	145.832	ug/l	99
78) n-propylbenzene	11.305	91	984591	148.836	ug/l	98
79) 2-Chlorotoluene	11.366	91	581955	147.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	684276	150.397	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	83586	172.807	ug/l	97
82) 4-Chlorotoluene	11.457	91	685991	148.256	ug/l	100
83) tert-Butylbenzene	11.713	119	662104	154.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	697454	151.927	ug/l	99
85) sec-Butylbenzene	11.890	105	855316	149.816	ug/l	100
86) p-Isopropyltoluene	12.012	119	700003	153.457	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	365571	146.063	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	368727	142.105	ug/l	99
89) n-Butylbenzene	12.335	91	686038	152.857	ug/l	97
90) Hexachloroethane	12.536	117	125256	171.457	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	346544	143.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	73427	168.185	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	233762	150.024	ug/l	97
94) Hexachlorobutadiene	13.725	225	87528	155.100	ug/l	98
95) Naphthalene	13.774	128	796090	159.212	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	227511	151.654	ug/l	97

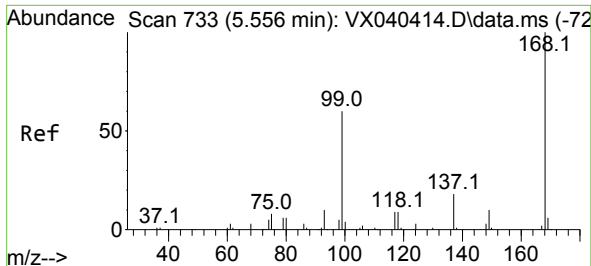
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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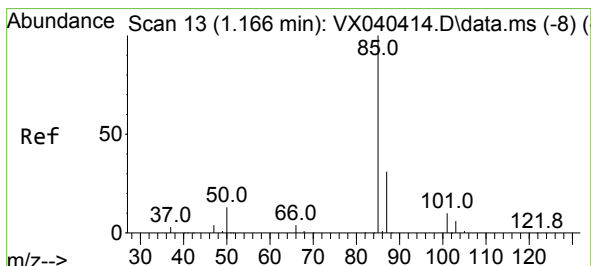
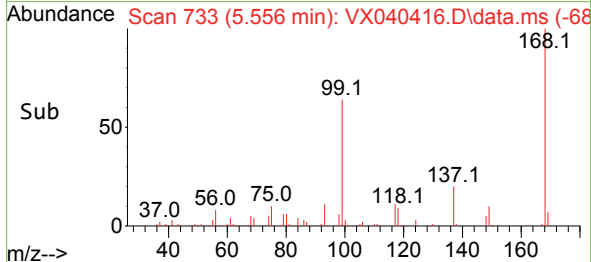
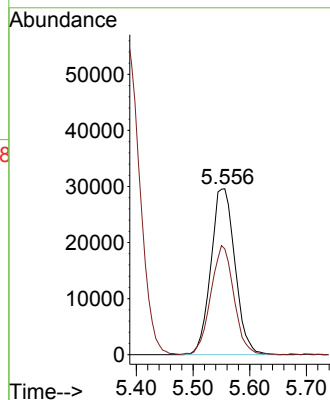
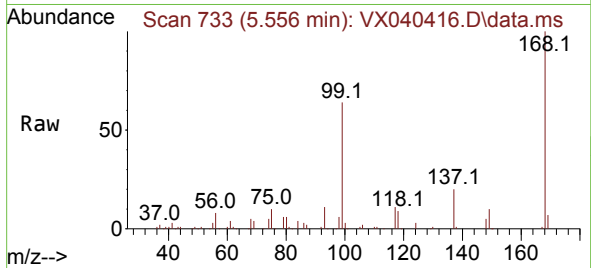
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

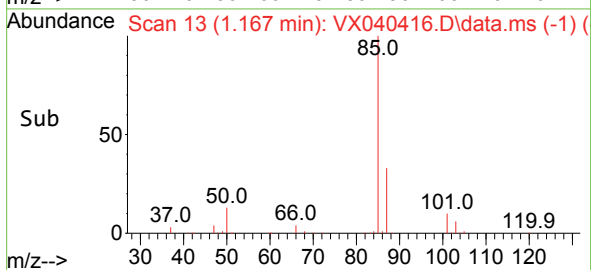
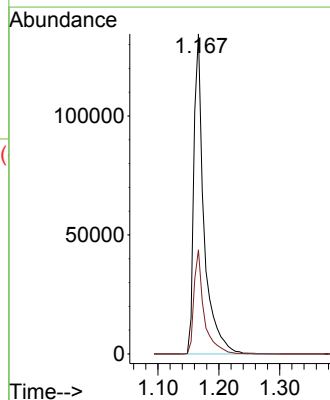
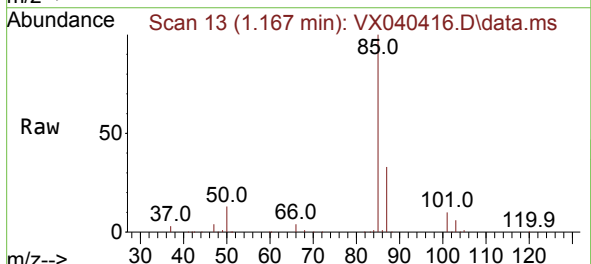
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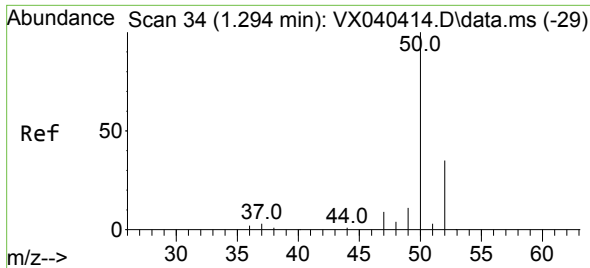
Tgt Ion:168 Resp: 87441
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 148.040 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 85 Resp: 156032
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

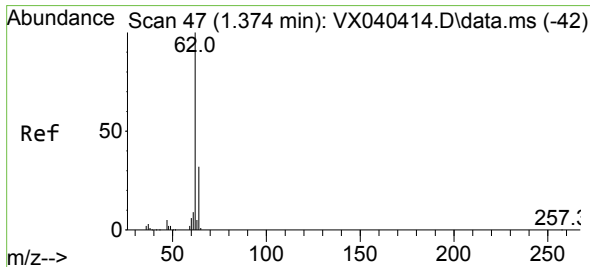
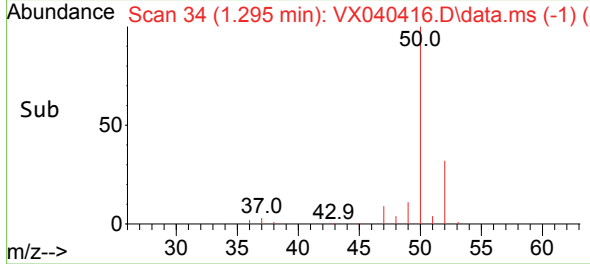
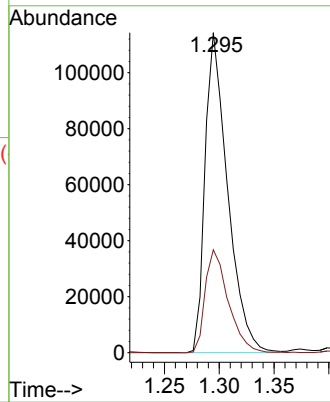
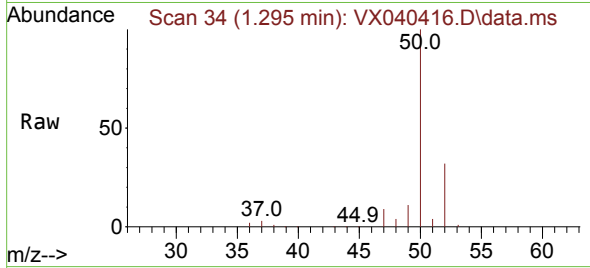




#3
 Chloromethane
 Concen: 137.333 ug/l
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

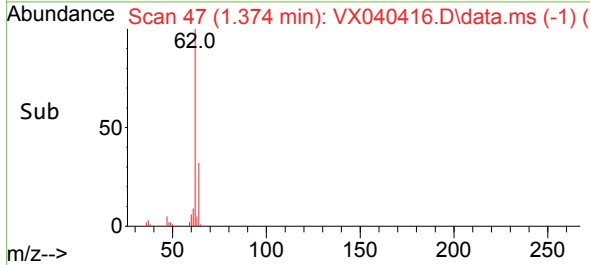
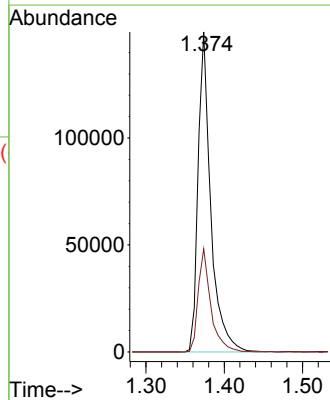
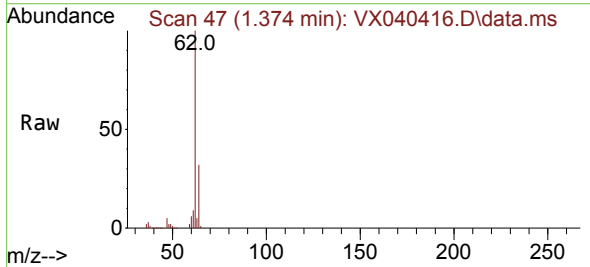
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

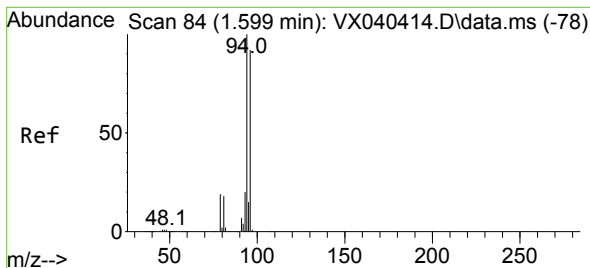
Tgt Ion: 50 Resp: 163631
 Ion Ratio Lower Upper
 50 100
 52 32.1 25.5 38.3



#4
 Vinyl Chloride
 Concen: 142.106 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

Tgt Ion: 62 Resp: 168879
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.4 38.0





#5

Bromomethane

Concen: 126.643 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

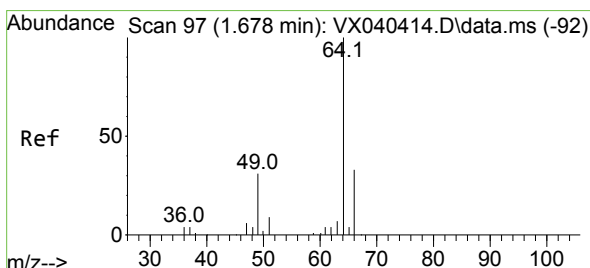
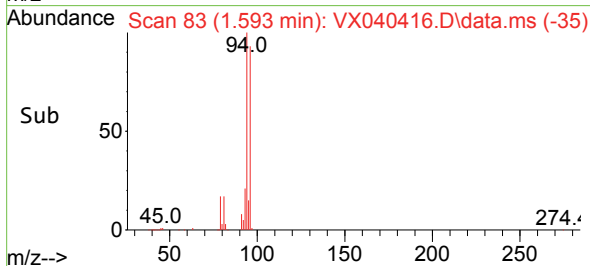
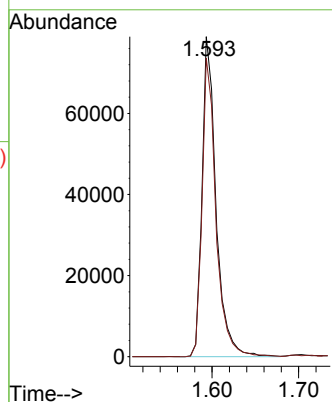
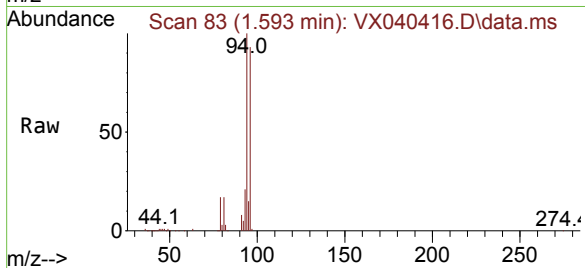
VSTDICC150

Tgt Ion: 94 Resp: 88541

Ion Ratio Lower Upper

94 100

96 93.4 74.6 111.8



#6

Chloroethane

Concen: 142.052 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.012 min

Lab File: VX040416.D

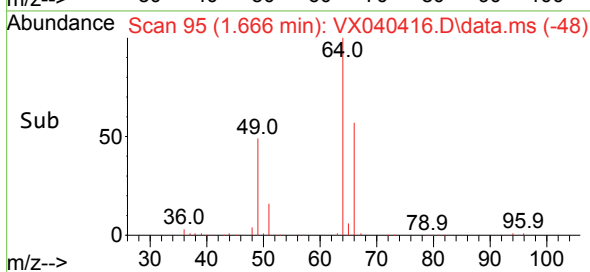
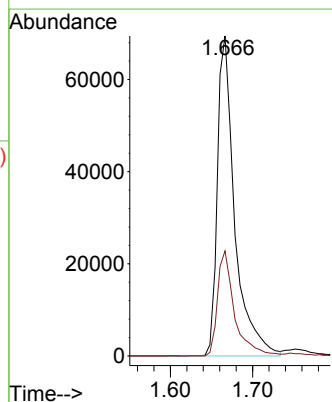
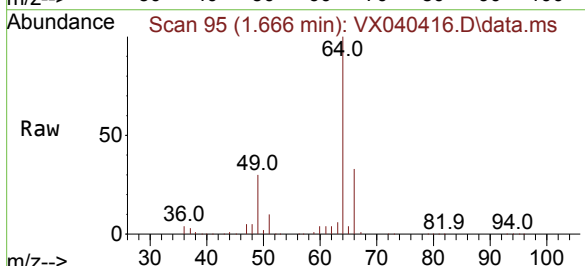
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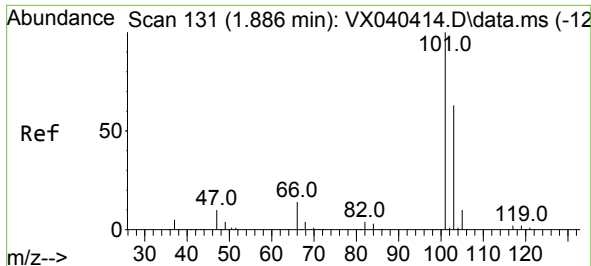
Tgt Ion: 64 Resp: 101743

Ion Ratio Lower Upper

64 100

66 32.9 25.1 37.7

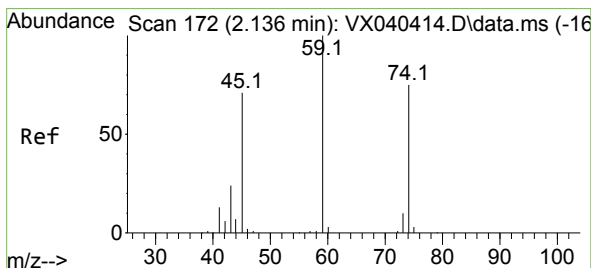
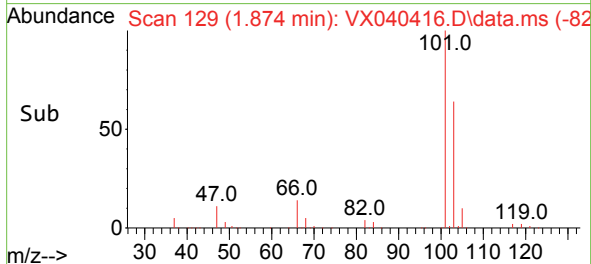
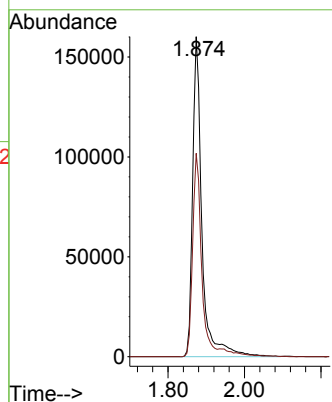
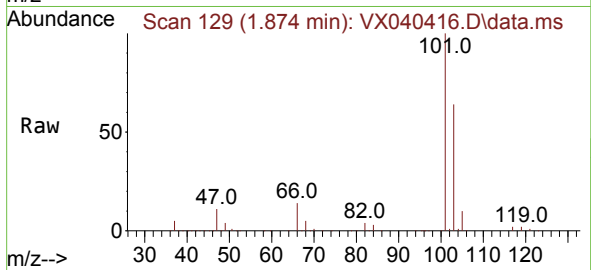




#7
Trichlorofluoromethane
Concen: 142.937 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

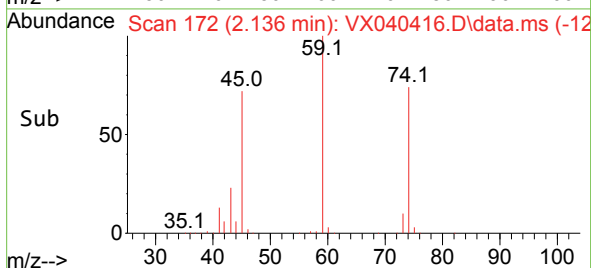
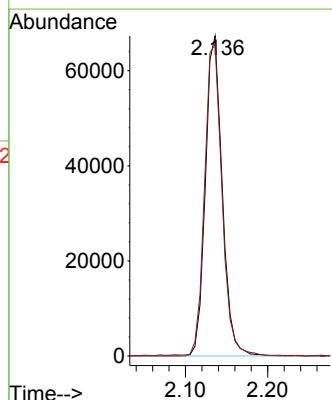
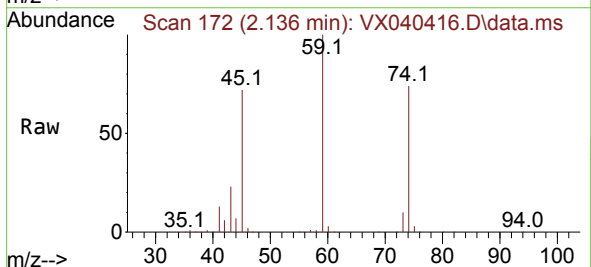
Instrument :
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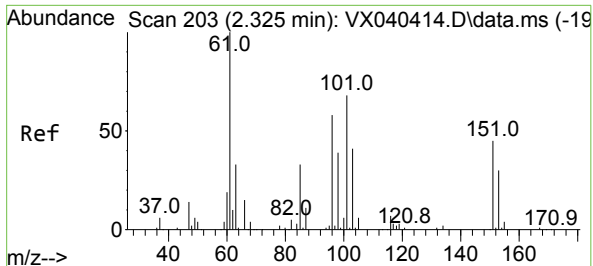
Tgt Ion:101 Resp: 271018
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2



#8
Diethyl Ether
Concen: 141.185 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 74 Resp: 95626
Ion Ratio Lower Upper
74 100
45 101.6 53.3 159.8

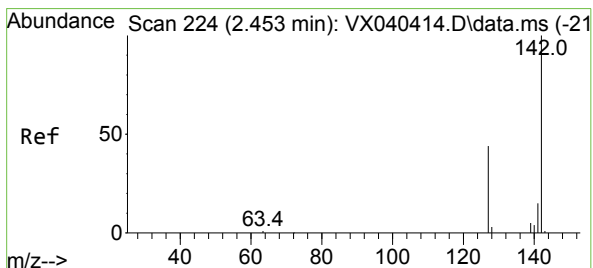
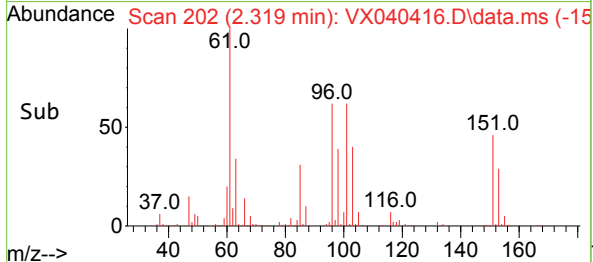
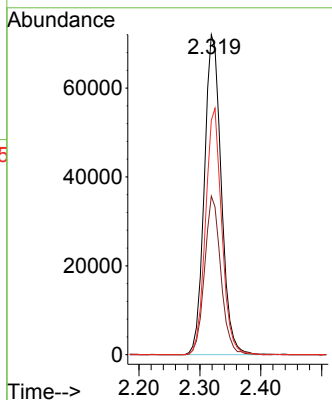
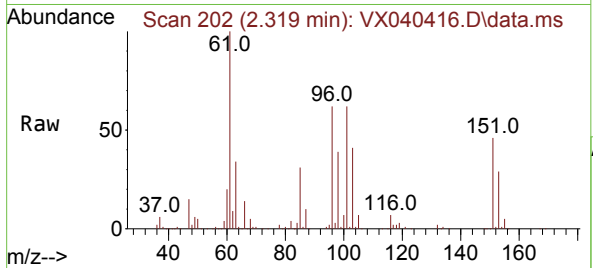




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.689 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040416.D
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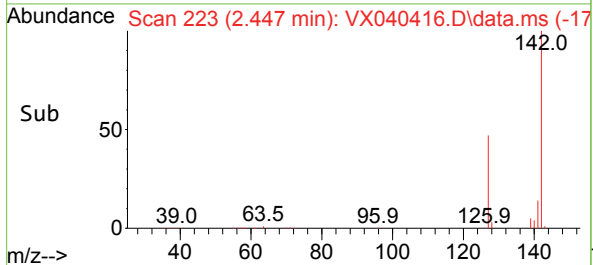
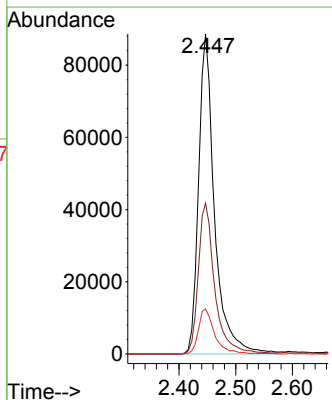
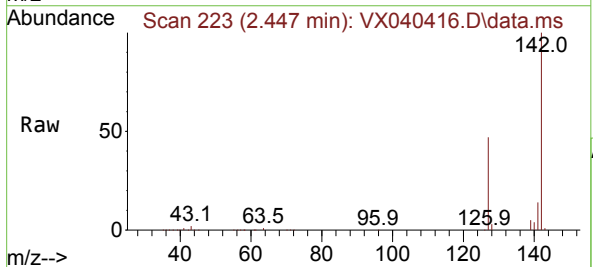
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

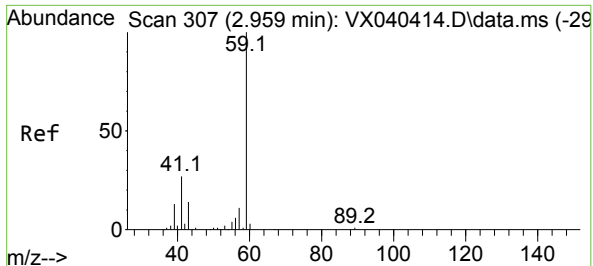
Tgt Ion:101 Resp: 138950
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 73.7 58.6 87.8



#10
Methyl Iodide
Concen: 148.275 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:142 Resp: 172852
Ion Ratio Lower Upper
142 100
127 48.6 41.6 62.4
141 14.4 11.6 17.4

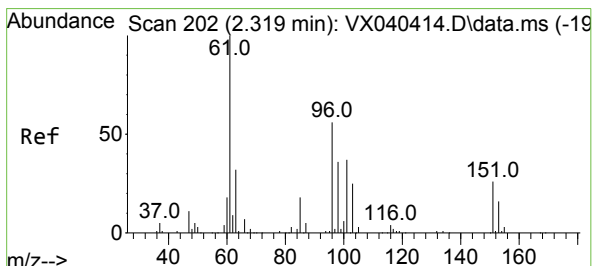
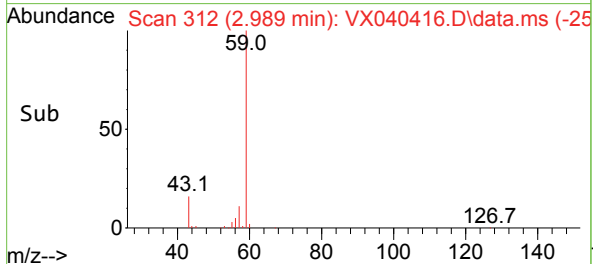
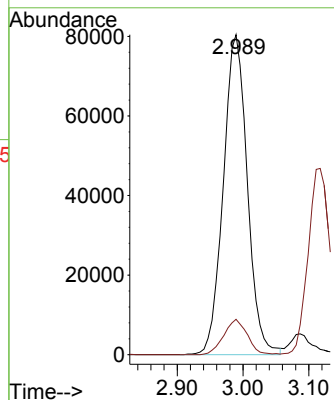
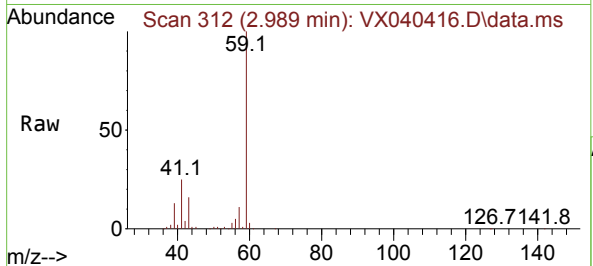




#11
Tert butyl alcohol
Concen: 743.200 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.031 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

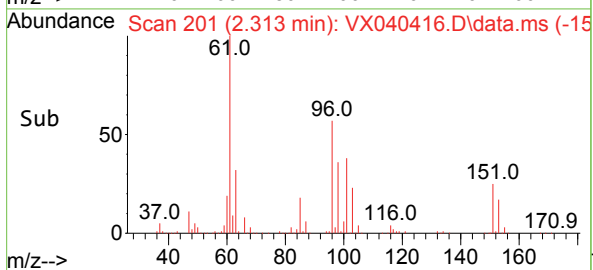
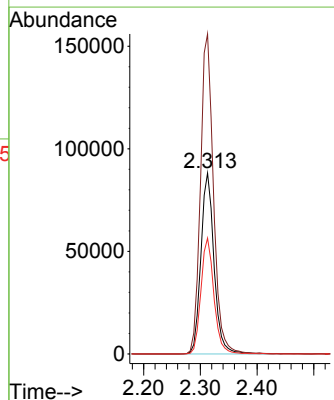
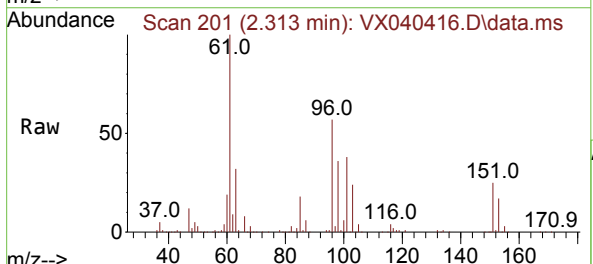
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

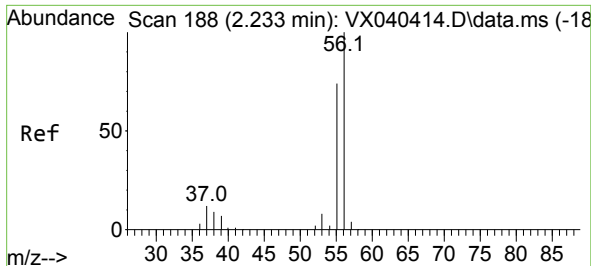
Tgt Ion: 59 Resp: 204580
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 147.101 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 96 Resp: 142145
Ion Ratio Lower Upper
96 100
61 176.8 144.6 216.8
98 64.0 50.4 75.6

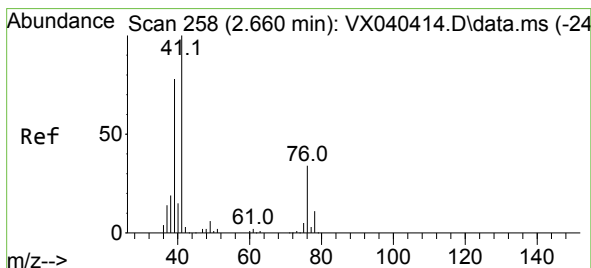
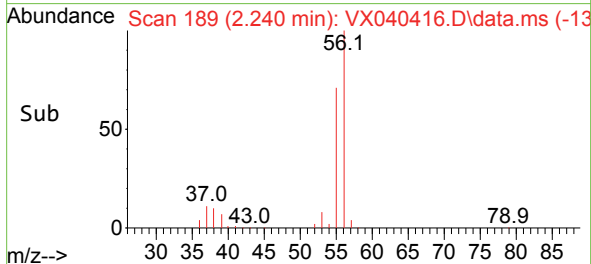
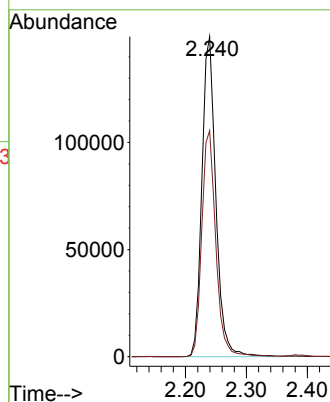
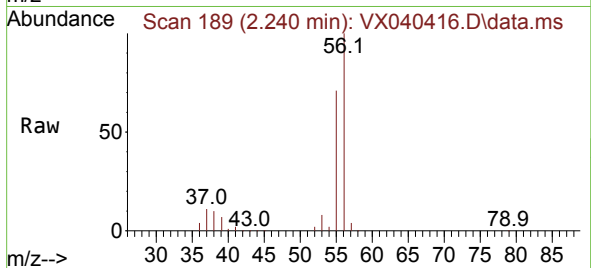




#13
Acrolein
Concen: 720.657 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

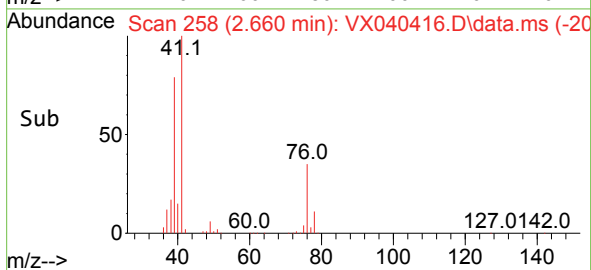
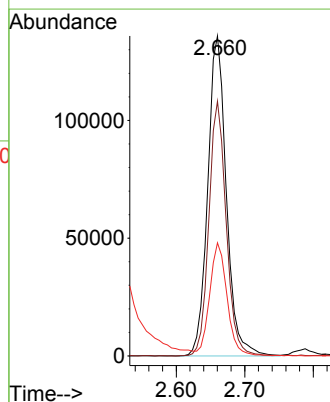
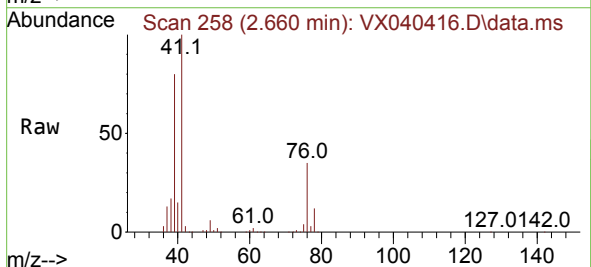
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

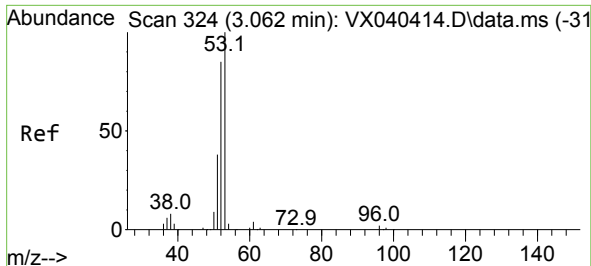
Tgt Ion: 56 Resp: 237342
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7



#14
Allyl chloride
Concen: 143.922 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 41 Resp: 256847
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 32.8 24.3 36.5

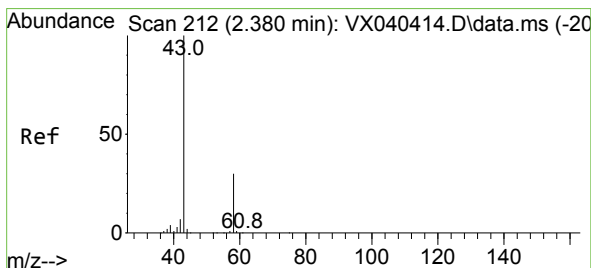
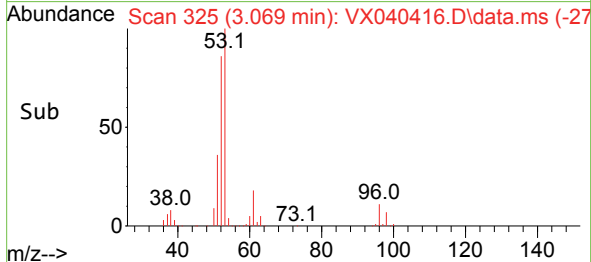
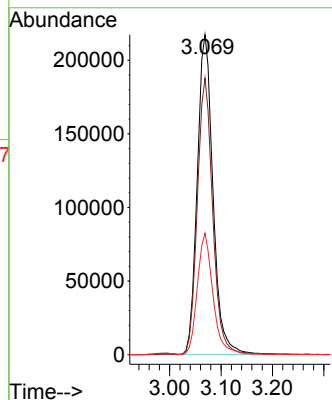
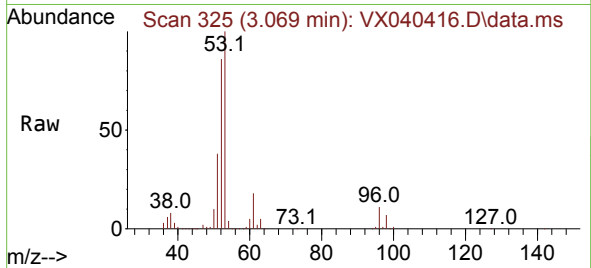




#15
Acrylonitrile
Concen: 715.317 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

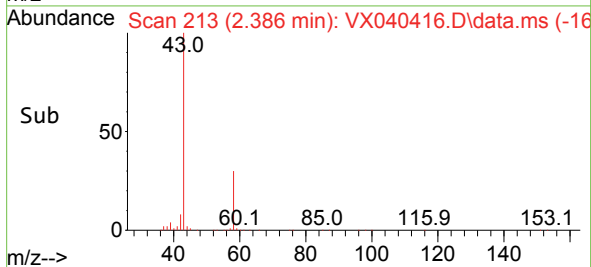
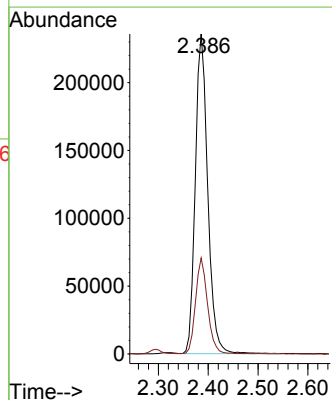
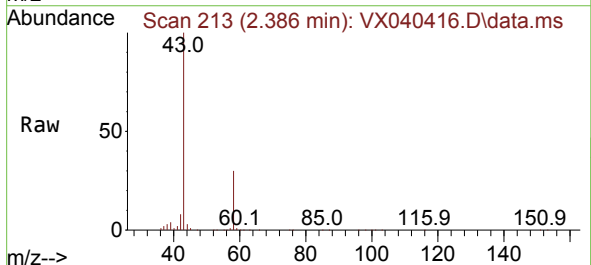
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

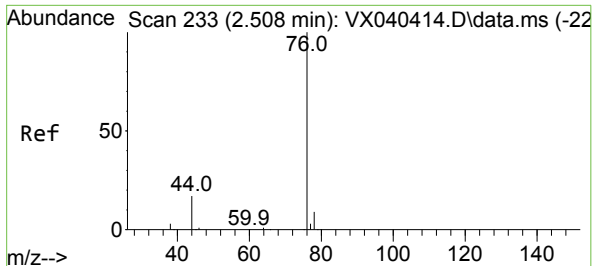
Tgt Ion: 53 Resp: 461643
Ion Ratio Lower Upper
53 100
52 85.1 66.0 99.0
51 37.6 29.8 44.6



#16
Acetone
Concen: 685.749 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 43 Resp: 406895
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#17

Carbon Disulfide

Concen: 150.612 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

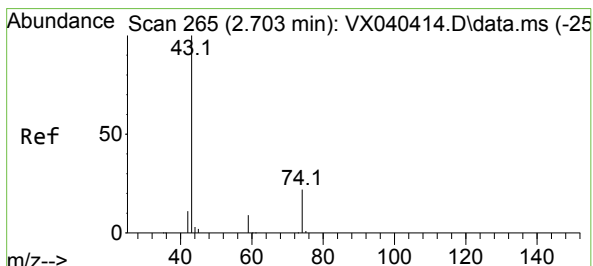
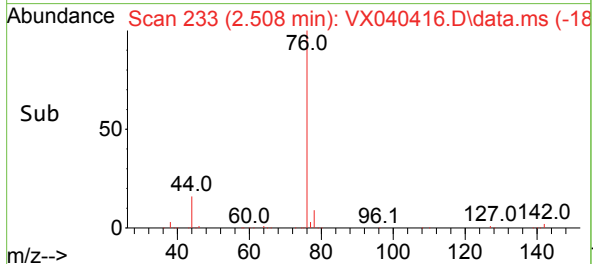
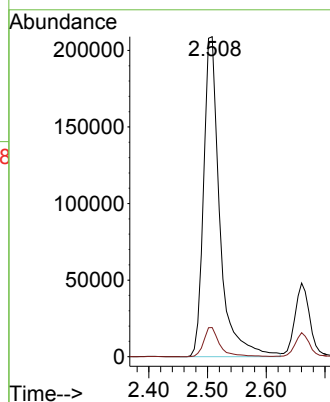
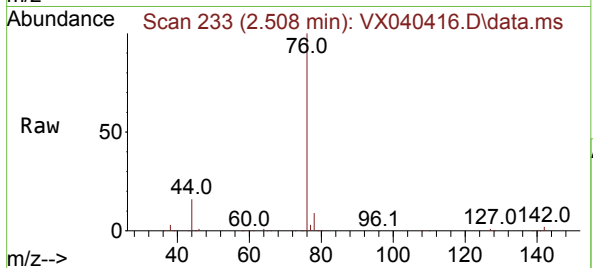
VSTDIC150

Tgt Ion: 76 Resp: 400116

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 149.250 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040416.D

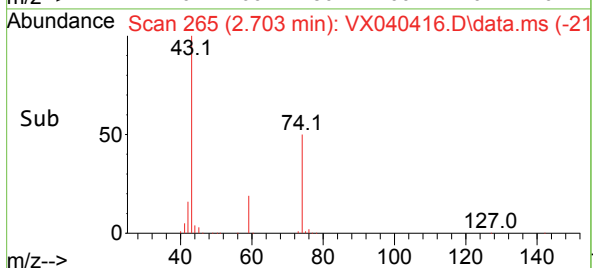
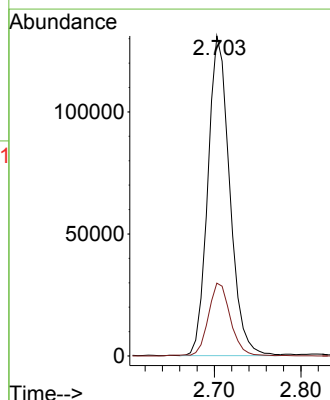
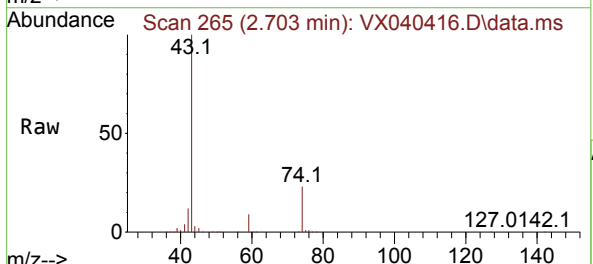
Acq: 22 Feb 2024 23:28

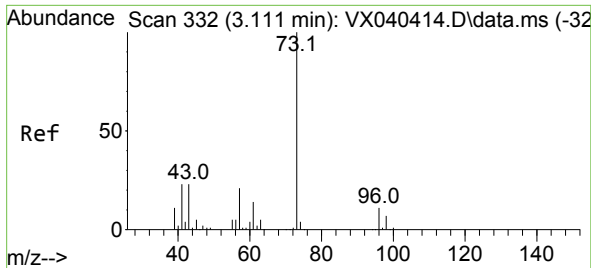
Tgt Ion: 43 Resp: 229392

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.8

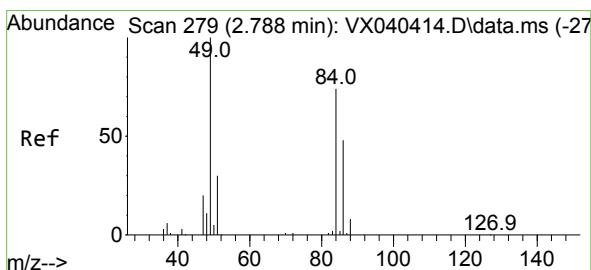
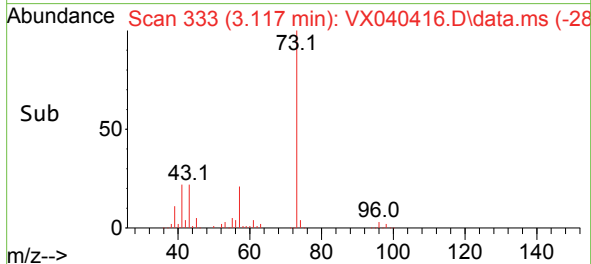
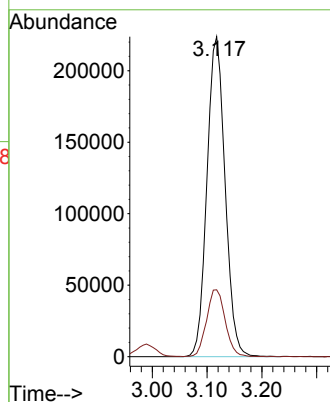
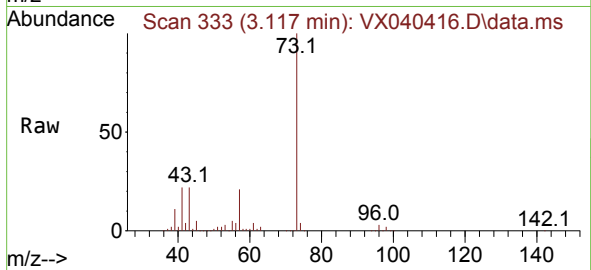




#19
Methyl tert-butyl Ether
Concen: 148.721 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

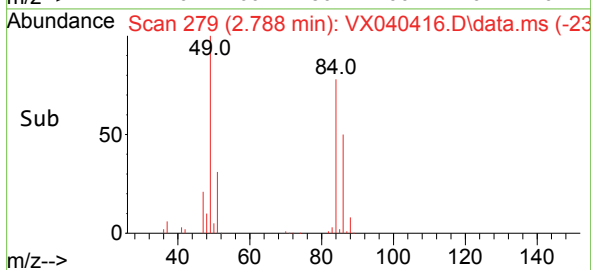
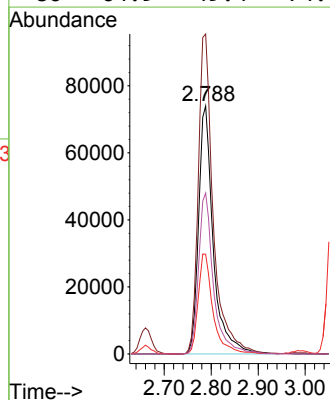
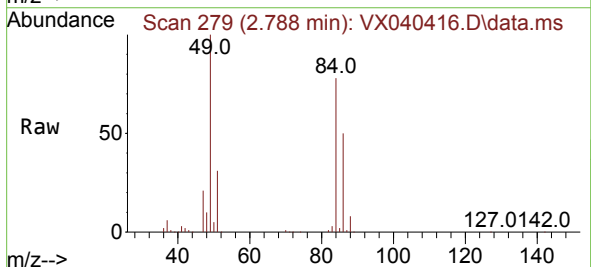
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

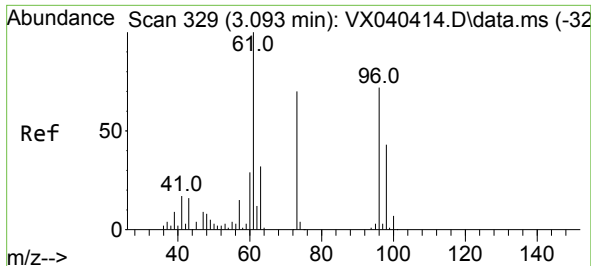
Tgt Ion: 73 Resp: 512405
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 129.737 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 84 Resp: 161184
Ion Ratio Lower Upper
84 100
49 129.0 103.6 155.4
51 40.2 33.8 50.6
86 64.9 49.4 74.0

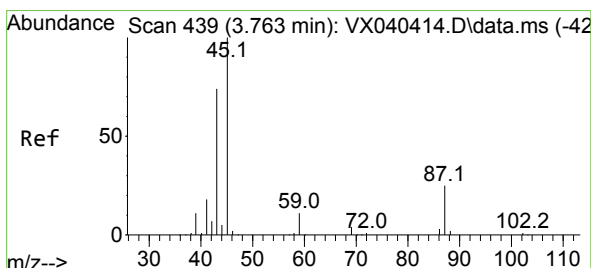
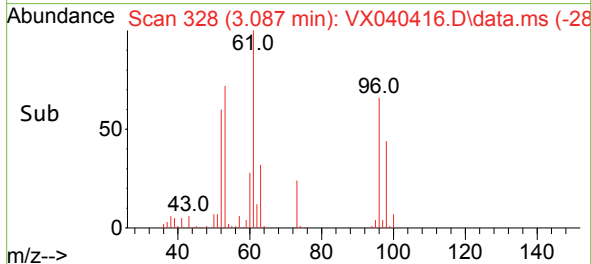
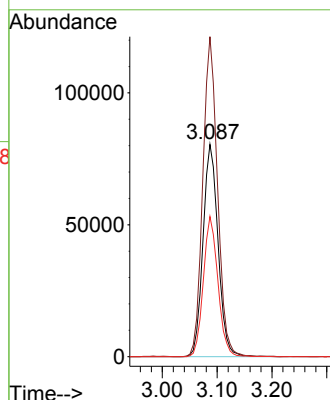
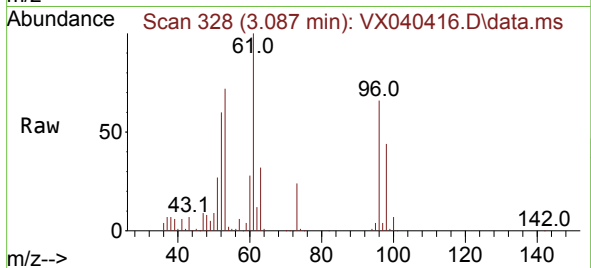




#21
trans-1,2-Dichloroethene
Concen: 140.543 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

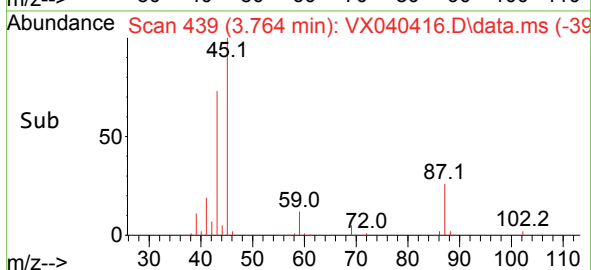
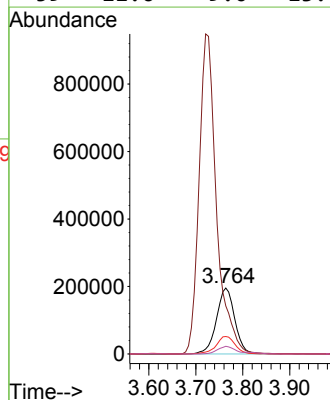
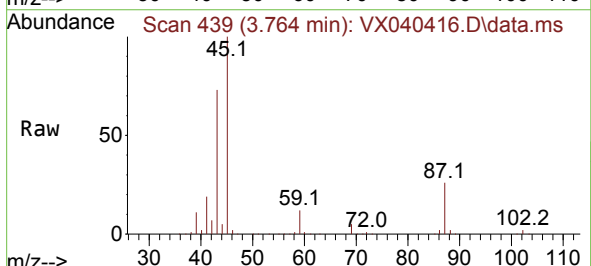
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

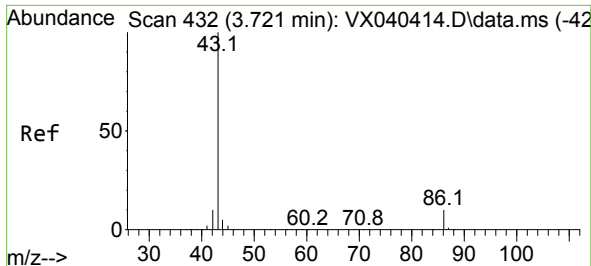
Tgt Ion: 96 Resp: 153241
Ion Ratio Lower Upper
96 100
61 150.7 119.2 178.8
98 66.0 48.7 73.1



#22
Diisopropyl ether
Concen: 149.751 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 45 Resp: 528262
Ion Ratio Lower Upper
45 100
43 72.9 69.7 104.5
87 26.5 20.8 31.2
59 11.6 9.0 13.4

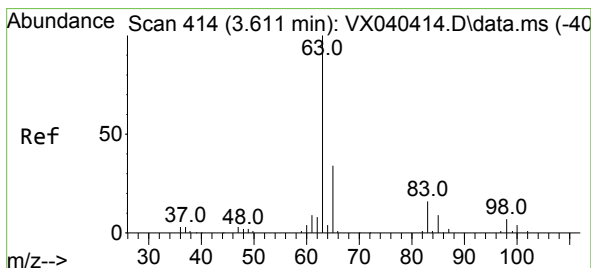
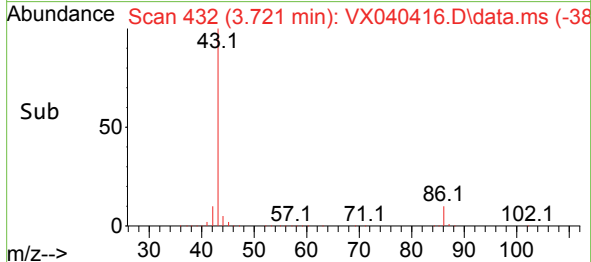
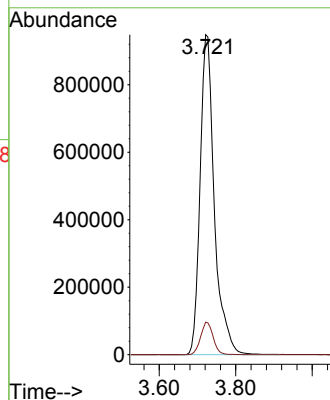
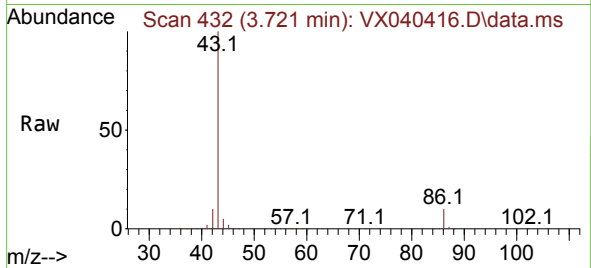




#23
 Vinyl Acetate
 Concen: 762.066 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

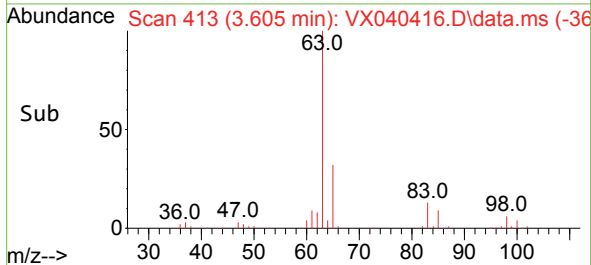
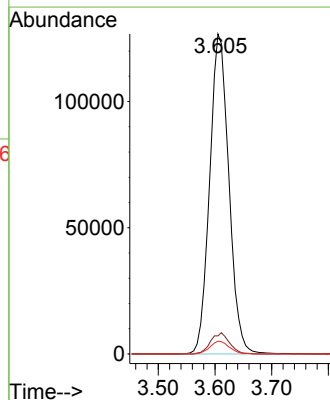
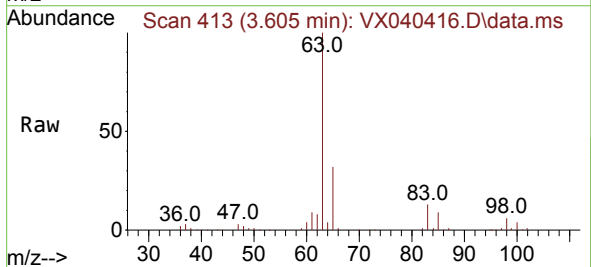
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

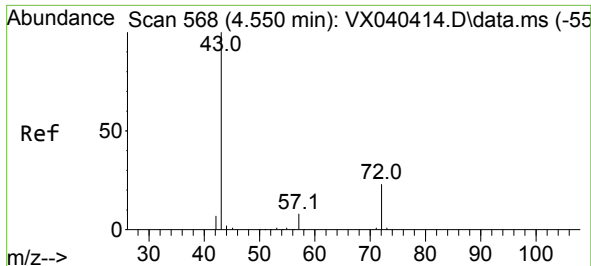
Tgt Ion: 43 Resp: 2453395
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 146.248 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

Tgt Ion: 63 Resp: 298338
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 4.0 2.1 6.5

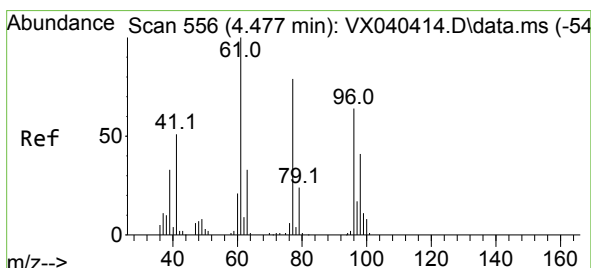
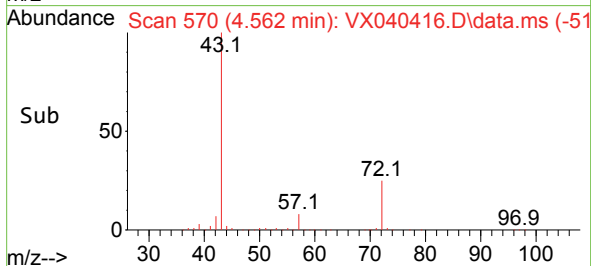
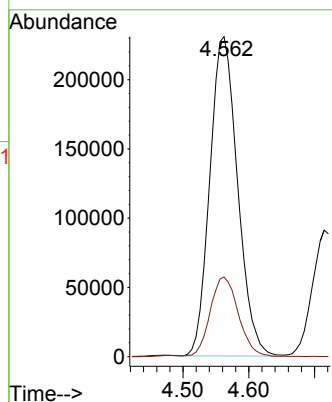
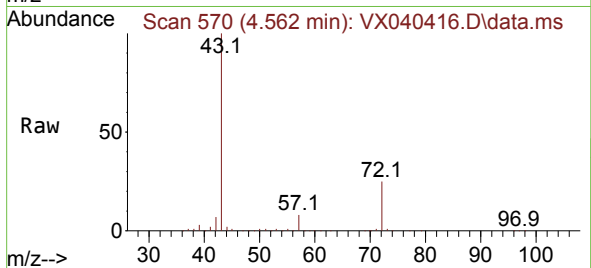




#25
2-Butanone
Concen: 731.842 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

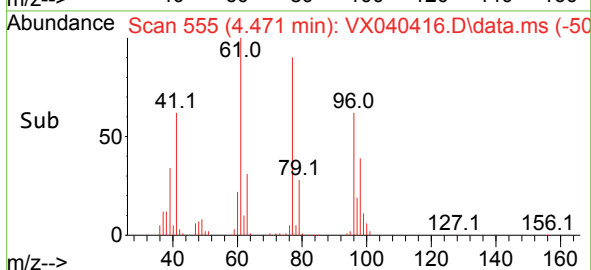
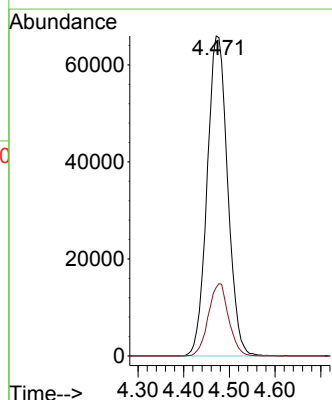
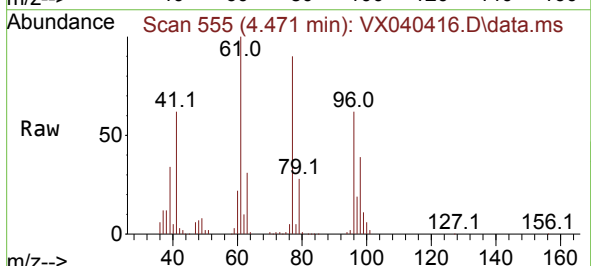
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

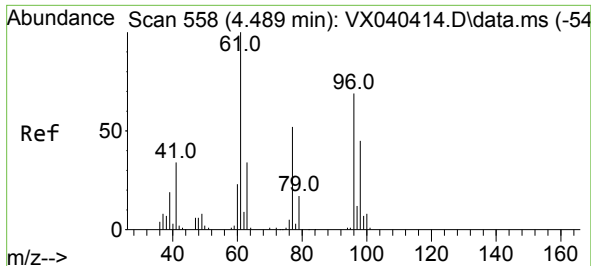
Tgt Ion: 43 Resp: 677004
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#26
2,2-Dichloropropane
Concen: 154.289 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 77 Resp: 205432
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 148.659 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

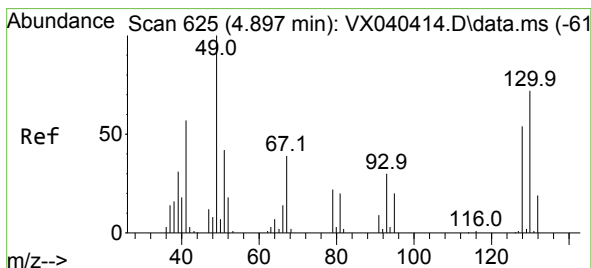
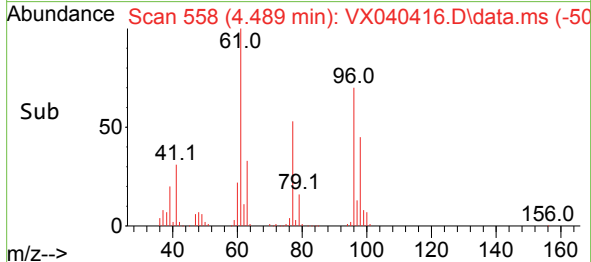
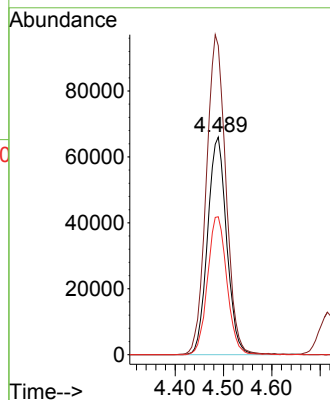
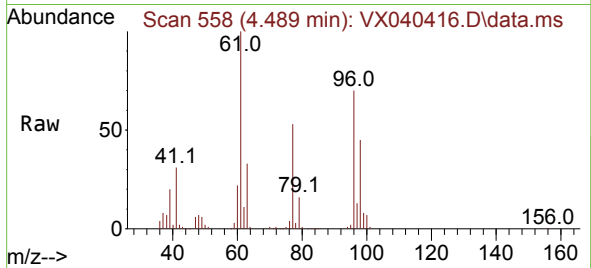
Tgt Ion: 96 Resp: 180630

Ion Ratio Lower Upper

96 100

61 150.8 0.0 312.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 133.433 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

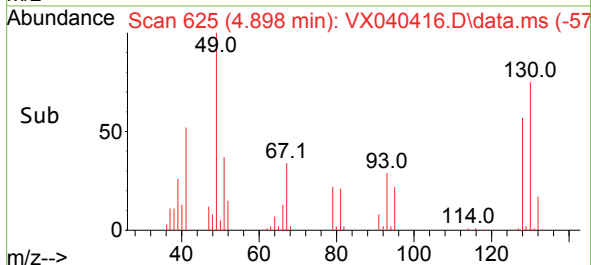
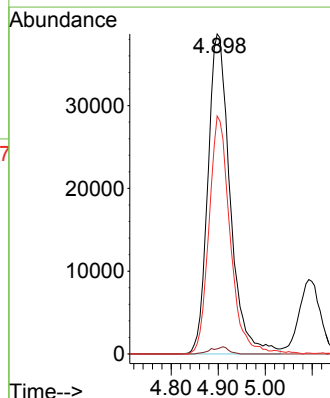
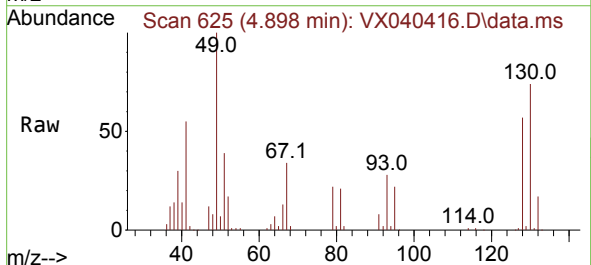
Tgt Ion: 49 Resp: 126957

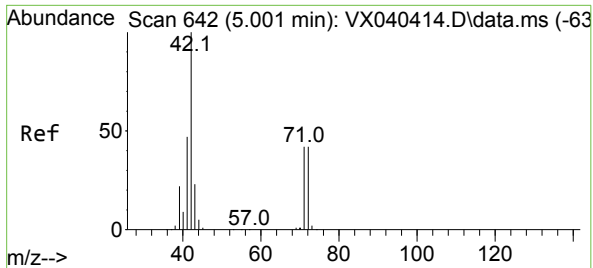
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 70.2 57.5 86.3

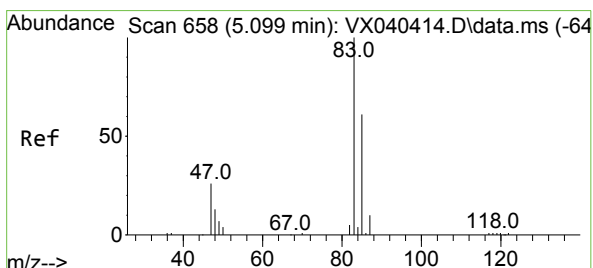
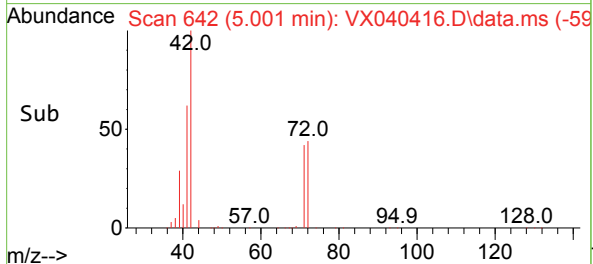
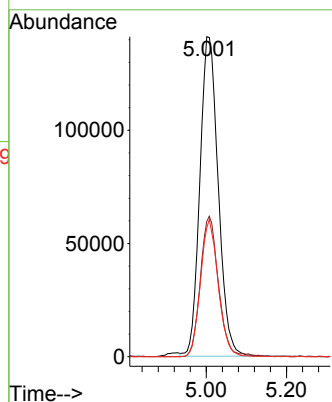
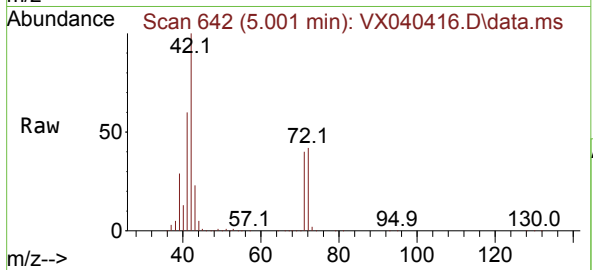




#29
Tetrahydrofuran
Concen: 727.774 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

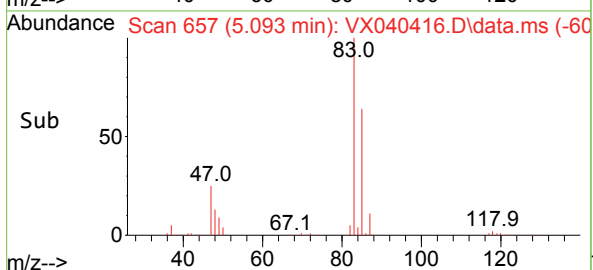
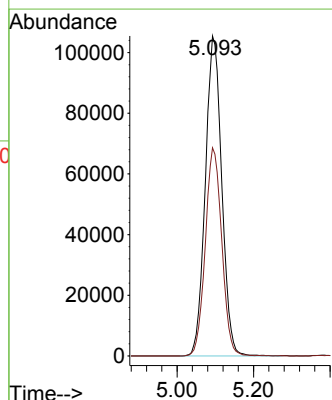
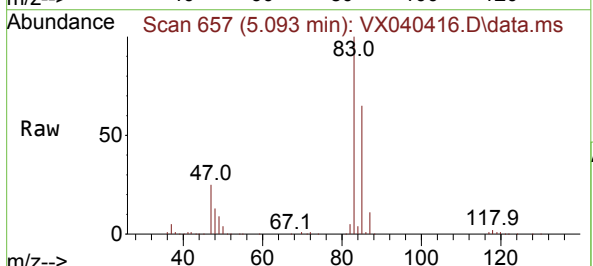
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

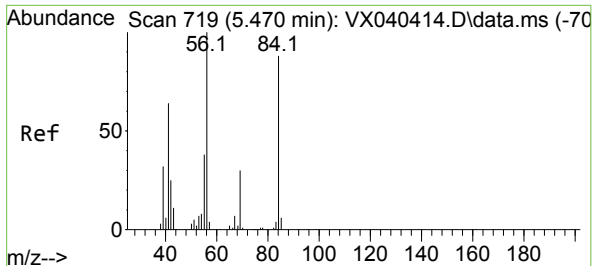
Tgt Ion: 42 Resp: 448165
Ion Ratio Lower Upper
42 100
72 43.6 34.2 51.4
71 41.2 32.2 48.2



#30
Chloroform
Concen: 143.228 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

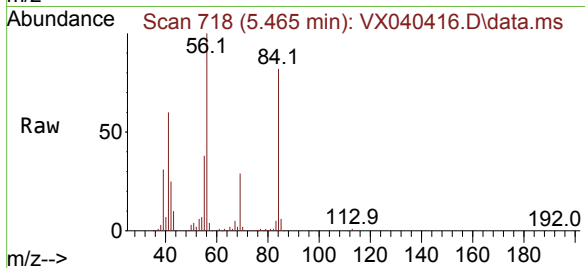
Tgt Ion: 83 Resp: 314902
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5



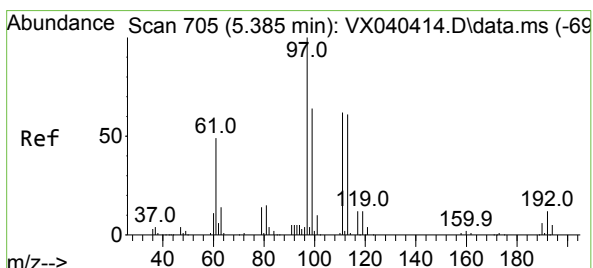
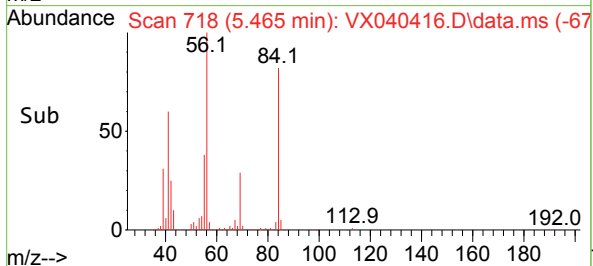
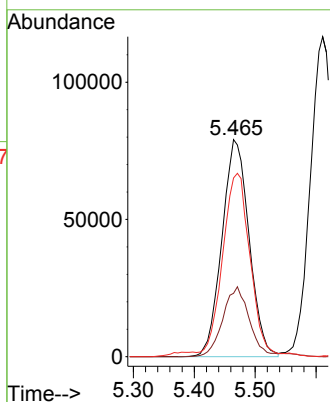


#31
Cyclohexane
Concen: 143.313 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

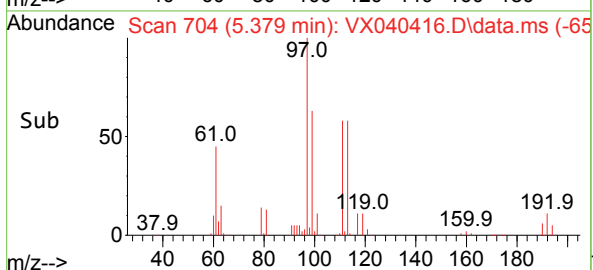
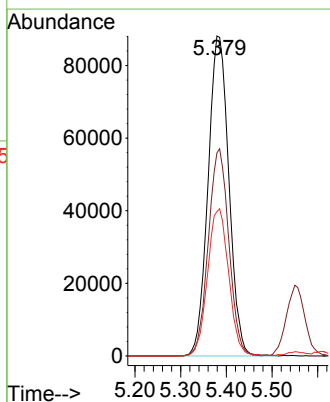
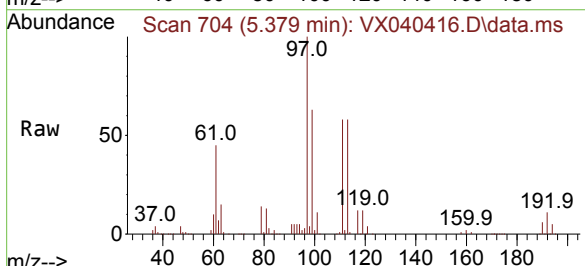


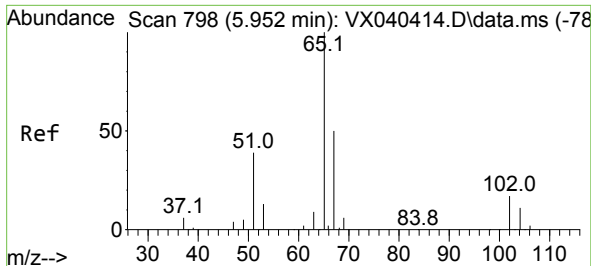
Tgt Ion:	56	Resp:	244679
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.4	35.2
84	80.8	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 153.024 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:	97	Resp:	278526
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	46.9	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 148.598 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

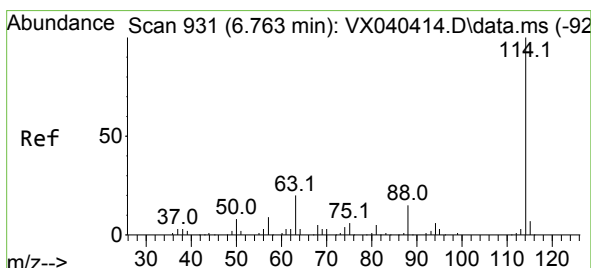
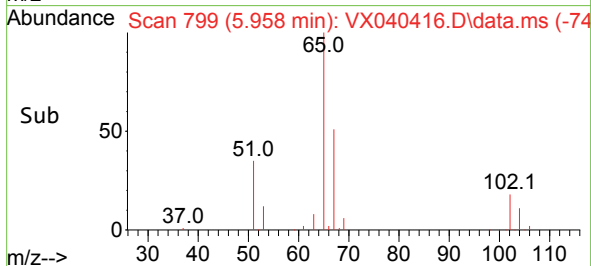
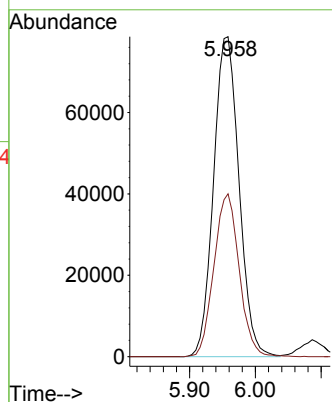
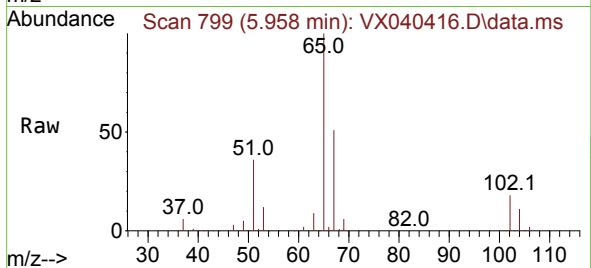
VSTDIC150

Tgt Ion: 65 Resp: 211611

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

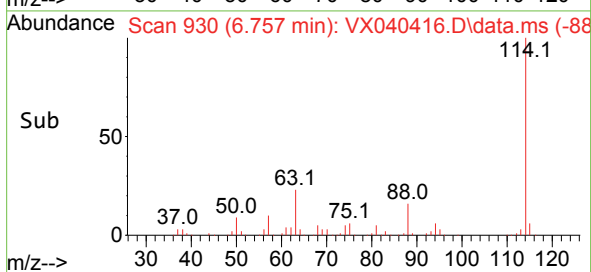
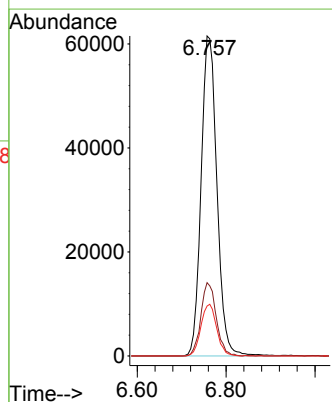
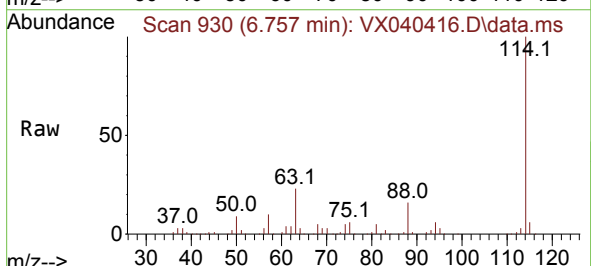
Tgt Ion: 114 Resp: 152690

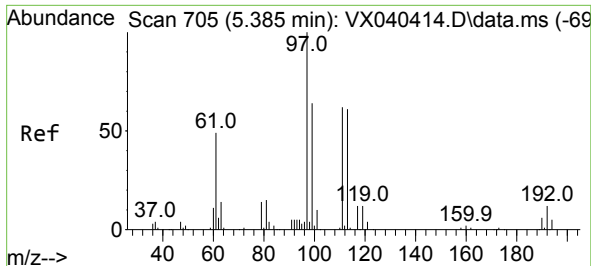
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 15.6 0.0 36.6

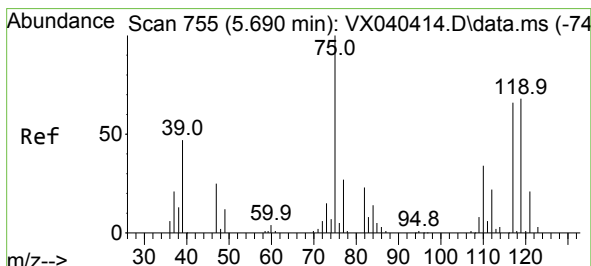
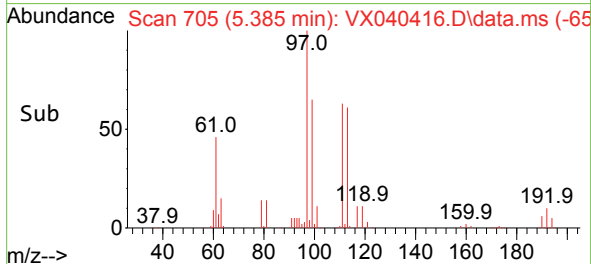
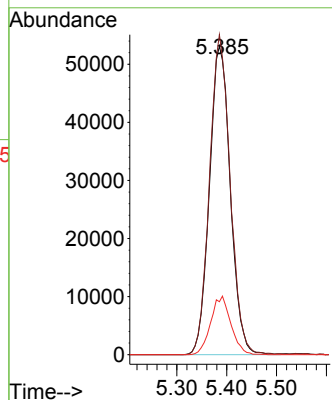
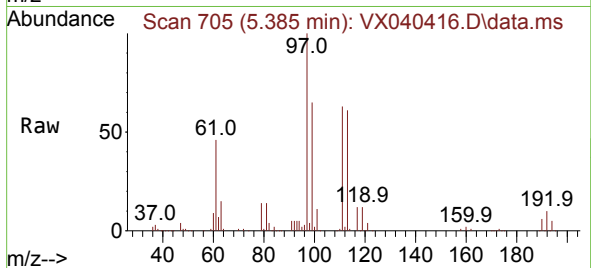




#35
Dibromofluoromethane
Concen: 150.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

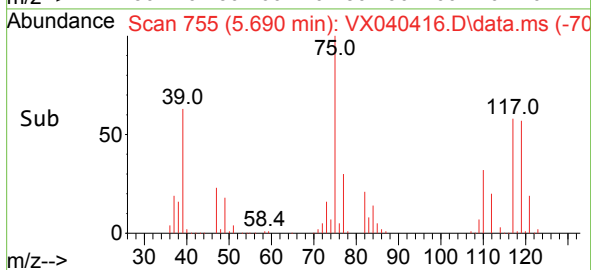
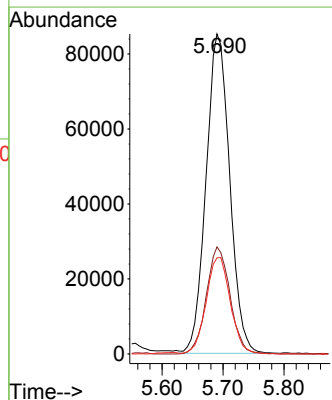
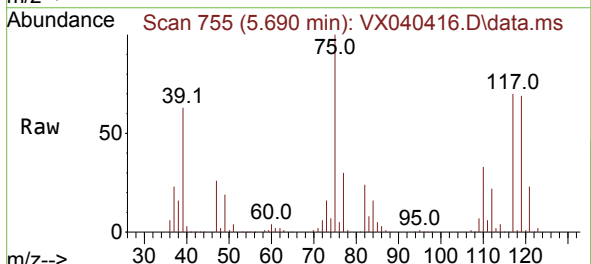
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

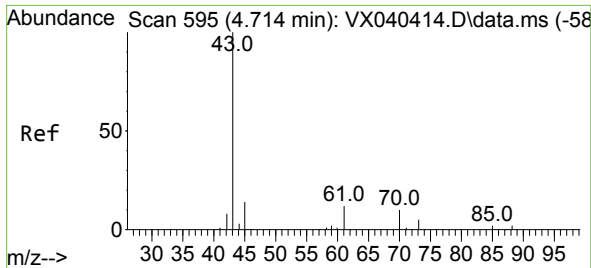
Tgt Ion:113 Resp: 154554
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 144.669 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 75 Resp: 230369
Ion Ratio Lower Upper
75 100
110 33.5 17.0 50.9
77 31.0 24.7 37.1

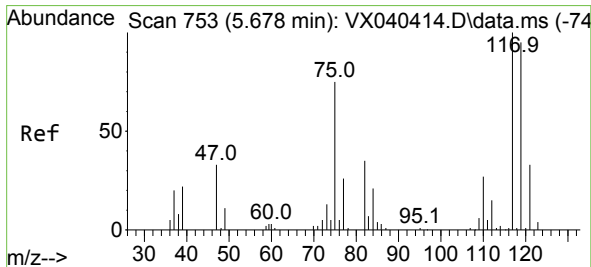
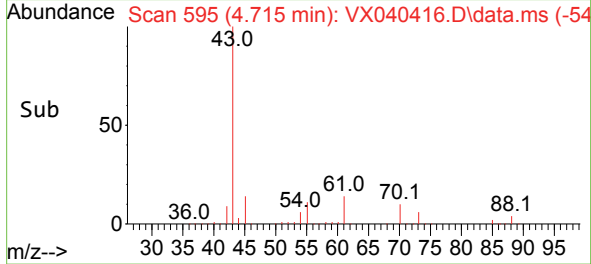
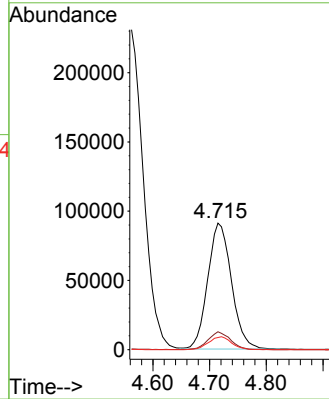
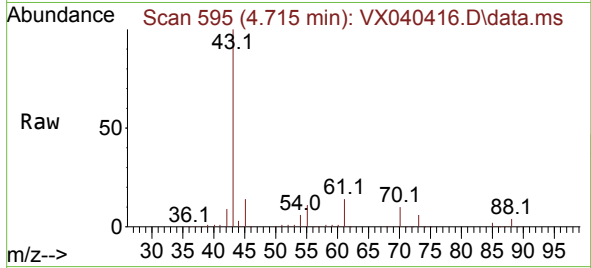




#37
Ethyl Acetate
Concen: 145.660 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

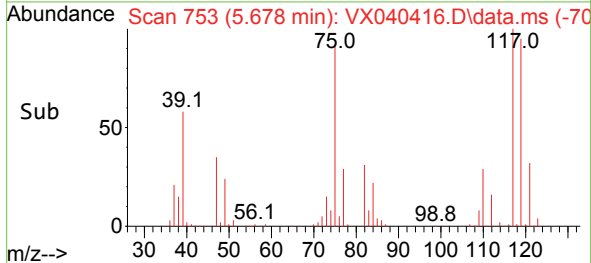
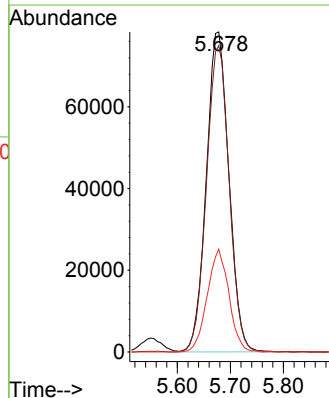
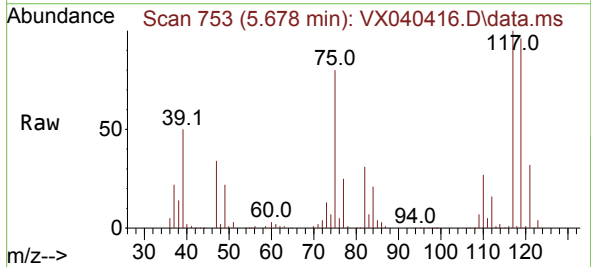
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

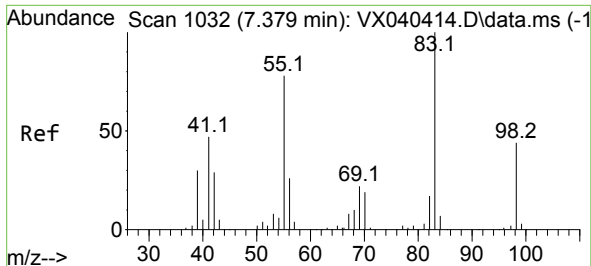
Tgt Ion:	43	Resp:	265003
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	16.0
70	10.0	8.3	12.5



#38
Carbon Tetrachloride
Concen: 157.317 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:	117	Resp:	231774
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.2
121	32.2	24.4	36.6





#39

Methylcyclohexane

Concen: 149.141 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

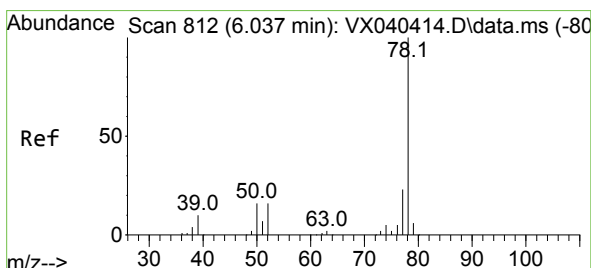
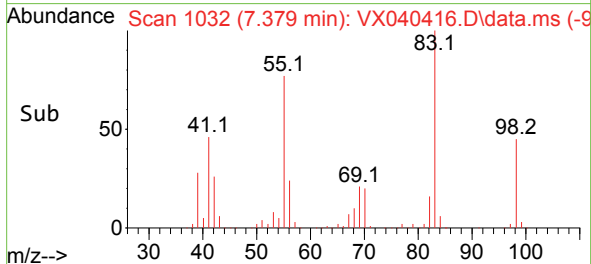
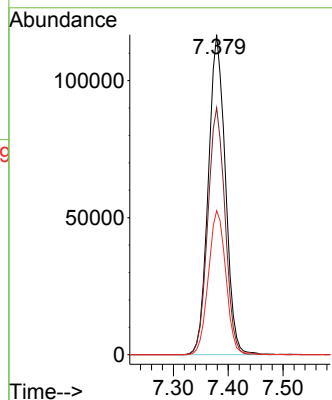
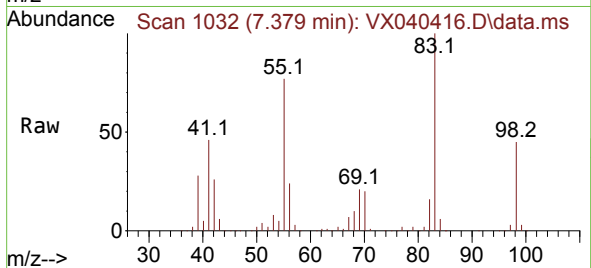
Tgt Ion: 83 Resp: 251694

Ion Ratio Lower Upper

83 100

55 77.1 64.6 97.0

98 45.0 36.7 55.1



#40

Benzene

Concen: 146.285 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040416.D

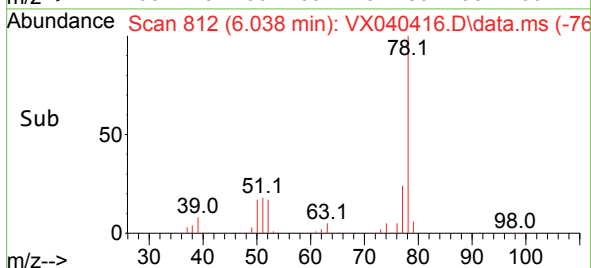
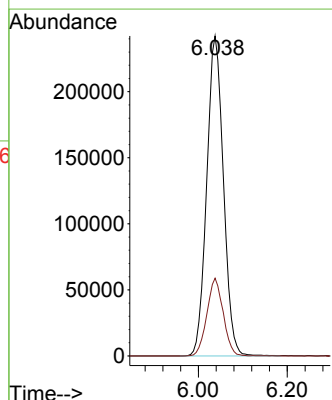
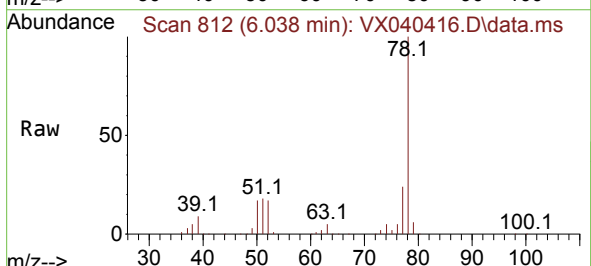
Acq: 22 Feb 2024 23:28

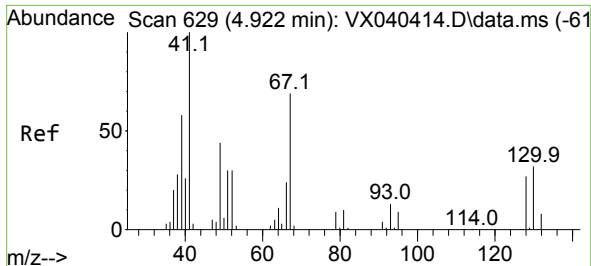
Tgt Ion: 78 Resp: 633714

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

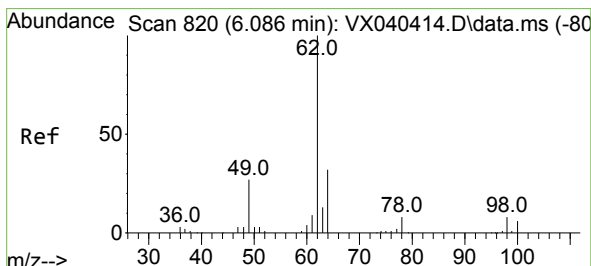
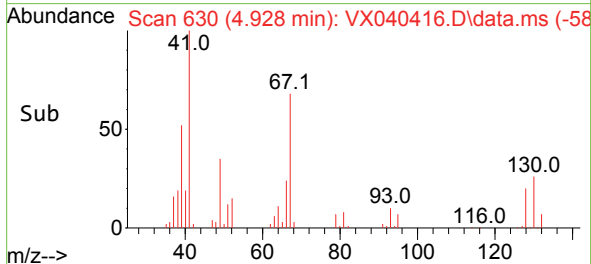
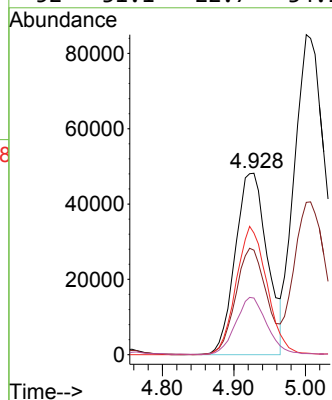
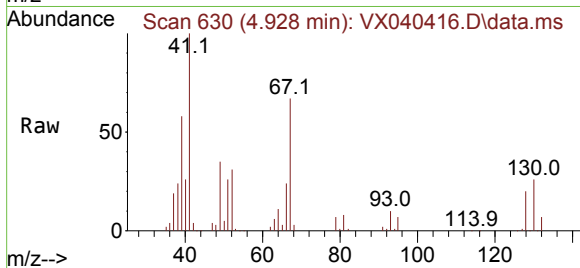




#41
Methacrylonitrile
Concen: 155.954 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

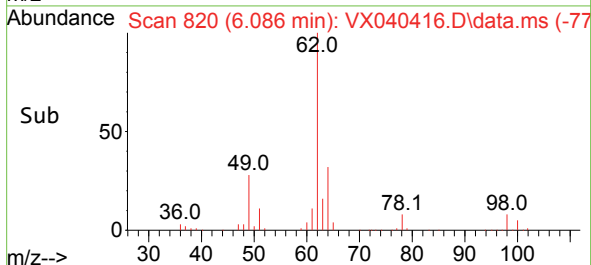
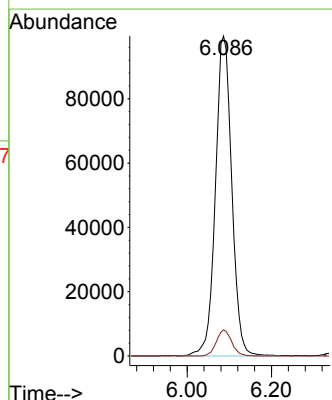
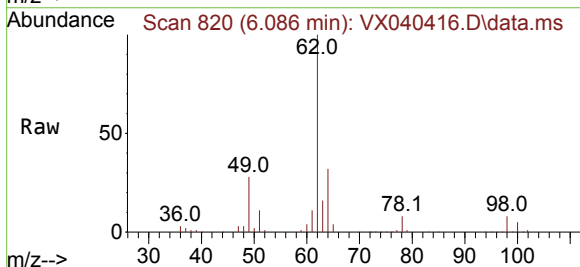
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

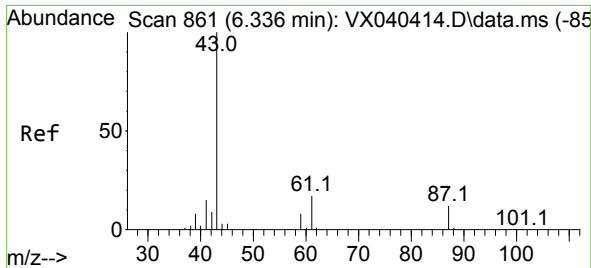
Tgt Ion: 41 Resp: 150662
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 68.0 52.6 78.8
52 31.1 22.7 34.1



#42
1,2-Dichloroethane
Concen: 148.417 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 62 Resp: 267204
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0

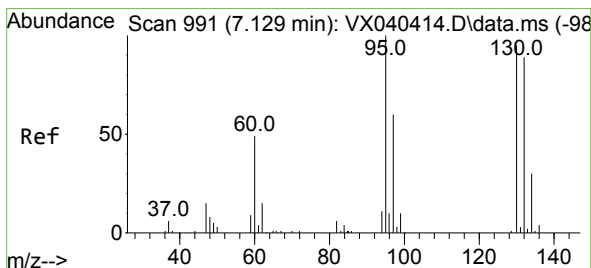
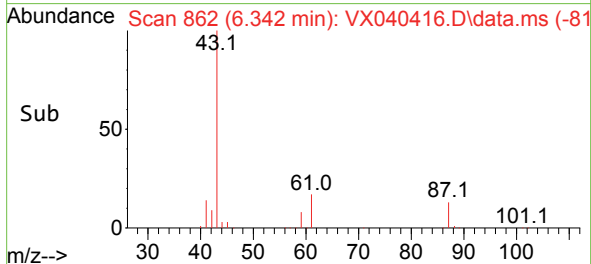
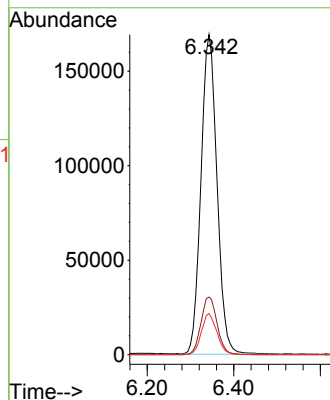
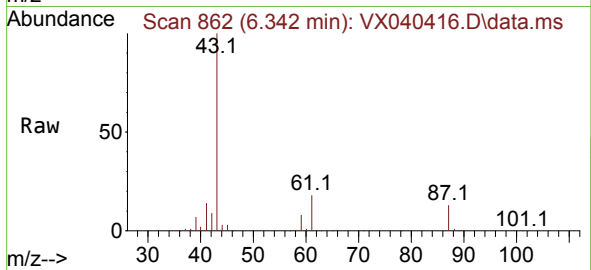




#43
Isopropyl Acetate
Concen: 155.588 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

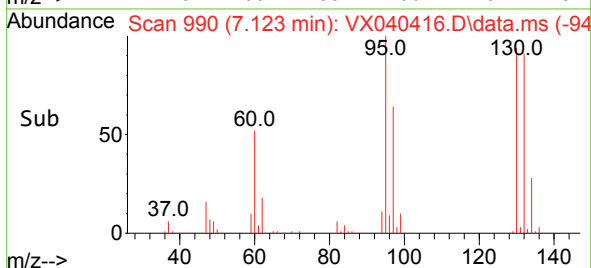
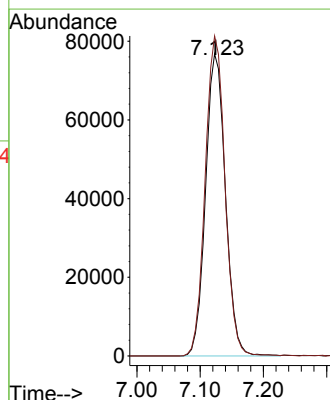
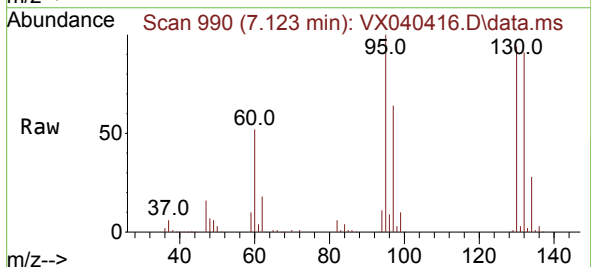
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

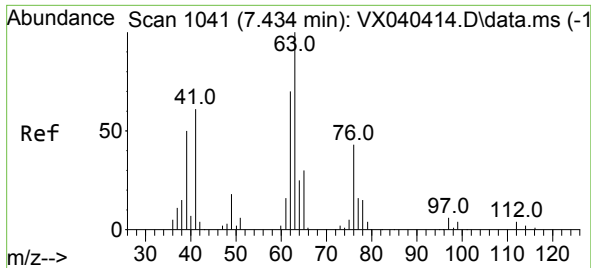
Tgt Ion: 43 Resp: 434339
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 12.4 9.8 14.6



#44
Trichloroethene
Concen: 148.290 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:130 Resp: 168011
Ion Ratio Lower Upper
130 100
95 105.9 0.0 204.4

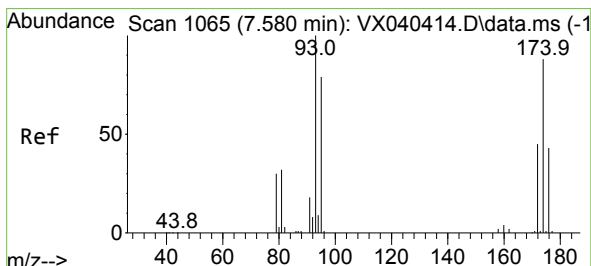
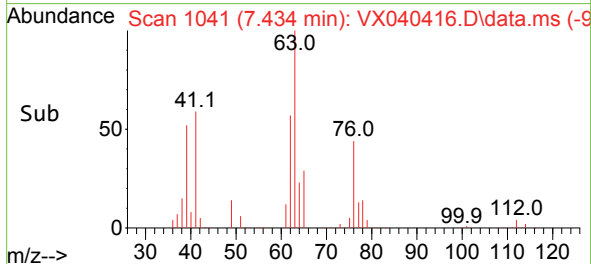
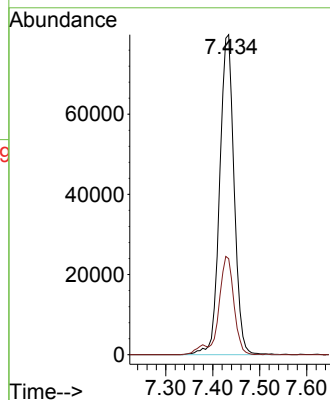
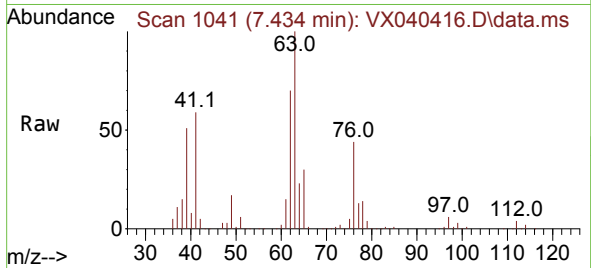




#45
1,2-Dichloropropane
Concen: 147.792 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

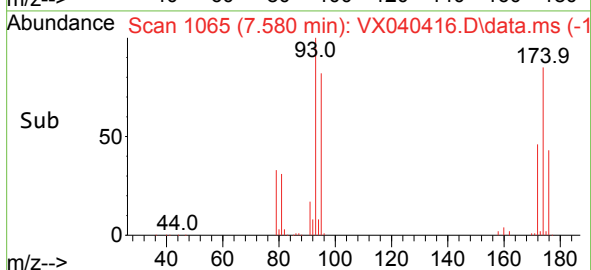
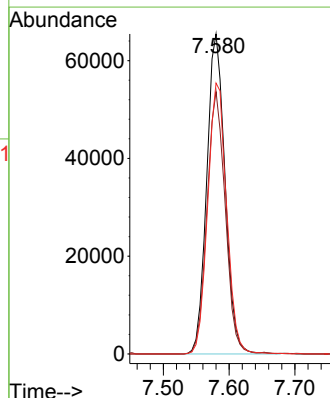
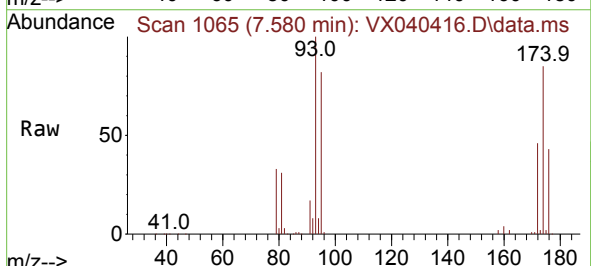
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

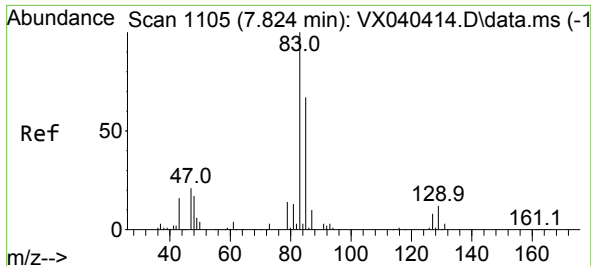
Tgt Ion: 63 Resp: 170862
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5



#46
Dibromomethane
Concen: 146.189 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 93 Resp: 126800
Ion Ratio Lower Upper
93 100
95 81.8 66.6 100.0
174 87.6 69.4 104.0

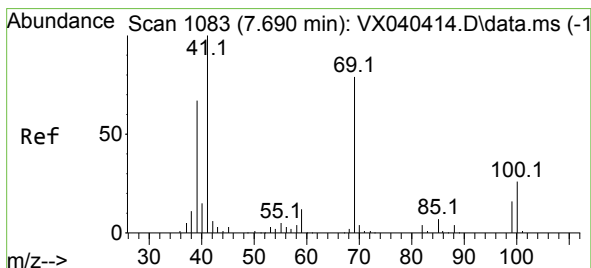
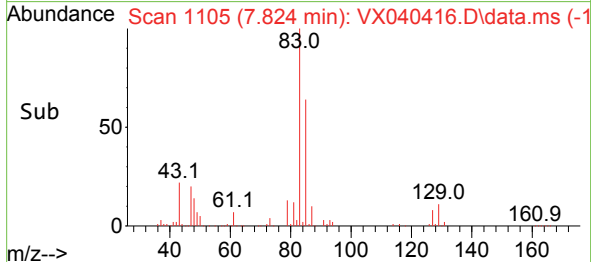
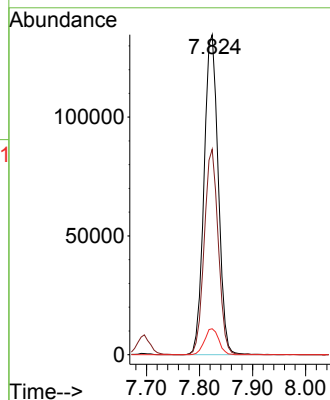
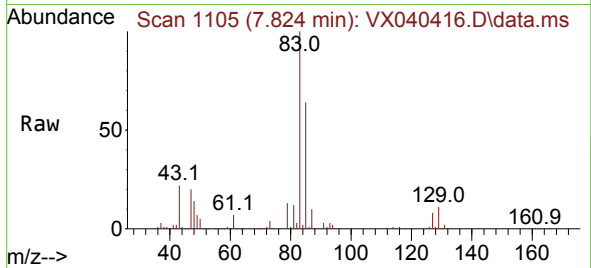




#47
Bromodichloromethane
Concen: 154.976 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

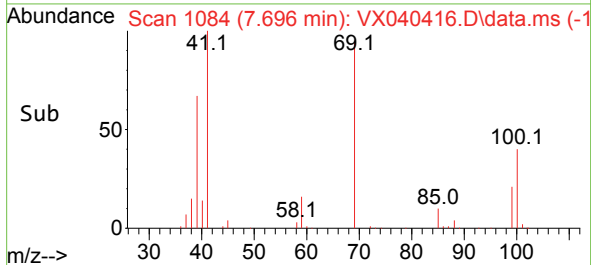
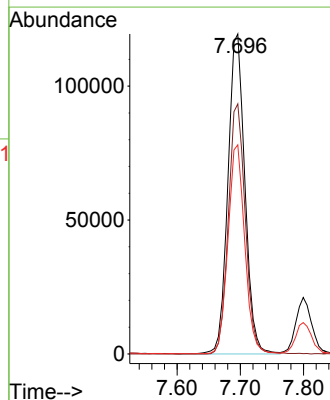
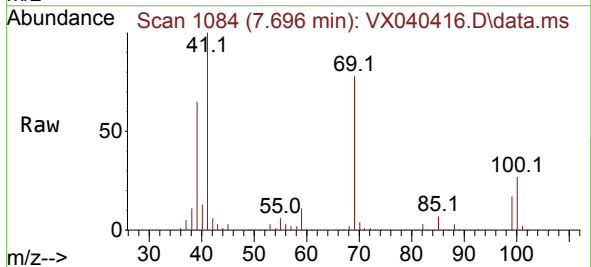
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

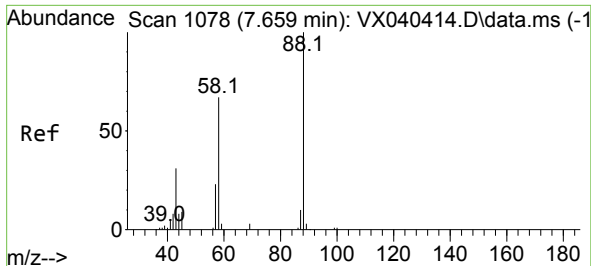
Tgt Ion: 83 Resp: 250172
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 161.051 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 41 Resp: 222652
Ion Ratio Lower Upper
41 100
69 77.9 59.2 88.8
39 64.5 47.7 71.5

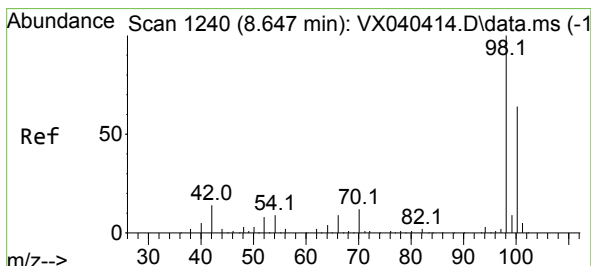
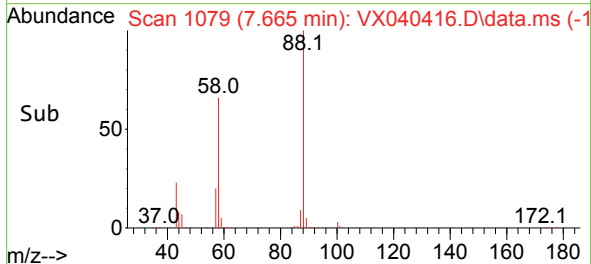
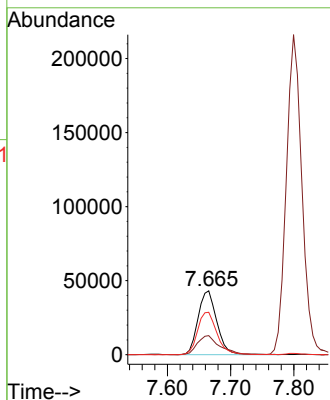
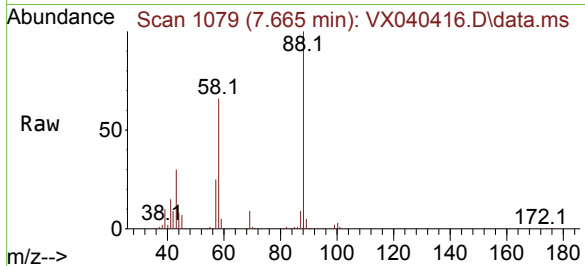




#49
1,4-Dioxane
Concen: 3188.833 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

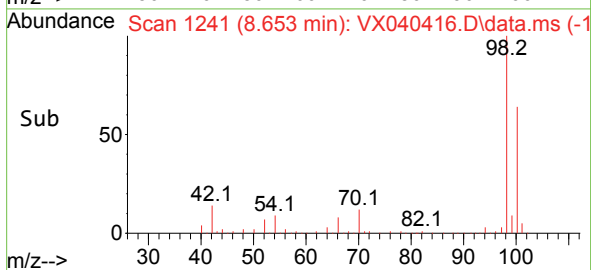
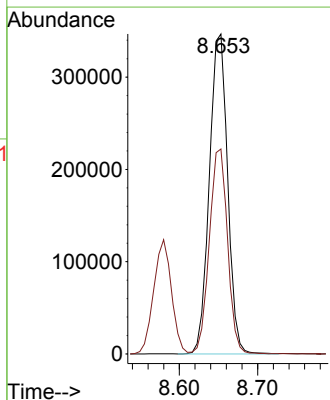
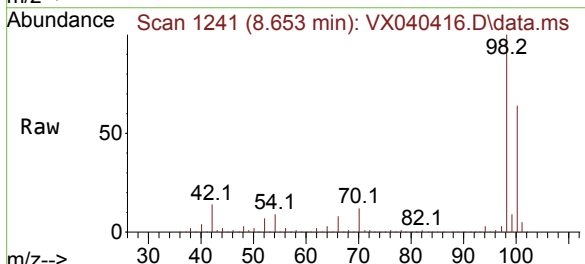
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

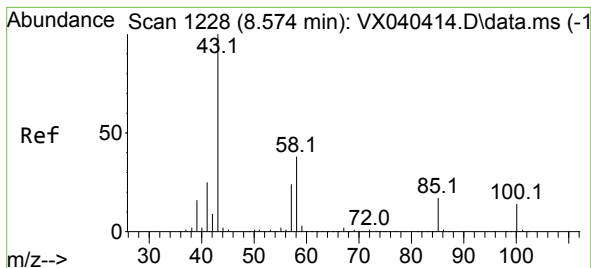
Tgt Ion: 88 Resp: 88860
Ion Ratio Lower Upper
88 100
43 35.6 0.0 0.0#
58 68.6 60.1 90.1



#50
Toluene-d8
Concen: 151.176 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 98 Resp: 561867
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

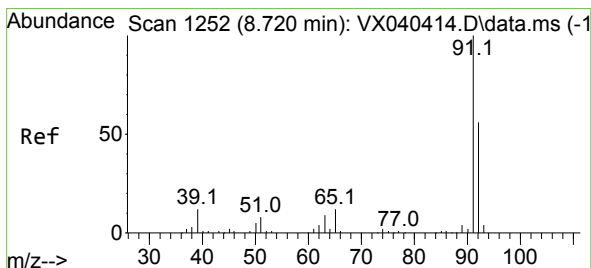
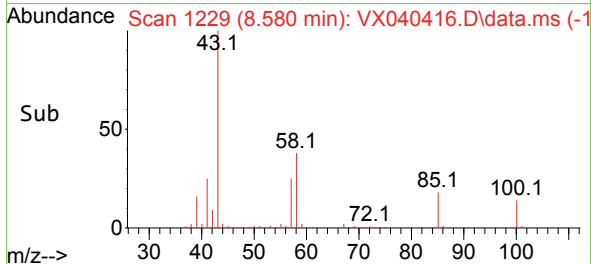
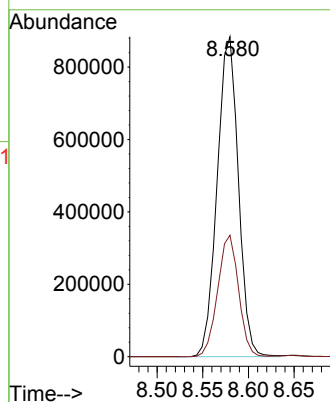
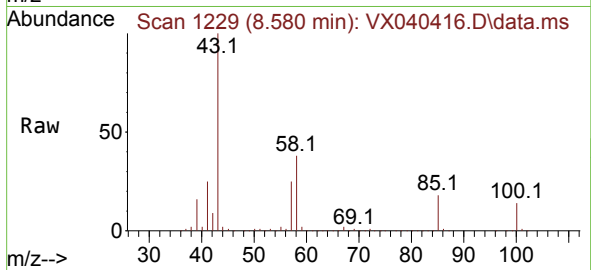




#51
4-Methyl-2-Pentanone
Concen: 753.159 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

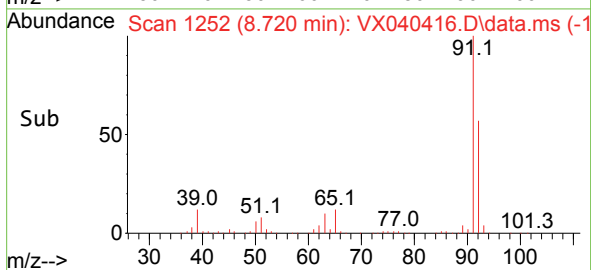
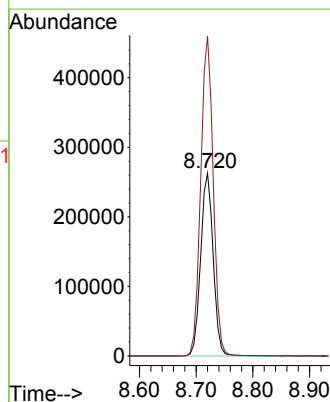
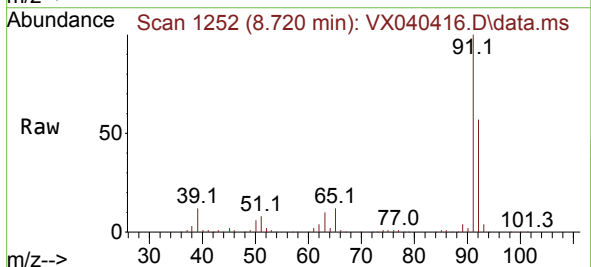
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

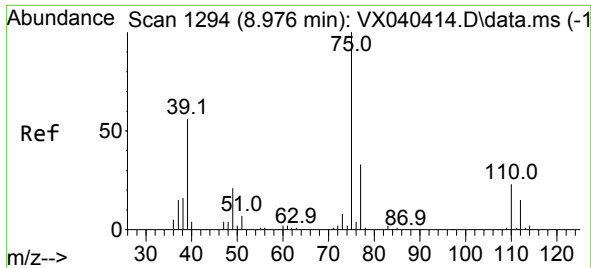
Tgt Ion: 43 Resp: 1427988
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6



#52
Toluene
Concen: 151.117 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 92 Resp: 401182
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2

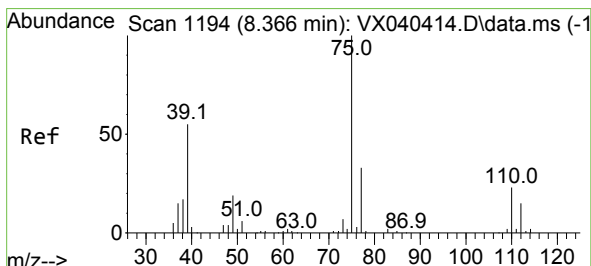
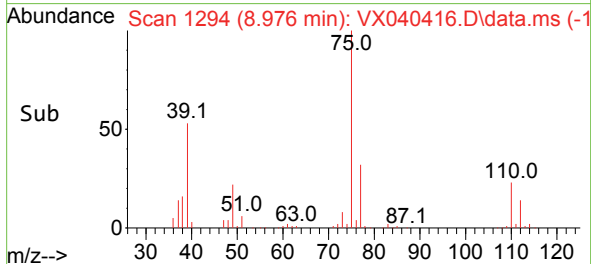
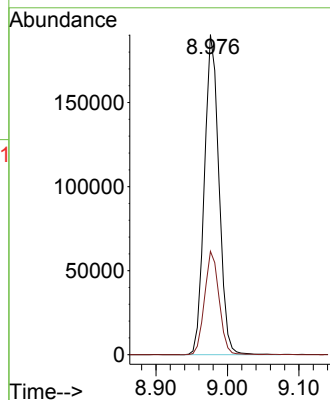
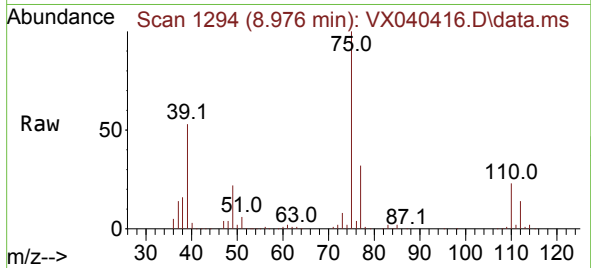




#53
 t-1,3-Dichloropropene
 Concen: 165.664 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

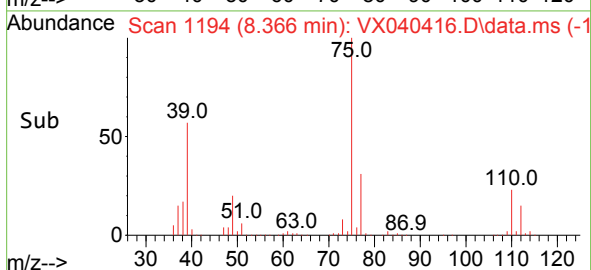
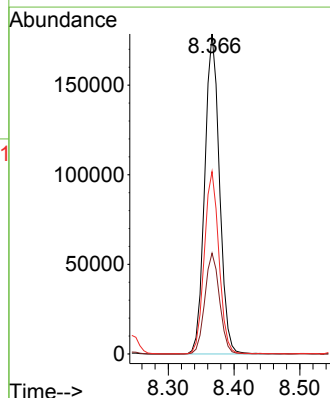
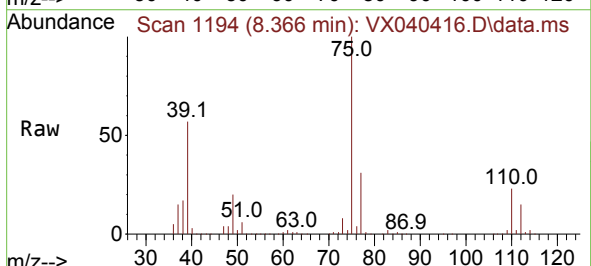
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

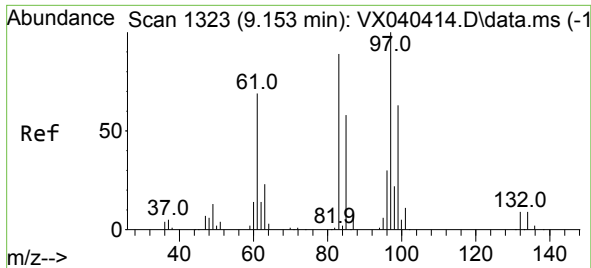
Tgt Ion: 75 Resp: 269615
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 160.787 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

Tgt Ion: 75 Resp: 278757
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 56.9 46.7 70.1



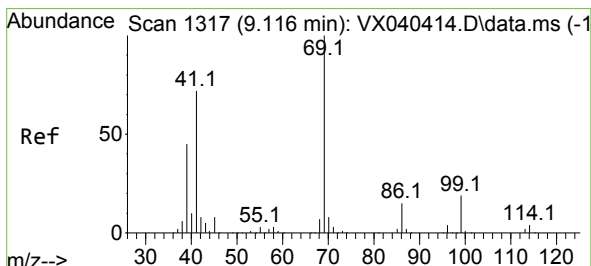
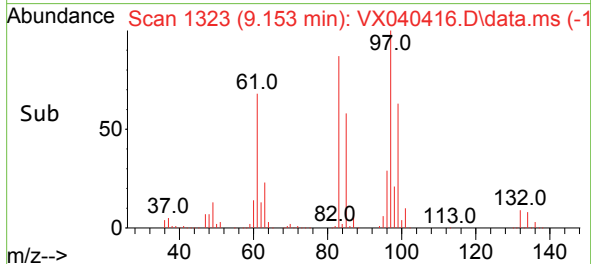
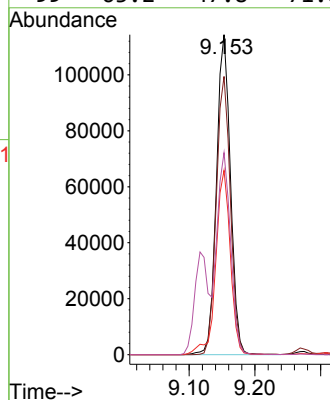
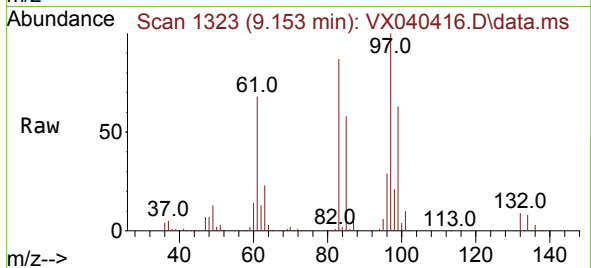


#55
1,1,2-Trichloroethane
Concen: 149.493 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 169932

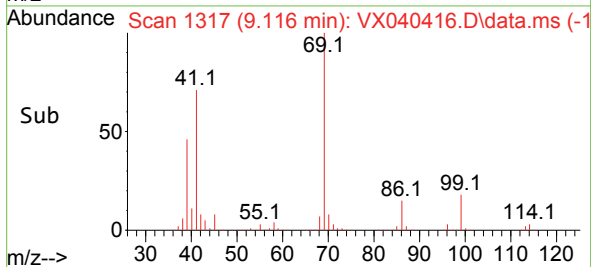
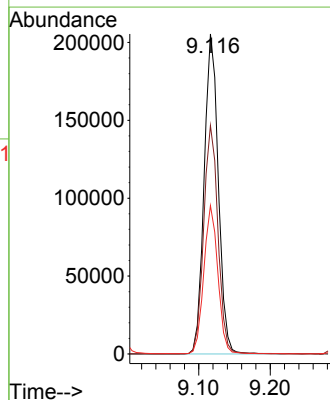
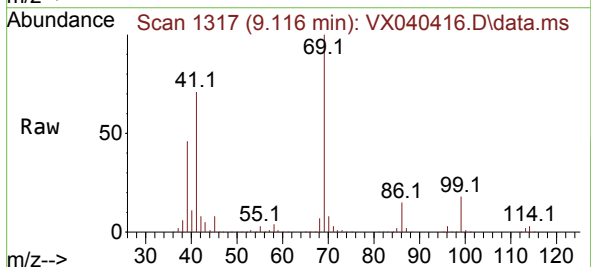
Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.8	98.8
85	57.6	41.6	62.4
99	63.2	47.8	71.8

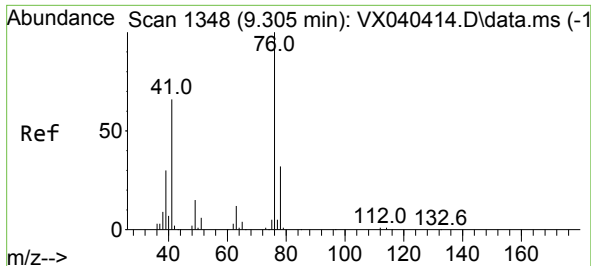


#56
Ethyl methacrylate
Concen: 163.116 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 69 Resp: 283312

Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.8	85.2
39	45.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 145.232 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

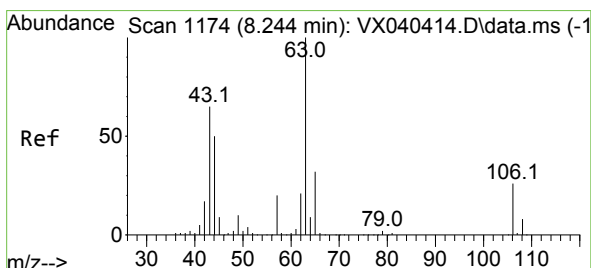
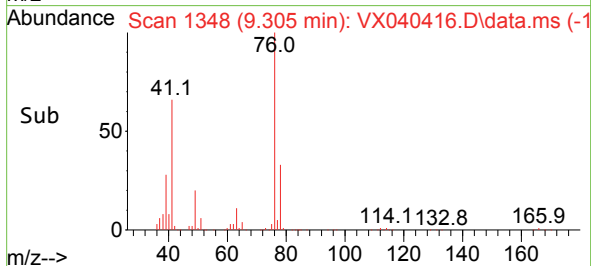
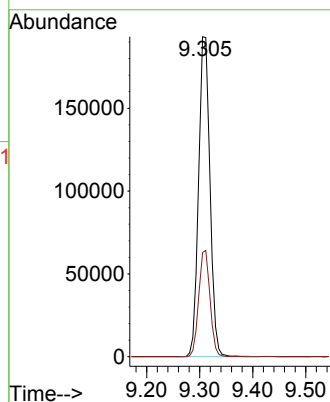
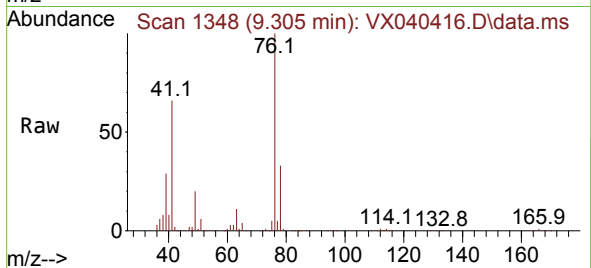
VSTDICC150

Tgt Ion: 76 Resp: 287596

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 760.761 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040416.D

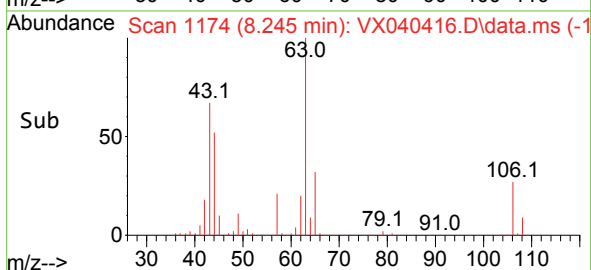
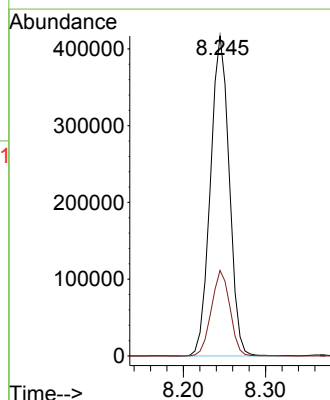
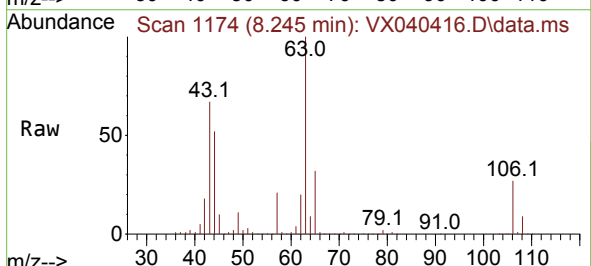
Acq: 22 Feb 2024 23:28

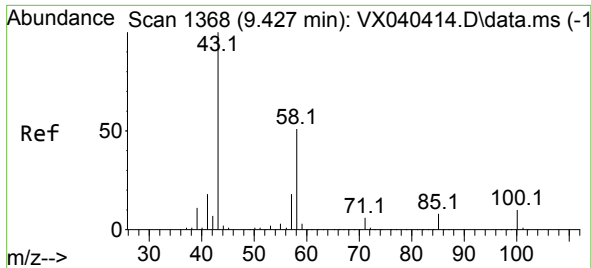
Tgt Ion: 63 Resp: 662550

Ion Ratio Lower Upper

63 100

106 26.3 22.5 33.7

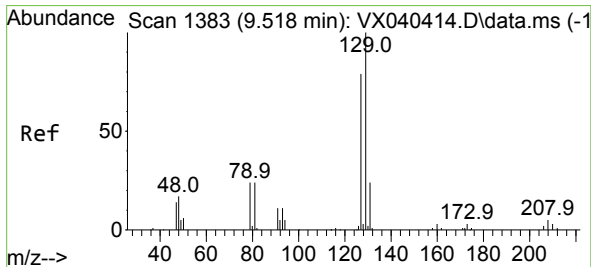
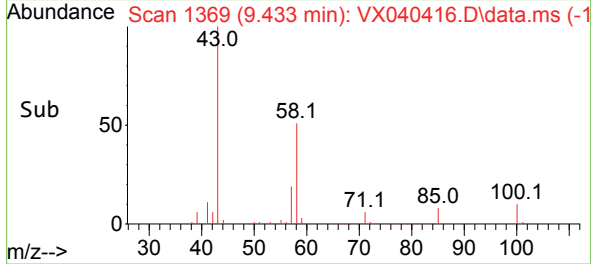
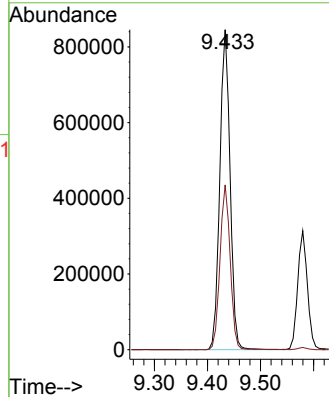
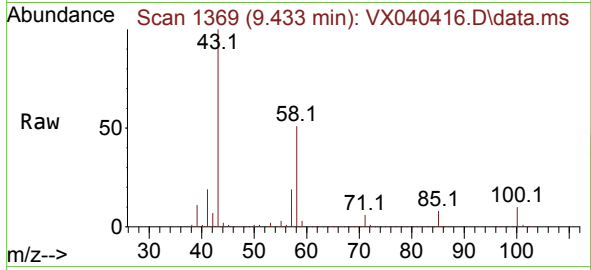




#59
2-Hexanone
Concen: 774.040 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

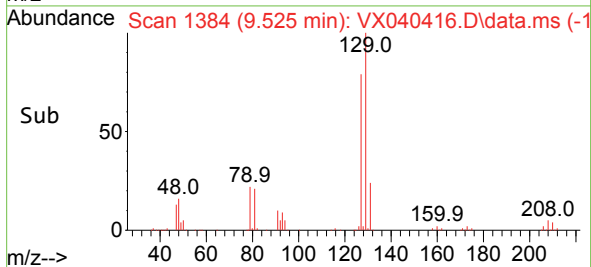
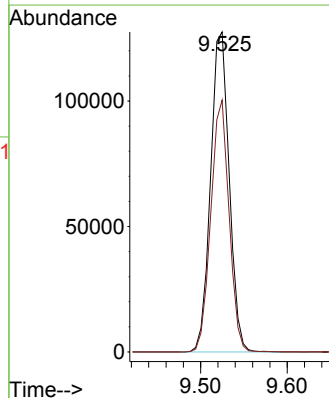
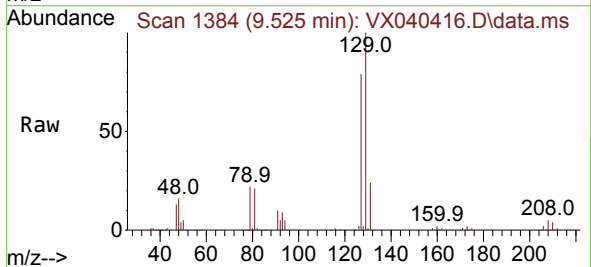
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

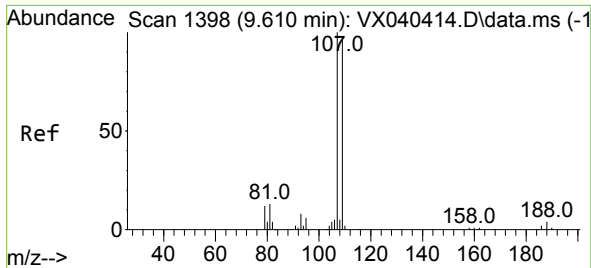
Tgt Ion: 43 Resp: 1131856
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5



#60
Dibromochloromethane
Concen: 166.850 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 129 Resp: 190185
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

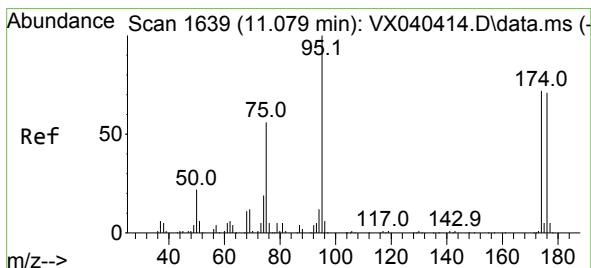
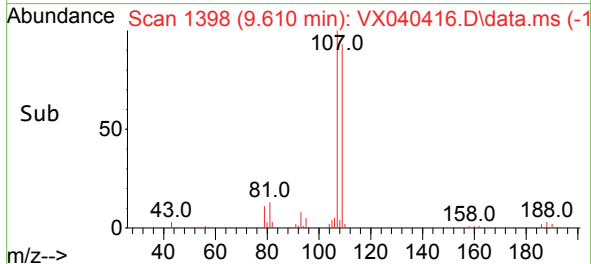
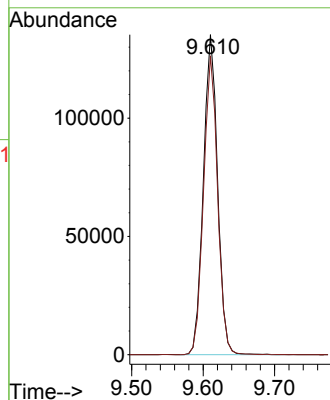
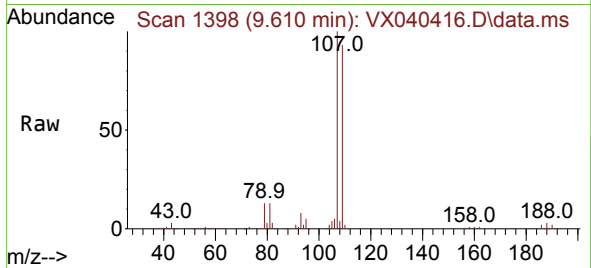




#61
1,2-Dibromoethane
Concen: 152.549 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

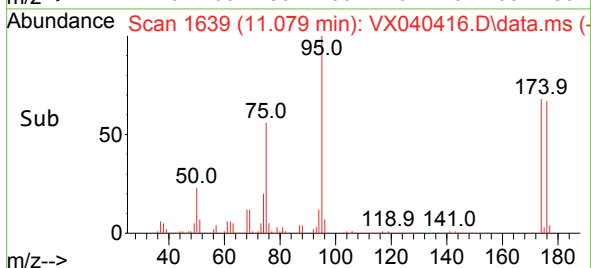
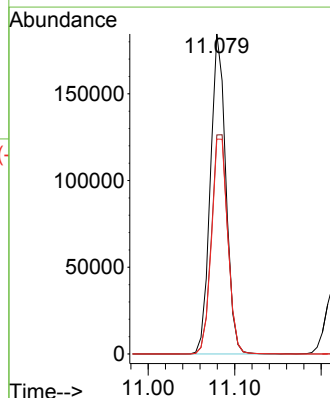
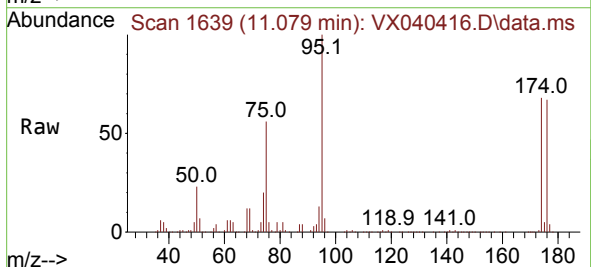
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

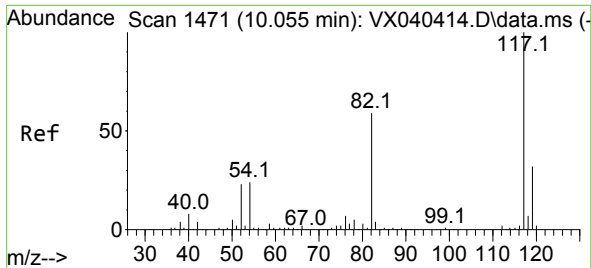
Tgt Ion:107 Resp: 186381
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 153.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 95 Resp: 228850
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 71.1 0.0 131.0

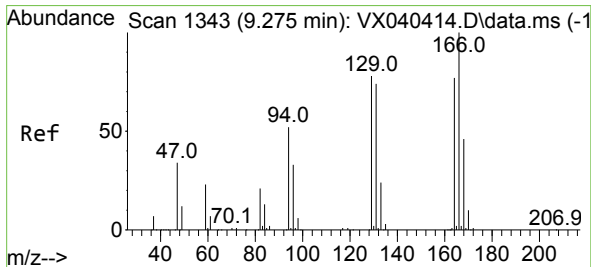
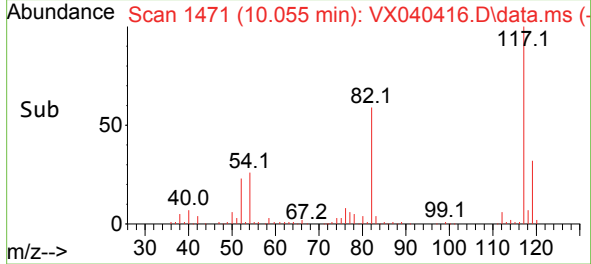
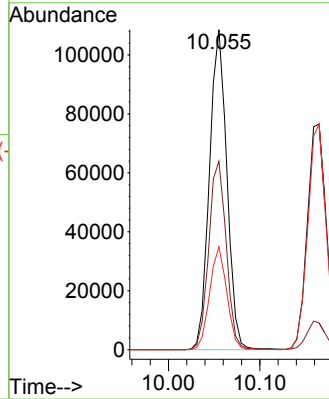
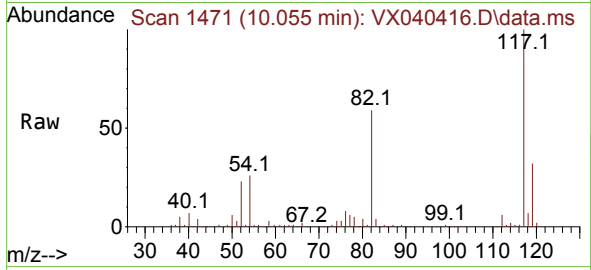




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

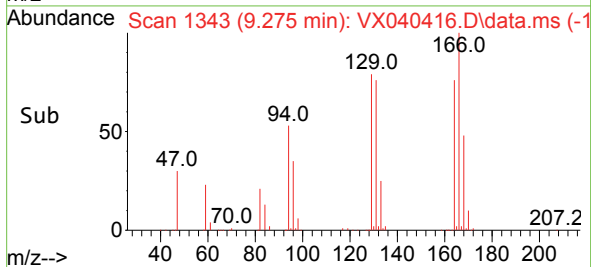
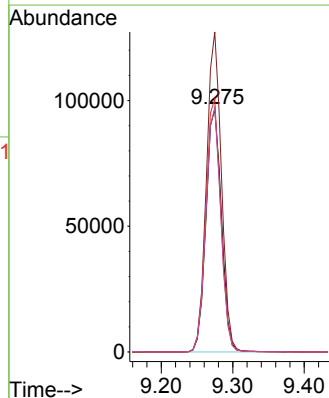
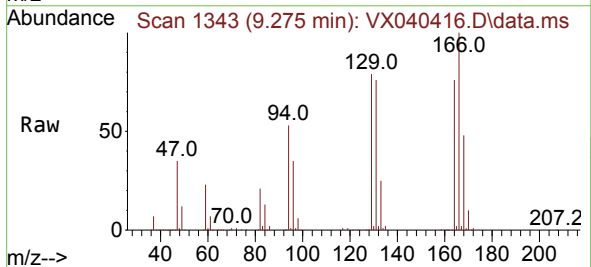
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

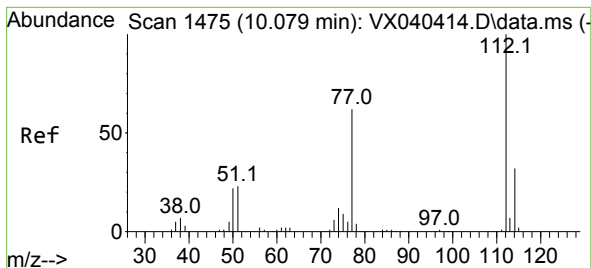
Tgt Ion:117 Resp: 143698
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 137.920 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:164 Resp: 145059
Ion Ratio Lower Upper
164 100
166 131.9 102.7 154.1
129 104.2 80.4 120.6
131 100.7 76.5 114.7

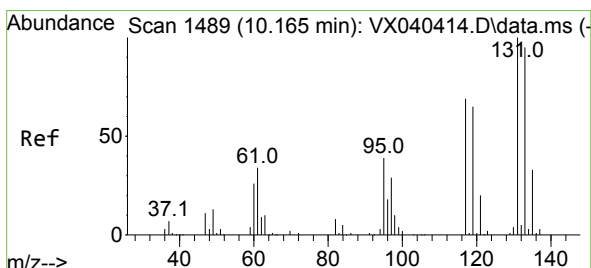
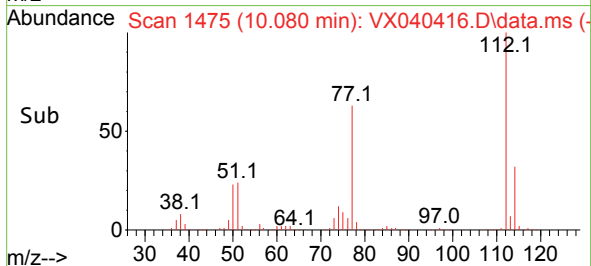
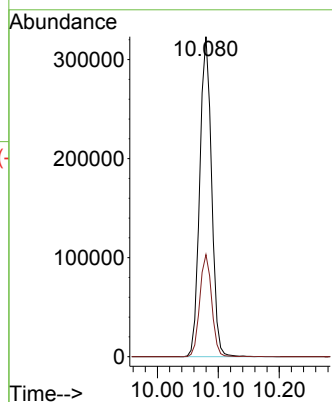
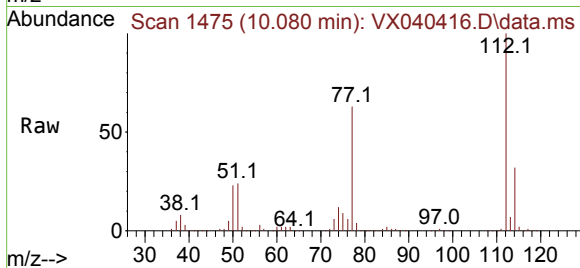




#65
Chlorobenzene
Concen: 150.093 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

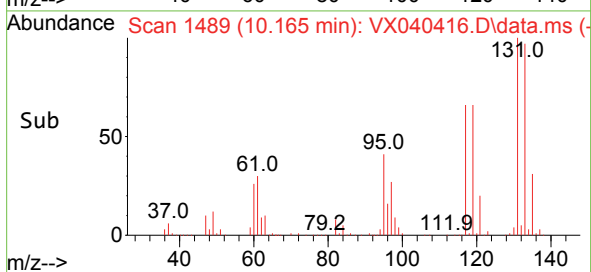
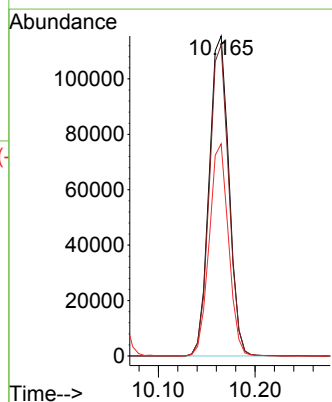
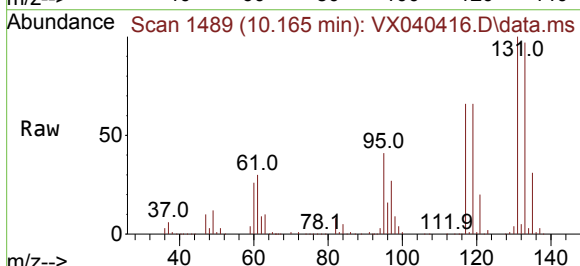
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

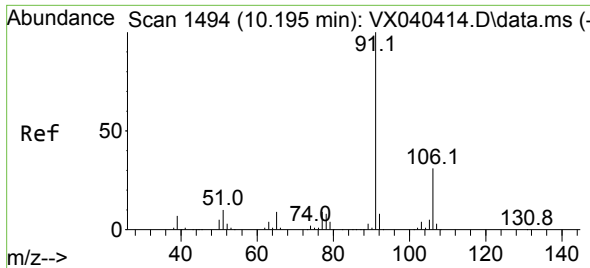
Tgt Ion:112 Resp: 434363
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 161.859 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:131 Resp: 163808
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.8 32.2 96.6

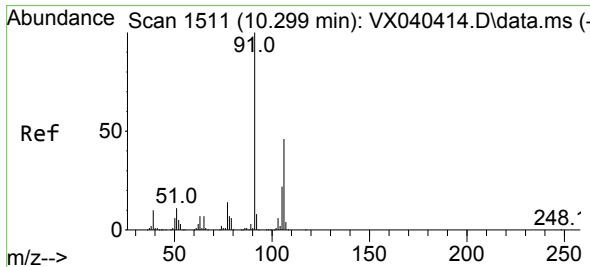
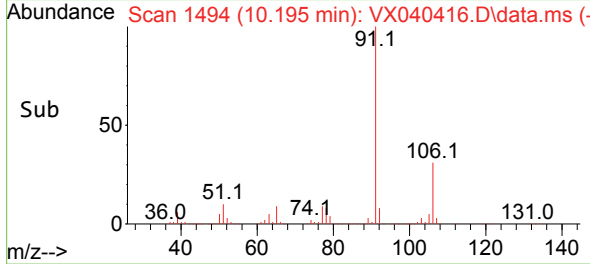
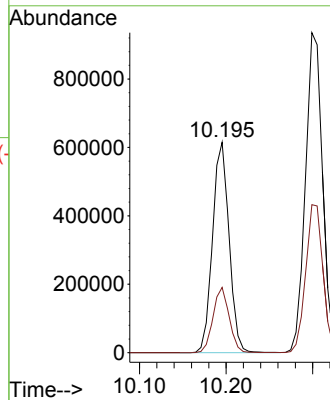
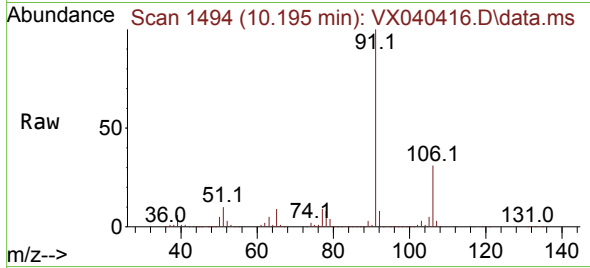




#67
Ethyl Benzene
Concen: 150.231 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

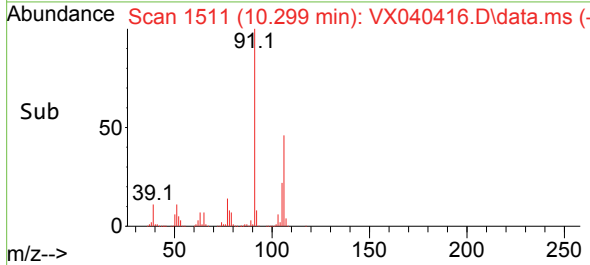
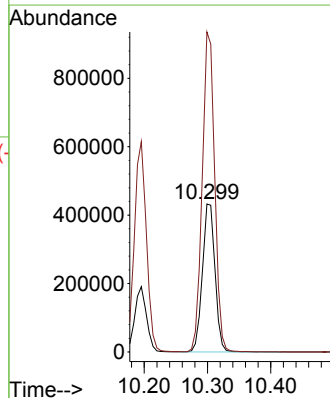
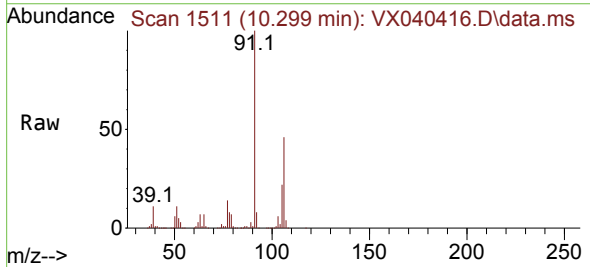
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

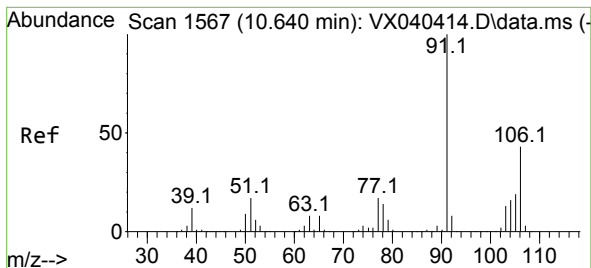
Tgt Ion: 91 Resp: 815577
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 303.628 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 106 Resp: 601051
Ion Ratio Lower Upper
106 100
91 213.7 165.5 248.3





#69

o-Xylene

Concen: 153.203 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

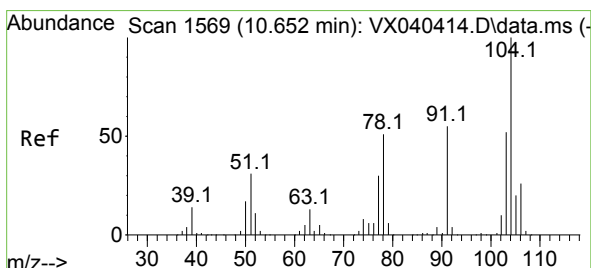
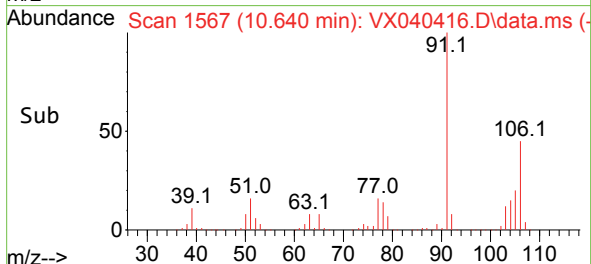
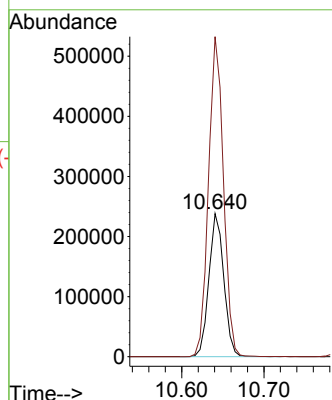
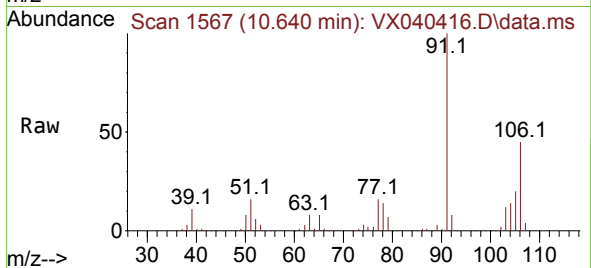
VSTDIC150

Tgt Ion:106 Resp: 299777

Ion Ratio Lower Upper

106 100

91 224.4 108.9 326.8



#70

Styrene

Concen: 159.167 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

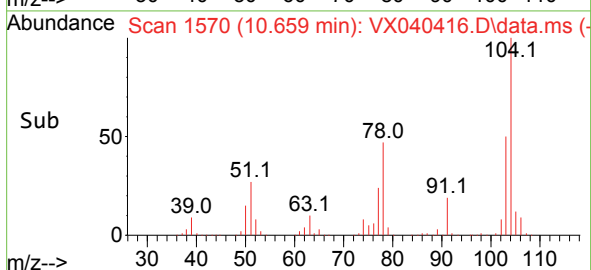
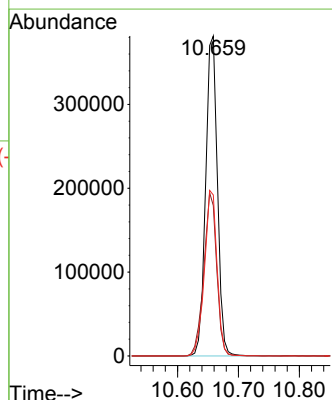
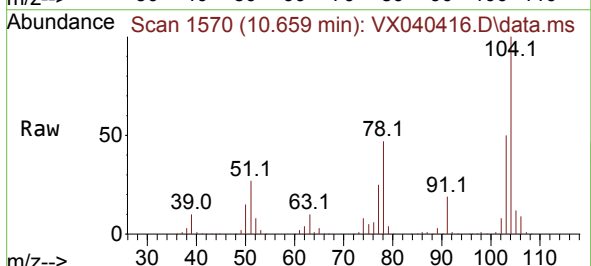
Tgt Ion:104 Resp: 513394

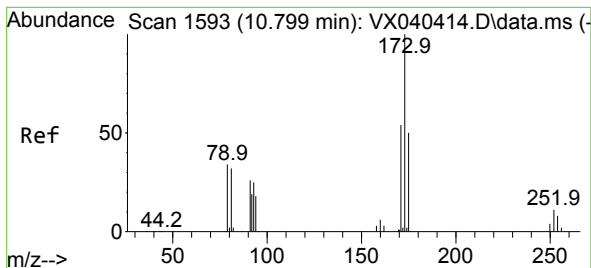
Ion Ratio Lower Upper

104 100

78 55.8 43.6 65.4

103 55.7 43.6 65.4





#71

Bromoform

Concen: 171.844 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

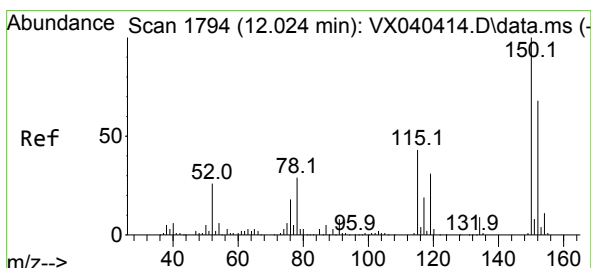
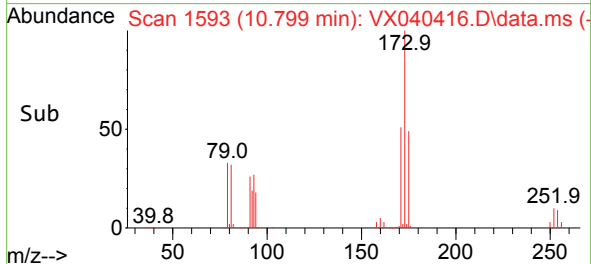
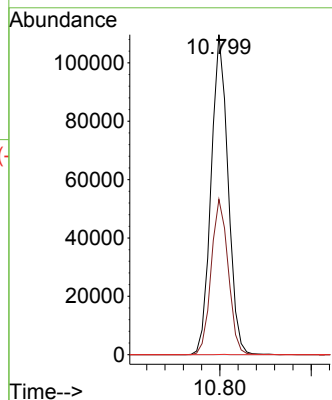
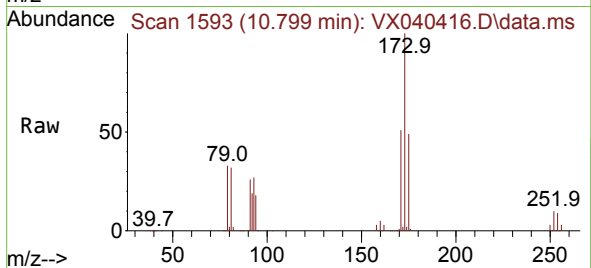
Tgt Ion:173 Resp: 140600

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

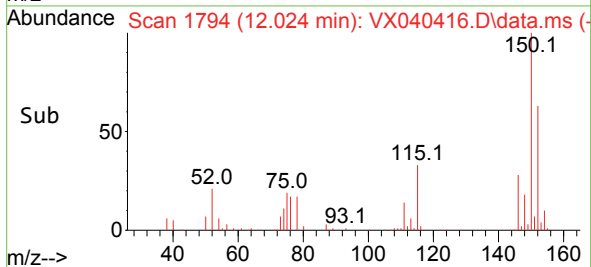
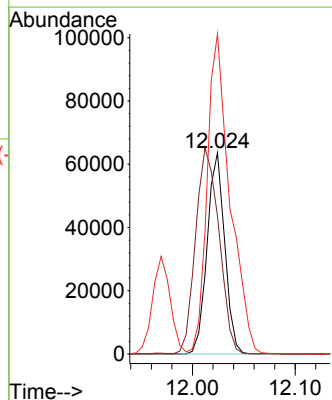
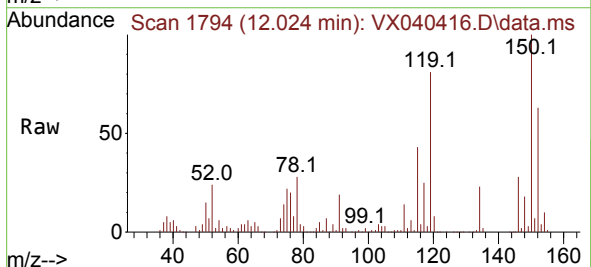
Tgt Ion:152 Resp: 75690

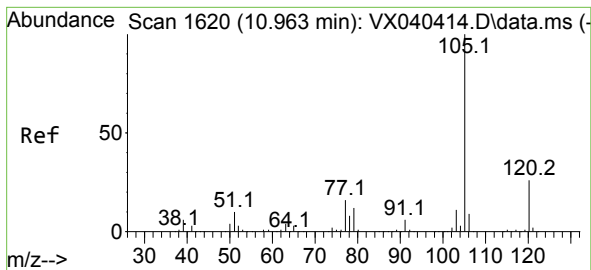
Ion Ratio Lower Upper

152 100

115 136.6 43.3 129.9#

150 206.2 0.0 345.0





#73

Isopropylbenzene

Concen: 149.524 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

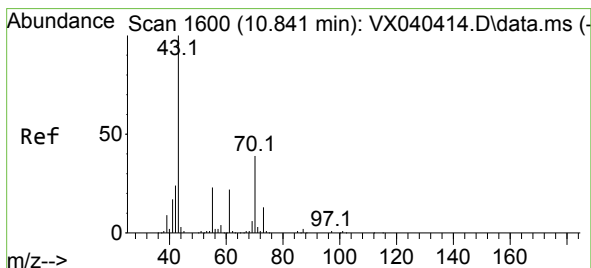
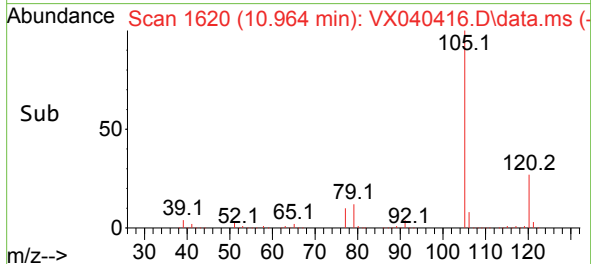
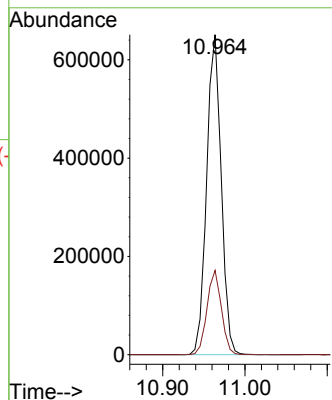
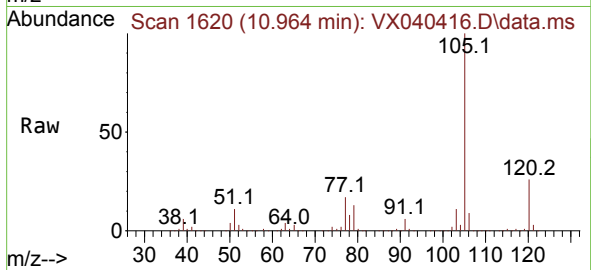
VSTDIC150

Tgt Ion:105 Resp: 800773

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 166.620 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Tgt Ion: 43 Resp: 414018

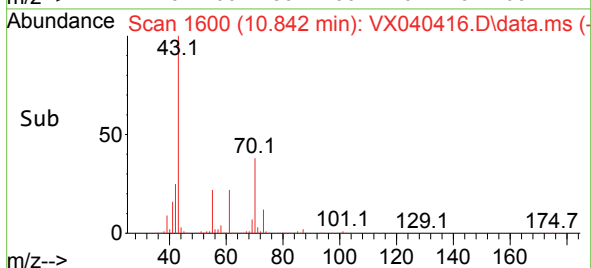
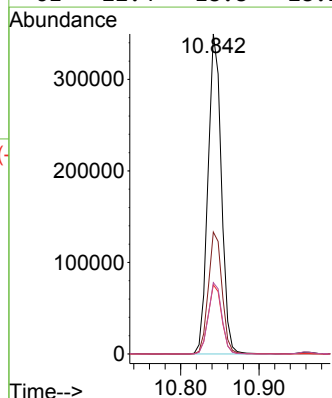
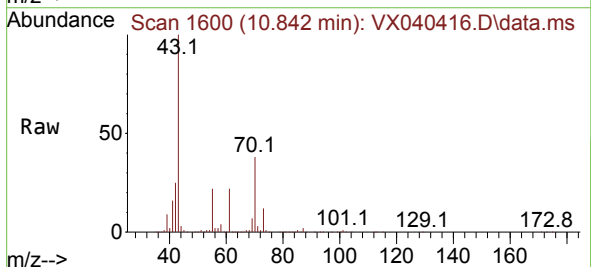
Ion Ratio Lower Upper

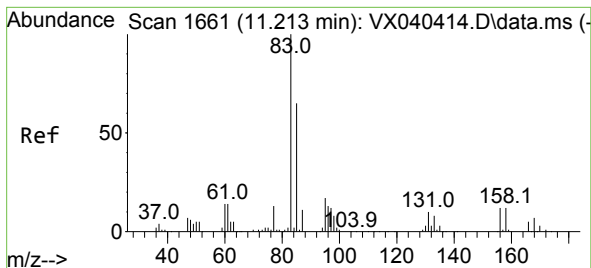
43 100

70 39.0 32.9 49.3

55 22.2 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 147.829 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

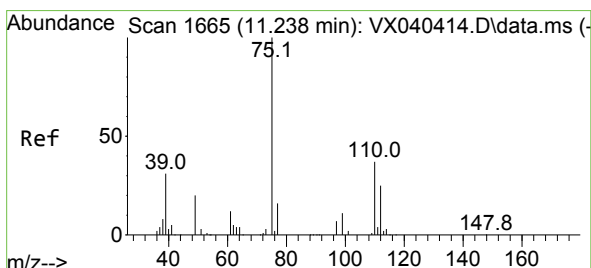
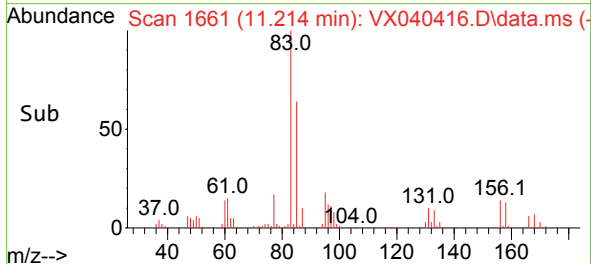
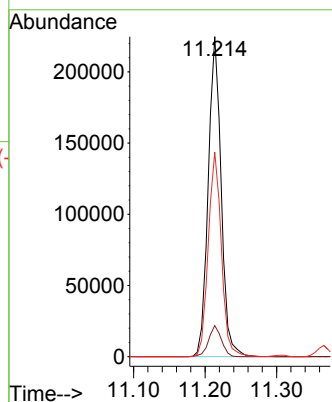
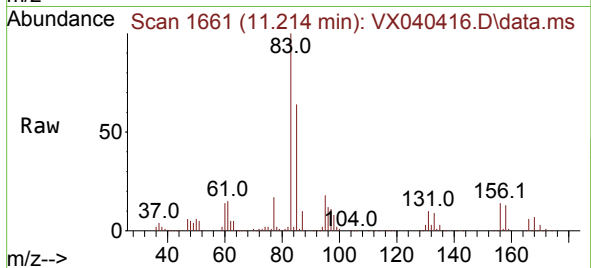
Tgt Ion: 83 Resp: 283016

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 191.092 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040416.D

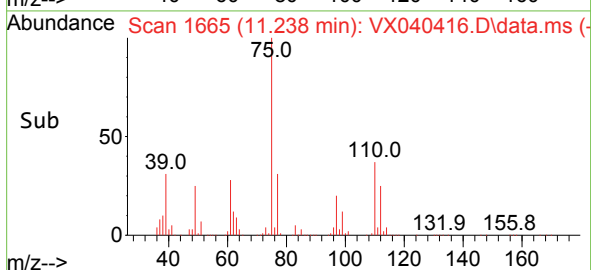
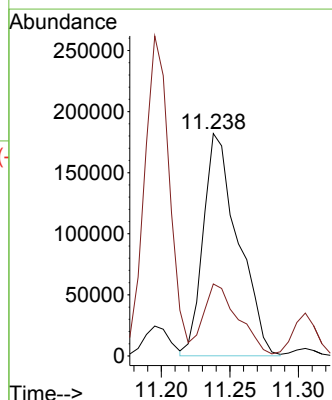
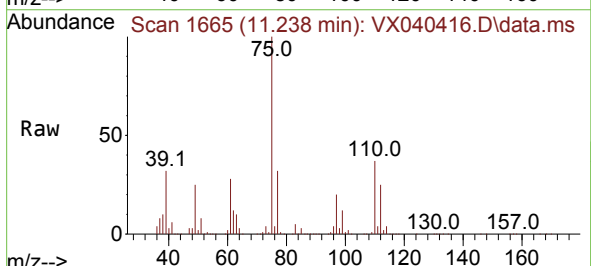
Acq: 22 Feb 2024 23:28

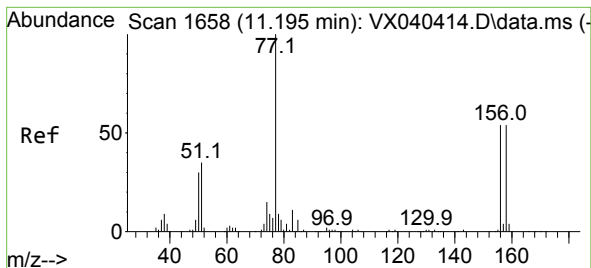
Tgt Ion: 75 Resp: 321618

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 145.832 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

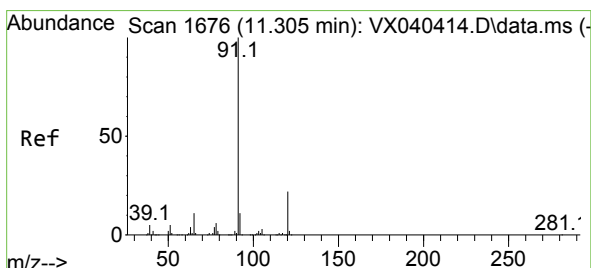
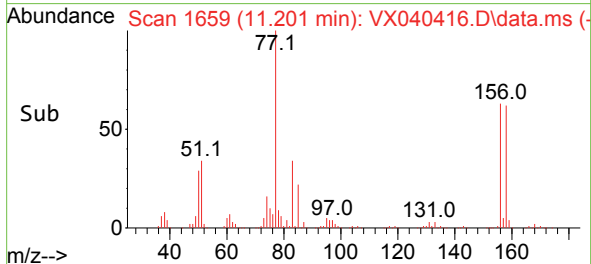
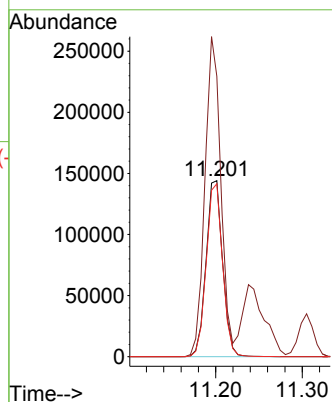
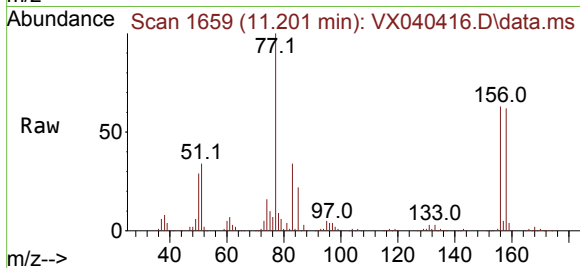
Tgt Ion:156 Resp: 190837

Ion Ratio Lower Upper

156 100

77 174.6 88.4 265.3

158 96.8 48.0 144.0



#78

n-propylbenzene

Concen: 148.836 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040416.D

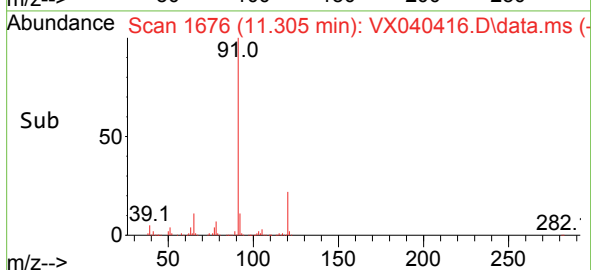
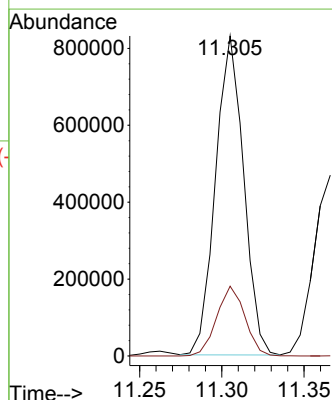
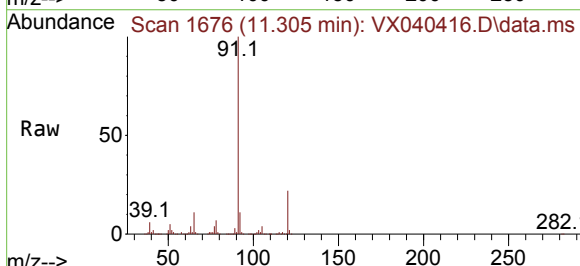
Acq: 22 Feb 2024 23:28

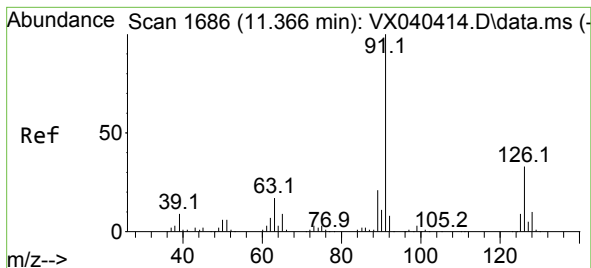
Tgt Ion: 91 Resp: 984591

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 147.399 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

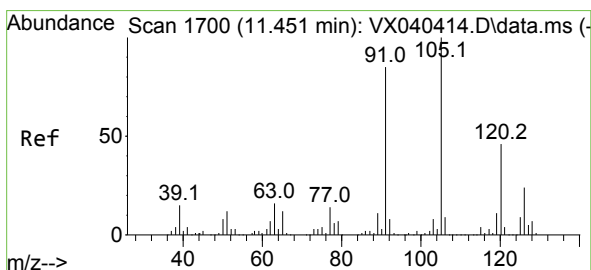
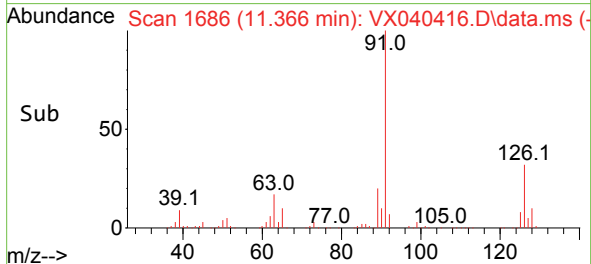
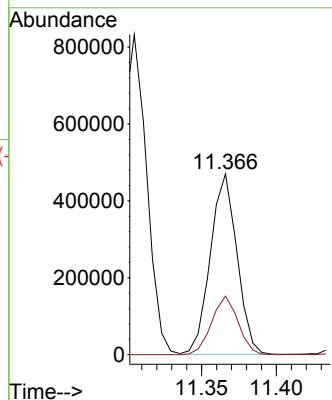
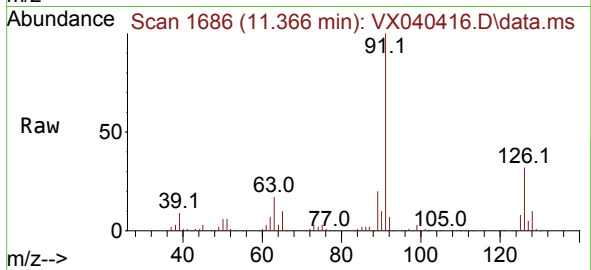
VSTDICC150

Tgt Ion: 91 Resp: 581955

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 150.397 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040416.D

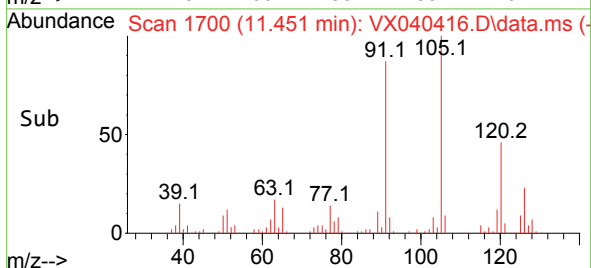
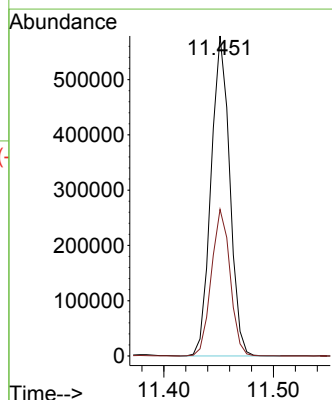
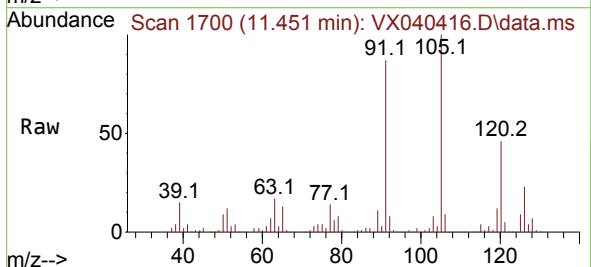
Acq: 22 Feb 2024 23:28

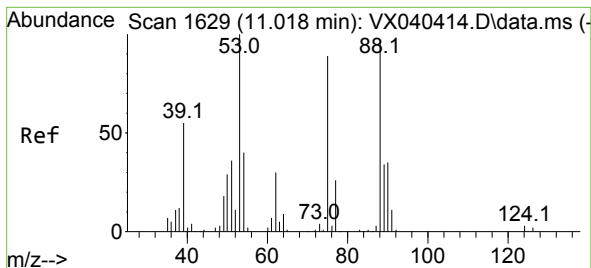
Tgt Ion: 105 Resp: 684276

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.3

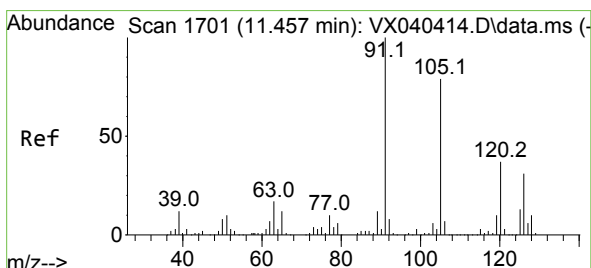
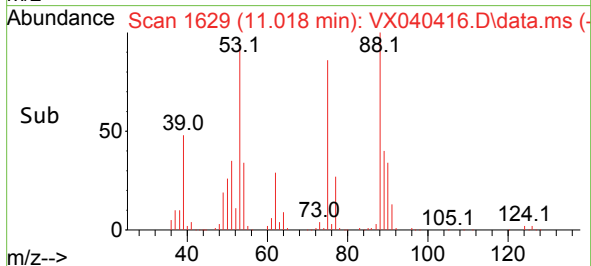
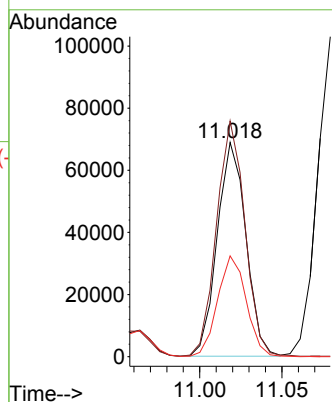
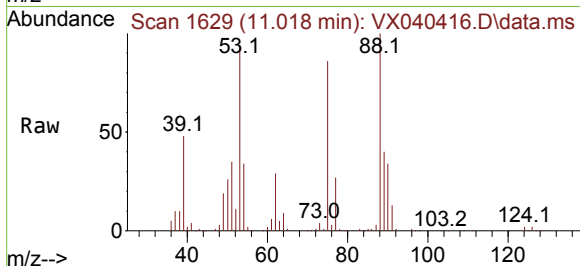




#81
trans-1,4-Dichloro-2-butene
Concen: 172.807 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

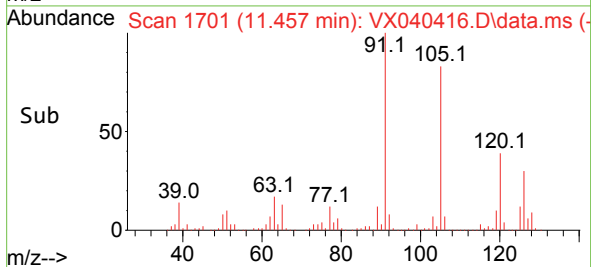
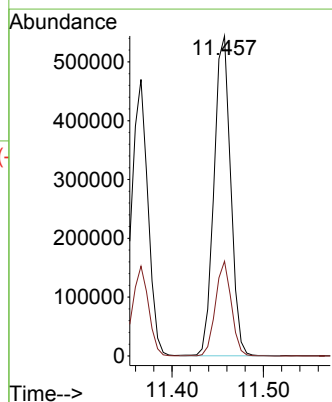
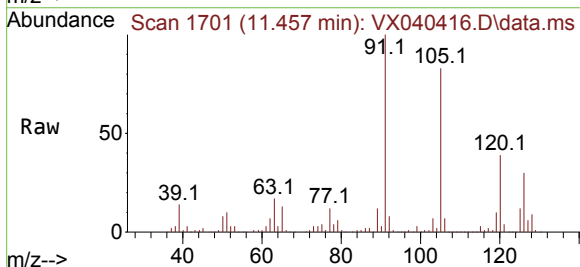
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

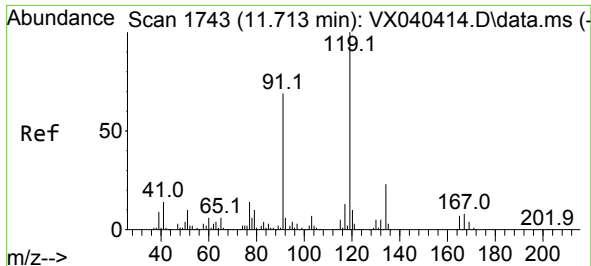
Tgt Ion: 75 Resp: 83586
Ion Ratio Lower Upper
75 100
53 108.8 90.5 135.7
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 148.256 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 91 Resp: 685991
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6

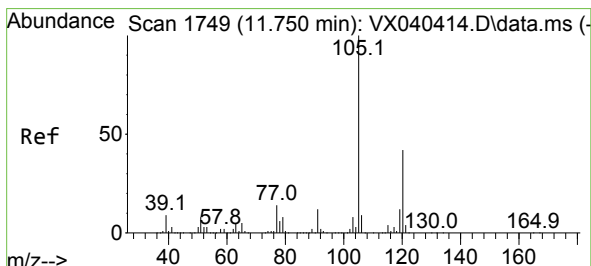
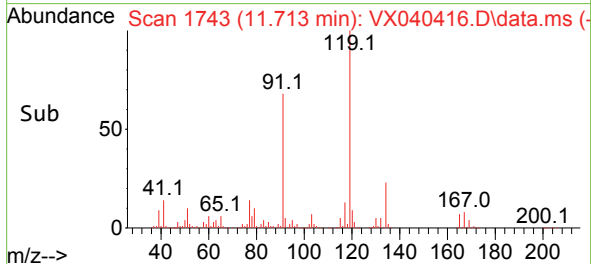
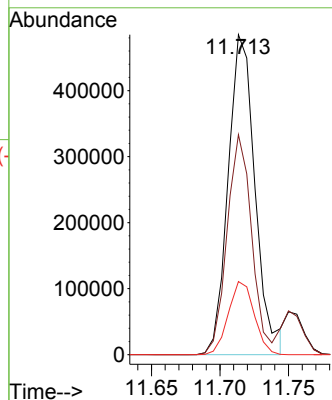
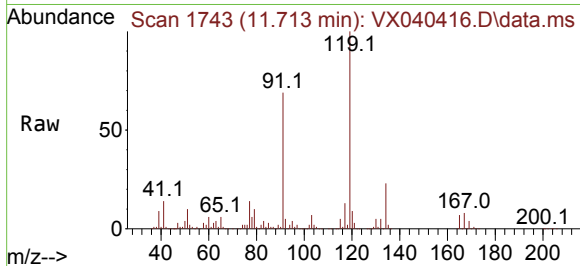




#83
tert-Butylbenzene
Concen: 154.389 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

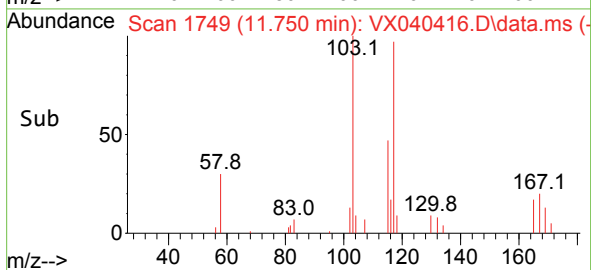
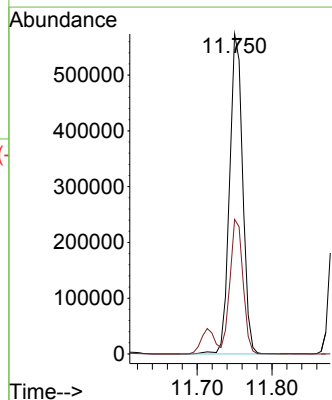
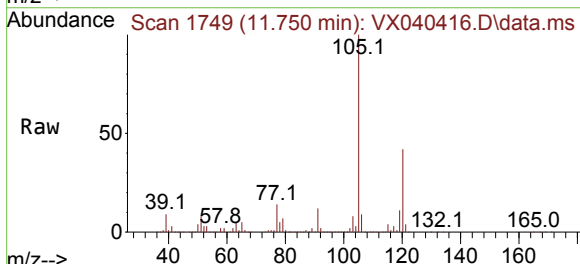
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

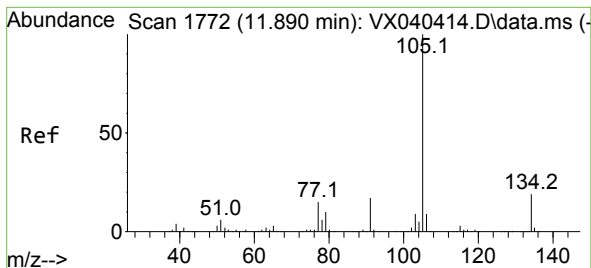
Tgt Ion:119 Resp: 662104
Ion Ratio Lower Upper
119 100
91 63.0 31.2 93.6
134 22.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 151.927 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion:105 Resp: 697454
Ion Ratio Lower Upper
105 100
120 41.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 149.816 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

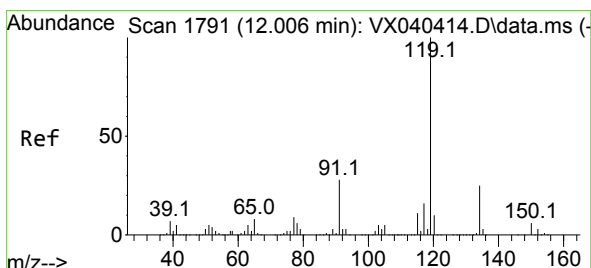
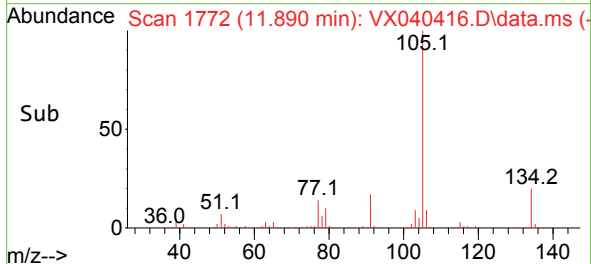
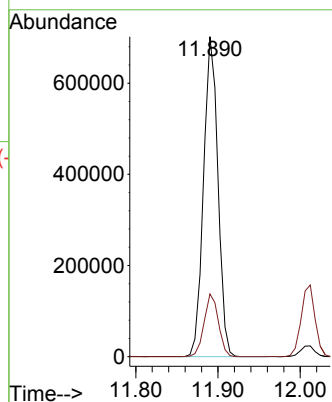
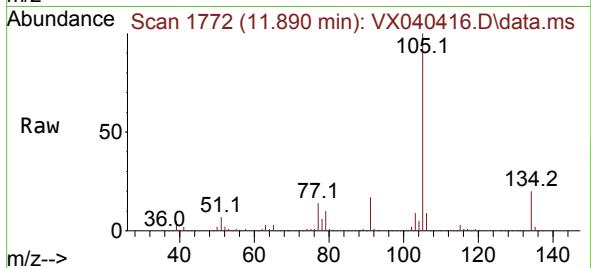
VSTDIC150

Tgt Ion:105 Resp: 855316

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 153.457 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

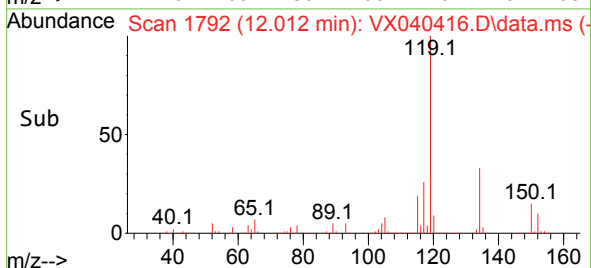
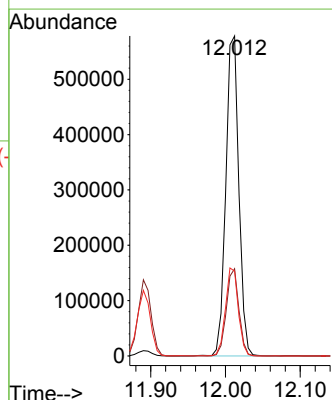
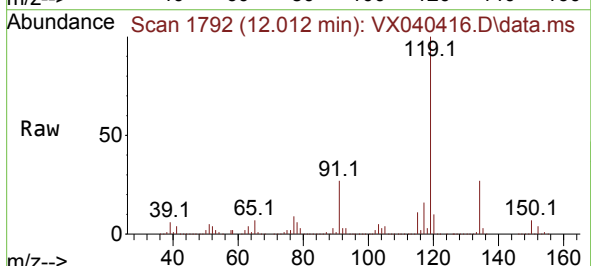
Tgt Ion:119 Resp: 700003

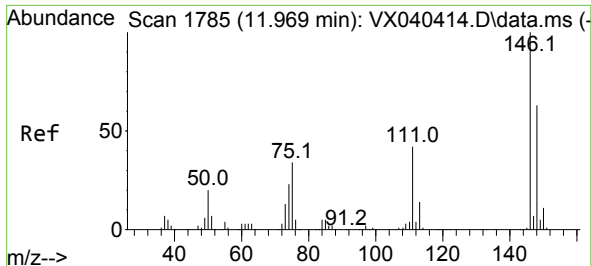
Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 146.063 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

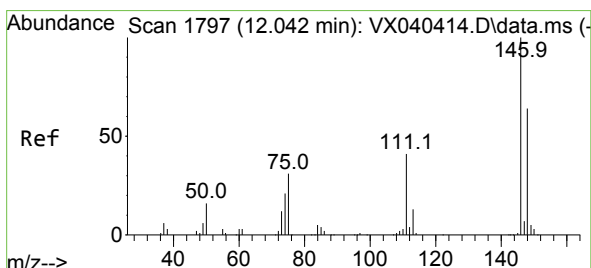
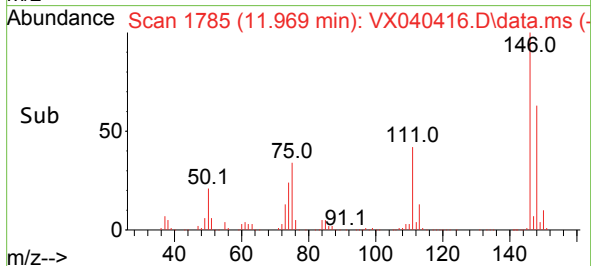
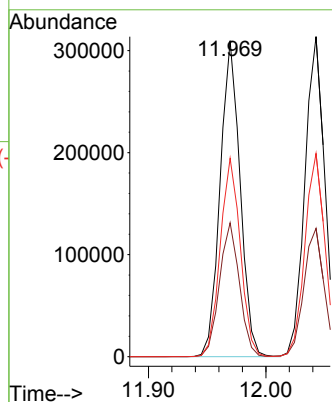
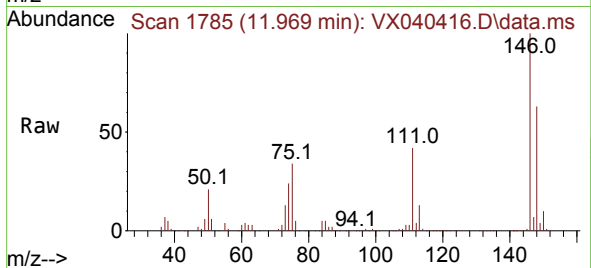
Tgt Ion:146 Resp: 365571

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 142.105 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

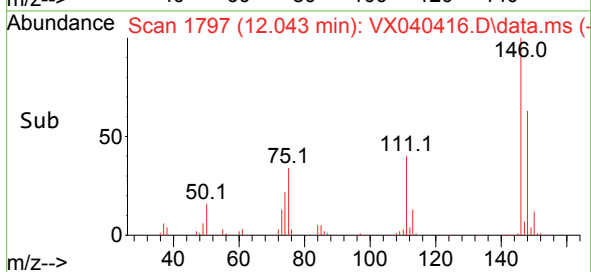
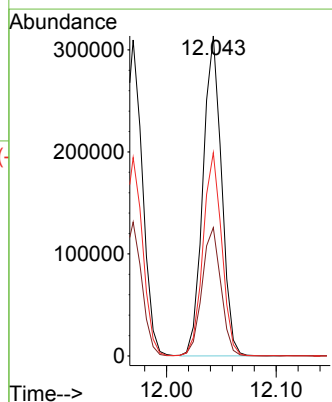
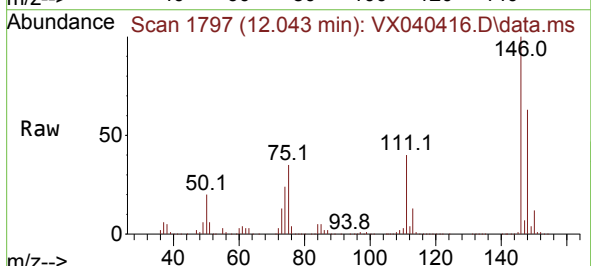
Tgt Ion:146 Resp: 368727

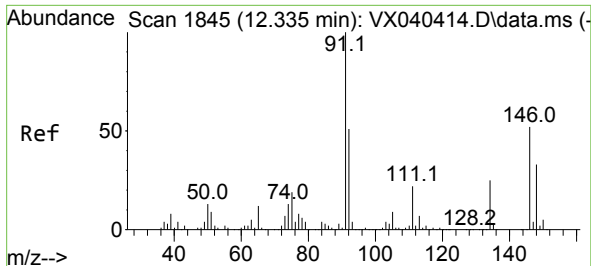
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

148 63.9 31.8 95.4

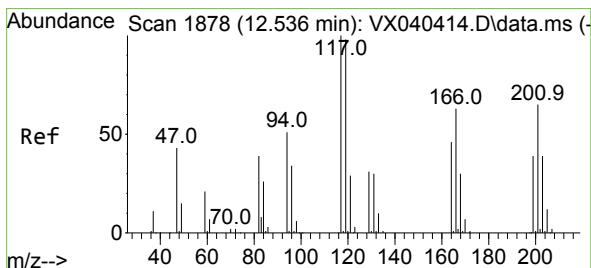
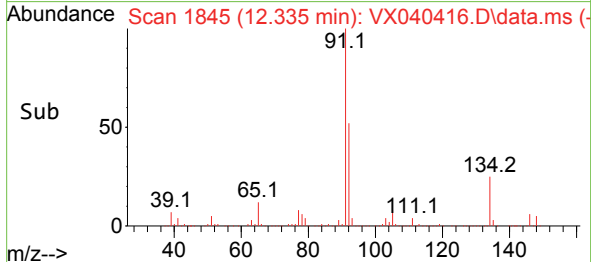
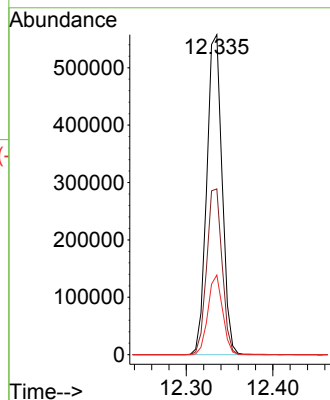
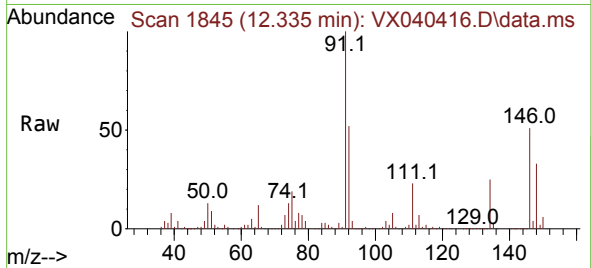




#89
n-Butylbenzene
Concen: 152.857 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

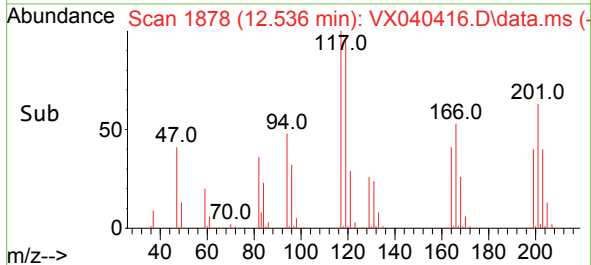
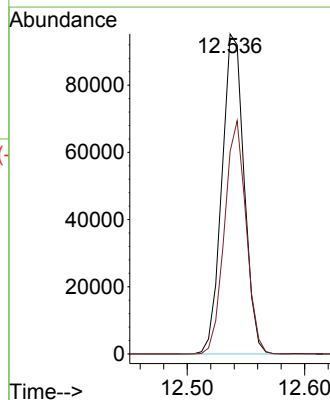
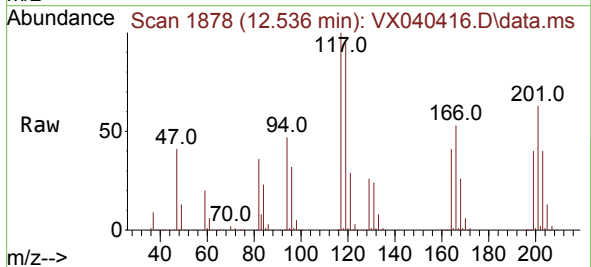
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

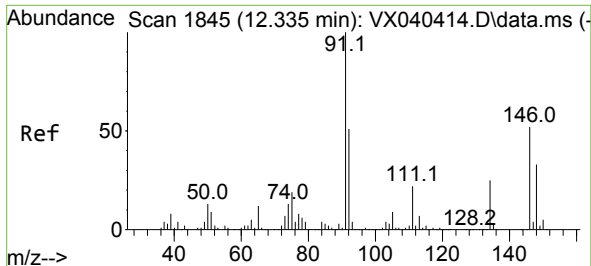
Tgt Ion: 91 Resp: 686038
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 23.8 12.6 37.8



#90
Hexachloroethane
Concen: 171.457 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040416.D
Acq: 22 Feb 2024 23:28

Tgt Ion: 117 Resp: 125256
Ion Ratio Lower Upper
117 100
201 70.8 32.9 98.6

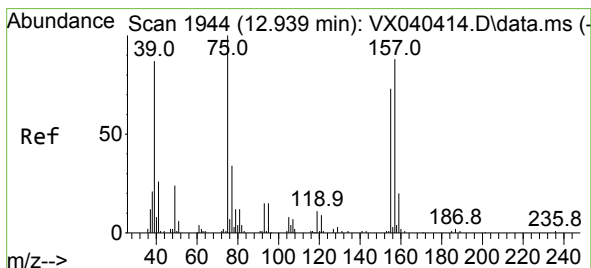
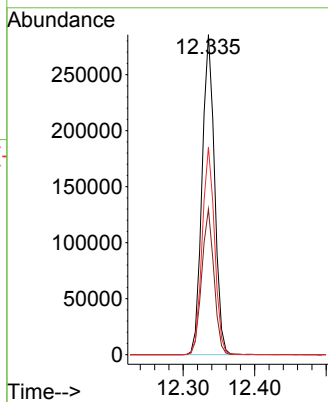
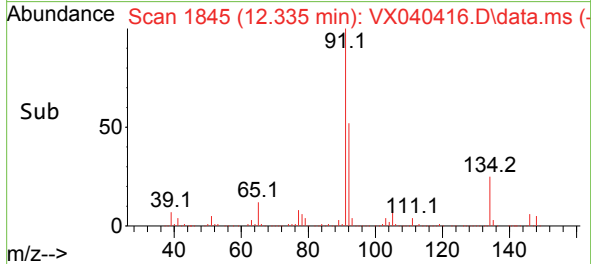
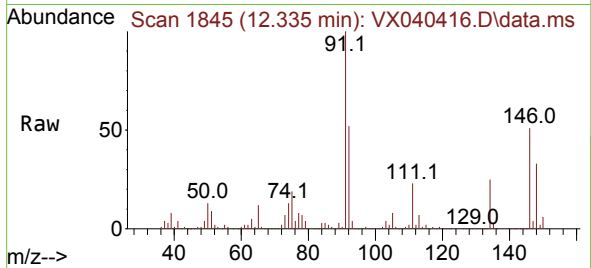




#91
 1,2-Dichlorobenzene
 Concen: 143.183 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

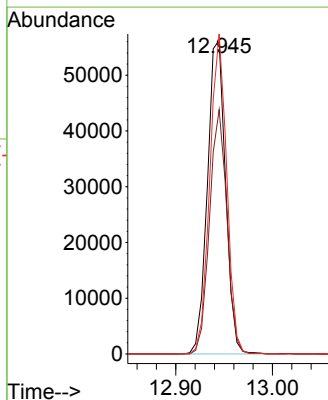
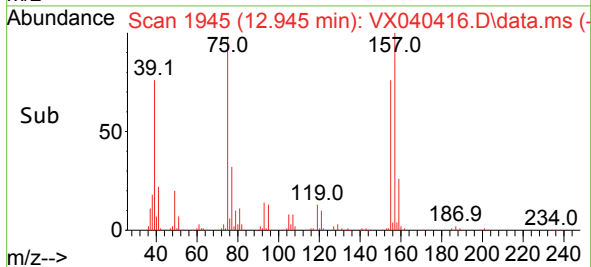
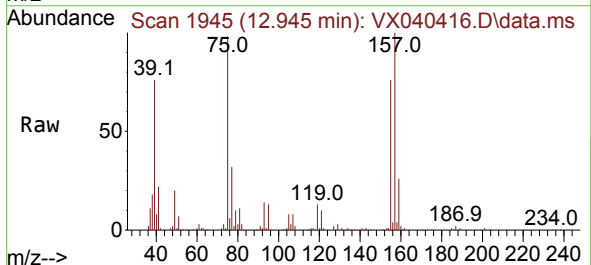
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

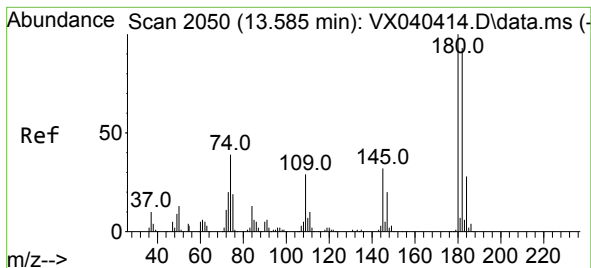
Tgt Ion:146 Resp: 346544
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.4 67.0
 148 64.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 168.185 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX040416.D
 Acq: 22 Feb 2024 23:28

Tgt Ion: 75 Resp: 73427
 Ion Ratio Lower Upper
 75 100
 155 74.3 36.1 108.5
 157 95.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 150.024 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

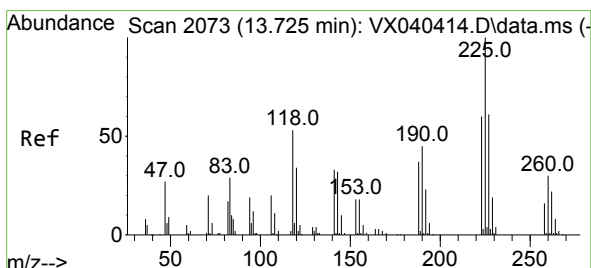
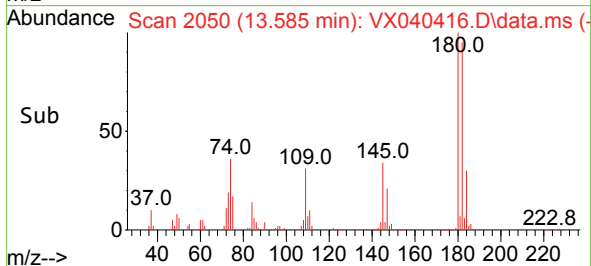
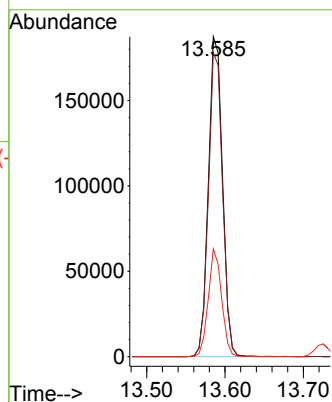
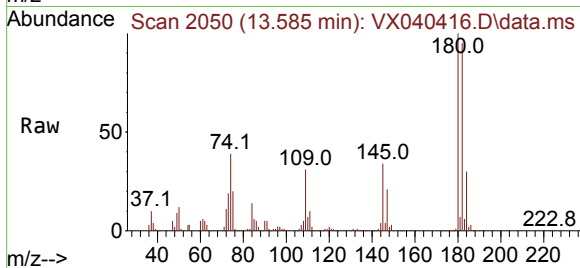
Tgt Ion:180 Resp: 233762

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 31.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 155.100 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

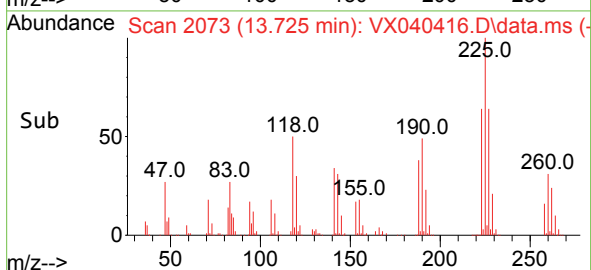
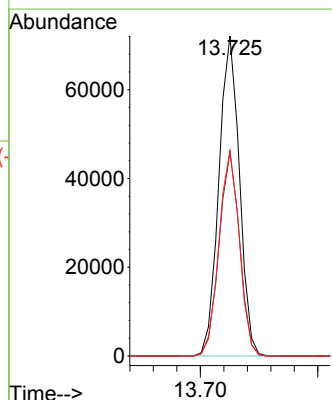
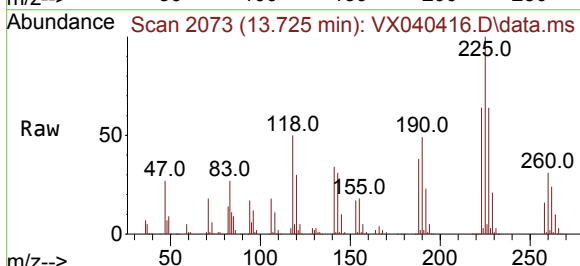
Tgt Ion:225 Resp: 87528

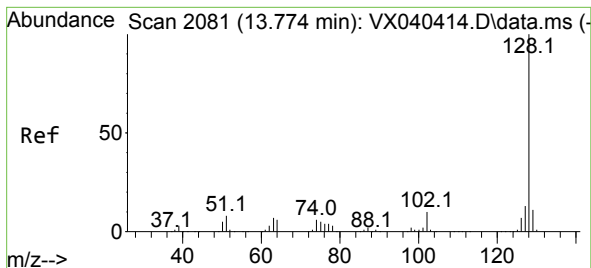
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 63.5 32.5 97.5





#95

Naphthalene

Concen: 159.212 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

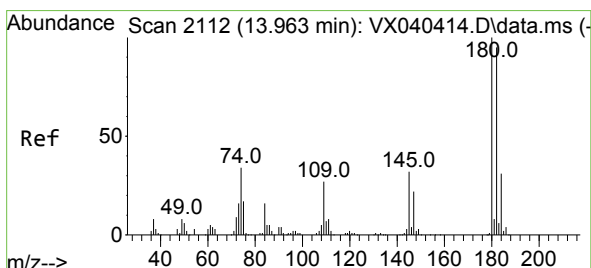
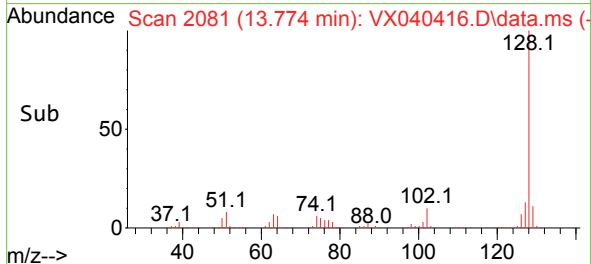
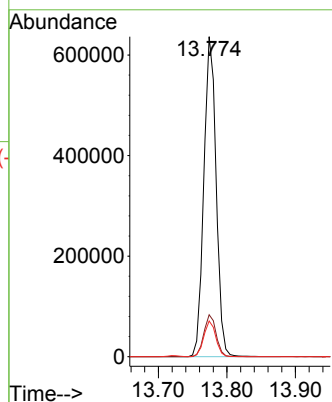
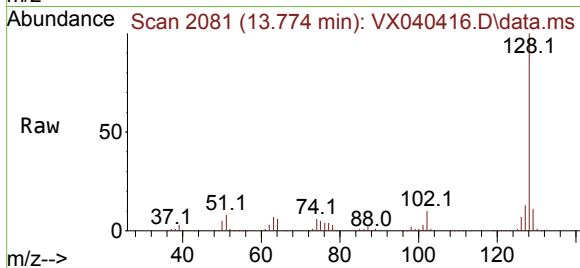
Tgt Ion:128 Resp: 796090

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 151.654 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040416.D

Acq: 22 Feb 2024 23:28

Tgt Ion:180 Resp: 227511

Ion Ratio Lower Upper

180 100

182 96.4 46.9 140.6

145 34.2 17.8 53.5

