

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039689.D
 Acq On : 09 Jan 2024 19:08
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 10 07:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	99361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	184714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	15560	9.373	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	18.740%#
35) Dibromofluoromethane	5.385	113	11506	9.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.060%#
50) Toluene-d8	8.646	98	42163	9.221	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	18.440%#
62) 4-Bromofluorobenzene	11.085	95	14956	8.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.460%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13928	10.431	ug/l	98
3) Chloromethane	1.294	50	15711	10.544	ug/l	98
4) Vinyl Chloride	1.373	62	14737	10.431	ug/l	92
5) Bromomethane	1.599	94	7889	11.655	ug/l	85
6) Chloroethane	1.666	64	8401	12.404	ug/l	96
7) Trichlorofluoromethane	1.873	101	20579	9.909	ug/l	97
8) Diethyl Ether	2.135	74	7241	9.610	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.324	101	12671	10.270	ug/l	98
10) Methyl Iodide	2.446	142	11561	8.317	ug/l	92
11) Tert butyl alcohol	2.989	59	24671	56.460	ug/l	97
12) 1,1-Dichloroethene	2.312	96	12484	10.211	ug/l	93
13) Acrolein	2.239	56	13811	46.562	ug/l	99
14) Allyl chloride	2.660	41	23600	9.887	ug/l	98
15) Acrylonitrile	3.062	53	45588	50.897	ug/l	98
16) Acetone	2.379	43	44258	49.403	ug/l	94
17) Carbon Disulfide	2.507	76	33041	9.369	ug/l	100
18) Methyl Acetate	2.702	43	20101	10.194	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	44616	10.380	ug/l	99
20) Methylene Chloride	2.788	84	15026	10.100	ug/l	99
21) trans-1,2-Dichloroethene	3.086	96	13127	10.307	ug/l	92
22) Diisopropyl ether	3.763	45	47450	10.460	ug/l	96
23) Vinyl Acetate	3.720	43	214493	51.032	ug/l	99
24) 1,1-Dichloroethane	3.605	63	25930	10.346	ug/l	98
25) 2-Butanone	4.562	43	67806	51.776	ug/l	99
26) 2,2-Dichloropropane	4.476	77	19284	9.754	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	14797	10.103	ug/l	98
28) Bromochloromethane	4.897	49	9127	7.951	ug/l #	94
29) Tetrahydrofuran	5.007	42	45049	52.753	ug/l	98
30) Chloroform	5.092	83	25340	10.353	ug/l	95
31) Cyclohexane	5.464	56	23093	10.227	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	21306	10.236	ug/l	99
36) 1,1-Dichloropropene	5.690	75	18509	9.804	ug/l	99
37) Ethyl Acetate	4.714	43	24999	10.143	ug/l	96
38) Carbon Tetrachloride	5.677	117	16634	9.357	ug/l	99
39) Methylcyclohexane	7.378	83	22692	9.968	ug/l	94
40) Benzene	6.037	78	56733	10.409	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12448	9.987	ug/l	93
42) 1,2-Dichloroethane	6.086	62	21100	10.007	ug/l	98
43) Isopropyl Acetate	6.342	43	37550	9.956	ug/l	99
44) Trichloroethene	7.128	130	13003	9.929	ug/l	99
45) 1,2-Dichloropropane	7.433	63	14720	9.902	ug/l	95
46) Dibromomethane	7.579	93	9987	10.133	ug/l	94
47) Bromodichloromethane	7.823	83	17298	9.520	ug/l	94
48) Methyl methacrylate	7.695	41	18117	10.152	ug/l	94
49) 1,4-Dioxane	7.671	88	7569	208.506	ug/l #	100
51) 4-Methyl-2-Pentanone	8.573	43	132218	52.663	ug/l	98
52) Toluene	8.720	92	32750	9.966	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	18032	9.109	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	20650	9.610	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	14113	10.278	ug/l	91
56) Ethyl methacrylate	9.116	69	22076	9.977	ug/l	96
57) 1,3-Dichloropropane	9.311	76	24099	10.343	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	41895	40.176	ug/l	93
59) 2-Hexanone	9.433	43	105188	52.539	ug/l	98
60) Dibromochloromethane	9.518	129	12041	9.672	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14657	10.336	ug/l	97
64) Tetrachloroethene	9.274	164	10428	10.193	ug/l	95
65) Chlorobenzene	10.079	112	33840	10.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	11163	9.478	ug/l	94
67) Ethyl Benzene	10.195	91	63341	10.162	ug/l	98
68) m/p-Xylenes	10.299	106	46512	20.248	ug/l	93
69) o-Xylene	10.640	106	23787	10.435	ug/l	96
70) Styrene	10.658	104	36697	10.085	ug/l	99
71) Bromoform	10.798	173	7469	8.794	ug/l #	96
73) Isopropylbenzene	10.963	105	60525	10.687	ug/l	100
74) N-amyl acetate	10.841	43	31091	10.307	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	24417	11.129	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	25467	13.813	ug/l	90
77) Bromobenzene	11.201	156	13430	10.555	ug/l	96
78) n-propylbenzene	11.304	91	69623	10.411	ug/l	96
79) 2-Chlorotoluene	11.365	91	44578	10.642	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	51036	10.552	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5050	8.406	ug/l	87
82) 4-Chlorotoluene	11.457	91	49134	10.351	ug/l	99
83) tert-Butylbenzene	11.713	119	50284	10.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	51066	10.592	ug/l	99
85) sec-Butylbenzene	11.890	105	62147	10.695	ug/l	99
86) p-Isopropyltoluene	12.012	119	48274	10.445	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	24267	10.101	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	24527	10.239	ug/l	96
89) n-Butylbenzene	12.335	91	40440	9.502	ug/l	97
90) Hexachloroethane	12.536	117	7561	9.384	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	24366	10.162	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	4795	9.426	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	12793	9.366	ug/l	99
94) Hexachlorobutadiene	13.725	225	5724	10.087	ug/l	97
95) Naphthalene	13.774	128	51466	9.450	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	13614	9.749	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jan 10 07:08:34 2024
Response via : Initial Calibration

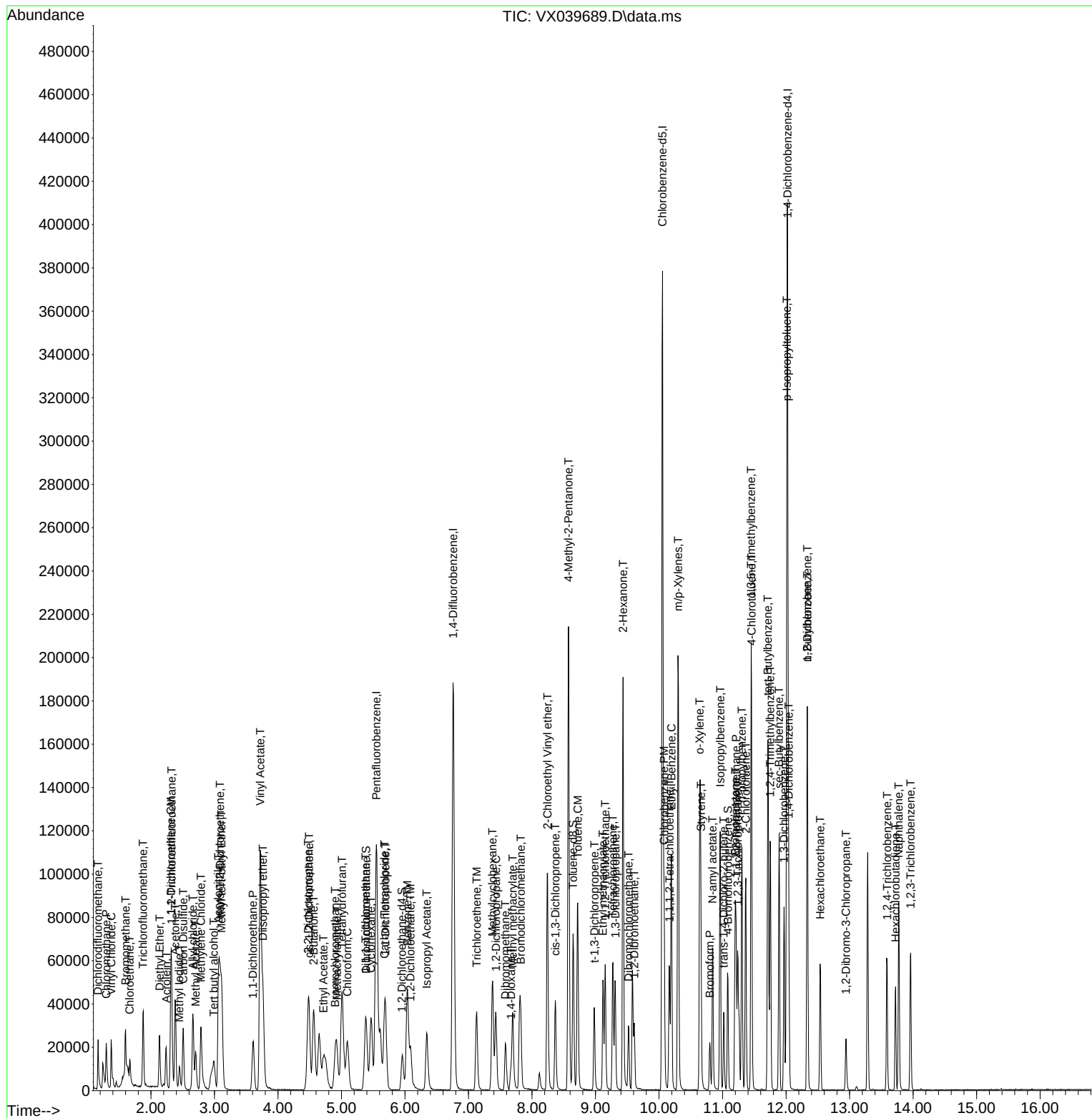
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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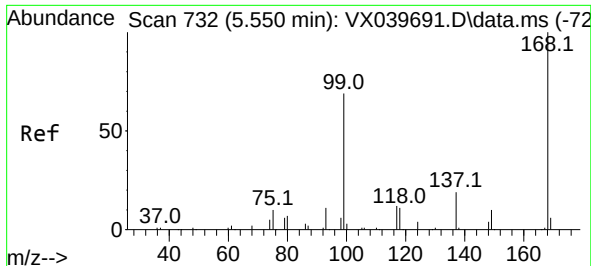
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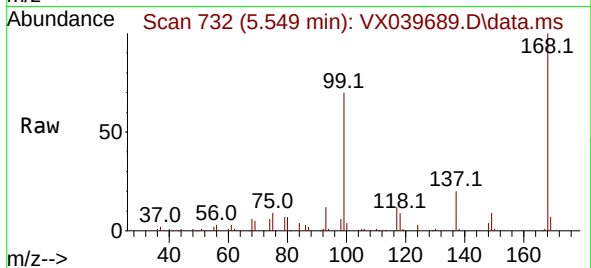
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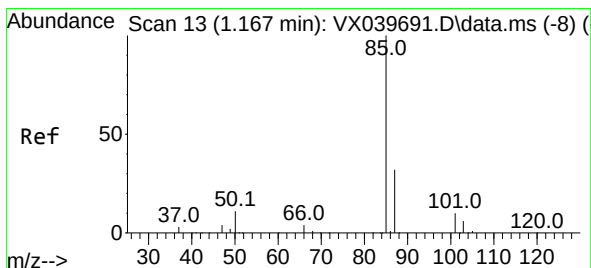
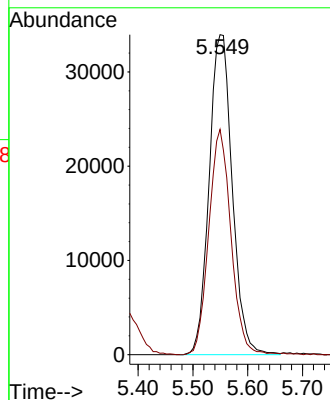
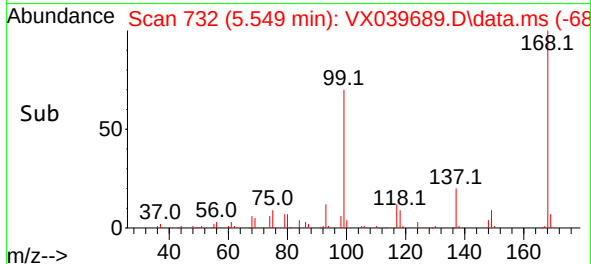


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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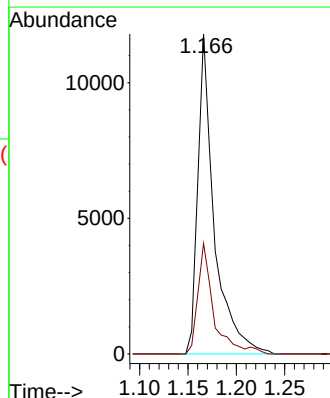
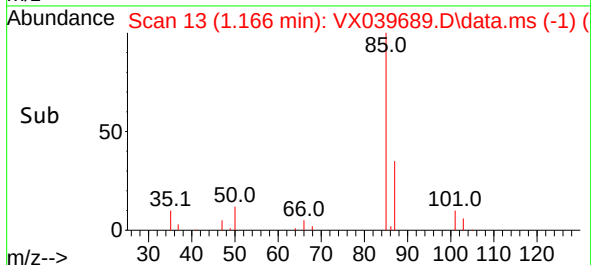
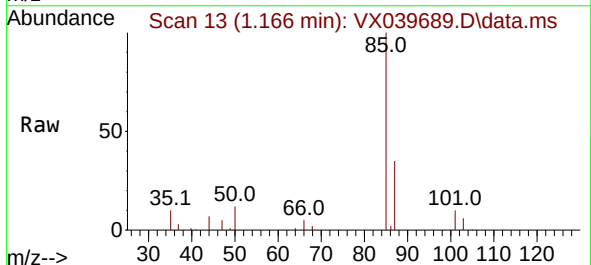


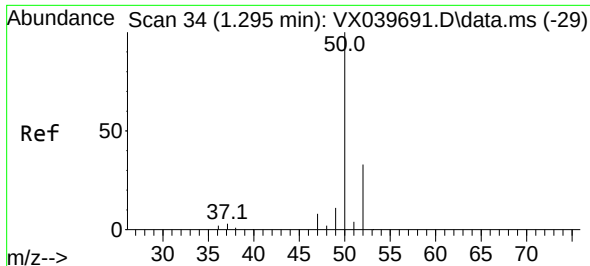
Tgt Ion:168 Resp: 99361
Ion Ratio Lower Upper
168 100
99 70.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 10.431 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 85 Resp: 13928
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.1

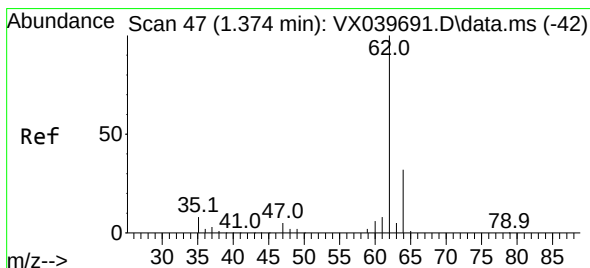
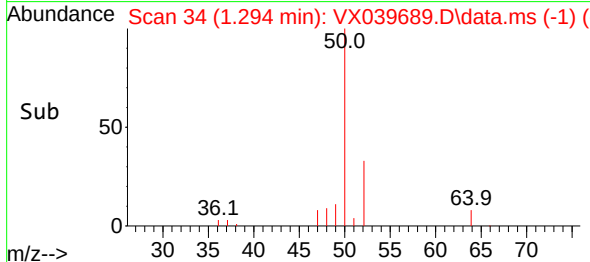
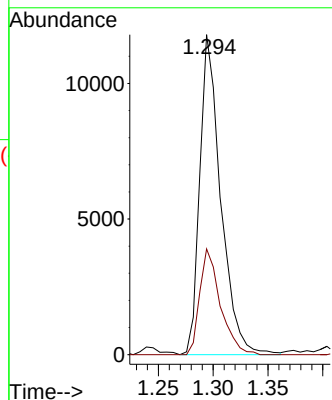
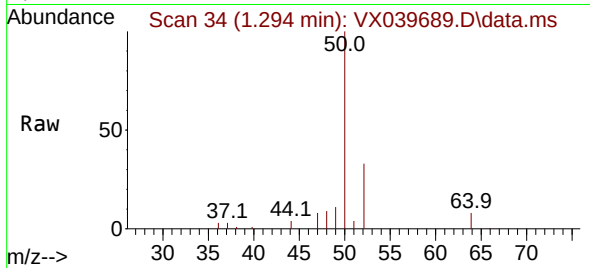




#3
Chloromethane
Concen: 10.544 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

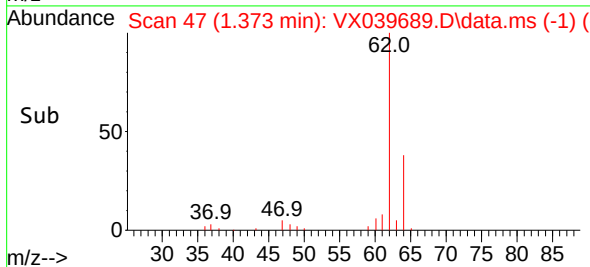
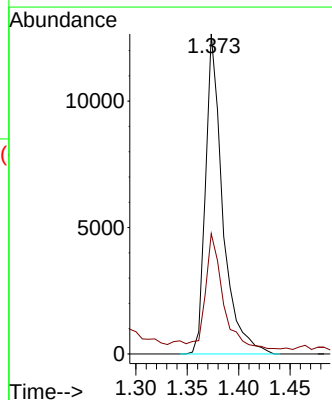
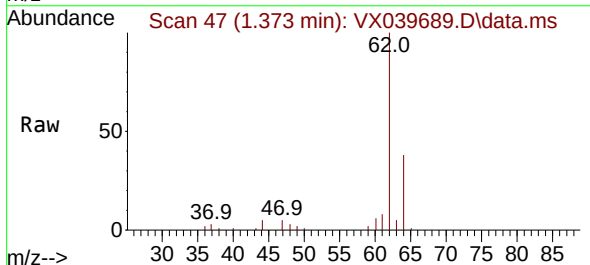
Instrument :
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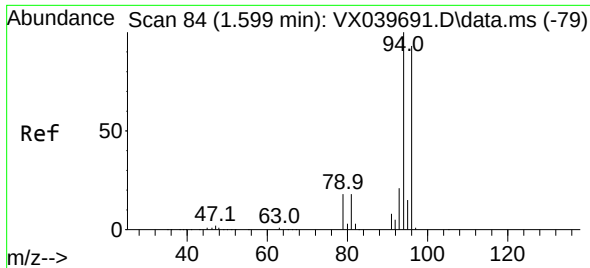
Tgt Ion: 50 Resp: 15711
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3



#4
Vinyl Chloride
Concen: 10.431 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 62 Resp: 14737
Ion Ratio Lower Upper
62 100
64 36.0 25.4 38.0

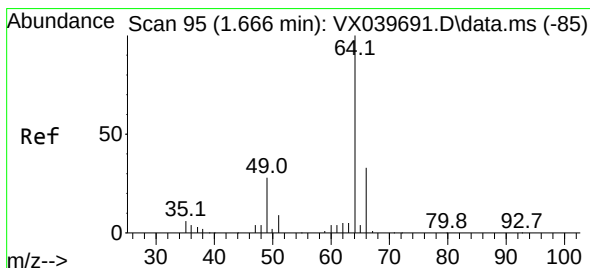
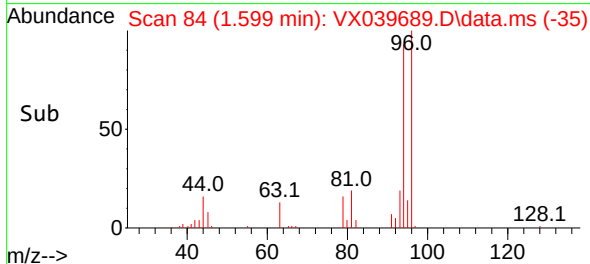
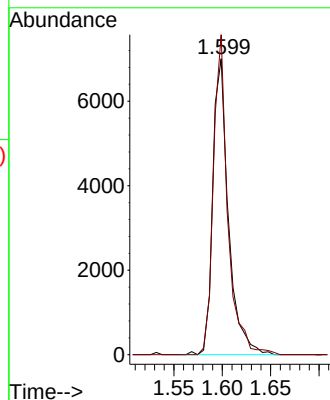
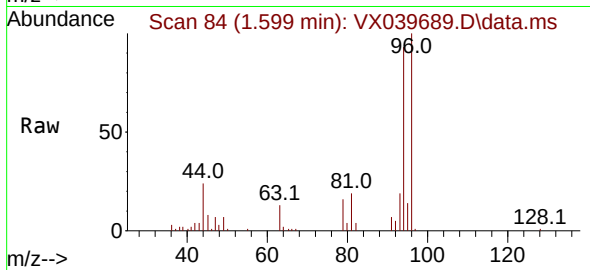




#5
 Bromomethane
 Concen: 11.655 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: VX039689.D
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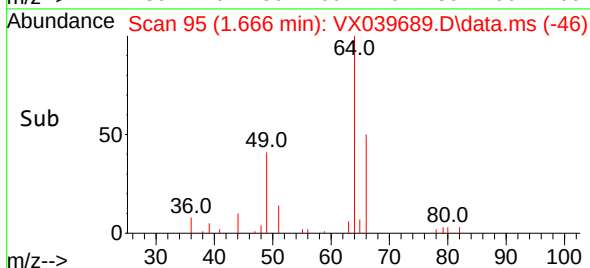
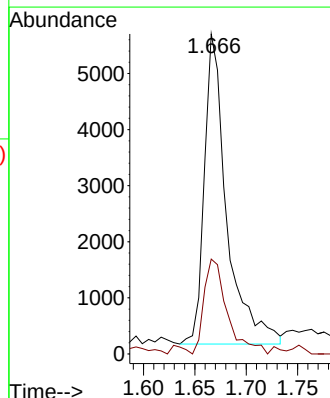
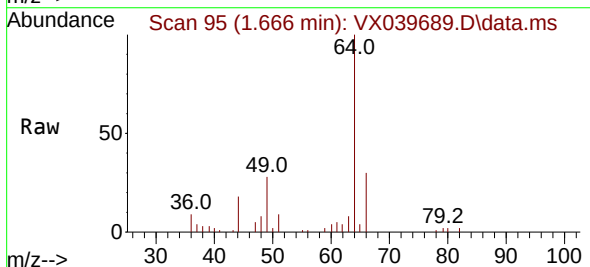
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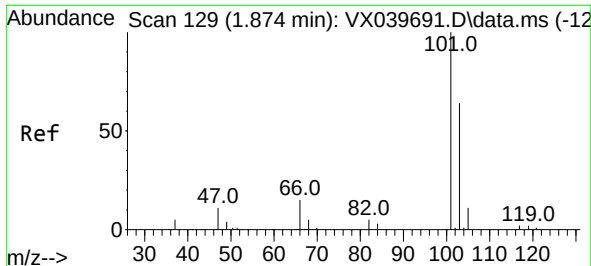
Tgt Ion: 94 Resp: 7889
 Ion Ratio Lower Upper
 94 100
 96 108.1 74.6 111.8



#6
 Chloroethane
 Concen: 12.404 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.001 min
 Lab File: VX039689.D
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Tgt Ion: 64 Resp: 8401
 Ion Ratio Lower Upper
 64 100
 66 29.3 25.1 37.7

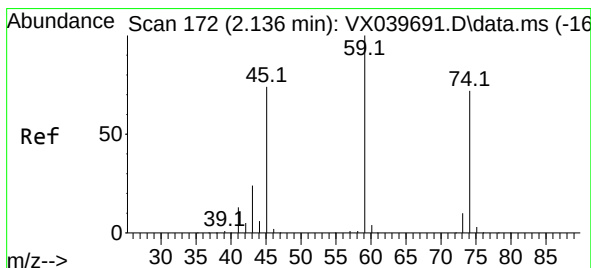
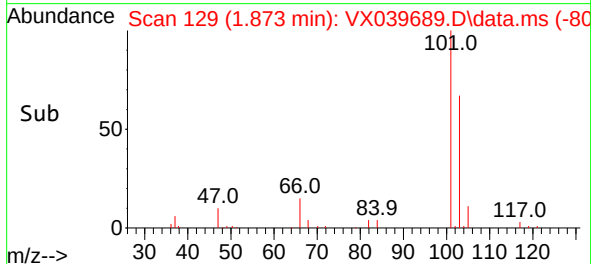
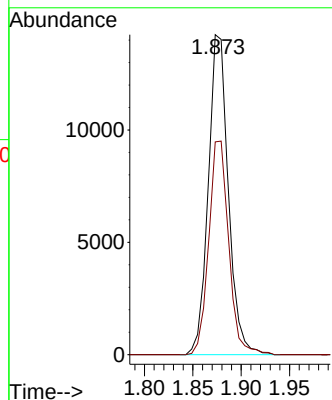
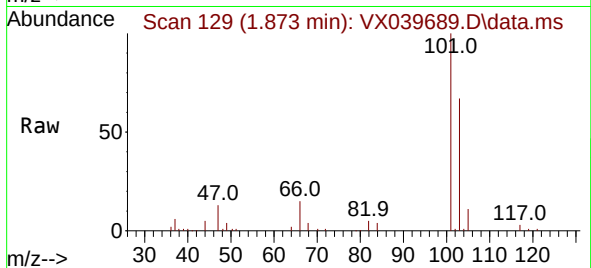




#7
Trichlorofluoromethane
Concen: 9.909 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

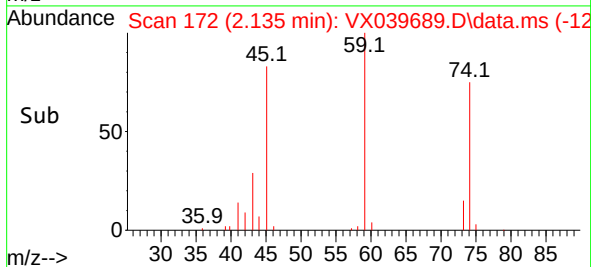
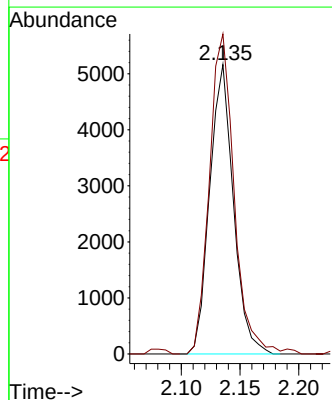
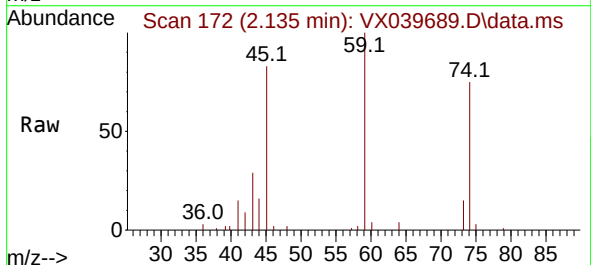
Instrument :
MSVOA_X
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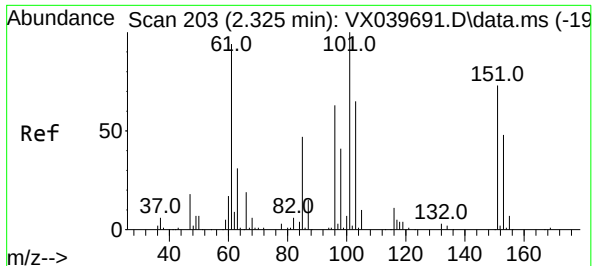
Tgt Ion:101 Resp: 20579
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.2



#8
Diethyl Ether
Concen: 9.610 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 74 Resp: 7241
Ion Ratio Lower Upper
74 100
45 115.7 53.3 159.8

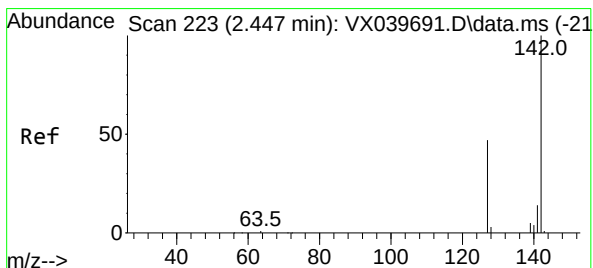
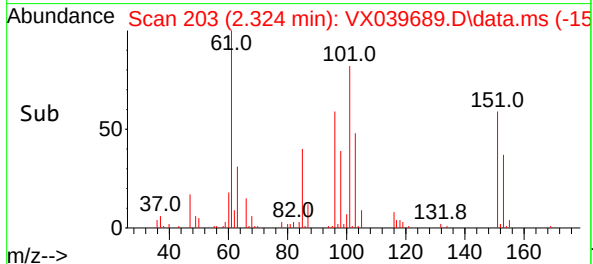
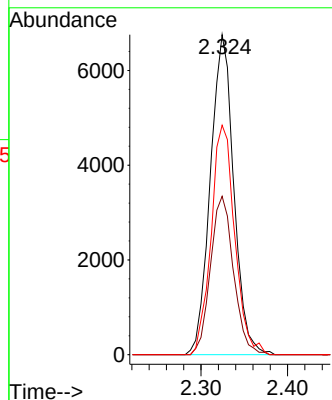
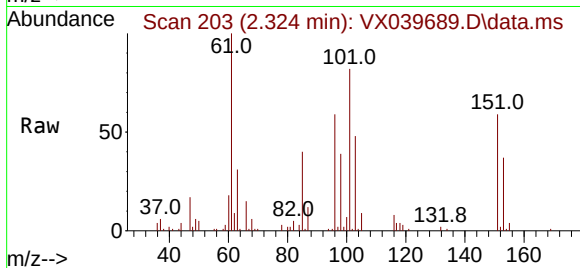




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.270 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

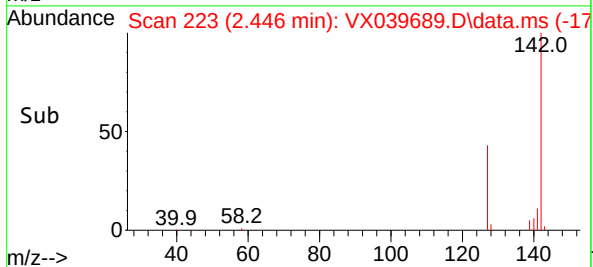
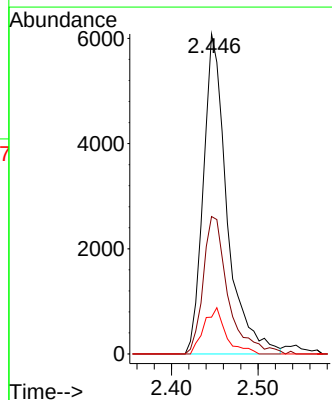
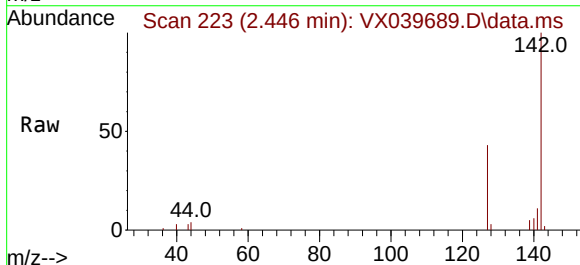
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

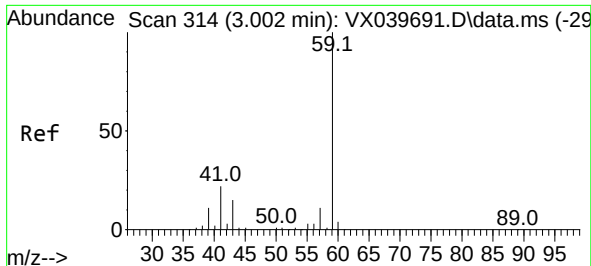
Tgt Ion:	101	Resp:	12671
Ion	Ratio	Lower	Upper
101	100		
85	48.8	37.0	55.6
151	72.5	58.6	87.8



#10
Methyl Iodide
Concen: 8.317 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion:	142	Resp:	11561
Ion	Ratio	Lower	Upper
142	100		
127	45.2	41.6	62.4
141	13.4	11.6	17.4

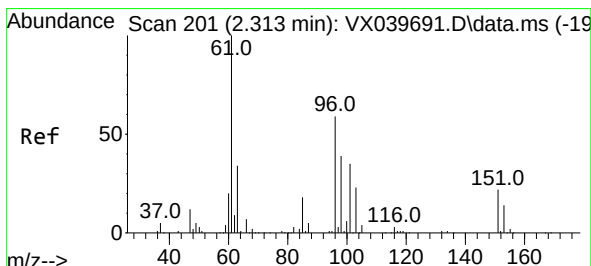
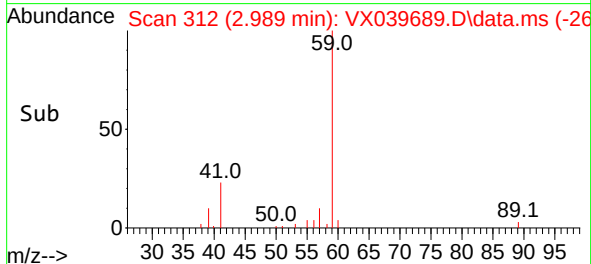
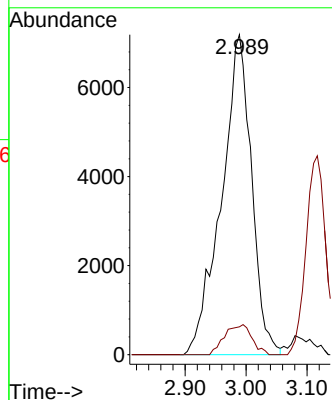
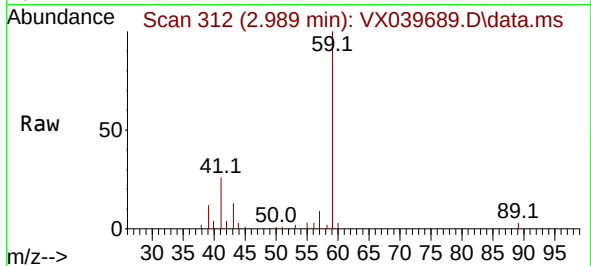




#11
Tert butyl alcohol
Concen: 56.460 ug/l
RT: 2.989 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

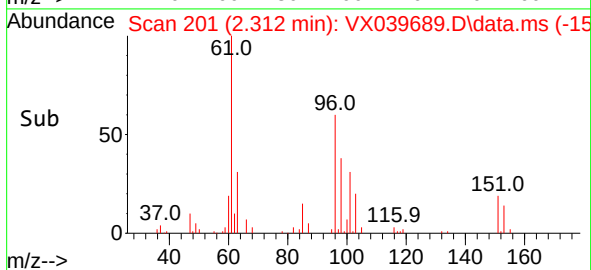
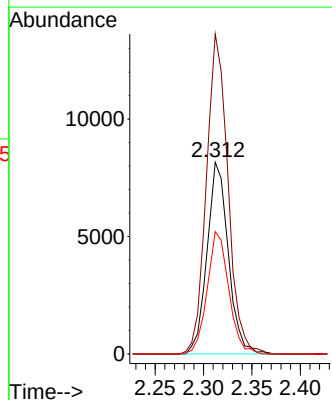
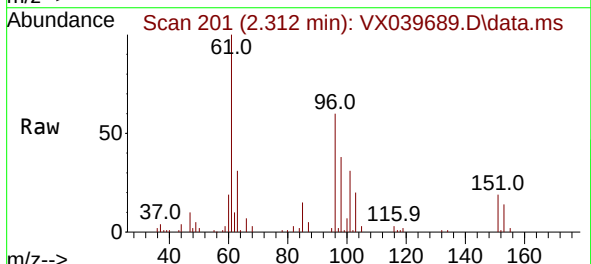
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

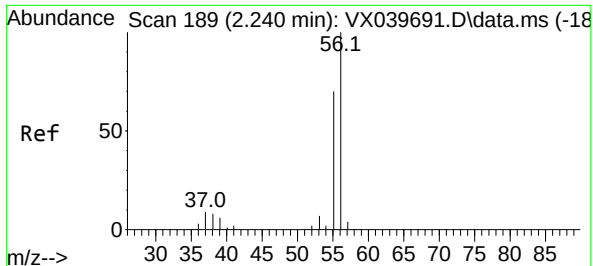
Tgt Ion: 59 Resp: 24671
Ion Ratio Lower Upper
59 100
57 8.5 6.0 9.0



#12
1,1-Dichloroethene
Concen: 10.211 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 96 Resp: 12484
Ion Ratio Lower Upper
96 100
61 166.9 144.6 216.8
98 63.8 50.4 75.6

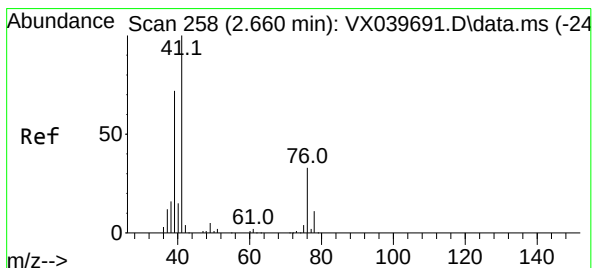
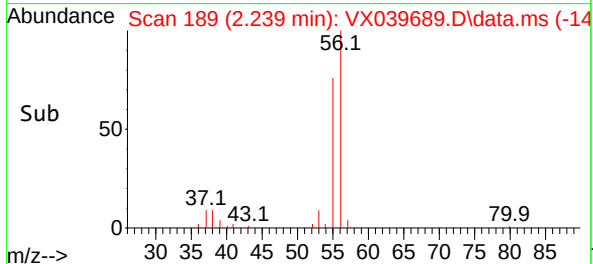
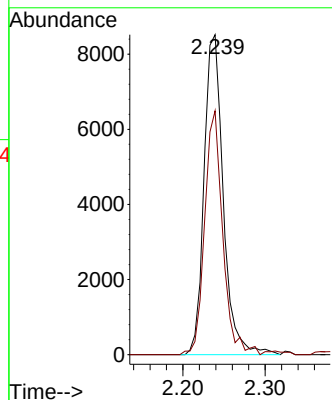
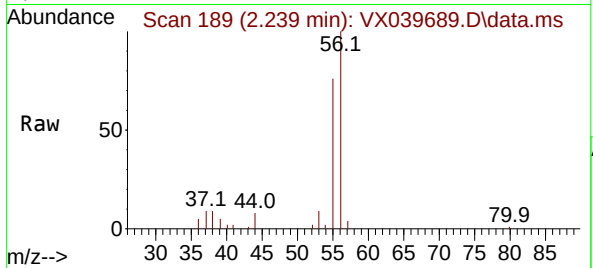




#13
Acrolein
Concen: 46.562 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

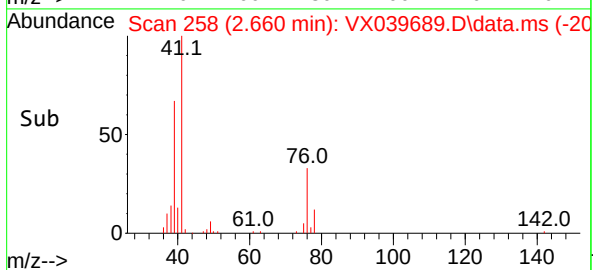
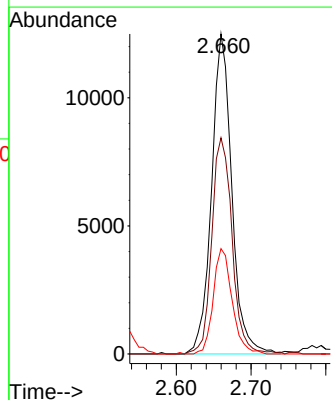
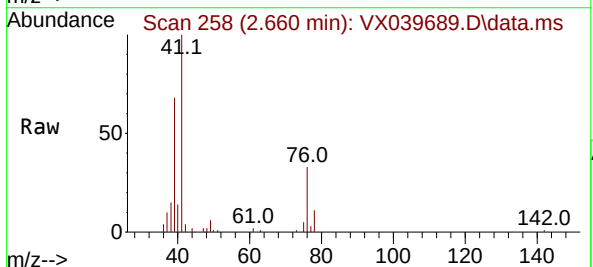
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

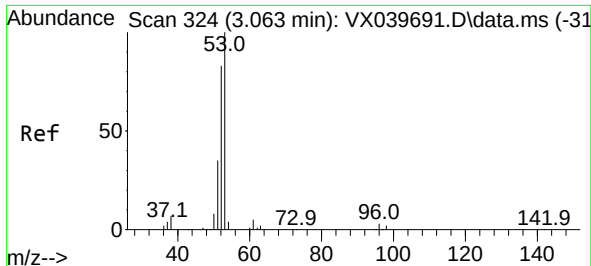
Tgt Ion: 56 Resp: 13811
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 9.887 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 41 Resp: 23600
Ion Ratio Lower Upper
41 100
39 67.6 55.8 83.6
76 30.6 24.3 36.5





#15

Acrylonitrile

Concen: 50.897 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

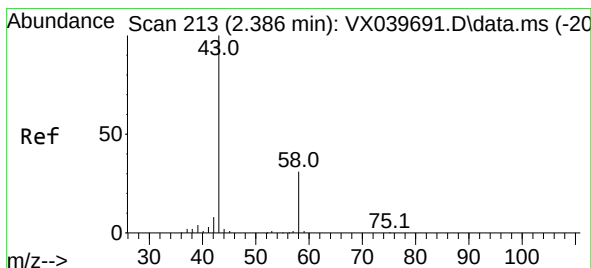
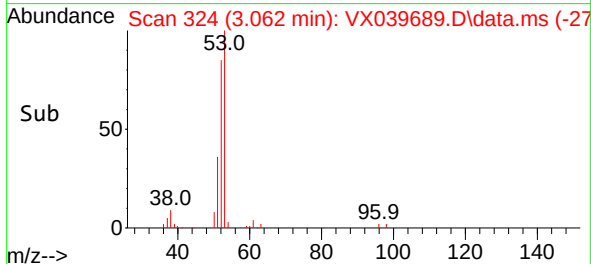
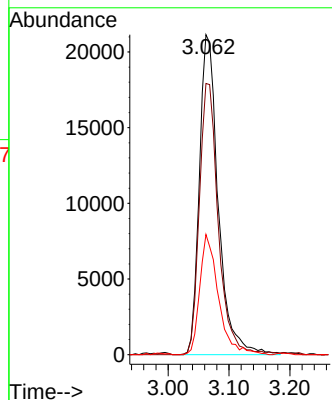
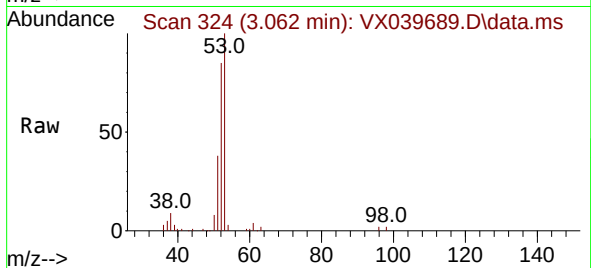
Tgt Ion: 53 Resp: 45588

Ion Ratio Lower Upper

53 100

52 85.1 66.0 99.0

51 37.1 29.8 44.6



#16

Acetone

Concen: 49.403 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.007 min

Lab File: VX039689.D

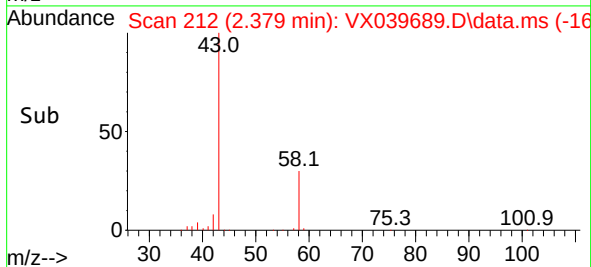
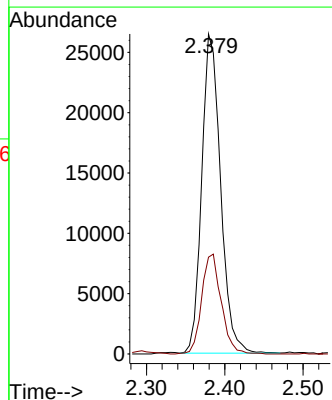
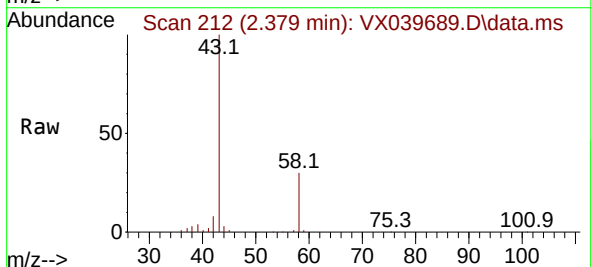
Acq: 09 Jan 2024 19:08

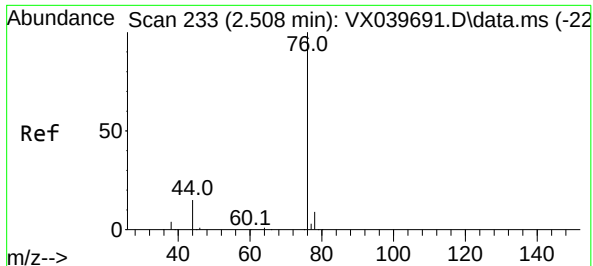
Tgt Ion: 43 Resp: 44258

Ion Ratio Lower Upper

43 100

58 30.3 21.9 32.9

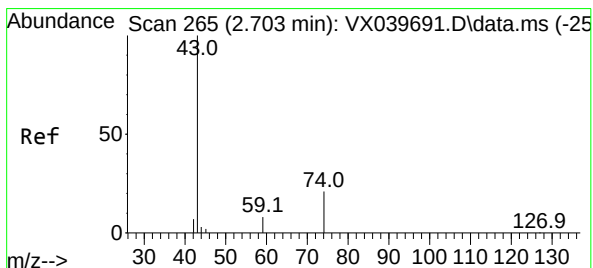
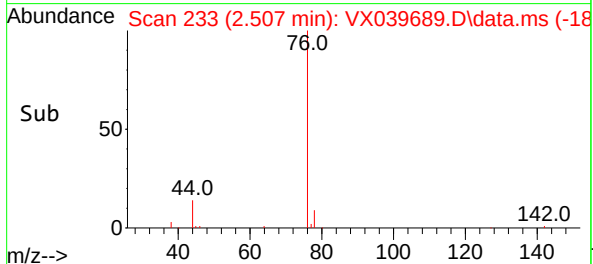
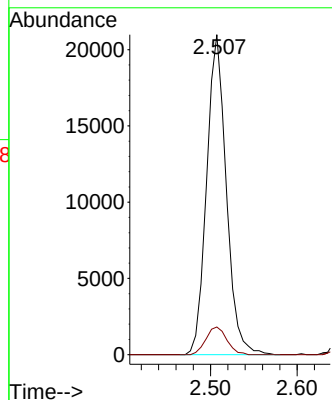
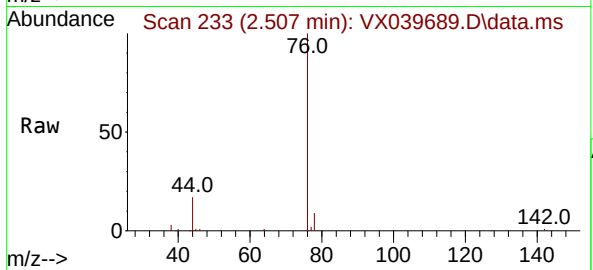




#17
Carbon Disulfide
Concen: 9.369 ug/l
RT: 2.507 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

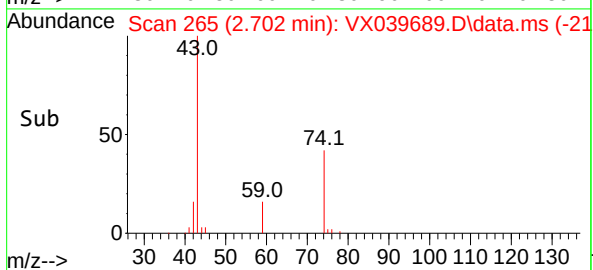
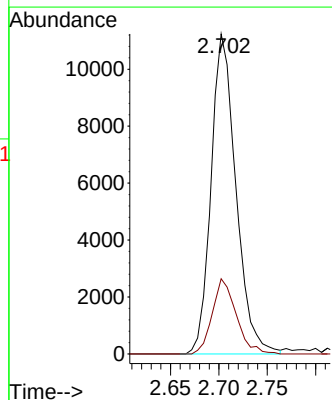
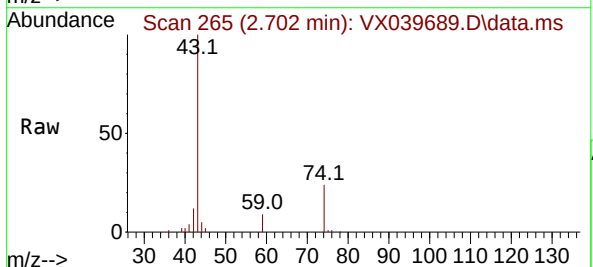
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

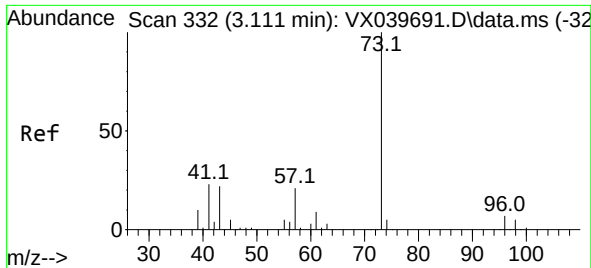
Tgt Ion: 76 Resp: 33041
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 10.194 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 43 Resp: 20101
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8

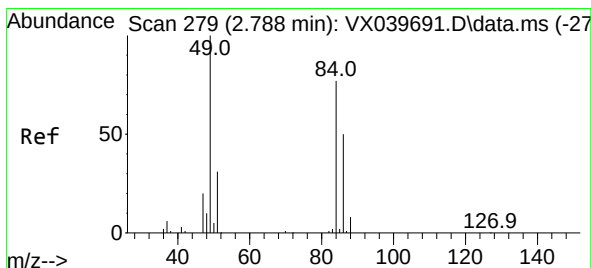
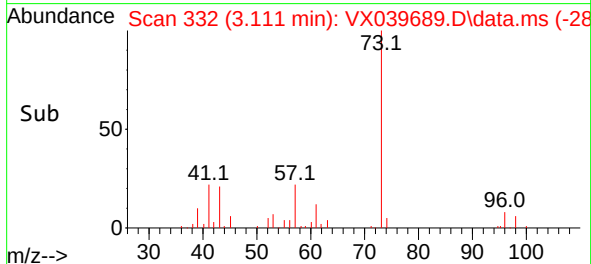
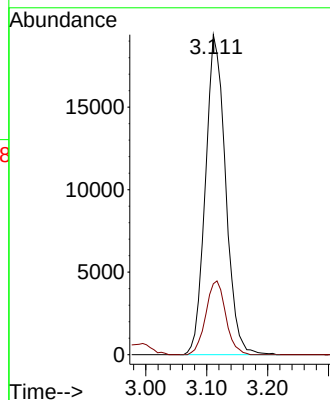
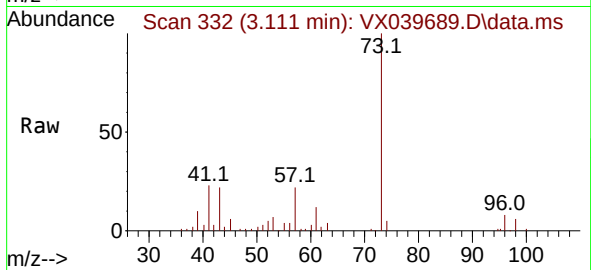




#19
Methyl tert-butyl Ether
Concen: 10.380 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

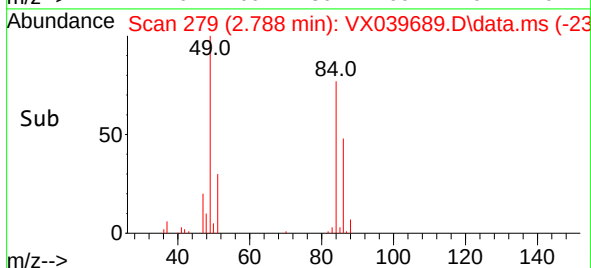
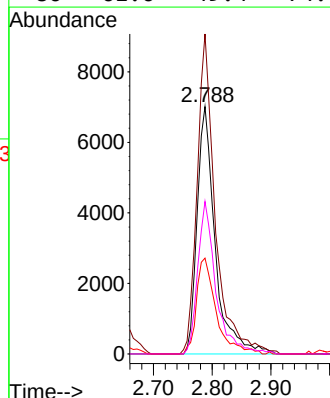
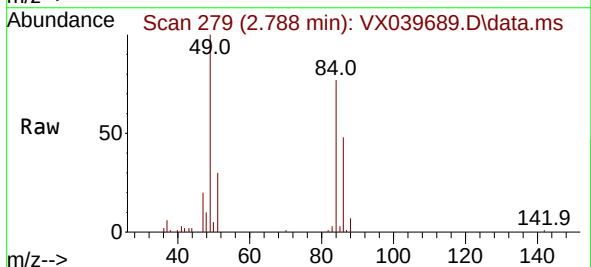
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

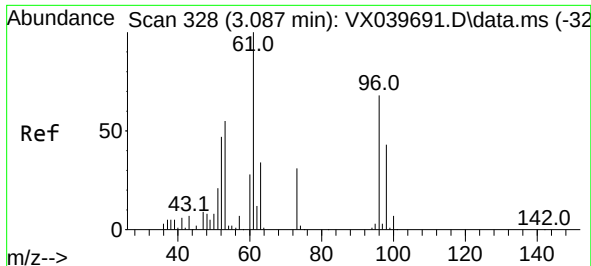
Tgt Ion: 73 Resp: 44616
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 10.100 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 84 Resp: 15026
Ion Ratio Lower Upper
84 100
49 129.4 103.6 155.4
51 38.7 33.8 50.6
86 61.6 49.4 74.0

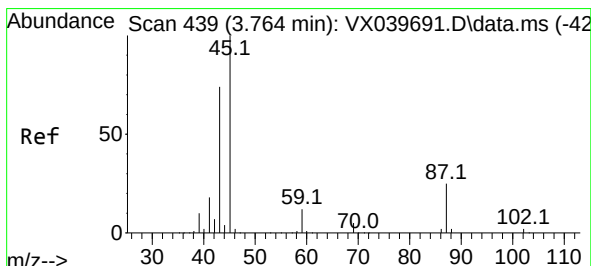
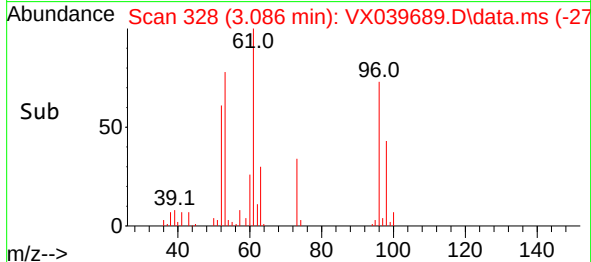
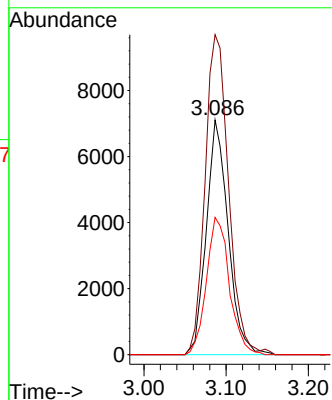
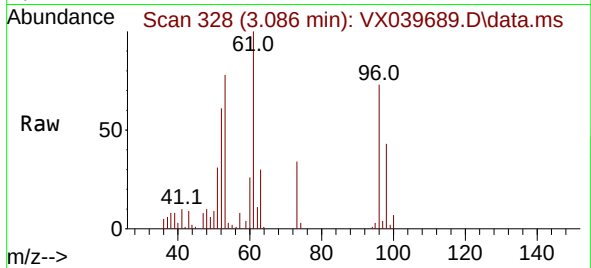




#21
trans-1,2-Dichloroethene
Concen: 10.307 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

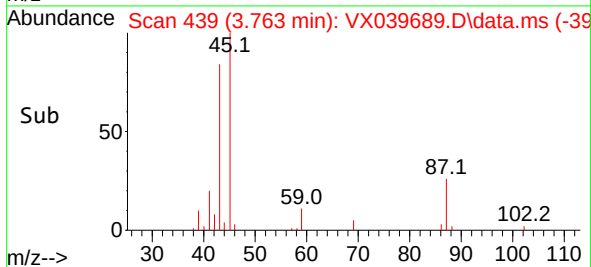
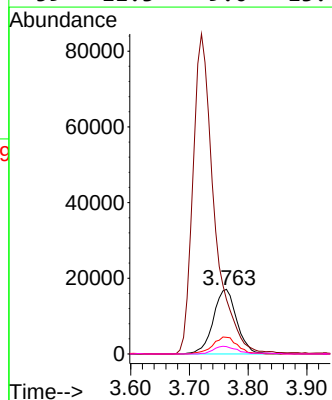
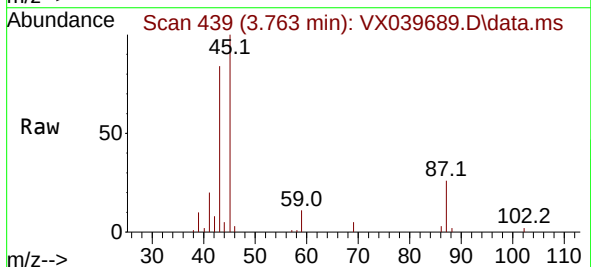
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

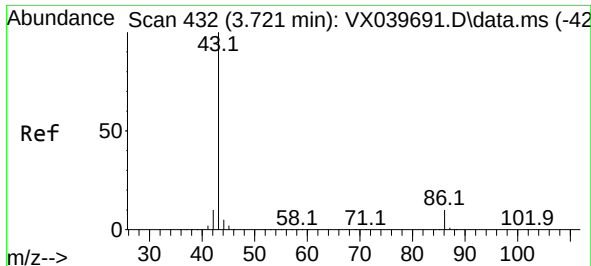
Tgt Ion: 96 Resp: 13127
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 58.5 48.7 73.1



#22
Diisopropyl ether
Concen: 10.460 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 45 Resp: 47450
Ion Ratio Lower Upper
45 100
43 82.3 69.7 104.5
87 25.7 20.8 31.2
59 11.3 9.0 13.4

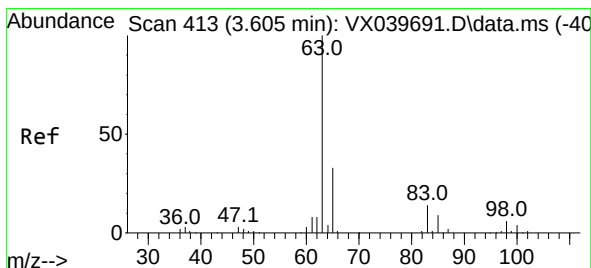
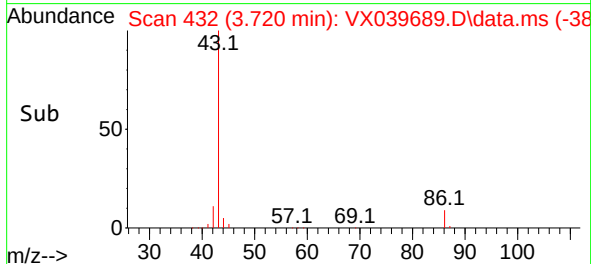
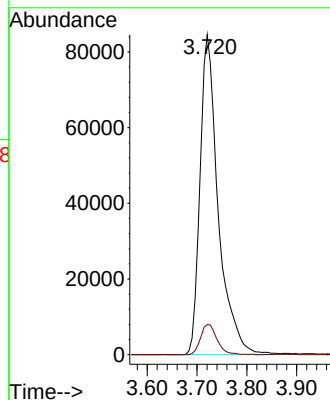
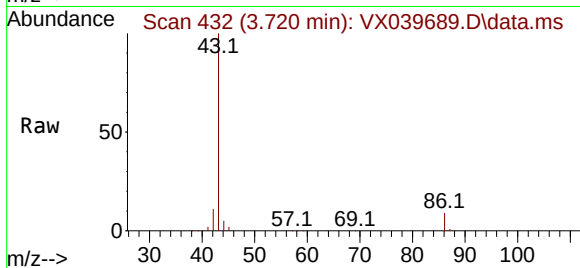




#23
 Vinyl Acetate
 Concen: 51.032 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.001 min
 Lab File: VX039689.D
 Acq: 09 Jan 2024 19:08

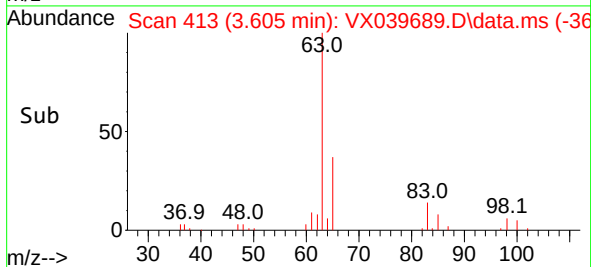
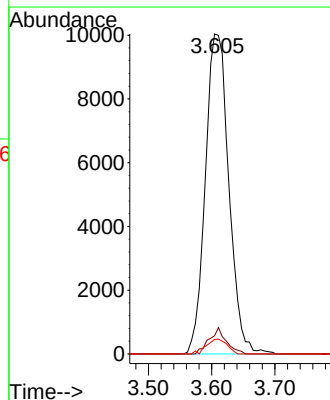
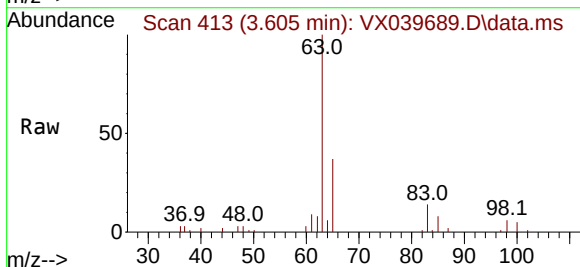
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

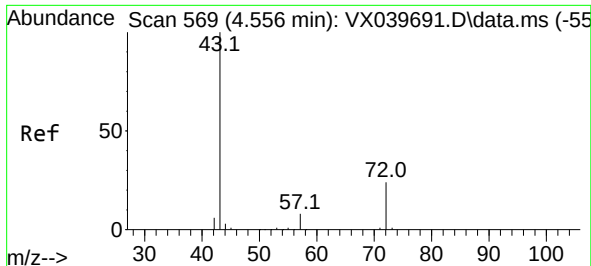
Tgt Ion: 43 Resp: 214493
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 10.346 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.001 min
 Lab File: VX039689.D
 Acq: 09 Jan 2024 19:08

Tgt Ion: 63 Resp: 25930
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 4.5 2.1 6.5

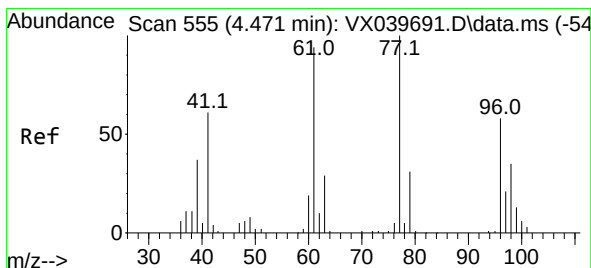
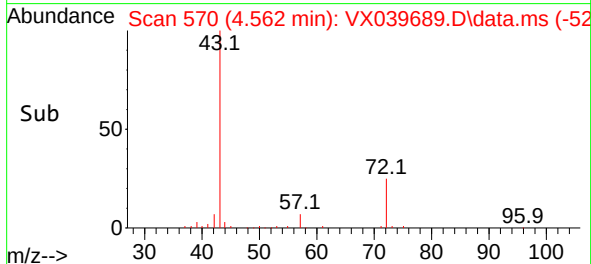
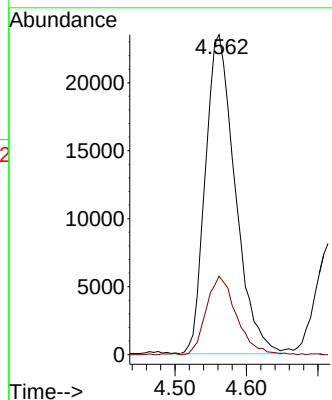
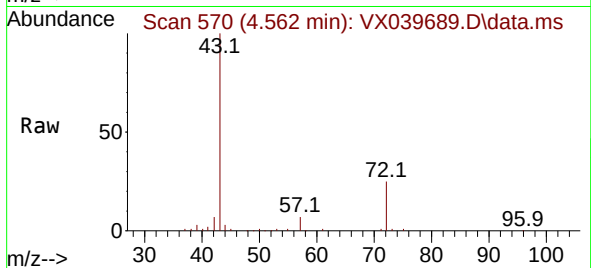




#25
2-Butanone
Concen: 51.776 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

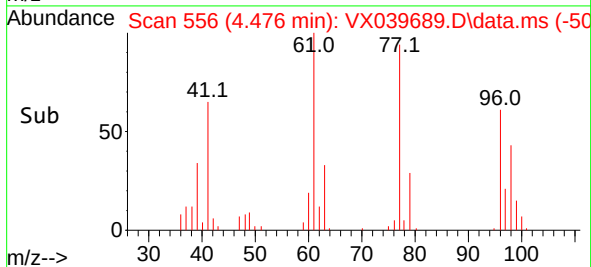
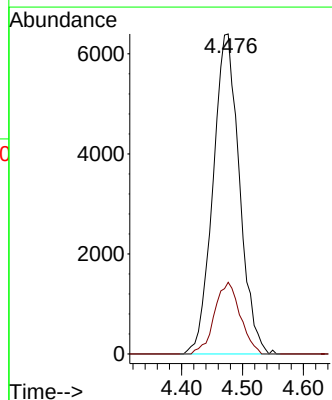
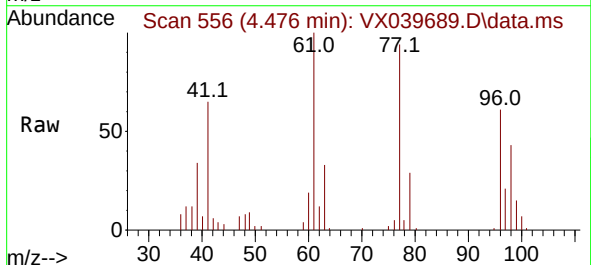
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

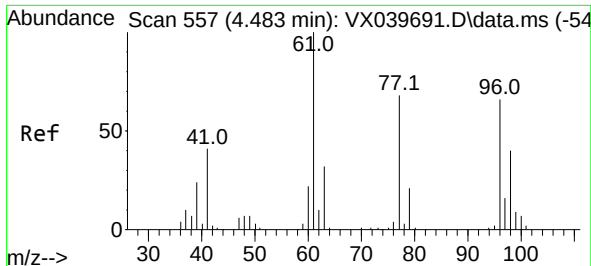
Tgt Ion: 43 Resp: 67806
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 9.754 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 77 Resp: 19284
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 10.103 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

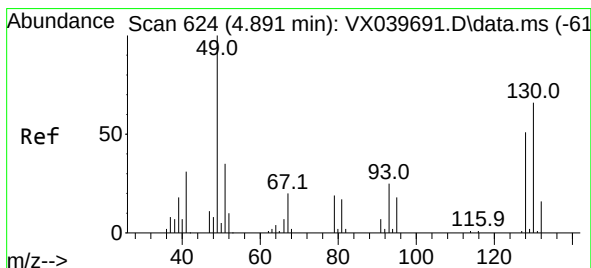
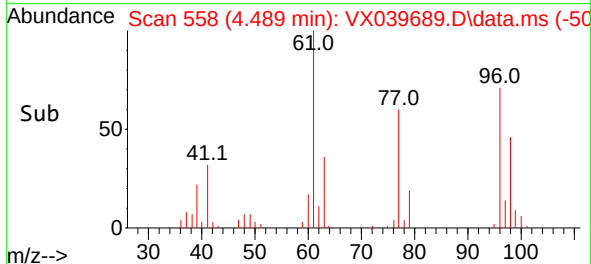
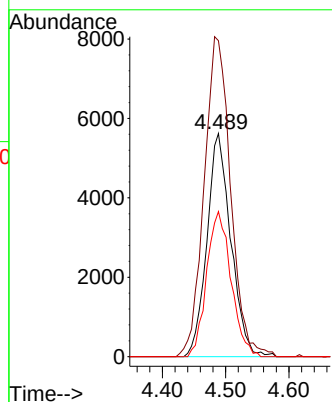
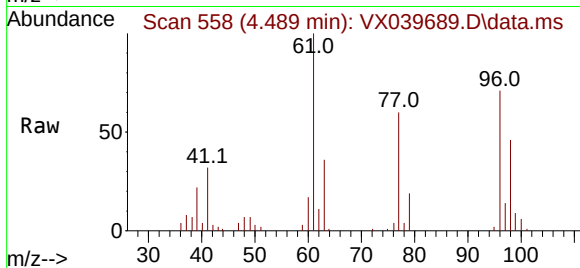
Tgt Ion: 96 Resp: 14797

Ion Ratio Lower Upper

96 100

61 158.5 0.0 312.2

98 66.2 0.0 129.0



#28

Bromochloromethane

Concen: 7.951 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

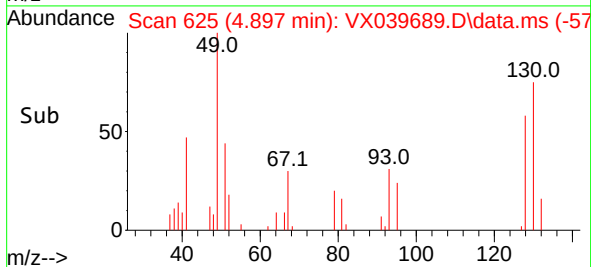
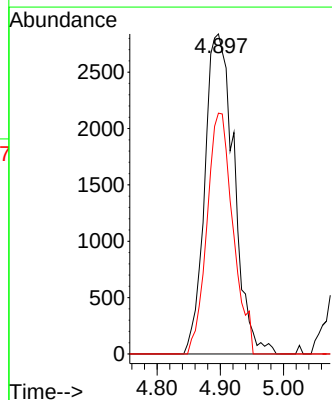
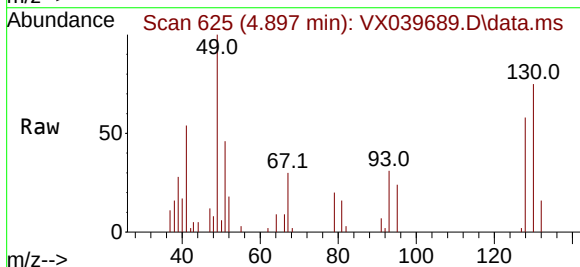
Tgt Ion: 49 Resp: 9127

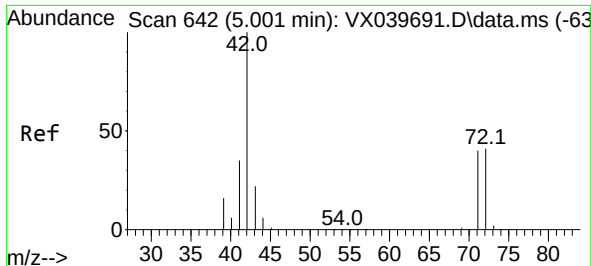
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 66.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 52.753 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

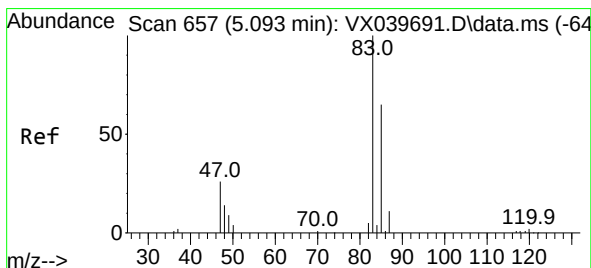
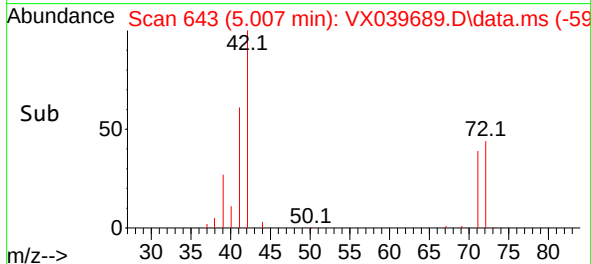
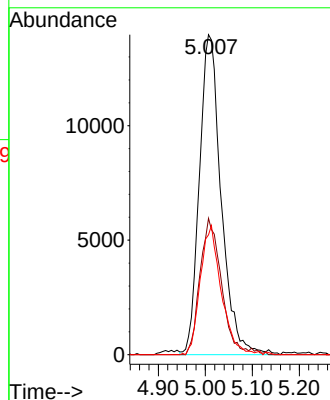
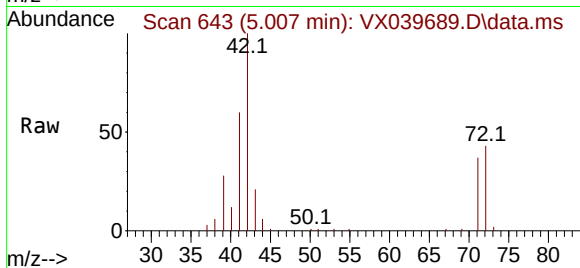
Tgt Ion: 42 Resp: 45049

Ion Ratio Lower Upper

42 100

72 41.4 34.2 51.4

71 39.0 32.2 48.2



#30

Chloroform

Concen: 10.353 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX039689.D

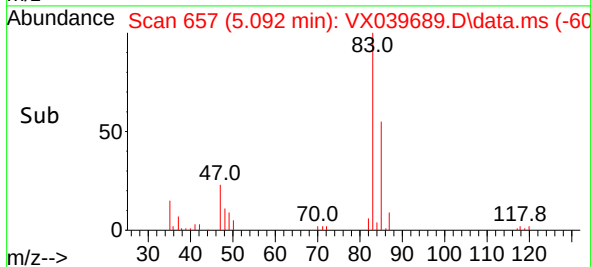
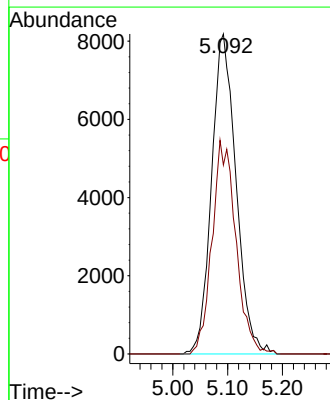
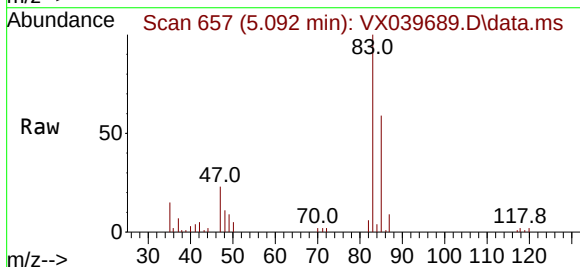
Acq: 09 Jan 2024 19:08

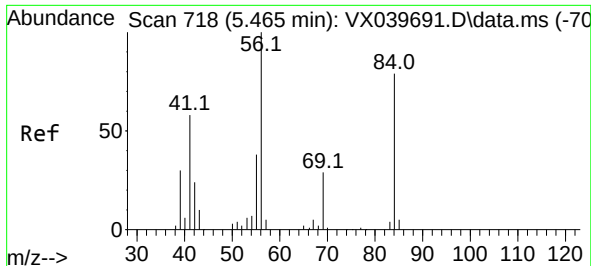
Tgt Ion: 83 Resp: 25340

Ion Ratio Lower Upper

83 100

85 59.0 50.3 75.5

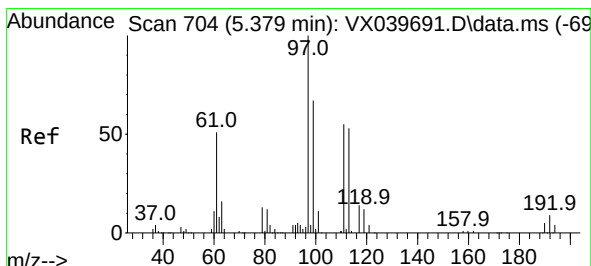
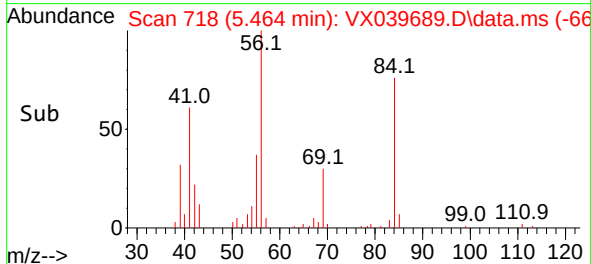
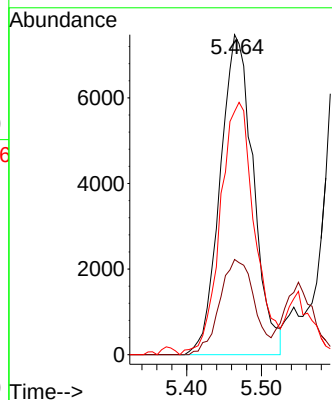
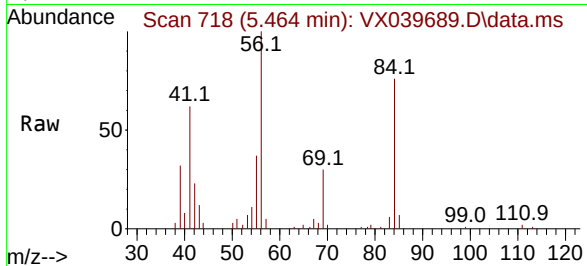




#31
Cyclohexane
Concen: 10.227 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

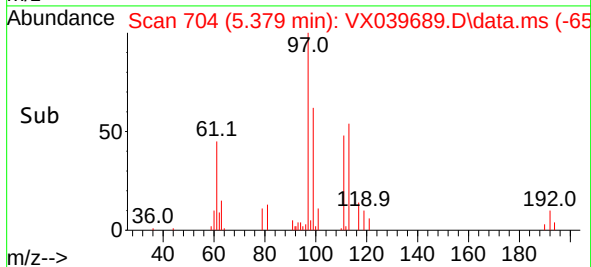
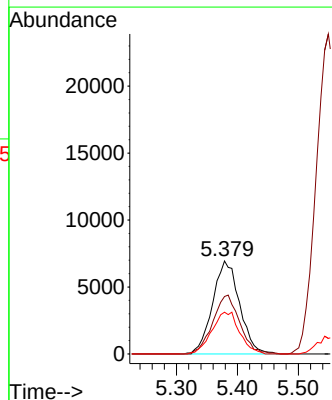
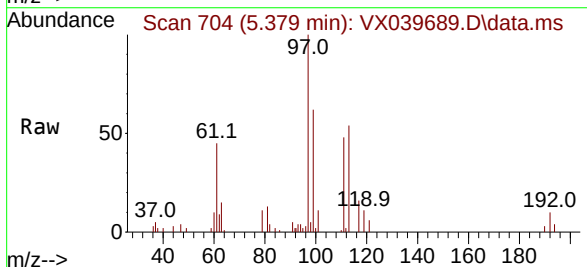
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

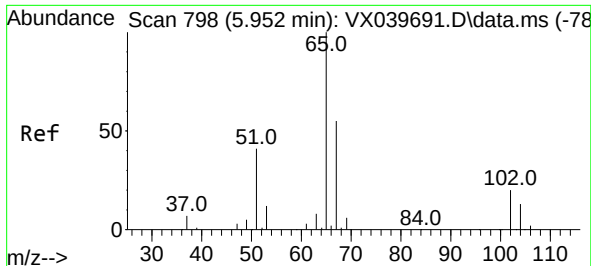
Tgt Ion: 56 Resp: 23093
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 76.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 10.236 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 97 Resp: 21306
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 9.373 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

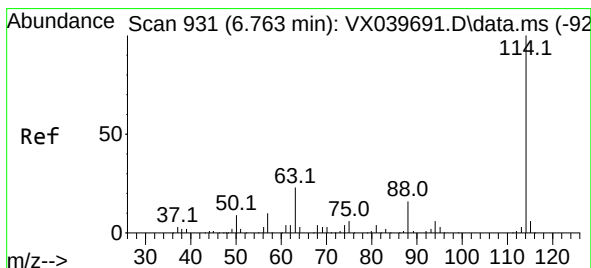
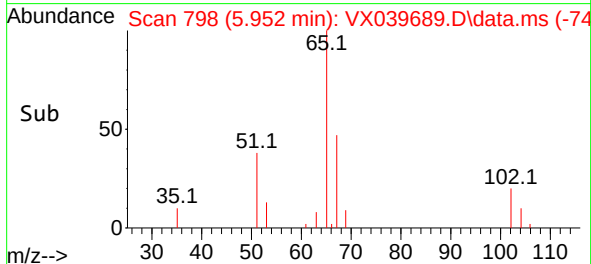
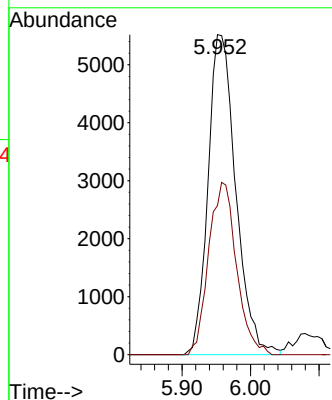
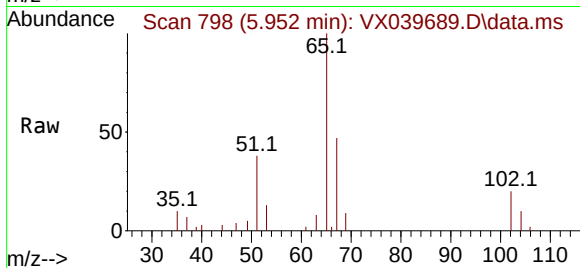
VSTDIC010

Tgt Ion: 65 Resp: 15560

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

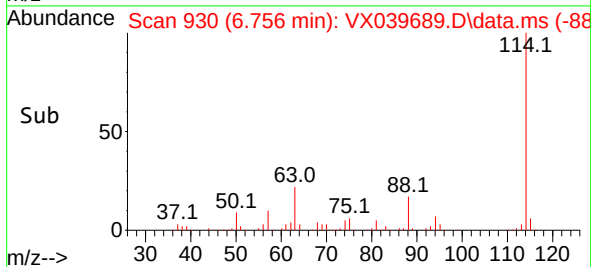
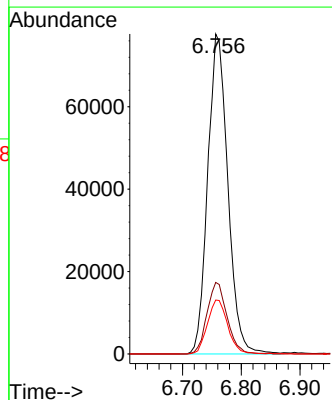
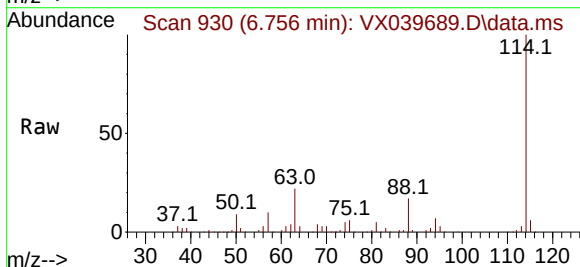
Tgt Ion: 114 Resp: 184714

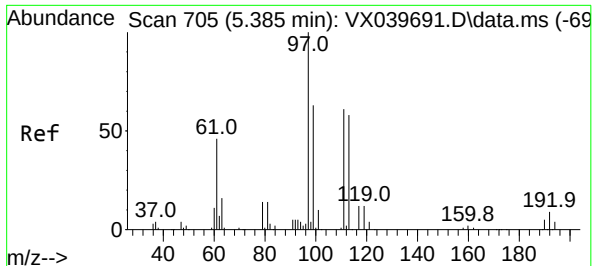
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 9.533 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

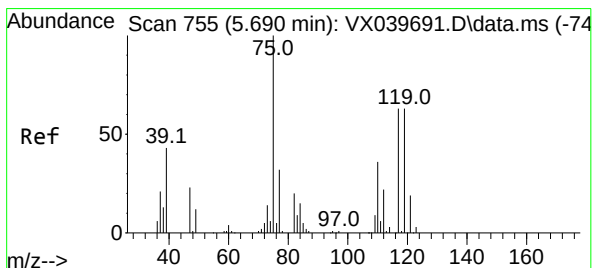
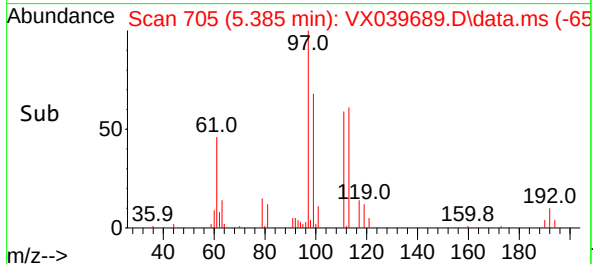
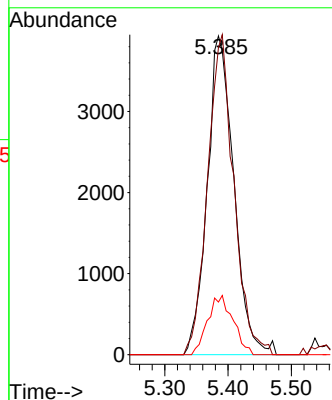
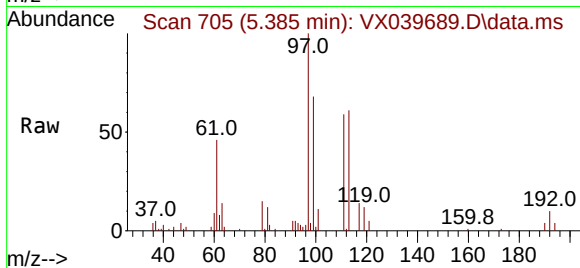
Tgt Ion:113 Resp: 11506

Ion Ratio Lower Upper

113 100

111 98.8 82.9 124.3

192 17.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 9.804 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

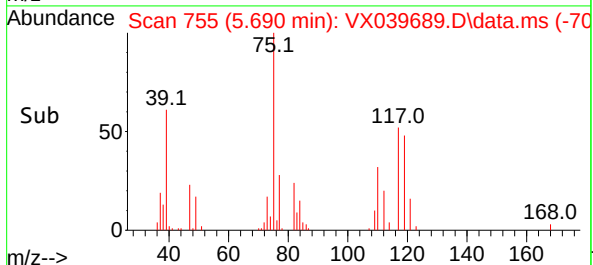
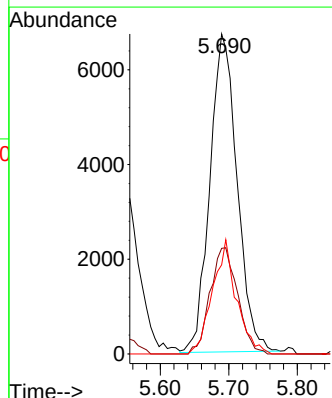
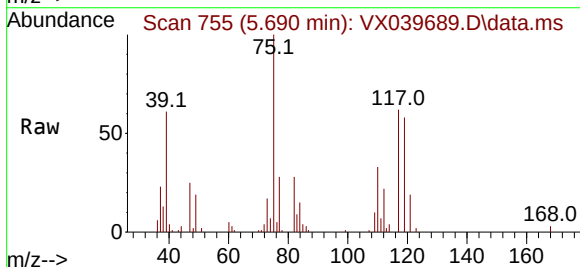
Tgt Ion: 75 Resp: 18509

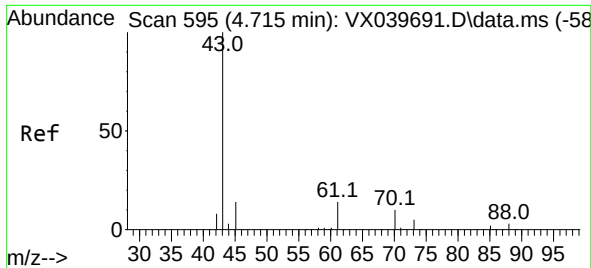
Ion Ratio Lower Upper

75 100

110 33.8 17.0 50.9

77 31.6 24.7 37.1

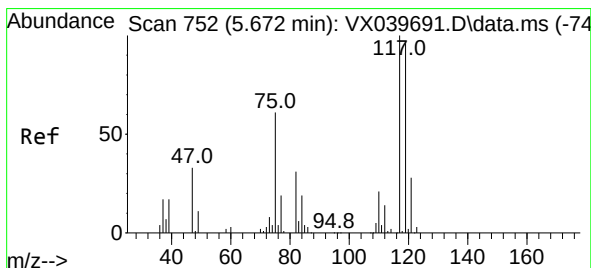
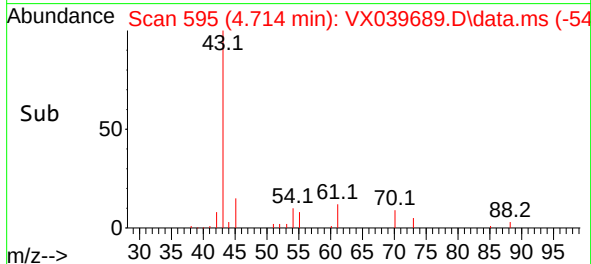
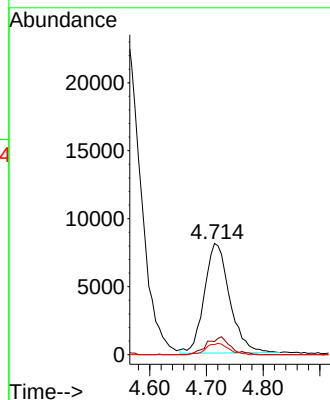
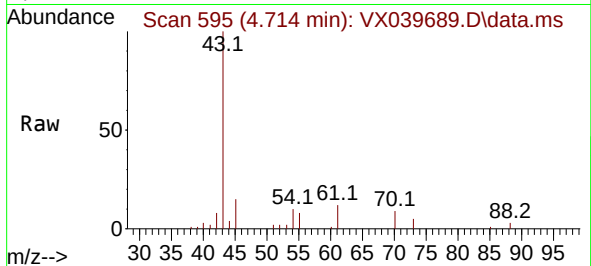




#37
Ethyl Acetate
Concen: 10.143 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

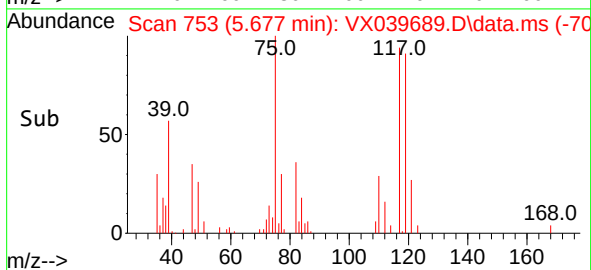
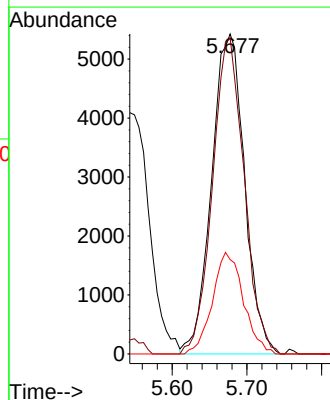
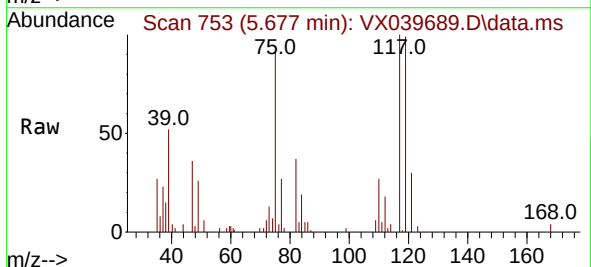
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

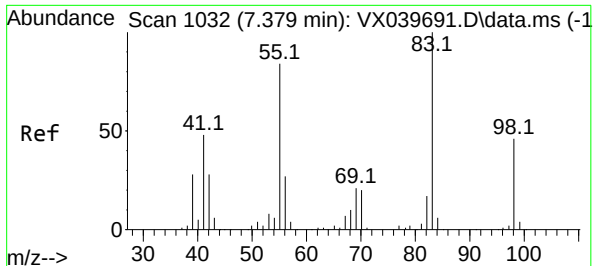
Tgt Ion:	43	Resp:	24999
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	16.0
70	9.2	8.3	12.5



#38
Carbon Tetrachloride
Concen: 9.357 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion:	117	Resp:	16634
Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.2	117.2
121	29.5	24.4	36.6





#39

Methylcyclohexane

Concen: 9.968 ug/l

RT: 7.378 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

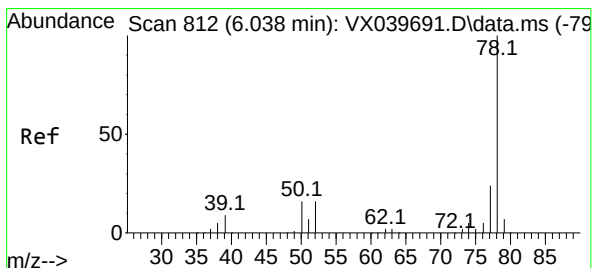
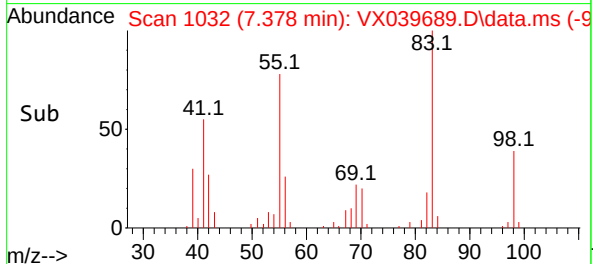
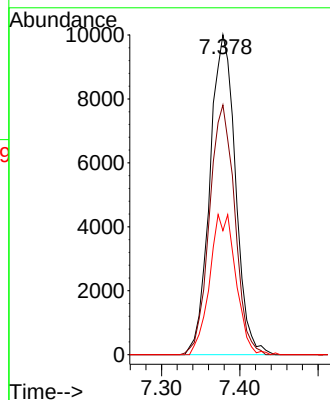
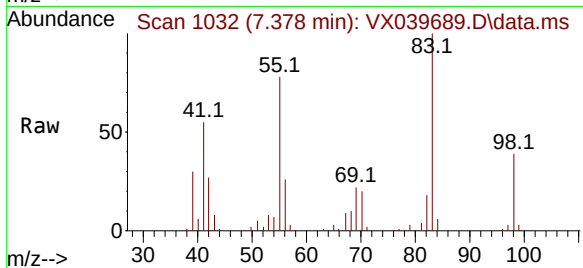
Tgt Ion: 83 Resp: 22692

Ion Ratio Lower Upper

83 100

55 78.0 64.6 97.0

98 38.7 36.7 55.1



#40

Benzene

Concen: 10.409 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX039689.D

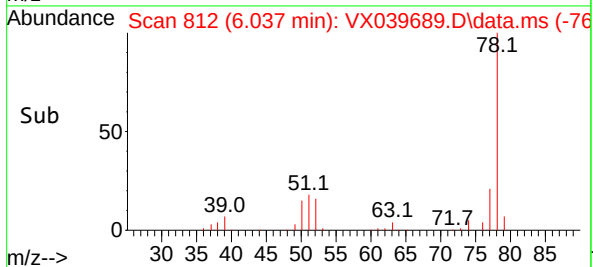
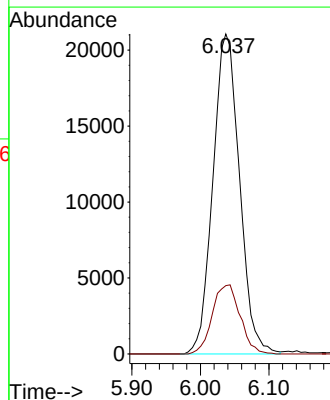
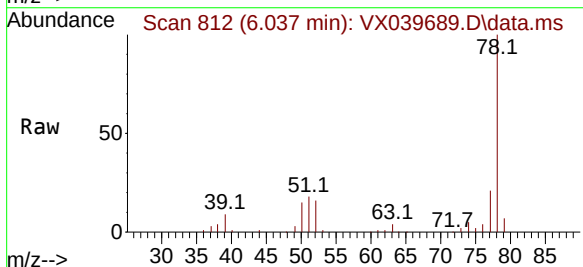
Acq: 09 Jan 2024 19:08

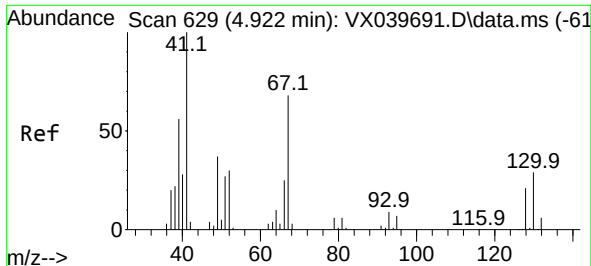
Tgt Ion: 78 Resp: 56733

Ion Ratio Lower Upper

78 100

77 21.3 19.3 28.9

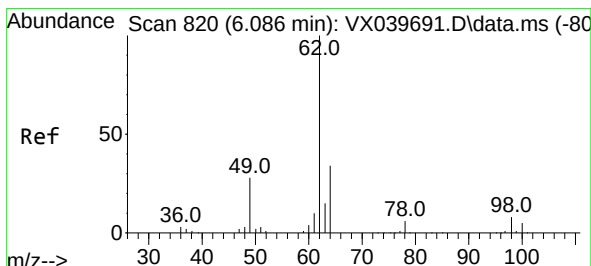
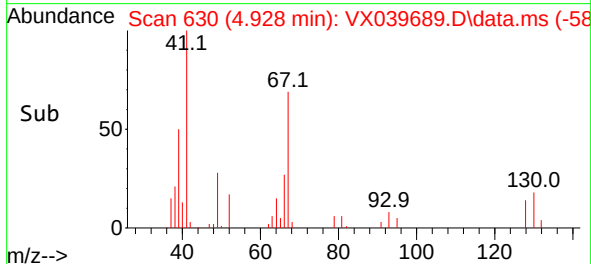
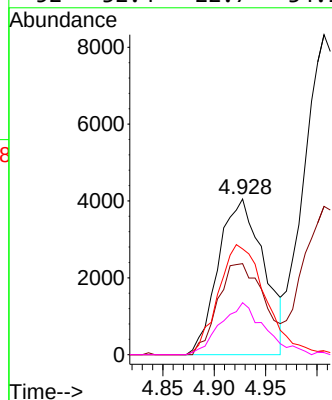
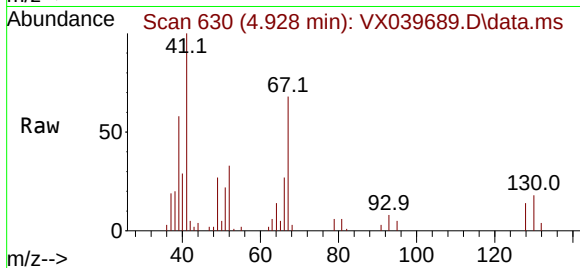




#41
Methacrylonitrile
Concen: 9.987 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

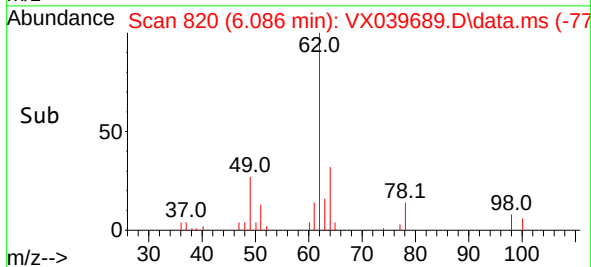
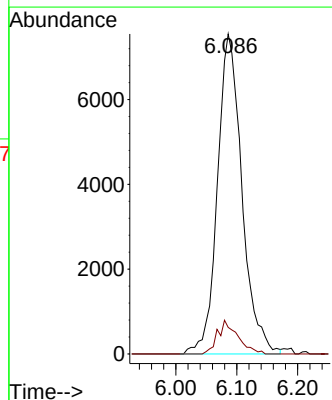
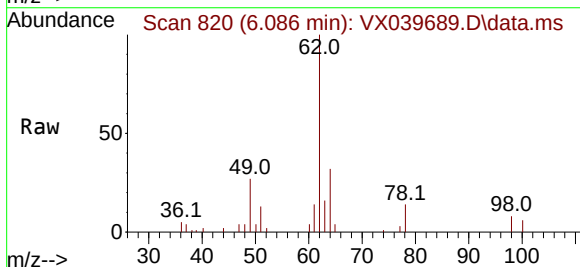
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

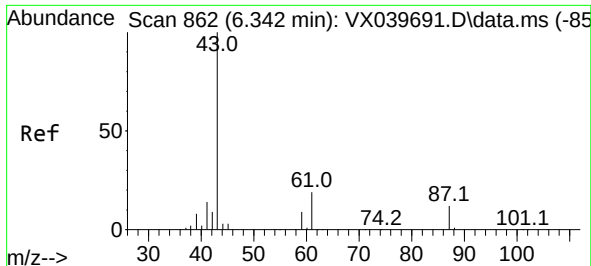
Tgt Ion: 41	Resp: 12448
Ion Ratio	Lower Upper
41 100	
39 59.5	45.2 67.8
67 73.4	52.6 78.8
52 32.4	22.7 34.1



#42
1,2-Dichloroethane
Concen: 10.007 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 62	Resp: 21100
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 16.0





#43

Isopropyl Acetate

Concen: 9.956 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

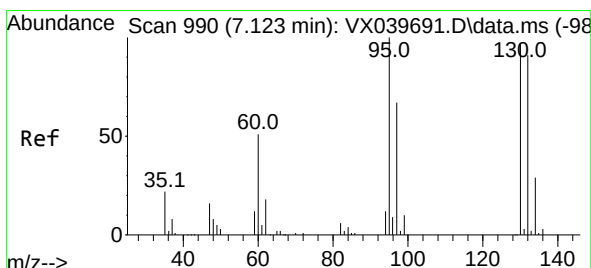
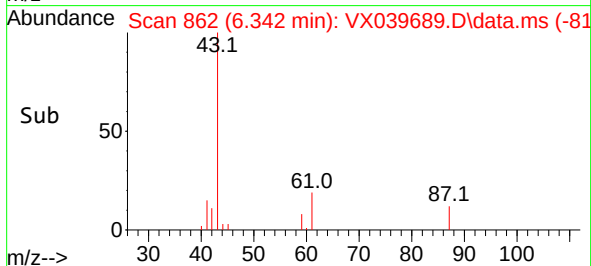
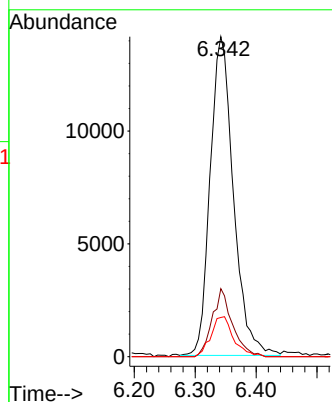
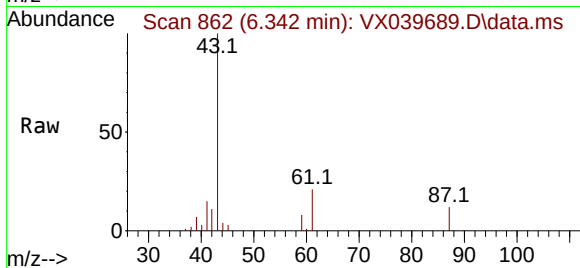
Tgt Ion: 43 Resp: 37550

Ion Ratio Lower Upper

43 100

61 18.4 15.2 22.8

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 9.929 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX039689.D

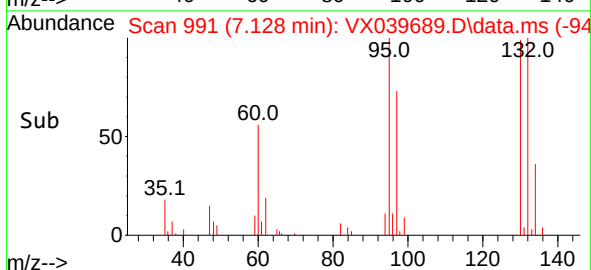
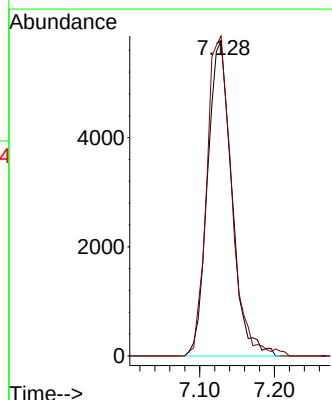
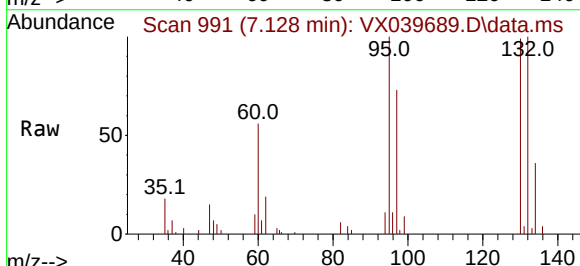
Acq: 09 Jan 2024 19:08

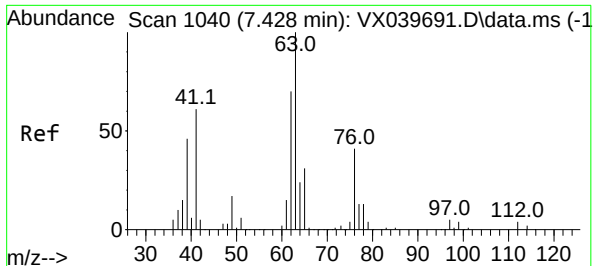
Tgt Ion:130 Resp: 13003

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 9.902 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

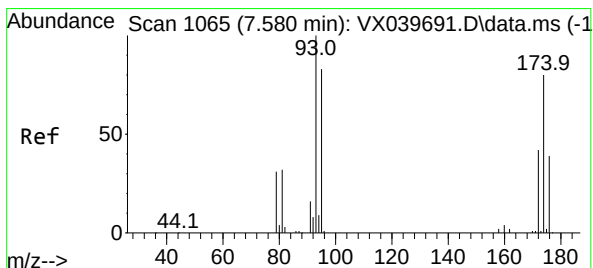
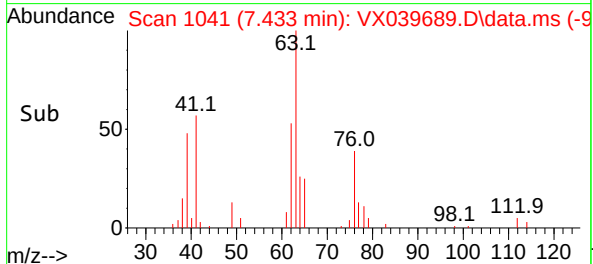
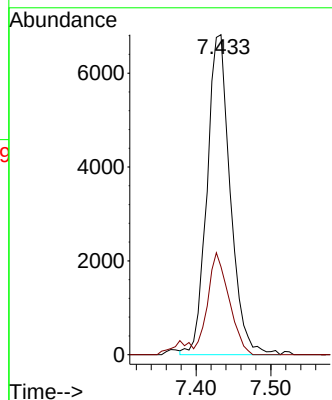
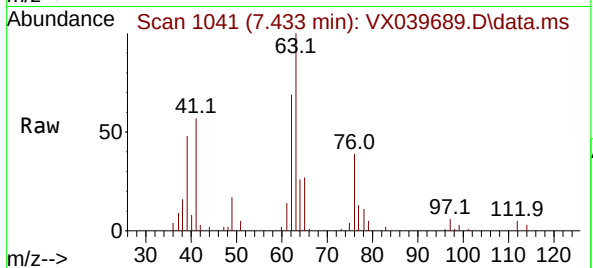
VSTDIC010

Tgt Ion: 63 Resp: 14720

Ion Ratio Lower Upper

63 100

65 27.5 24.3 36.5



#46

Dibromomethane

Concen: 10.133 ug/l

RT: 7.579 min Scan# 1065

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

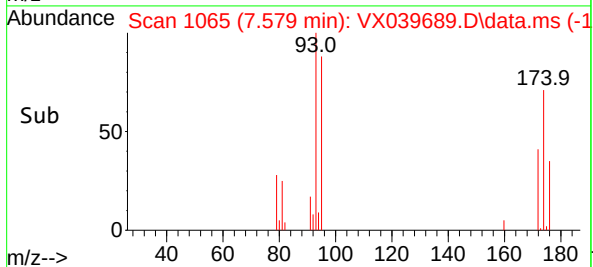
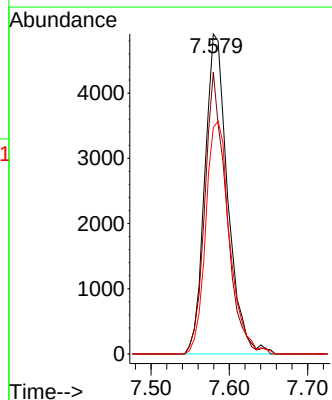
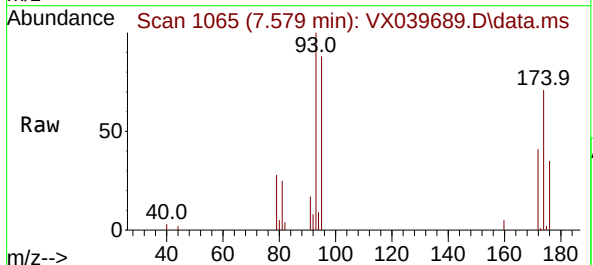
Tgt Ion: 93 Resp: 9987

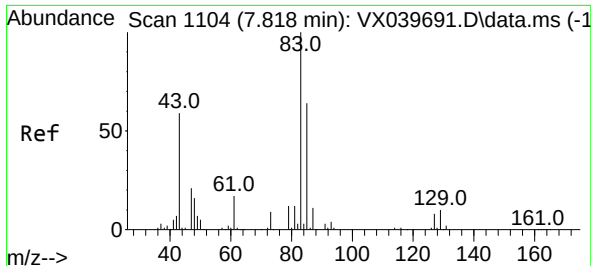
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 76.2 69.4 104.0

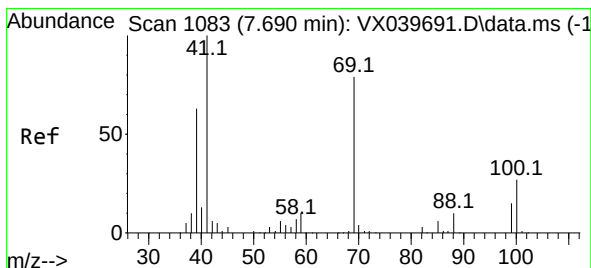
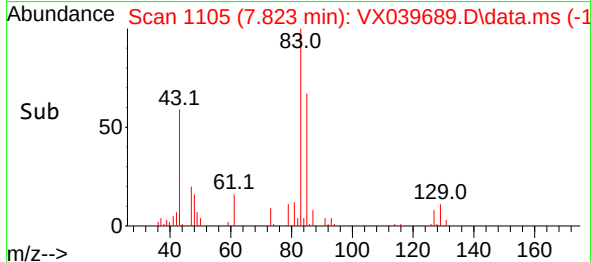
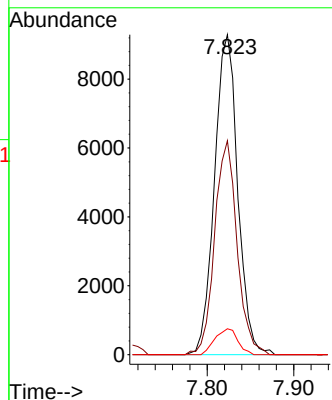
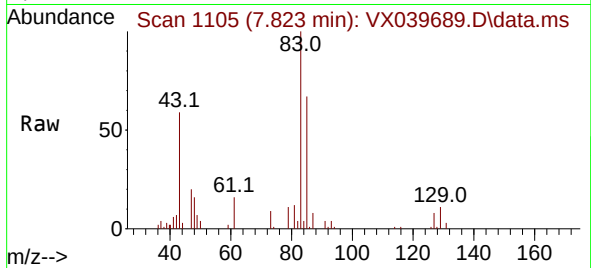




#47
Bromodichloromethane
Concen: 9.520 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

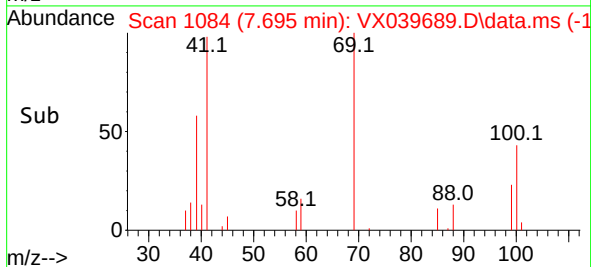
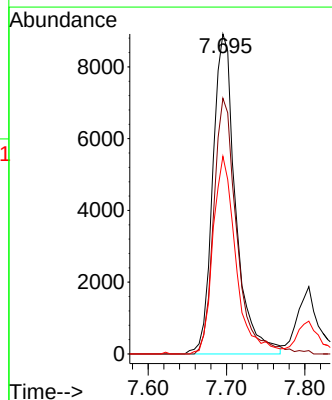
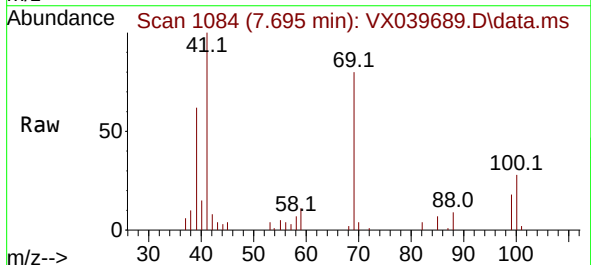
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

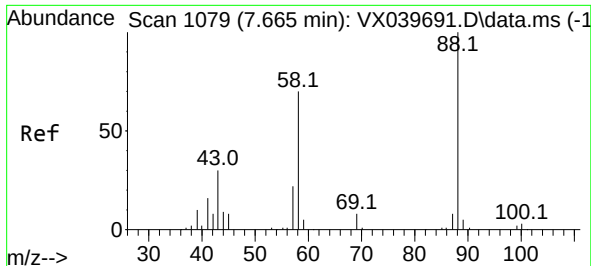
Tgt Ion: 83	Resp:	17298	
Ion Ratio	Lower	Upper	
83	100		
85	66.8	49.8	74.6
127	8.1	7.1	10.7



#48
Methyl methacrylate
Concen: 10.152 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 41	Resp:	18117	
Ion Ratio	Lower	Upper	
41	100		
69	80.7	59.2	88.8
39	61.9	47.7	71.5

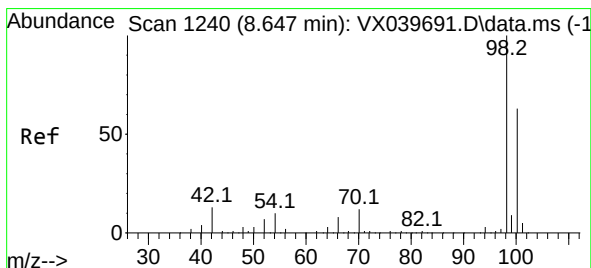
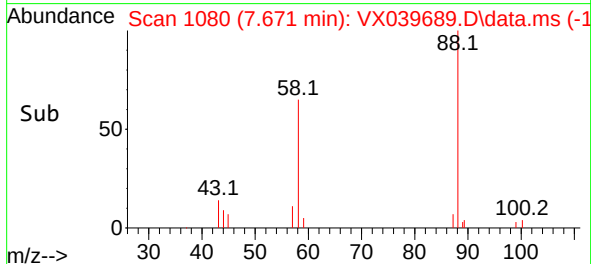
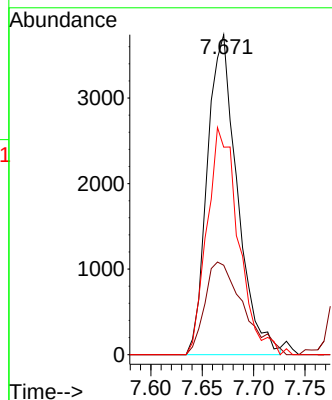
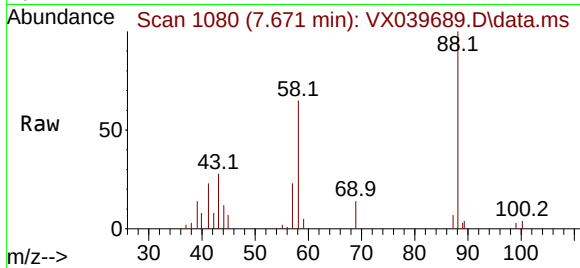




#49
1,4-Dioxane
Concen: 208.506 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

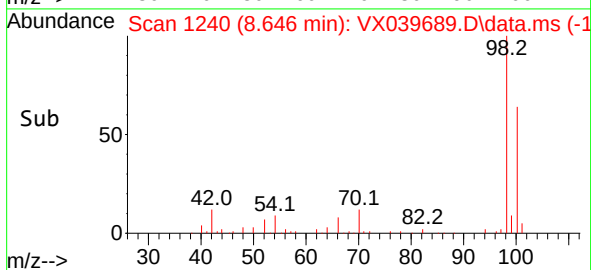
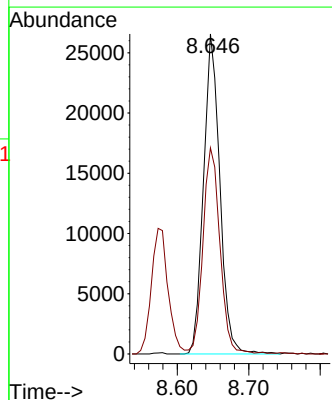
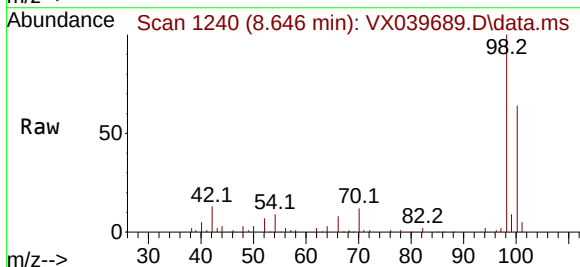
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

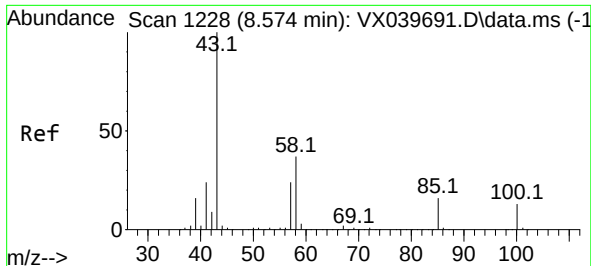
Tgt Ion: 88 Resp: 7569
Ion Ratio Lower Upper
88 100
43 37.3 0.0 0.0#
58 75.0 60.1 90.1



#50
Toluene-d8
Concen: 9.221 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 98 Resp: 42163
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 52.663 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

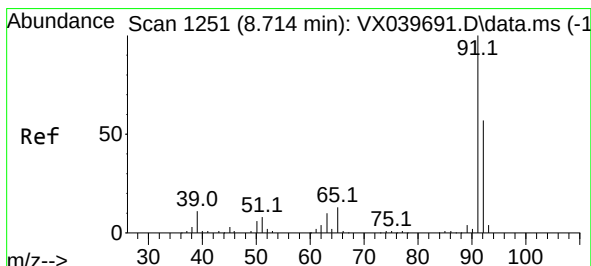
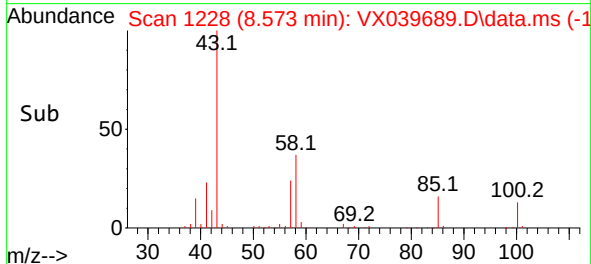
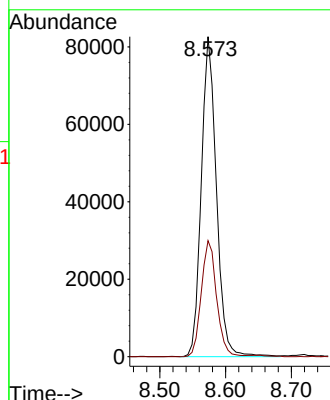
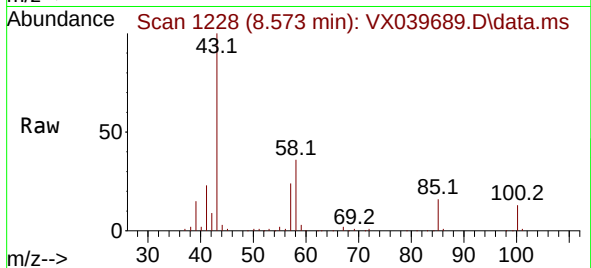
VSTDIC010

Tgt Ion: 43 Resp: 132218

Ion Ratio Lower Upper

43 100

58 36.7 30.4 45.6



#52

Toluene

Concen: 9.966 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039689.D

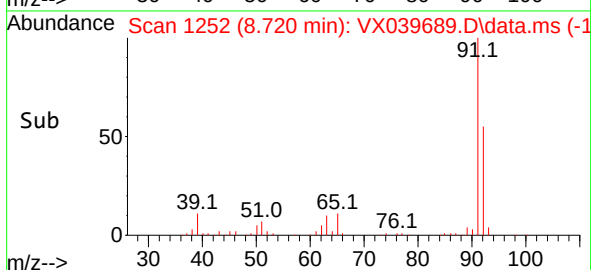
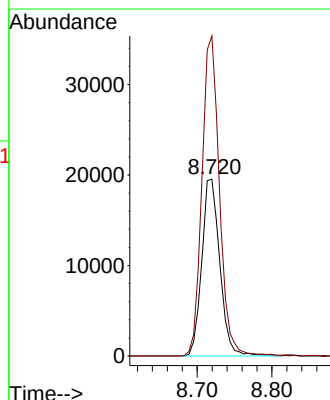
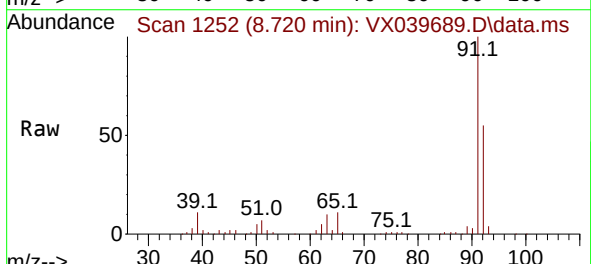
Acq: 09 Jan 2024 19:08

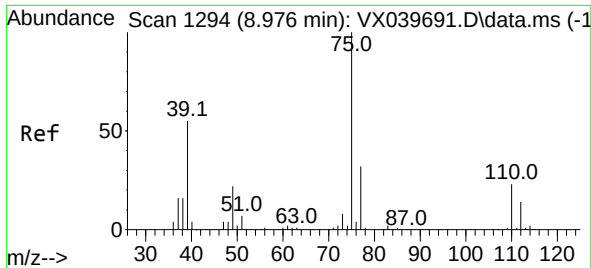
Tgt Ion: 92 Resp: 32750

Ion Ratio Lower Upper

92 100

91 175.6 134.2 201.2

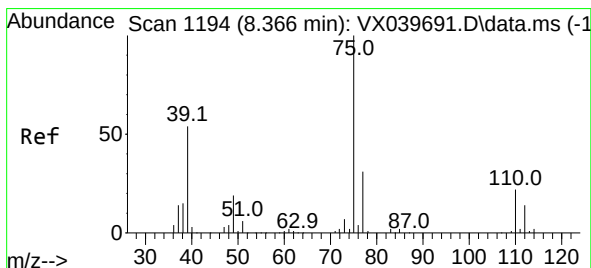
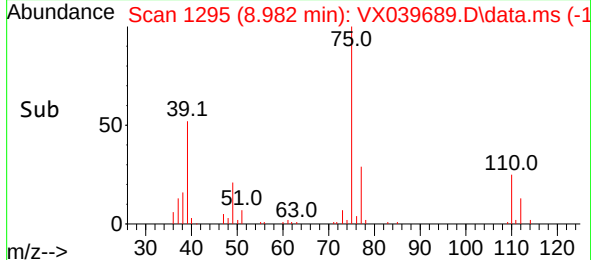
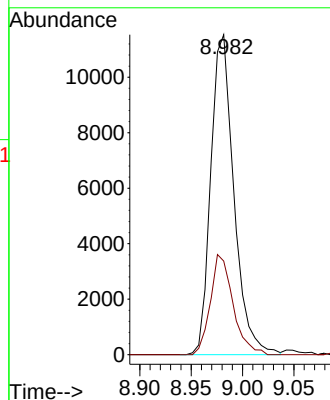
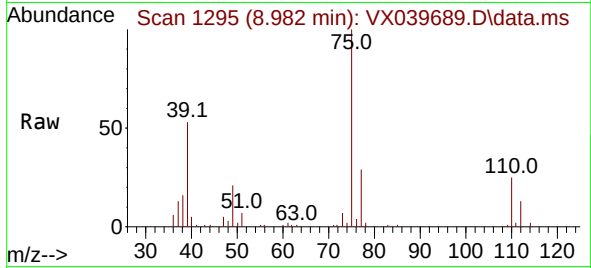




#53
 t-1,3-Dichloropropene
 Concen: 9.109 ug/l
 RT: 8.982 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX039689.D
 Acq: 09 Jan 2024 19:08

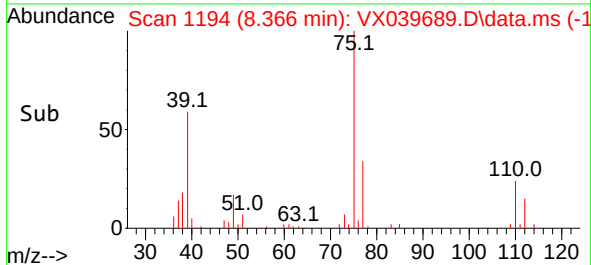
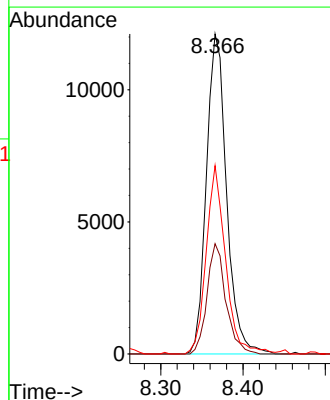
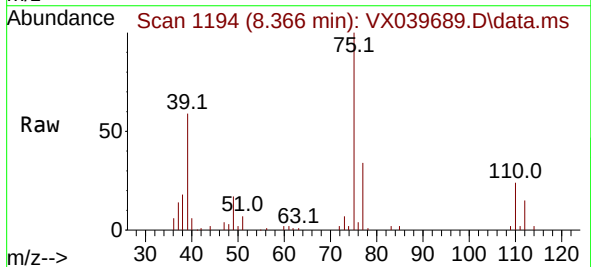
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

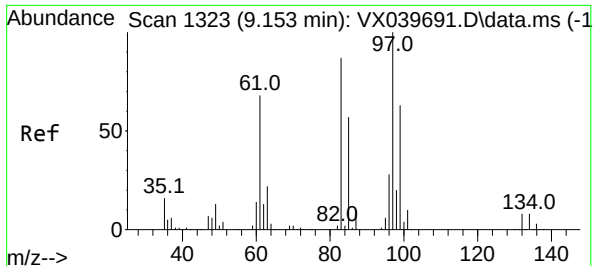
Tgt Ion: 75 Resp: 18032
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 9.610 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.001 min
 Lab File: VX039689.D
 Acq: 09 Jan 2024 19:08

Tgt Ion: 75 Resp: 20650
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9
 39 58.8 46.7 70.1

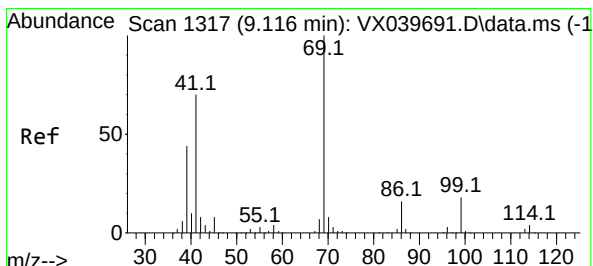
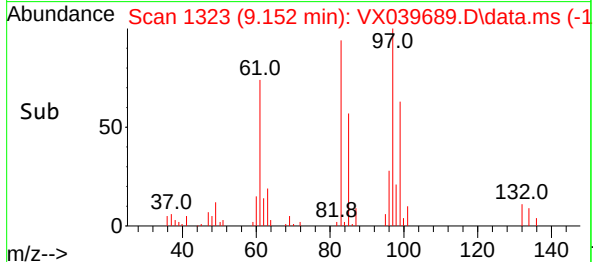
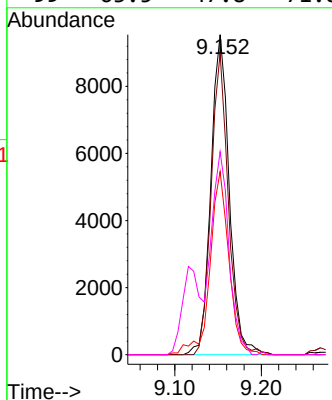
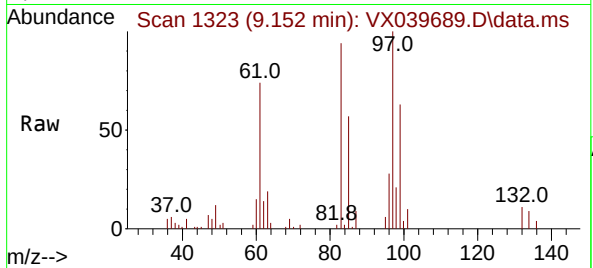




#55
1,1,2-Trichloroethane
Concen: 10.278 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

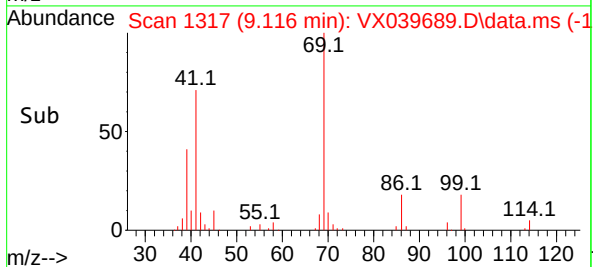
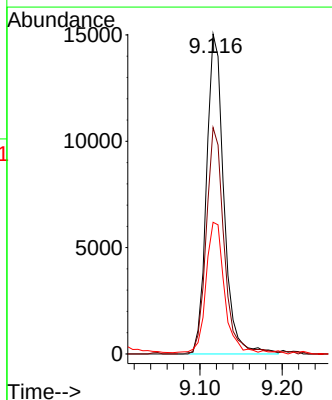
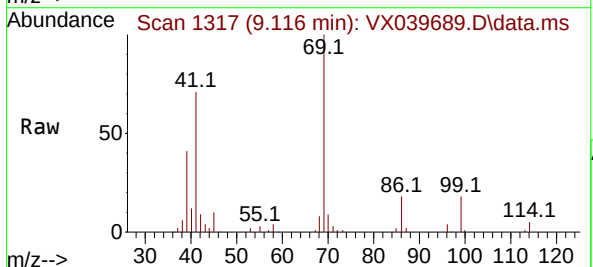
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

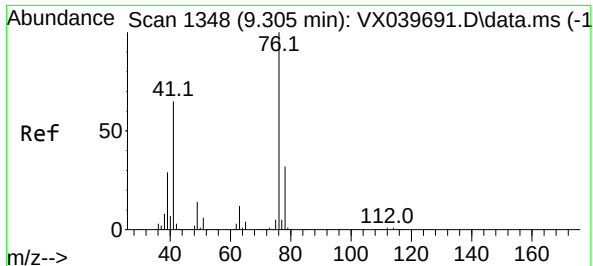
Tgt Ion:	97	Resp:	14113
Ion	Ratio	Lower	Upper
97	100		
83	94.2	65.8	98.8
85	57.2	41.6	62.4
99	63.5	47.8	71.8



#56
Ethyl methacrylate
Concen: 9.977 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion:	69	Resp:	22076
Ion	Ratio	Lower	Upper
69	100		
41	72.6	56.8	85.2
39	45.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 10.343 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

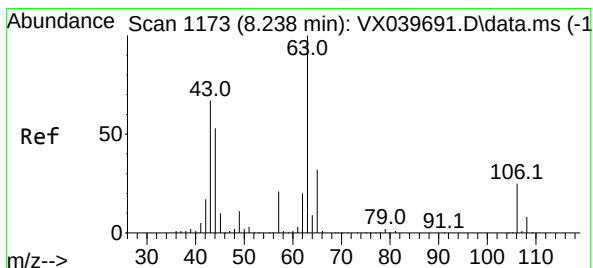
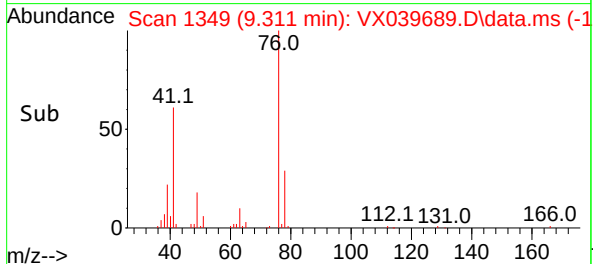
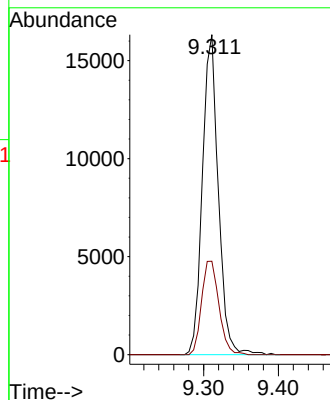
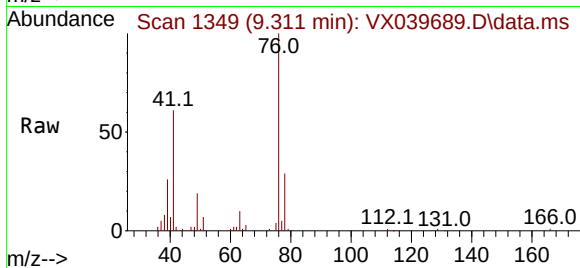
VSTDICC010

Tgt Ion: 76 Resp: 24099

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 40.176 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039689.D

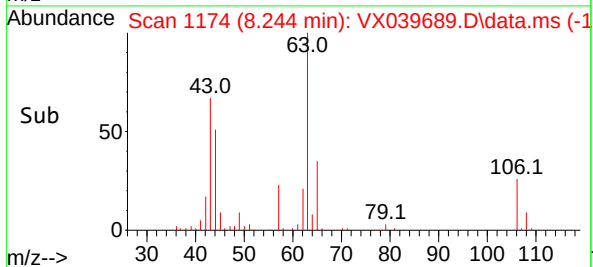
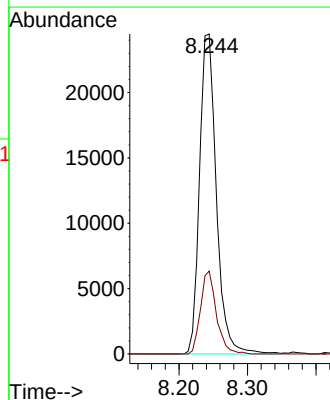
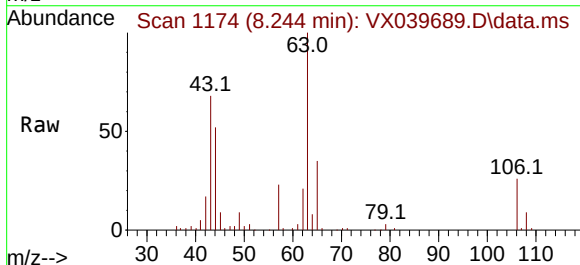
Acq: 09 Jan 2024 19:08

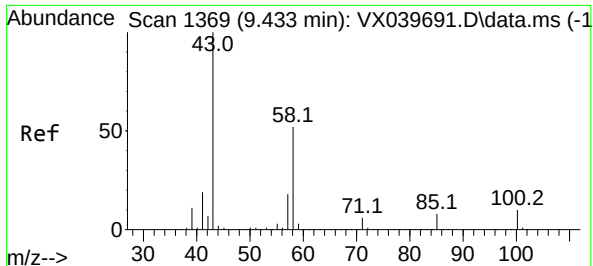
Tgt Ion: 63 Resp: 41895

Ion Ratio Lower Upper

63 100

106 24.4 22.5 33.7

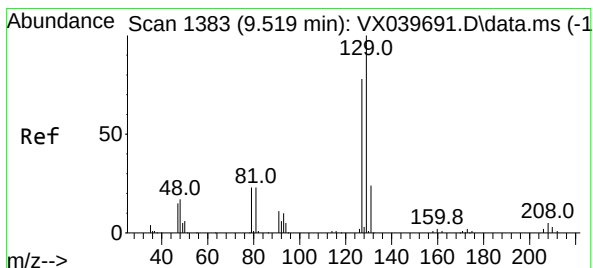
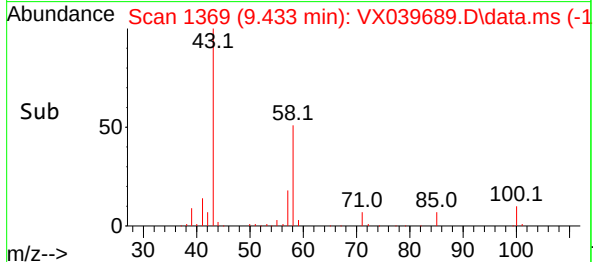
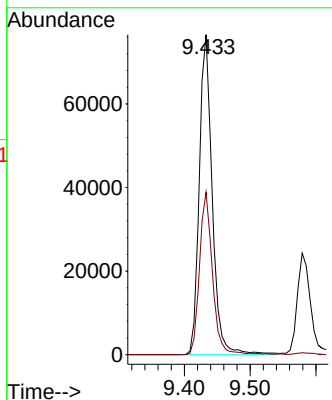
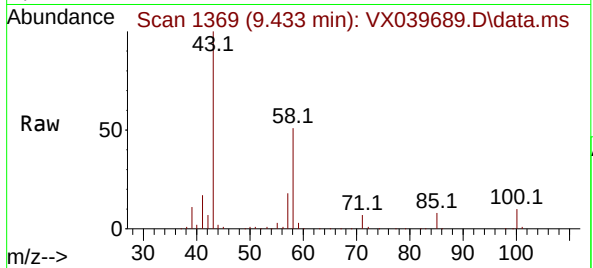




#59
2-Hexanone
Concen: 52.539 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

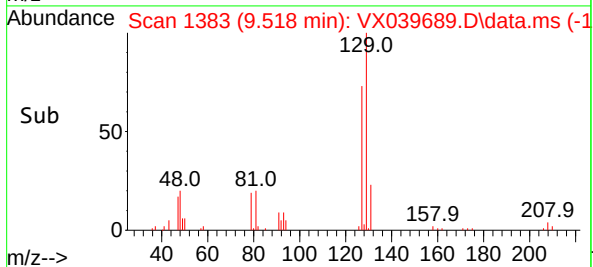
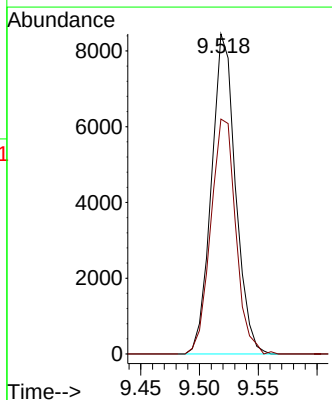
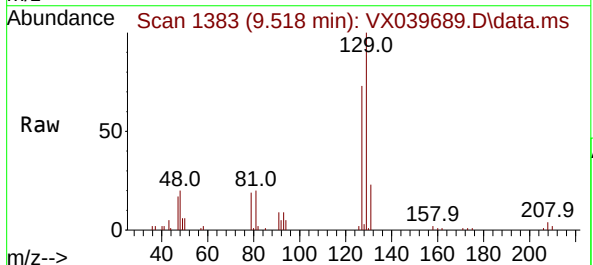
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

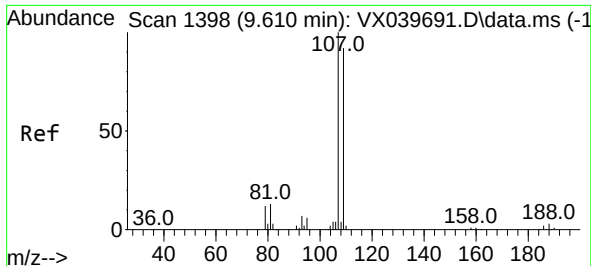
Tgt Ion: 43 Resp: 105188
Ion Ratio Lower Upper
43 100
58 50.7 26.2 78.5



#60
Dibromochloromethane
Concen: 9.672 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion:129 Resp: 12041
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4

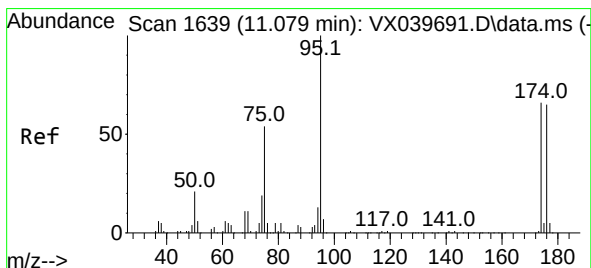
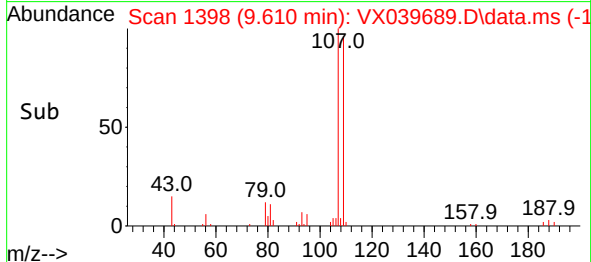
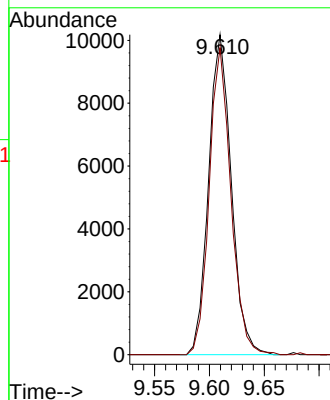
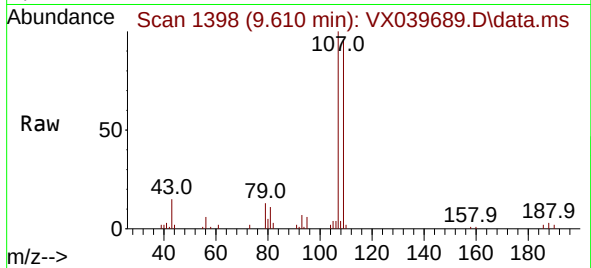




#61
1,2-Dibromoethane
Concen: 10.336 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

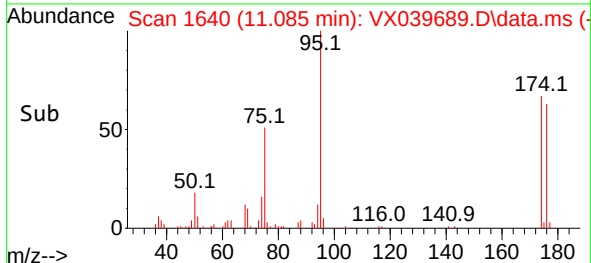
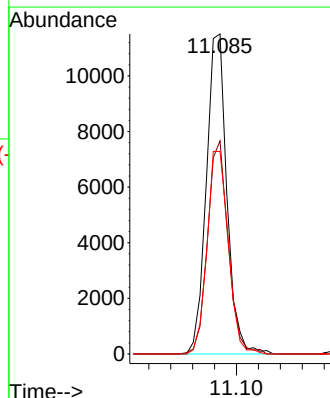
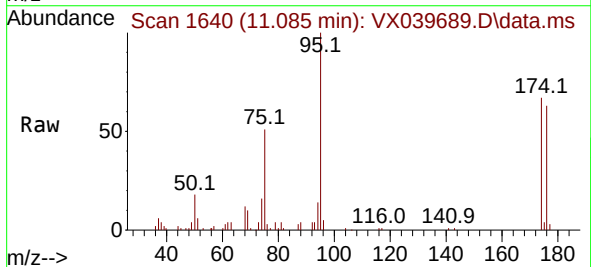
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

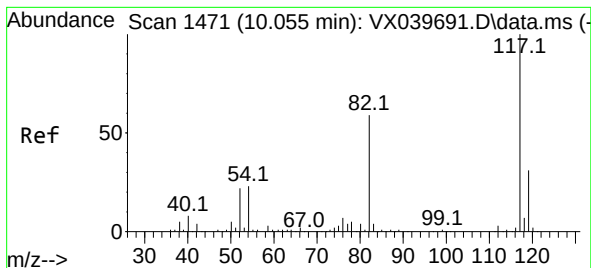
Tgt Ion:107 Resp: 14657
Ion Ratio Lower Upper
107 100
109 91.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 8.735 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 95 Resp: 14956
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 65.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

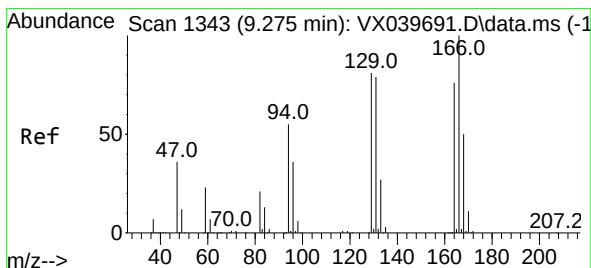
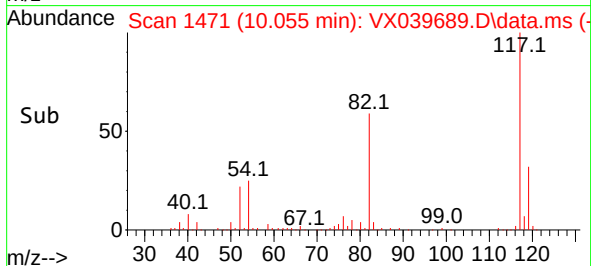
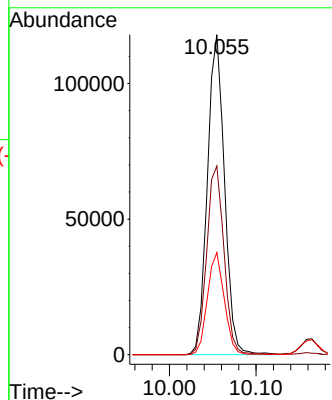
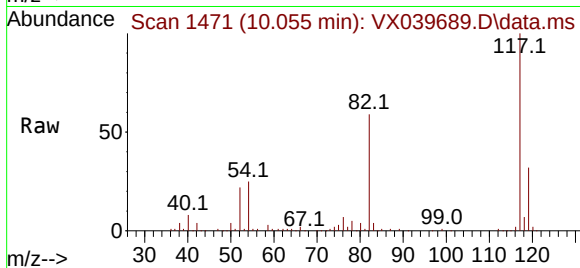
Tgt Ion:117 Resp: 162012

Ion Ratio Lower Upper

117 100

82 59.0 46.2 69.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 10.193 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Tgt Ion:164 Resp: 10428

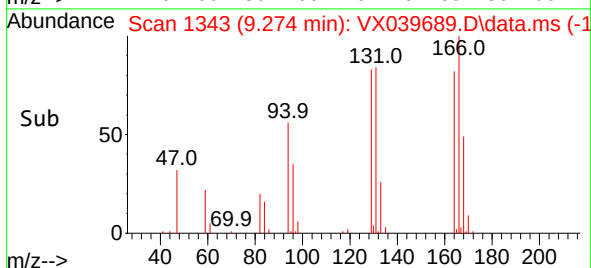
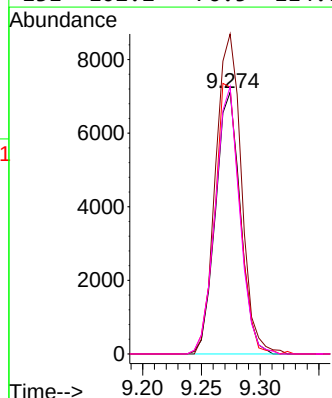
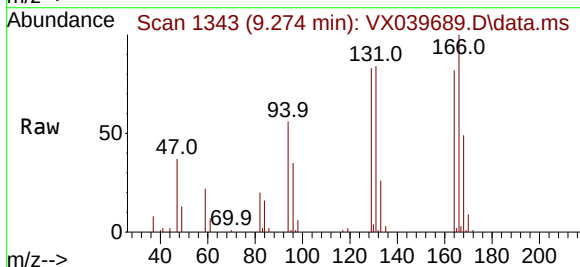
Ion Ratio Lower Upper

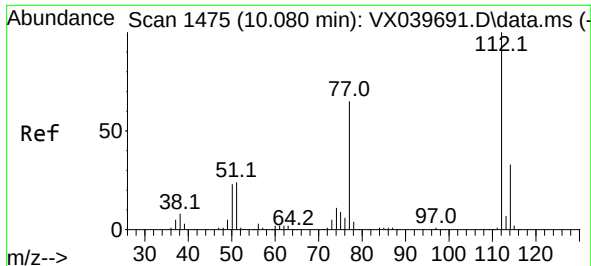
164 100

166 122.3 102.7 154.1

129 102.0 80.4 120.6

131 102.2 76.5 114.7

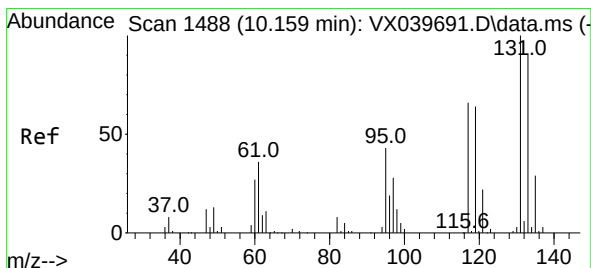
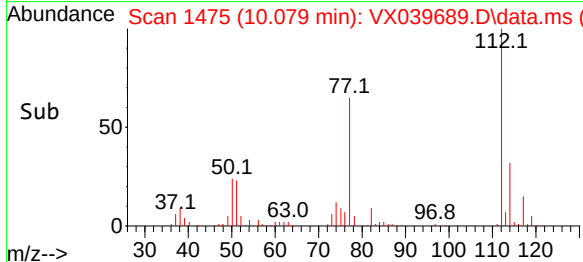
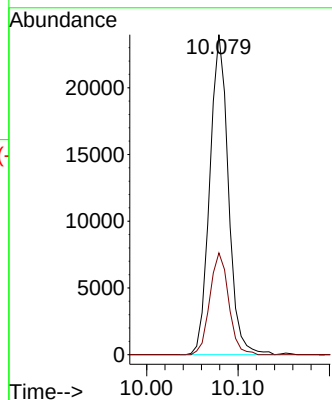
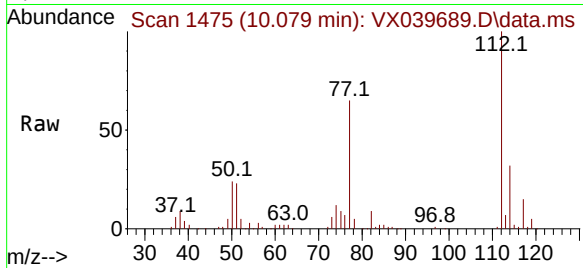




#65
Chlorobenzene
Concen: 10.061 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

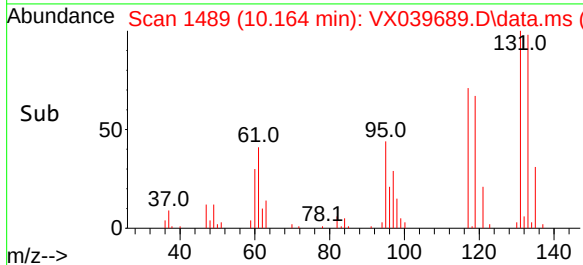
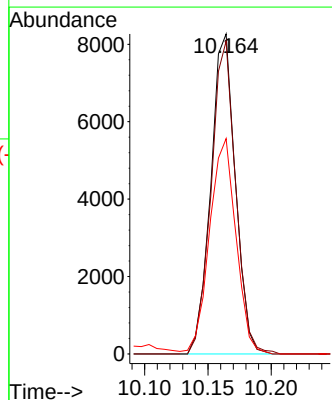
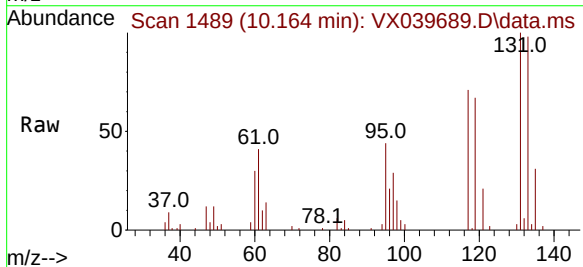
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

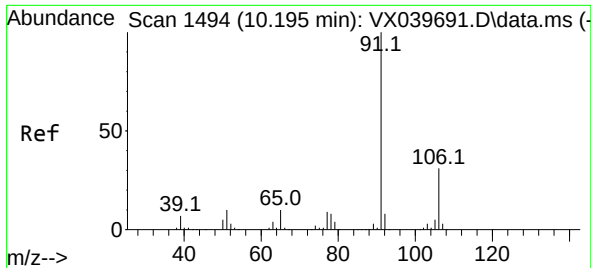
Tgt Ion:112 Resp: 33840
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.478 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion:131 Resp: 11163
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.4
119 72.4 32.2 96.6

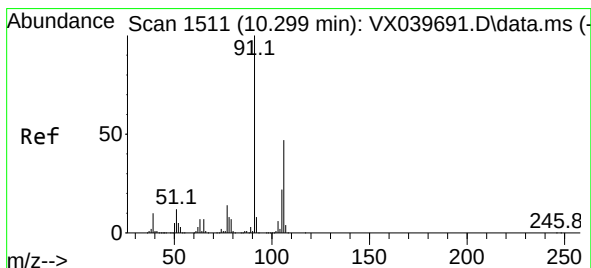
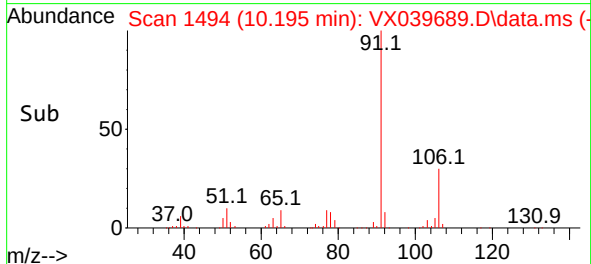
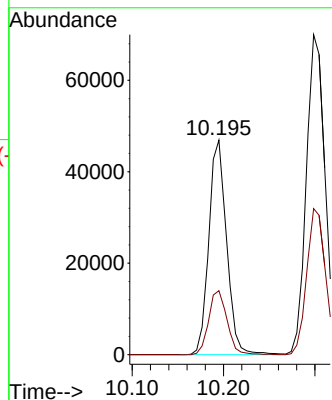
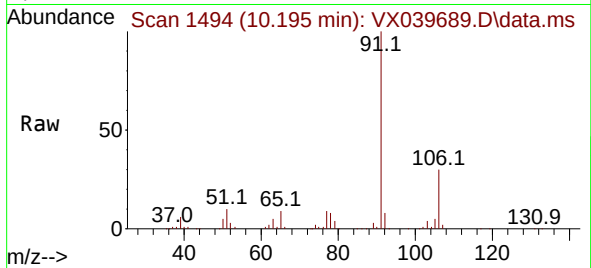




#67
Ethyl Benzene
Concen: 10.162 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

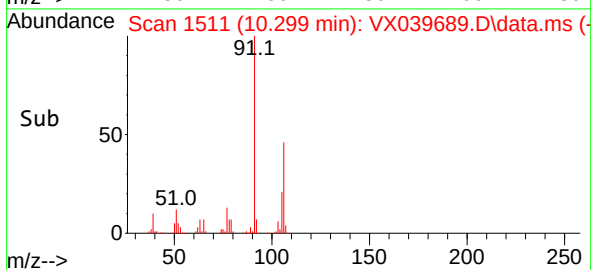
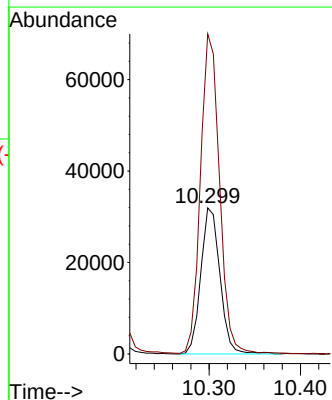
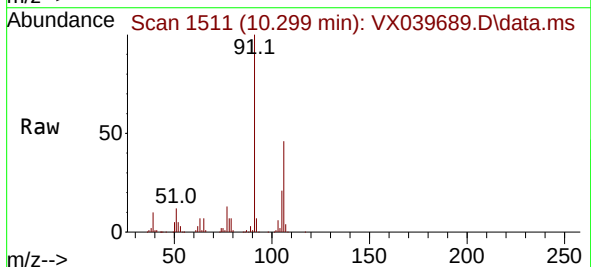
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

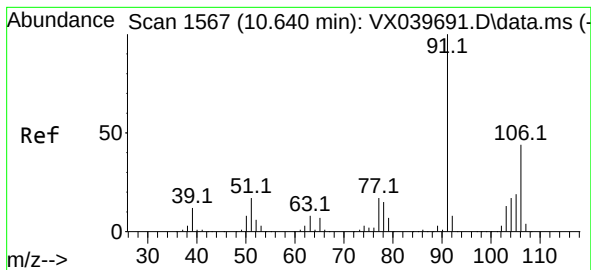
Tgt Ion: 91 Resp: 63341
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 20.248 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 106 Resp: 46512
Ion Ratio Lower Upper
106 100
91 217.9 165.5 248.3





#69

o-Xylene

Concen: 10.435 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

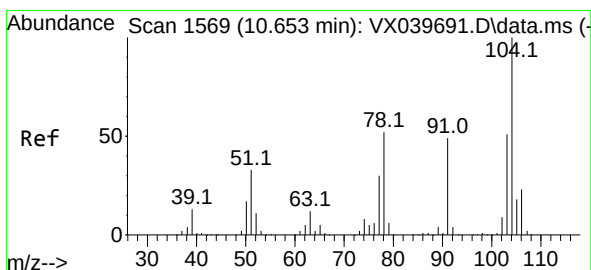
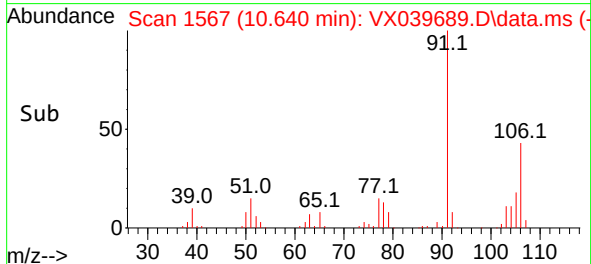
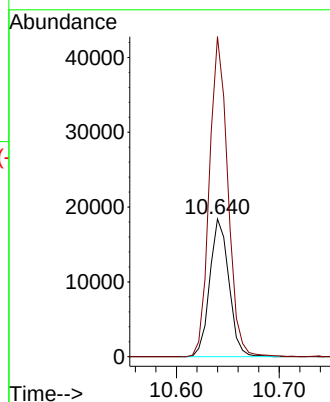
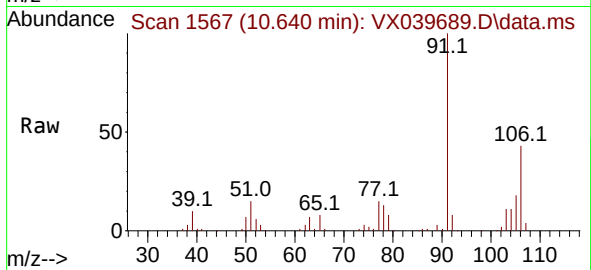
VSTDIC010

Tgt Ion:106 Resp: 23787

Ion Ratio Lower Upper

106 100

91 224.3 108.9 326.8



#70

Styrene

Concen: 10.085 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

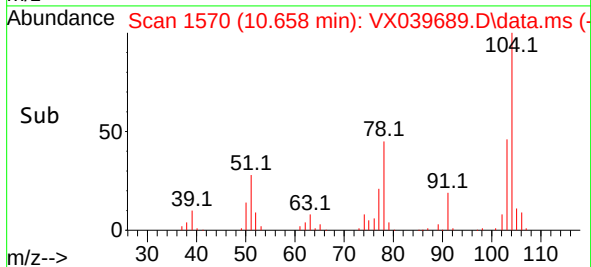
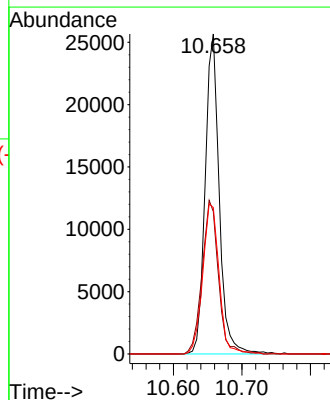
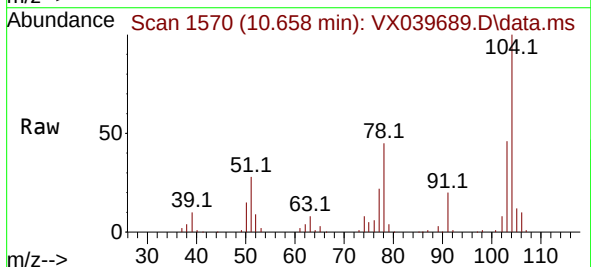
Tgt Ion:104 Resp: 36697

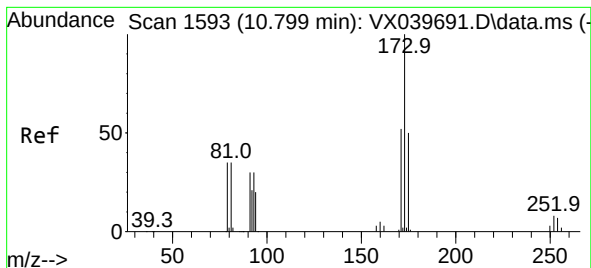
Ion Ratio Lower Upper

104 100

78 55.6 43.6 65.4

103 54.6 43.6 65.4





#71

Bromoform

Concen: 8.794 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

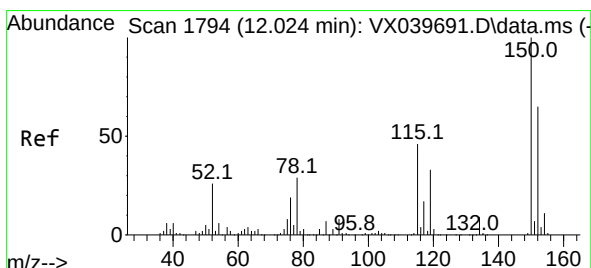
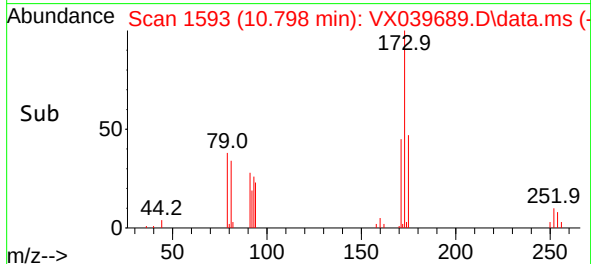
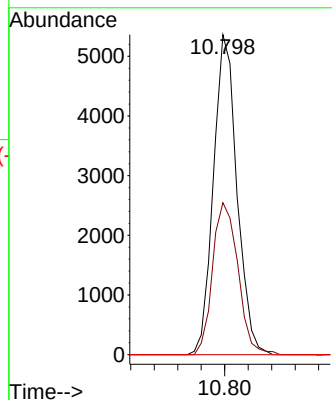
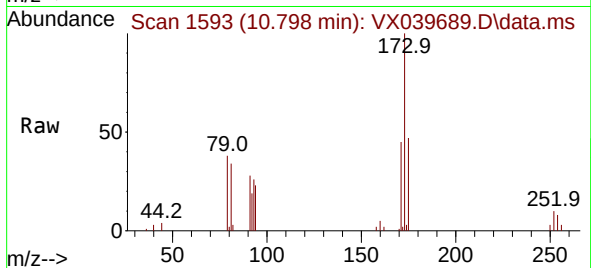
Tgt Ion:173 Resp: 7469

Ion Ratio Lower Upper

173 100

175 51.1 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: VX039689.D

Acq: 09 Jan 2024 19:08

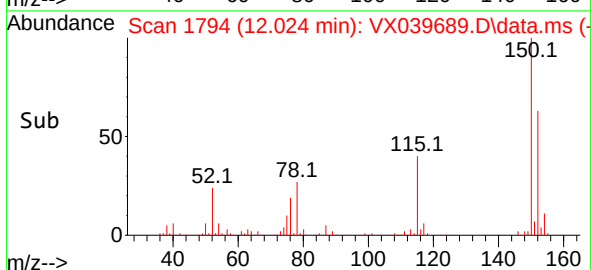
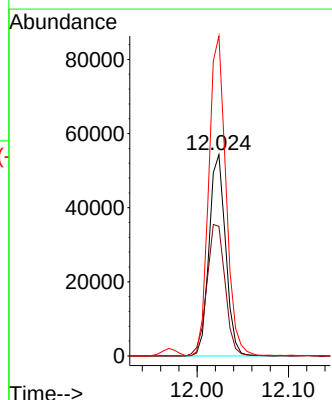
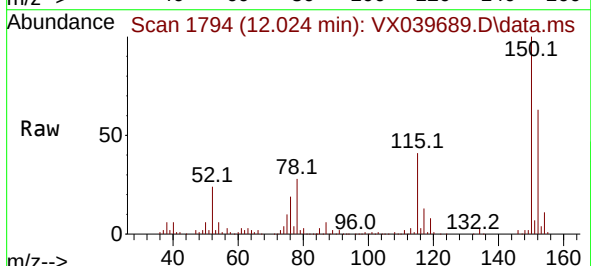
Tgt Ion:152 Resp: 68303

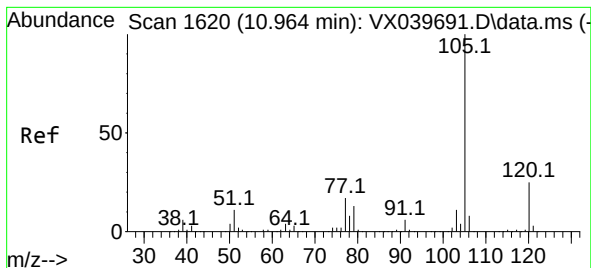
Ion Ratio Lower Upper

152 100

115 72.2 43.3 129.9

150 164.5 0.0 345.0





#73

Isopropylbenzene

Concen: 10.687 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

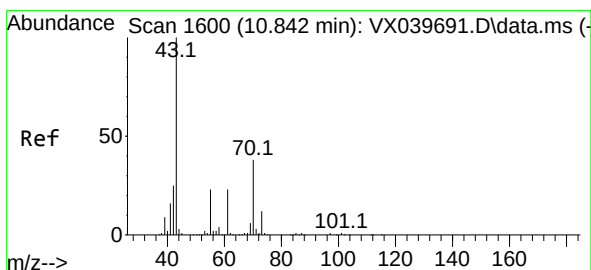
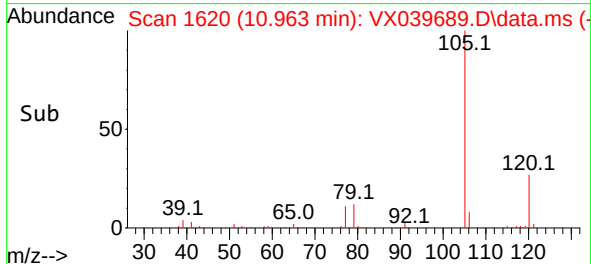
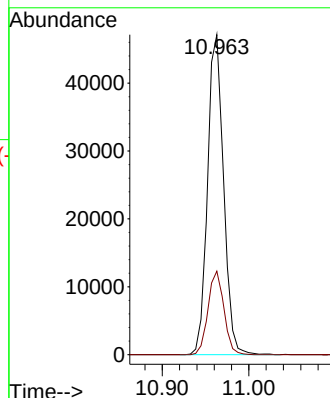
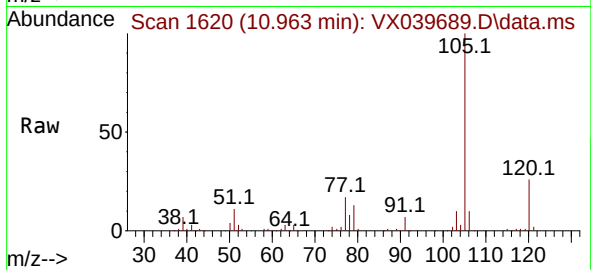
VSTDICC010

Tgt Ion:105 Resp: 60525

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 10.307 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Tgt Ion: 43 Resp: 31091

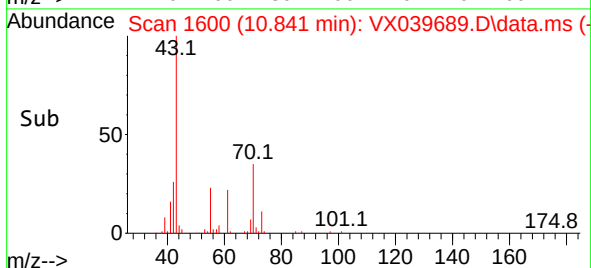
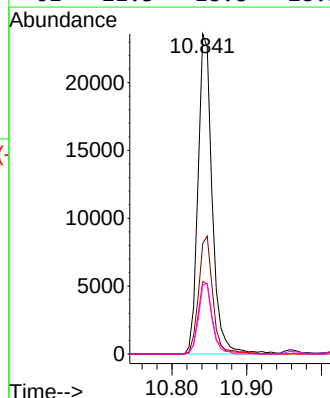
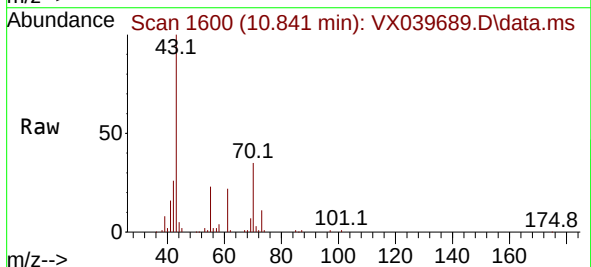
Ion Ratio Lower Upper

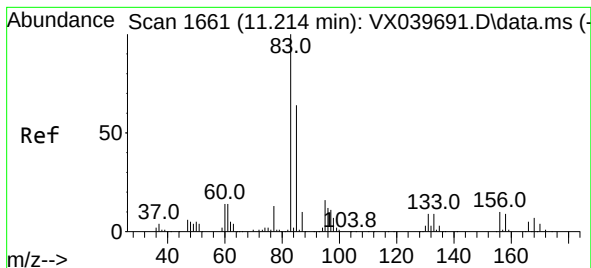
43 100

70 36.8 32.9 49.3

55 22.9 19.3 28.9

61 21.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 11.129 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

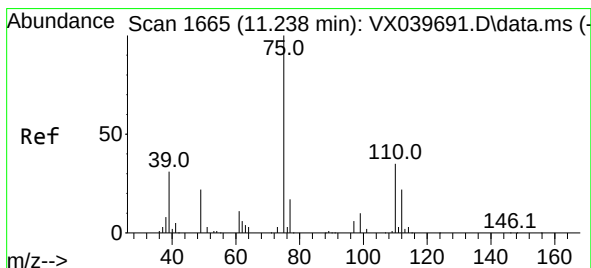
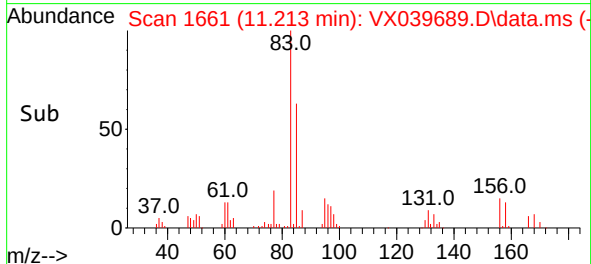
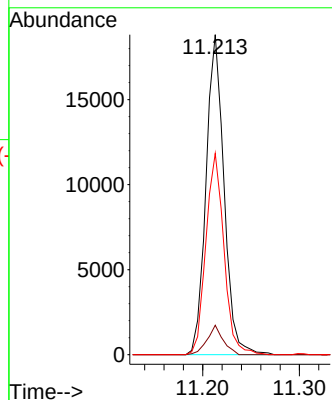
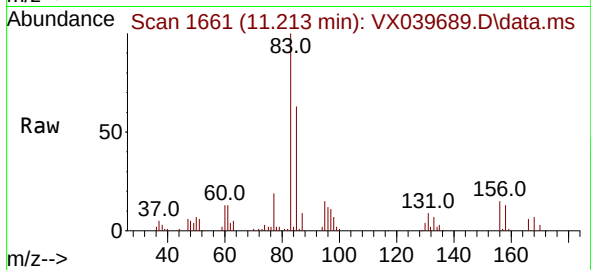
Tgt Ion: 83 Resp: 24417

Ion Ratio Lower Upper

83 100

131 8.2 5.3 15.8

85 63.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 13.813 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.001 min

Lab File: VX039689.D

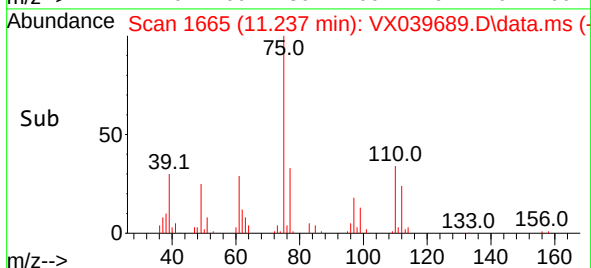
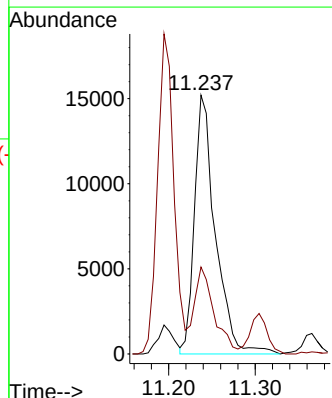
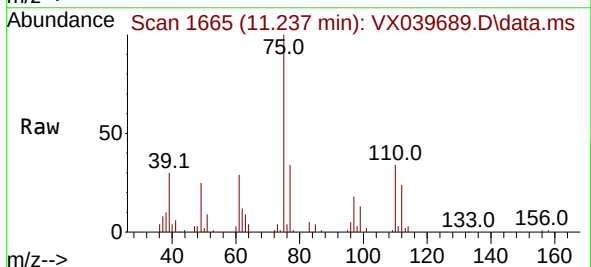
Acq: 09 Jan 2024 19:08

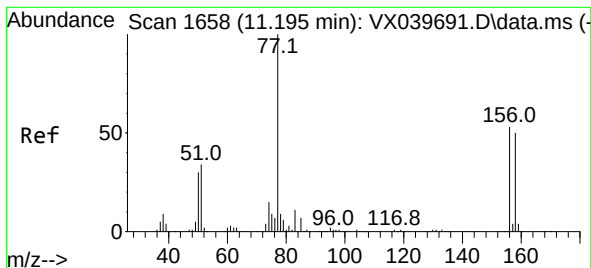
Tgt Ion: 75 Resp: 25467

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 10.555 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

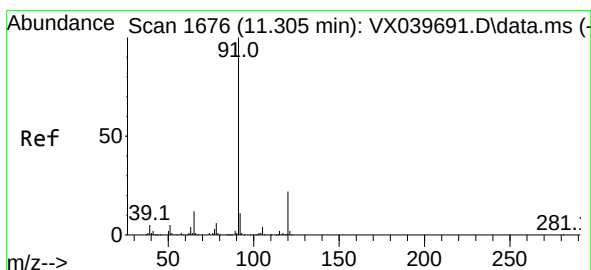
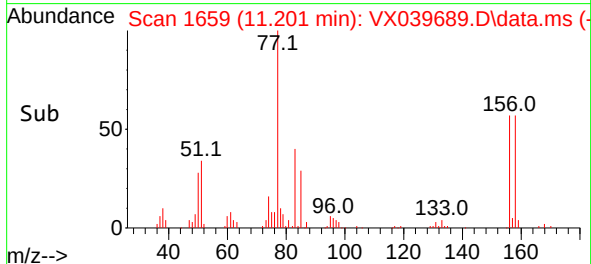
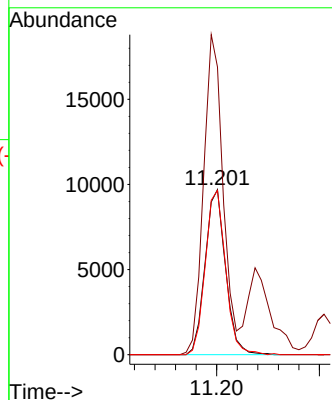
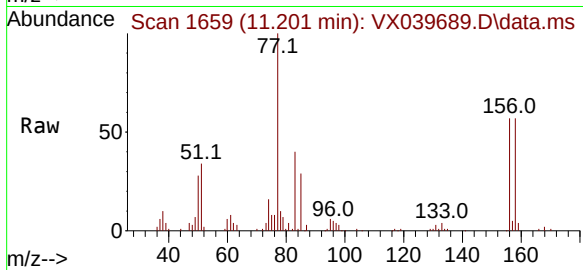
Tgt Ion:156 Resp: 13430

Ion Ratio Lower Upper

156 100

77 183.1 88.4 265.3

158 98.9 48.0 144.0



#78

n-propylbenzene

Concen: 10.411 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX039689.D

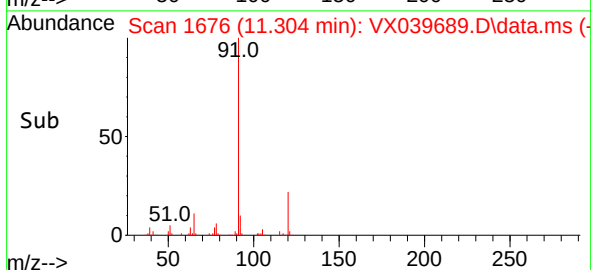
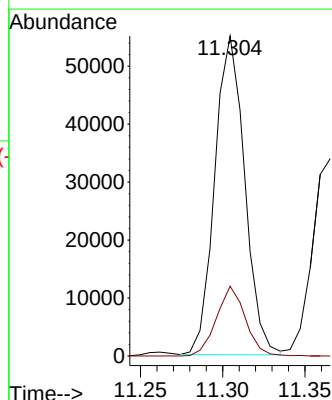
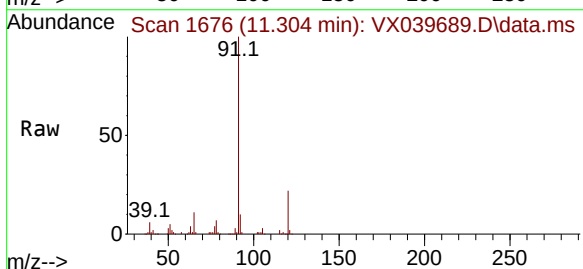
Acq: 09 Jan 2024 19:08

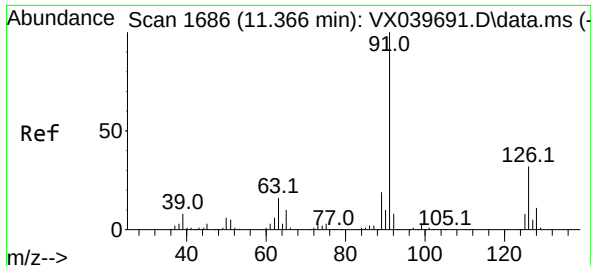
Tgt Ion: 91 Resp: 69623

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

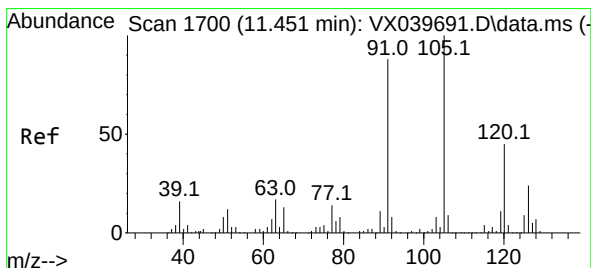
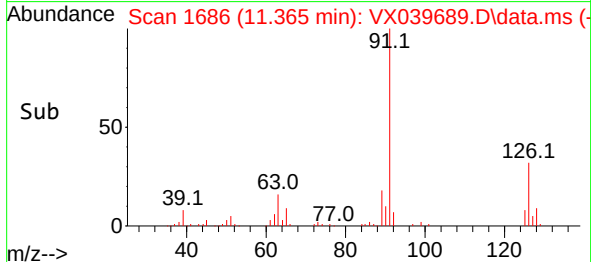
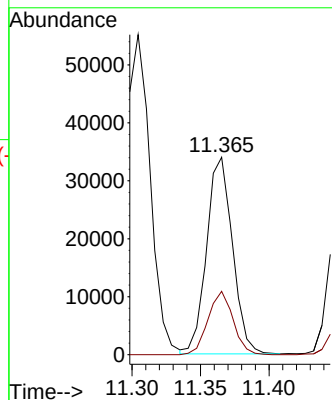
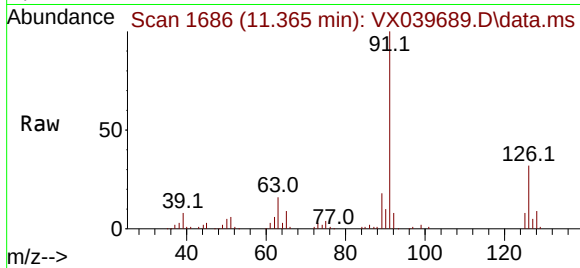




#79
2-Chlorotoluene
Concen: 10.642 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

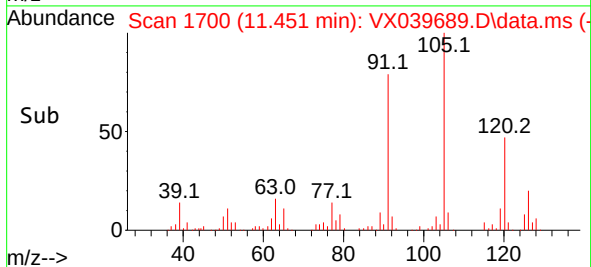
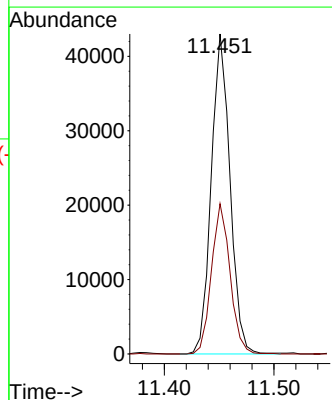
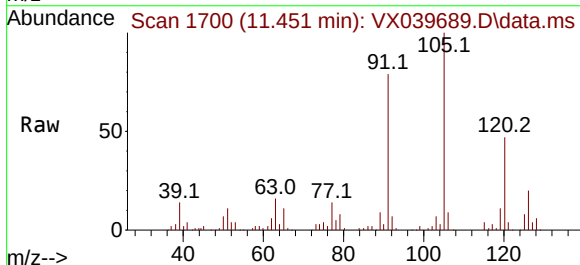
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

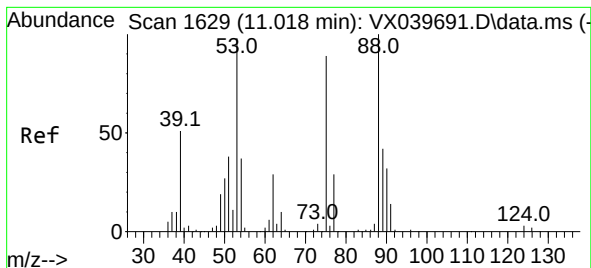
Tgt Ion: 91 Resp: 44578
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 10.552 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 105 Resp: 51036
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3

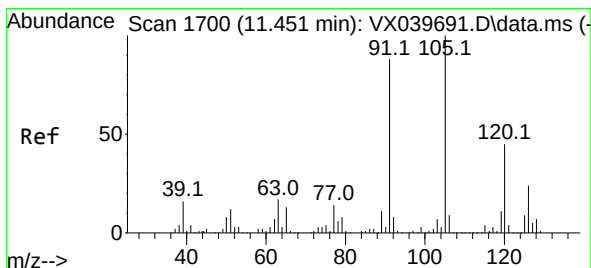
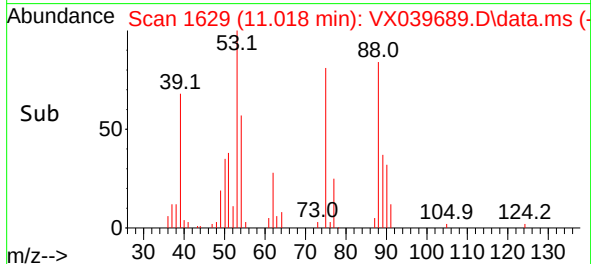
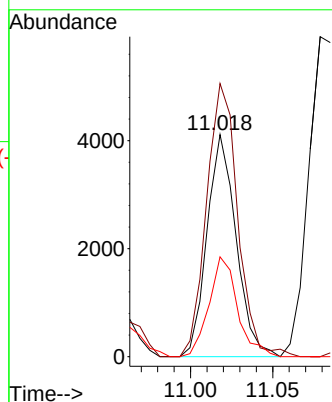
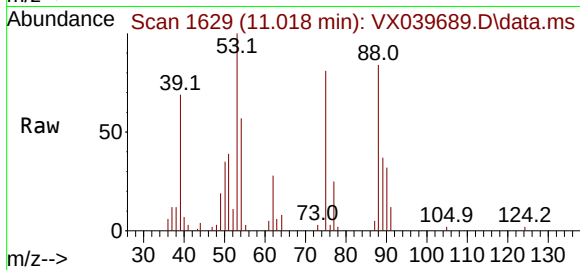




#81
trans-1,4-Dichloro-2-butene
Concen: 8.406 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

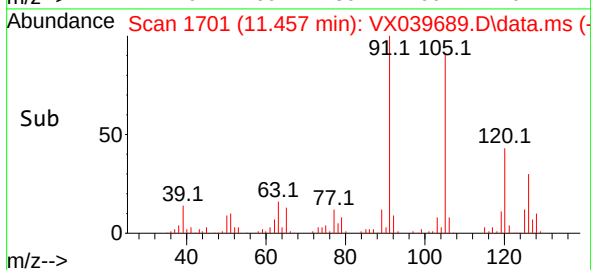
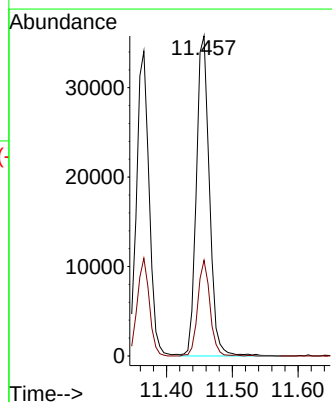
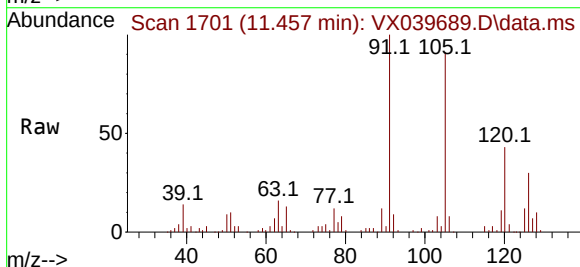
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

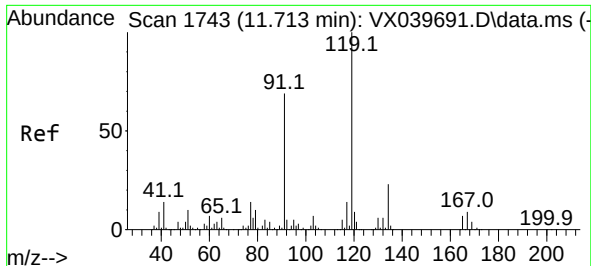
Tgt Ion: 75 Resp: 5050
Ion Ratio Lower Upper
75 100
53 131.6 90.5 135.7
89 44.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 10.351 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion: 91 Resp: 49134
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6

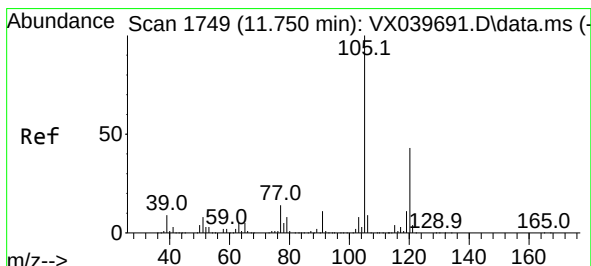
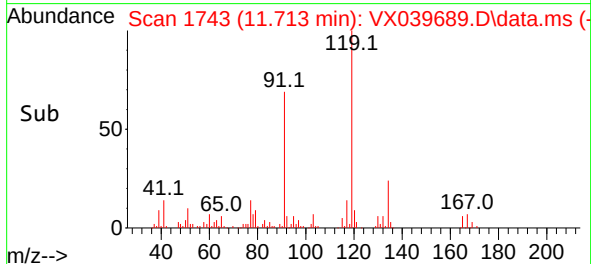
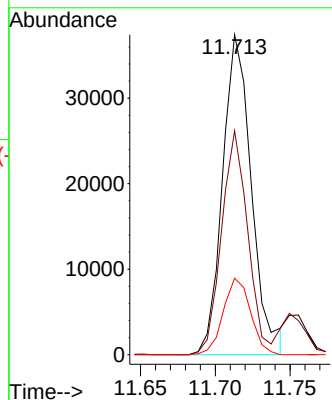
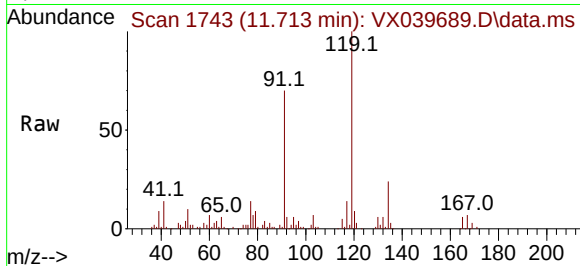




#83
tert-Butylbenzene
Concen: 10.788 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

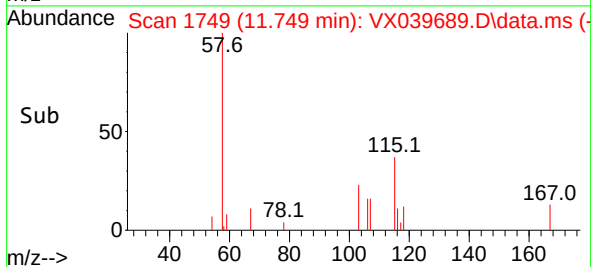
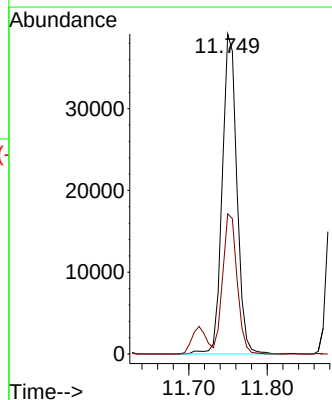
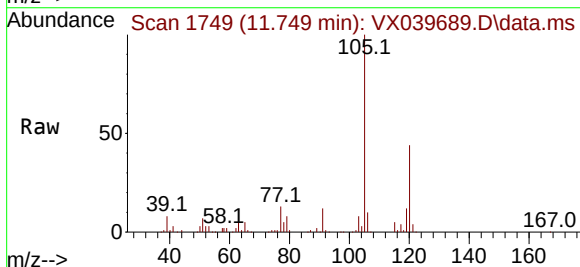
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

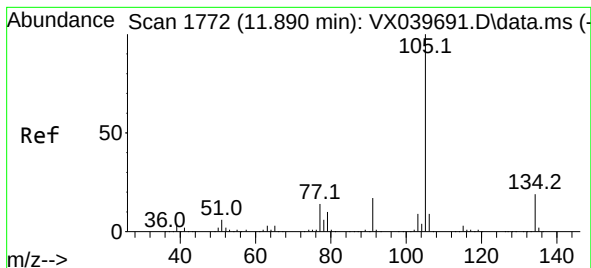
Tgt Ion:119 Resp: 50284
Ion Ratio Lower Upper
119 100
91 63.4 31.2 93.6
134 22.6 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 10.592 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX039689.D
Acq: 09 Jan 2024 19:08

Tgt Ion:105 Resp: 51066
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85

sec-Butylbenzene

Concen: 10.695 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

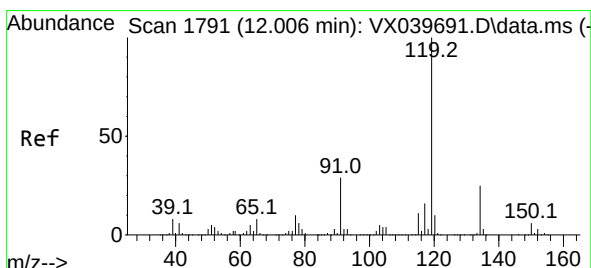
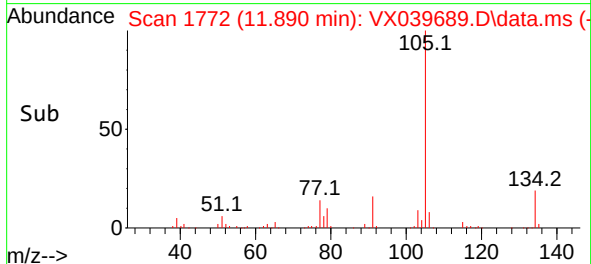
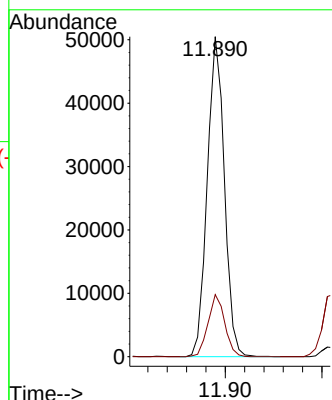
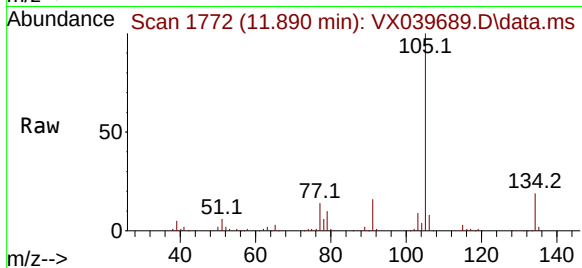
VSTDICC010

Tgt Ion:105 Resp: 62147

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 10.445 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

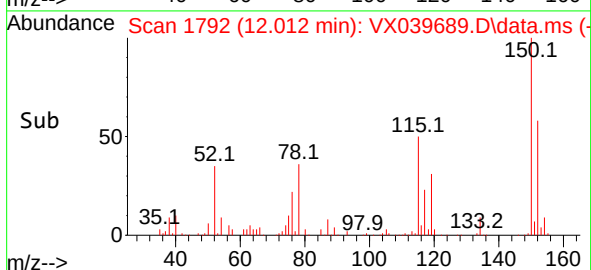
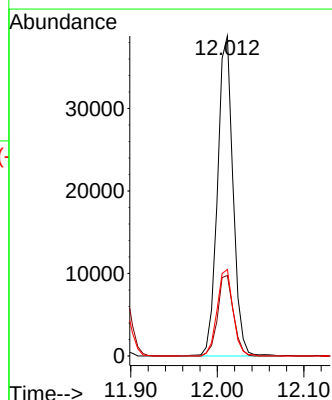
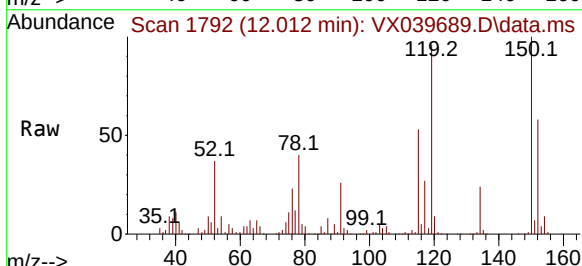
Tgt Ion:119 Resp: 48274

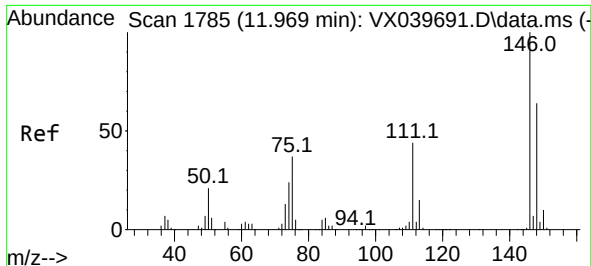
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 10.101 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

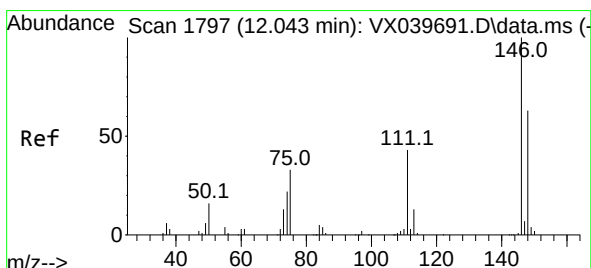
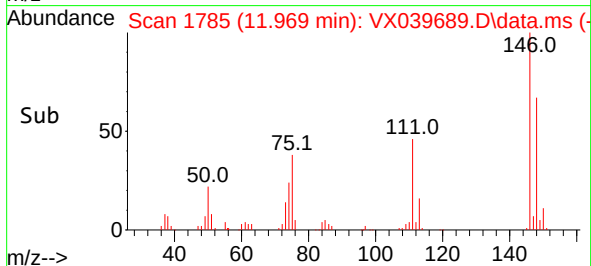
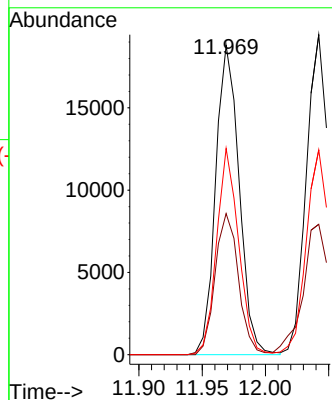
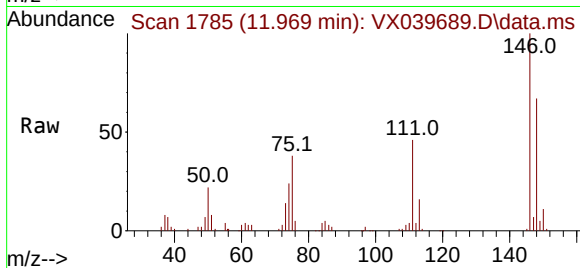
Tgt Ion:146 Resp: 24267

Ion Ratio Lower Upper

146 100

111 45.5 22.1 66.1

148 62.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 10.239 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

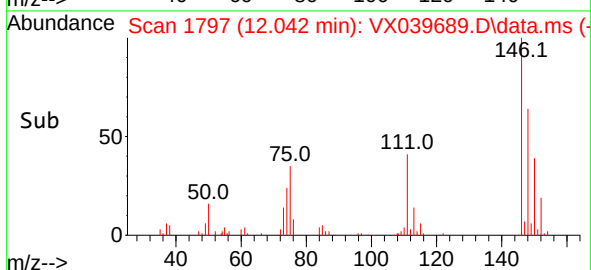
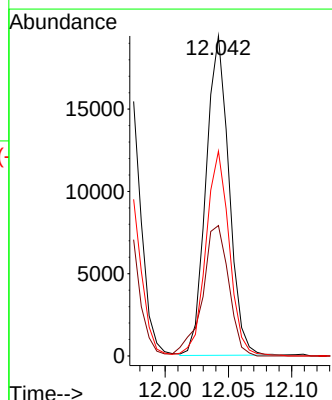
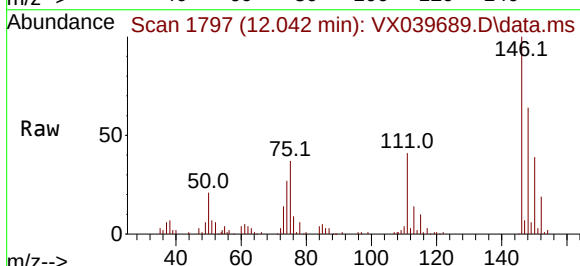
Tgt Ion:146 Resp: 24527

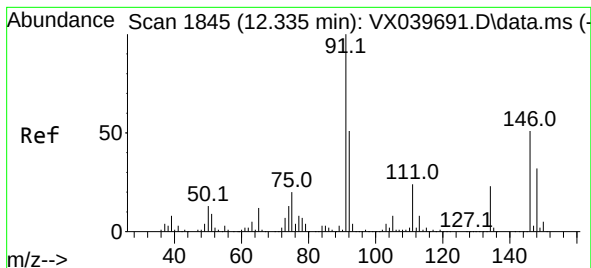
Ion Ratio Lower Upper

146 100

111 46.5 21.3 63.7

148 65.5 31.8 95.4





#89

n-Butylbenzene

Concen: 9.502 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

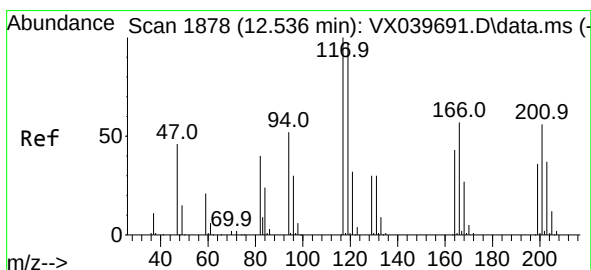
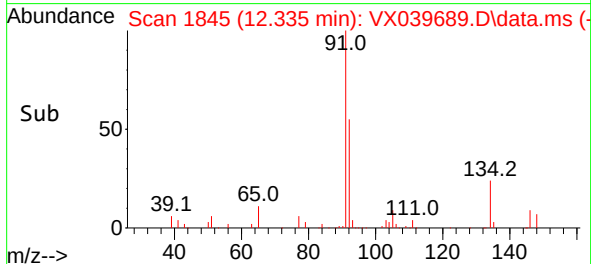
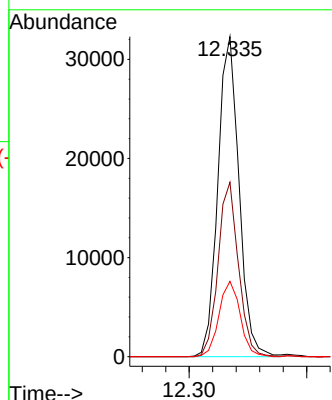
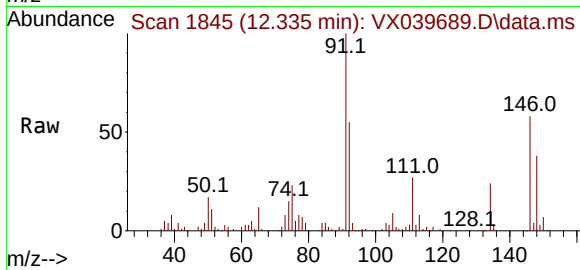
Tgt Ion: 91 Resp: 40440

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

134 23.6 12.6 37.8



#90

Hexachloroethane

Concen: 9.384 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.001 min

Lab File: VX039689.D

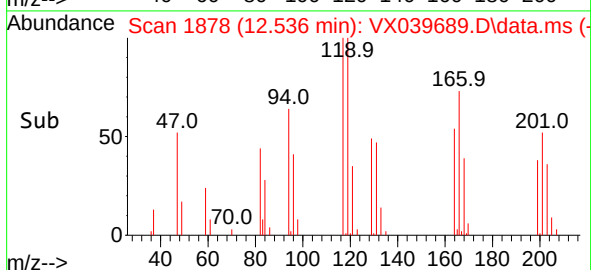
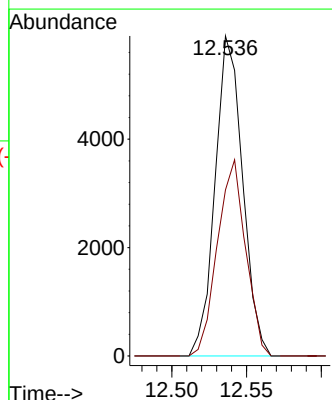
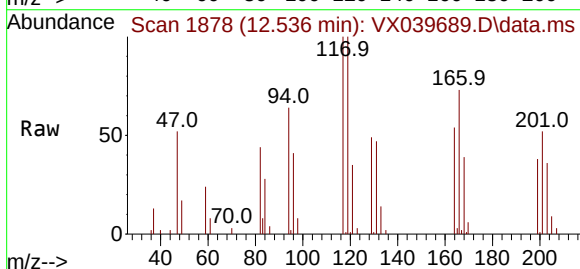
Acq: 09 Jan 2024 19:08

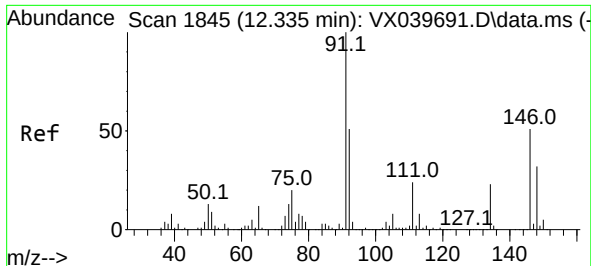
Tgt Ion: 117 Resp: 7561

Ion Ratio Lower Upper

117 100

201 62.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 10.162 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

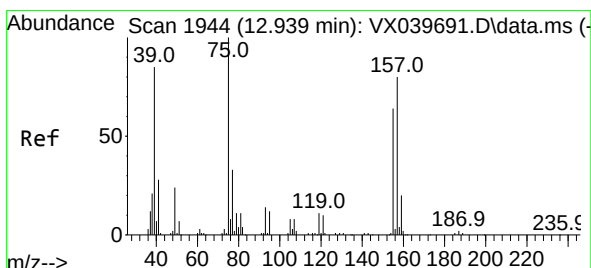
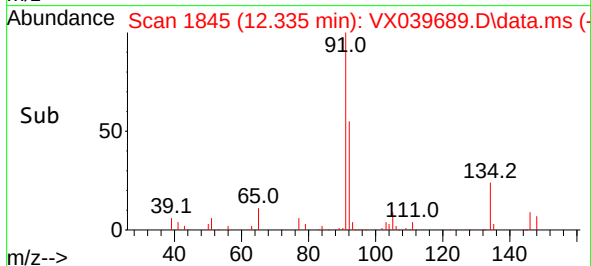
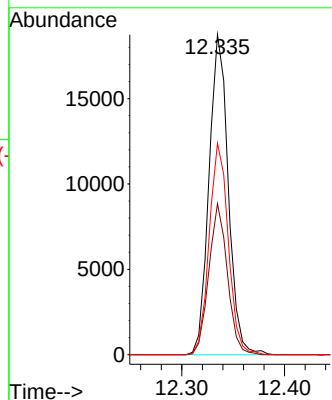
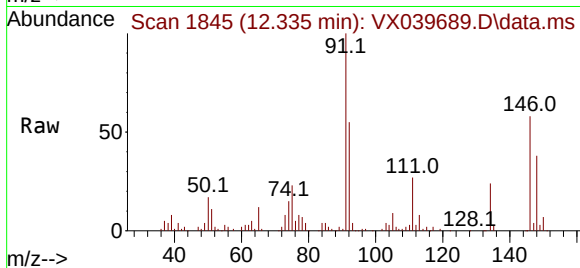
Tgt Ion:146 Resp: 24366

Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.0

148 65.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.426 ug/l

RT: 12.944 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

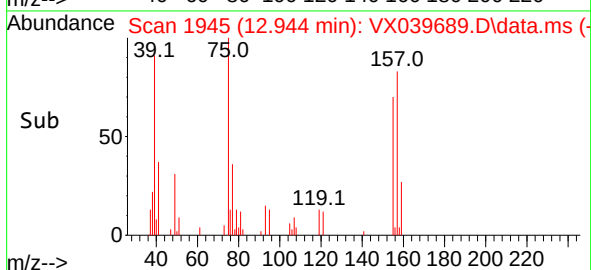
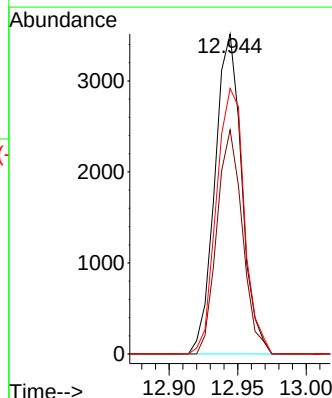
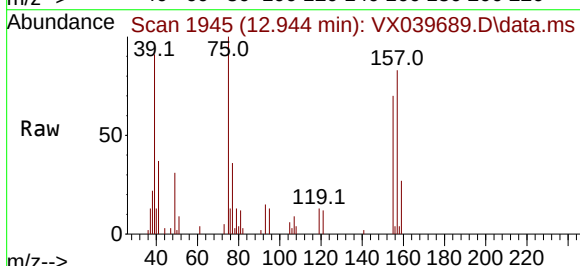
Tgt Ion: 75 Resp: 4795

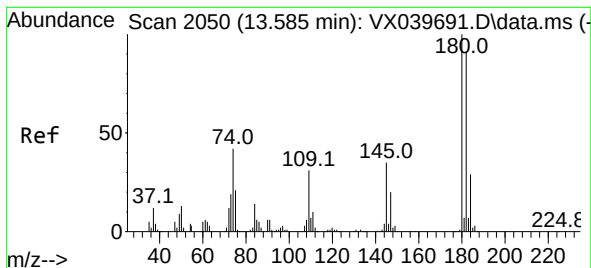
Ion Ratio Lower Upper

75 100

155 66.5 36.1 108.5

157 86.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 9.366 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

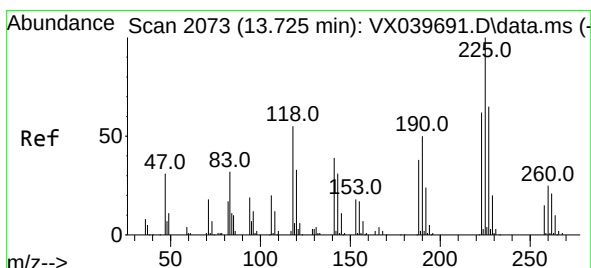
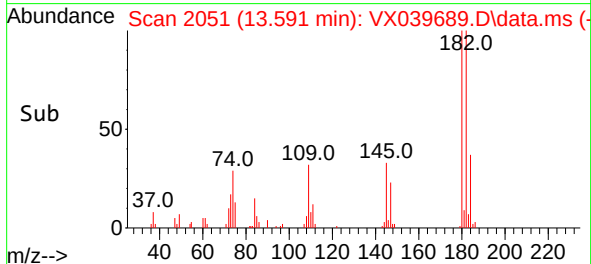
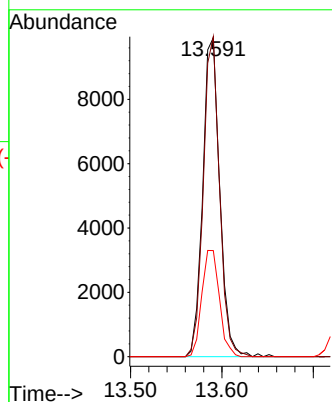
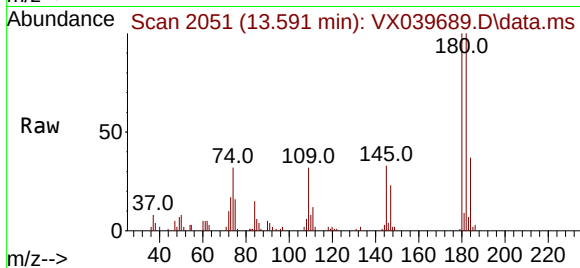
Tgt Ion:180 Resp: 12793

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 34.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 10.087 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

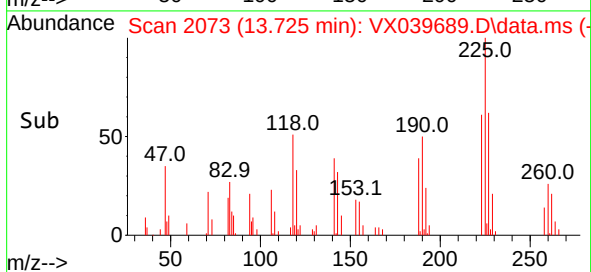
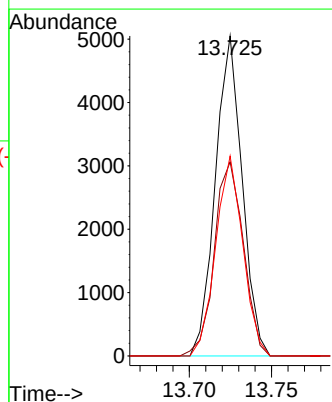
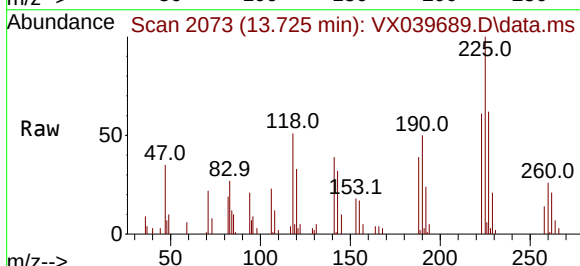
Tgt Ion:225 Resp: 5724

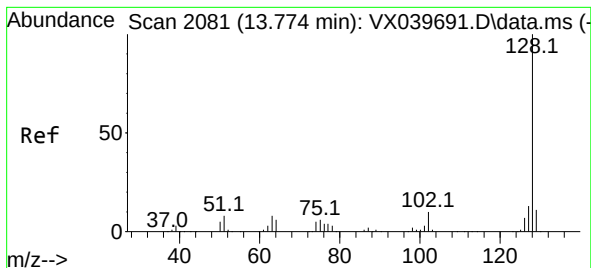
Ion Ratio Lower Upper

225 100

223 65.6 31.1 93.2

227 63.4 32.5 97.5





#95

Naphthalene

Concen: 9.450 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

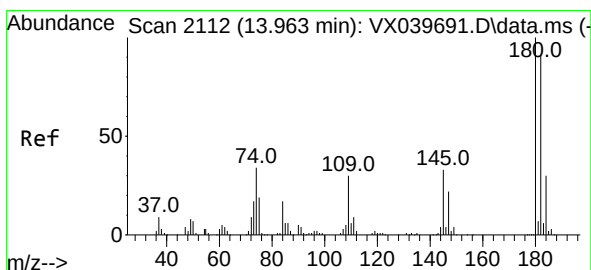
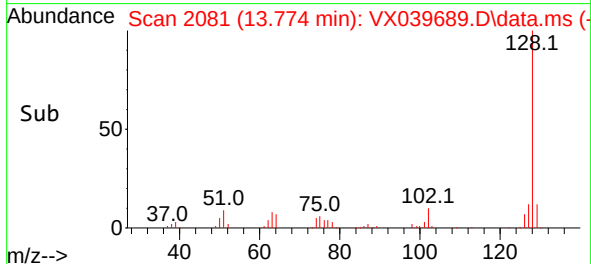
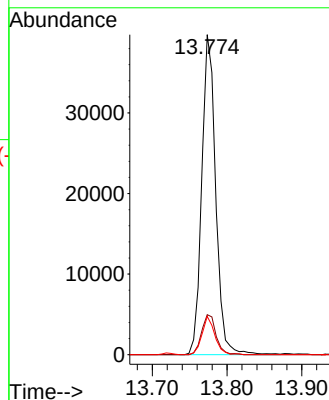
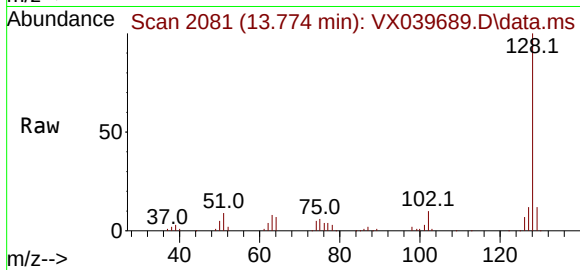
Tgt Ion:128 Resp: 51466

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.749 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. -0.001 min

Lab File: VX039689.D

Acq: 09 Jan 2024 19:08

Tgt Ion:180 Resp: 13614

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

145 35.4 17.8 53.5

