

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038634.D
 Acq On : 07 Nov 2023 15:08
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 08 03:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	471992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	370615	96.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	192.540%#
35) Dibromofluoromethane	5.391	113	339020	99.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	199.460%#
50) Toluene-d8	8.653	98	1202859	98.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	197.760%#
62) 4-Bromofluorobenzene	11.079	95	476487	101.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	202.060%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	306635	95.488	ug/l	100
3) Chloromethane	1.300	50	247581	89.200	ug/l	97
4) Vinyl Chloride	1.374	62	272567	92.246	ug/l	97
5) Bromomethane	1.599	94	182686	80.103	ug/l	99
6) Chloroethane	1.678	64	172568	92.238	ug/l	96
7) Trichlorofluoromethane	1.880	101	472449	92.744	ug/l	99
8) Diethyl Ether	2.136	74	159509	91.215	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	273463	90.790	ug/l	90
10) Methyl Iodide	2.453	142	379854	102.114	ug/l	91
11) Tert butyl alcohol	2.971	59	350534	445.414	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	265215	91.903	ug/l	# 78
13) Acrolein	2.239	56	291825	489.251	ug/l	99
14) Allyl chloride	2.660	41	383300	92.732	ug/l	# 94
15) Acrylonitrile	3.062	53	778970	469.016	ug/l	99
16) Acetone	2.380	43	710512	438.234	ug/l	91
17) Carbon Disulfide	2.508	76	709442	92.520	ug/l	99
18) Methyl Acetate	2.703	43	641548	92.878	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	863416	93.561	ug/l	97
20) Methylene Chloride	2.788	84	290994	89.034	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	291720	92.853	ug/l	82
22) Diisopropyl ether	3.763	45	729871	93.689	ug/l	# 82
23) Vinyl Acetate	3.721	43	2654896	480.139	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	471928	91.564	ug/l	97
25) 2-Butanone	4.556	43	1087457	463.010	ug/l	# 86
26) 2,2-Dichloropropane	4.477	77	417777	92.836	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	336988	92.886	ug/l	85
28) Bromochloromethane	4.897	49	237866	102.694	ug/l	# 59
29) Tetrahydrofuran	5.001	42	685374	469.024	ug/l	# 82
30) Chloroform	5.092	83	542023	89.630	ug/l	97
31) Cyclohexane	5.470	56	393022	92.244	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	497610	93.502	ug/l	96
36) 1,1-Dichloropropene	5.690	75	384405	91.032	ug/l	94
37) Ethyl Acetate	4.714	43	404811	93.894	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	450521	95.435	ug/l	97
39) Methylcyclohexane	7.379	83	491639	93.121	ug/l	90
40) Benzene	6.037	78	1120133	92.096	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	210606	95.884	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	407826	92.929	ug/l	96
43) Isopropyl Acetate	6.342	43	633558	95.585	ug/l #	92
44) Trichloroethene	7.123	130	351008	92.753	ug/l	92
45) 1,2-Dichloropropane	7.427	63	273719	93.095	ug/l	99
46) Dibromomethane	7.580	93	230355	93.684	ug/l #	87
47) Bromodichloromethane	7.824	83	425182	91.946	ug/l	96
48) Methyl methacrylate	7.696	41	307080	96.134	ug/l #	83
49) 1,4-Dioxane	7.659	88	140227	1928.354	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	2044271	473.374	ug/l	91
52) Toluene	8.720	92	748372	93.928	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	471693	100.192	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	482968	97.177	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	318416	94.188	ug/l	97
56) Ethyl methacrylate	9.116	69	470570	99.489	ug/l	87
57) 1,3-Dichloropropane	9.311	76	492080	93.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1160902	499.196	ug/l	90
59) 2-Hexanone	9.433	43	1668249	477.423	ug/l	90
60) Dibromochloromethane	9.518	129	371719	97.950	ug/l	100
61) 1,2-Dibromoethane	9.610	107	358257	94.293	ug/l	99
64) Tetrachloroethene	9.275	164	307588	89.976	ug/l	95
65) Chlorobenzene	10.079	112	866042	93.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	335040	95.863	ug/l	99
67) Ethyl Benzene	10.195	91	1473131	93.674	ug/l	97
68) m/p-Xylenes	10.299	106	1179346	188.953	ug/l	93
69) o-Xylene	10.640	106	579703	95.509	ug/l	95
70) Styrene	10.652	104	970358	96.868	ug/l	95
71) Bromoform	10.799	173	313662	101.680	ug/l #	100
73) Isopropylbenzene	10.963	105	1516234	93.133	ug/l	97
74) N-amyl acetate	10.841	43	564884	99.861	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	519963	92.384	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	599473	114.063	ug/l	90
77) Bromobenzene	11.195	156	408994	91.536	ug/l	82
78) n-propylbenzene	11.305	91	1739761	91.832	ug/l	95
79) 2-Chlorotoluene	11.366	91	1041239	91.800	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1321229	94.295	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	170607	93.352	ug/l	84
82) 4-Chlorotoluene	11.457	91	1227102	92.606	ug/l	92
83) tert-Butylbenzene	11.713	119	1355777	95.492	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	1325901	95.408	ug/l	95
85) sec-Butylbenzene	11.890	105	1642977	92.741	ug/l	96
86) p-Isopropyltoluene	12.012	119	1421574	94.196	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	790767	92.568	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	797212	90.793	ug/l	97
89) n-Butylbenzene	12.335	91	1277396	95.117	ug/l	96
90) Hexachloroethane	12.536	117	254354	99.500	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	771030	92.420	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	132369	93.576	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	549663	92.116	ug/l	96
94) Hexachlorobutadiene	13.725	225	234177	90.949	ug/l	98
95) Naphthalene	13.774	128	1715307	95.298	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	538902	91.627	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

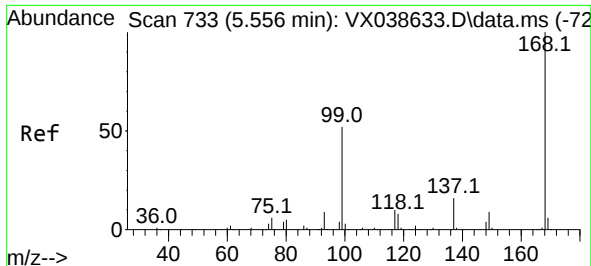
Quant Time: Nov 08 03:06:05 2023
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Quant Title : SW846 8260
QLast Update : Wed Nov 08 01:38:47 2023
Response via : Initial Calibration

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

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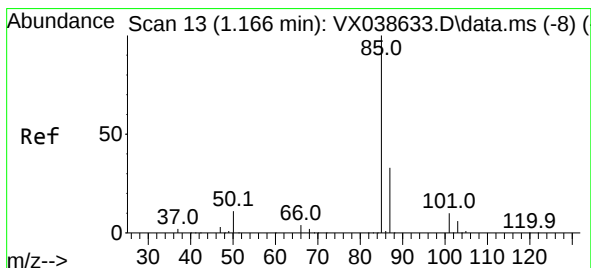
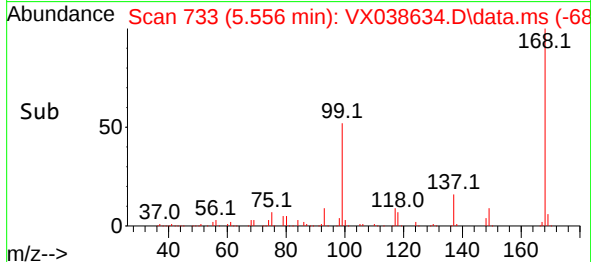
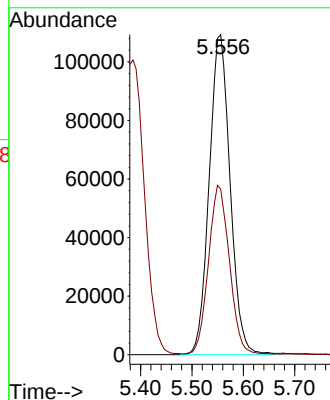
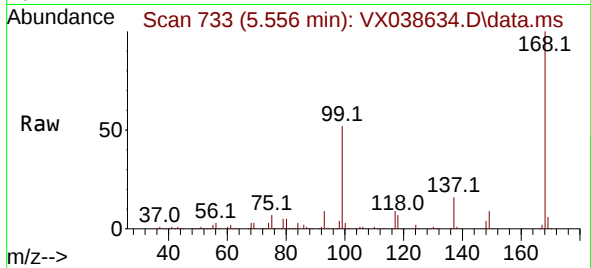




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

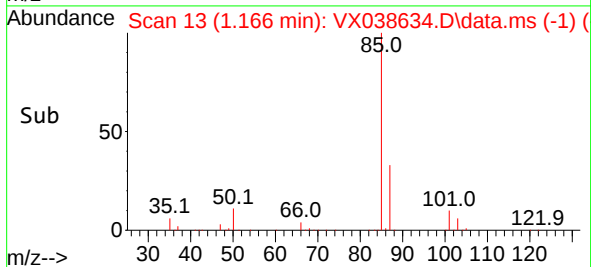
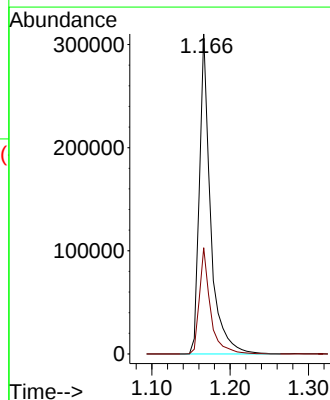
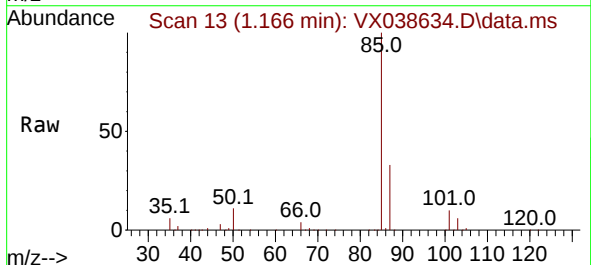
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

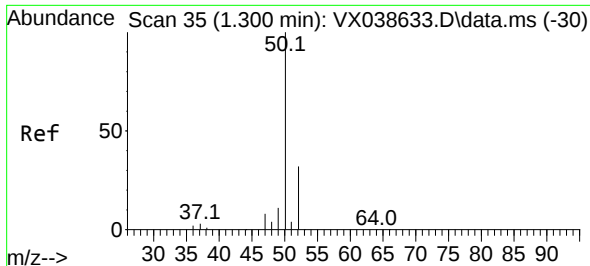
Tgt Ion:168 Resp: 309223
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 95.488 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 85 Resp: 306635
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1

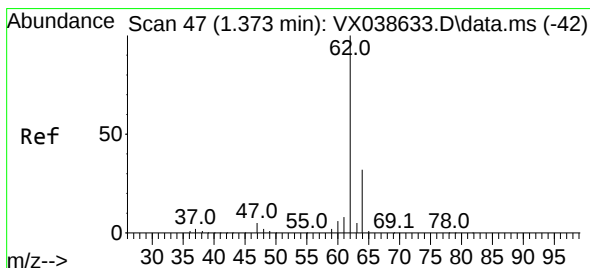
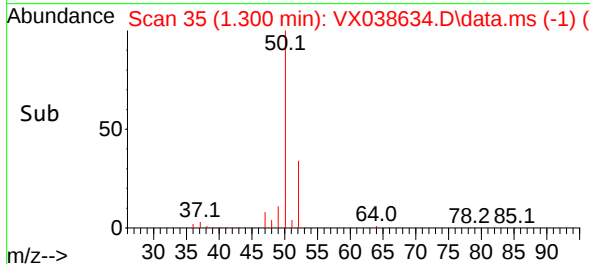
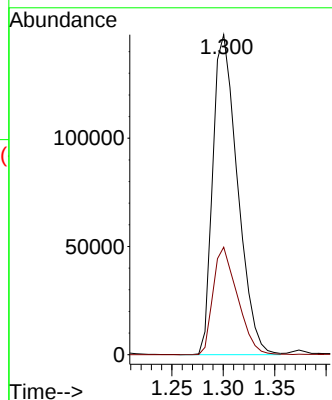
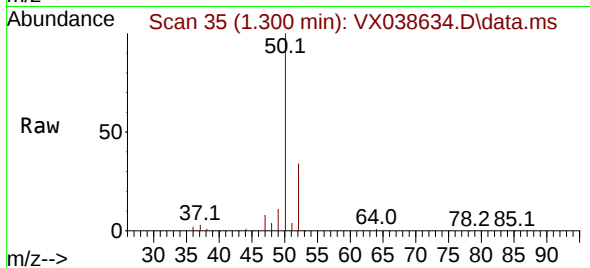




#3
Chloromethane
Concen: 89.200 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

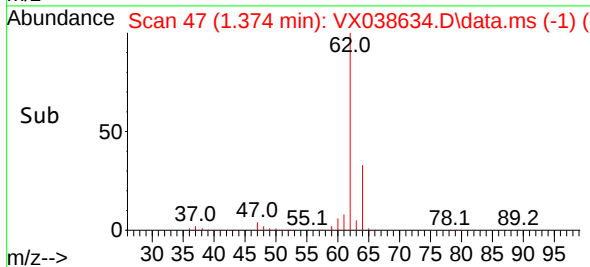
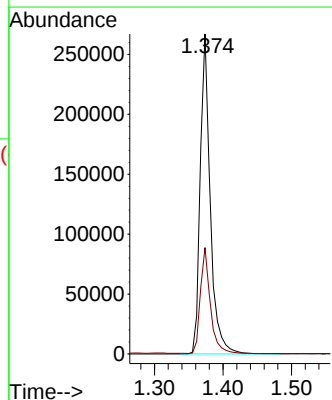
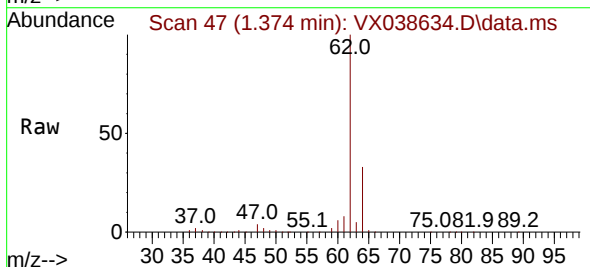
Instrument :
MSVOA_X
ClientSampleId :
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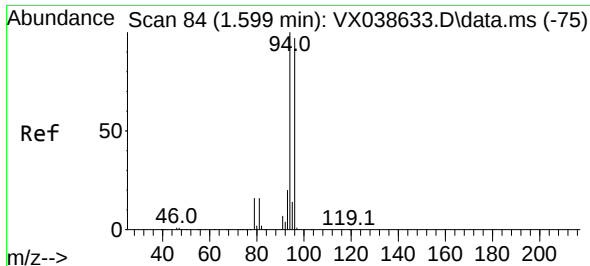
Tgt Ion: 50 Resp: 247581
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3



#4
Vinyl Chloride
Concen: 92.246 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 62 Resp: 272567
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

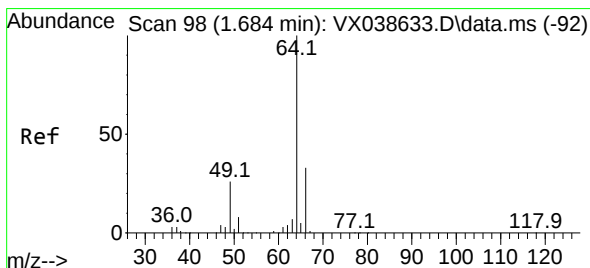
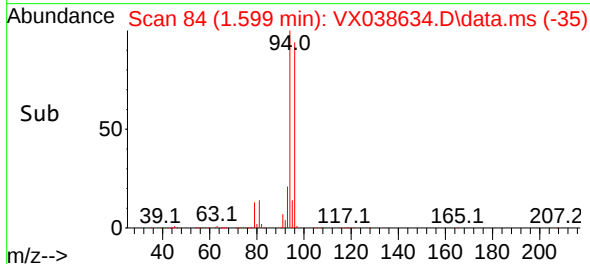
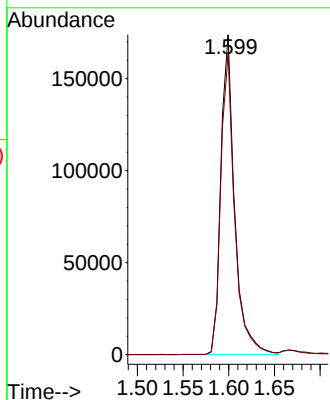
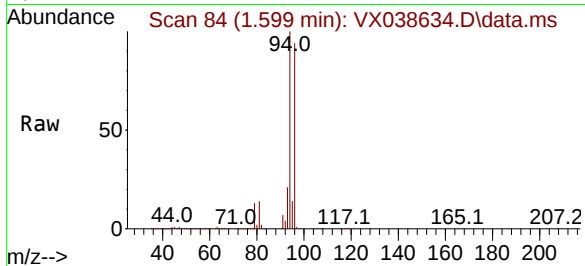




#5
Bromomethane
Concen: 80.103 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

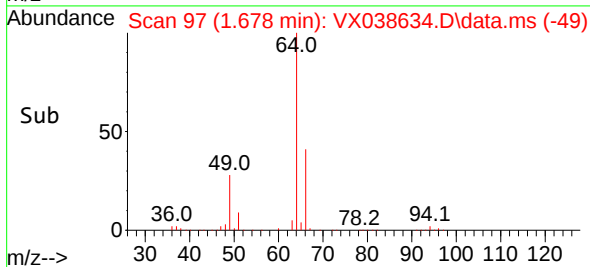
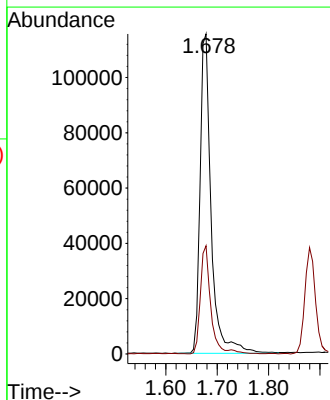
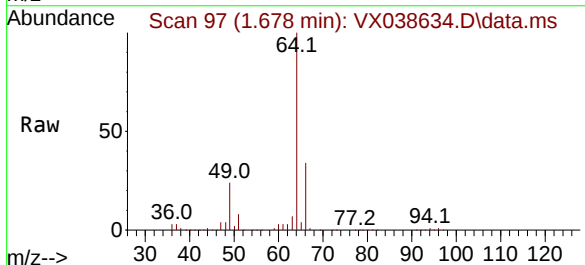
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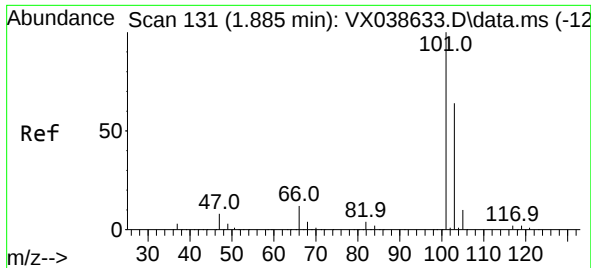
Tgt Ion: 94 Resp: 182686
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8



#6
Chloroethane
Concen: 92.238 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 64 Resp: 172568
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

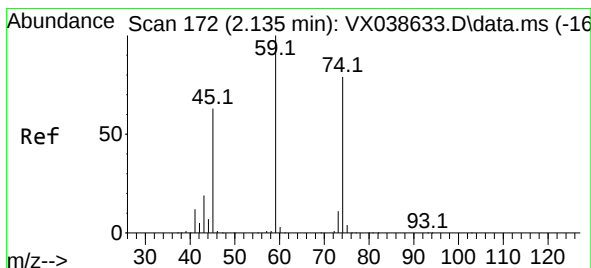
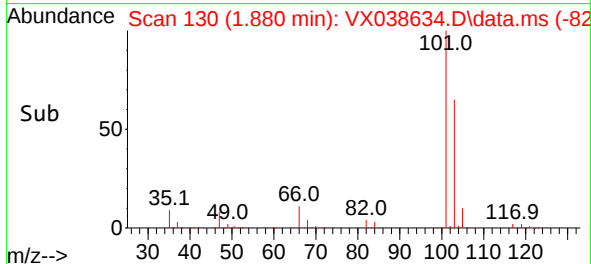
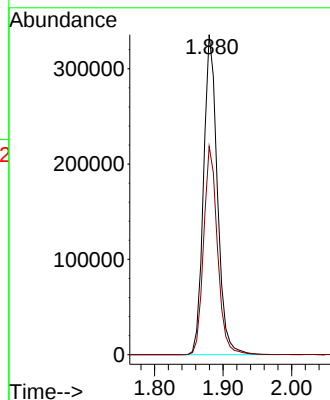
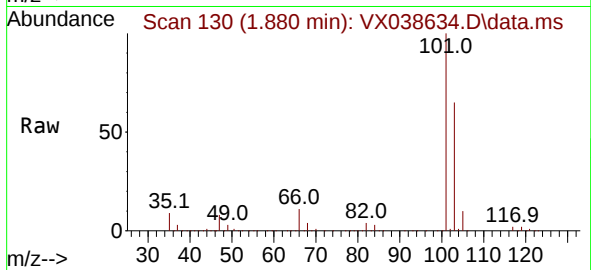




#7
 Trichlorofluoromethane
 Concen: 92.744 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX038634.D
 Acq: 07 Nov 2023 15:08

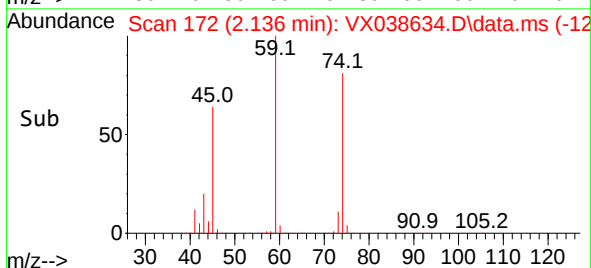
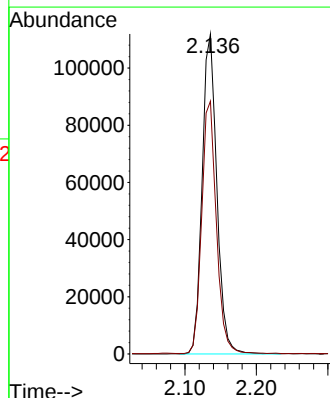
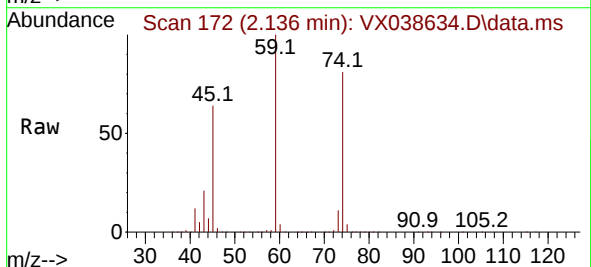
Instrument :
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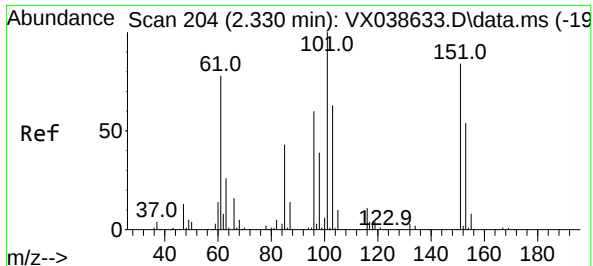
Tgt Ion:101 Resp: 472449
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 91.215 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038634.D
 Acq: 07 Nov 2023 15:08

Tgt Ion: 74 Resp: 159509
 Ion Ratio Lower Upper
 74 100
 45 78.7 53.3 159.8

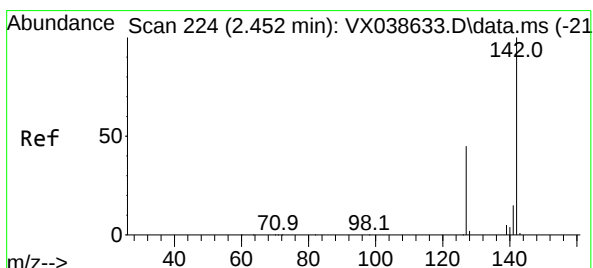
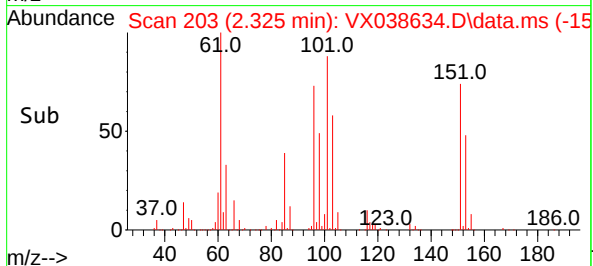
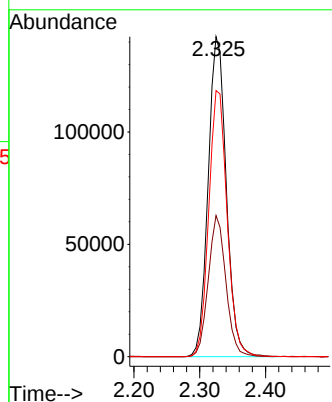
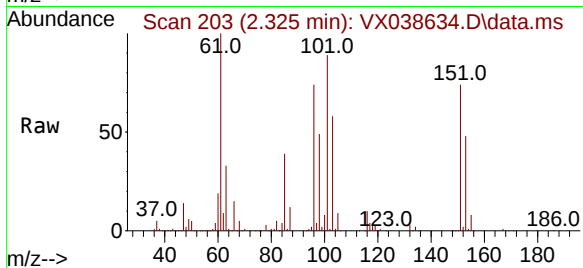




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.790 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

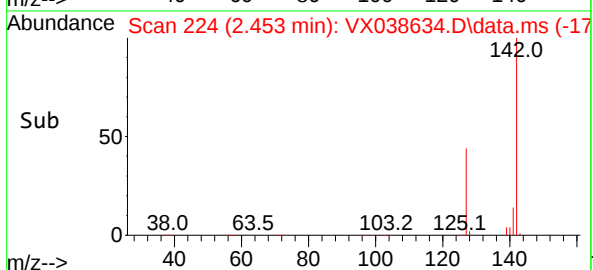
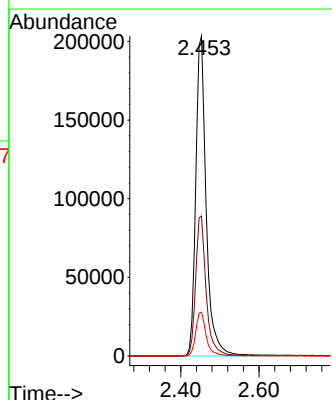
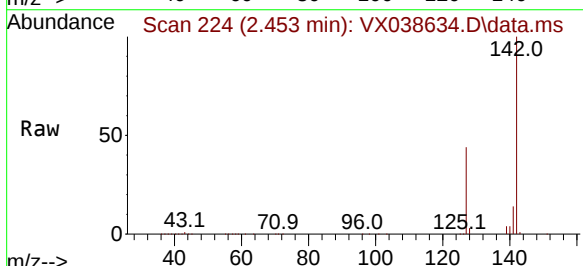
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

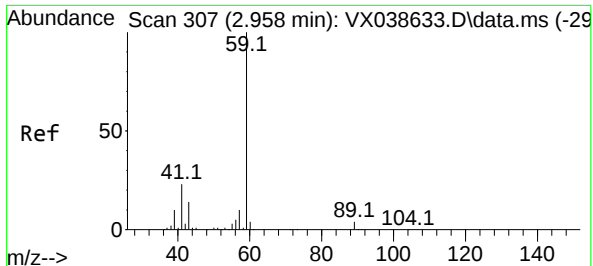
Tgt Ion:101 Resp: 273463
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 84.2 58.6 87.8



#10
Methyl Iodide
Concen: 102.114 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion:142 Resp: 379854
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 13.8 11.6 17.4

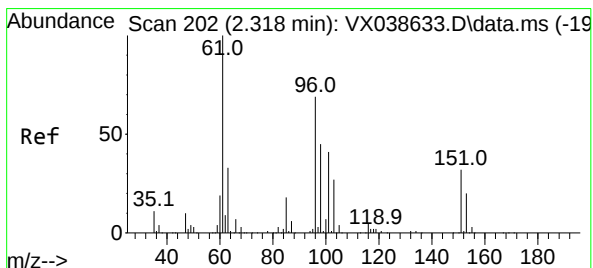
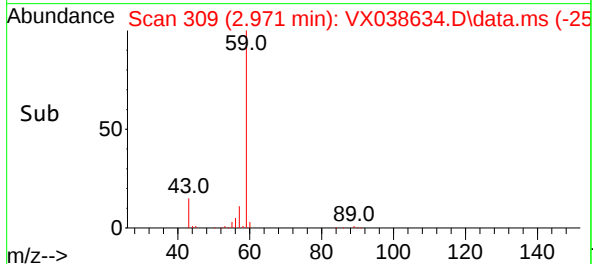
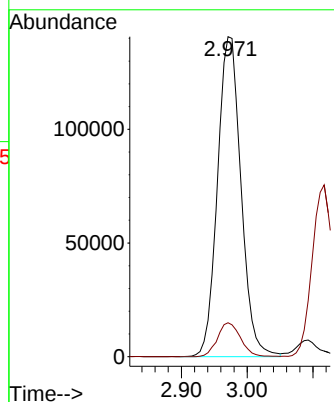
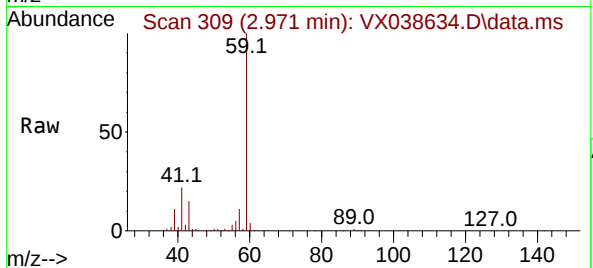




#11
Tert butyl alcohol
Concen: 445.414 ug/l
RT: 2.971 min Scan# 307
Delta R.T. 0.012 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

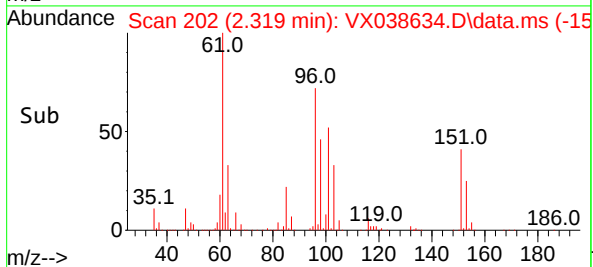
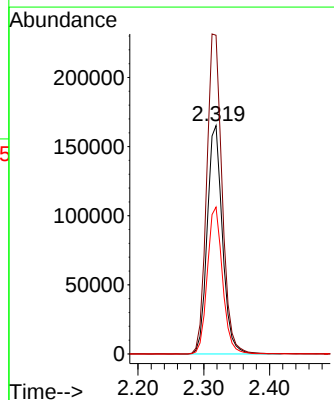
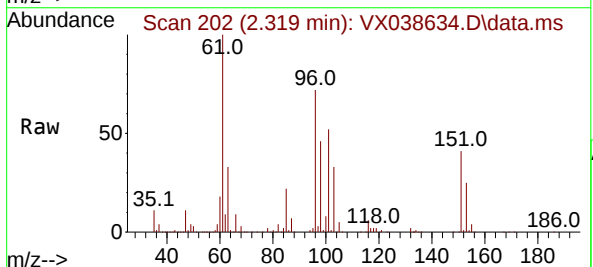
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

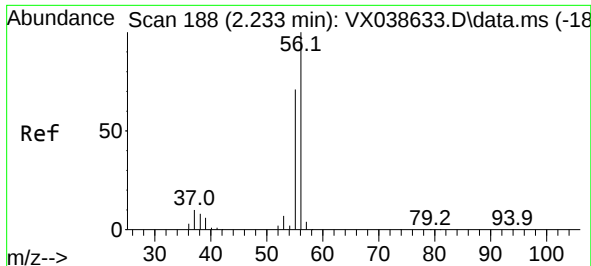
Tgt Ion: 59 Resp: 350534
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 91.903 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 96 Resp: 265215
Ion Ratio Lower Upper
96 100
61 139.6 144.6 216.8#
98 64.3 50.4 75.6

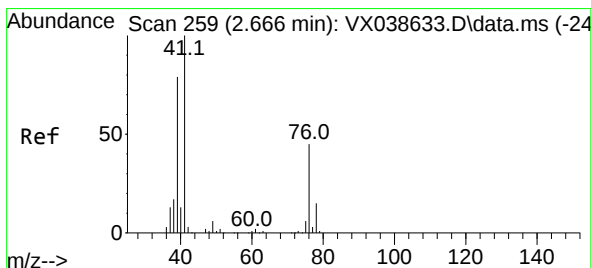
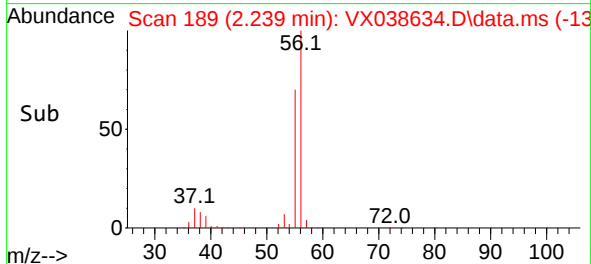
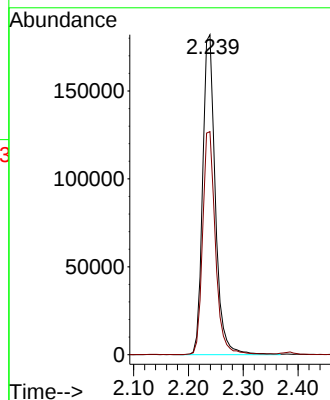
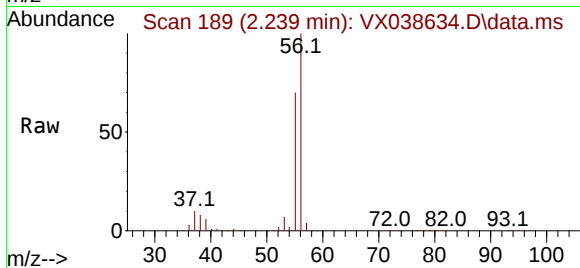




#13
Acrolein
Concen: 489.251 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

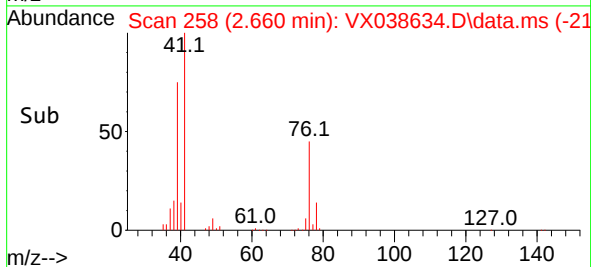
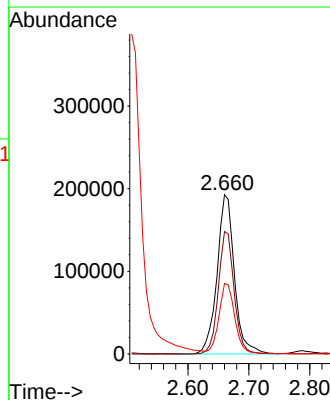
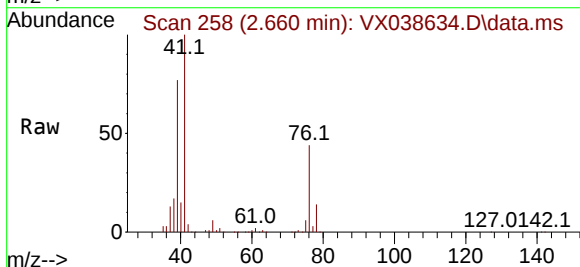
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

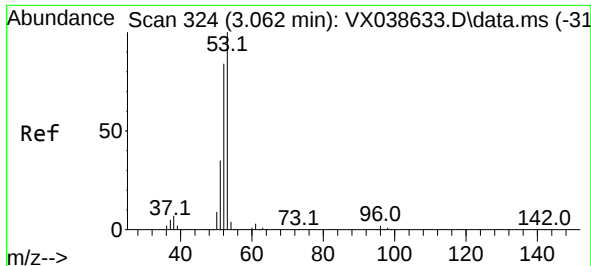
Tgt Ion: 56 Resp: 291825
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7



#14
Allyl chloride
Concen: 92.732 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 41 Resp: 383300
Ion Ratio Lower Upper
41 100
39 69.3 55.8 83.6
76 40.1 24.3 36.5

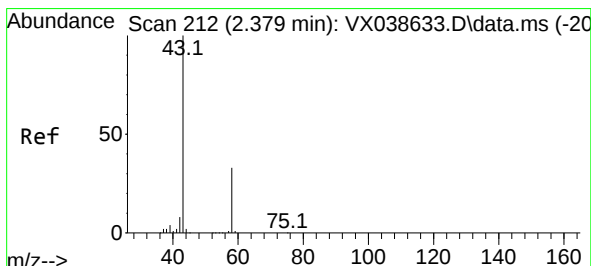
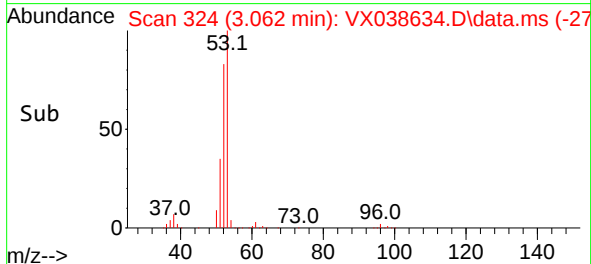
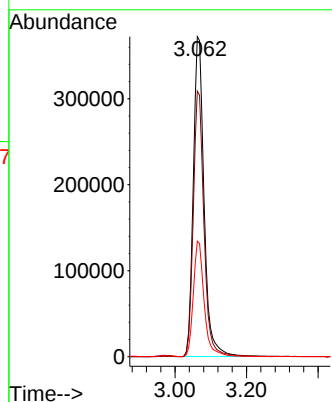
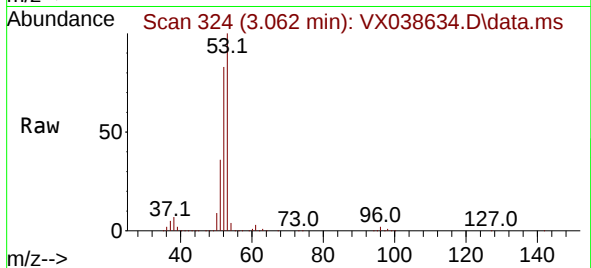




#15
Acrylonitrile
Concen: 469.016 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

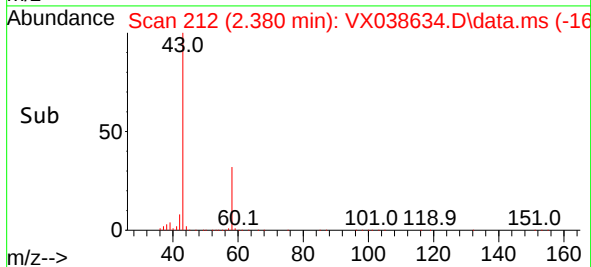
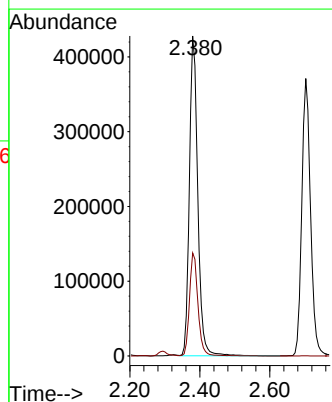
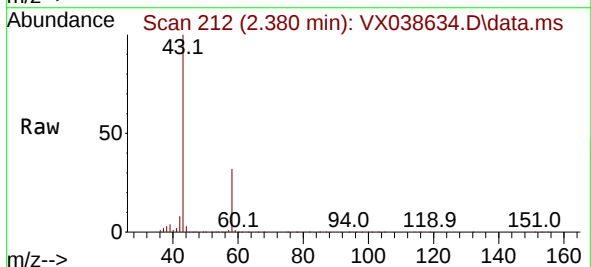
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

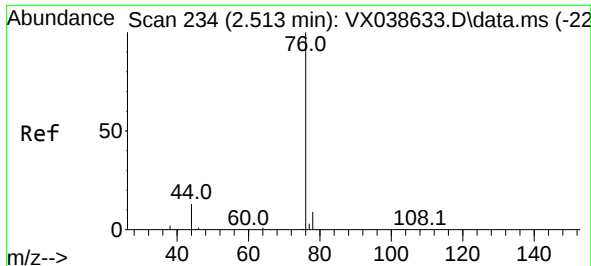
Tgt Ion: 53 Resp: 778970
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.3 29.8 44.6



#16
Acetone
Concen: 438.234 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 43 Resp: 710512
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9

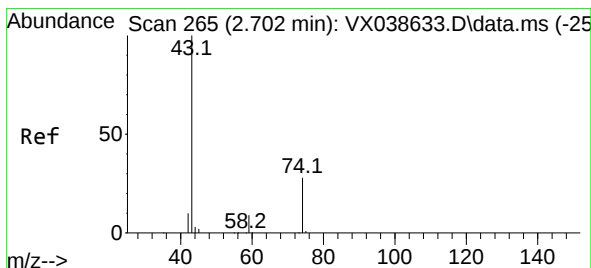
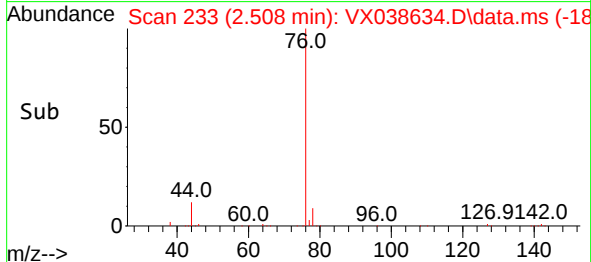
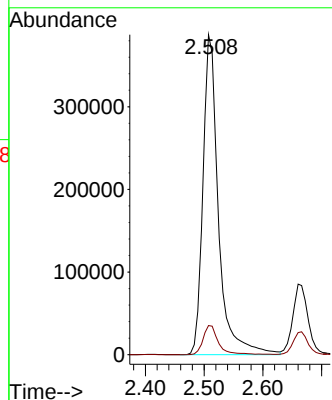
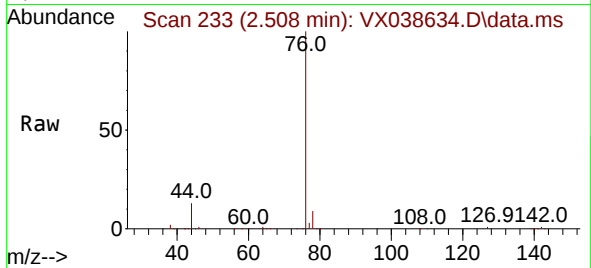




#17
Carbon Disulfide
Concen: 92.520 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

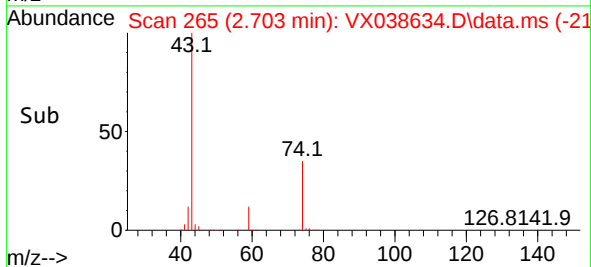
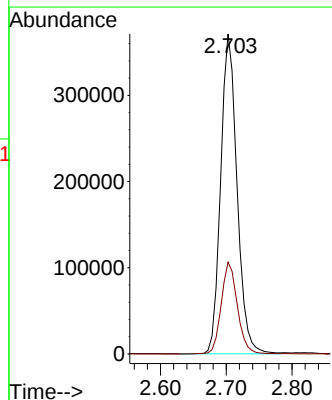
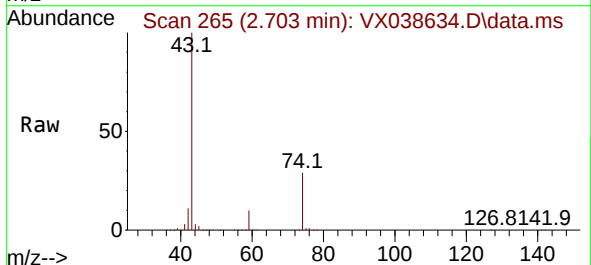
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

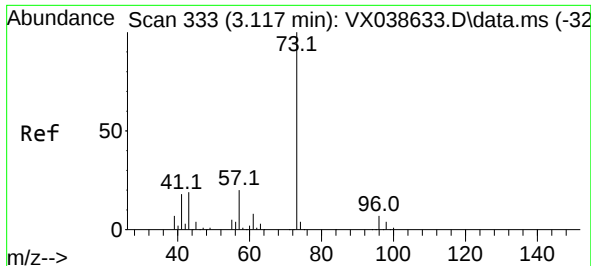
Tgt Ion: 76 Resp: 709442
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 92.878 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 43 Resp: 641548
Ion Ratio Lower Upper
43 100
74 28.5 17.8 26.8#

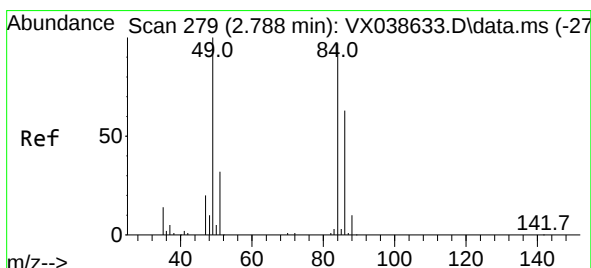
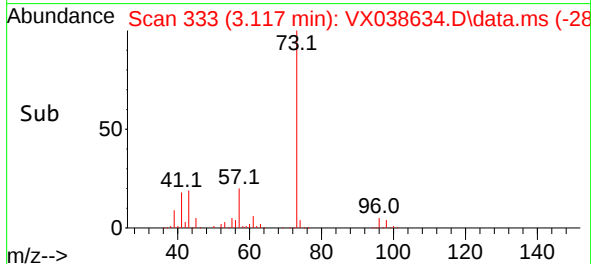
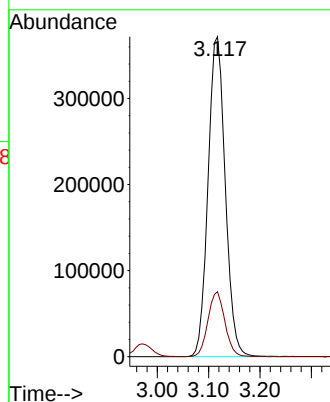
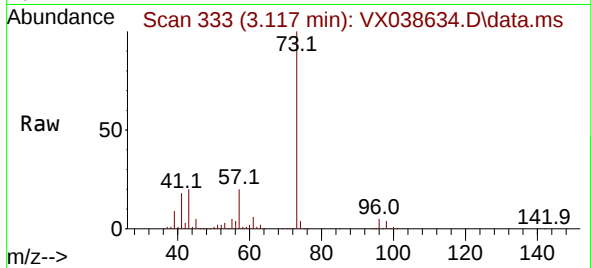




#19
Methyl tert-butyl Ether
Concen: 93.561 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

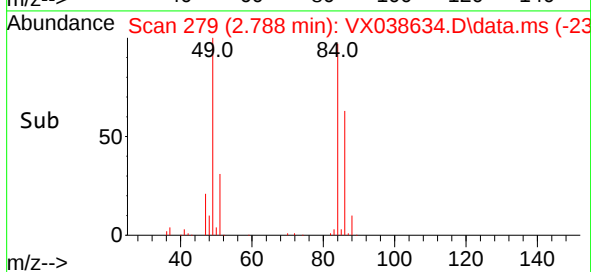
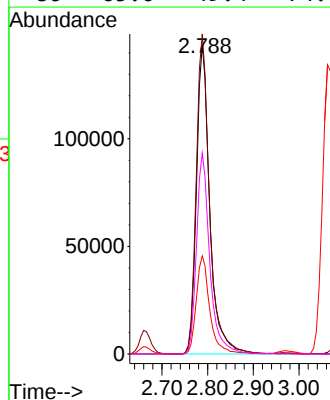
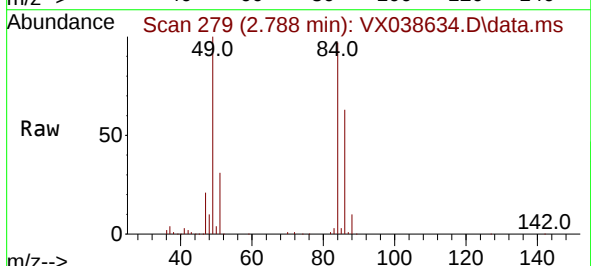
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

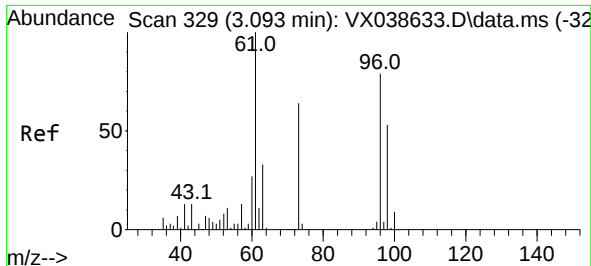
Tgt Ion: 73 Resp: 863416
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 89.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 84 Resp: 290994
Ion Ratio Lower Upper
84 100
49 103.5 103.6 155.4#
51 31.7 33.8 50.6#
86 65.0 49.4 74.0

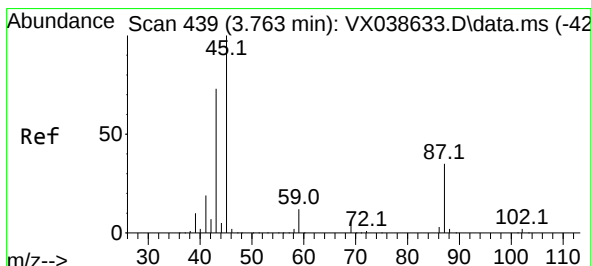
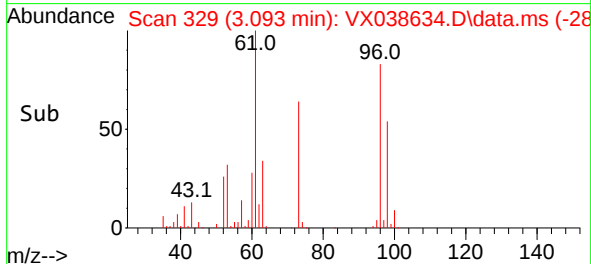
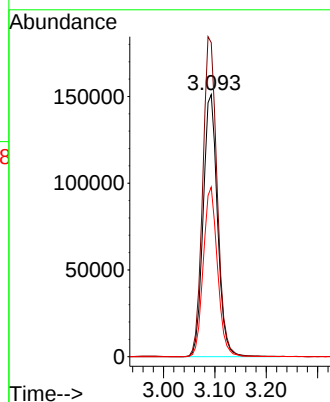
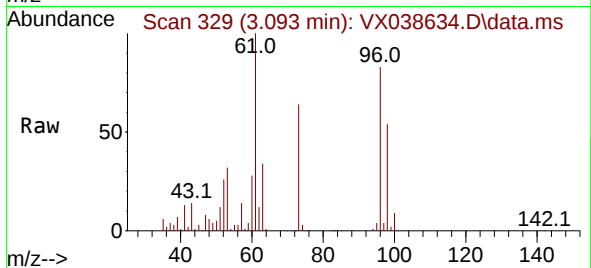




#21
trans-1,2-Dichloroethene
Concen: 92.853 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

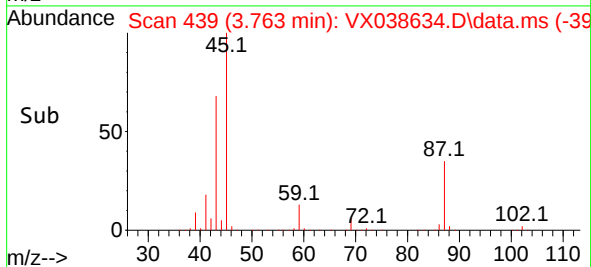
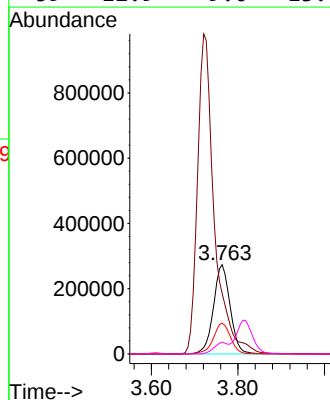
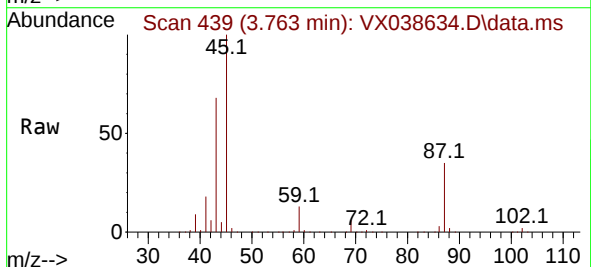
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

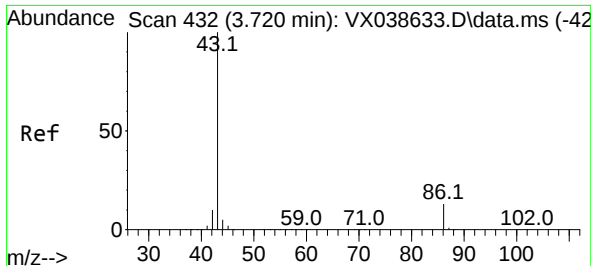
Tgt Ion: 96 Resp: 291720
Ion Ratio Lower Upper
96 100
61 119.8 119.2 178.8
98 64.7 48.7 73.1



#22
Diisopropyl ether
Concen: 93.689 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 45 Resp: 729871
Ion Ratio Lower Upper
45 100
43 67.9 69.7 104.5#
87 34.5 20.8 31.2#
59 12.9 9.0 13.4

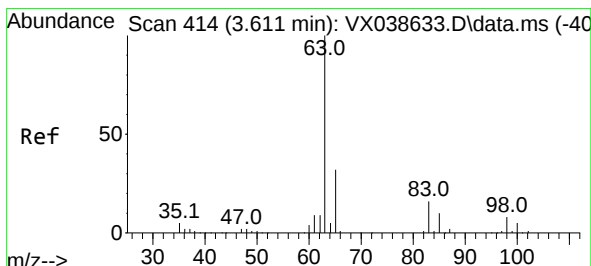
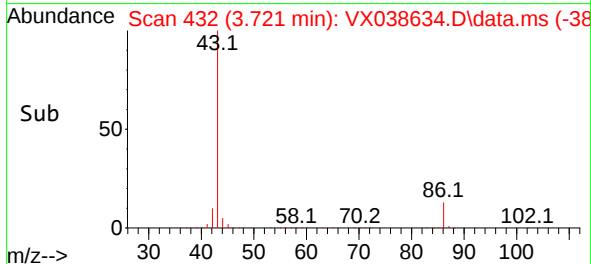
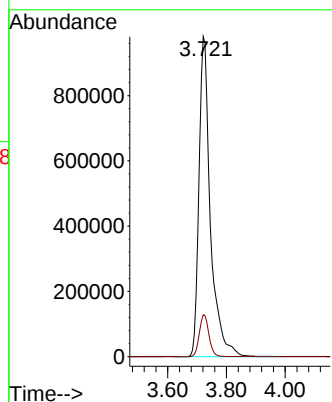
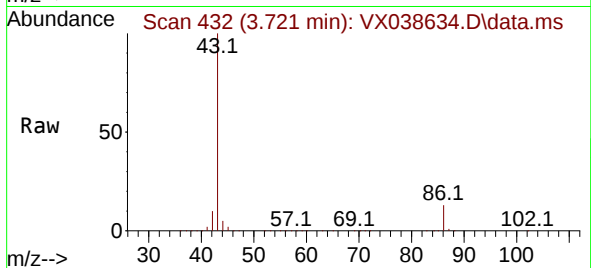




#23
 Vinyl Acetate
 Concen: 480.139 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038634.D
 Acq: 07 Nov 2023 15:08

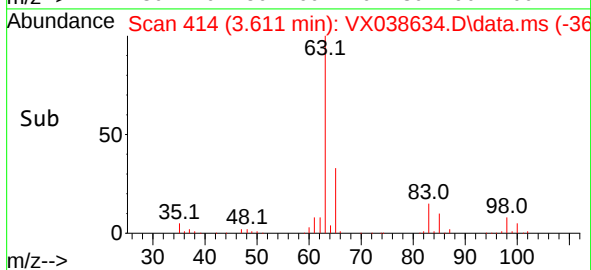
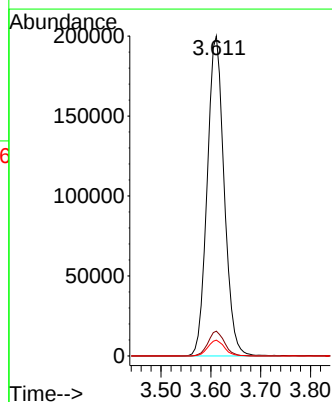
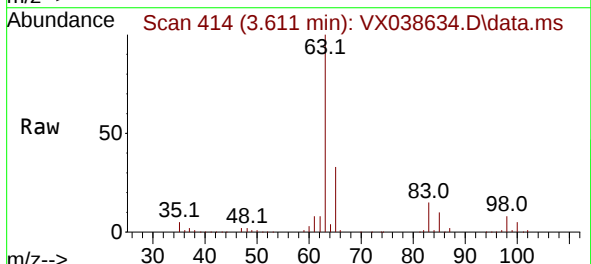
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

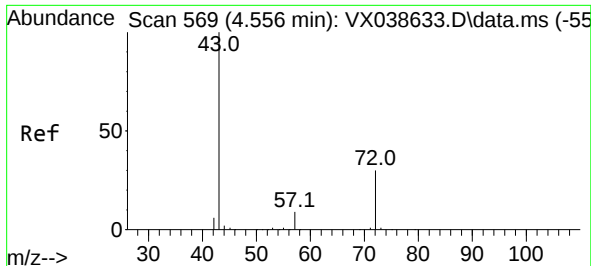
Tgt Ion: 43 Resp: 2654896
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 91.564 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038634.D
 Acq: 07 Nov 2023 15:08

Tgt Ion: 63 Resp: 471928
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.0 2.1 6.5

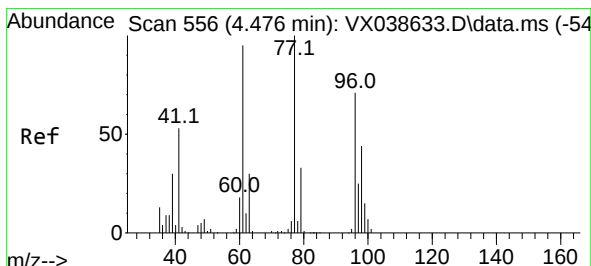
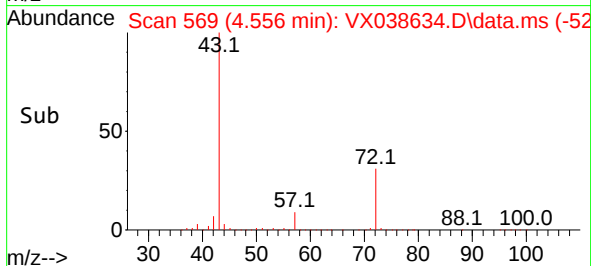
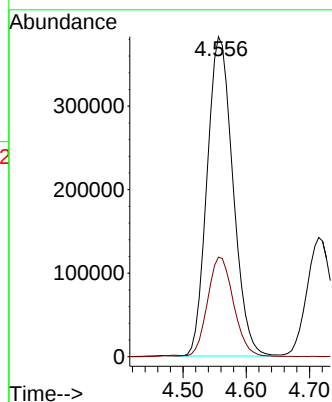
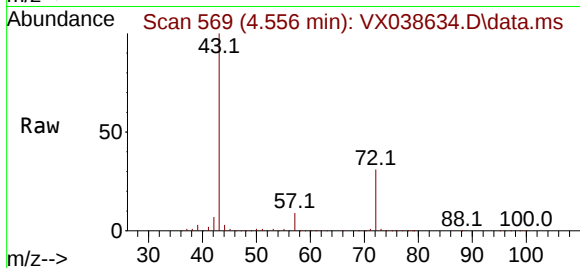




#25
2-Butanone
Concen: 463.010 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

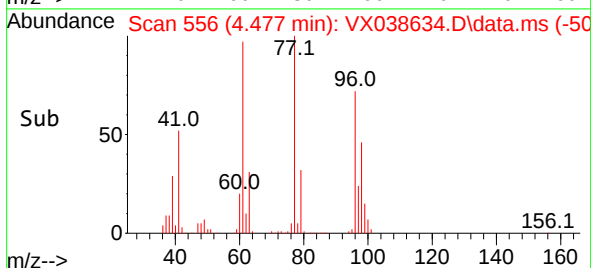
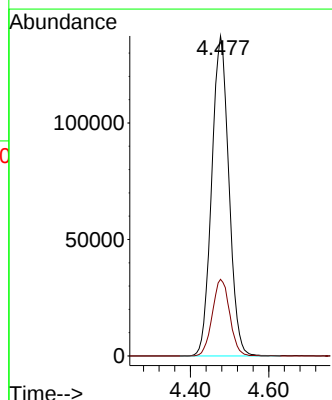
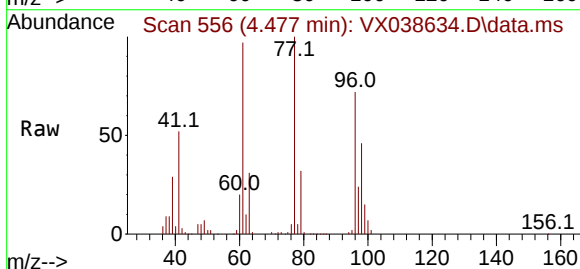
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

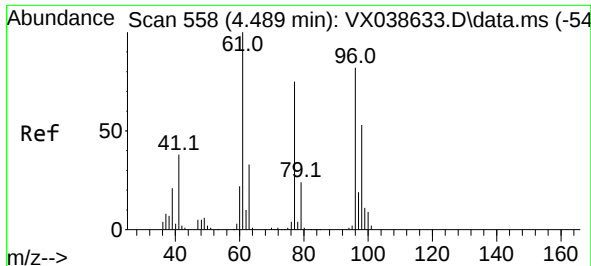
Tgt Ion: 43 Resp: 1087457
Ion Ratio Lower Upper
43 100
72 31.1 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 92.836 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 77 Resp: 417777
Ion Ratio Lower Upper
77 100
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 92.886 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

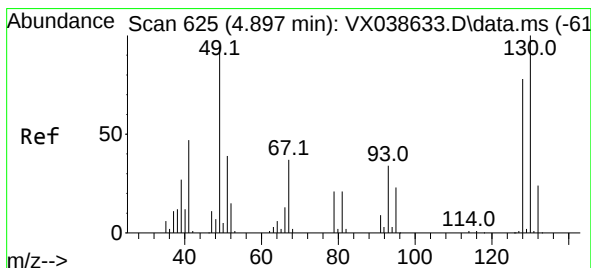
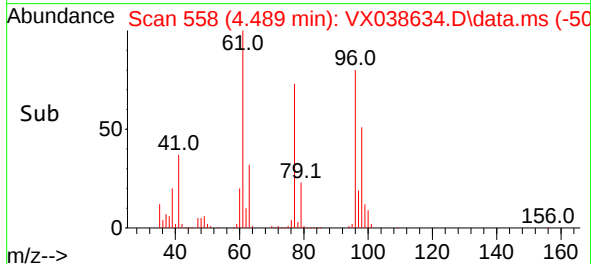
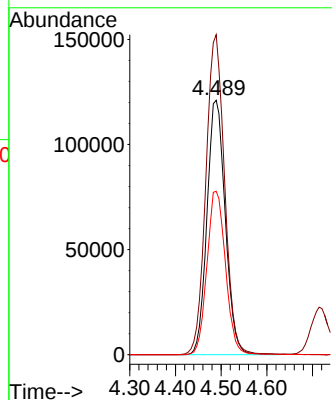
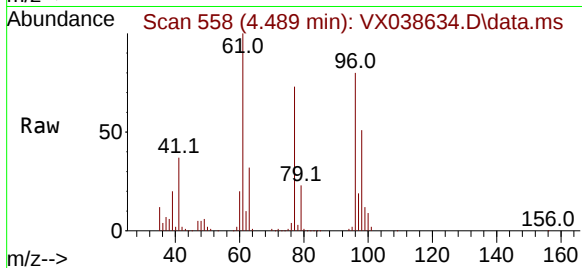
Tgt Ion: 96 Resp: 336988

Ion Ratio Lower Upper

96 100

61 128.6 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 102.694 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

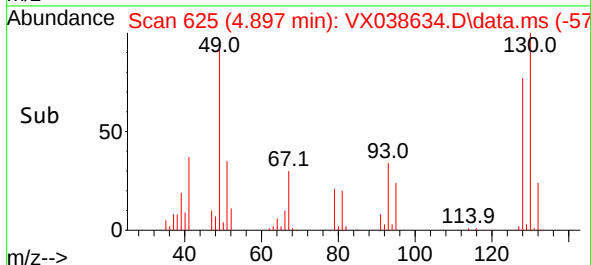
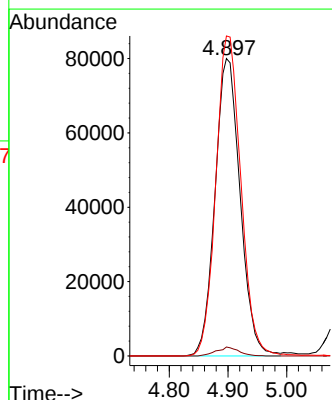
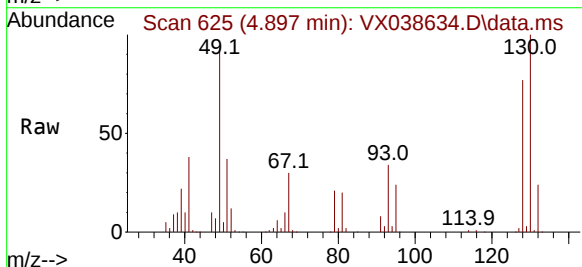
Tgt Ion: 49 Resp: 237866

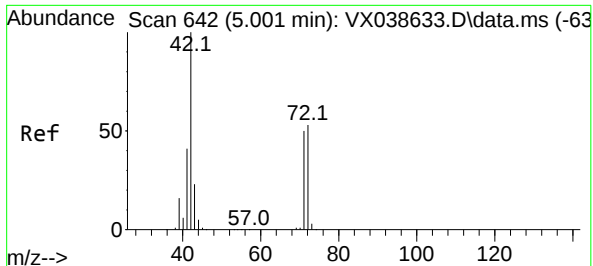
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 107.3 57.5 86.3#

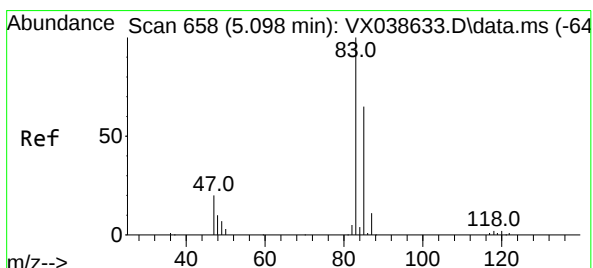
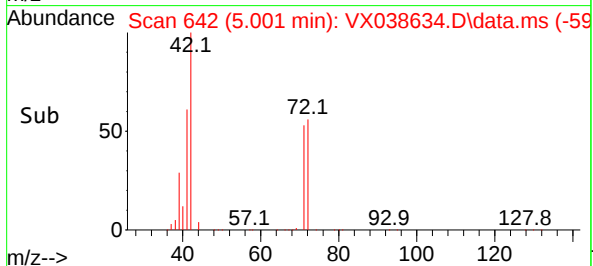
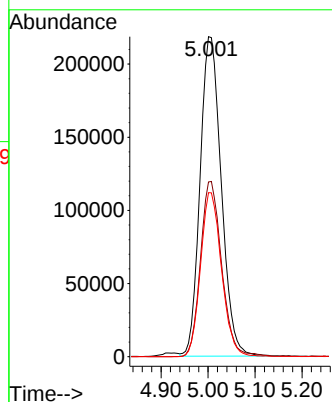
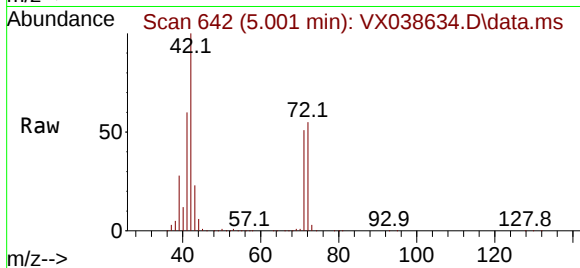




#29
Tetrahydrofuran
Concen: 469.024 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

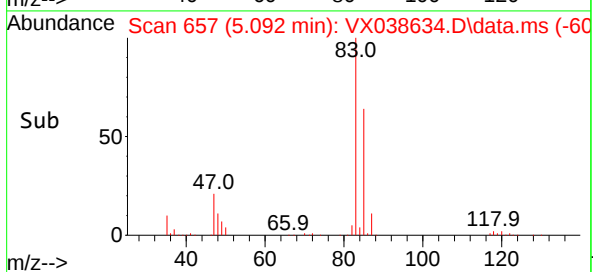
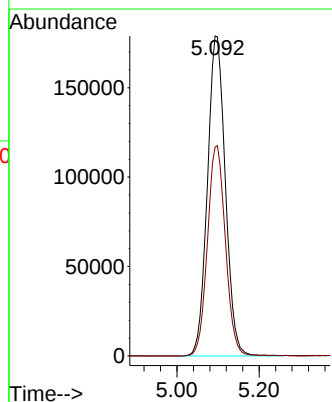
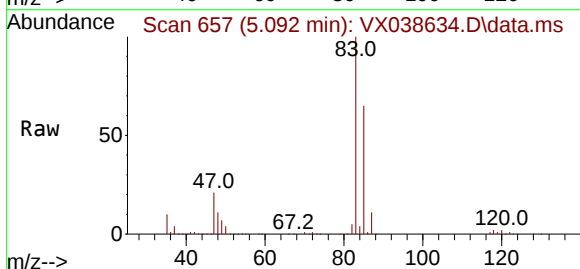
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

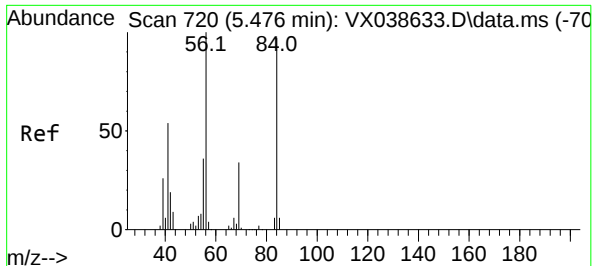
Tgt Ion: 42 Resp: 685374
Ion Ratio Lower Upper
42 100
72 55.0 34.2 51.4#
71 50.9 32.2 48.2#



#30
Chloroform
Concen: 89.630 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 83 Resp: 542023
Ion Ratio Lower Upper
83 100
85 65.3 50.3 75.5

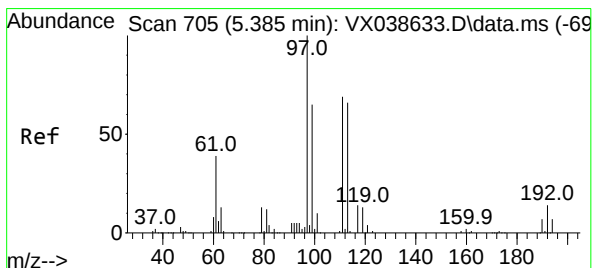
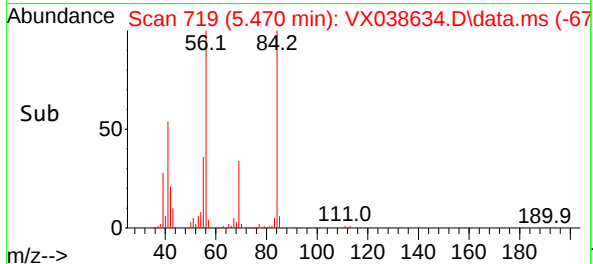
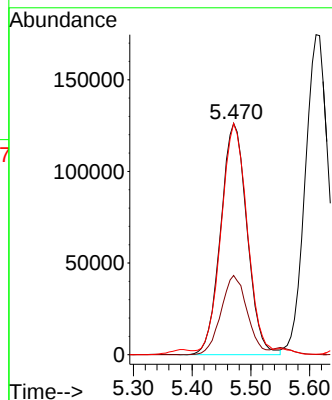
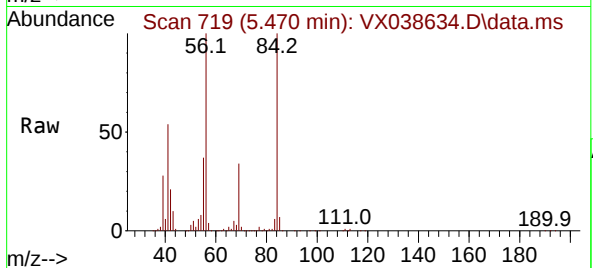




#31
Cyclohexane
Concen: 92.244 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

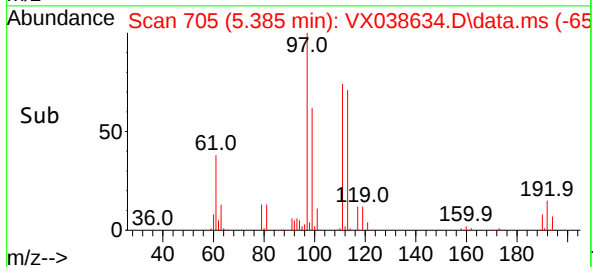
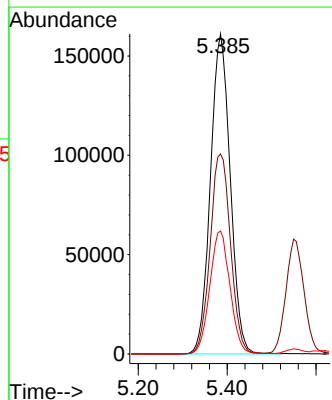
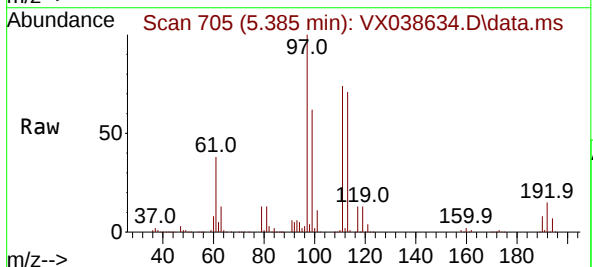
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

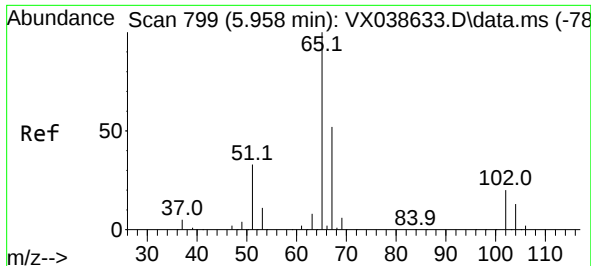
Tgt Ion: 56 Resp: 393022
Ion Ratio Lower Upper
56 100
69 34.2 23.4 35.2
84 97.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 93.502 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 97 Resp: 497610
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 39.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 96.271 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

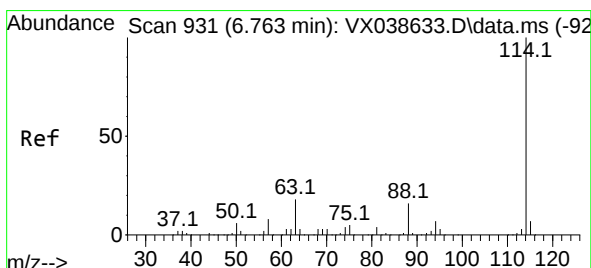
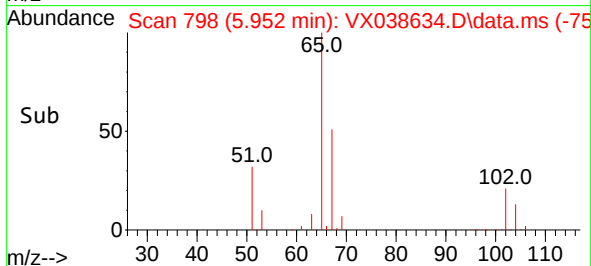
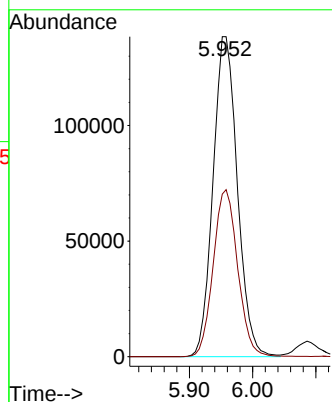
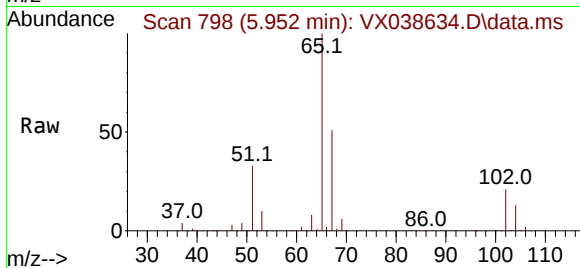
VSTDIC100

Tgt Ion: 65 Resp: 370615

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

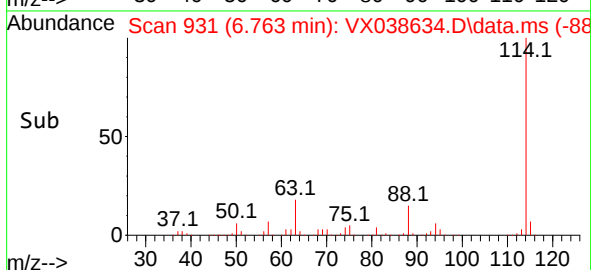
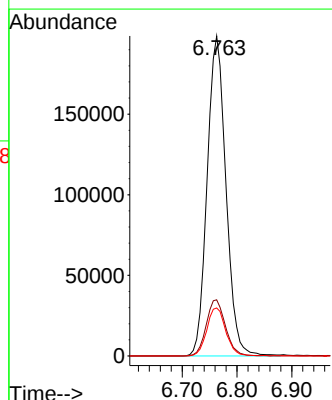
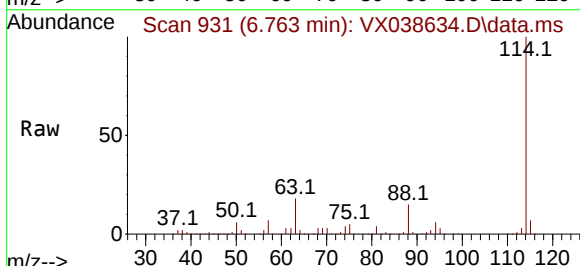
Tgt Ion: 114 Resp: 471992

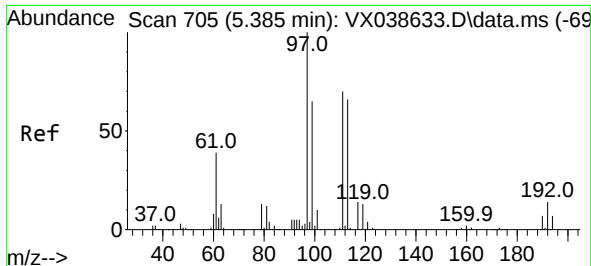
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 15.0 0.0 36.6

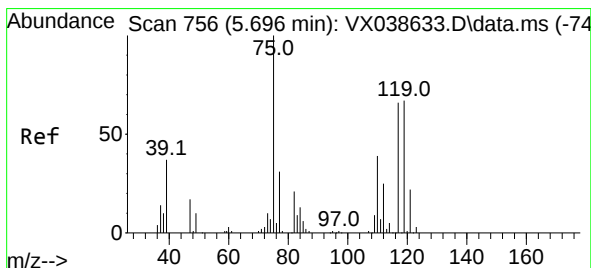
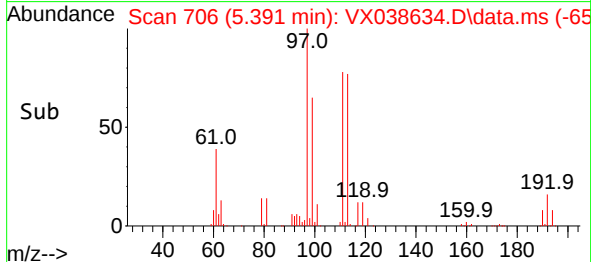
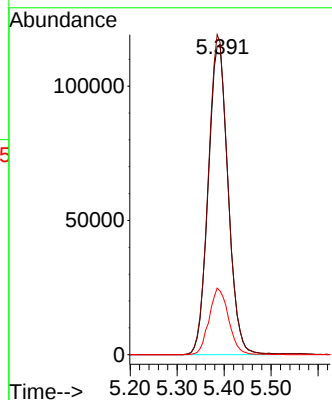
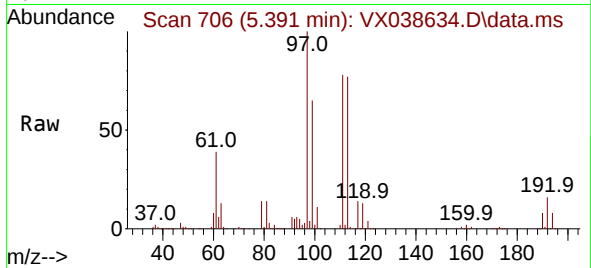




#35
Dibromofluoromethane
Concen: 99.729 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

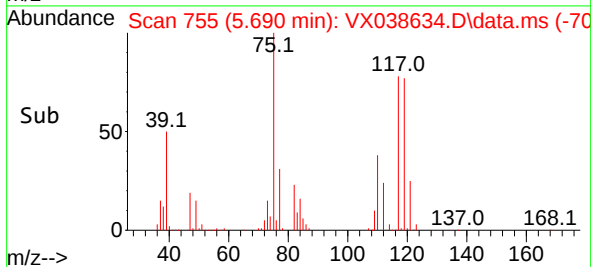
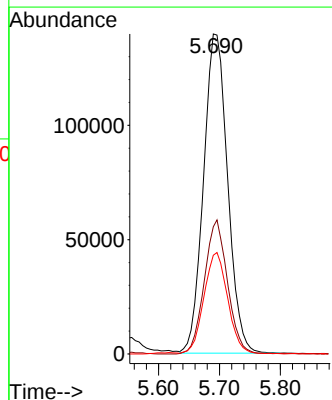
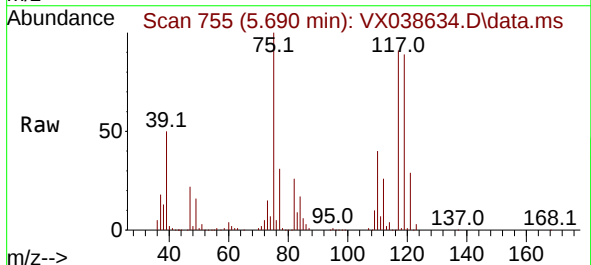
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

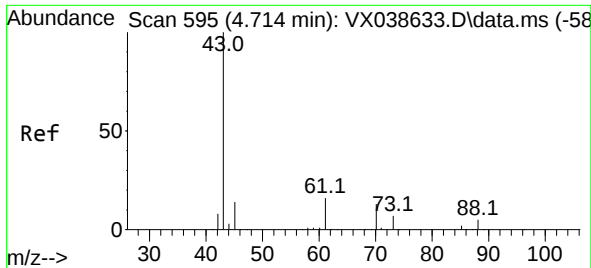
Tgt Ion:113 Resp: 339020
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 21.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 91.032 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 75 Resp: 384405
Ion Ratio Lower Upper
75 100
110 40.4 17.0 50.9
77 31.3 24.7 37.1

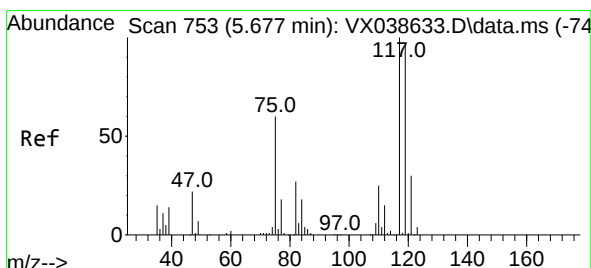
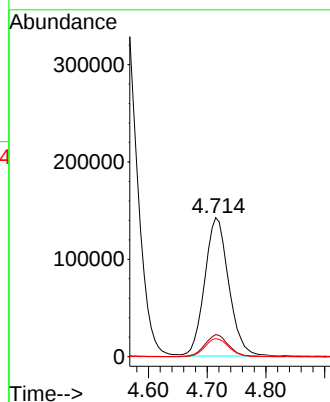
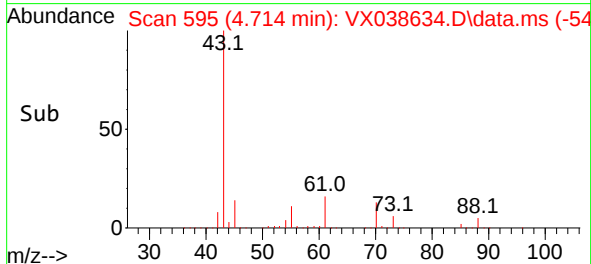
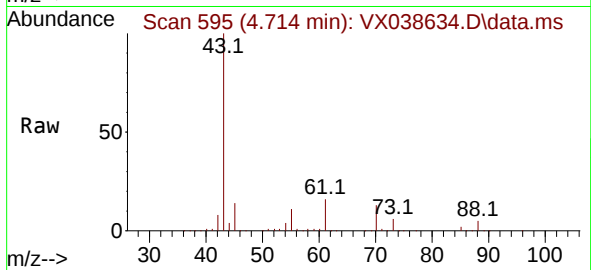




#37
Ethyl Acetate
Concen: 93.894 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

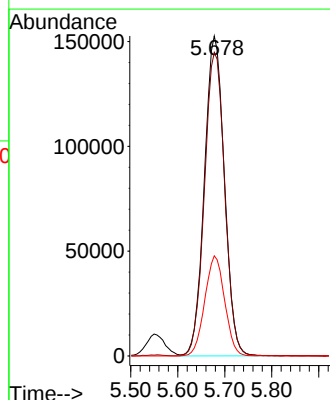
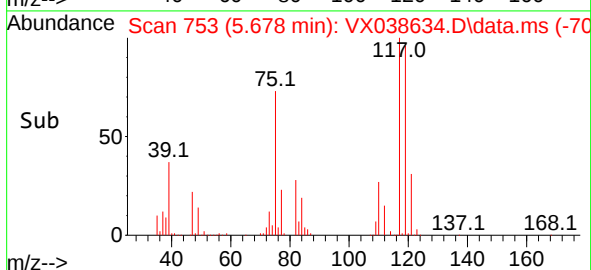
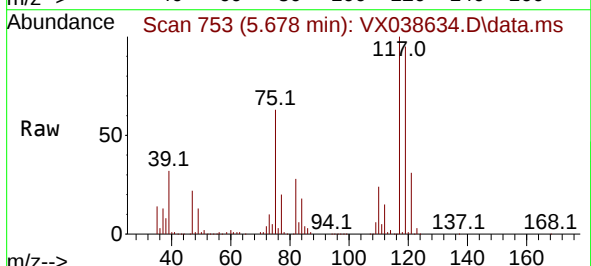
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

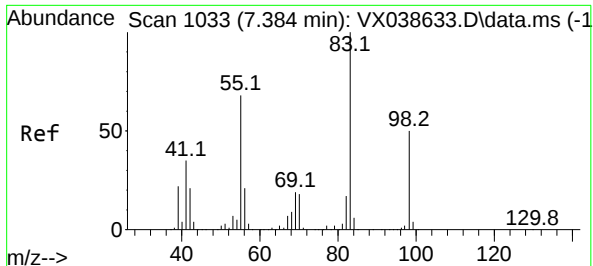
Tgt Ion: 43 Resp: 404811
Ion Ratio Lower Upper
43 100
61 15.5 10.6 16.0
70 13.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 95.435 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 117 Resp: 450521
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 93.121 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

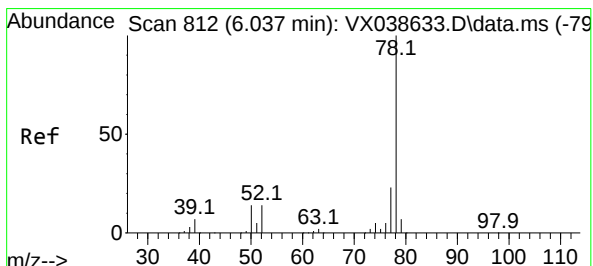
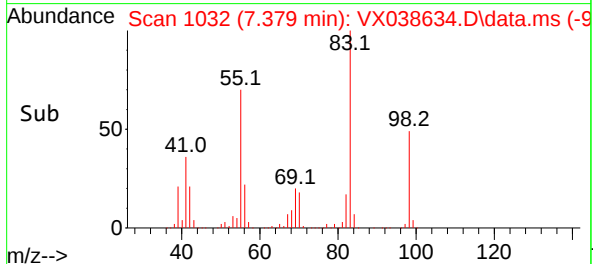
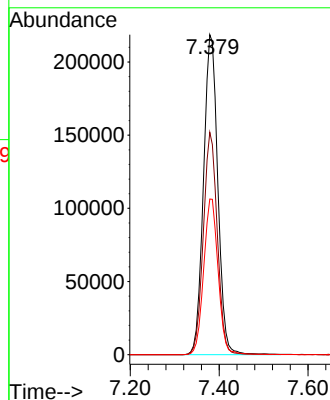
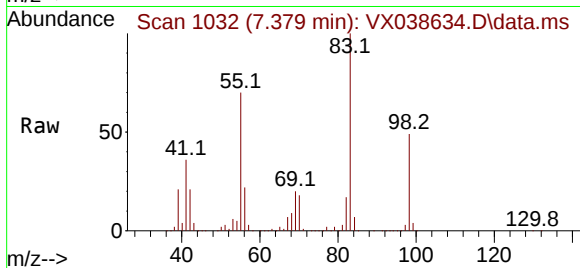
Tgt Ion: 83 Resp: 491639

Ion Ratio Lower Upper

83 100

55 69.5 64.6 97.0

98 48.6 36.7 55.1



#40

Benzene

Concen: 92.096 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038634.D

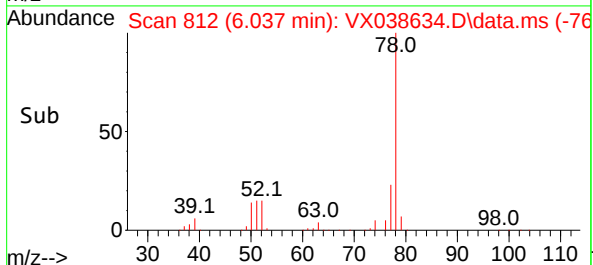
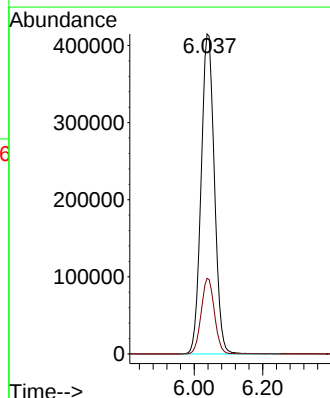
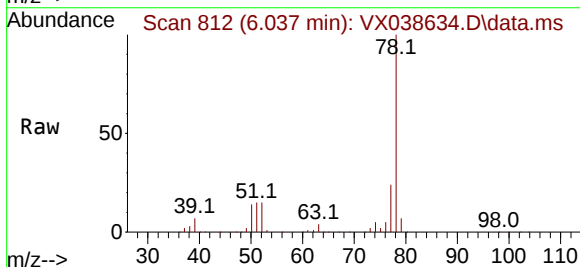
Acq: 07 Nov 2023 15:08

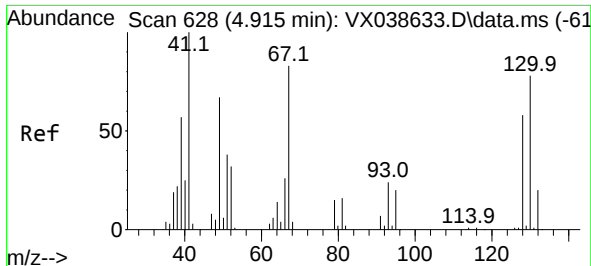
Tgt Ion: 78 Resp: 1120133

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



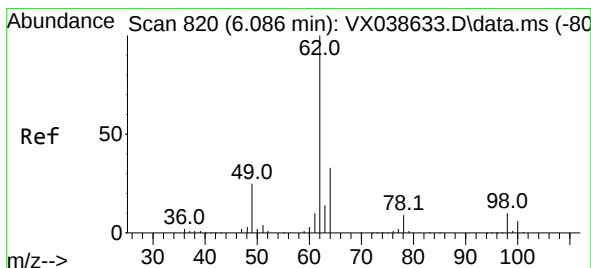
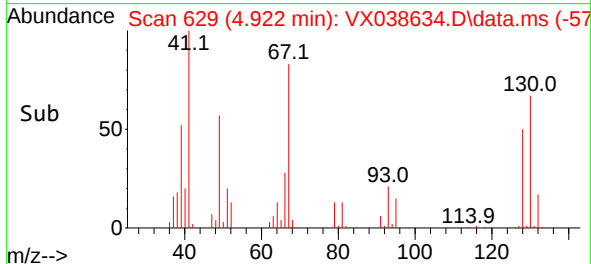
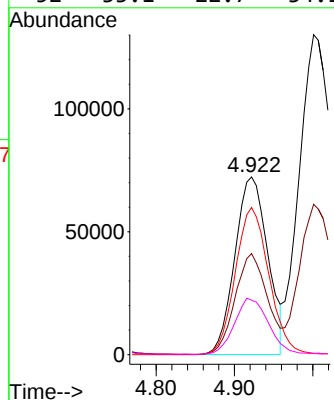
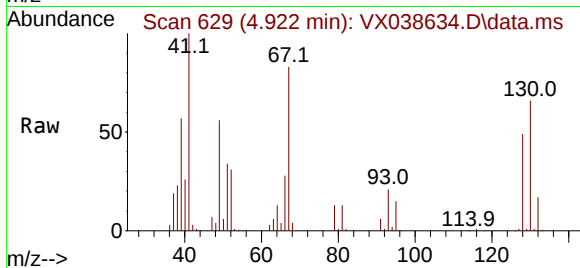


#41
Methacrylonitrile
Concen: 95.884 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 210606

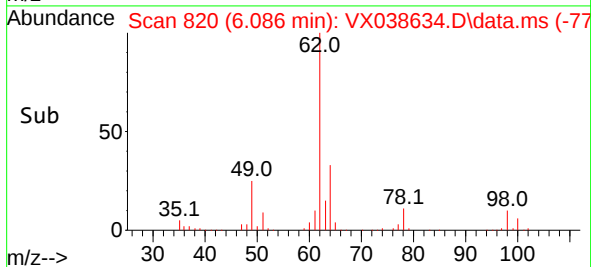
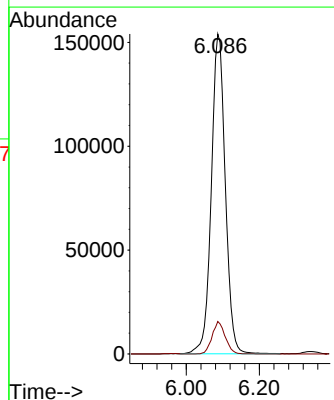
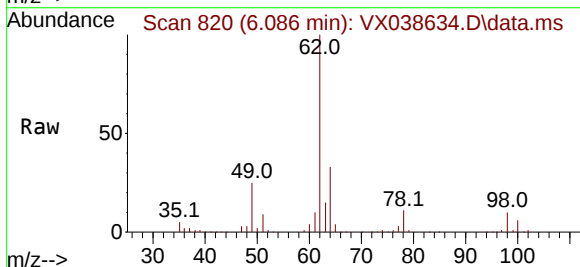
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.2	67.8
67	85.4	52.6	78.8
52	33.1	22.7	34.1

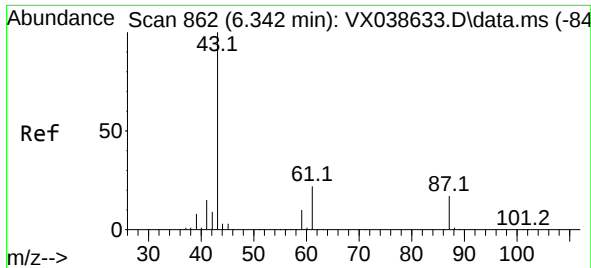


#42
1,2-Dichloroethane
Concen: 92.929 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 62 Resp: 407826

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.0





#43

Isopropyl Acetate

Concen: 95.585 ug/l

RT: 6.342 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

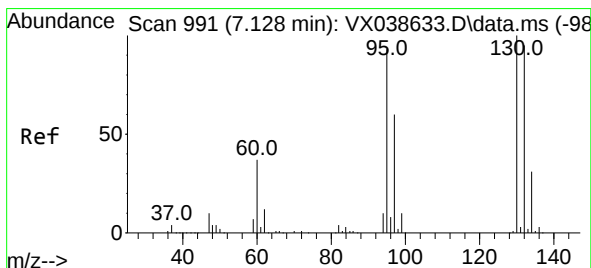
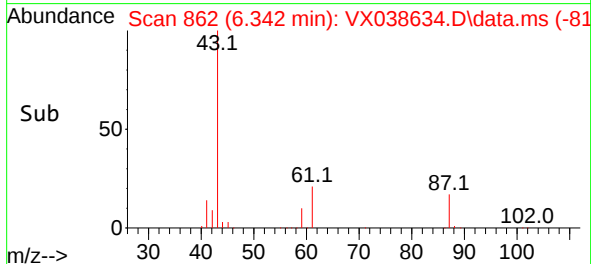
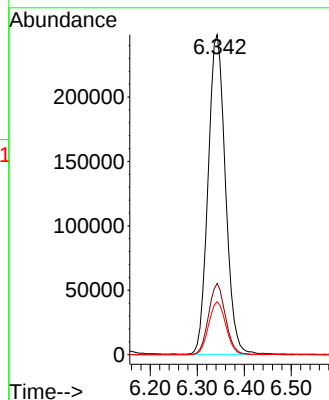
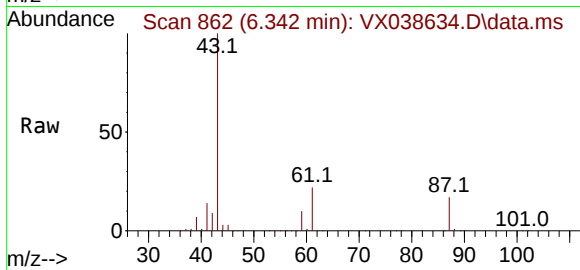
Tgt Ion: 43 Resp: 633558

Ion Ratio Lower Upper

43 100

61 21.7 15.2 22.8

87 16.5 9.8 14.6



#44

Trichloroethene

Concen: 92.753 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX038634.D

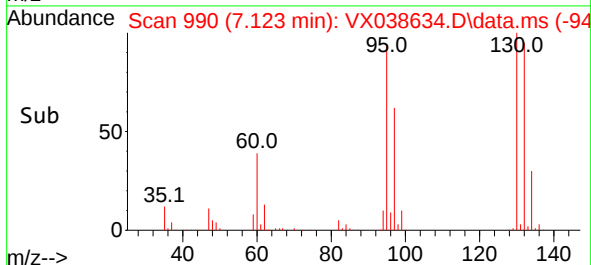
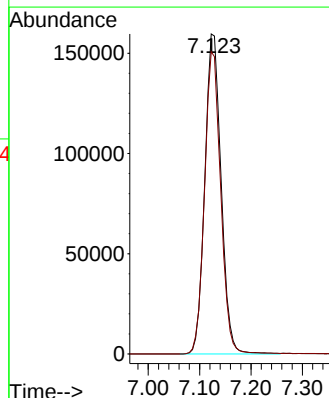
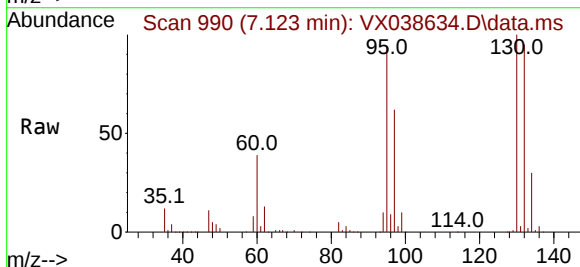
Acq: 07 Nov 2023 15:08

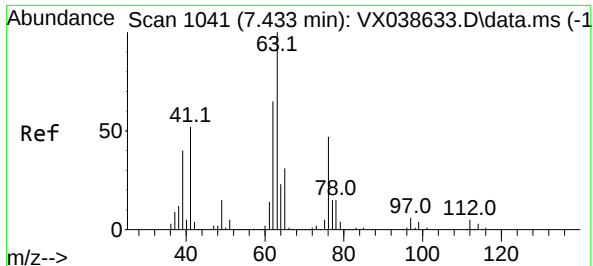
Tgt Ion:130 Resp: 351008

Ion Ratio Lower Upper

130 100

95 94.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 93.095 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

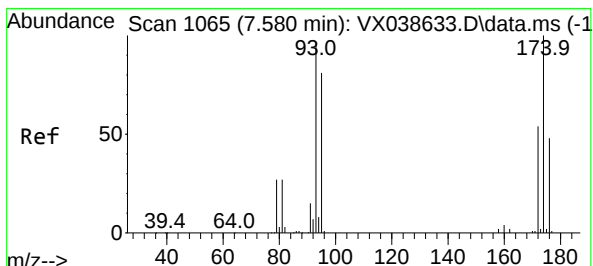
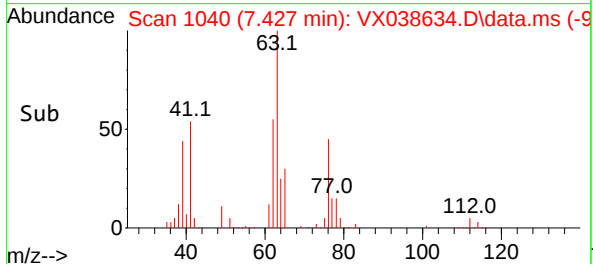
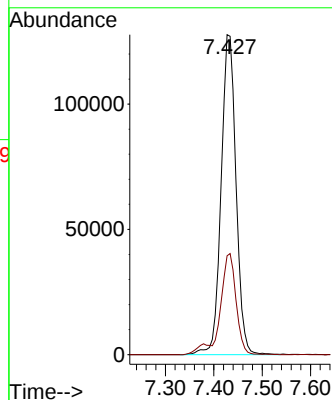
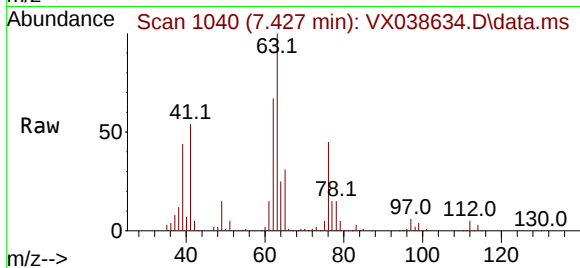
VSTDIC100

Tgt Ion: 63 Resp: 273719

Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



#46

Dibromomethane

Concen: 93.684 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

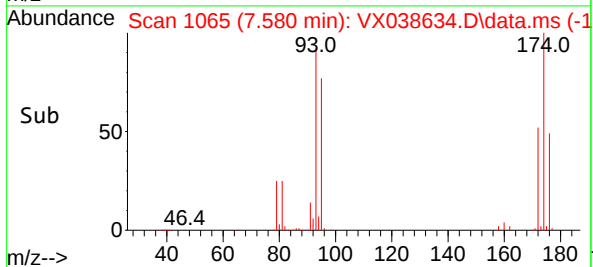
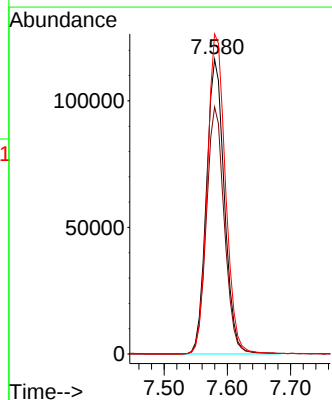
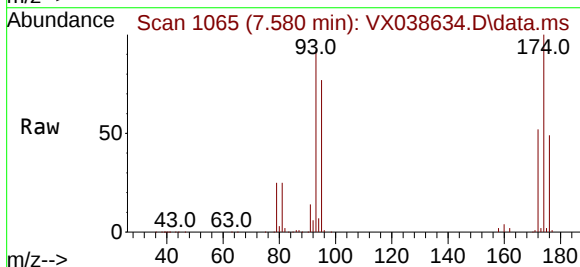
Tgt Ion: 93 Resp: 230355

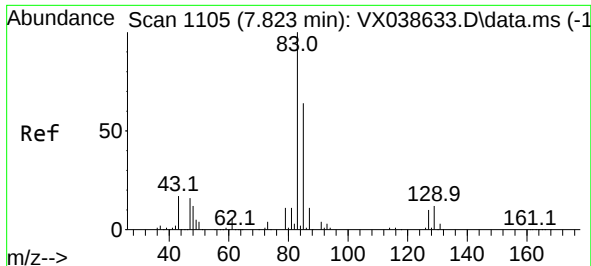
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 109.7 69.4 104.0#

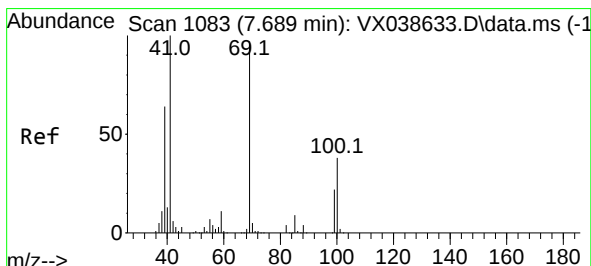
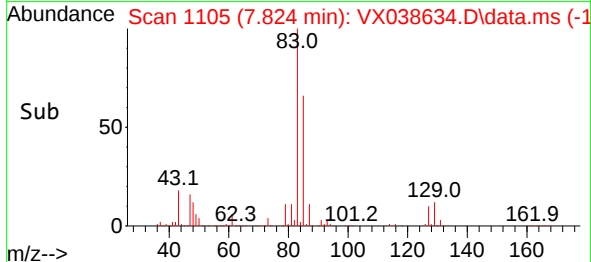
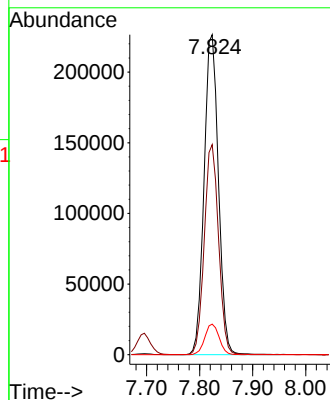
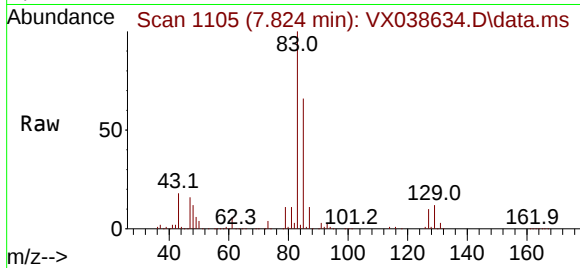




#47
Bromodichloromethane
Concen: 91.946 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

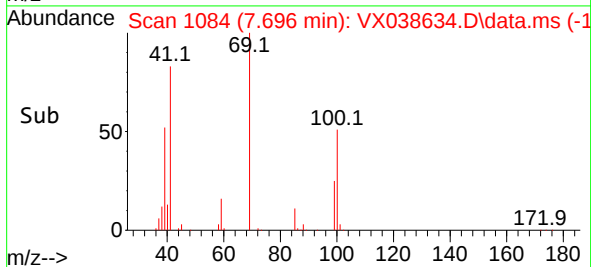
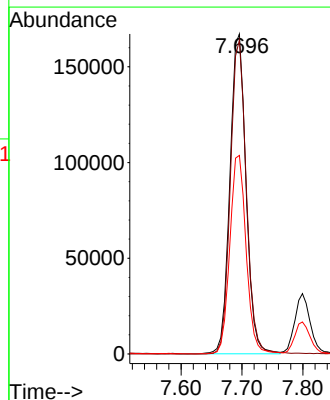
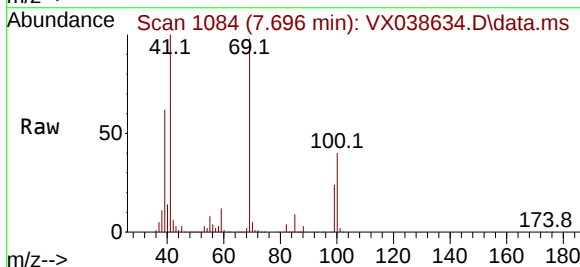
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

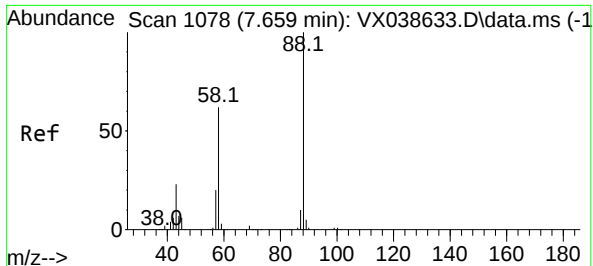
Tgt Ion: 83 Resp: 425182
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 96.134 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 41 Resp: 307080
Ion Ratio Lower Upper
41 100
69 97.1 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1928.354 ug/l

RT: 7.659 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

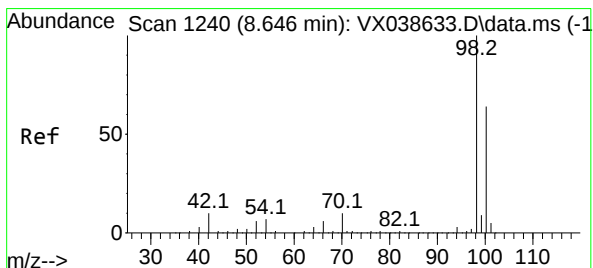
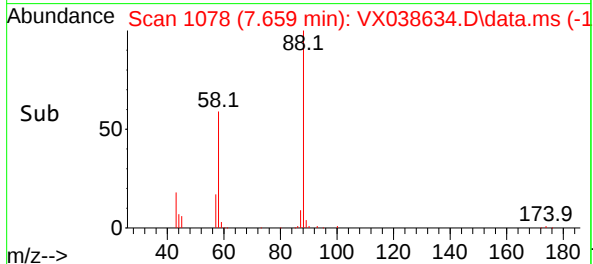
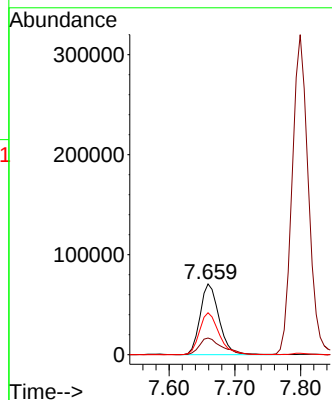
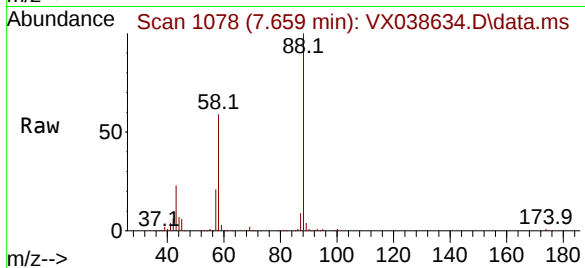
Tgt Ion: 88 Resp: 140227

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 61.8 60.1 90.1



#50

Toluene-d8

Concen: 98.883 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX038634.D

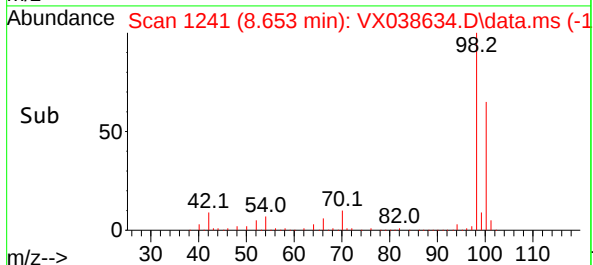
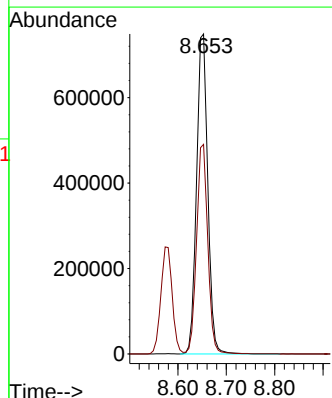
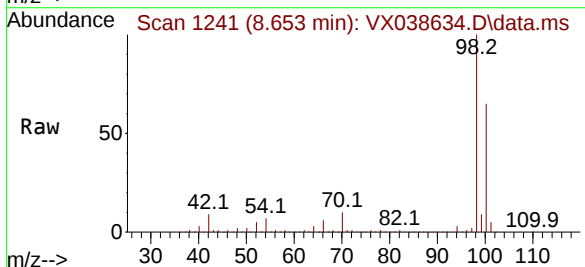
Acq: 07 Nov 2023 15:08

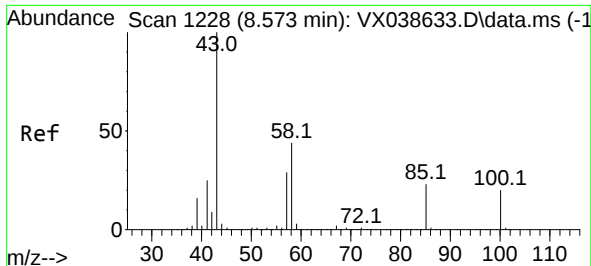
Tgt Ion: 98 Resp: 1202859

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

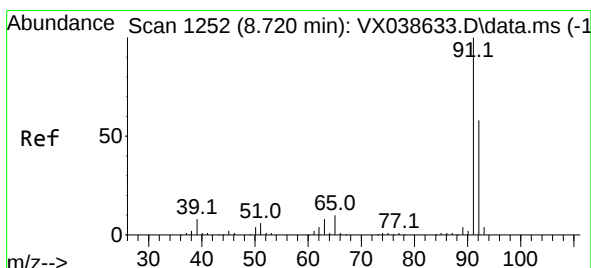
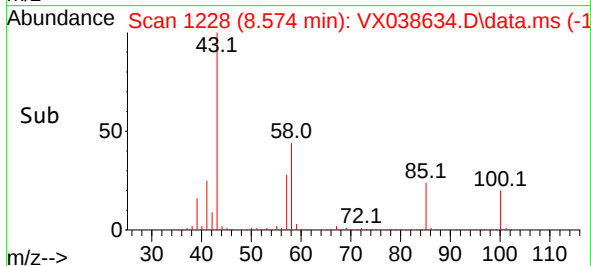
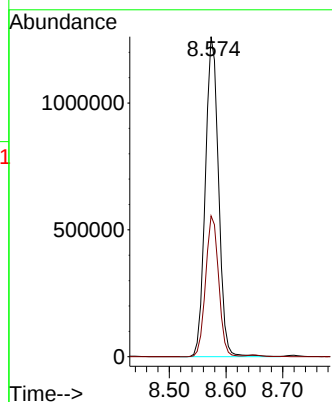
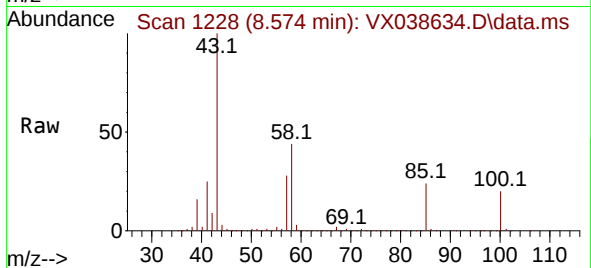




#51
4-Methyl-2-Pentanone
Concen: 473.374 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

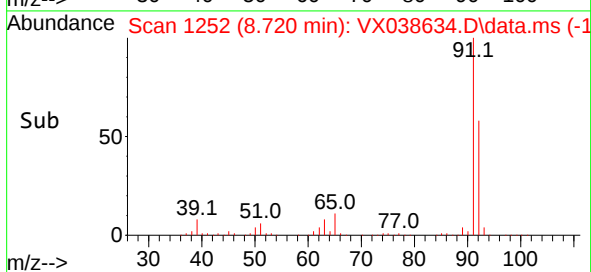
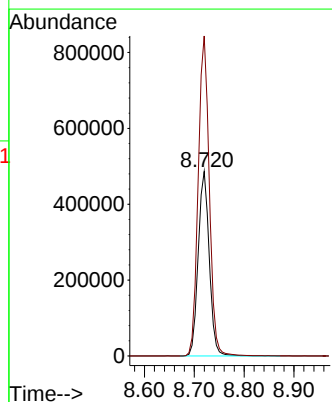
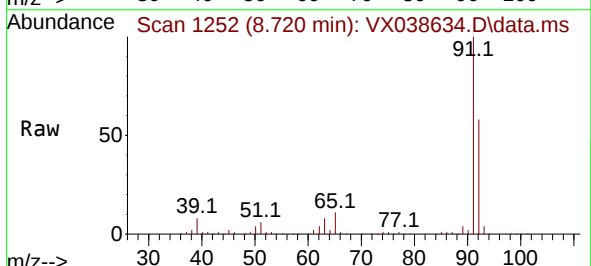
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

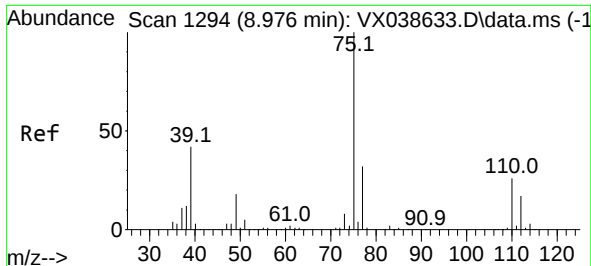
Tgt Ion: 43 Resp: 2044271
Ion Ratio Lower Upper
43 100
58 43.4 30.4 45.6



#52
Toluene
Concen: 93.928 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 92 Resp: 748372
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 100.192 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

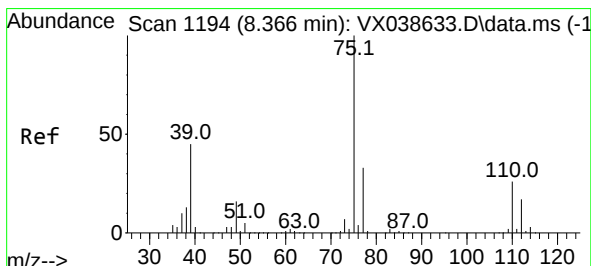
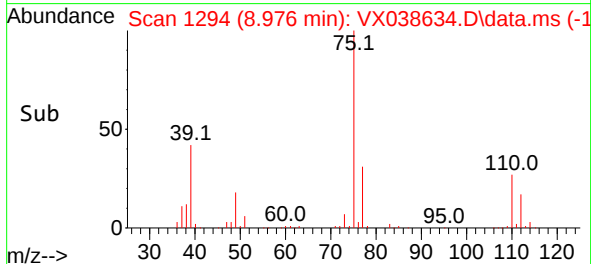
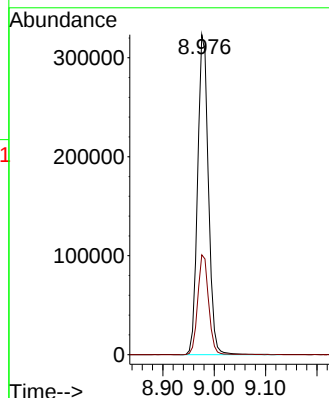
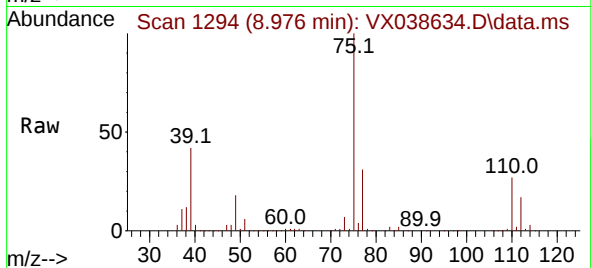
VSTDIC100

Tgt Ion: 75 Resp: 471693

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 97.177 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

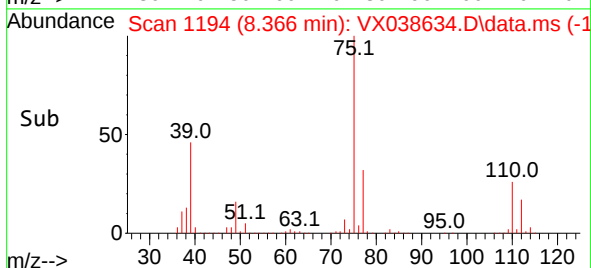
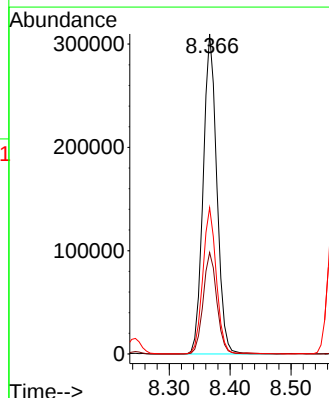
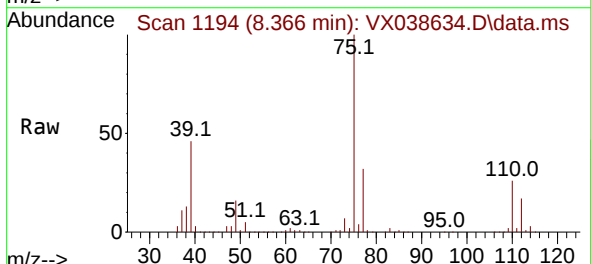
Tgt Ion: 75 Resp: 482968

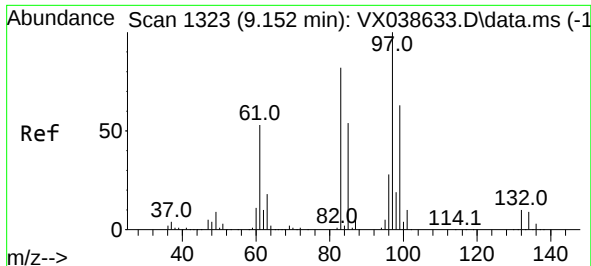
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 45.7 46.7 70.1#



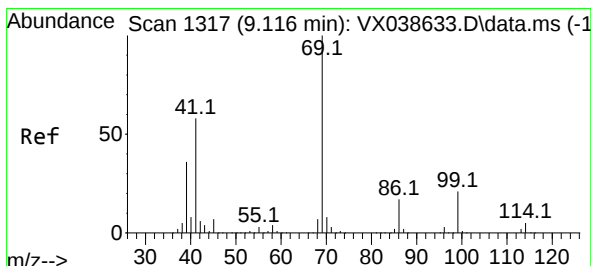
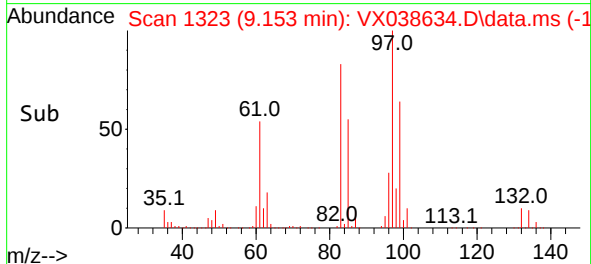
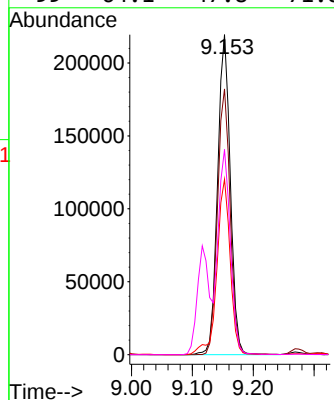
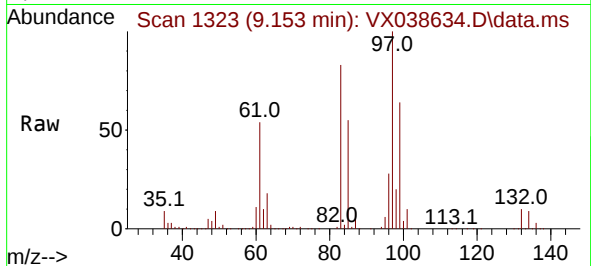


#55
1,1,2-Trichloroethane
Concen: 94.188 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 318416

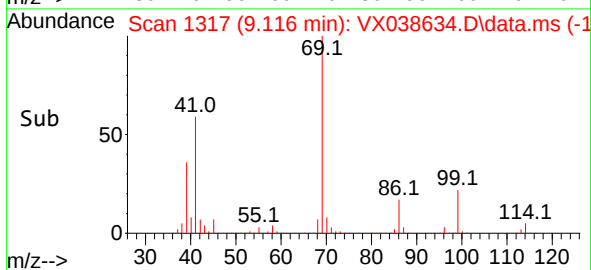
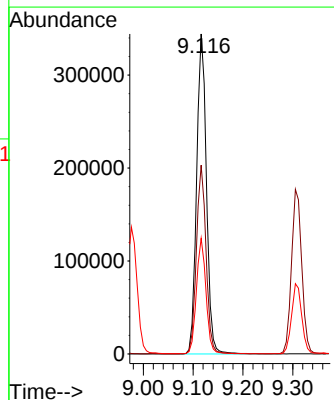
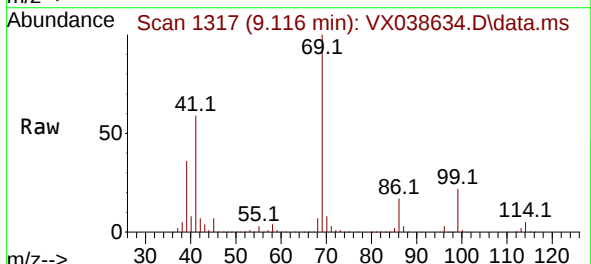
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.8	98.8
85	54.8	41.6	62.4
99	64.1	47.8	71.8

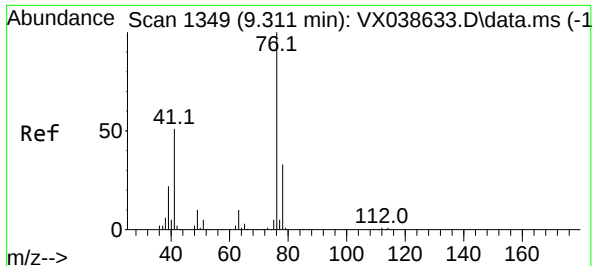


#56
Ethyl methacrylate
Concen: 99.489 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 69 Resp: 470570

Ion	Ratio	Lower	Upper
69	100		
41	58.1	56.8	85.2
39	35.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 93.453 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

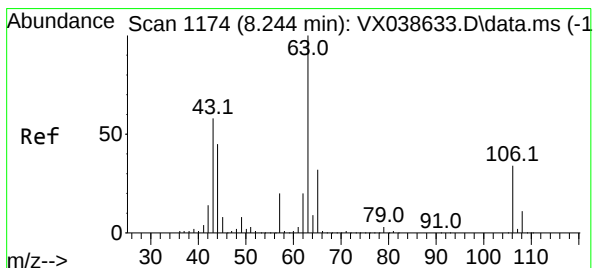
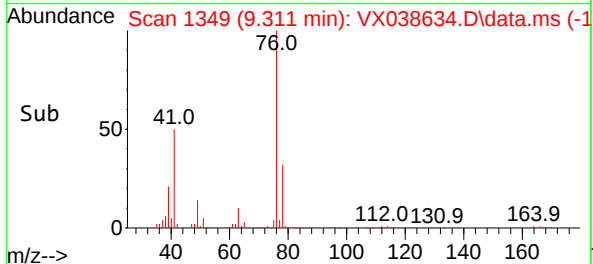
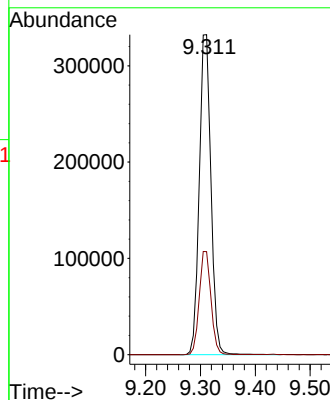
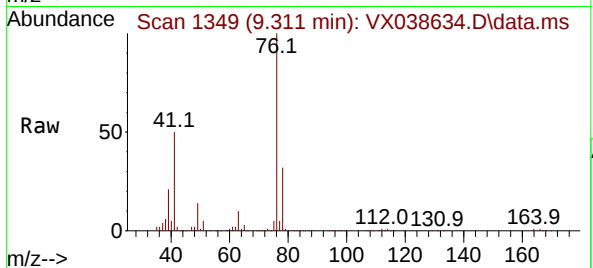
VSTDICC100

Tgt Ion: 76 Resp: 492080

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 499.196 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038634.D

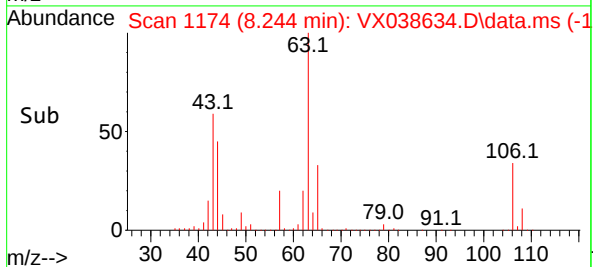
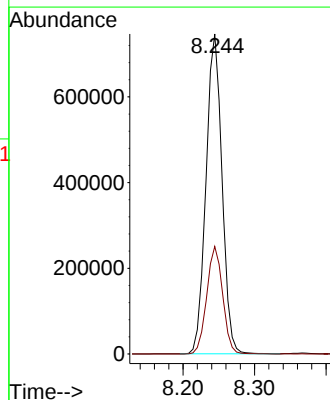
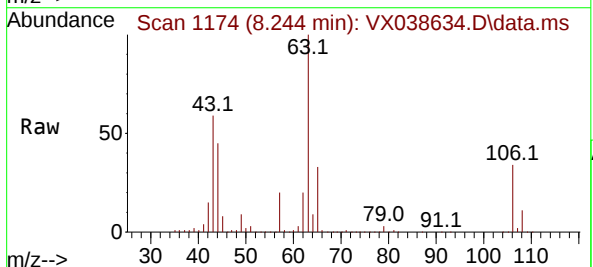
Acq: 07 Nov 2023 15:08

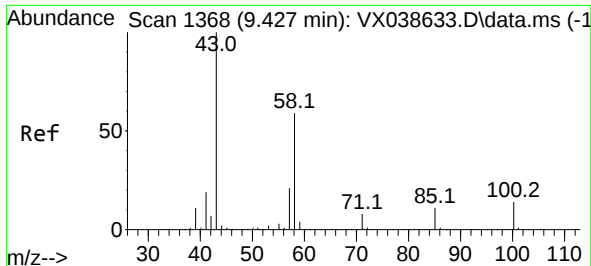
Tgt Ion: 63 Resp: 1160902

Ion Ratio Lower Upper

63 100

106 33.4 22.5 33.7

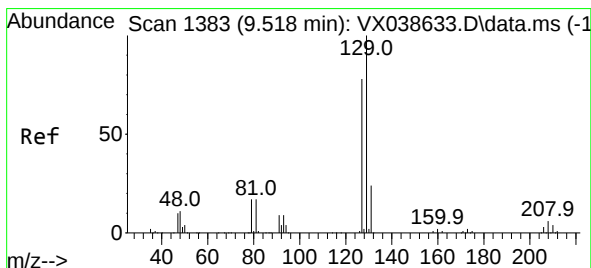
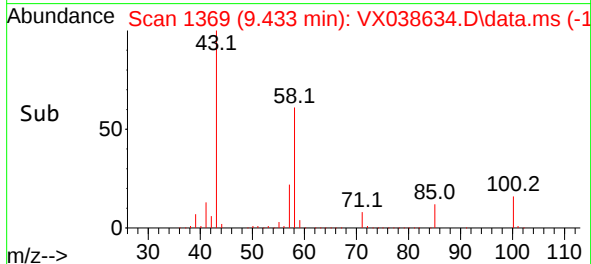
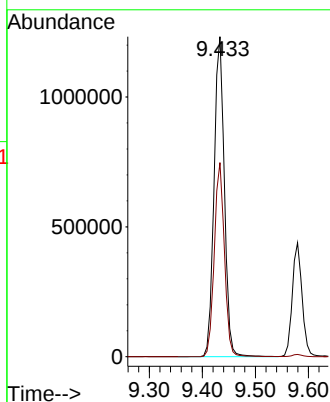
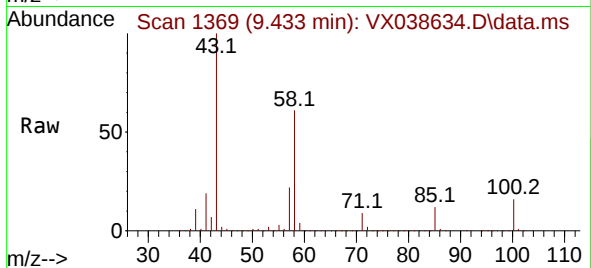




#59
2-Hexanone
Concen: 477.423 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

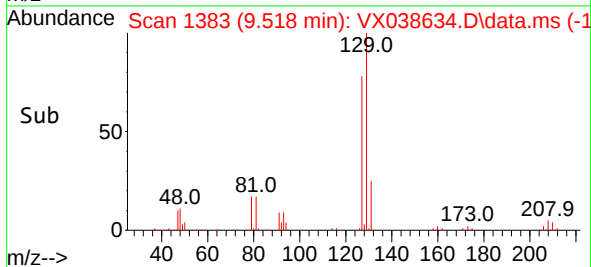
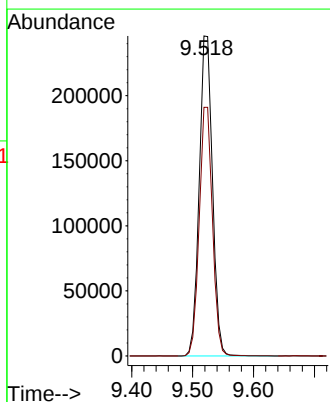
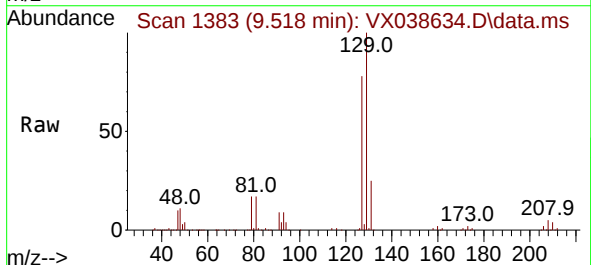
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

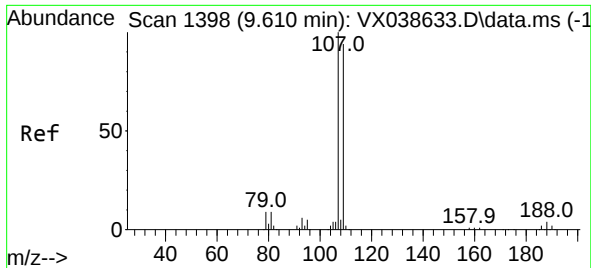
Tgt Ion: 43 Resp: 1668249
Ion Ratio Lower Upper
43 100
58 59.6 26.2 78.5



#60
Dibromochloromethane
Concen: 97.950 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 129 Resp: 371719
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

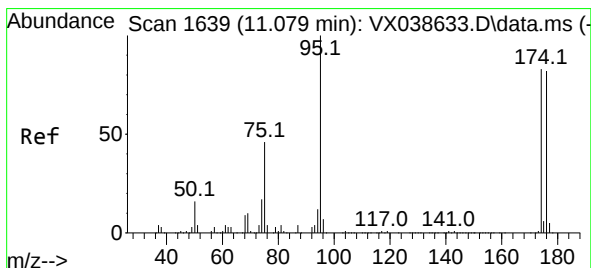
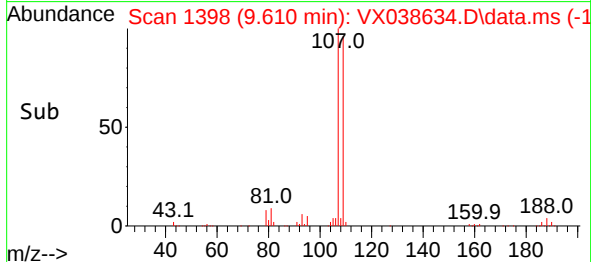
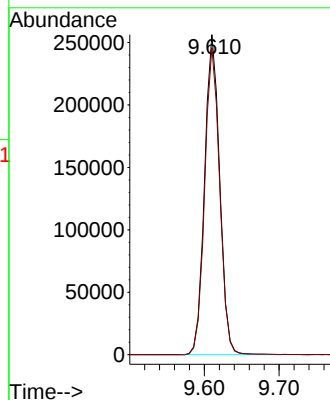
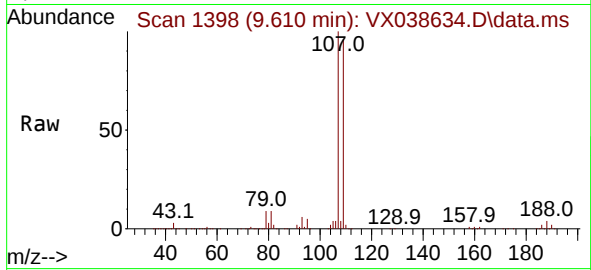




#61
1,2-Dibromoethane
Concen: 94.293 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

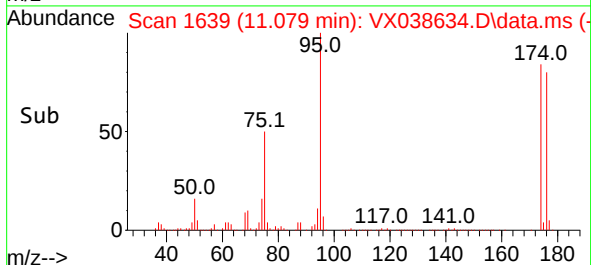
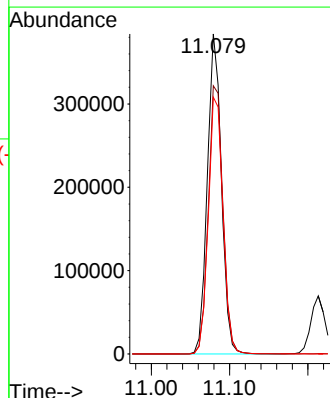
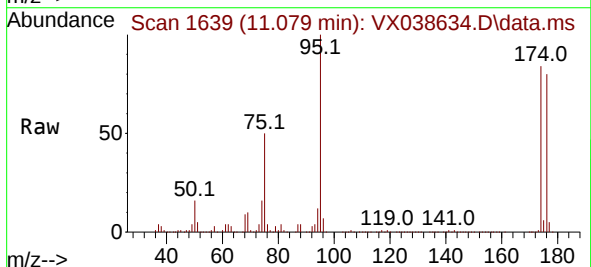
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

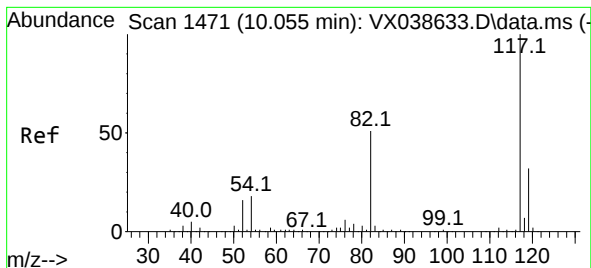
Tgt Ion:107 Resp: 358257
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 101.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 95 Resp: 476487
Ion Ratio Lower Upper
95 100
174 87.9 0.0 135.6
176 84.0 0.0 131.0

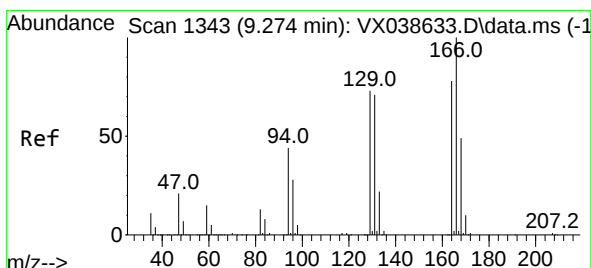
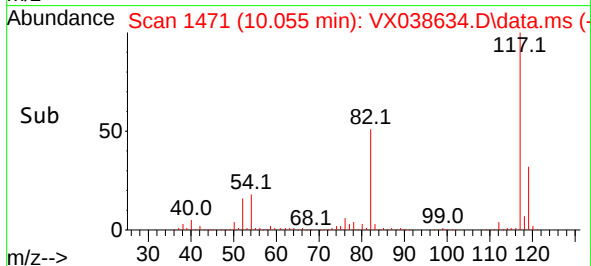
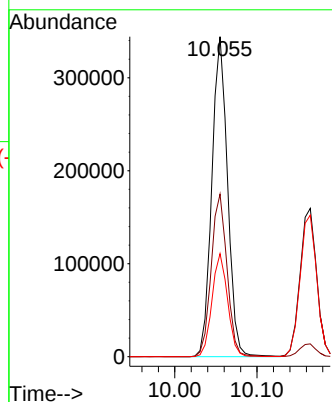
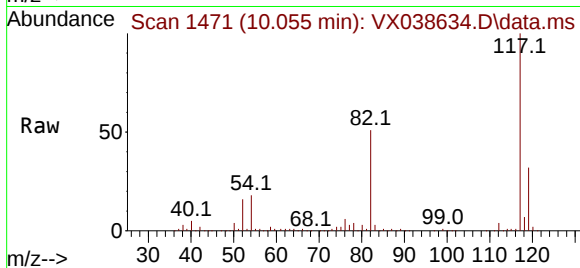




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

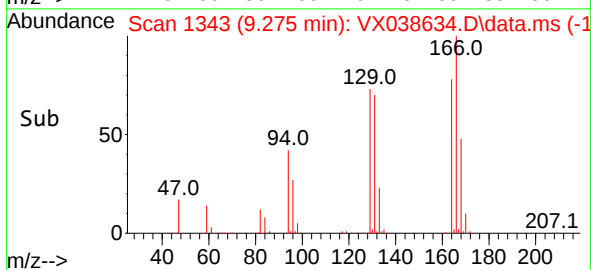
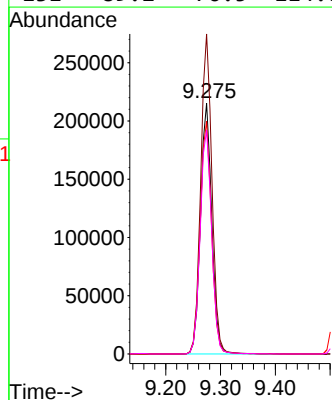
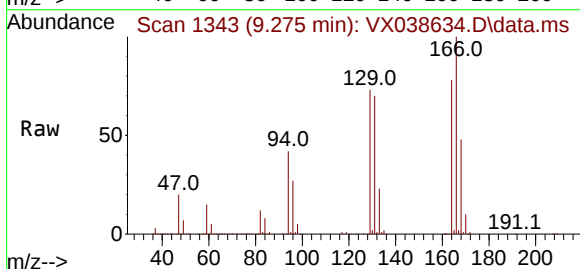
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

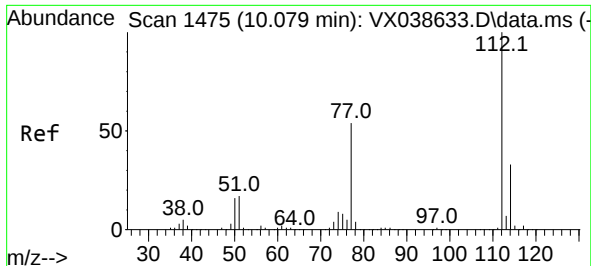
Tgt Ion:117 Resp: 456704
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 89.976 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion:164 Resp: 307588
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 92.8 80.4 120.6
131 89.2 76.5 114.7

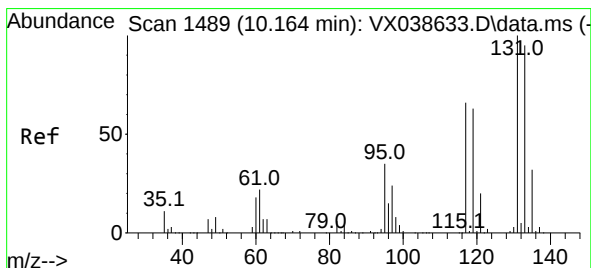
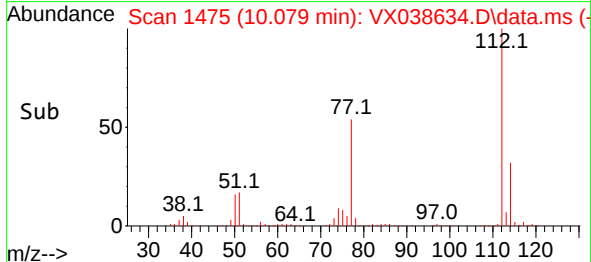
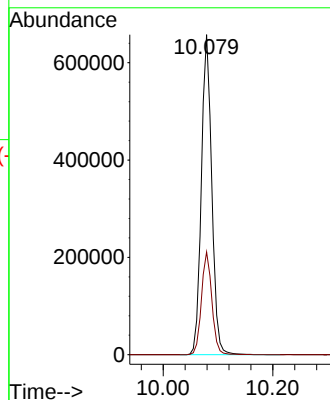
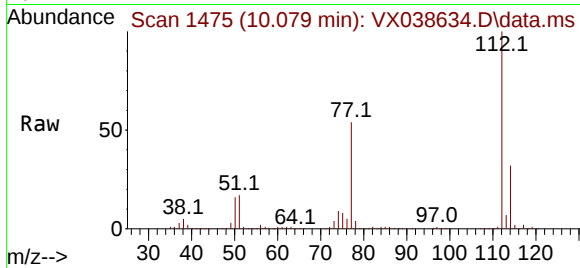




#65
Chlorobenzene
Concen: 93.153 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

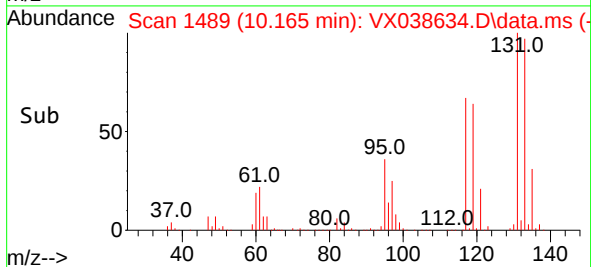
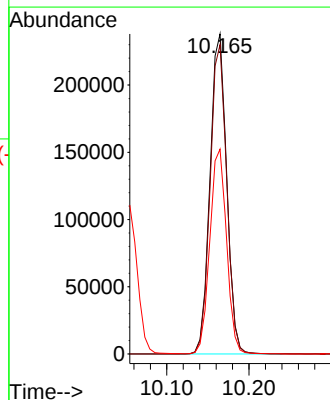
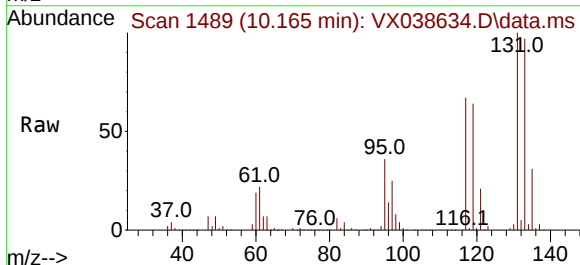
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

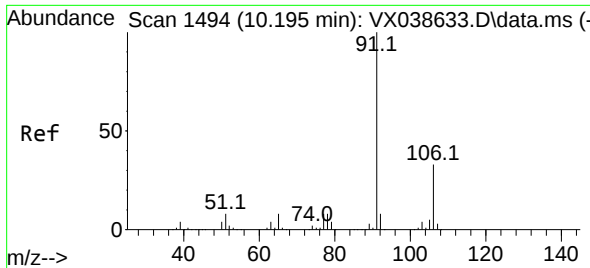
Tgt Ion:112 Resp: 866042
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 95.863 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion:131 Resp: 335040
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 93.674 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

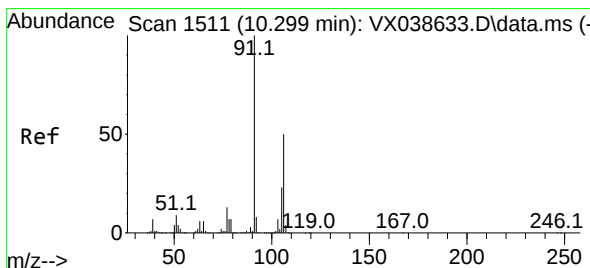
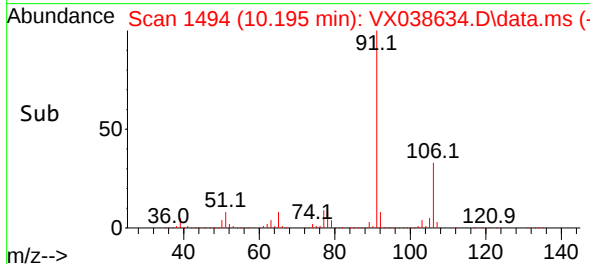
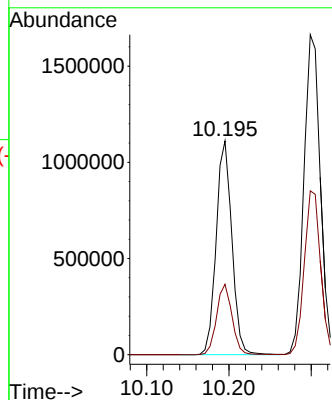
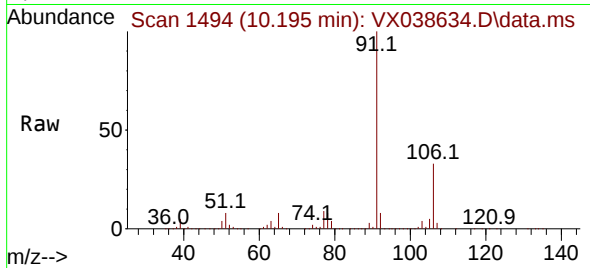
VSTDICC100

Tgt Ion: 91 Resp: 1473131

Ion Ratio Lower Upper

91 100

106 33.0 24.9 37.3



#68

m/p-Xylenes

Concen: 188.953 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038634.D

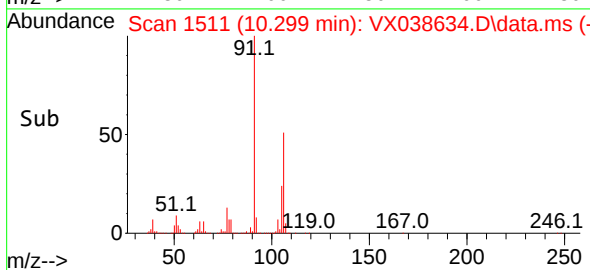
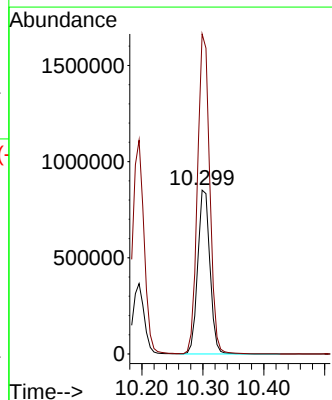
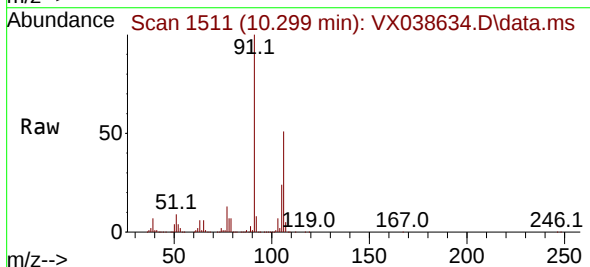
Acq: 07 Nov 2023 15:08

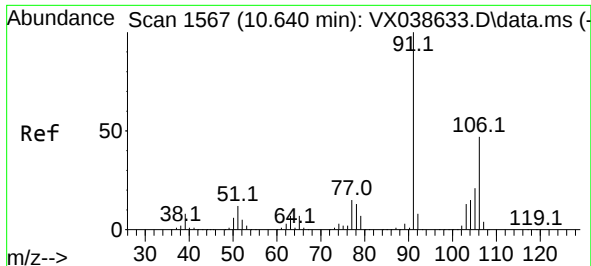
Tgt Ion:106 Resp: 1179346

Ion Ratio Lower Upper

106 100

91 195.7 165.5 248.3

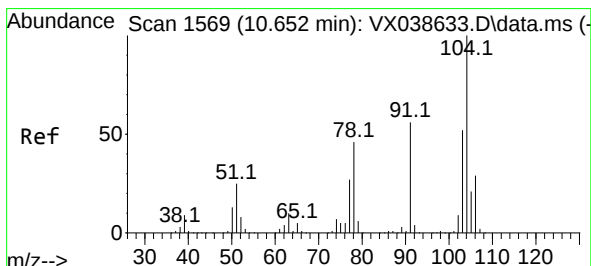
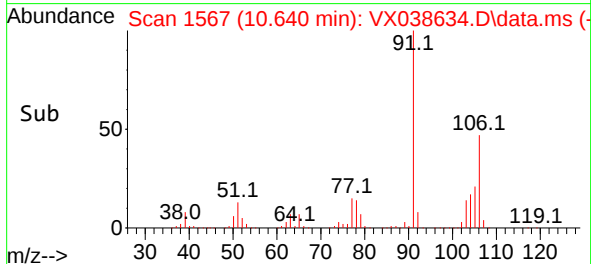
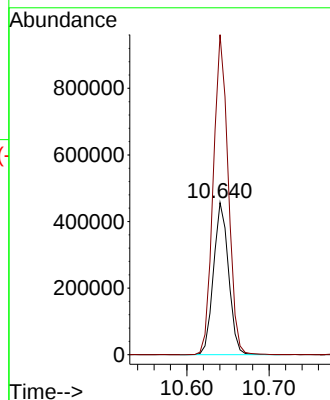
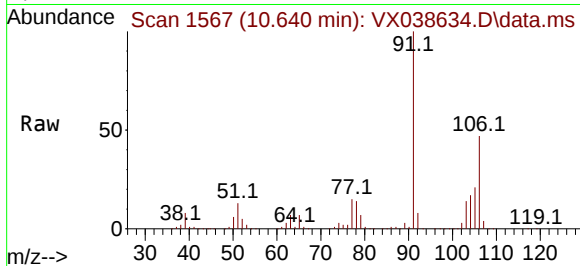




#69
o-Xylene
Concen: 95.509 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

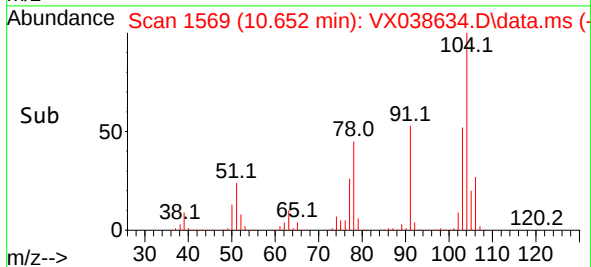
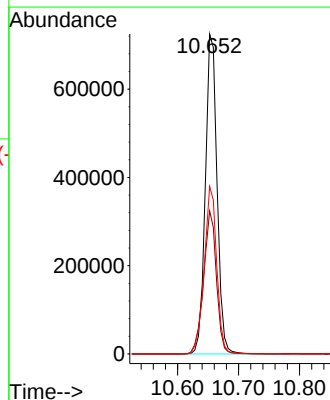
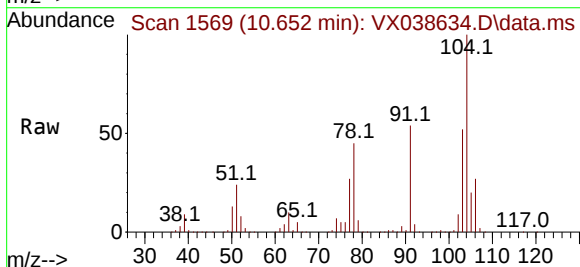
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

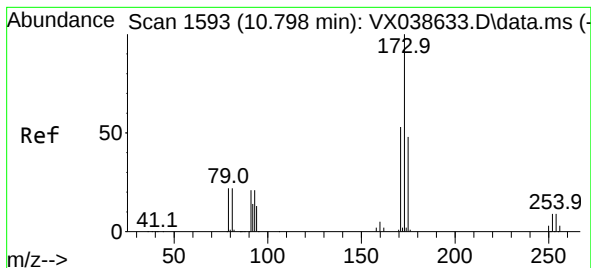
Tgt Ion:106 Resp: 579703
Ion Ratio Lower Upper
106 100
91 209.1 108.9 326.8



#70
Styrene
Concen: 96.868 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion:104 Resp: 970358
Ion Ratio Lower Upper
104 100
78 48.9 43.6 65.4
103 56.1 43.6 65.4





#71

Bromoform

Concen: 101.680 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

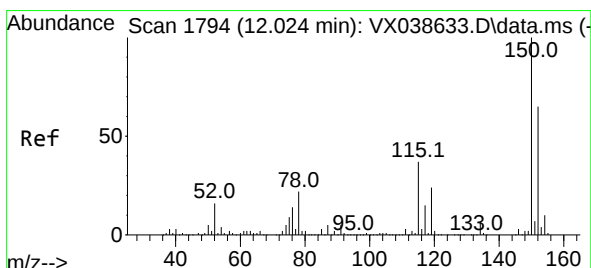
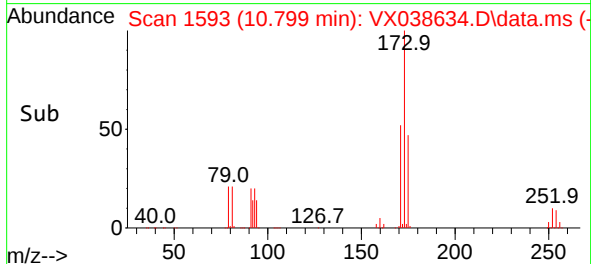
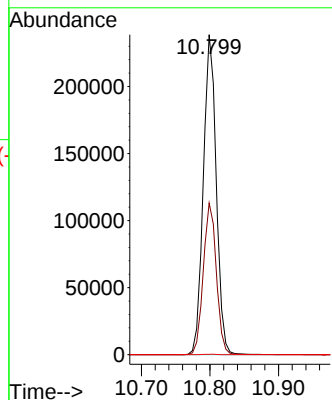
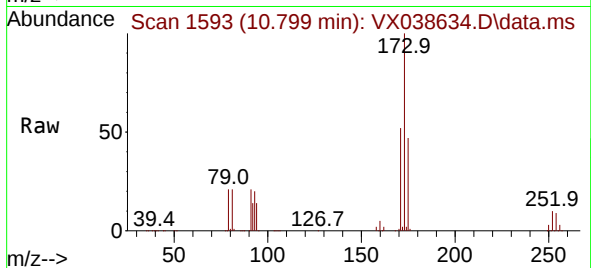
Tgt Ion:173 Resp: 313662

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

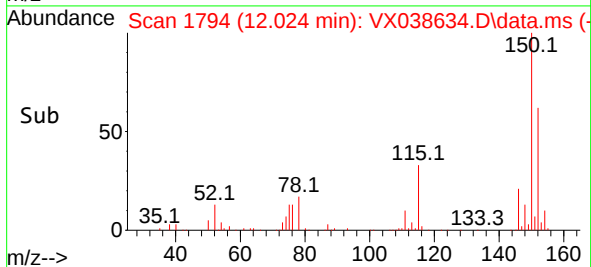
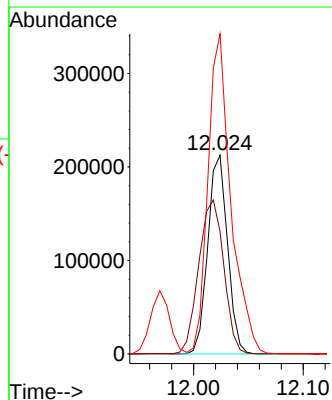
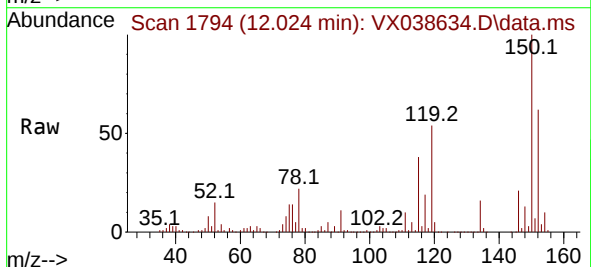
Tgt Ion:152 Resp: 265370

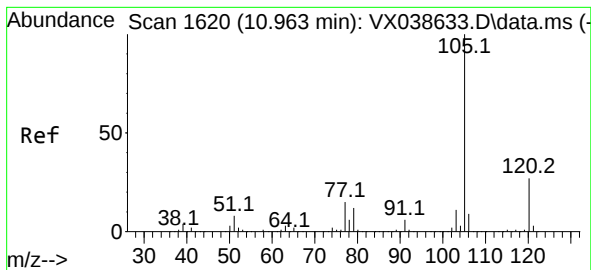
Ion Ratio Lower Upper

152 100

115 98.6 43.3 129.9

150 186.6 0.0 345.0





#73

Isopropylbenzene

Concen: 93.133 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

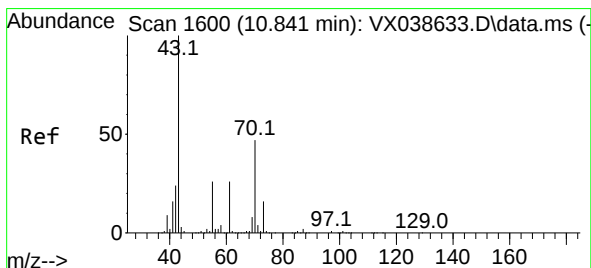
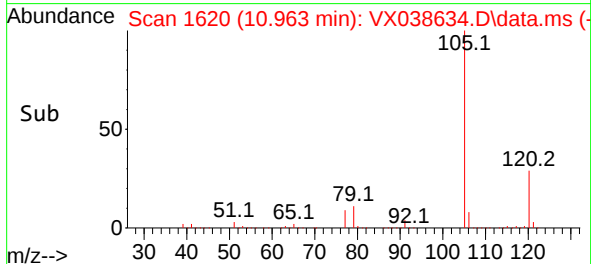
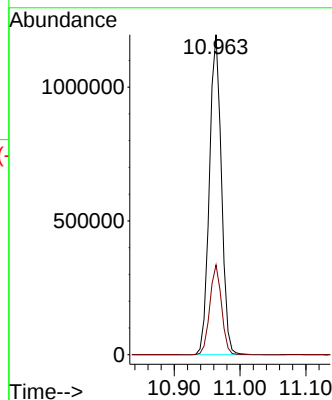
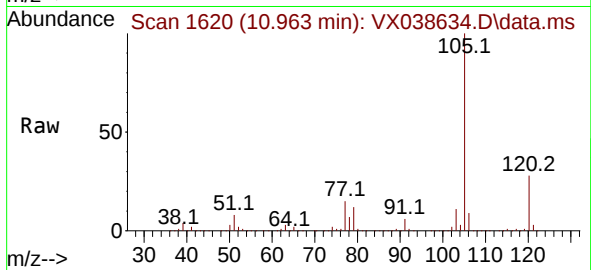
VSTDICC100

Tgt Ion:105 Resp: 1516234

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6



#74

N-ethyl acetate

Concen: 99.861 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Tgt Ion: 43 Resp: 564884

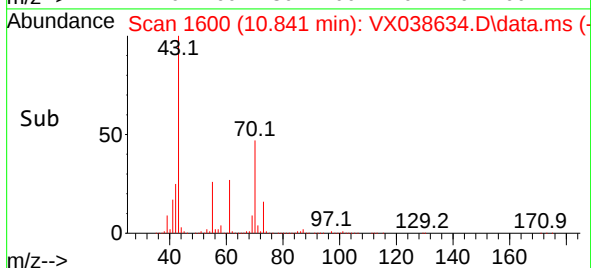
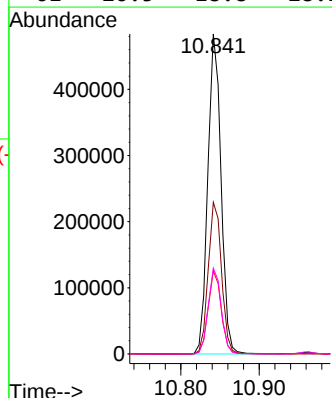
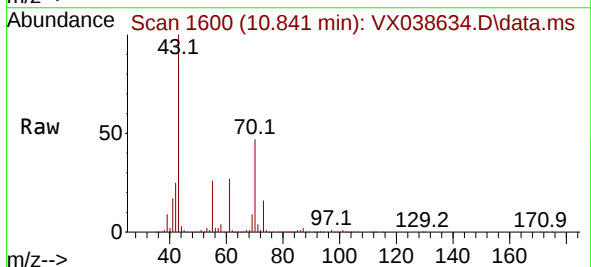
Ion Ratio Lower Upper

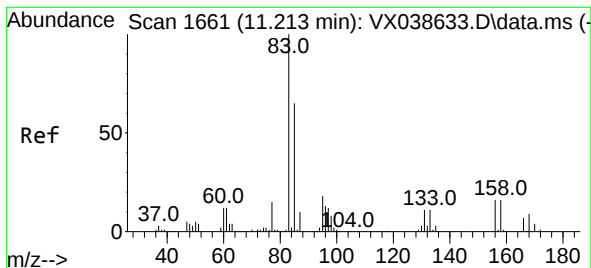
43 100

70 47.9 32.9 49.3

55 25.7 19.3 28.9

61 26.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 92.384 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

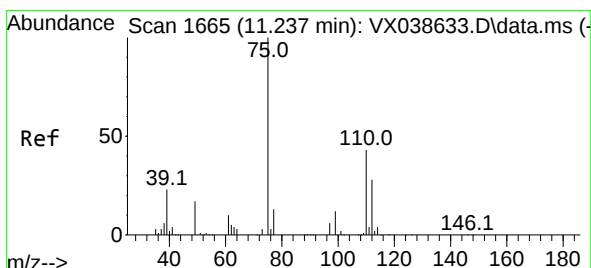
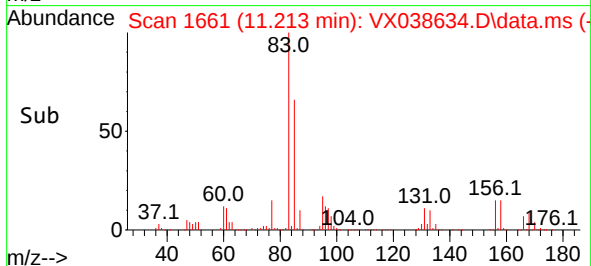
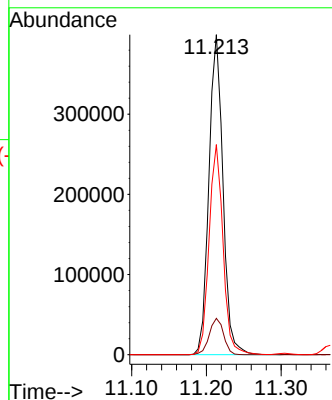
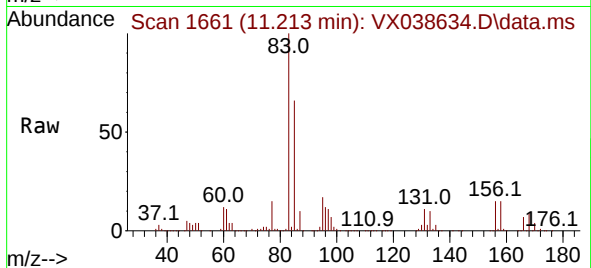
Tgt Ion: 83 Resp: 519963

Ion Ratio Lower Upper

83 100

131 11.6 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 114.063 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038634.D

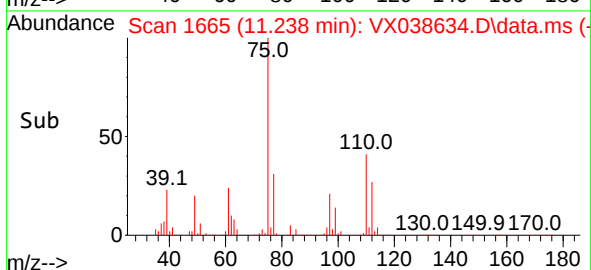
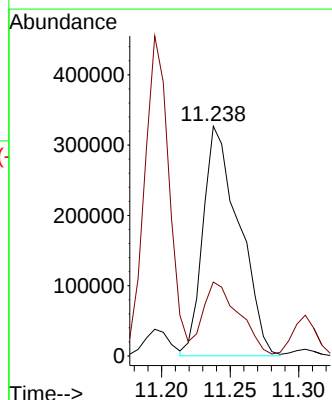
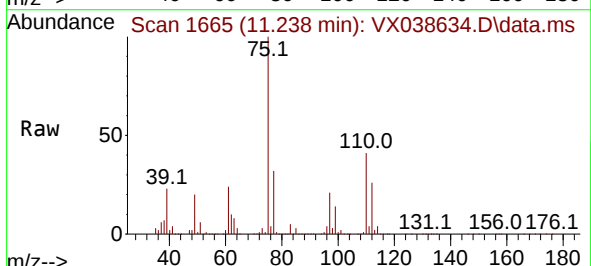
Acq: 07 Nov 2023 15:08

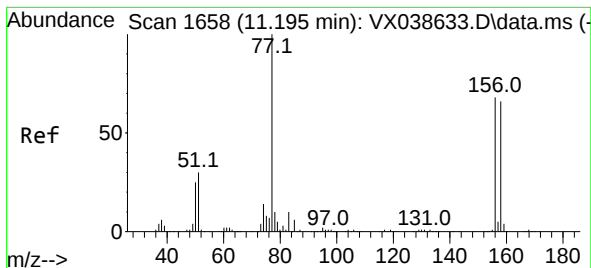
Tgt Ion: 75 Resp: 599473

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 91.536 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

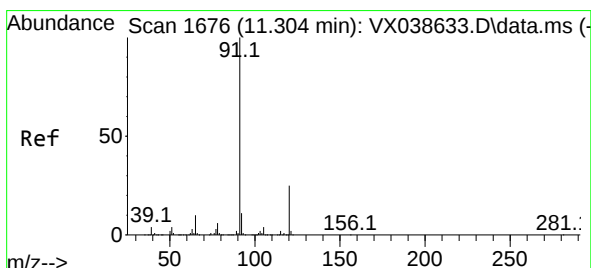
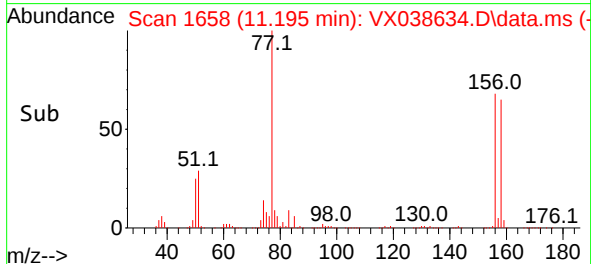
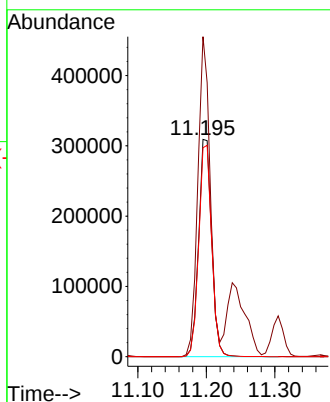
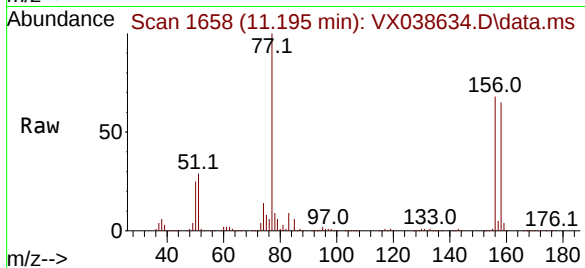
Tgt Ion:156 Resp: 408994

Ion Ratio Lower Upper

156 100

77 138.8 88.4 265.3

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 91.832 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038634.D

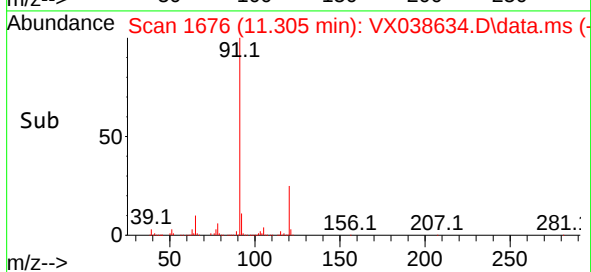
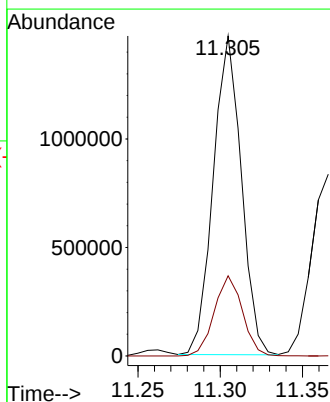
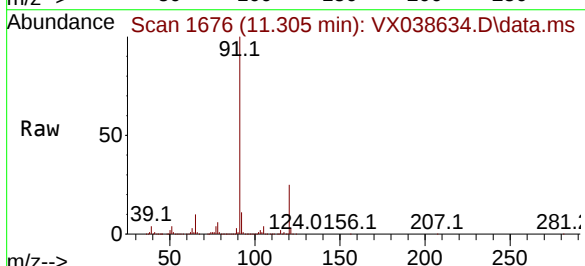
Acq: 07 Nov 2023 15:08

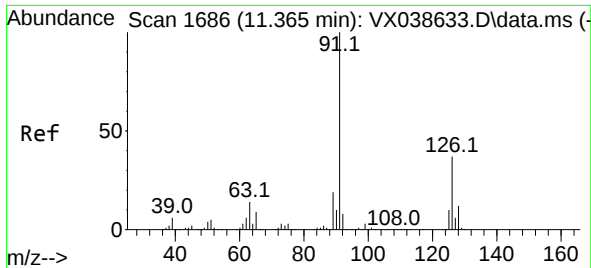
Tgt Ion: 91 Resp: 1739761

Ion Ratio Lower Upper

91 100

120 25.2 11.5 34.4

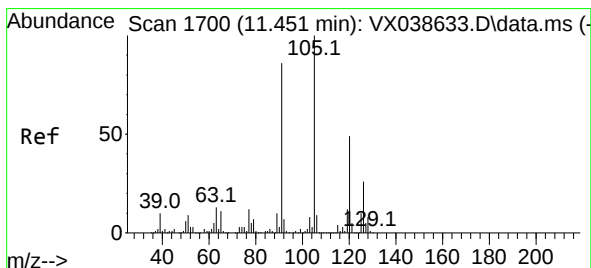
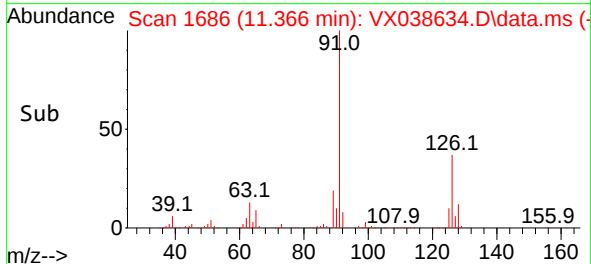
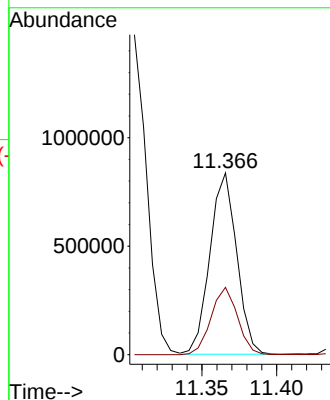
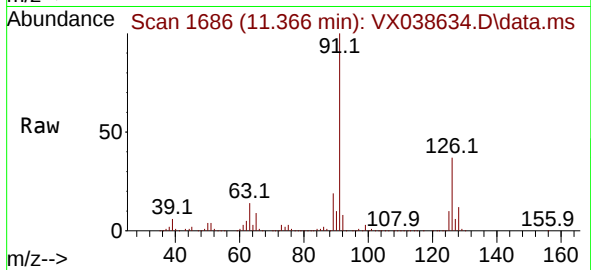




#79
2-Chlorotoluene
Concen: 91.800 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

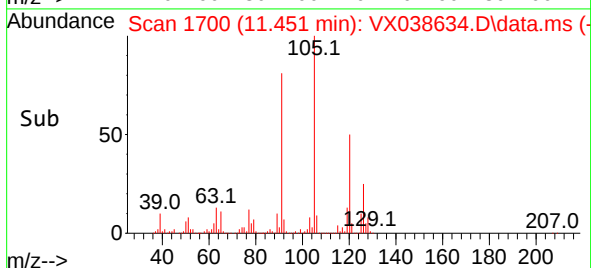
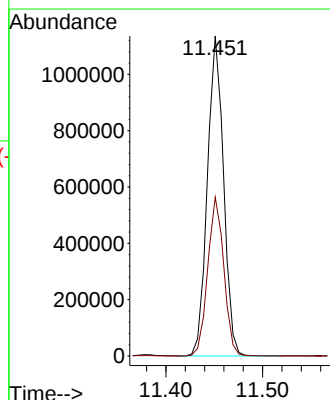
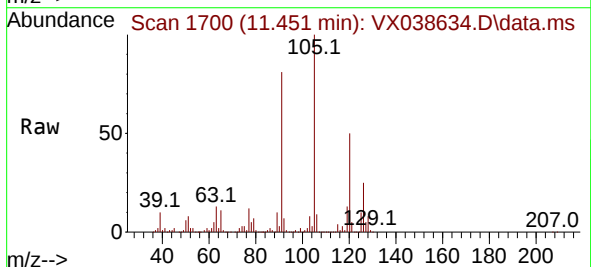
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

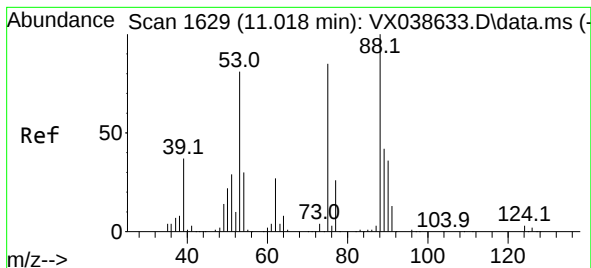
Tgt Ion: 91 Resp: 1041239
Ion Ratio Lower Upper
91 100
126 36.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 94.295 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 105 Resp: 1321229
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3

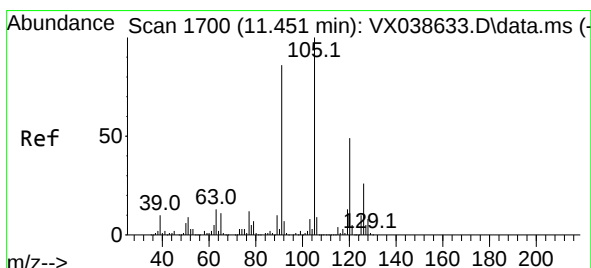
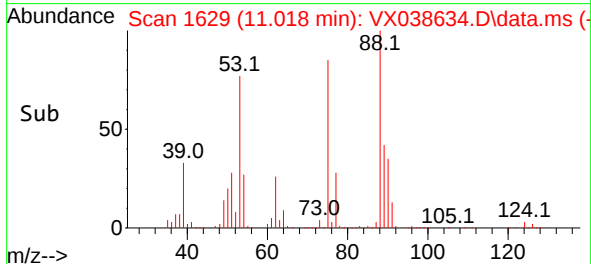
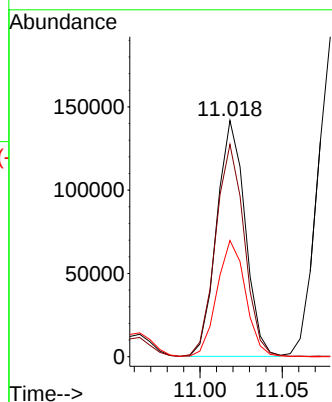
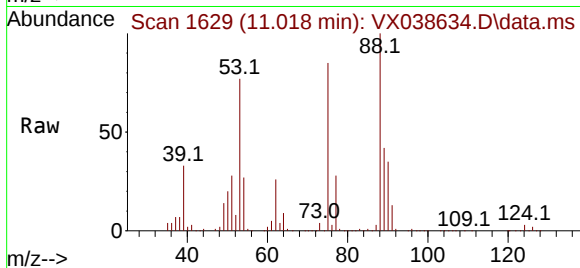




#81
trans-1,4-Dichloro-2-butene
Concen: 93.352 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

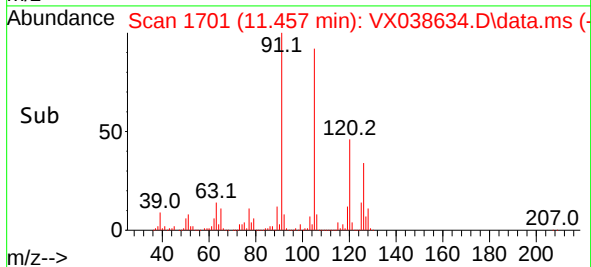
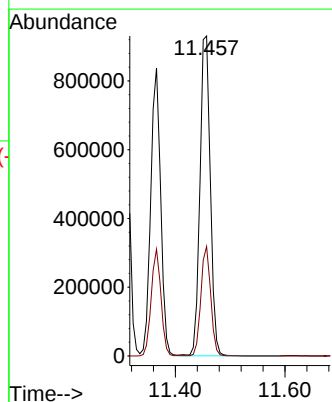
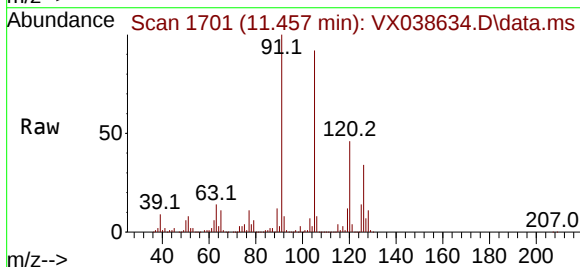
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

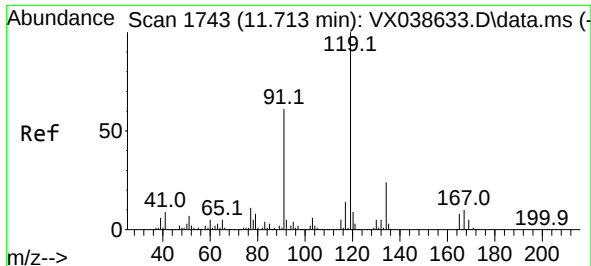
Tgt Ion: 75 Resp: 170607
Ion Ratio Lower Upper
75 100
53 90.6 90.5 135.7
89 49.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 92.606 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion: 91 Resp: 1227102
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6

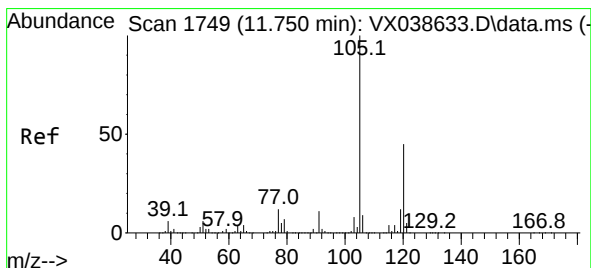
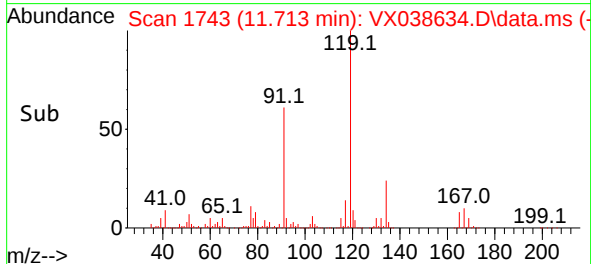
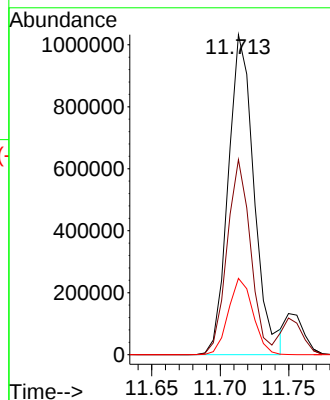
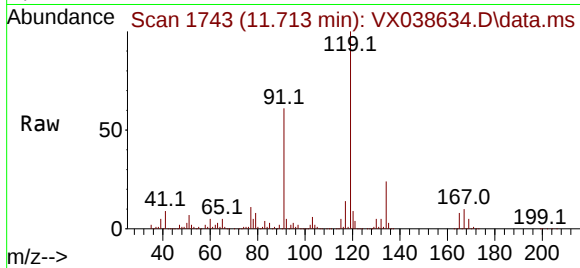




#83
tert-Butylbenzene
Concen: 95.492 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

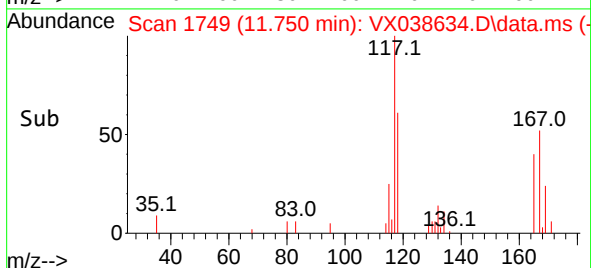
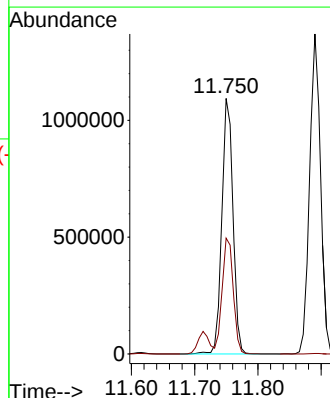
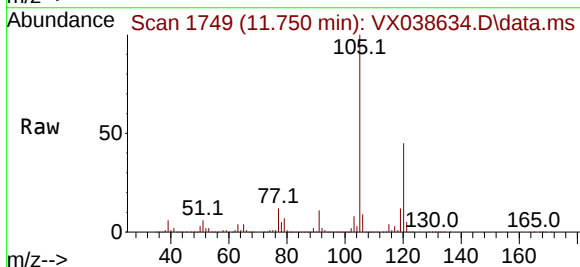
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

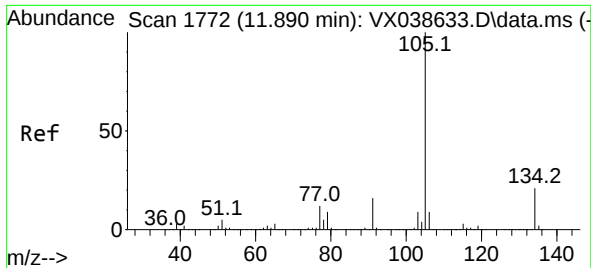
Tgt Ion:119 Resp: 1355777
Ion Ratio Lower Upper
119 100
91 55.7 31.2 93.6
134 22.8 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 95.408 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion:105 Resp: 1325901
Ion Ratio Lower Upper
105 100
120 45.3 21.2 63.6

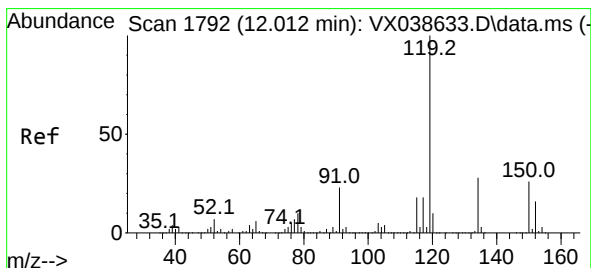
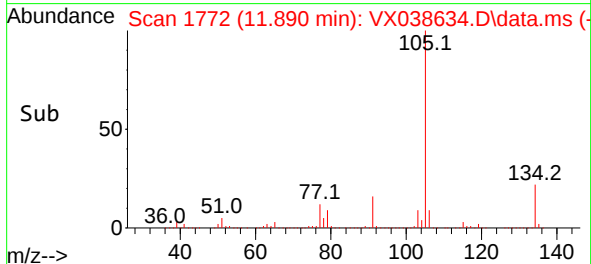
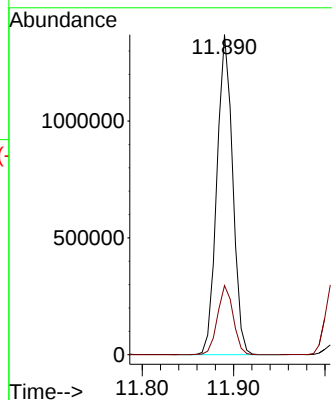
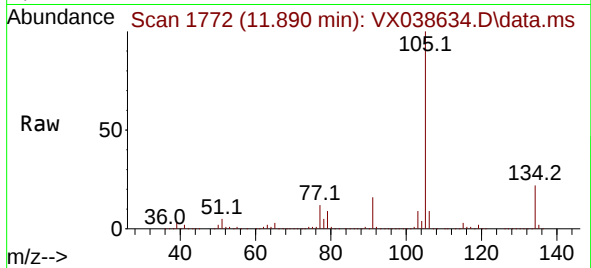




#85
 sec-Butylbenzene
 Concen: 92.741 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038634.D
 Acq: 07 Nov 2023 15:08

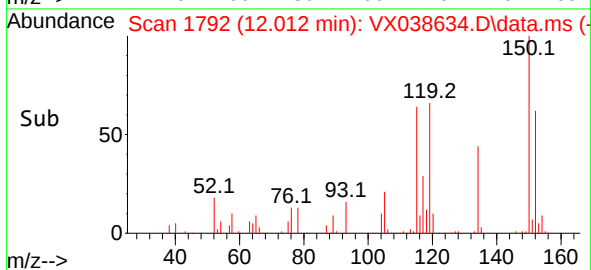
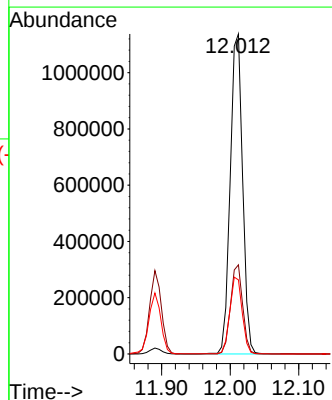
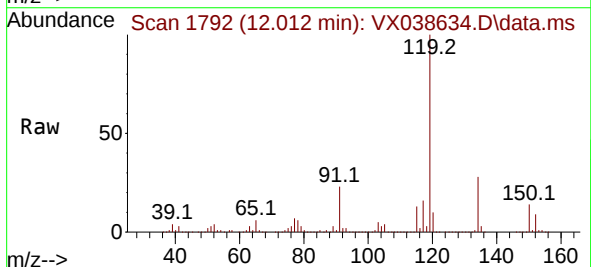
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

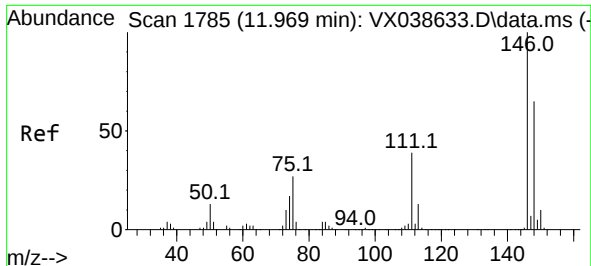
Tgt Ion:105 Resp: 1642977
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 94.196 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038634.D
 Acq: 07 Nov 2023 15:08

Tgt Ion:119 Resp: 1421574
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 92.568 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

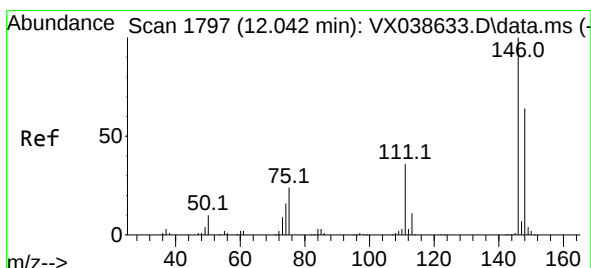
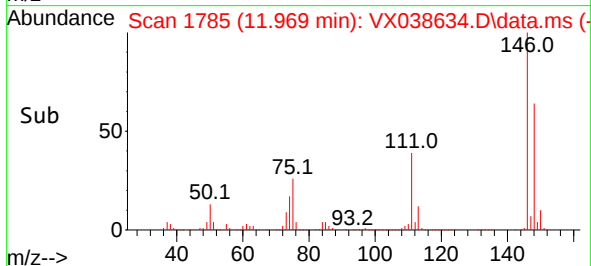
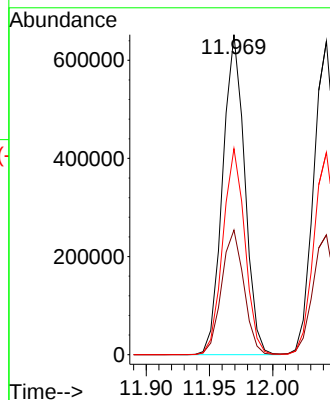
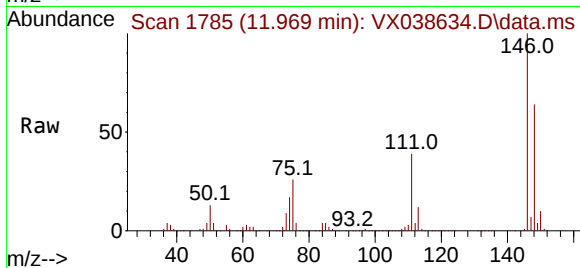
Tgt Ion:146 Resp: 790767

Ion Ratio Lower Upper

146 100

111 39.4 22.1 66.1

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 90.793 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

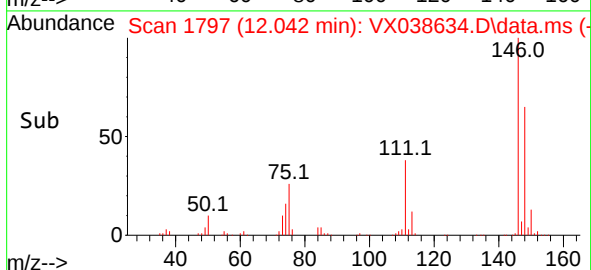
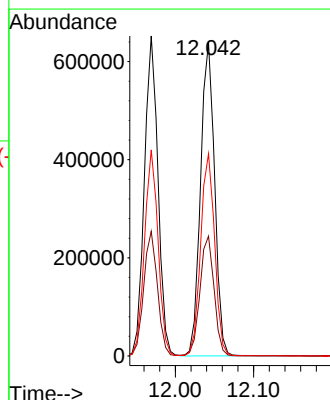
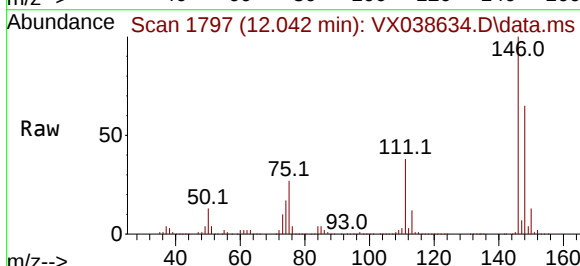
Tgt Ion:146 Resp: 797212

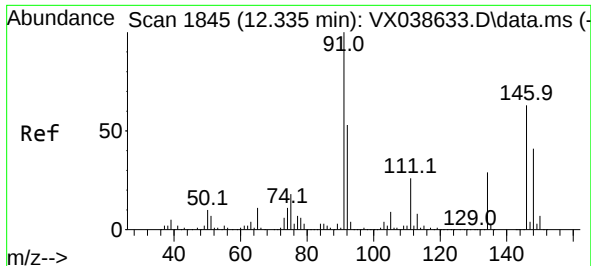
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 95.117 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

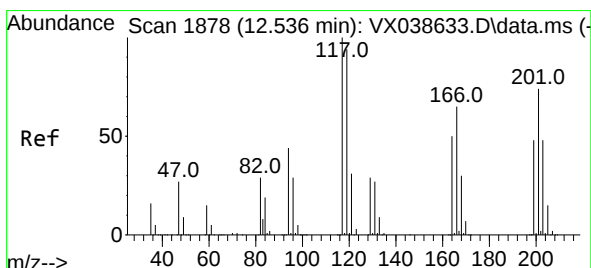
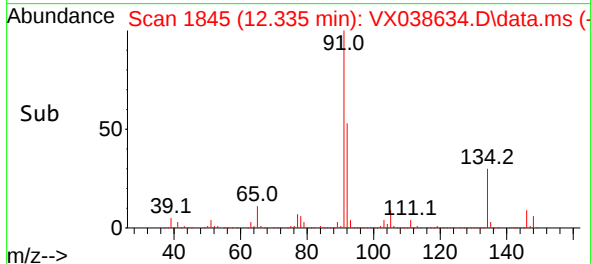
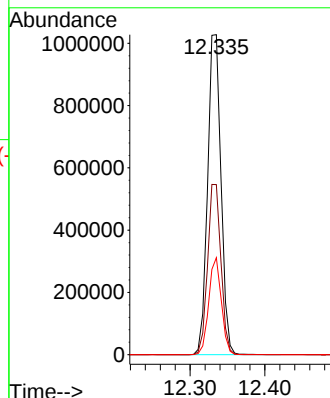
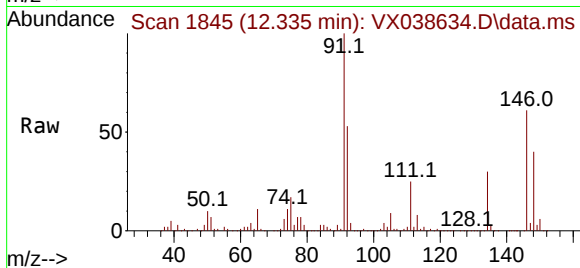
MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1277396

Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.4	82.0
134	28.5	12.6	37.8



#90

Hexachloroethane

Concen: 99.500 ug/l

RT: 12.536 min Scan# 1878

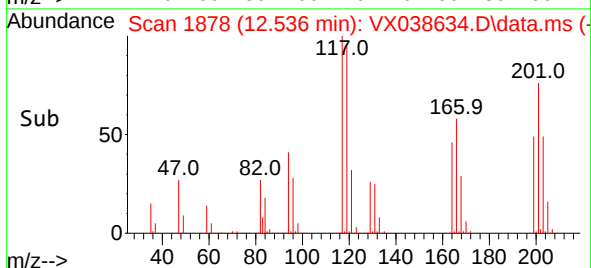
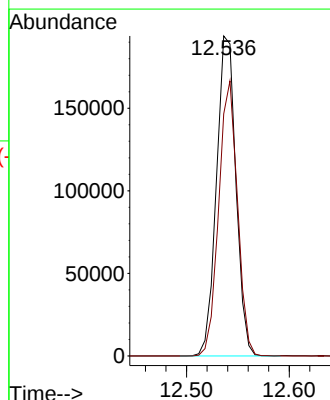
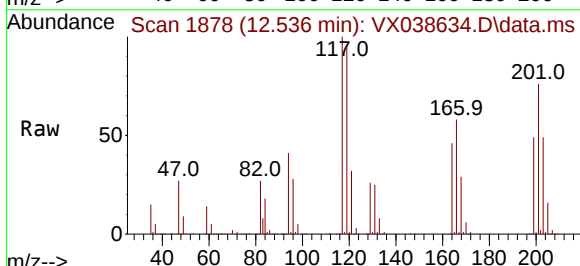
Delta R.T. 0.000 min

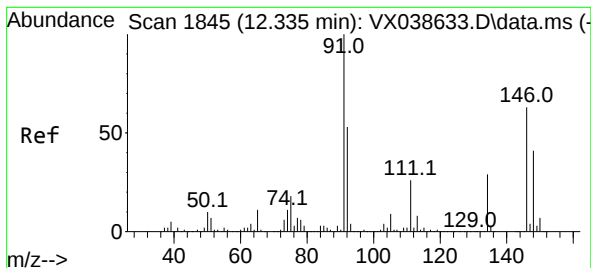
Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Tgt Ion: 117 Resp: 254354

Ion	Ratio	Lower	Upper
117	100		
201	82.9	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 92.420 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

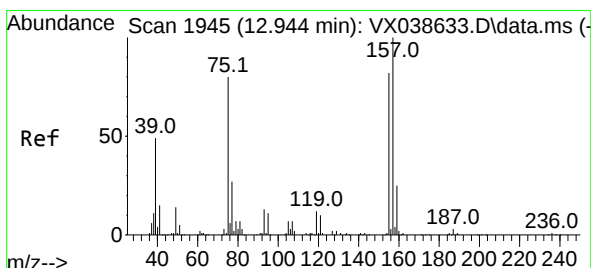
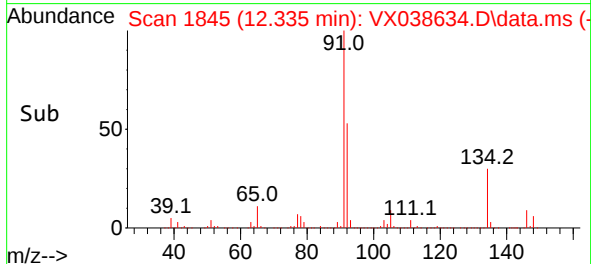
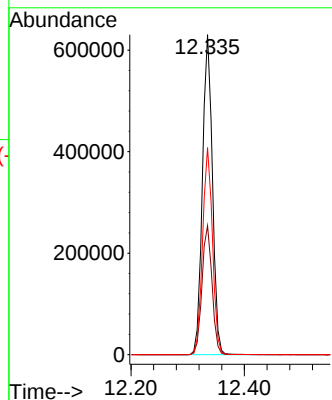
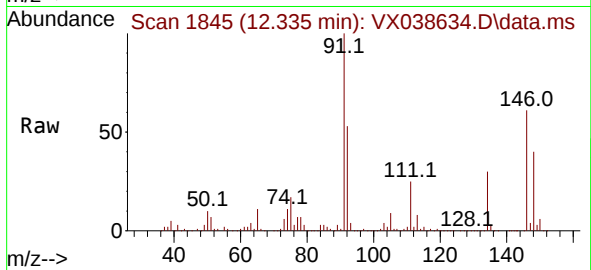
Tgt Ion:146 Resp: 771030

Ion Ratio Lower Upper

146 100

111 40.6 22.4 67.0

148 64.2 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 93.576 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

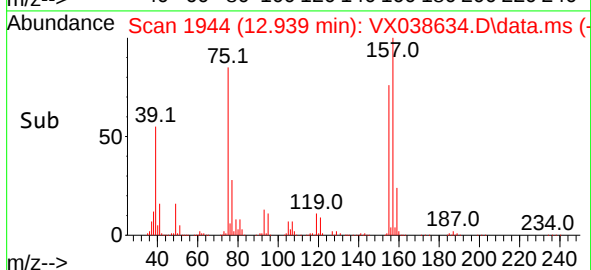
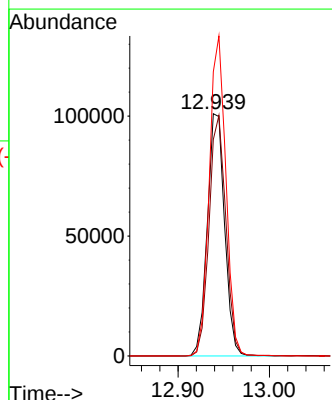
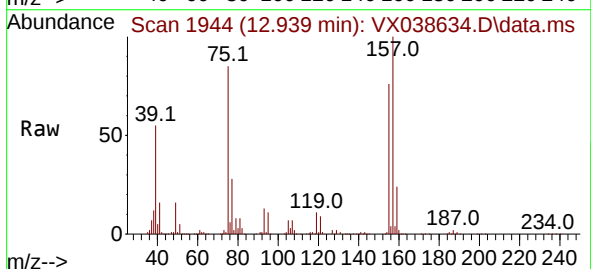
Tgt Ion: 75 Resp: 132369

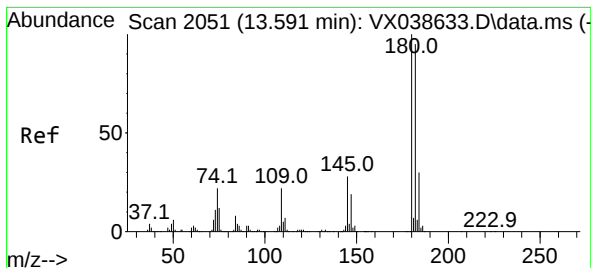
Ion Ratio Lower Upper

75 100

155 96.6 36.1 108.5

157 127.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 92.116 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

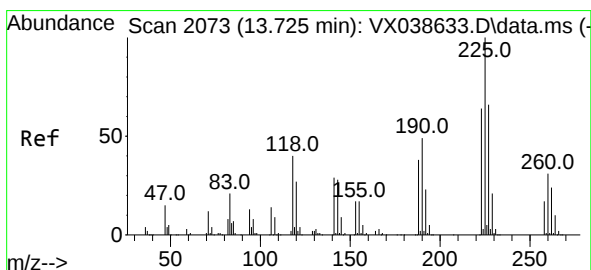
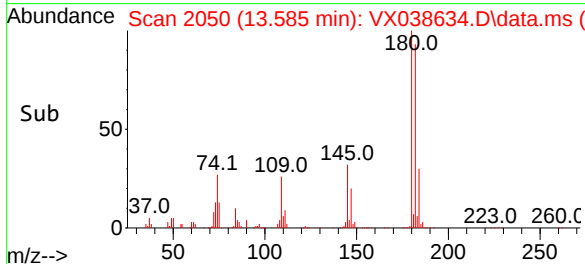
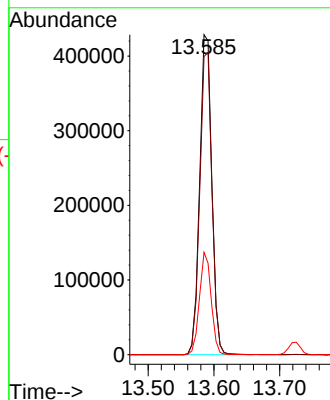
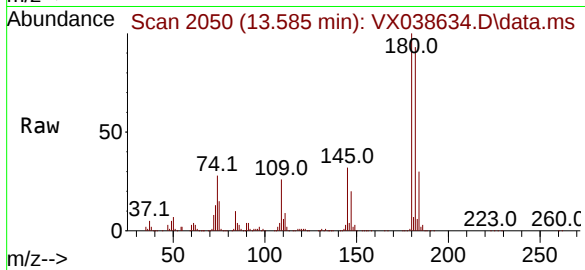
Tgt Ion:180 Resp: 549663

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 30.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 90.949 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038634.D

Acq: 07 Nov 2023 15:08

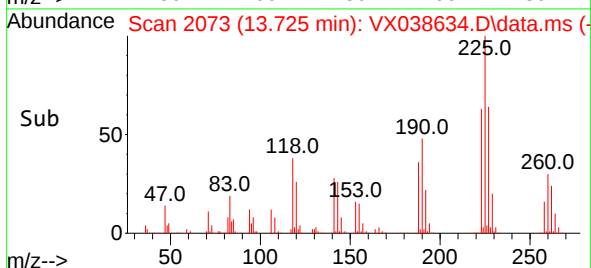
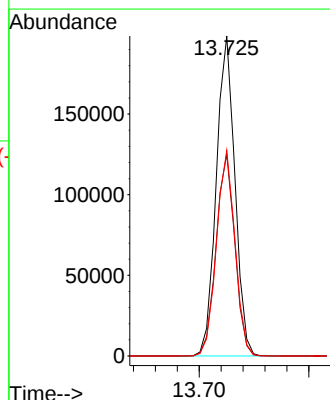
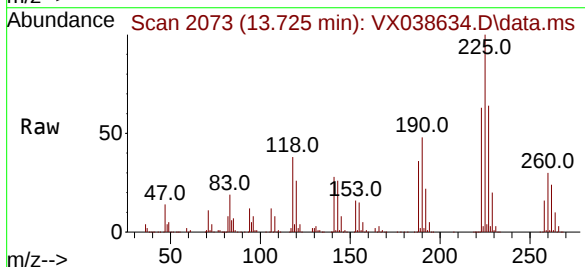
Tgt Ion:225 Resp: 234177

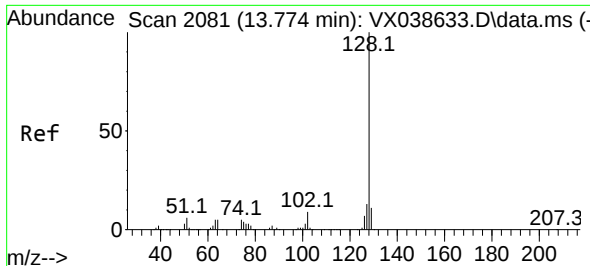
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 63.9 32.5 97.5

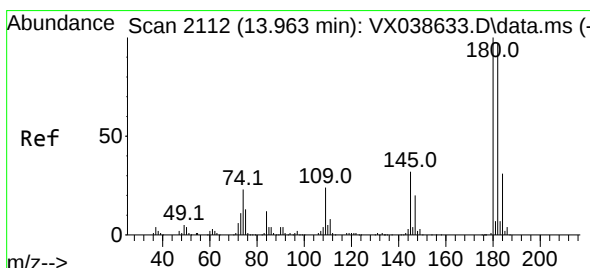
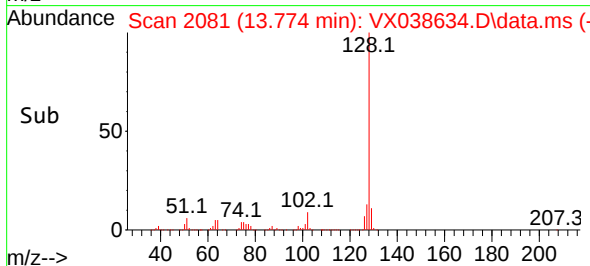
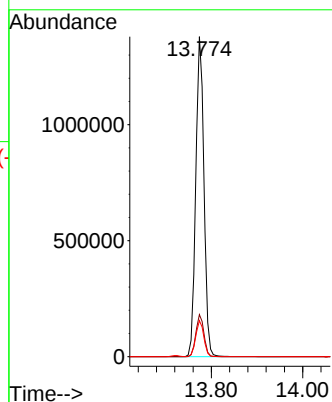
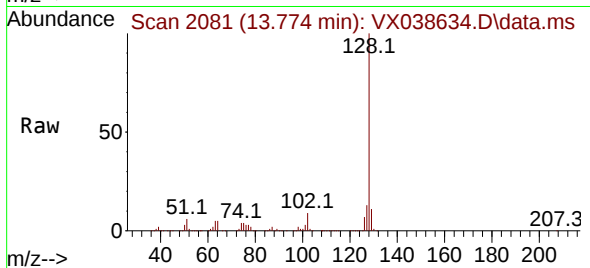




#95
Naphthalene
Concen: 95.298 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1715307
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 91.627 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038634.D
Acq: 07 Nov 2023 15:08

Tgt Ion:180 Resp: 538902
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 32.6 17.8 53.5

