

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044224.D
 Acq On : 11 Dec 2024 13:00
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 12 04:16:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90898	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	314272	151.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 303.920%#	
35) Dibromofluoromethane	5.385	113	231937	153.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 306.380%#	
50) Toluene-d8	8.647	98	788876	154.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 308.880%#	
62) 4-Bromofluorobenzene	11.079	95	279706	156.709	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 313.420%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	268739	147.342	ug/l	98
3) Chloromethane	1.294	50	261734	150.062	ug/l	97
4) Vinyl Chloride	1.374	62	260651	143.446	ug/l	97
5) Bromomethane	1.593	94	194089	150.562	ug/l	100
6) Chloroethane	1.660	64	150640	133.137	ug/l	98
7) Trichlorofluoromethane	1.861	101	500315	140.645	ug/l	99
8) Diethyl Ether	2.136	74	183845	151.407	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	219513	152.497	ug/l	99
10) Methyl Iodide	2.441	142	284184	149.795	ug/l	99
11) Tert butyl alcohol	3.014	59	266830	916.880	ug/l	98
12) 1,1-Dichloroethene	2.306	96	211016	159.600	ug/l	96
13) Acrolein	2.239	56	341487	809.350	ug/l	100
14) Allyl chloride	2.654	41	346773	157.465	ug/l	99
15) Acrylonitrile	3.068	53	649783	804.774	ug/l	99
16) Acetone	2.392	43	658120	780.537	ug/l	98
17) Carbon Disulfide	2.495	76	481926	191.754	ug/l	99
18) Methyl Acetate	2.709	43	336516	154.792	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	806360	156.286	ug/l	98
20) Methylene Chloride	2.782	84	236412	149.282	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	221622	157.719	ug/l	99
22) Diisopropyl ether	3.763	45	751292	151.500	ug/l	98
23) Vinyl Acetate	3.727	43	3464902	859.417	ug/l	99
24) 1,1-Dichloroethane	3.605	63	431006	155.921	ug/l	100
25) 2-Butanone	4.568	43	957709	798.973	ug/l	99
26) 2,2-Dichloropropane	4.465	77	367781	163.773	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	269708	151.131	ug/l	99
28) Bromochloromethane	4.897	49	200978	148.269	ug/l	100
29) Tetrahydrofuran	5.013	42	602095	782.561	ug/l	99
30) Chloroform	5.092	83	463606	149.274	ug/l	99
31) Cyclohexane	5.458	56	332026	148.745	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	415253	161.073	ug/l	99
36) 1,1-Dichloropropene	5.684	75	290913	148.642	ug/l	99
37) Ethyl Acetate	4.721	43	376757	155.731	ug/l	99
38) Carbon Tetrachloride	5.672	117	346795	164.587	ug/l	98
39) Methylcyclohexane	7.373	83	368542	157.516	ug/l	99
40) Benzene	6.031	78	887413	149.340	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	199851	155.569	ug/l	99
42) 1,2-Dichloroethane	6.086	62	369874	151.105	ug/l	100
43) Isopropyl Acetate	6.342	43	617107	163.200	ug/l	99
44) Trichloroethene	7.123	130	224164	151.275	ug/l	100
45) 1,2-Dichloropropane	7.427	63	224224	147.697	ug/l	96
46) Dibromomethane	7.580	93	184590	156.728	ug/l	99
47) Bromodichloromethane	7.818	83	352904	173.496	ug/l	98
48) Methyl methacrylate	7.696	41	292890	159.567	ug/l	98
49) 1,4-Dioxane	7.665	88	111023	3539.235	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	1907523	784.573	ug/l	99
52) Toluene	8.714	92	557102	149.294	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	366275	150.167	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	382226	172.581	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	222665	150.202	ug/l	98
56) Ethyl methacrylate	9.116	69	389165	166.289	ug/l	99
57) 1,3-Dichloropropane	9.305	76	387086	150.014	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	970949	822.575	ug/l	100
59) 2-Hexanone	9.433	43	1436300	816.161	ug/l	99
60) Dibromochloromethane	9.525	129	261253	150.105	ug/l	99
61) 1,2-Dibromoethane	9.610	107	242451	160.674	ug/l	97
64) Tetrachloroethene	9.269	164	186443	147.836	ug/l	98
65) Chlorobenzene	10.079	112	608404	149.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	218515	166.991	ug/l	100
67) Ethyl Benzene	10.195	91	1068736	151.917	ug/l	98
68) m/p-Xylenes	10.299	106	806058	312.254	ug/l	98
69) o-Xylene	10.640	106	397084	152.030	ug/l	98
70) Styrene	10.652	104	670887	160.228	ug/l	98
71) Bromoform	10.799	173	169450	150.034	ug/l #	99
73) Isopropylbenzene	10.963	105	1021749	146.832	ug/l	99
74) N-amyl acetate	10.841	43	536496	166.823	ug/l	99
75) 1,1,1,2-Tetrachloroethane	11.213	83	352591	145.883	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	400724	194.277	ug/l	85
77) Bromobenzene	11.201	156	243975	144.584	ug/l	100
78) n-propylbenzene	11.305	91	1166255	151.637	ug/l	98
79) 2-Chlorotoluene	11.366	91	700673	140.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	853042	147.824	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	117263	152.670	ug/l	93
82) 4-Chlorotoluene	11.451	91	825278	149.831	ug/l	99
83) tert-Butylbenzene	11.713	119	846864	148.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	846771	149.414	ug/l	100
85) sec-Butylbenzene	11.890	105	1034419	149.409	ug/l	99
86) p-Isopropyltoluene	12.006	119	875562	151.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	443826	150.575	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	442556	146.058	ug/l	99
89) n-Butylbenzene	12.329	91	808399	166.836	ug/l	100
90) Hexachloroethane	12.536	117	154726	183.942	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	447931	146.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	83565	178.106	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	288519	171.952	ug/l	98
94) Hexachlorobutadiene	13.725	225	103961	154.036	ug/l	98
95) Naphthalene	13.774	128	1094997	167.187	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	293760	165.064	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

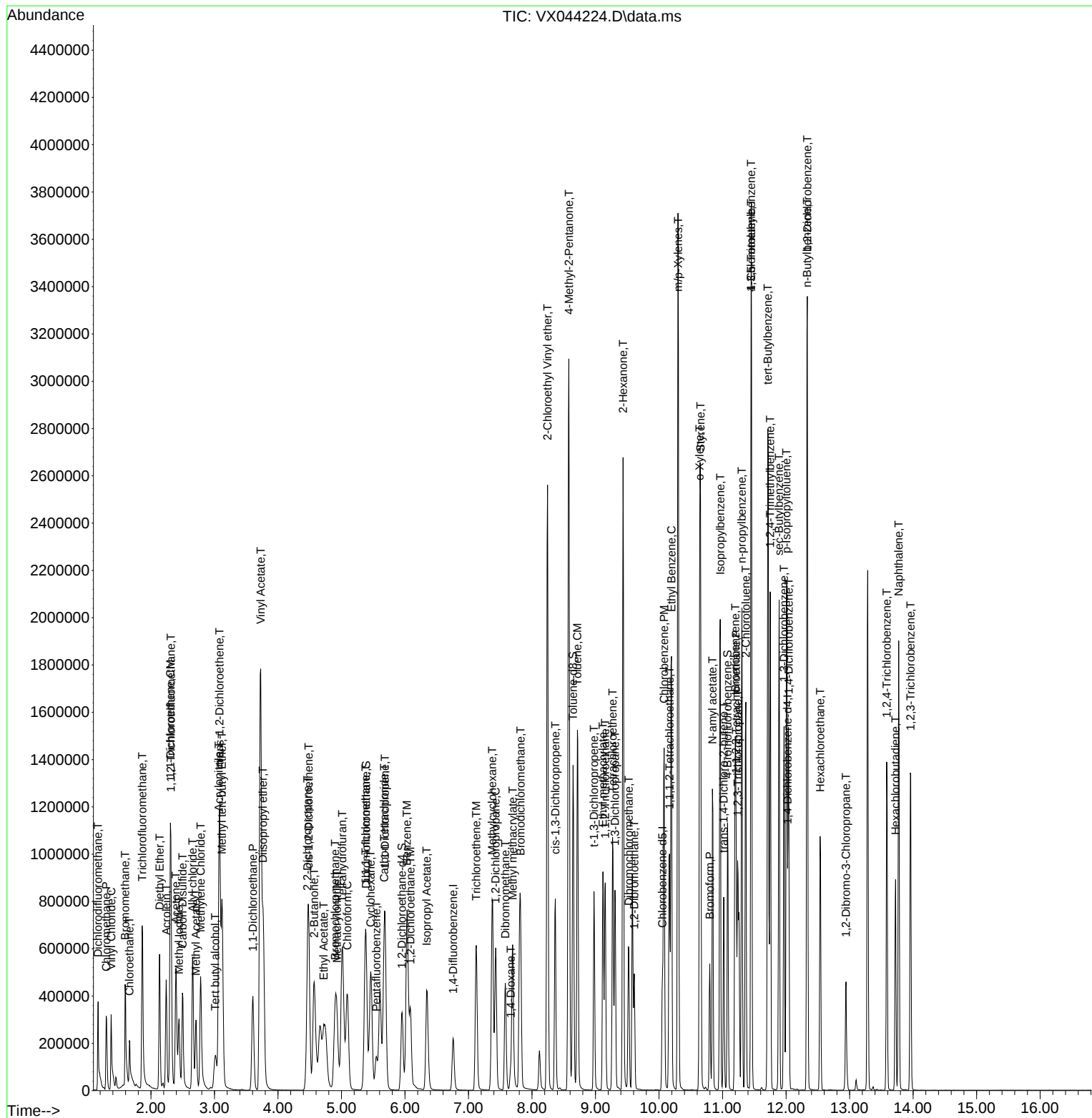
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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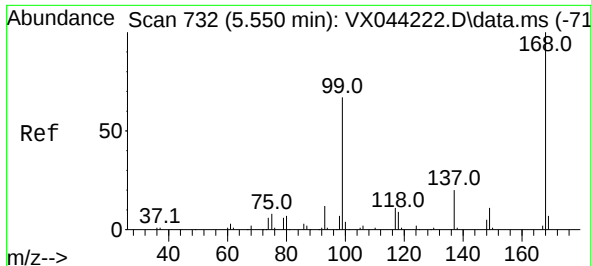
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 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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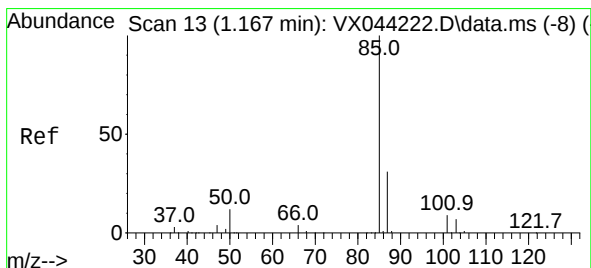
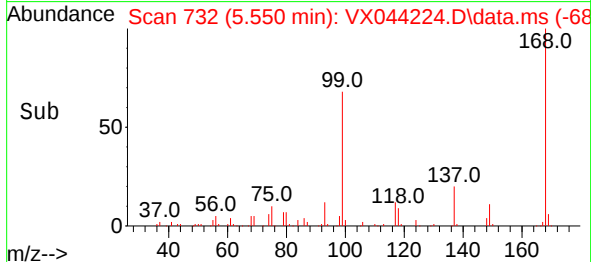
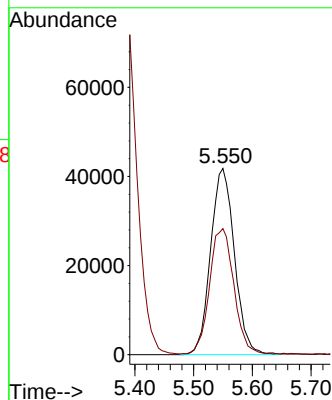
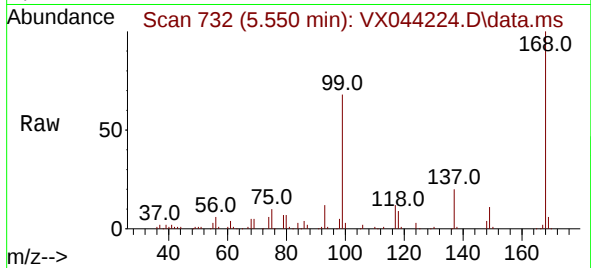




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

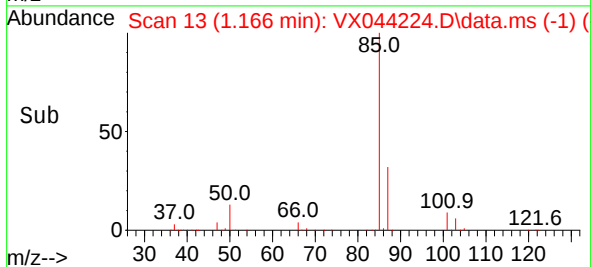
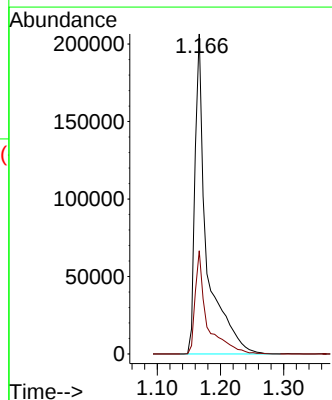
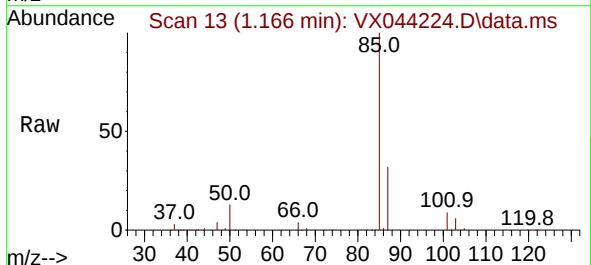
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

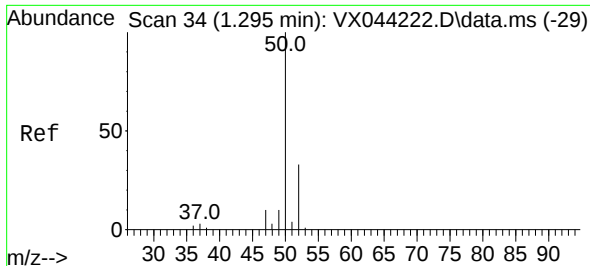
Tgt Ion:168 Resp: 117957
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 147.342 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 85 Resp: 268739
Ion Ratio Lower Upper
85 100
87 32.2 15.4 46.4

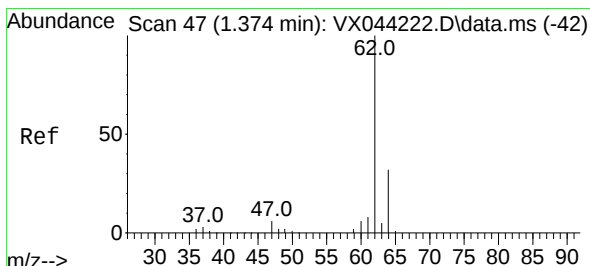
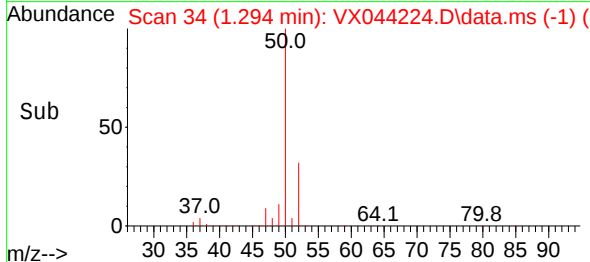
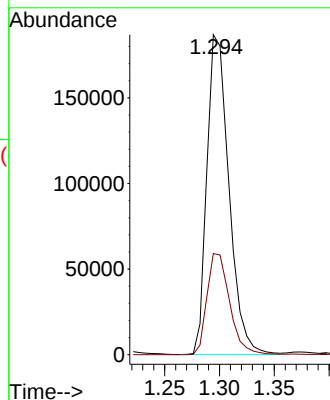
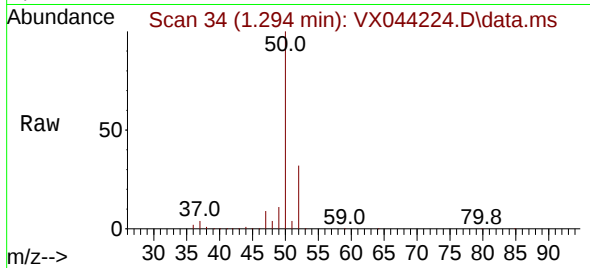




#3
Chloromethane
Concen: 150.062 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

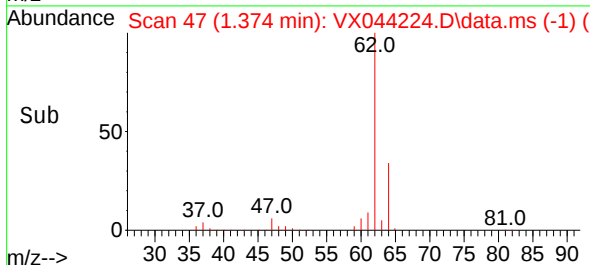
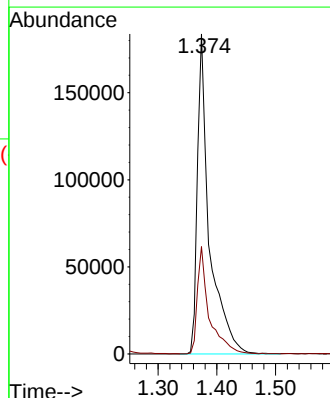
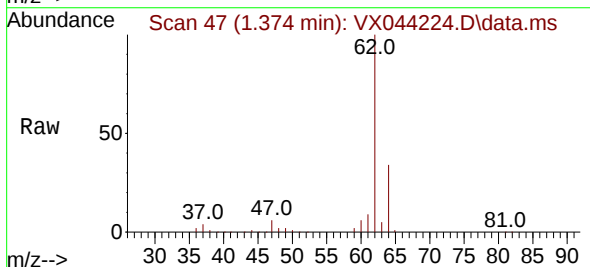
Instrument :
MSVOA_X
ClientSampleId :
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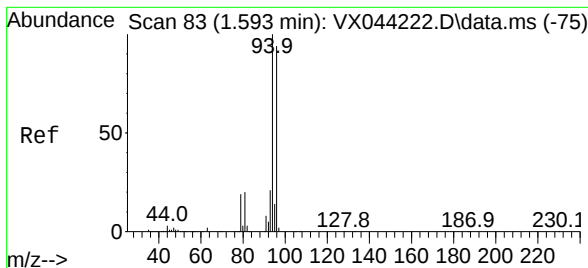
Tgt Ion: 50 Resp: 261734
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 143.446 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 260651
Ion Ratio Lower Upper
62 100
64 33.5 25.7 38.5





#5

Bromomethane

Concen: 150.562 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

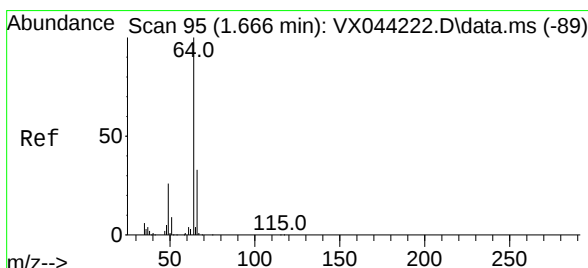
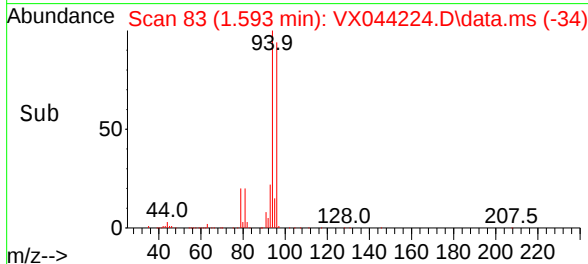
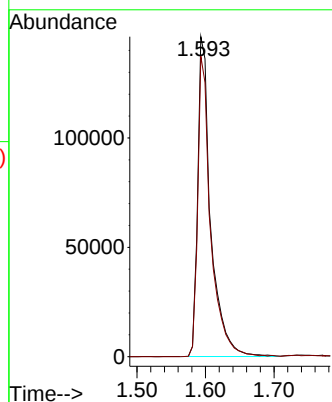
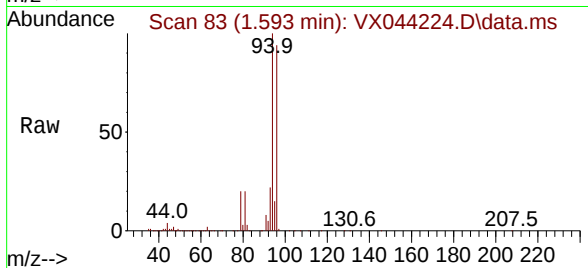
VSTDIC150

Tgt Ion: 94 Resp: 194089

Ion Ratio Lower Upper

94 100

96 94.0 74.9 112.3



#6

Chloroethane

Concen: 133.137 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044224.D

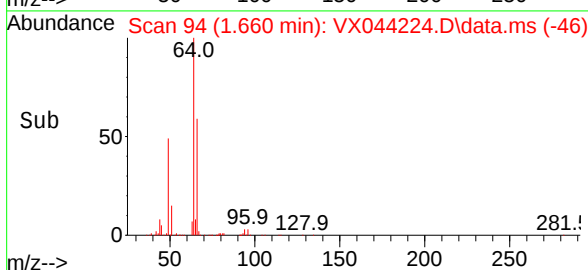
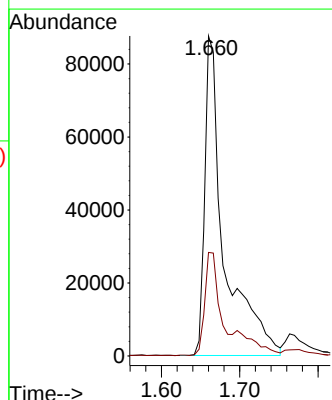
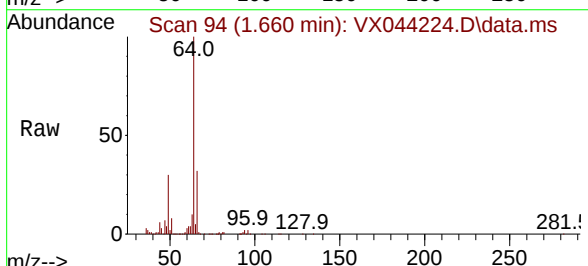
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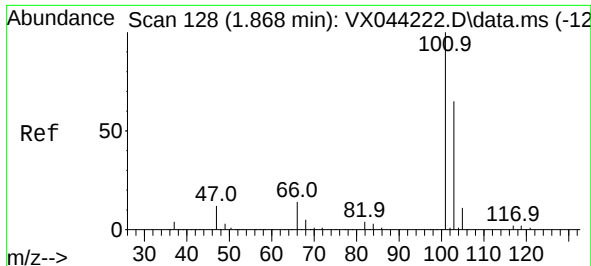
Tgt Ion: 64 Resp: 150640

Ion Ratio Lower Upper

64 100

66 32.1 26.6 39.8

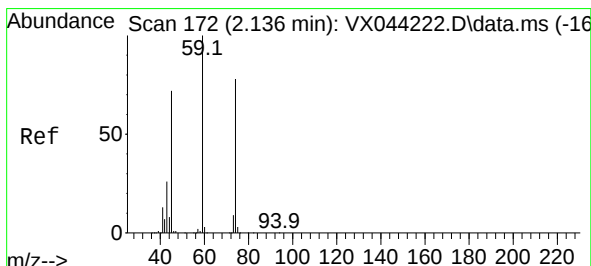
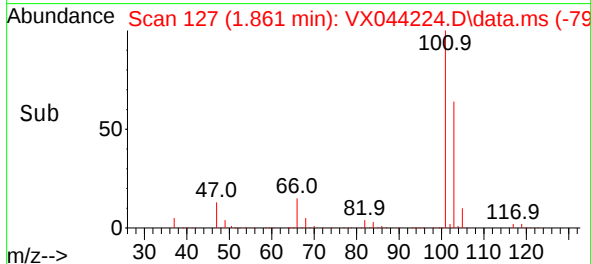
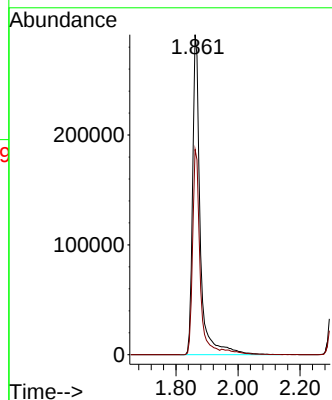
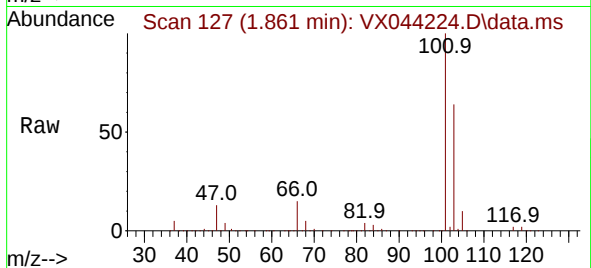




#7
Trichlorofluoromethane
Concen: 140.645 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

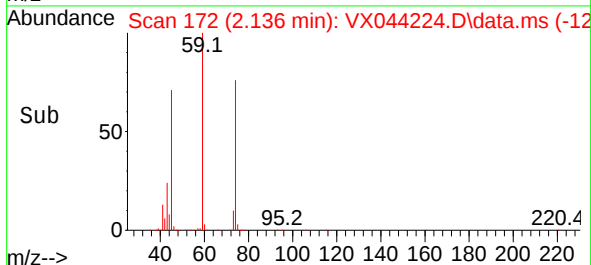
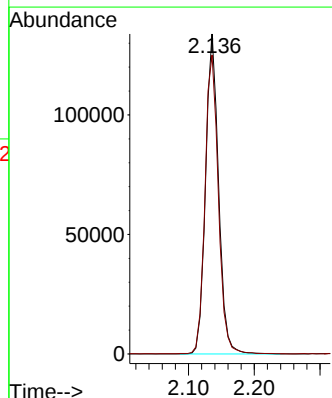
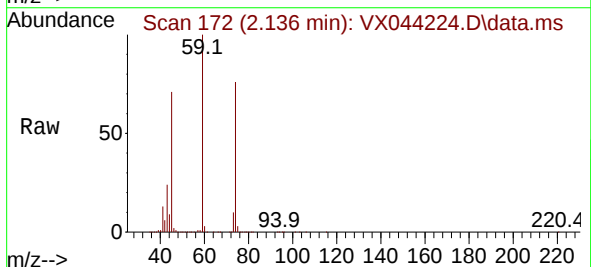
Instrument :
MSVOA_X
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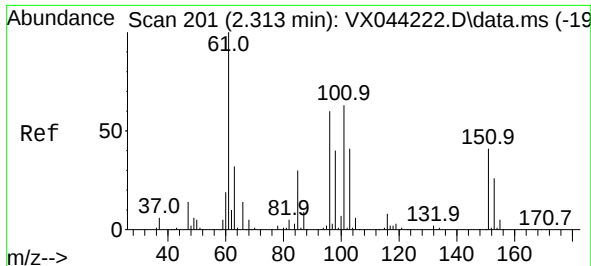
Tgt Ion:101 Resp: 500315
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8



#8
Diethyl Ether
Concen: 151.407 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 74 Resp: 183845
Ion Ratio Lower Upper
74 100
45 96.6 48.4 145.0

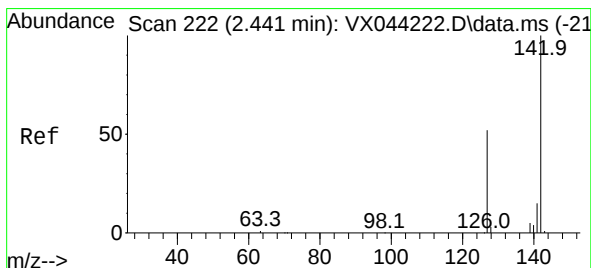
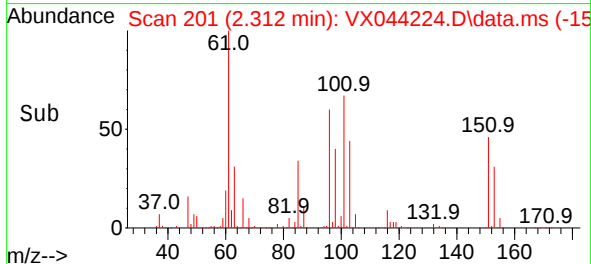
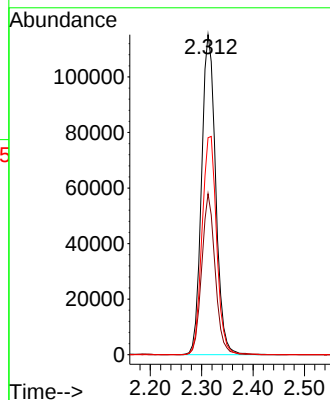
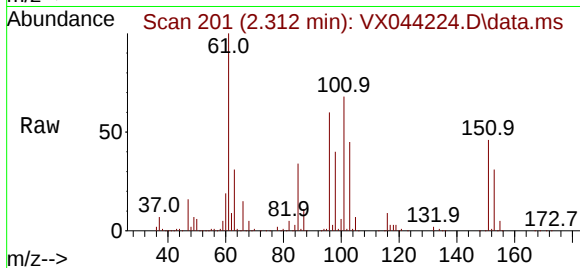




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.497 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

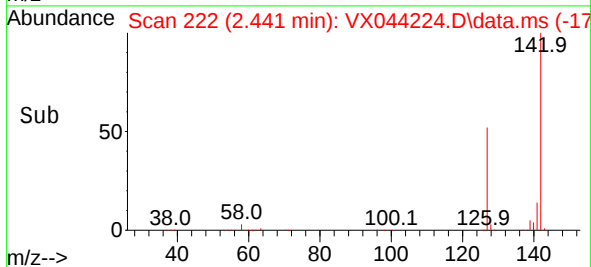
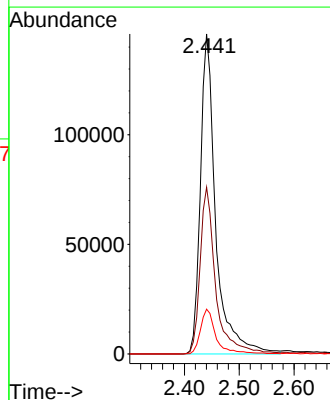
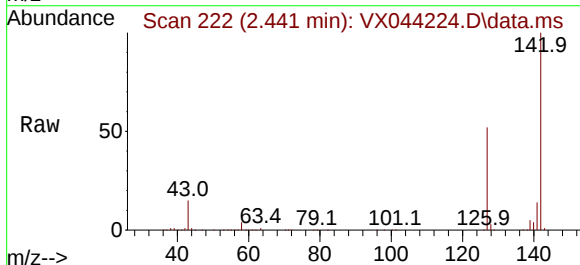
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

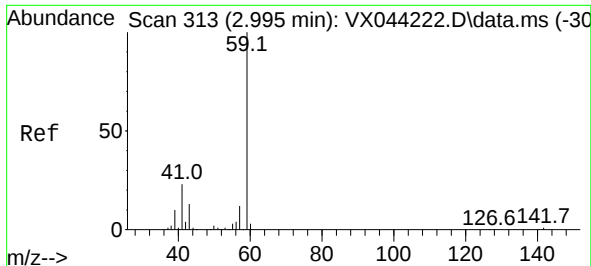
Tgt Ion:101 Resp: 219513
Ion Ratio Lower Upper
101 100
85 47.8 38.5 57.7
151 70.5 55.8 83.6



#10
Methyl Iodide
Concen: 149.795 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:142 Resp: 284184
Ion Ratio Lower Upper
142 100
127 52.8 41.8 62.8
141 14.2 11.5 17.3

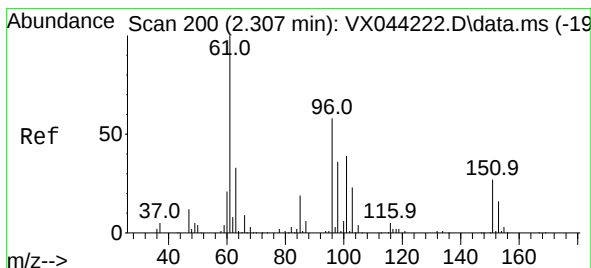
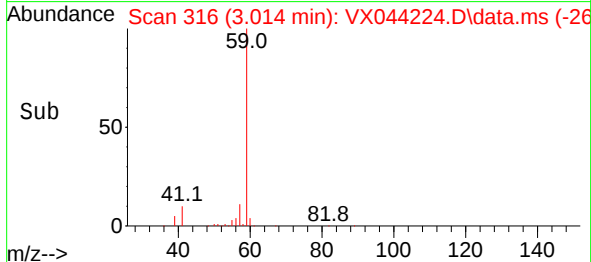
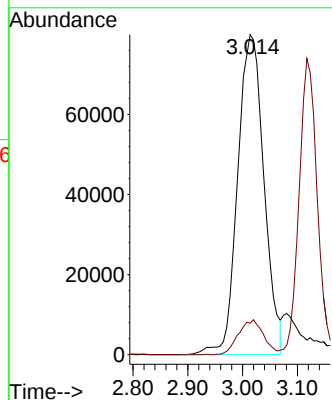
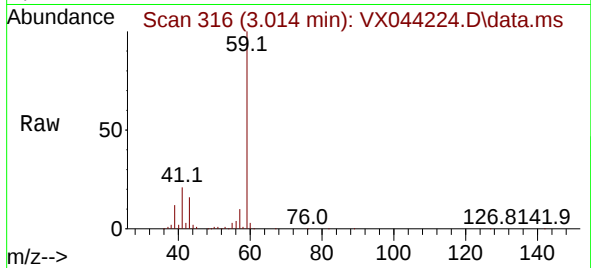




#11
Tert butyl alcohol
Concen: 916.880 ug/l
RT: 3.014 min Scan# 313
Delta R.T. 0.018 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

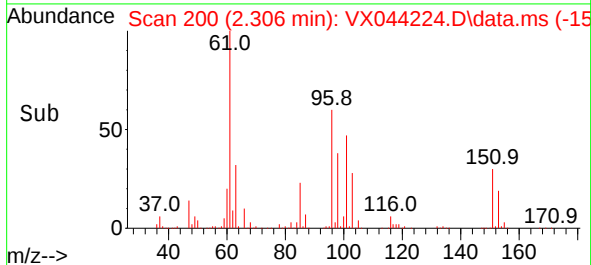
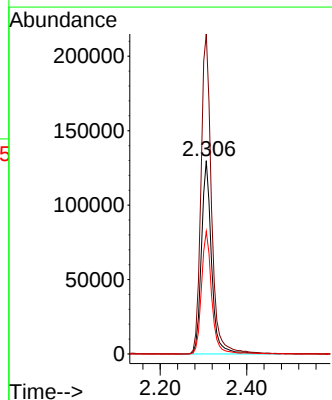
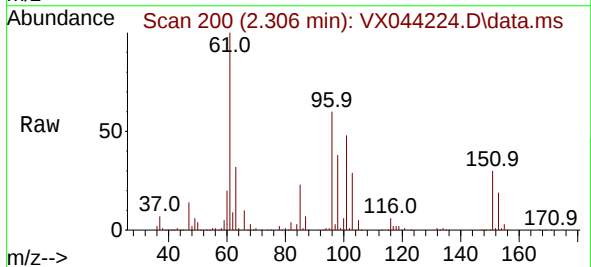
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

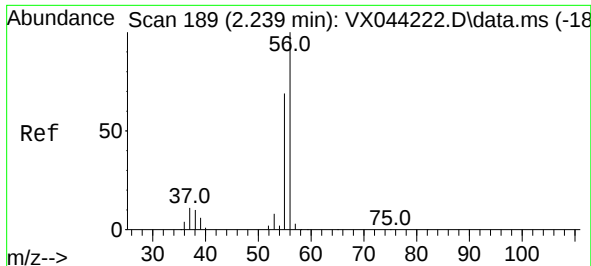
Tgt Ion: 59 Resp: 266830
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 159.600 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 96 Resp: 211016
Ion Ratio Lower Upper
96 100
61 165.6 138.0 207.0
98 63.5 50.0 75.0





#13

Acrolein

Concen: 809.350 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

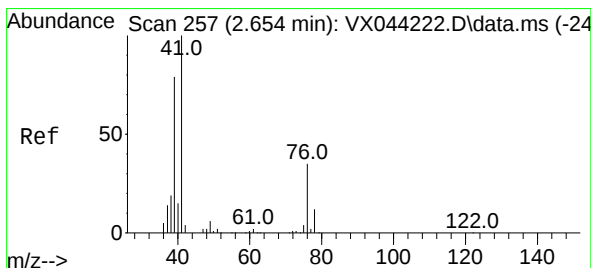
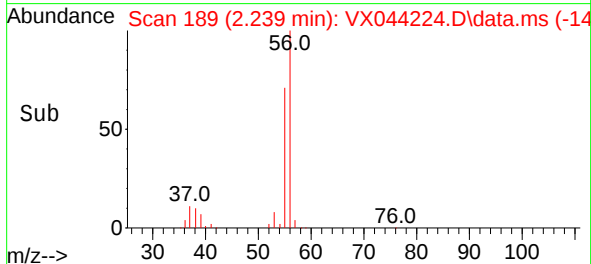
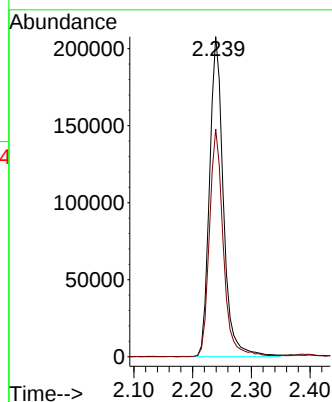
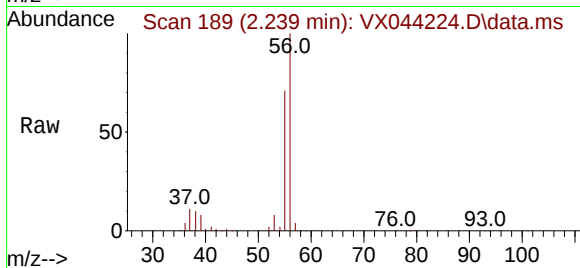
VSTDIC150

Tgt Ion: 56 Resp: 341487

Ion Ratio Lower Upper

56 100

55 70.8 56.6 84.8



#14

Allyl chloride

Concen: 157.465 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

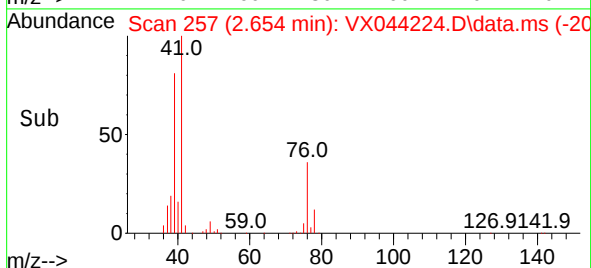
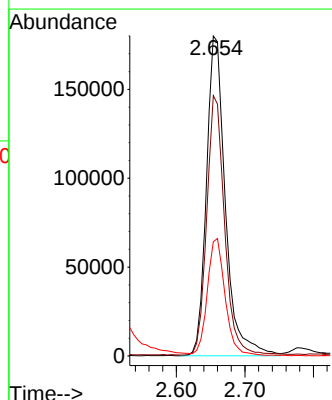
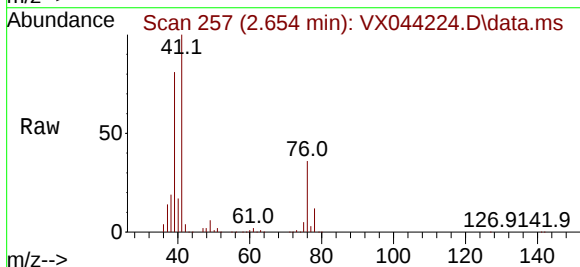
Tgt Ion: 41 Resp: 346773

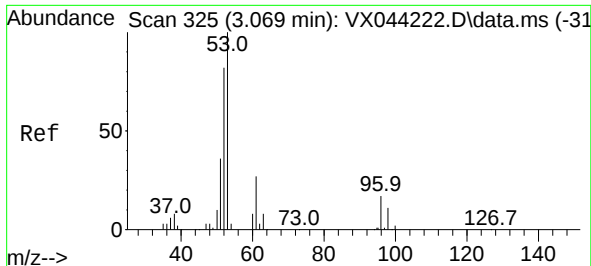
Ion Ratio Lower Upper

41 100

39 76.1 61.9 92.9

76 34.5 27.4 41.2

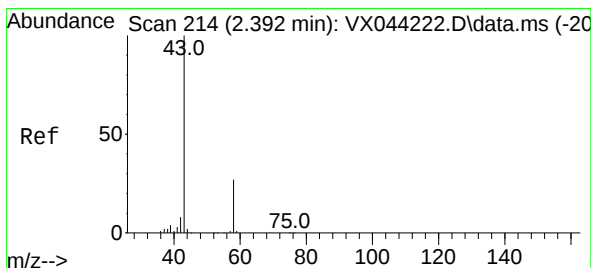
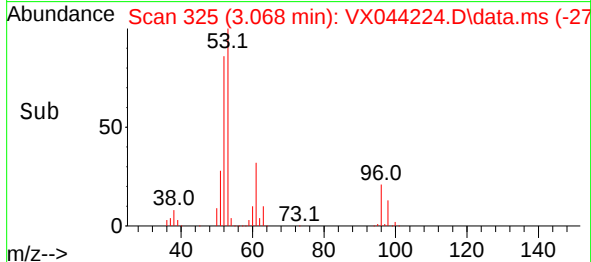
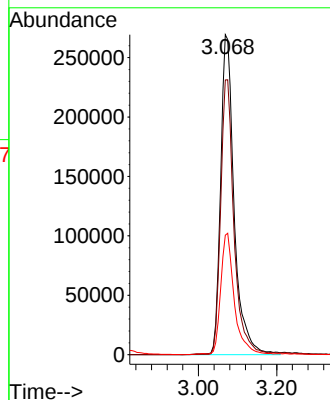
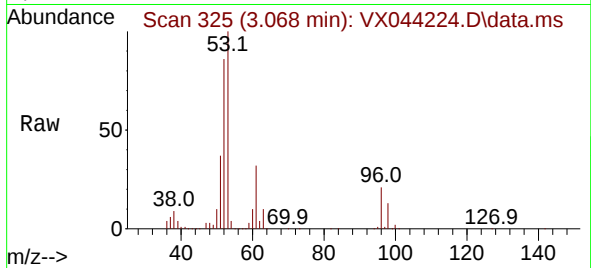




#15
Acrylonitrile
Concen: 804.774 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

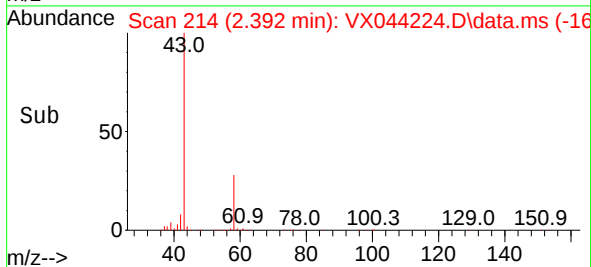
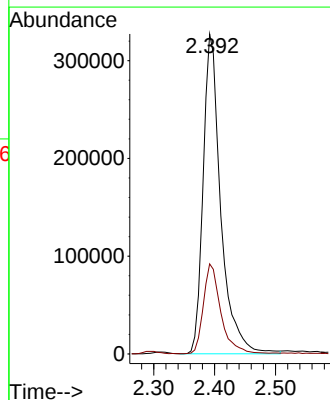
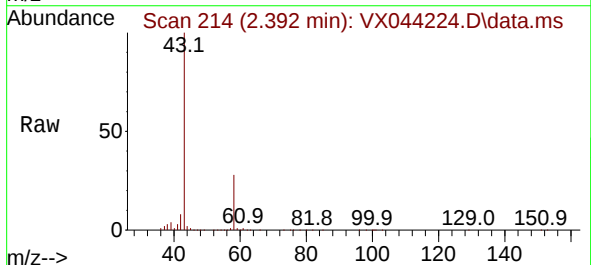
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

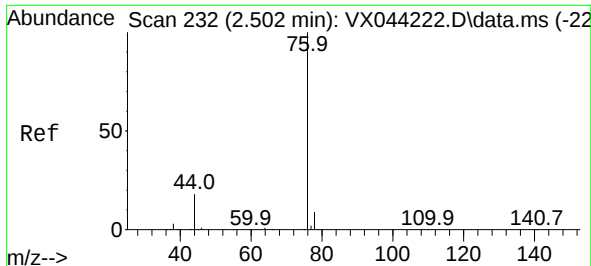
Tgt Ion: 53 Resp: 649783
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 37.0 30.3 45.5



#16
Acetone
Concen: 780.537 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 658120
Ion Ratio Lower Upper
43 100
58 28.1 21.6 32.4

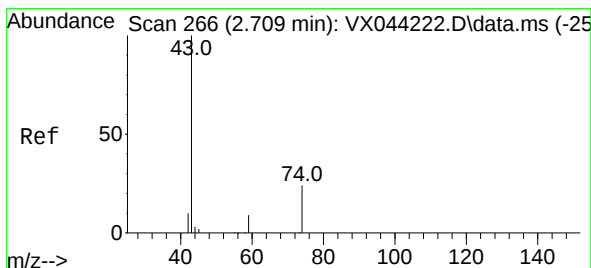
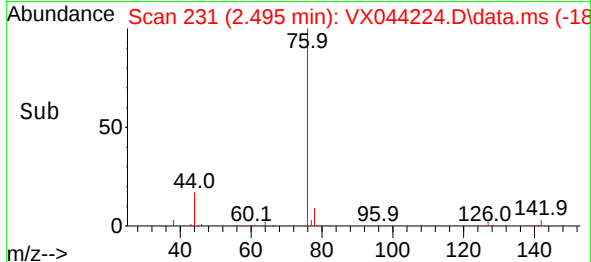
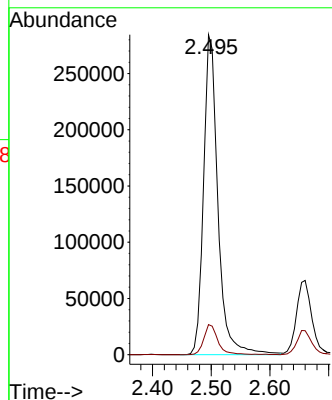
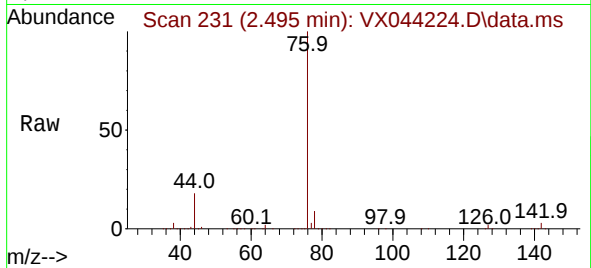




#17
Carbon Disulfide
Concen: 191.754 ug/l
RT: 2.495 min Scan# 241
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

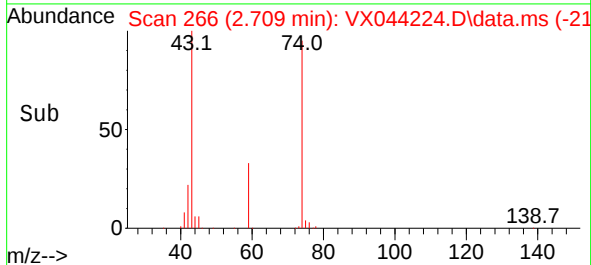
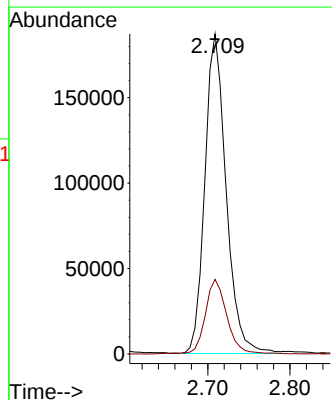
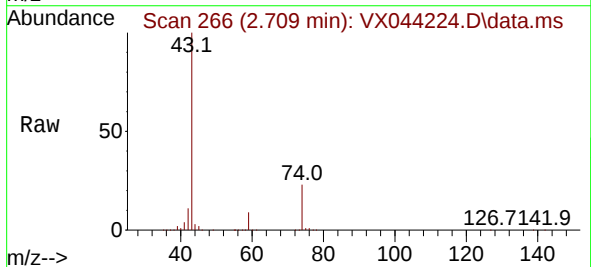
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

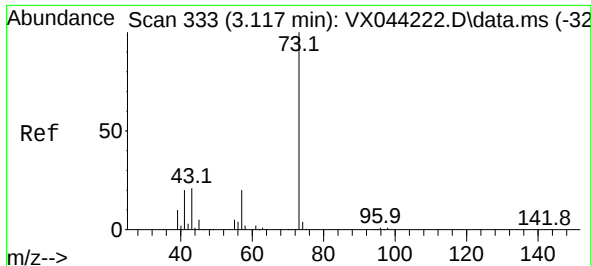
Tgt Ion: 76 Resp: 481926
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 154.792 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 336516
Ion Ratio Lower Upper
43 100
74 23.7 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 156.286 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

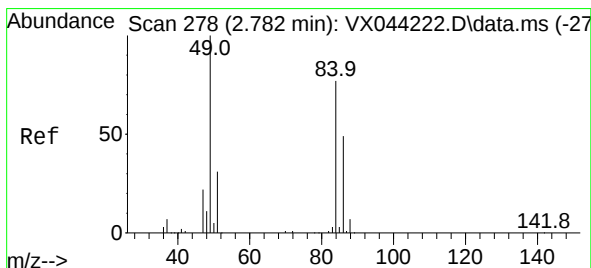
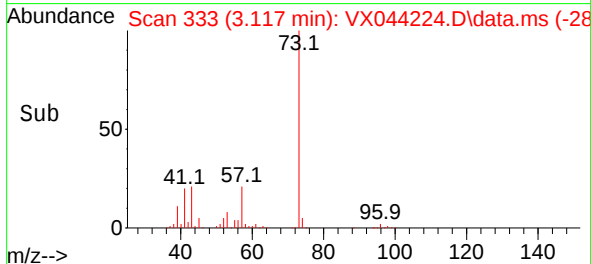
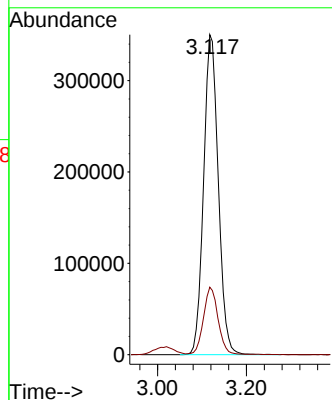
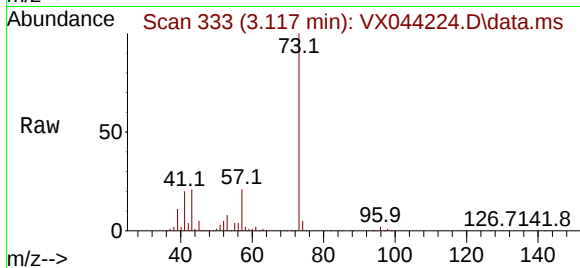
VSTDIC150

Tgt Ion: 73 Resp: 806360

Ion Ratio Lower Upper

73 100

57 21.1 16.2 24.4



#20

Methylene Chloride

Concen: 149.282 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion: 84 Resp: 236412

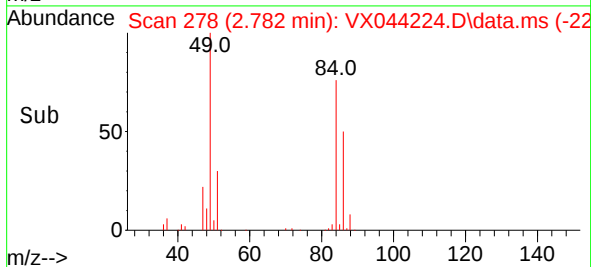
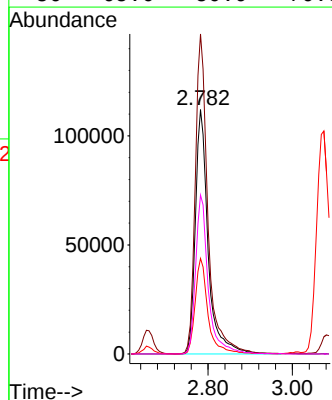
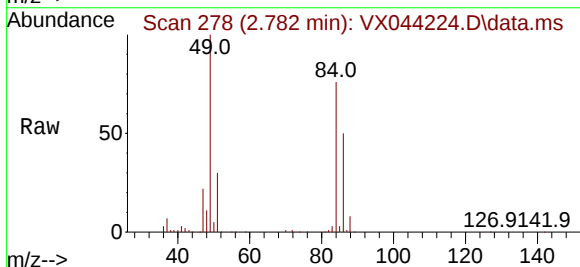
Ion Ratio Lower Upper

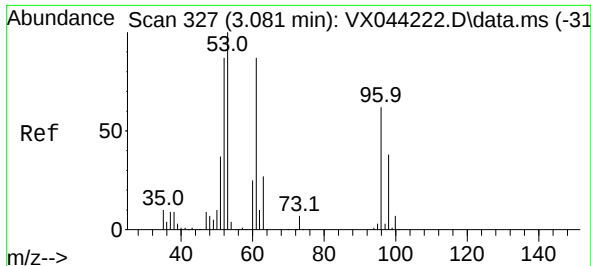
84 100

49 130.9 104.2 156.4

51 39.1 32.2 48.4

86 65.0 50.9 76.3

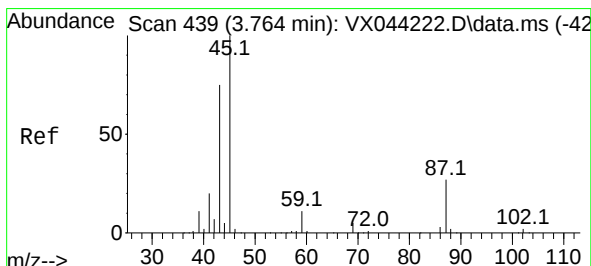
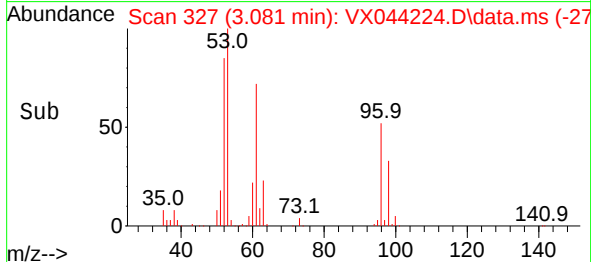
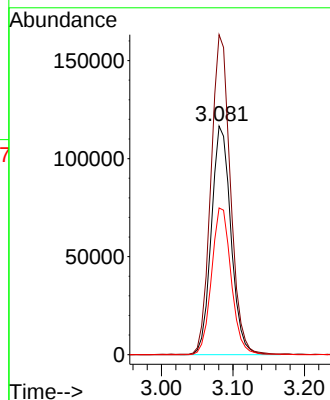
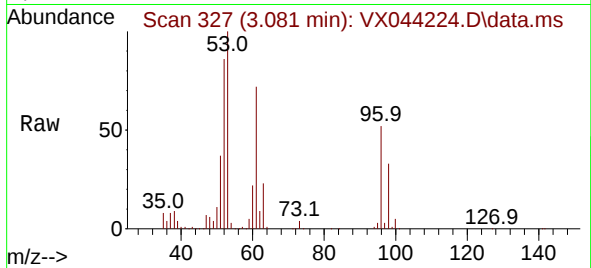




#21
trans-1,2-Dichloroethene
Concen: 157.719 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

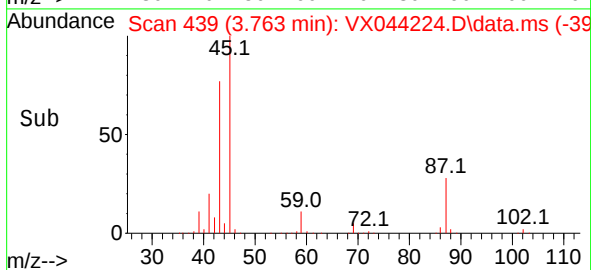
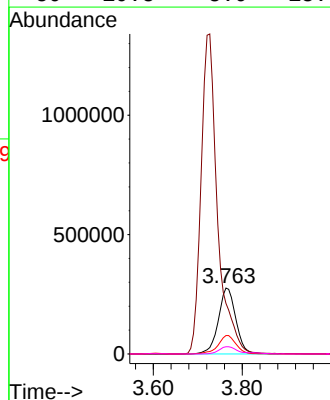
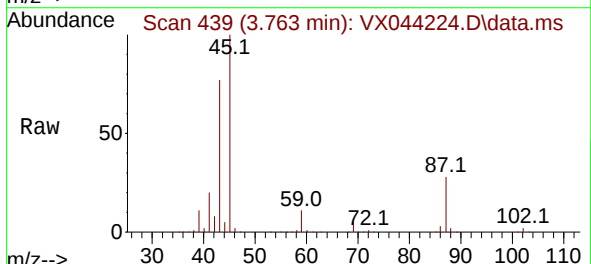
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

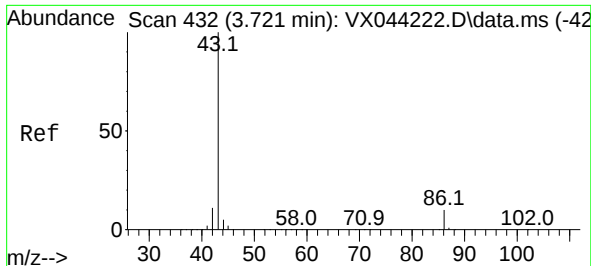
Tgt Ion: 96 Resp: 221622
Ion Ratio Lower Upper
96 100
61 139.7 112.0 168.0
98 64.2 48.8 73.2



#22
Diisopropyl ether
Concen: 151.500 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 45 Resp: 751292
Ion Ratio Lower Upper
45 100
43 76.6 60.2 90.2
87 28.0 21.2 31.8
59 10.8 8.9 13.3

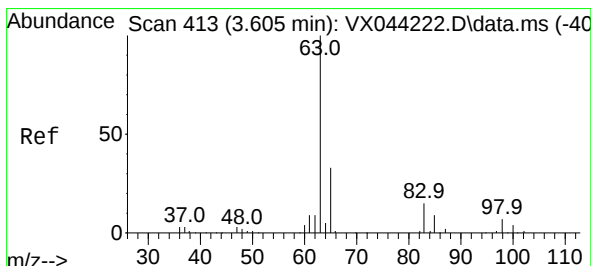
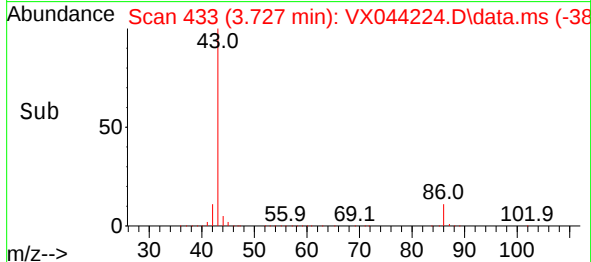
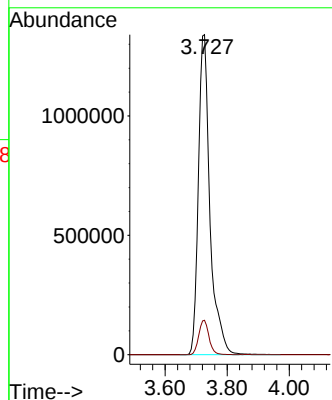
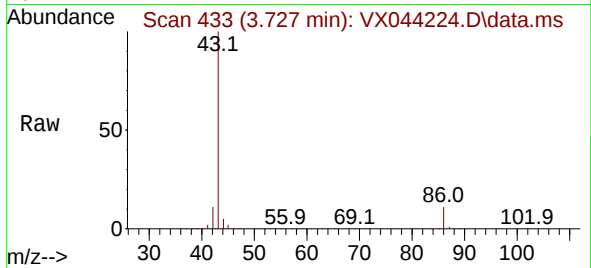




#23
 Vinyl Acetate
 Concen: 859.417 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

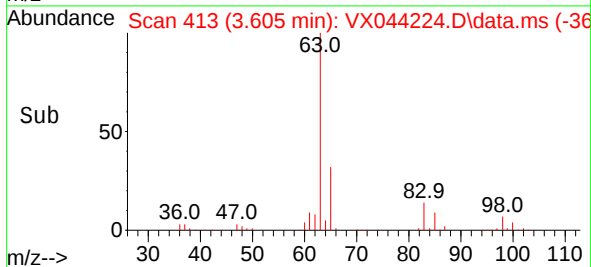
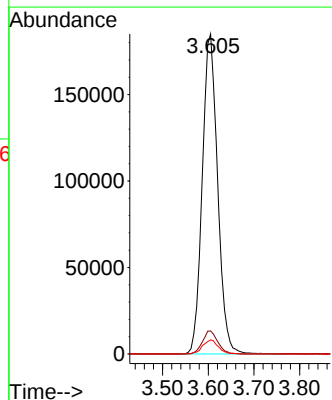
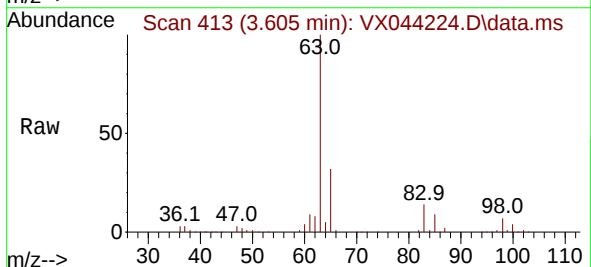
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

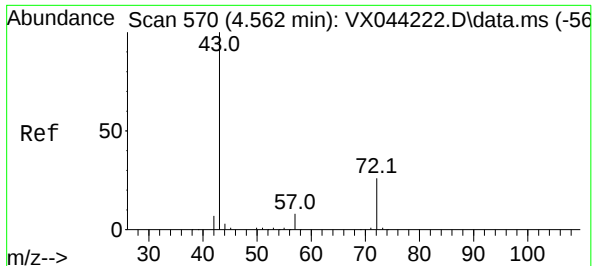
Tgt Ion: 43 Resp: 3464902
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 155.921 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 431006
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.4 2.1 6.3

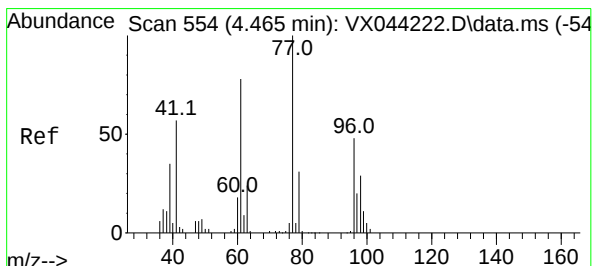
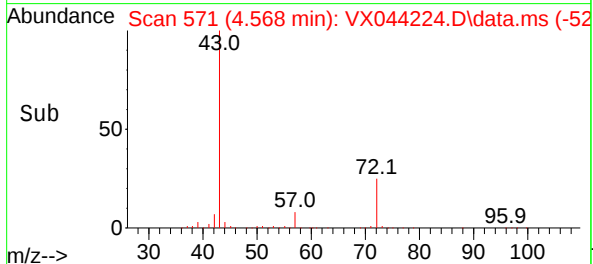
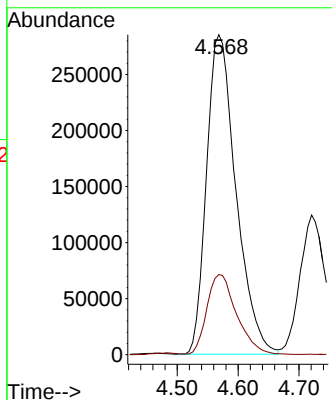
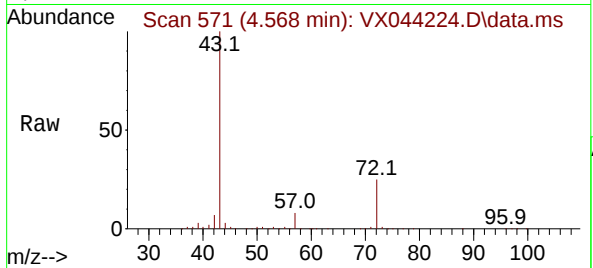




#25
2-Butanone
Concen: 798.973 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

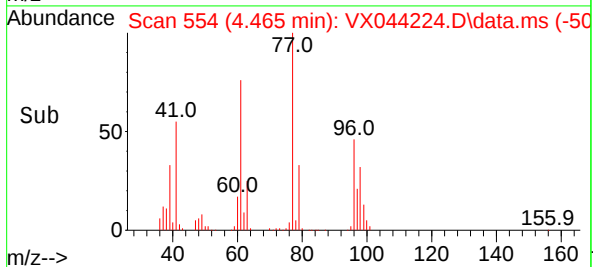
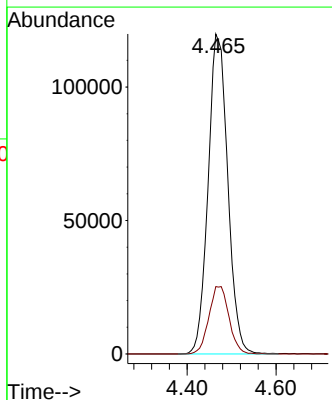
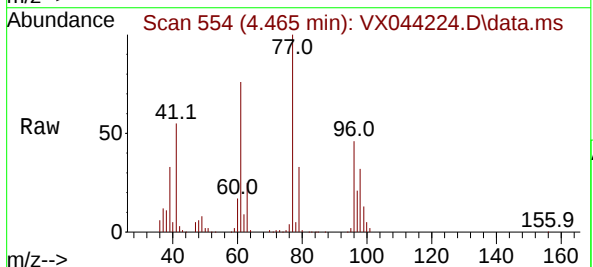
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

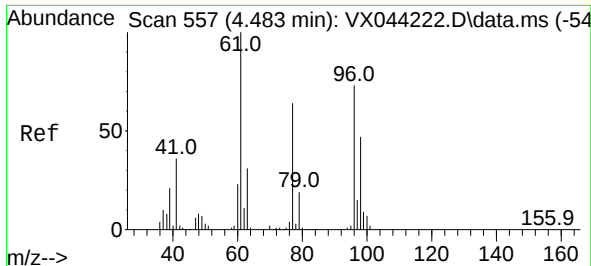
Tgt Ion: 43 Resp: 957709
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 163.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 77 Resp: 367781
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1

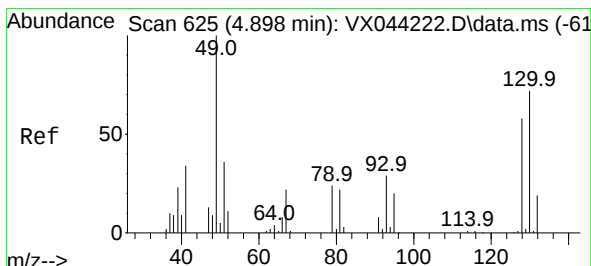
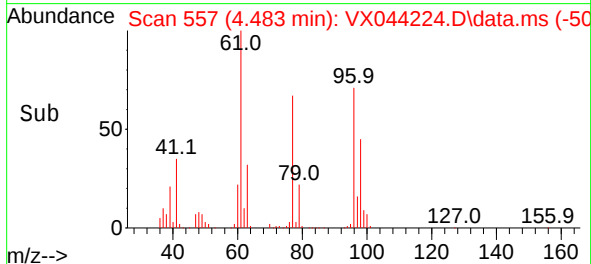
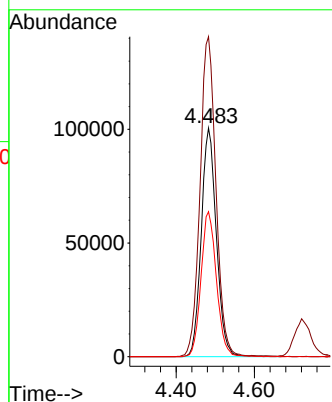
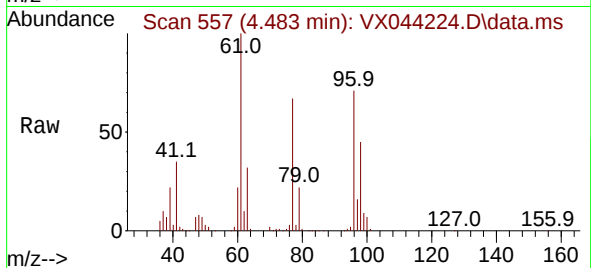




#27
 cis-1,2-Dichloroethene
 Concen: 151.131 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

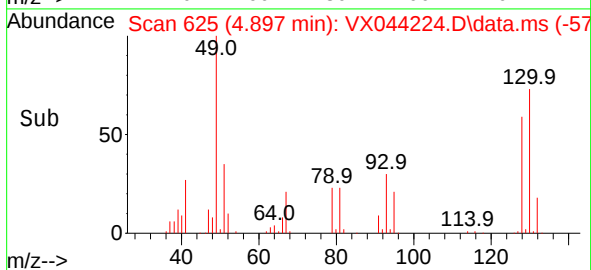
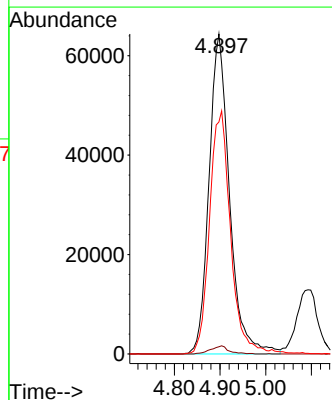
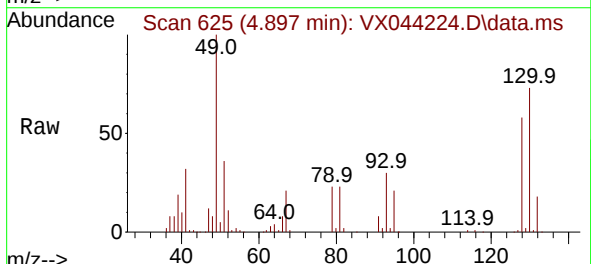
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

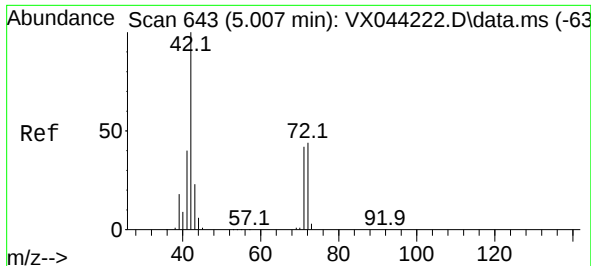
Tgt Ion: 96 Resp: 269708
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 299.0
 98 64.7 0.0 129.0



#28
 Bromochloromethane
 Concen: 148.269 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

Tgt Ion: 49 Resp: 200978
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 77.2 62.1 93.1

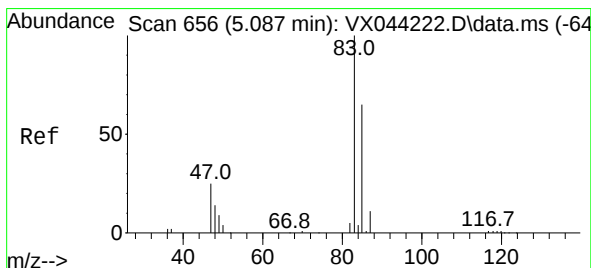
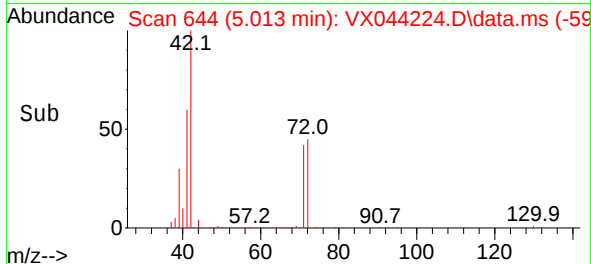
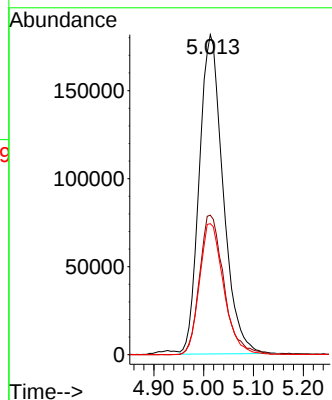
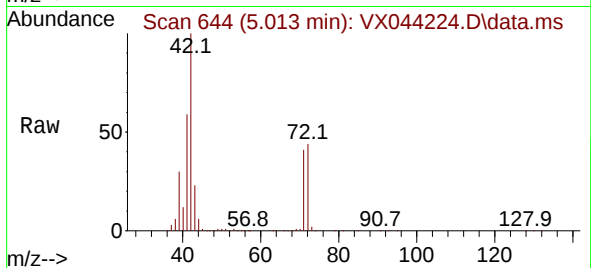




#29
Tetrahydrofuran
Concen: 782.561 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

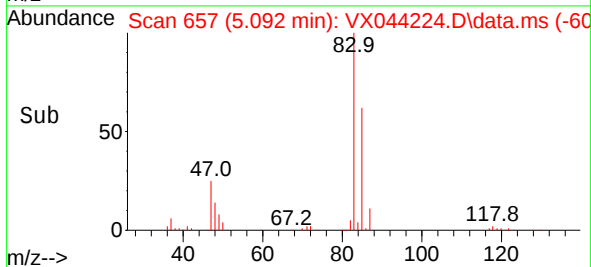
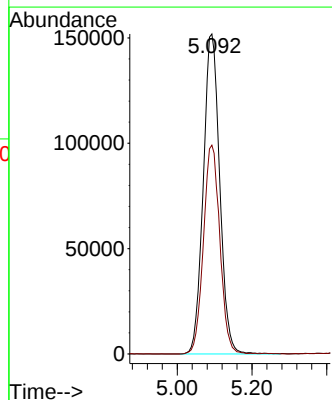
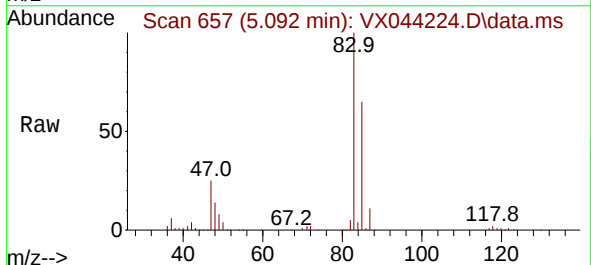
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

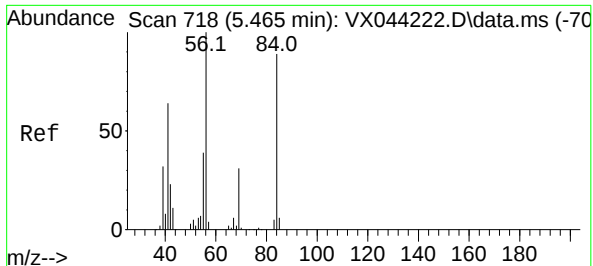
Tgt Ion: 42 Resp: 602095
Ion Ratio Lower Upper
42 100
72 44.8 37.0 55.6
71 41.7 33.6 50.4



#30
Chloroform
Concen: 149.274 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 83 Resp: 463606
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4

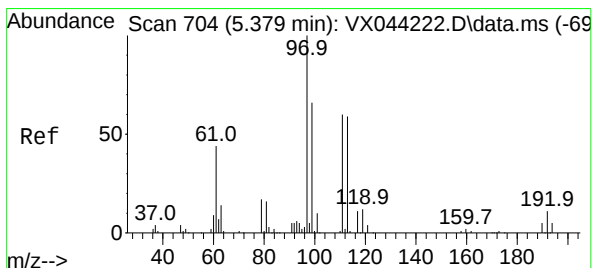
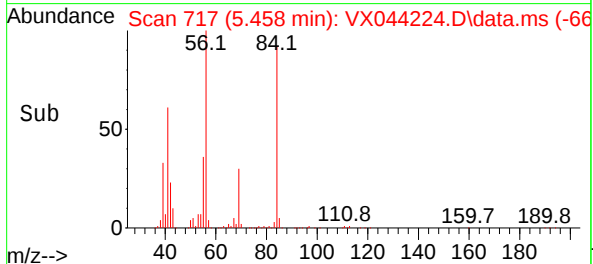
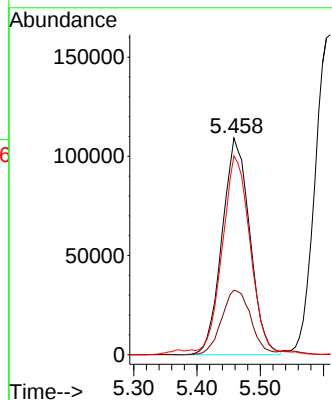
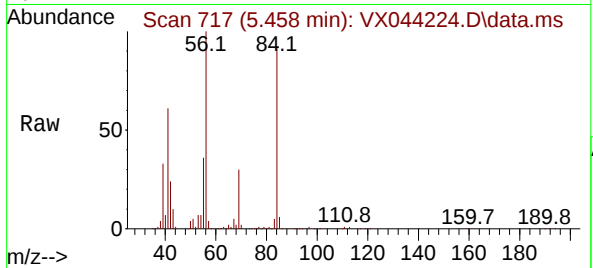




#31
Cyclohexane
Concen: 148.745 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

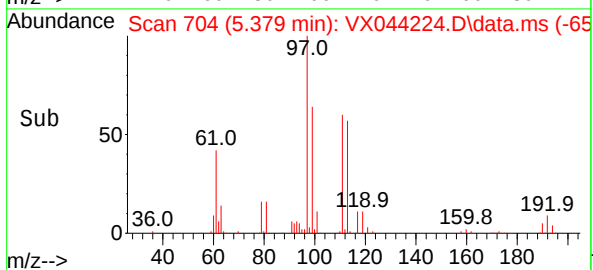
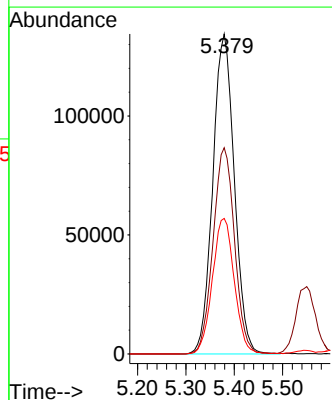
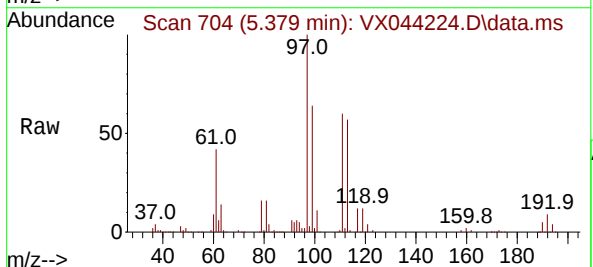
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

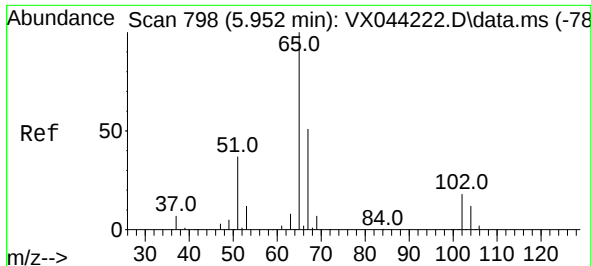
Tgt Ion: 56 Resp: 332026
Ion Ratio Lower Upper
56 100
69 29.8 24.7 37.1
84 90.1 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 161.073 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 97 Resp: 415253
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 43.2 35.2 52.8

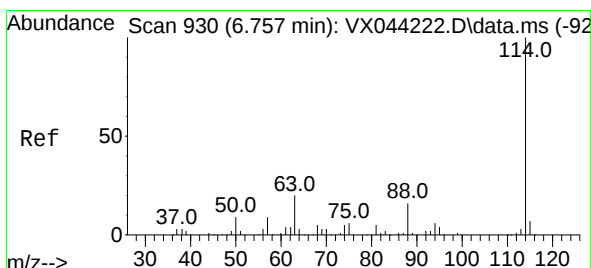
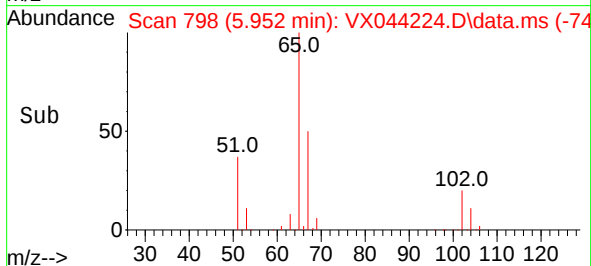
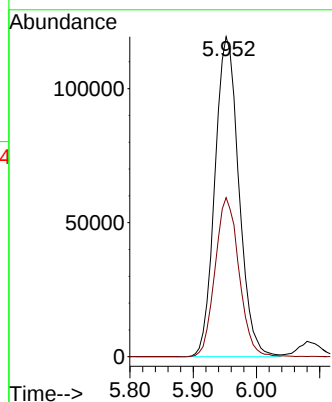
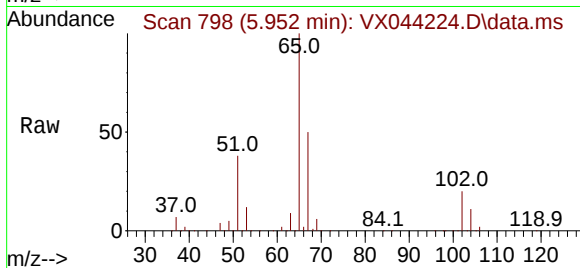




#33
 1,2-Dichloroethane-d4
 Concen: 151.956 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

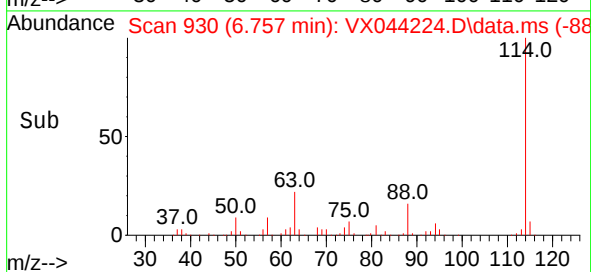
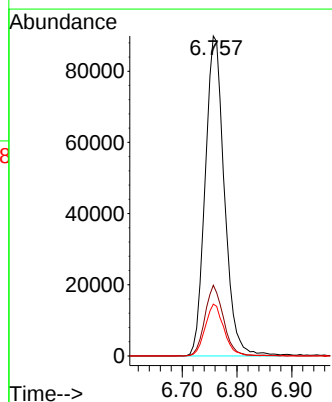
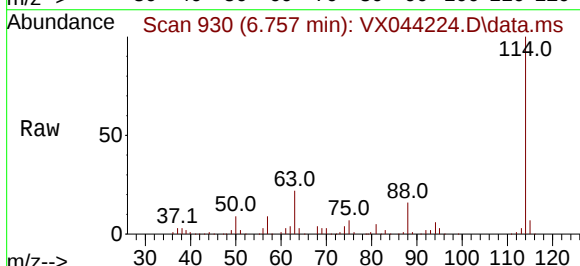
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

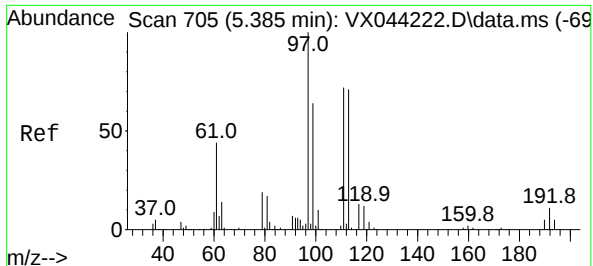
Tgt Ion: 65 Resp: 314272
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

Tgt Ion: 114 Resp: 218610
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.6
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 153.188 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

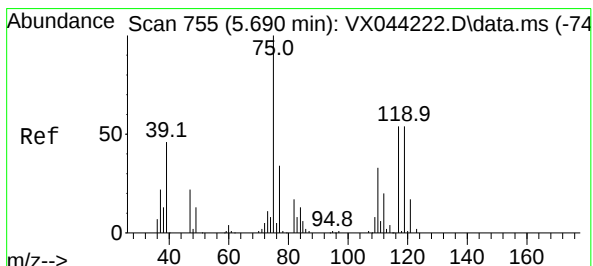
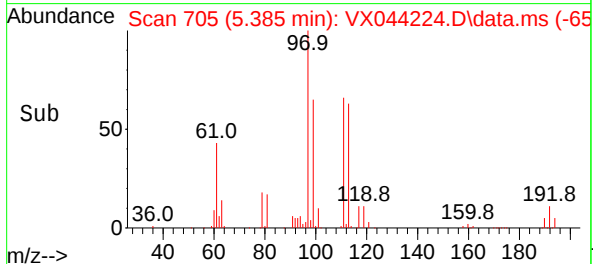
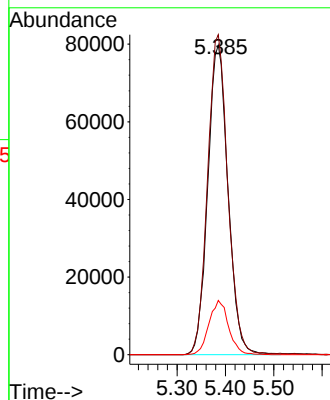
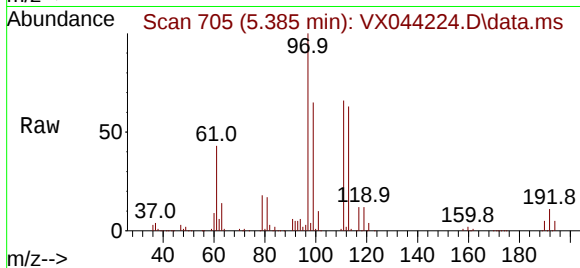
Tgt Ion:113 Resp: 231937

Ion Ratio Lower Upper

113 100

111 103.1 80.4 120.6

192 17.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 148.642 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

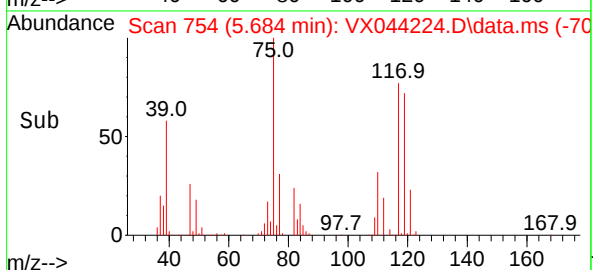
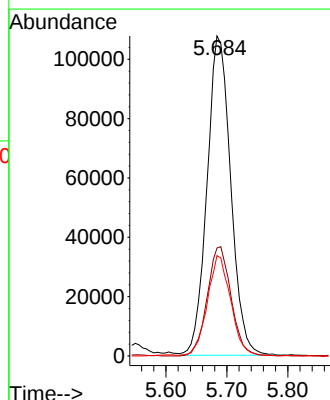
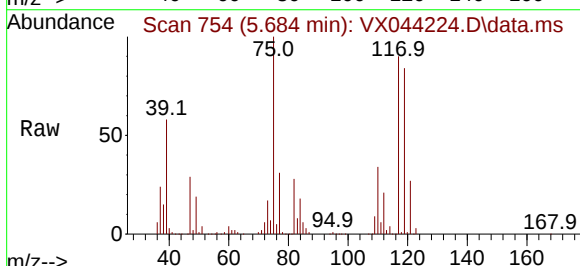
Tgt Ion: 75 Resp: 290913

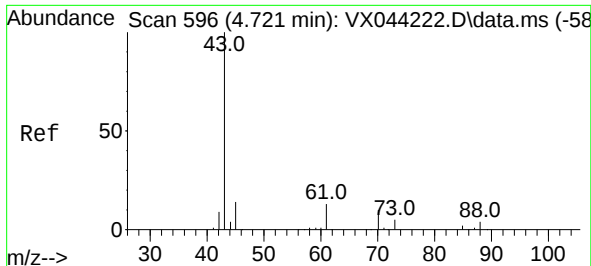
Ion Ratio Lower Upper

75 100

110 34.6 17.3 51.7

77 31.1 25.4 38.0





#37

Ethyl Acetate

Concen: 155.731 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

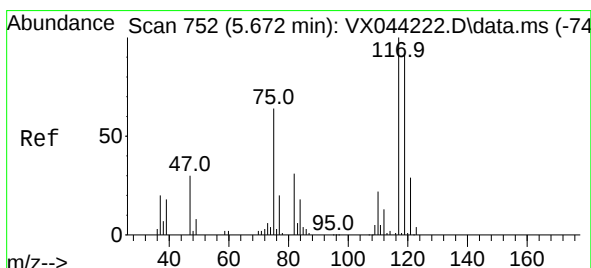
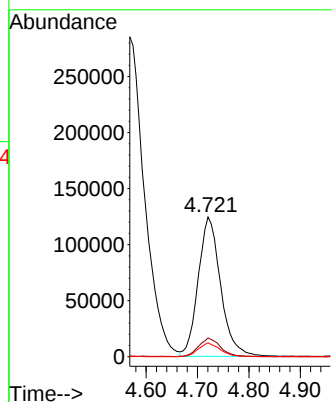
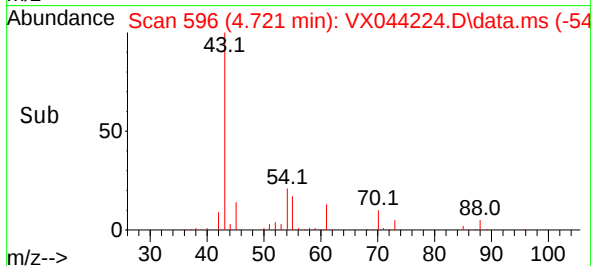
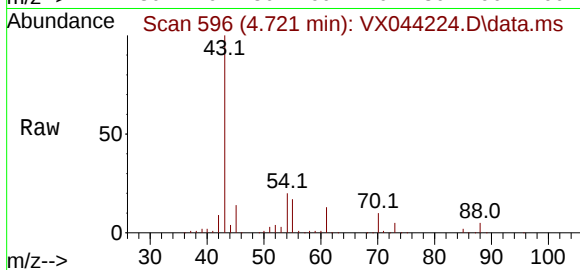
Tgt Ion: 43 Resp: 376757

Ion Ratio Lower Upper

43 100

61 13.2 9.8 14.8

70 9.6 7.7 11.5



#38

Carbon Tetrachloride

Concen: 164.587 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

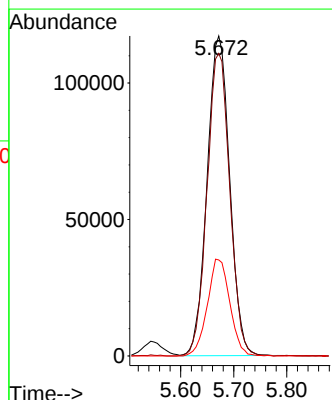
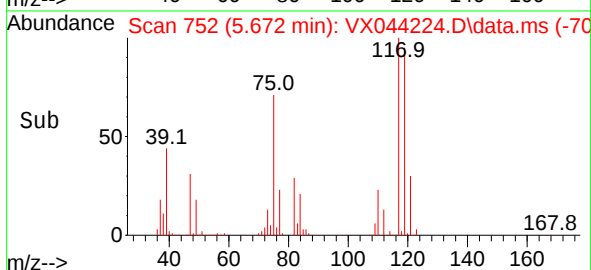
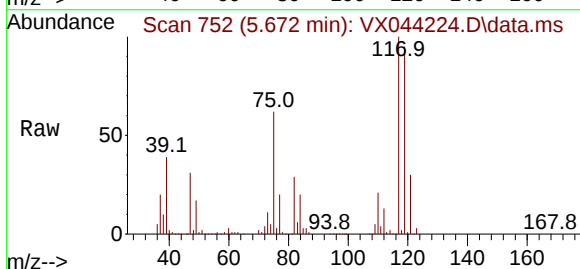
Tgt Ion: 117 Resp: 346795

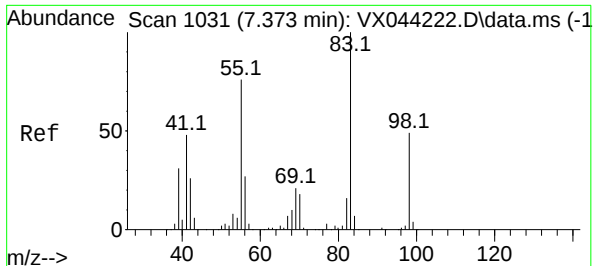
Ion Ratio Lower Upper

117 100

119 94.6 74.2 111.4

121 30.1 23.0 34.6

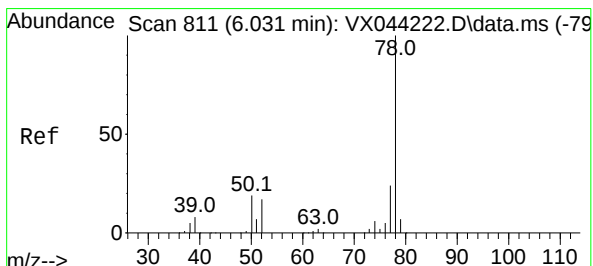
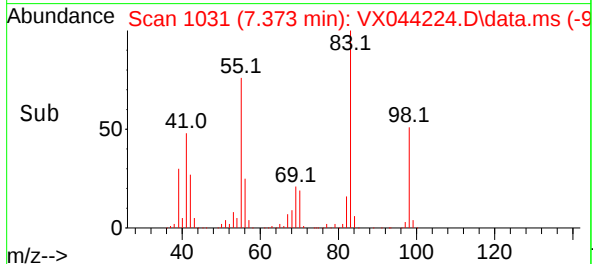
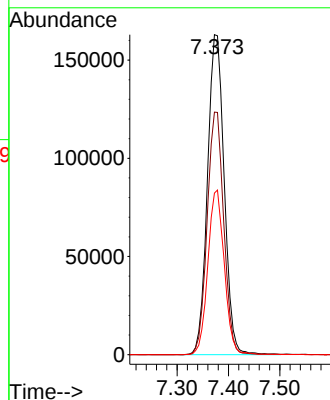
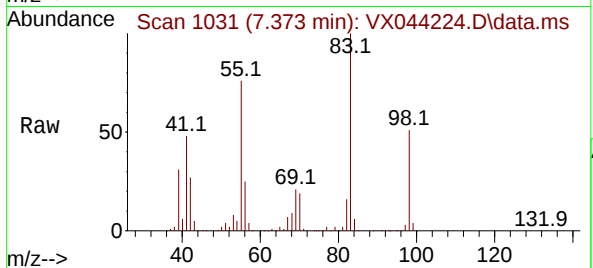




#39
Methylcyclohexane
Concen: 157.516 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

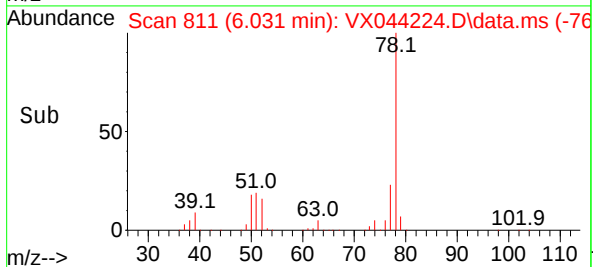
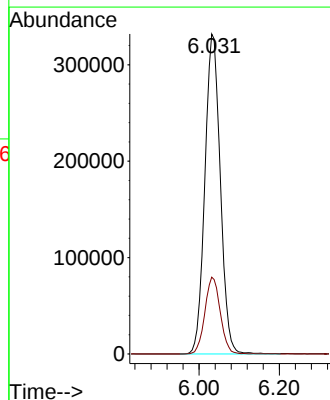
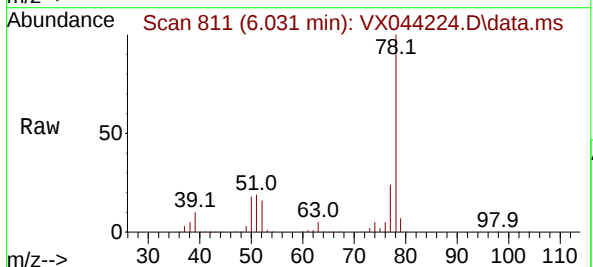
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

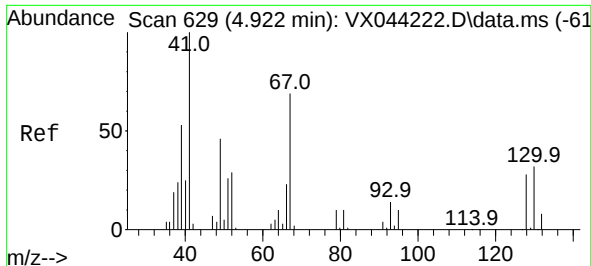
Tgt Ion: 83 Resp: 368542
Ion Ratio Lower Upper
83 100
55 75.8 60.7 91.1
98 50.5 38.9 58.3



#40
Benzene
Concen: 149.340 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 78 Resp: 887413
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



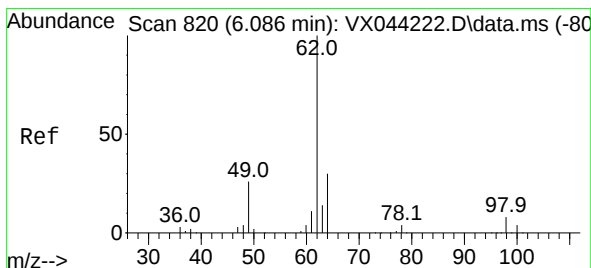
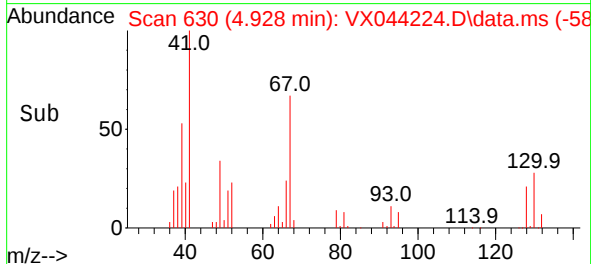
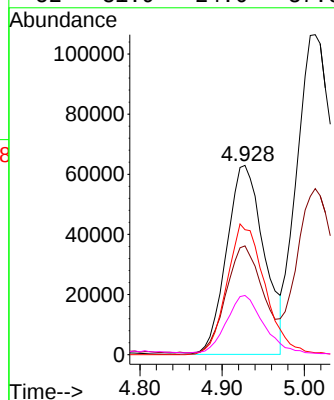
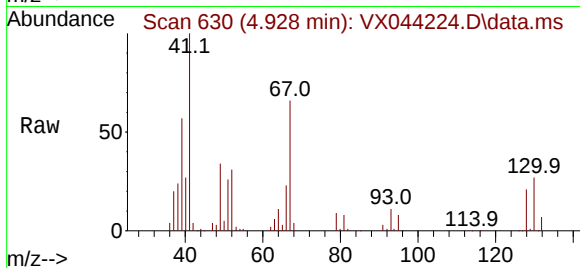


#41
Methacrylonitrile
Concen: 155.569 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 199851

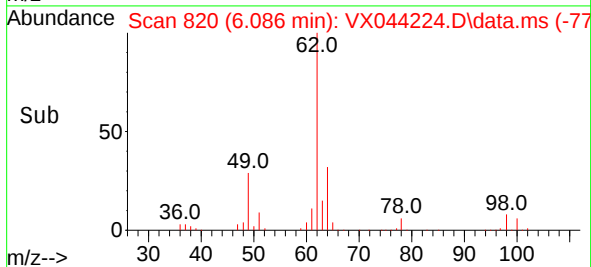
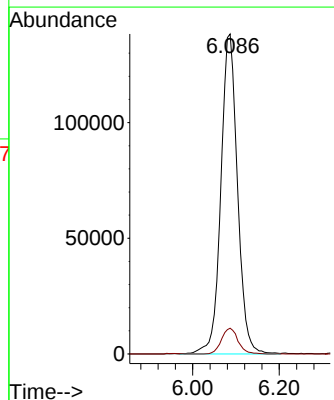
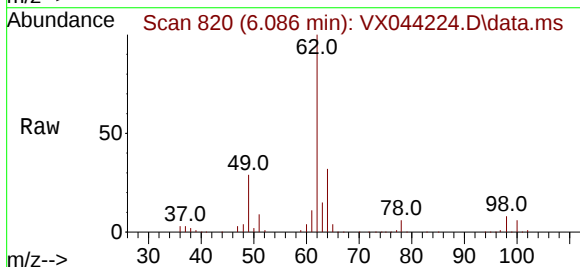
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.2	66.4
67	70.2	57.2	85.8
52	31.9	24.6	37.0

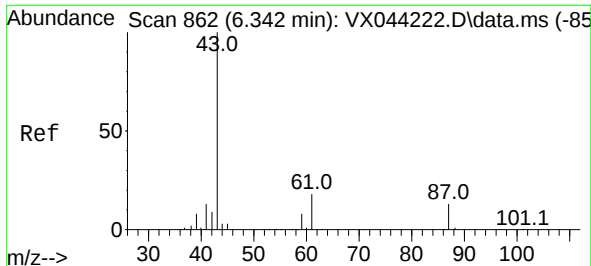


#42
1,2-Dichloroethane
Concen: 151.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 62 Resp: 369874

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 163.200 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

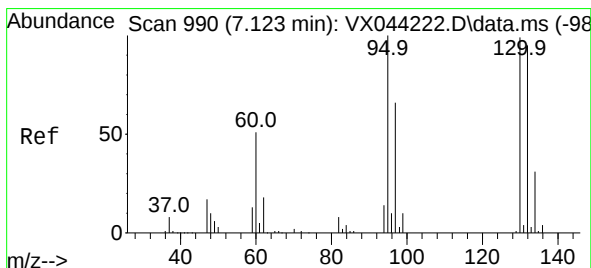
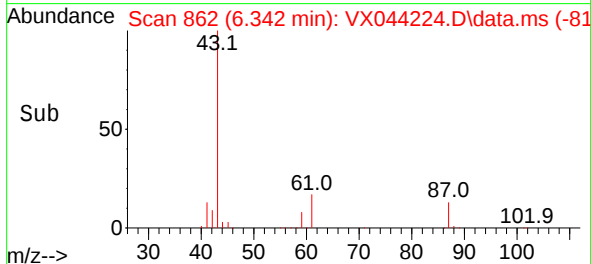
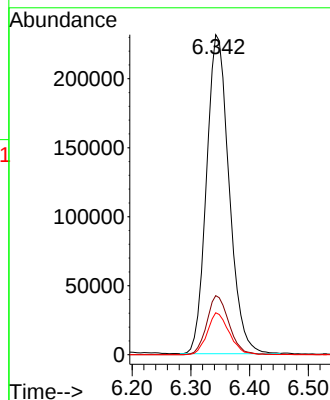
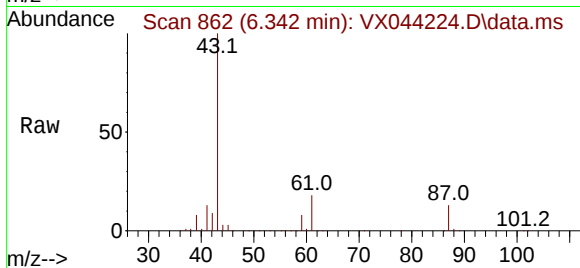
Tgt Ion: 43 Resp: 617107

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.2

87 12.8 10.2 15.2



#44

Trichloroethene

Concen: 151.275 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044224.D

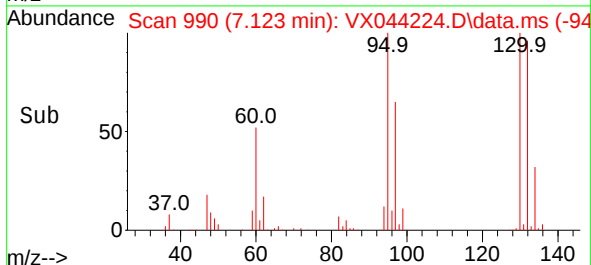
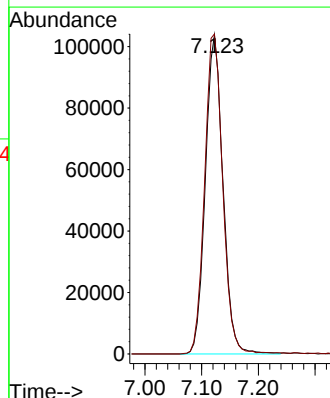
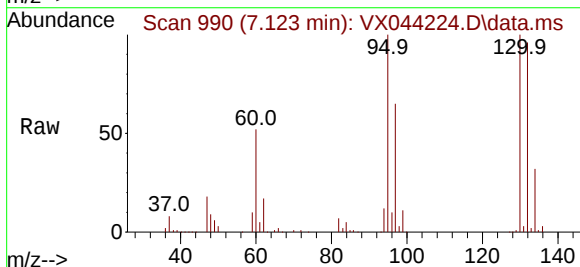
Acq: 11 Dec 2024 13:00

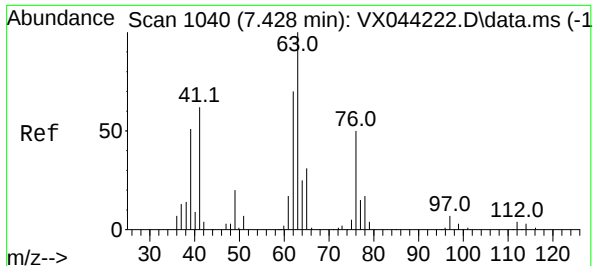
Tgt Ion:130 Resp: 224164

Ion Ratio Lower Upper

130 100

95 100.3 0.0 201.4





#45

1,2-Dichloropropane

Concen: 147.697 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

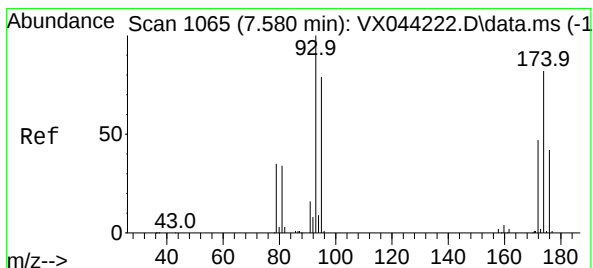
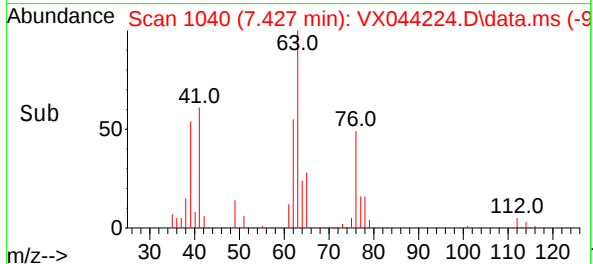
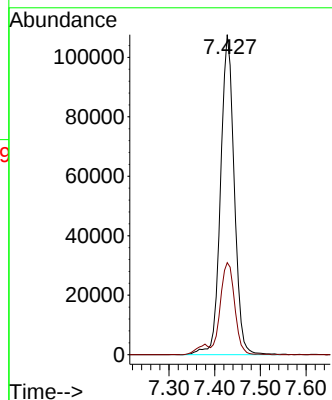
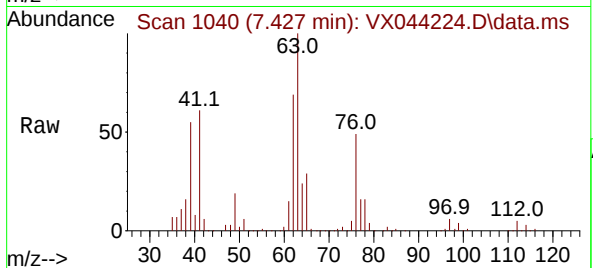
VSTDIC150

Tgt Ion: 63 Resp: 224224

Ion Ratio Lower Upper

63 100

65 28.8 24.6 37.0



#46

Dibromomethane

Concen: 156.728 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

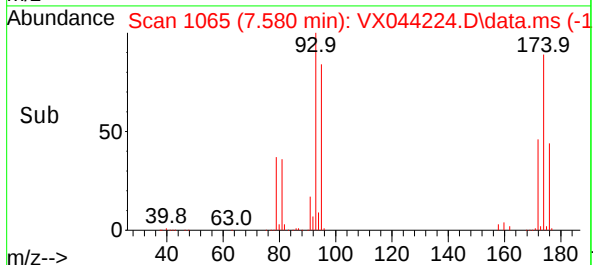
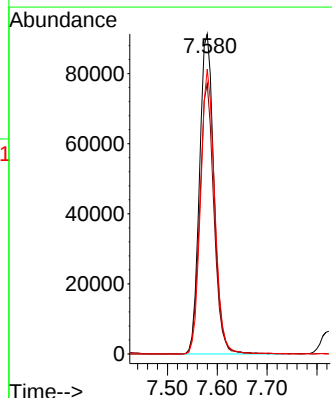
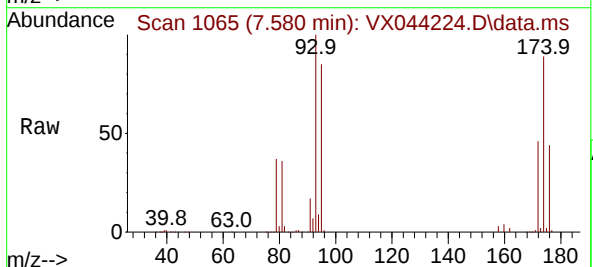
Tgt Ion: 93 Resp: 184590

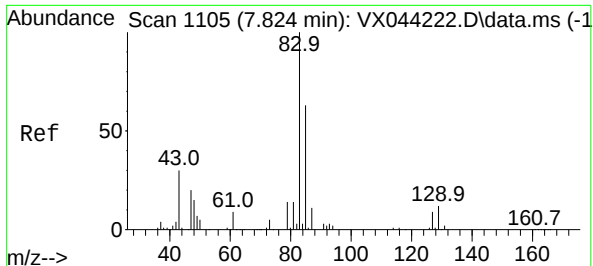
Ion Ratio Lower Upper

93 100

95 82.4 65.4 98.2

174 86.7 67.9 101.9

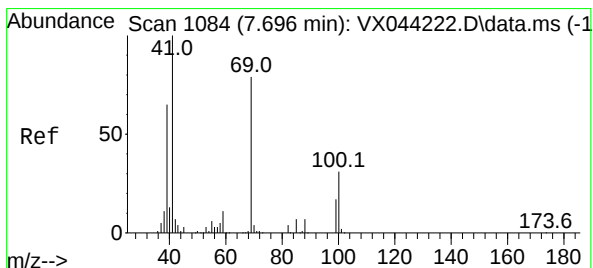
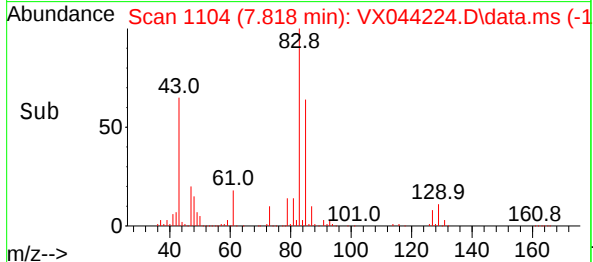
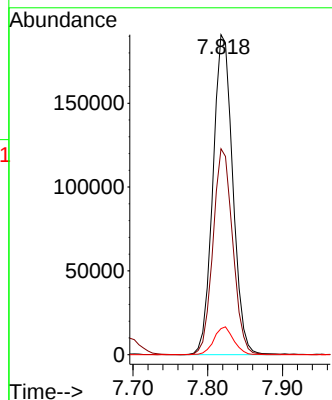
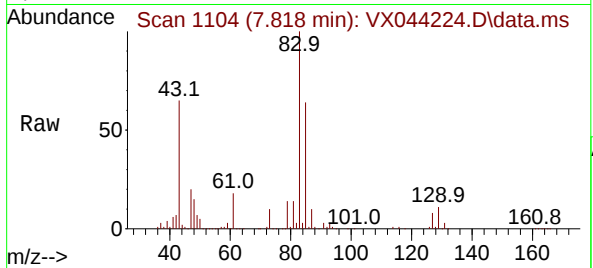




#47
Bromodichloromethane
Concen: 173.496 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

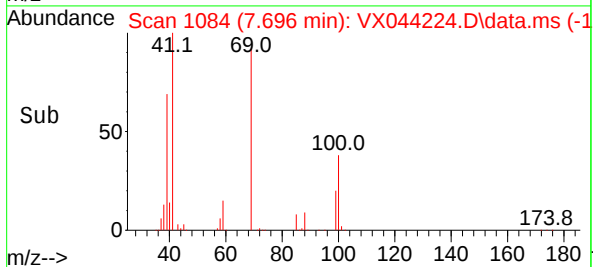
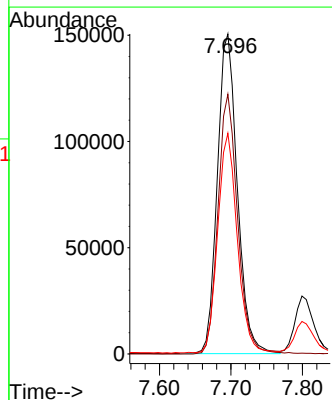
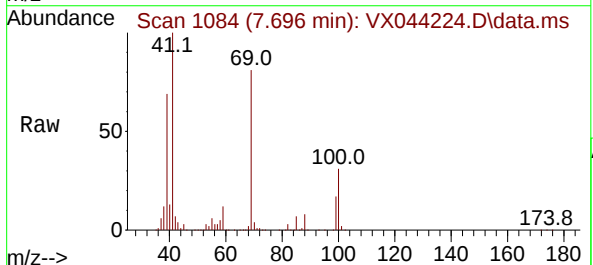
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

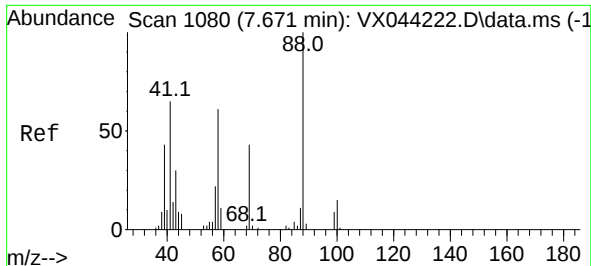
Tgt Ion: 83 Resp: 352904
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8
127 8.1 7.3 10.9



#48
Methyl methacrylate
Concen: 159.567 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 41 Resp: 292890
Ion Ratio Lower Upper
41 100
69 80.0 62.4 93.6
39 67.8 53.3 79.9





#49

1,4-Dioxane

Concen: 3539.235 ug/l

RT: 7.665 min Scan# 111023

Delta R.T. -0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

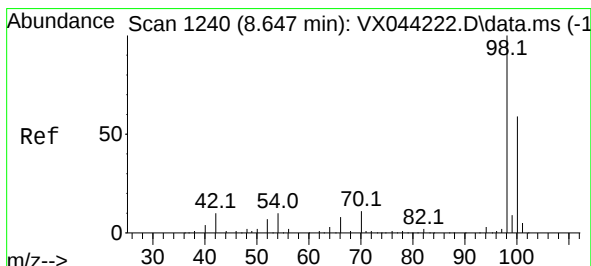
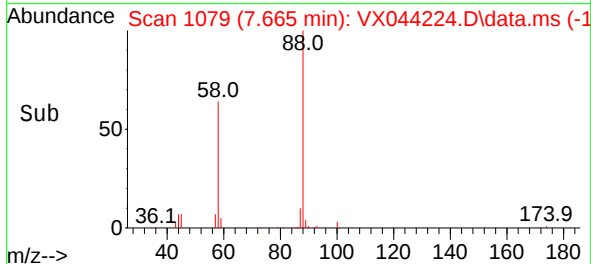
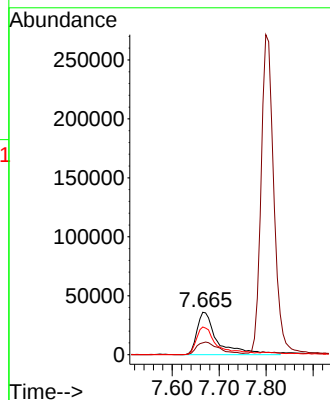
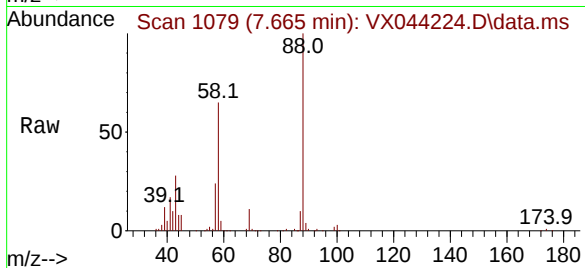
Tgt Ion: 88 Resp: 111023

Ion Ratio Lower Upper

88 100

43 32.0 27.1 40.7

58 63.3 41.0 61.4#



#50

Toluene-d8

Concen: 154.438 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044224.D

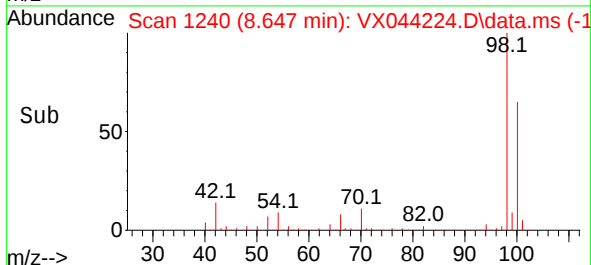
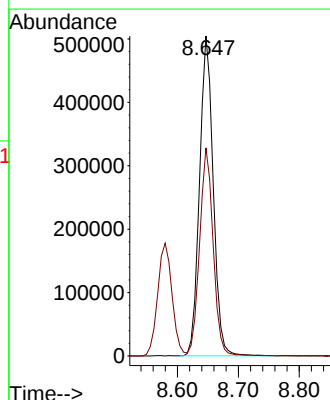
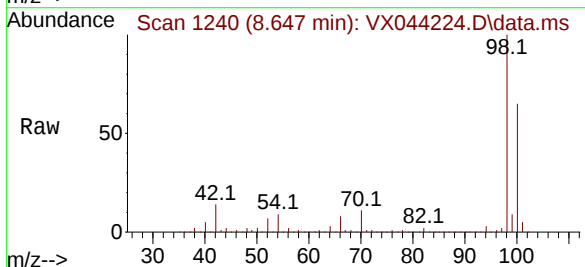
Acq: 11 Dec 2024 13:00

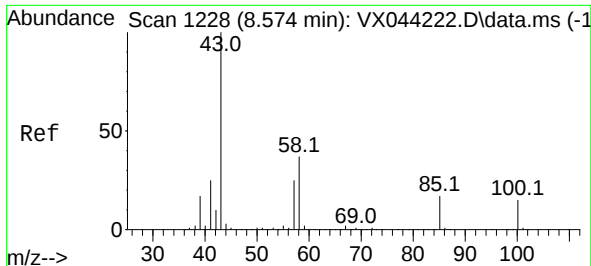
Tgt Ion: 98 Resp: 788876

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 784.573 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

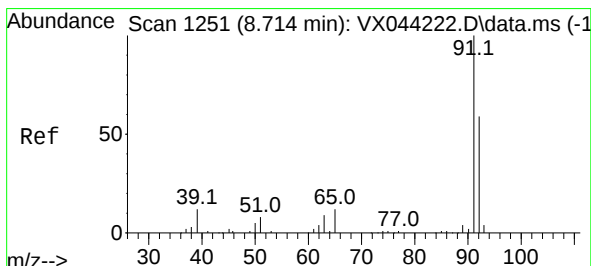
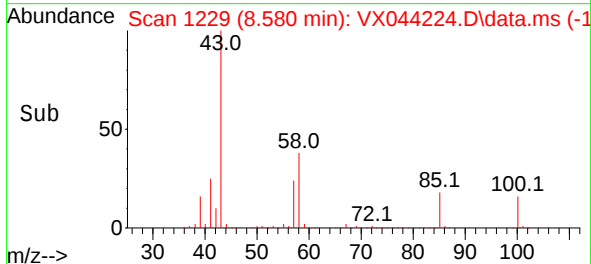
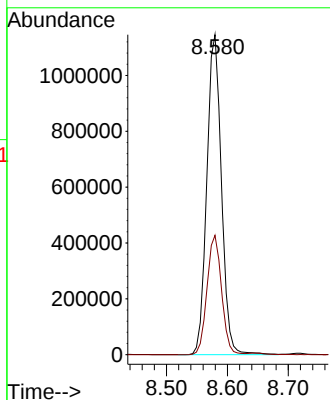
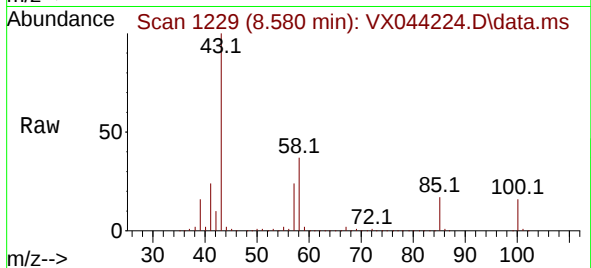
VSTDICC150

Tgt Ion: 43 Resp: 1907523

Ion Ratio Lower Upper

43 100

58 37.1 29.4 44.0



#52

Toluene

Concen: 149.294 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044224.D

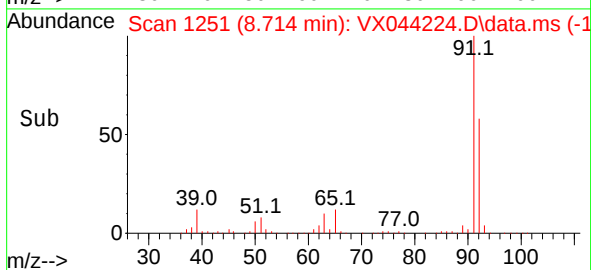
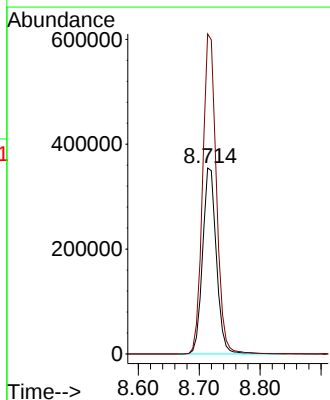
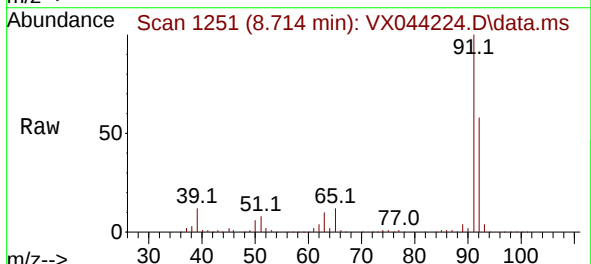
Acq: 11 Dec 2024 13:00

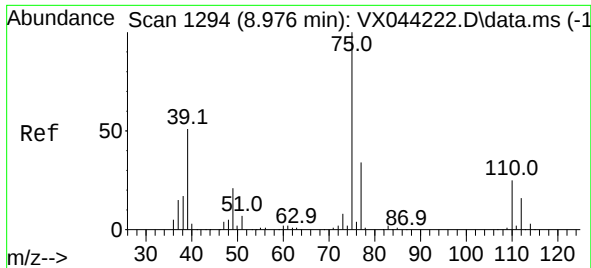
Tgt Ion: 92 Resp: 557102

Ion Ratio Lower Upper

92 100

91 172.4 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 150.167 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

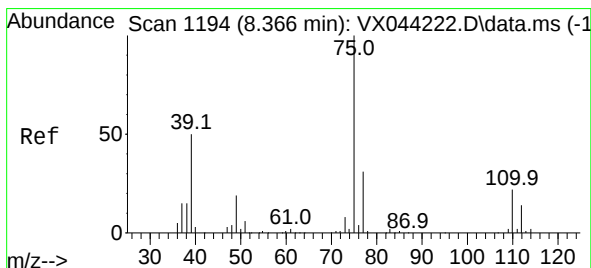
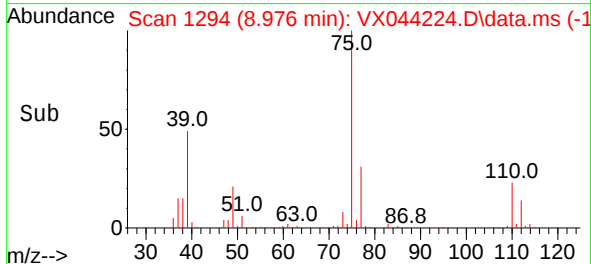
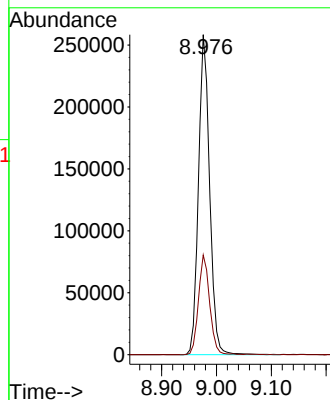
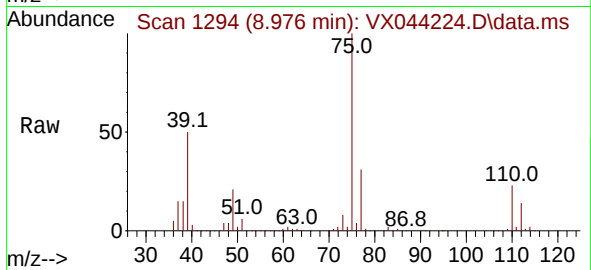
VSTDIC150

Tgt Ion: 75 Resp: 366275

Ion Ratio Lower Upper

75 100

77 31.1 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 172.581 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

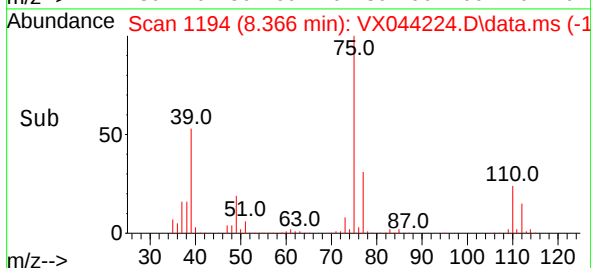
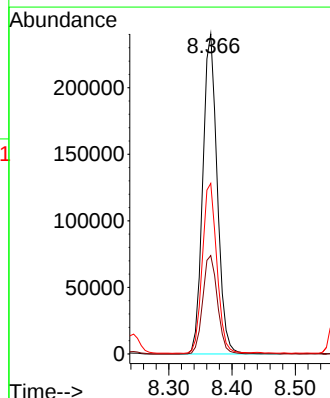
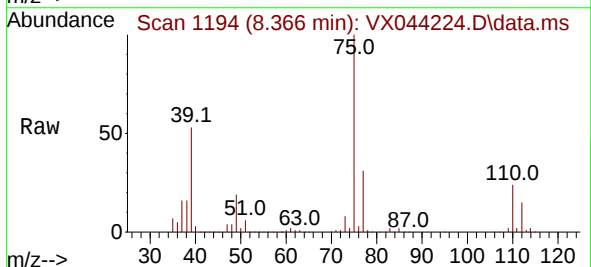
Tgt Ion: 75 Resp: 382226

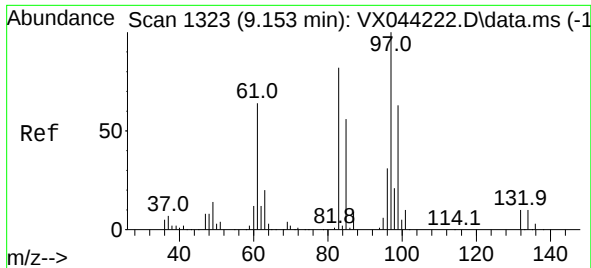
Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

39 53.1 40.3 60.5



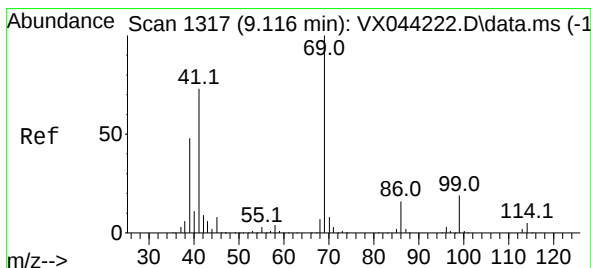
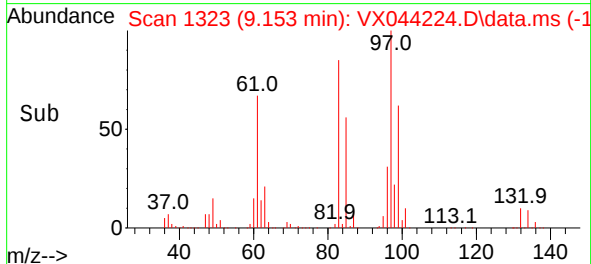
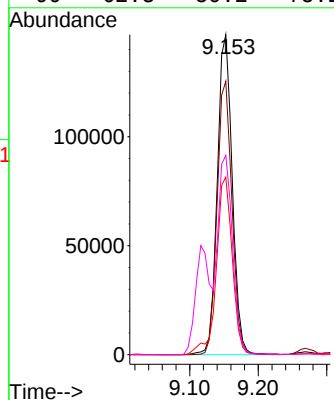
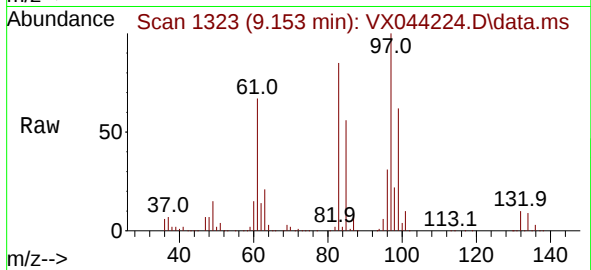


#55
1,1,2-Trichloroethane
Concen: 150.202 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 222665

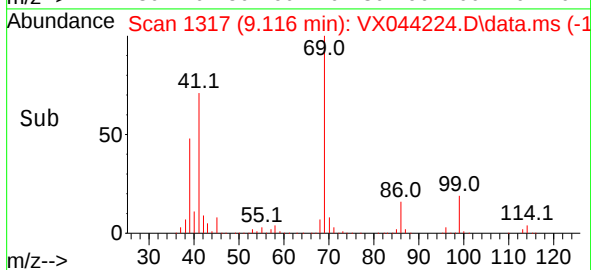
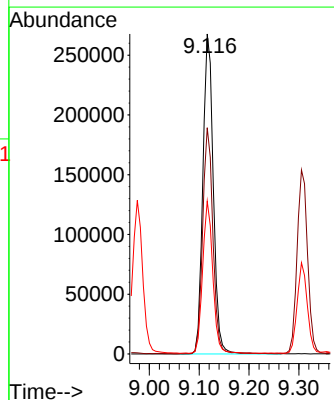
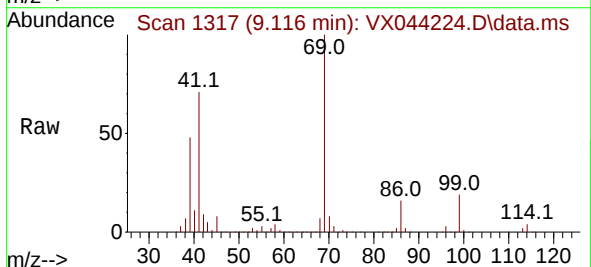
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.3	97.9
85	55.5	44.6	67.0
99	62.3	50.2	75.2

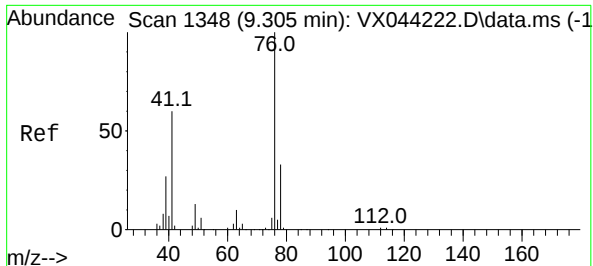


#56
Ethyl methacrylate
Concen: 166.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 69 Resp: 389165

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.6	85.0
39	46.2	37.4	56.0

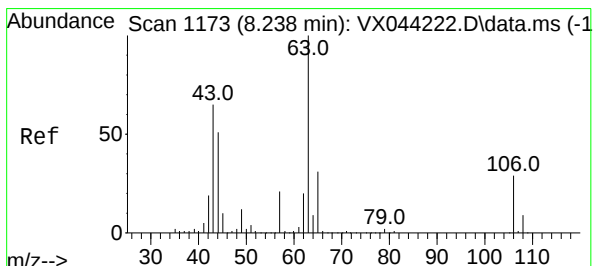
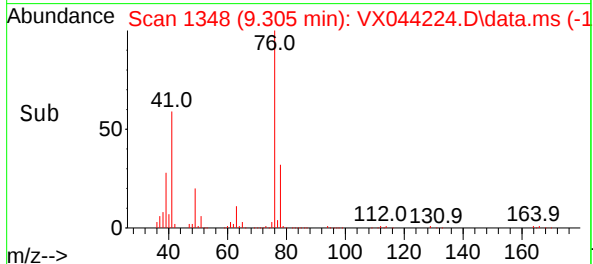
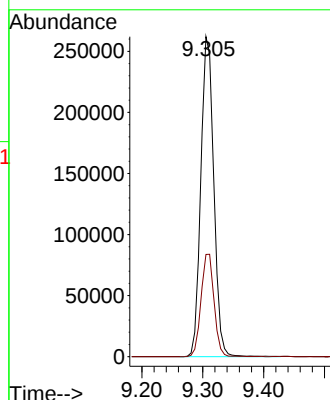
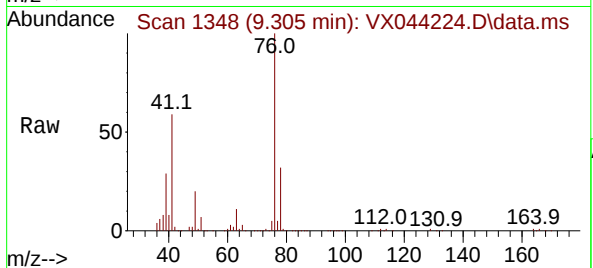




#57
1,3-Dichloropropane
Concen: 150.014 ug/l
RT: 9.305 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

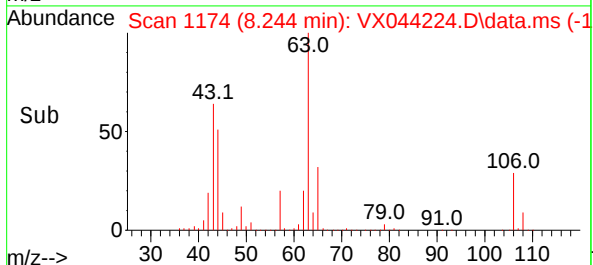
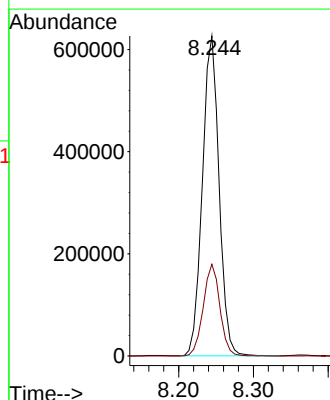
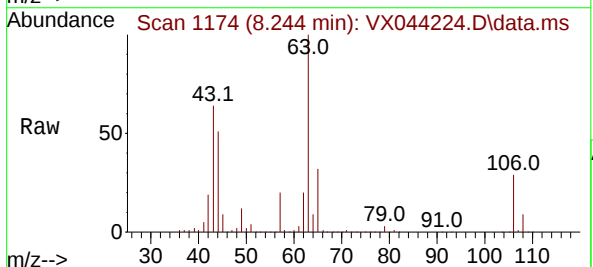
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

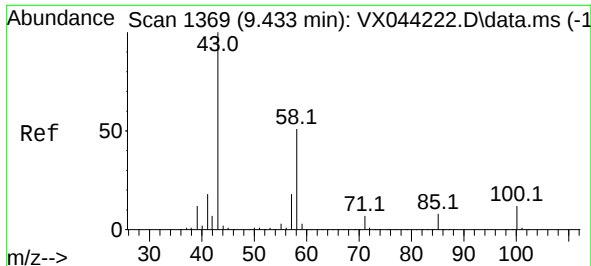
Tgt Ion: 76 Resp: 387086
Ion Ratio Lower Upper
76 100
78 32.2 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 822.575 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 63 Resp: 970949
Ion Ratio Lower Upper
63 100
106 28.5 22.8 34.2





#59

2-Hexanone

Concen: 816.161 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

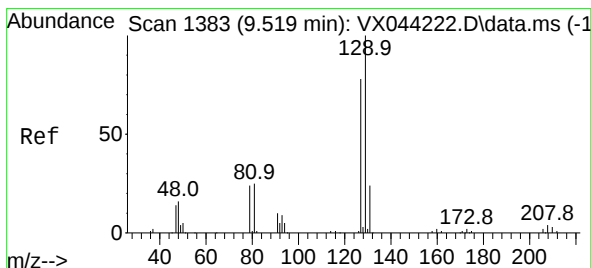
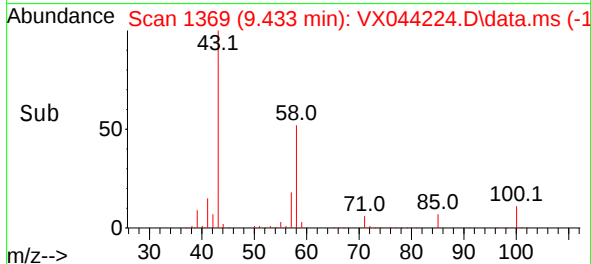
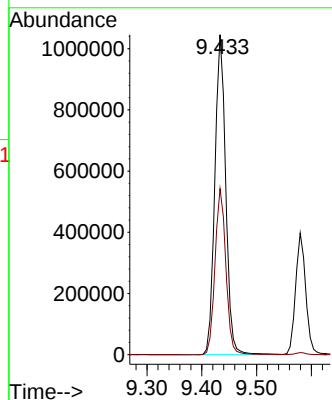
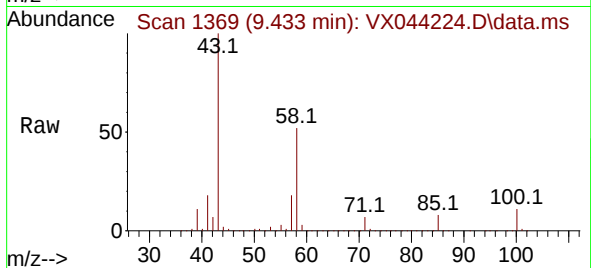
VSTDIC150

Tgt Ion: 43 Resp: 1436300

Ion Ratio Lower Upper

43 100

58 52.0 25.7 77.0



#60

Dibromochloromethane

Concen: 150.105 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX044224.D

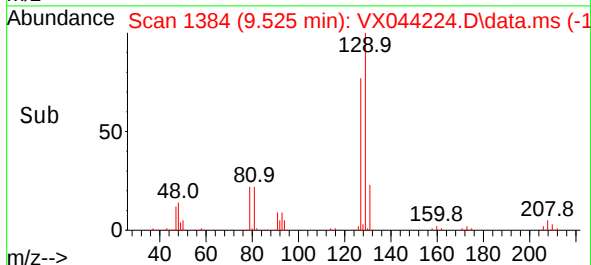
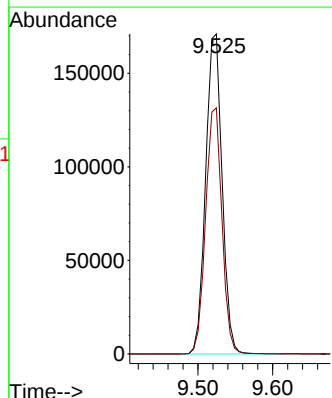
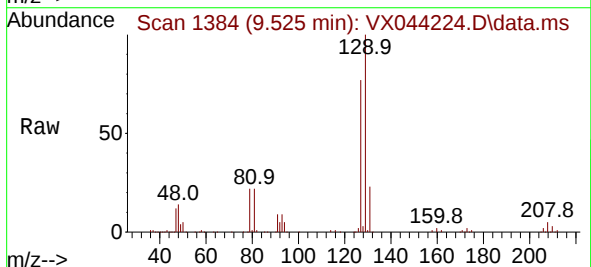
Acq: 11 Dec 2024 13:00

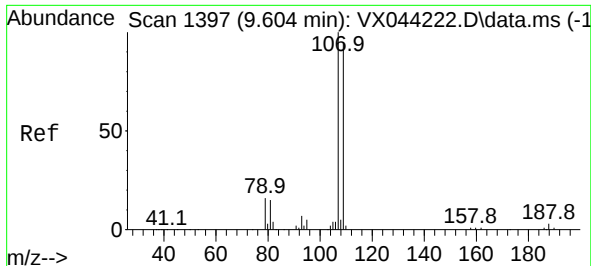
Tgt Ion: 129 Resp: 261253

Ion Ratio Lower Upper

129 100

127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 160.674 ug/l

RT: 9.610 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

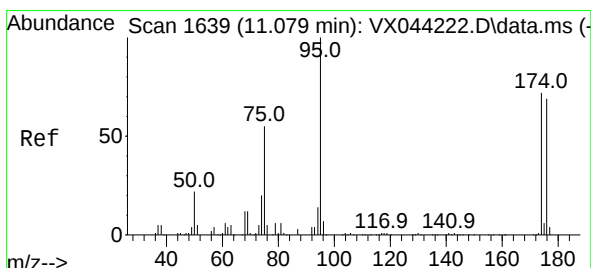
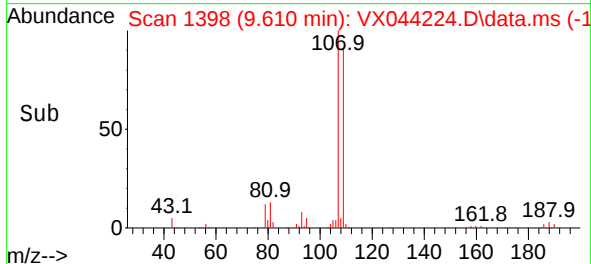
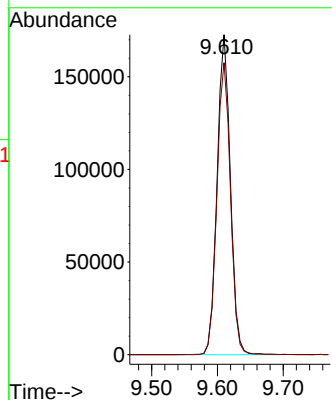
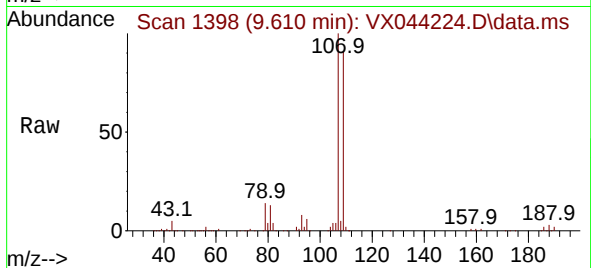
VSTDIC150

Tgt Ion:107 Resp: 242451

Ion Ratio Lower Upper

107 100

109 93.4 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 156.709 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

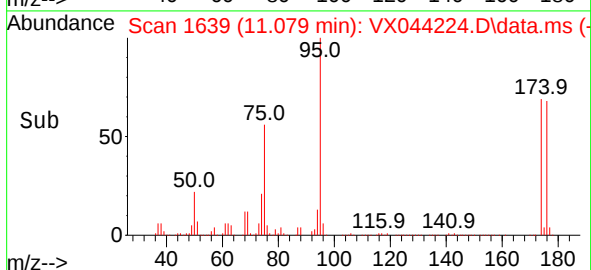
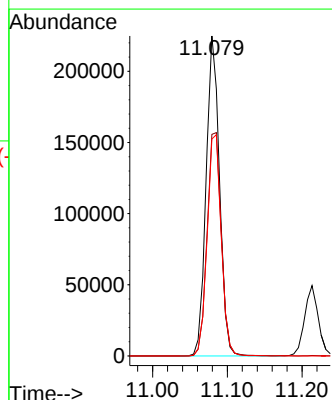
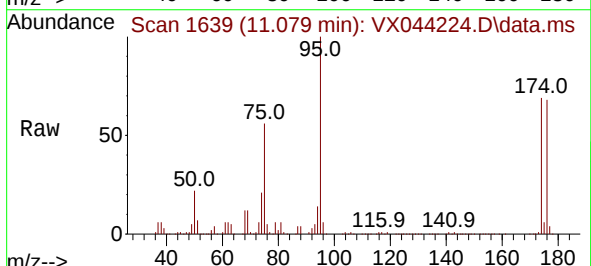
Tgt Ion: 95 Resp: 279706

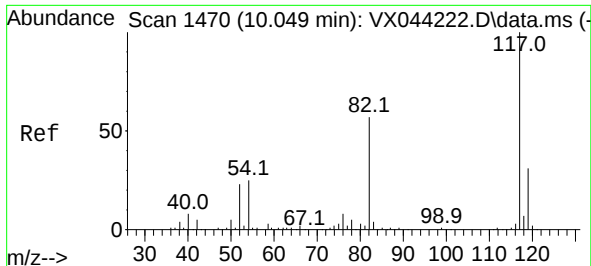
Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.8

176 72.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

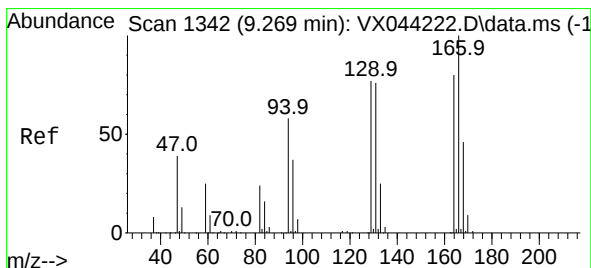
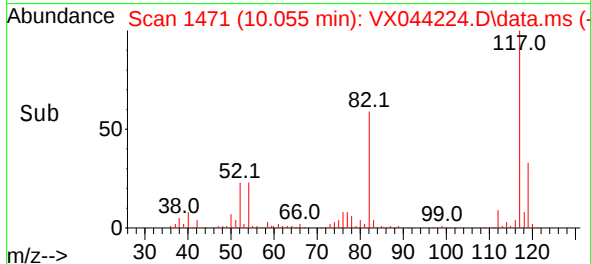
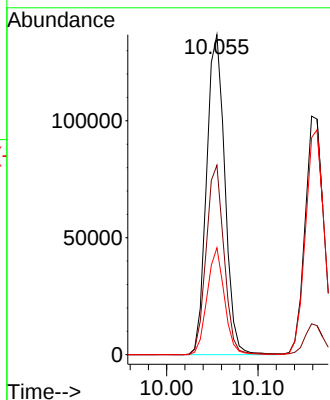
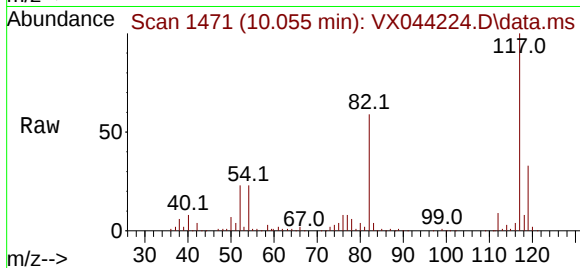
Tgt Ion:117 Resp: 190013

Ion Ratio Lower Upper

117 100

82 59.2 45.8 68.8

119 33.4 25.0 37.4



#64

Tetrachloroethene

Concen: 147.836 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion:164 Resp: 186443

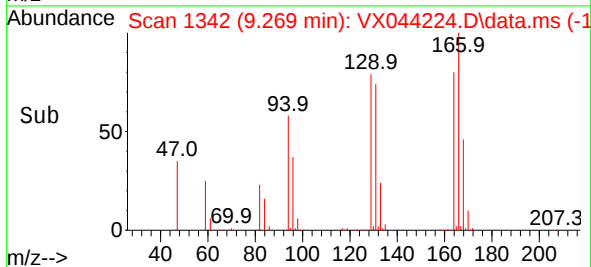
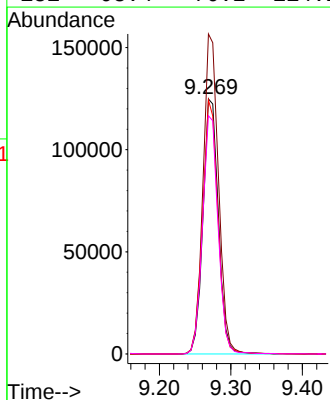
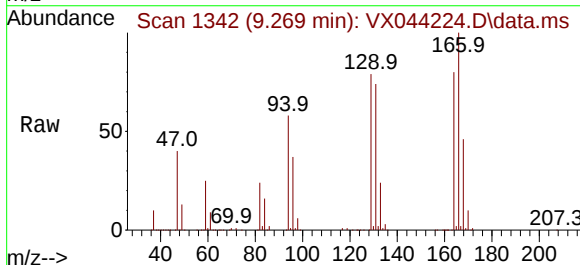
Ion Ratio Lower Upper

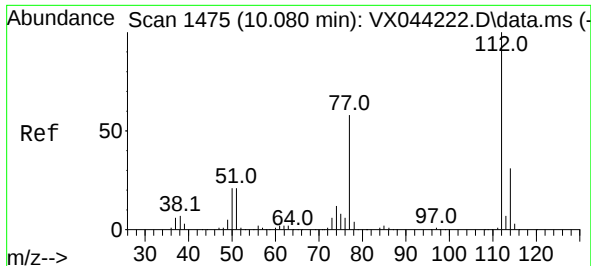
164 100

166 125.5 100.4 150.6

129 99.7 77.2 115.8

131 93.4 76.2 114.2





#65

Chlorobenzene

Concen: 149.428 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

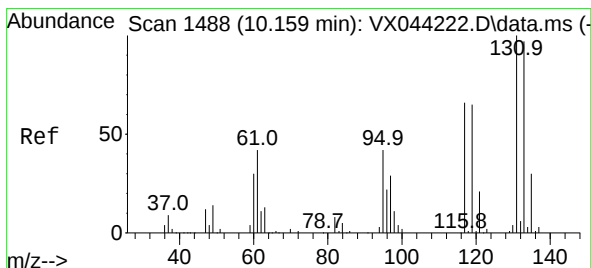
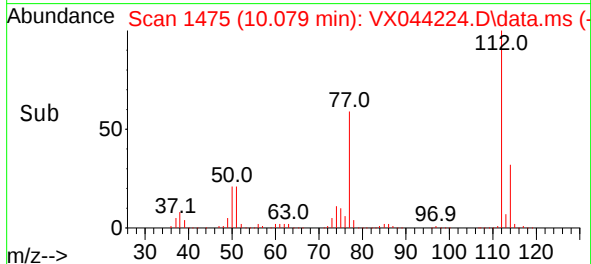
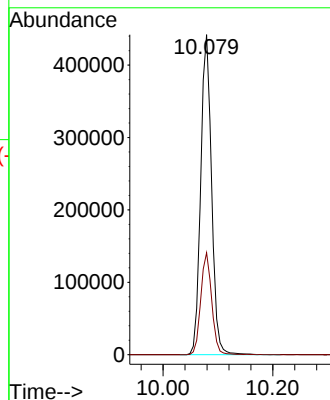
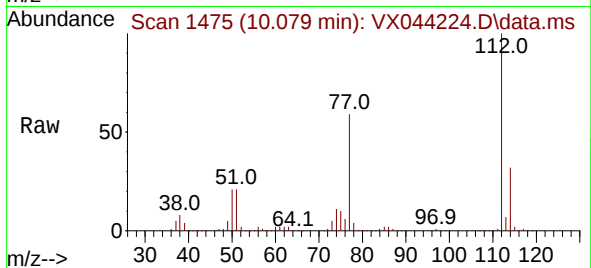
VSTDIC150

Tgt Ion:112 Resp: 608404

Ion Ratio Lower Upper

112 100

114 31.9 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 166.991 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

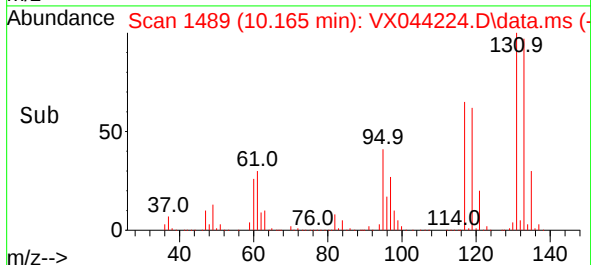
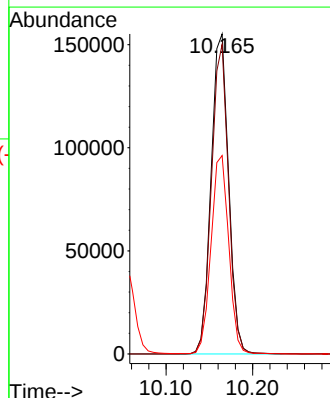
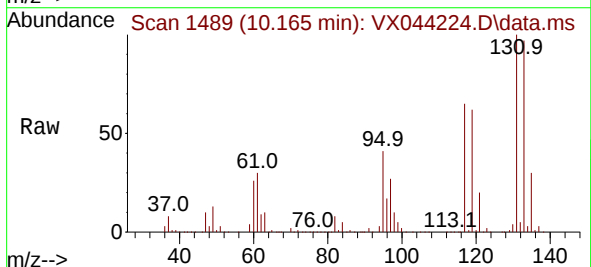
Tgt Ion:131 Resp: 218515

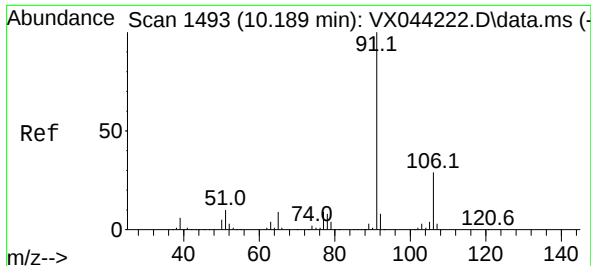
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

119 62.7 31.6 95.0





#67

Ethyl Benzene

Concen: 151.917 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

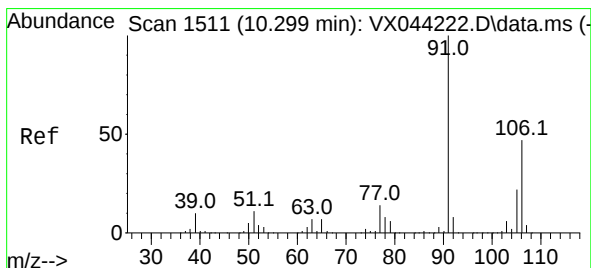
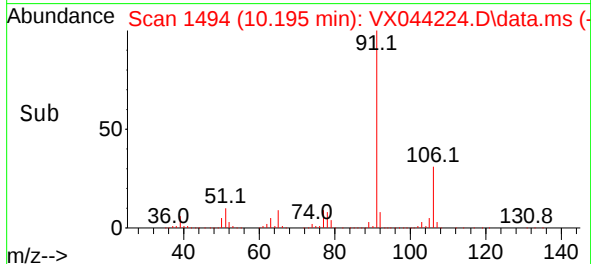
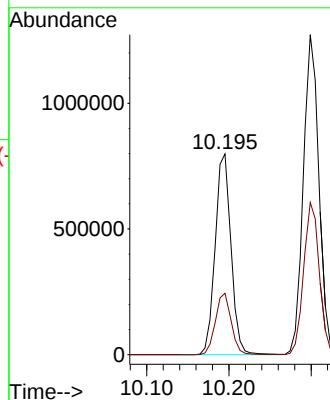
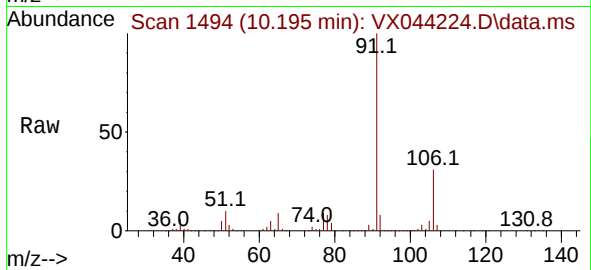
VSTDIC150

Tgt Ion: 91 Resp: 1068736

Ion Ratio Lower Upper

91 100

106 30.6 23.5 35.3



#68

m/p-Xylenes

Concen: 312.254 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044224.D

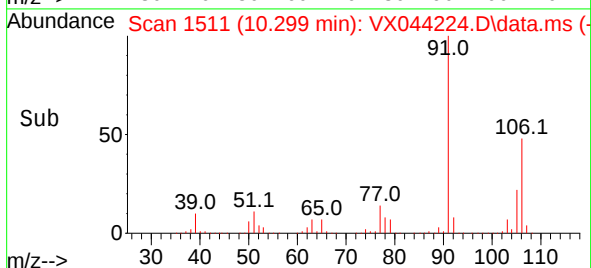
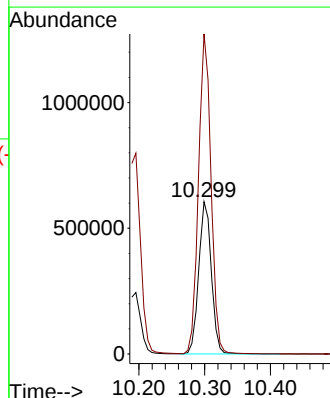
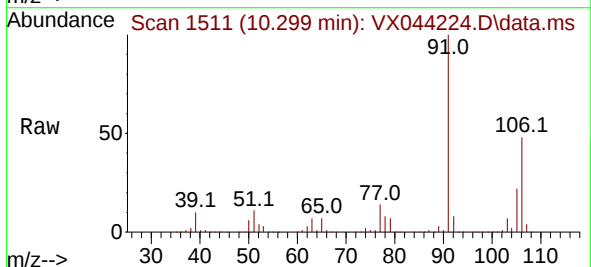
Acq: 11 Dec 2024 13:00

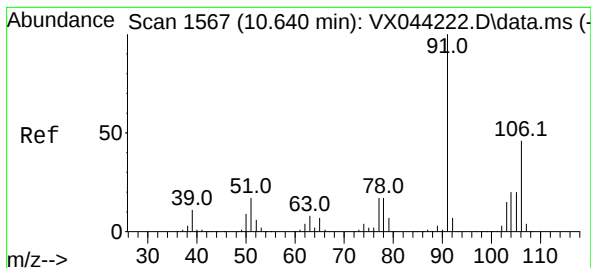
Tgt Ion:106 Resp: 806058

Ion Ratio Lower Upper

106 100

91 208.8 170.2 255.2

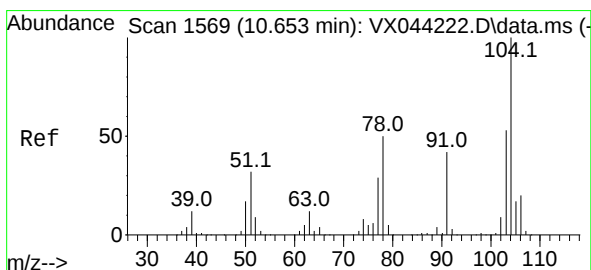
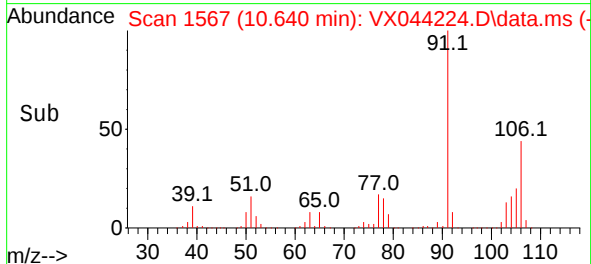
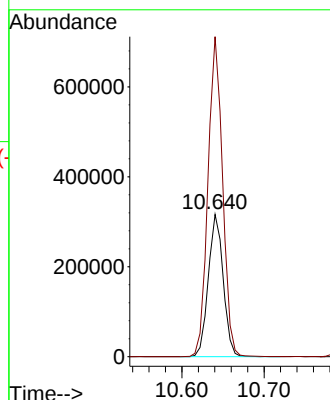
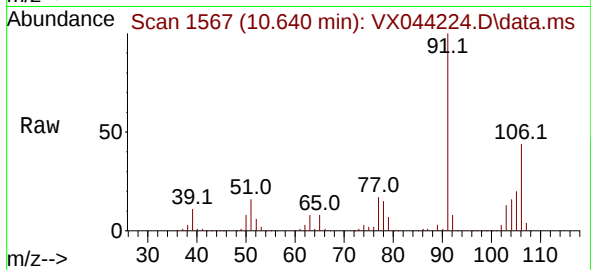




#69
o-Xylene
Concen: 152.030 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

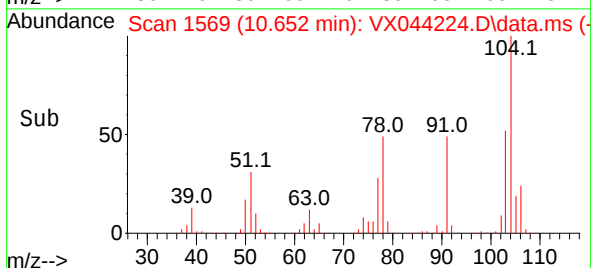
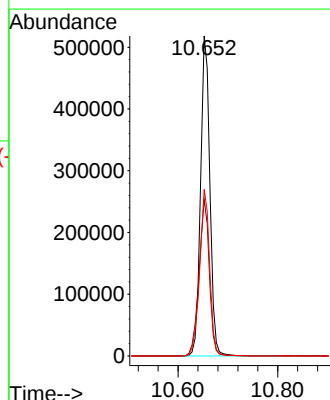
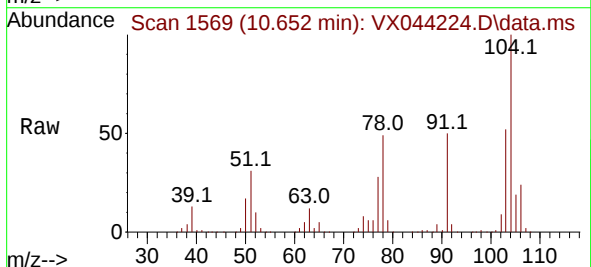
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

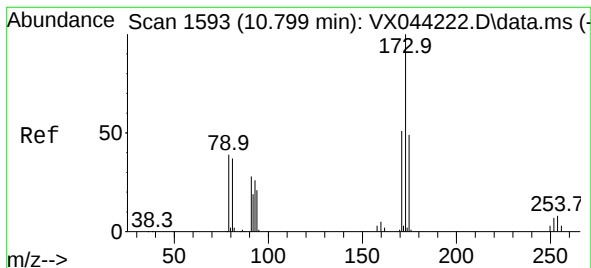
Tgt Ion:106 Resp: 397084
Ion Ratio Lower Upper
106 100
91 221.5 112.3 337.0



#70
Styrene
Concen: 160.228 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:104 Resp: 670887
Ion Ratio Lower Upper
104 100
78 54.2 44.6 67.0
103 55.9 45.4 68.0





#71

Bromoform

Concen: 150.034 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

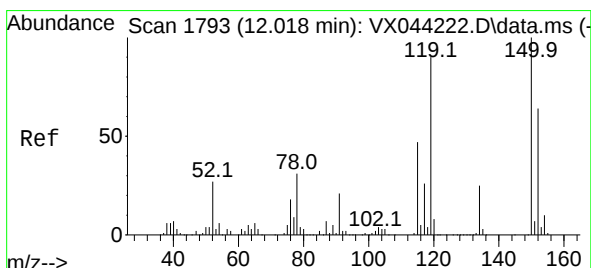
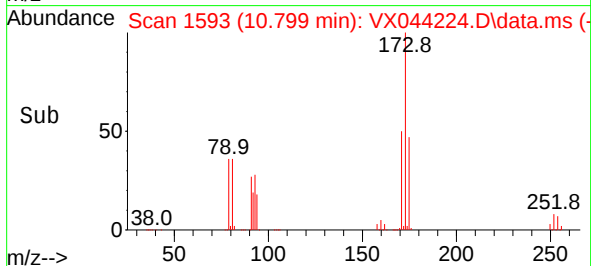
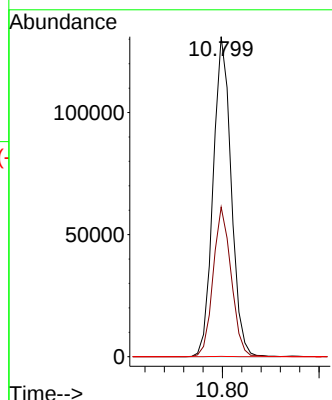
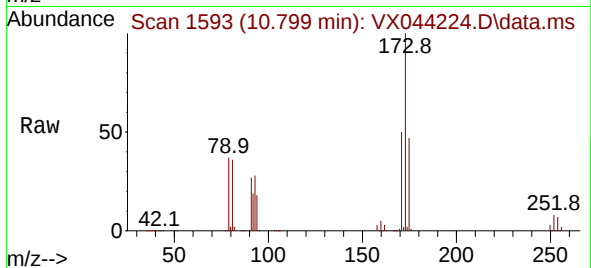
Tgt Ion:173 Resp: 169450

Ion Ratio Lower Upper

173 100

175 46.8 23.8 71.4

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. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

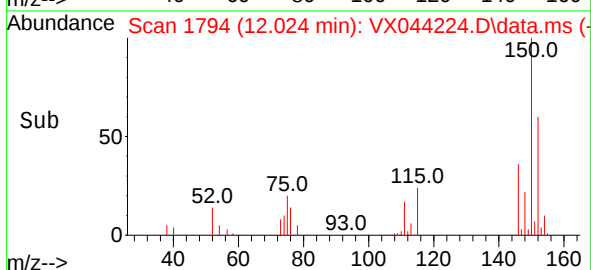
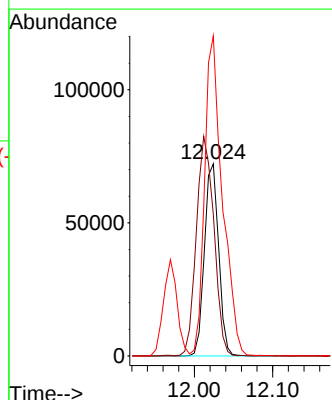
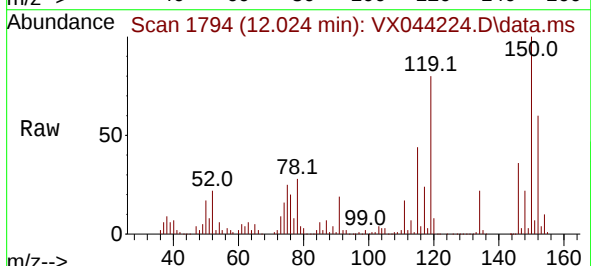
Tgt Ion:152 Resp: 90898

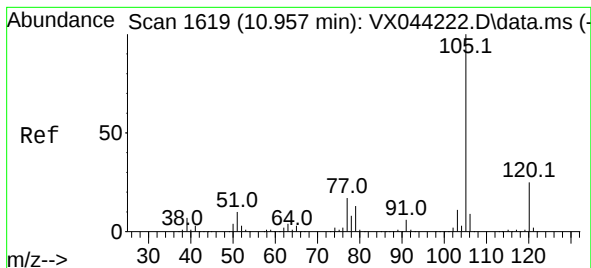
Ion Ratio Lower Upper

152 100

115 142.2 44.5 133.3#

150 208.8 0.0 353.8





#73

Isopropylbenzene

Concen: 146.832 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

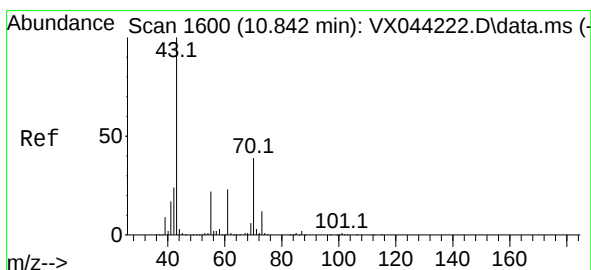
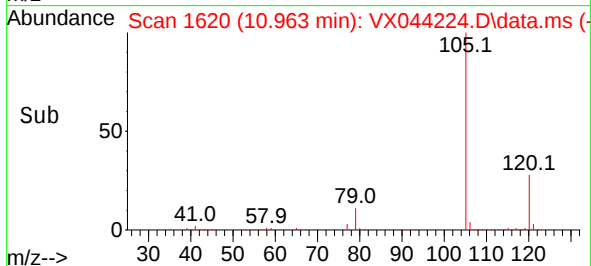
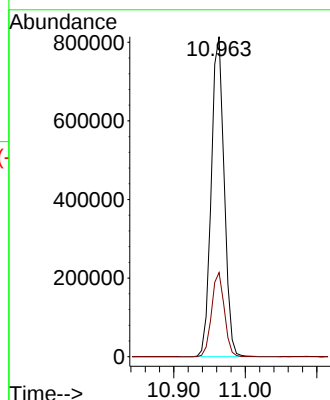
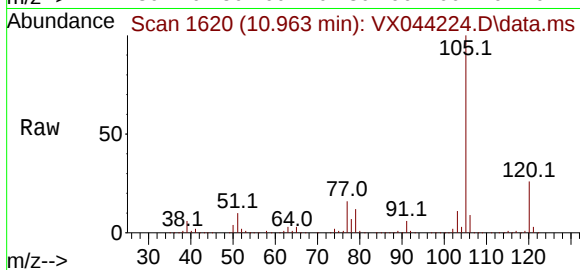
VSTDICC150

Tgt Ion:105 Resp: 1021749

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



#74

N-aryl acetate

Concen: 166.823 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion: 43 Resp: 536496

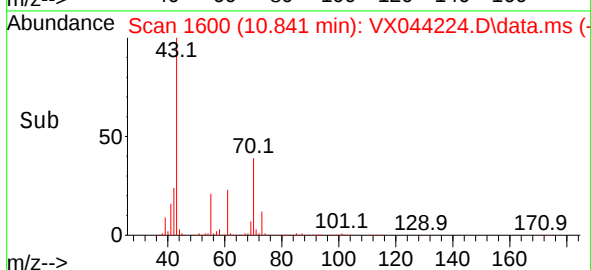
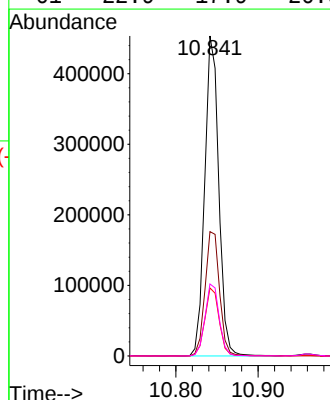
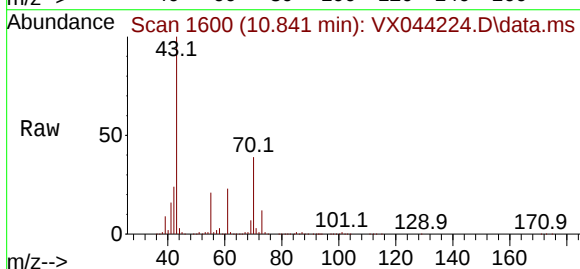
Ion Ratio Lower Upper

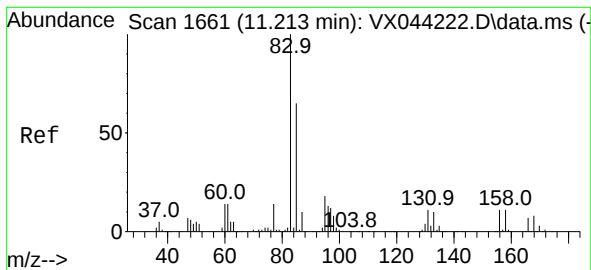
43 100

70 40.3 31.9 47.9

55 21.6 17.9 26.9

61 22.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 145.883 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

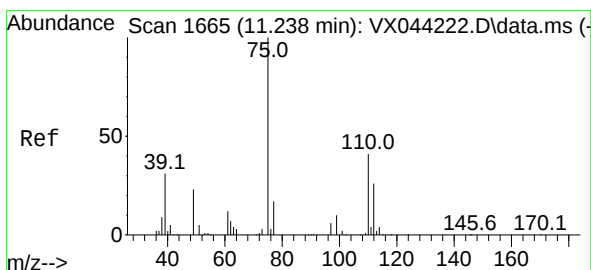
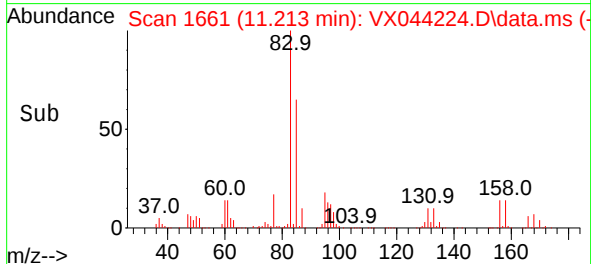
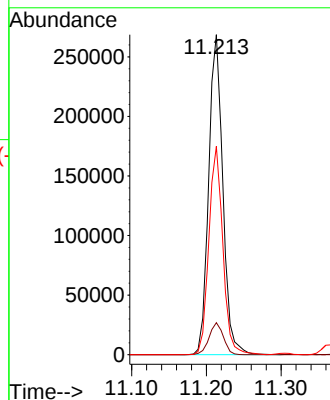
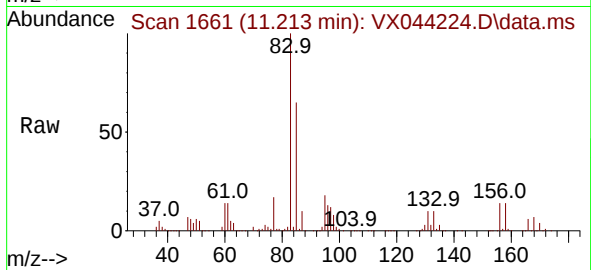
Tgt Ion: 83 Resp: 352591

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 64.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 194.277 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044224.D

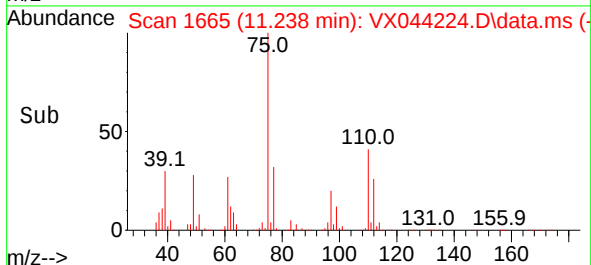
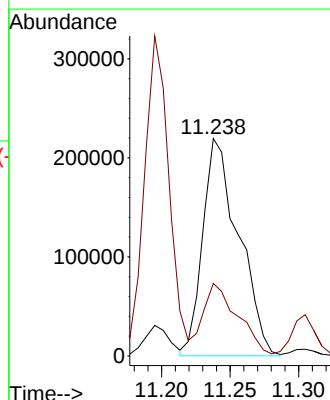
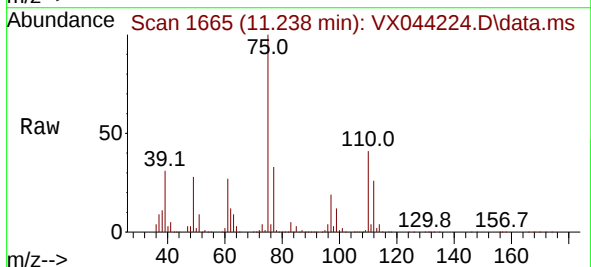
Acq: 11 Dec 2024 13:00

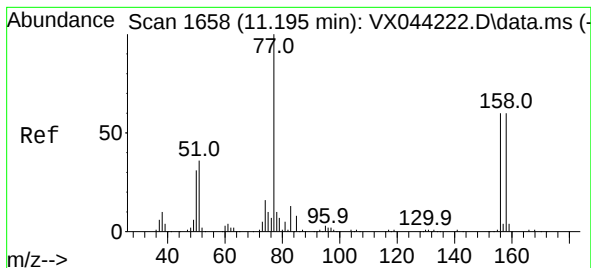
Tgt Ion: 75 Resp: 400724

Ion Ratio Lower Upper

75 100

77 32.4 20.9 62.7





#77

Bromobenzene

Concen: 144.584 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

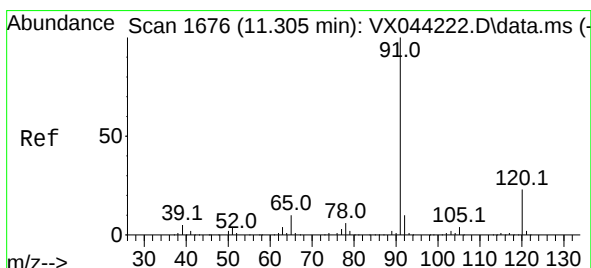
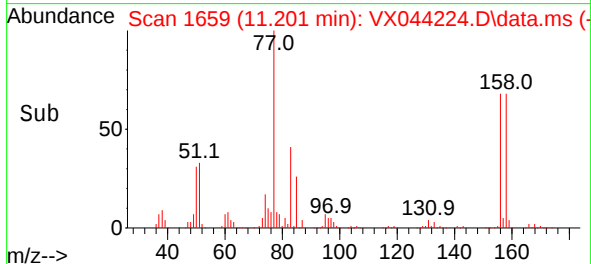
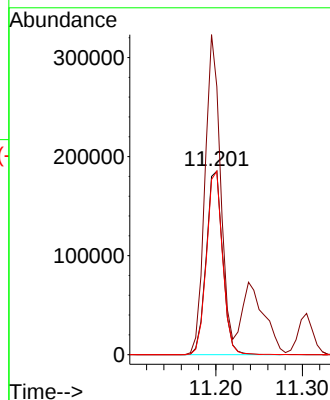
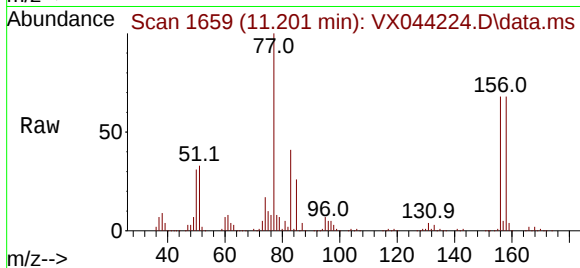
Tgt Ion:156 Resp: 243975

Ion Ratio Lower Upper

156 100

77 165.5 82.6 247.8

158 98.2 48.8 146.4



#78

n-propylbenzene

Concen: 151.637 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044224.D

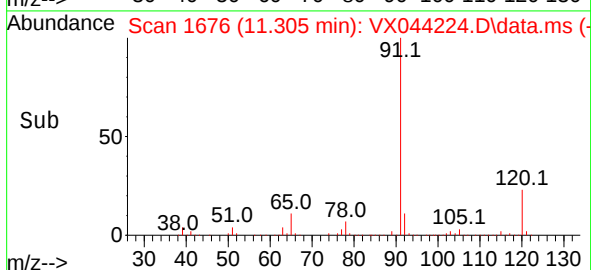
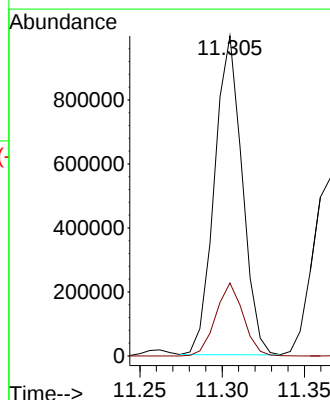
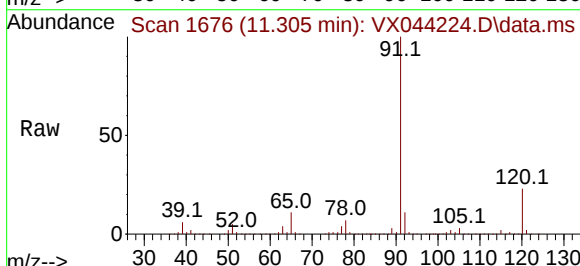
Acq: 11 Dec 2024 13:00

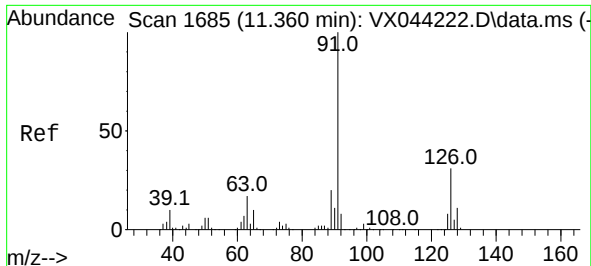
Tgt Ion: 91 Resp: 1166255

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 140.866 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

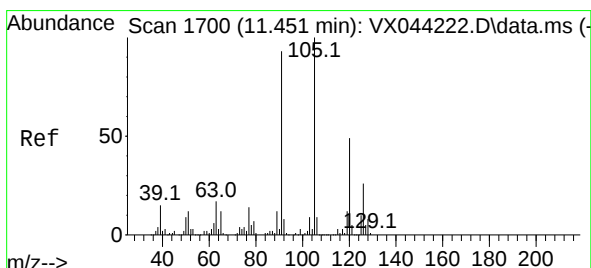
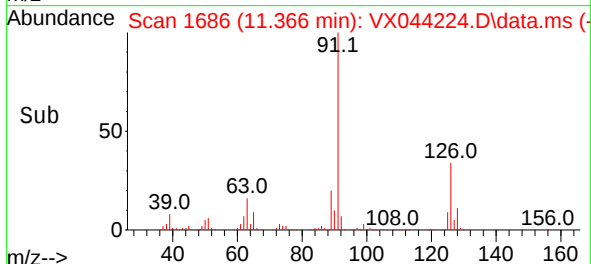
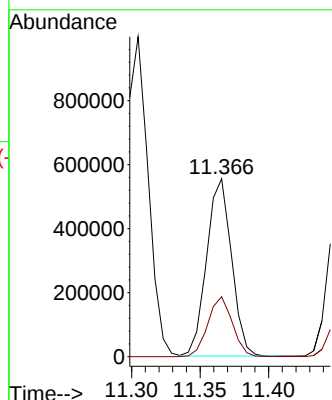
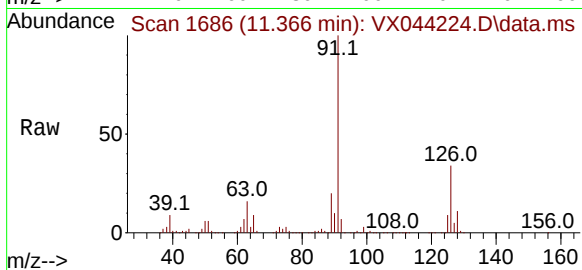
VSTDIC150

Tgt Ion: 91 Resp: 700673

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 147.824 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044224.D

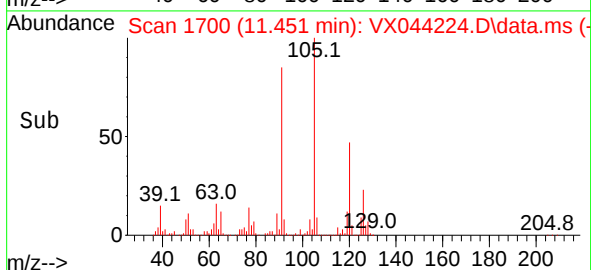
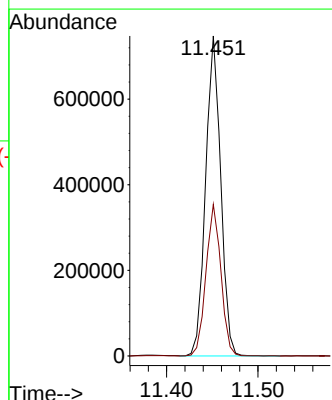
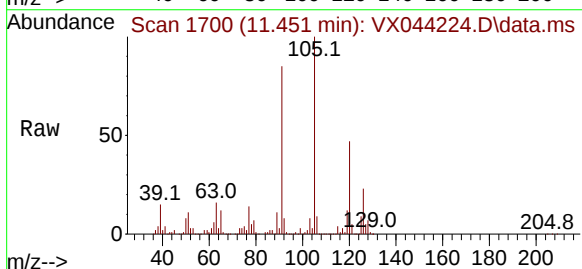
Acq: 11 Dec 2024 13:00

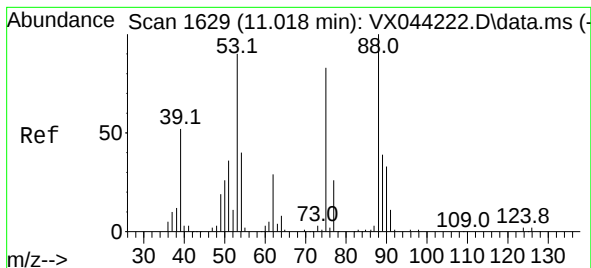
Tgt Ion:105 Resp: 853042

Ion Ratio Lower Upper

105 100

120 46.8 23.8 71.4

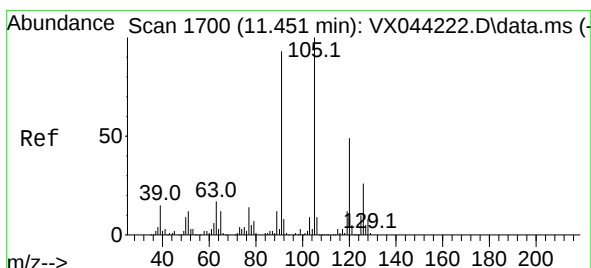
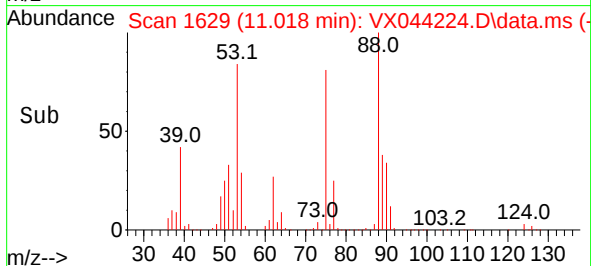
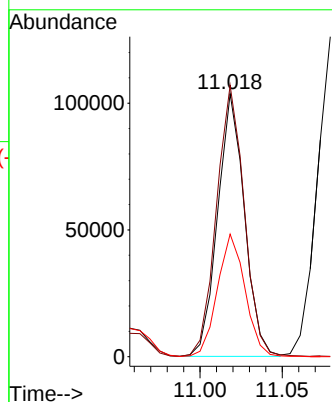
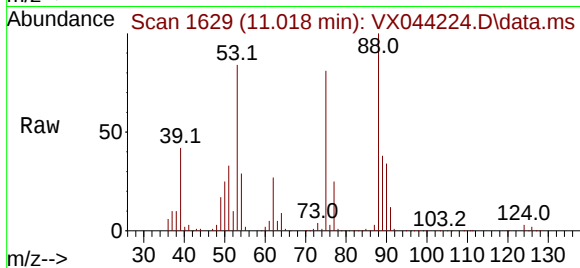




#81
trans-1,4-Dichloro-2-butene
Concen: 152.670 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

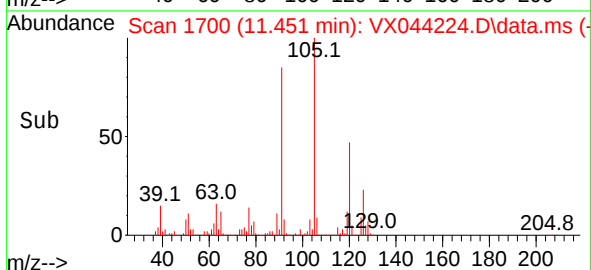
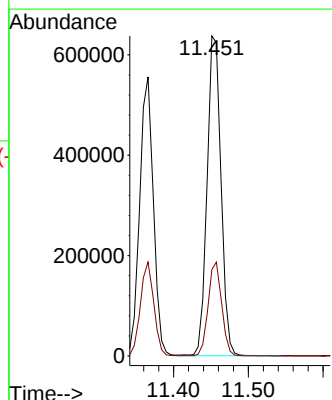
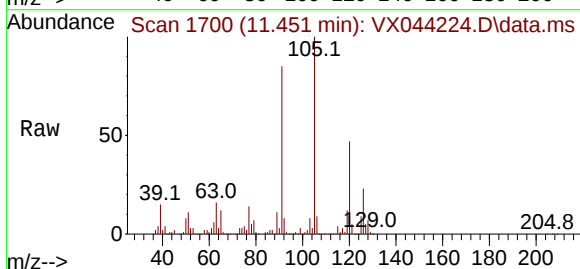
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

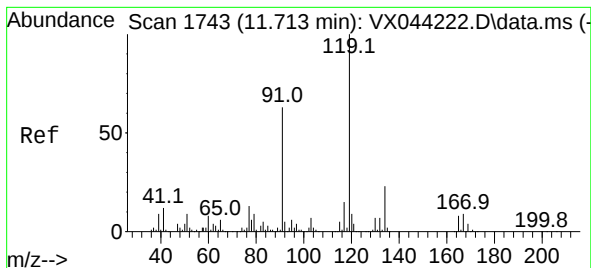
Tgt Ion: 75 Resp: 117263
Ion Ratio Lower Upper
75 100
53 107.3 93.6 140.4
89 48.2 37.3 55.9



#82
4-Chlorotoluene
Concen: 149.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion: 91 Resp: 825278
Ion Ratio Lower Upper
91 100
126 28.5 14.5 43.5





#83

tert-Butylbenzene

Concen: 148.495 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

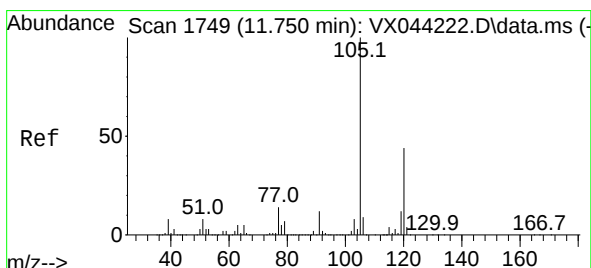
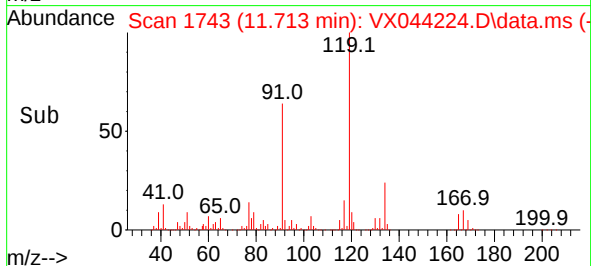
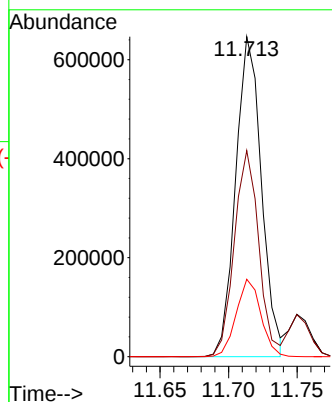
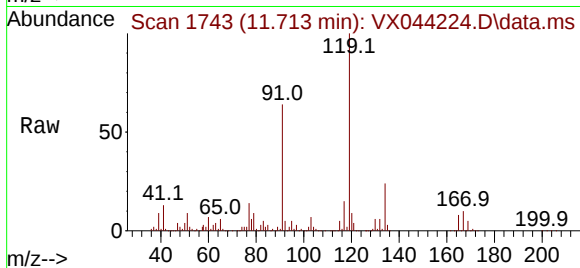
Tgt Ion:119 Resp: 846864

Ion Ratio Lower Upper

119 100

91 61.3 30.9 92.5

134 23.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 149.414 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044224.D

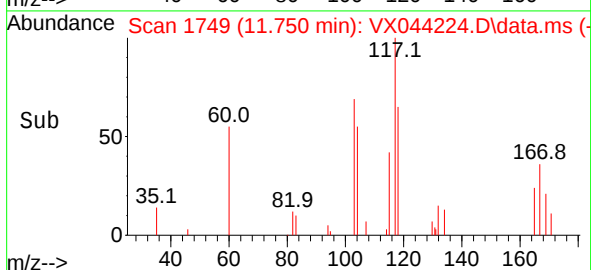
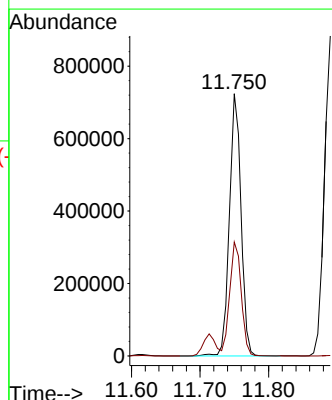
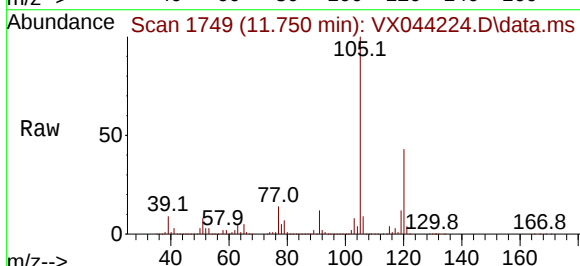
Acq: 11 Dec 2024 13:00

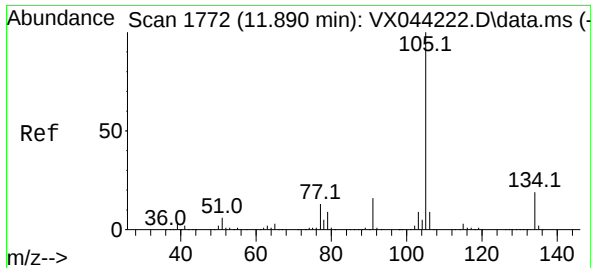
Tgt Ion:105 Resp: 846771

Ion Ratio Lower Upper

105 100

120 43.2 21.7 65.1

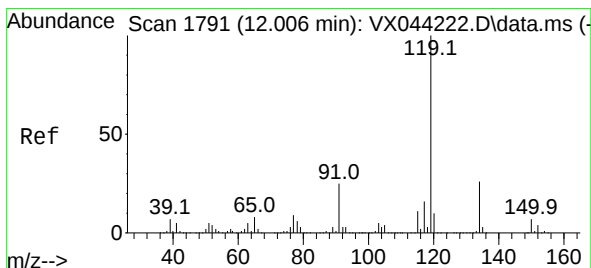
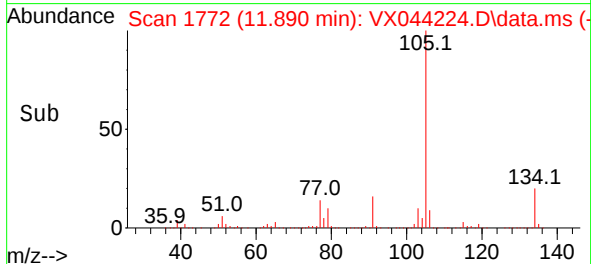
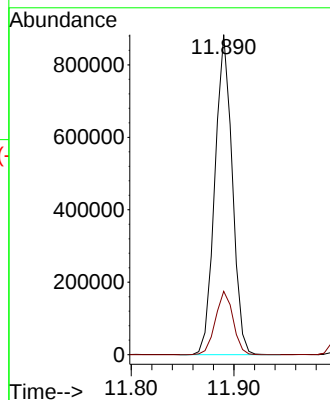
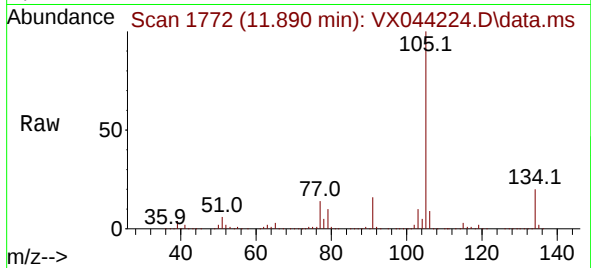




#85
sec-Butylbenzene
Concen: 149.409 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

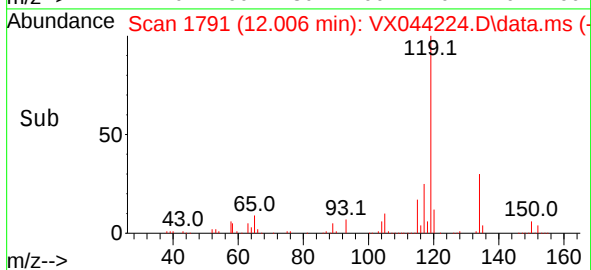
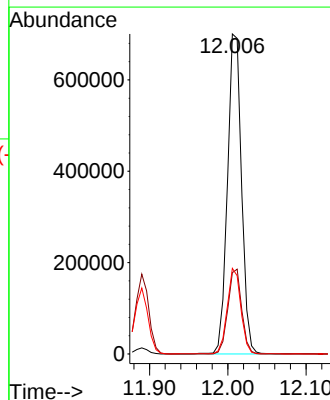
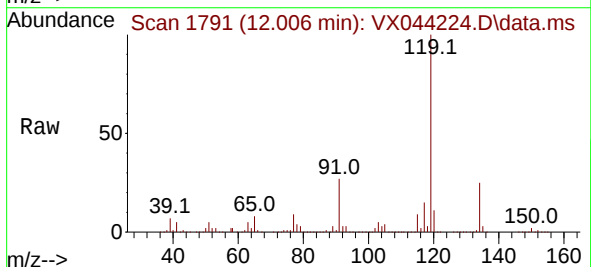
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

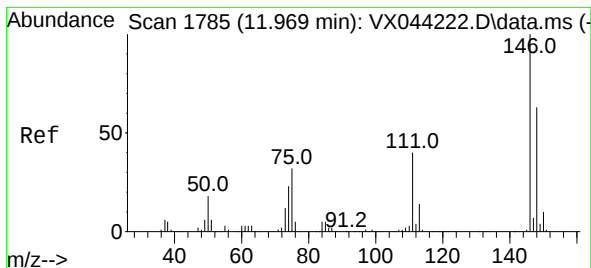
Tgt Ion:105 Resp: 1034419
Ion Ratio Lower Upper
105 100
134 20.1 9.8 29.4



#86
p-Isopropyltoluene
Concen: 151.944 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044224.D
Acq: 11 Dec 2024 13:00

Tgt Ion:119 Resp: 875562
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.4
91 25.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 150.575 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

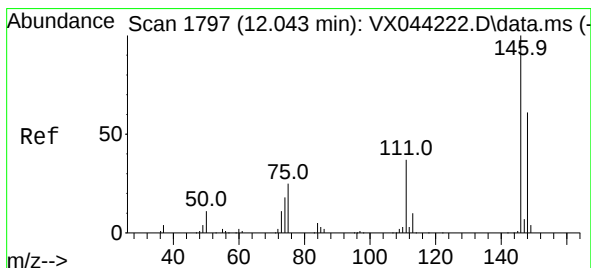
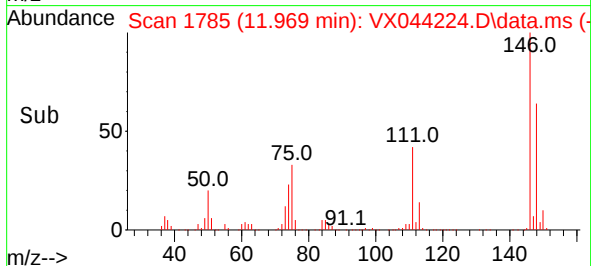
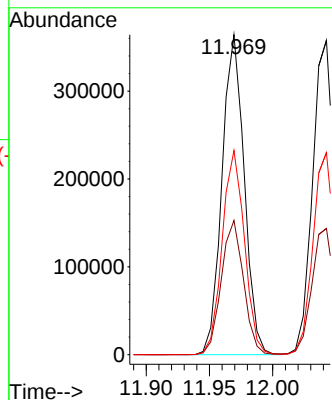
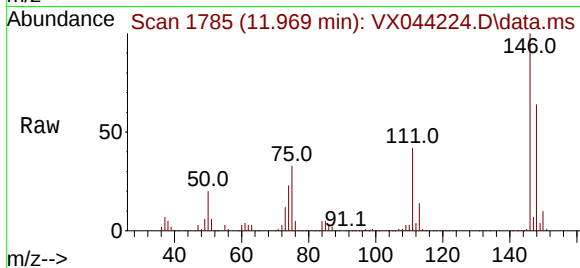
Tgt Ion:146 Resp: 443826

Ion Ratio Lower Upper

146 100

111 42.1 21.4 64.2

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 146.058 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

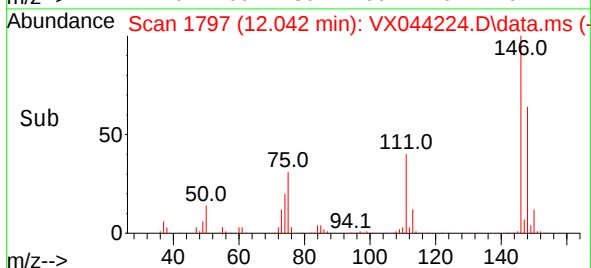
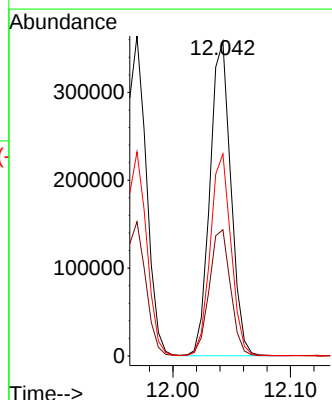
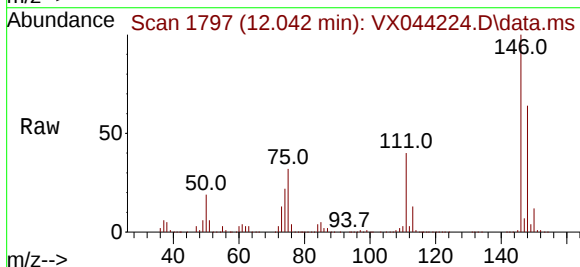
Tgt Ion:146 Resp: 442556

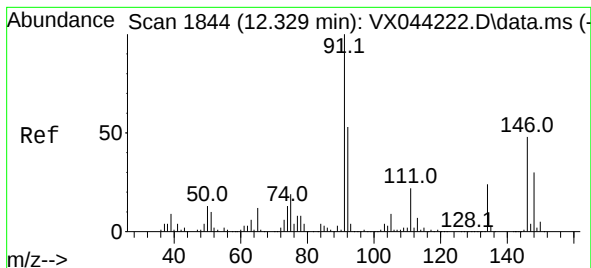
Ion Ratio Lower Upper

146 100

111 40.8 21.0 63.0

148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 166.836 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

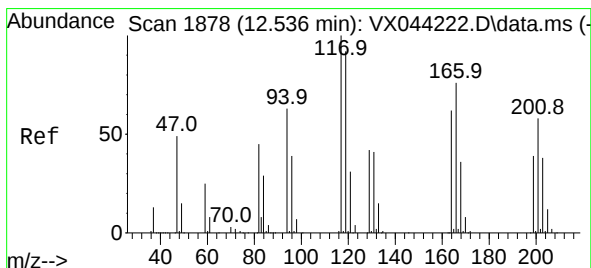
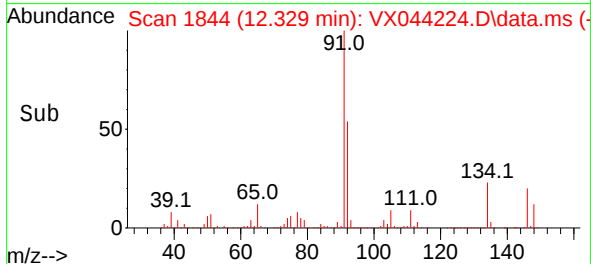
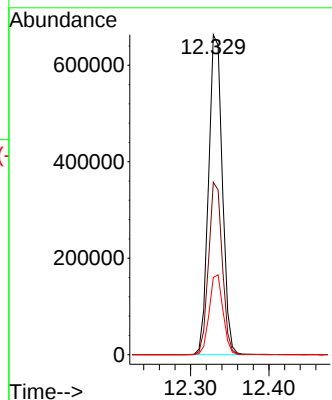
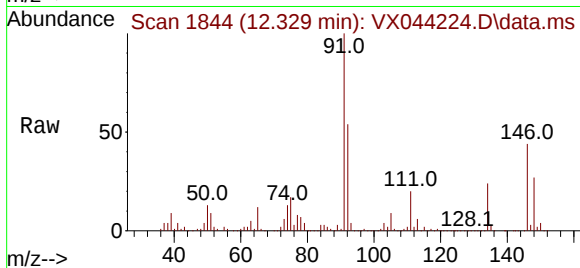
Tgt Ion: 91 Resp: 808399

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 183.942 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044224.D

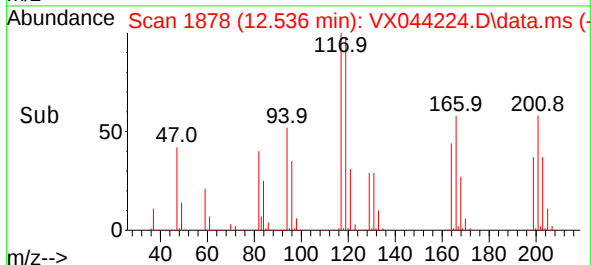
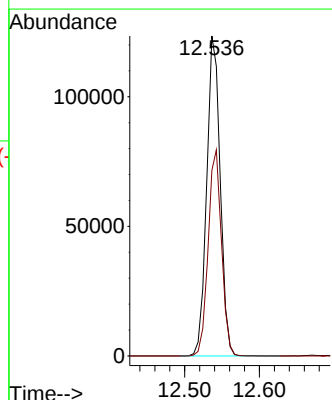
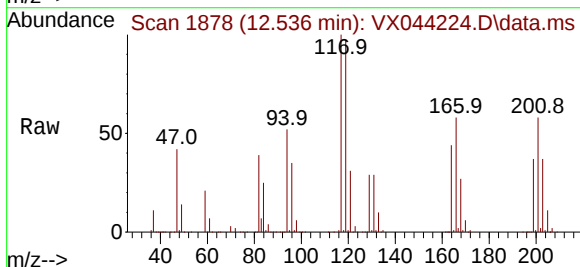
Acq: 11 Dec 2024 13:00

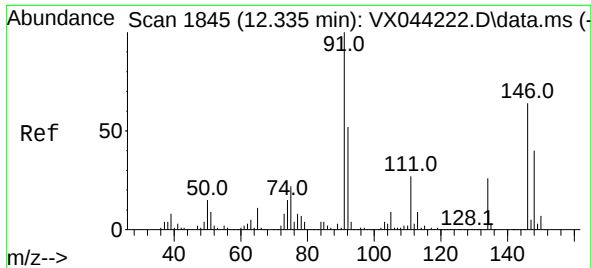
Tgt Ion: 117 Resp: 154726

Ion Ratio Lower Upper

117 100

201 63.5 31.4 94.2

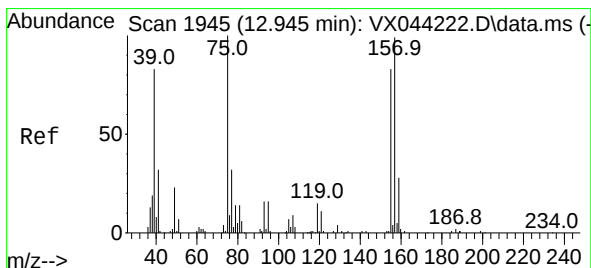
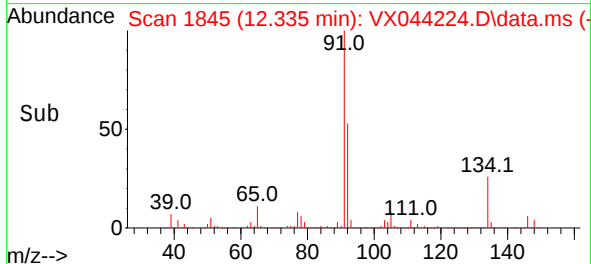
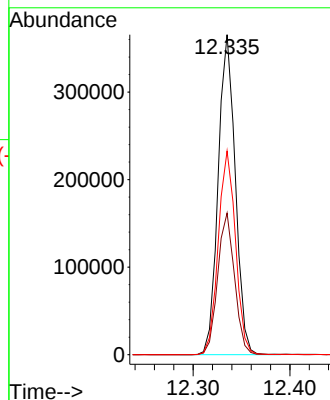
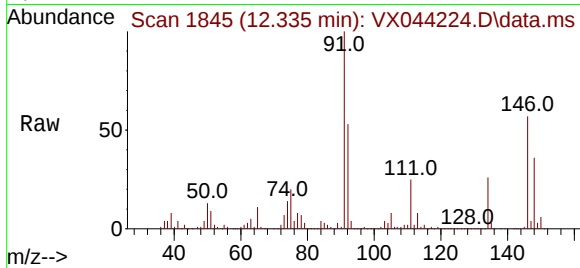




#91
 1,2-Dichlorobenzene
 Concen: 146.357 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

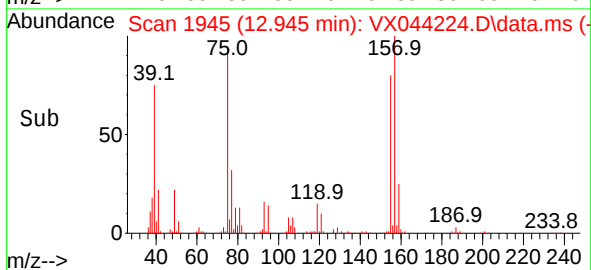
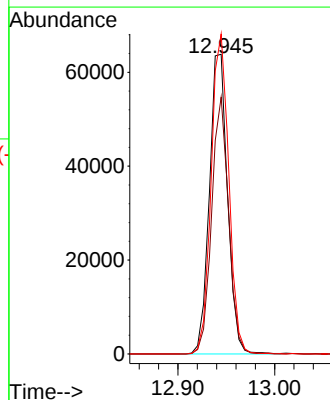
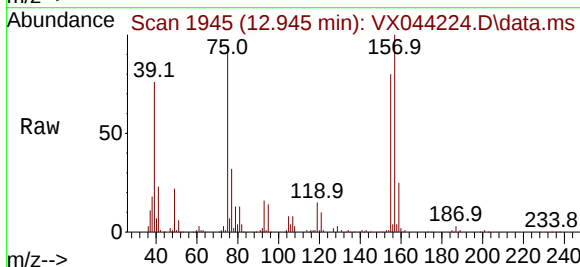
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

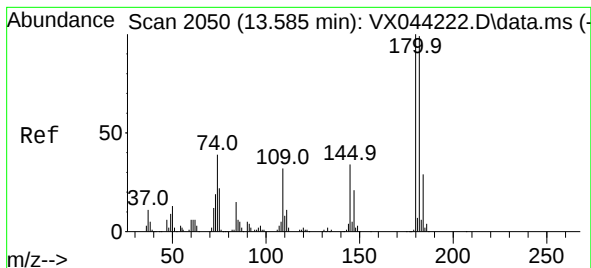
Tgt Ion:146 Resp: 447931
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.4 64.3
 148 64.2 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 178.106 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX044224.D
 Acq: 11 Dec 2024 13:00

Tgt Ion: 75 Resp: 83565
 Ion Ratio Lower Upper
 75 100
 155 79.8 38.1 114.3
 157 103.3 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 171.952 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

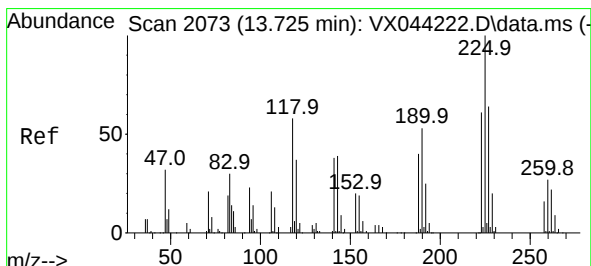
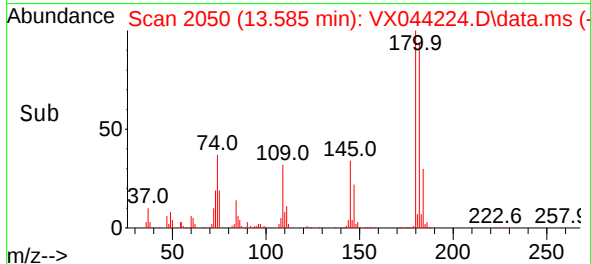
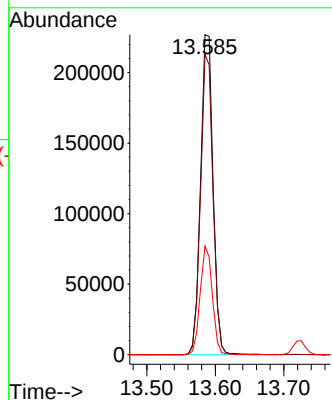
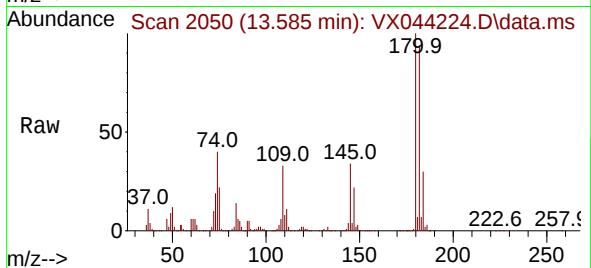
Tgt Ion:180 Resp: 288519

Ion Ratio Lower Upper

180 100

182 93.3 48.0 144.2

145 33.0 16.6 49.7



#94

Hexachlorobutadiene

Concen: 154.036 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

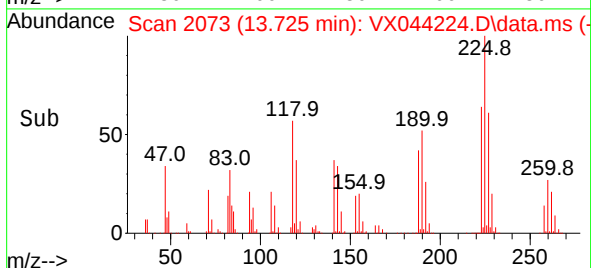
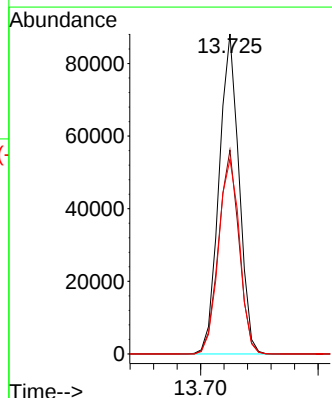
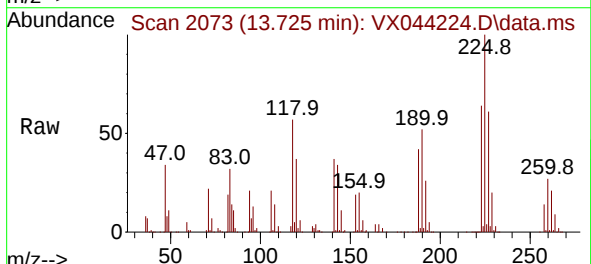
Tgt Ion:225 Resp: 103961

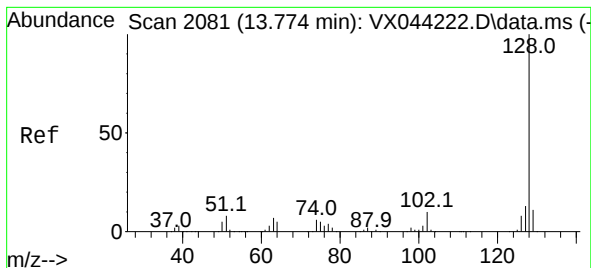
Ion Ratio Lower Upper

225 100

223 64.7 30.8 92.4

227 64.0 32.1 96.3





#95

Naphthalene

Concen: 167.187 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

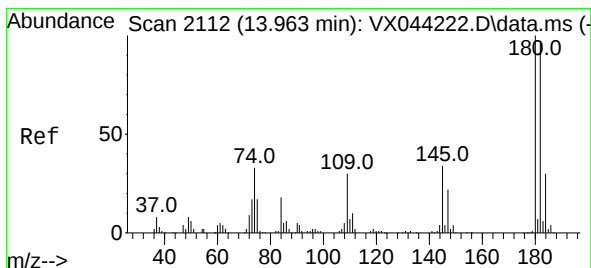
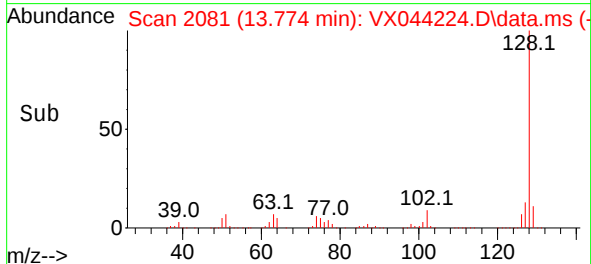
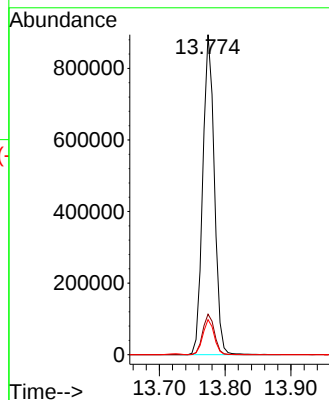
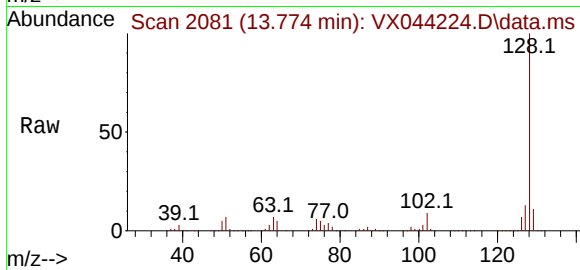
Tgt Ion:128 Resp: 1094997

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 165.064 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044224.D

Acq: 11 Dec 2024 13:00

Tgt Ion:180 Resp: 293760

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 34.9 17.7 53.1

