

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044220.D
 Acq On : 11 Dec 2024 11:27
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 12 04:13:18 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	5.544	168	139609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13043	5.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.660%#
35) Dibromofluoromethane	5.385	113	9145	5.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.200%#
50) Toluene-d8	8.647	98	29732	4.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.840%#
62) 4-Bromofluorobenzene	11.079	95	10101	4.779	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10452	4.842	ug/l	91
3) Chloromethane	1.294	50	10429	5.052	ug/l	95
4) Vinyl Chloride	1.374	62	11031	5.129	ug/l	98
5) Bromomethane	1.593	94	8237	5.399	ug/l	92
6) Chloroethane	1.660	64	7253	5.416	ug/l	96
7) Trichlorofluoromethane	1.868	101	21207	5.037	ug/l	91
8) Diethyl Ether	2.136	74	7199	5.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	8766	5.145	ug/l	97
10) Methyl Iodide	2.447	142	11066	4.928	ug/l	97
11) Tert butyl alcohol	2.995	59	6094	17.693	ug/l	99
12) 1,1-Dichloroethene	2.306	96	7822	4.999	ug/l	95
13) Acrolein	2.239	56	12521	25.073	ug/l	100
14) Allyl chloride	2.654	41	12490	4.792	ug/l	94
15) Acrylonitrile	3.069	53	23276	24.357	ug/l	99
16) Acetone	2.392	43	24645	24.696	ug/l	93
17) Carbon Disulfide	2.495	76	12169	4.091	ug/l	99
18) Methyl Acetate	2.709	43	12412	4.824	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	30546	5.002	ug/l	94
20) Methylene Chloride	2.782	84	9466	5.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	7768	4.671	ug/l	97
22) Diisopropyl ether	3.764	45	29518	5.029	ug/l #	73
23) Vinyl Acetate	3.721	43	109670	22.983	ug/l	96
24) 1,1-Dichloroethane	3.605	63	16370	5.004	ug/l	96
25) 2-Butanone	4.574	43	34245	24.138	ug/l	97
26) 2,2-Dichloropropane	4.471	77	12514	4.708	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	10292	4.873	ug/l	97
28) Bromochloromethane	4.897	49	8049	5.017	ug/l #	93
29) Tetrahydrofuran	5.019	42	24307	26.693	ug/l	94
30) Chloroform	5.093	83	18319	4.984	ug/l	93
31) Cyclohexane	5.464	56	12995	4.919	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	14231	4.664	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11455	4.942	ug/l	94
37) Ethyl Acetate	4.727	43	13265	4.630	ug/l	97
38) Carbon Tetrachloride	5.666	117	11476	4.599	ug/l	96
39) Methylcyclohexane	7.373	83	13019	4.699	ug/l #	85
40) Benzene	6.037	78	35018	4.976	ug/l	98

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 ALS Vial : 4 Sample Multiplier: 1

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 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 12 04:13:18 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)
41) Methacrylonitrile	4.946	41	7585	4.986	ug/l	93
42) 1,2-Dichloroethane	6.092	62	14419	4.974	ug/l	99
43) Isopropyl Acetate	6.354	43	22098	4.935	ug/l	98
44) Trichloroethene	7.123	130	8405	4.790	ug/l	100
45) 1,2-Dichloropropane	7.434	63	8932	4.968	ug/l	94
46) Dibromomethane	7.586	93	6915	4.958	ug/l	99
47) Bromodichloromethane	7.824	83	10646	4.420	ug/l #	98
48) Methyl methacrylate	7.702	41	9586	4.410	ug/l	97
49) 1,4-Dioxane	7.671	88	2783	74.917	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	71285	24.759	ug/l	98
52) Toluene	8.720	92	21486	4.862	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9232	4.665	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	11404	4.348	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8590	4.893	ug/l	97
56) Ethyl methacrylate	9.122	69	11854	4.277	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	15352	5.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	34738	24.852	ug/l	99
59) 2-Hexanone	9.433	43	50003	23.994	ug/l	96
60) Dibromochloromethane	9.519	129	6411	4.738	ug/l	98
61) 1,2-Dibromoethane	9.610	107	8330	4.662	ug/l	97
64) Tetrachloroethene	9.275	164	7710	5.334	ug/l #	87
65) Chlorobenzene	10.079	112	23268	4.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	6647	4.432	ug/l	94
67) Ethyl Benzene	10.195	91	39326	4.877	ug/l	97
68) m/p-Xylenes	10.299	106	28758	9.720	ug/l	98
69) o-Xylene	10.640	106	14864	4.965	ug/l	97
70) Styrene	10.659	104	22191	4.624	ug/l	98
71) Bromoform	10.799	173	3775	5.118	ug/l #	98
73) Isopropylbenzene	10.963	105	37843	5.194	ug/l	98
74) N-amyl acetate	10.842	43	15418	4.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	12848	5.077	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	12901	5.974	ug/l	91
77) Bromobenzene	11.201	156	8892	5.033	ug/l	99
78) n-propylbenzene	11.305	91	40574	5.038	ug/l	96
79) 2-Chlorotoluene	11.366	91	27096	5.203	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30665	5.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	2249	8.273	ug/l #	62
82) 4-Chlorotoluene	11.457	91	29039	5.035	ug/l	99
83) tert-Butylbenzene	11.713	119	29283	4.904	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	30970	5.219	ug/l	99
85) sec-Butylbenzene	11.890	105	35670	4.921	ug/l	98
86) p-Isopropyltoluene	12.006	119	29132	4.828	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	15553	5.039	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	15609	4.920	ug/l	95
89) n-Butylbenzene	12.335	91	22719	4.478	ug/l	98
90) Hexachloroethane	12.536	117	3765	4.275	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	15858	4.949	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2154	4.385	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	7867	4.478	ug/l	96
94) Hexachlorobutadiene	13.725	225	3321	4.700	ug/l	93
95) Naphthalene	13.780	128	31842	4.643	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8422	4.520	ug/l	99

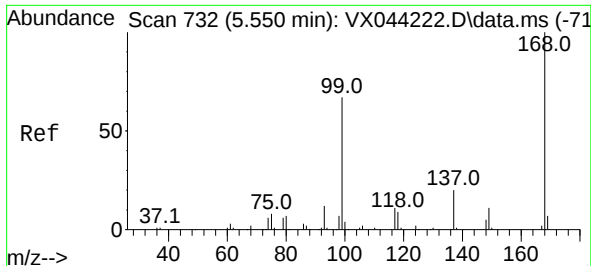
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044220.D
Acq On : 11 Dec 2024 11:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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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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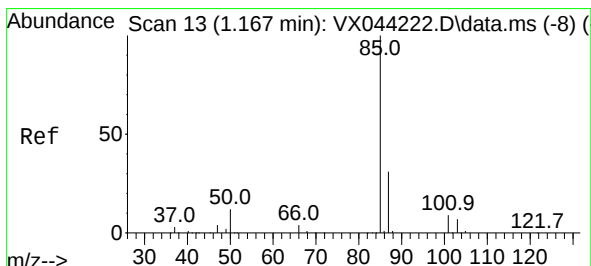
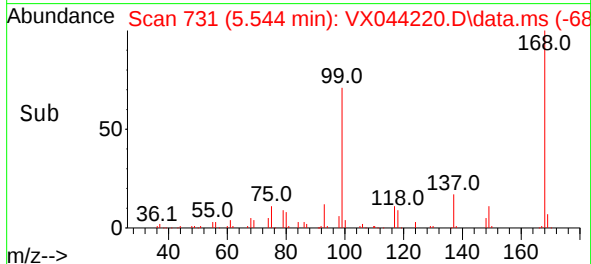
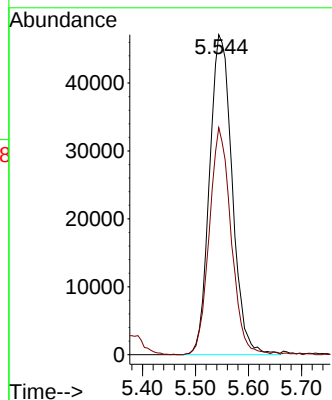
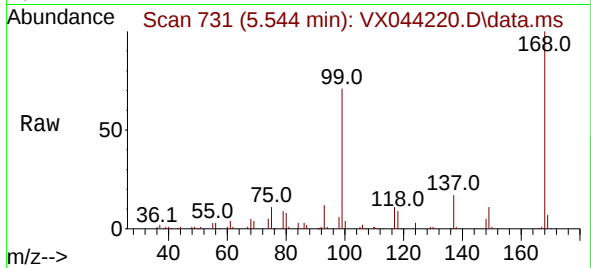
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

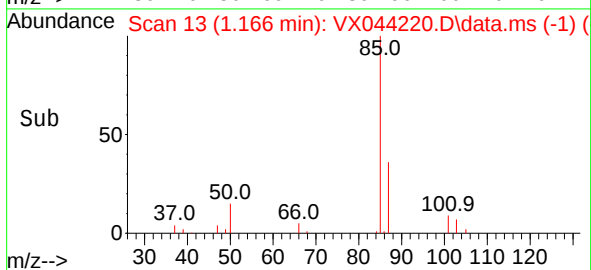
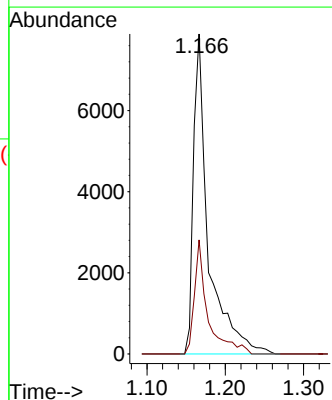
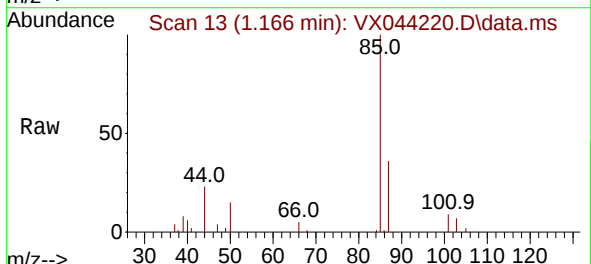
Instrument :
MSVOA_X
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VSTDIC005

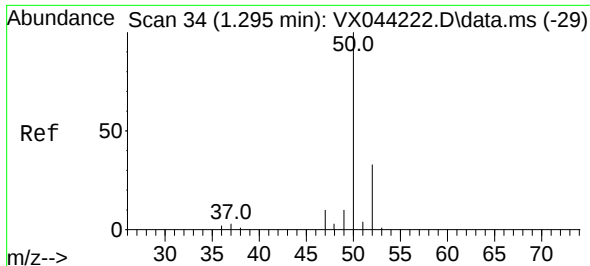
Tgt Ion:168 Resp: 139609
Ion Ratio Lower Upper
168 100
99 71.0 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 4.842 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 85 Resp: 10452
Ion Ratio Lower Upper
85 100
87 35.6 15.4 46.4

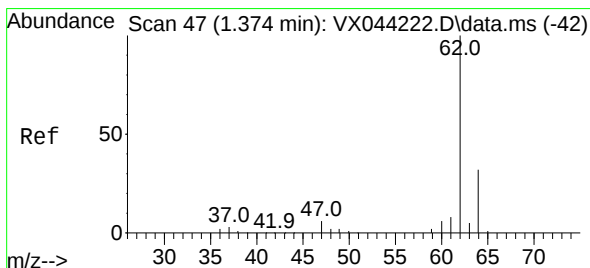
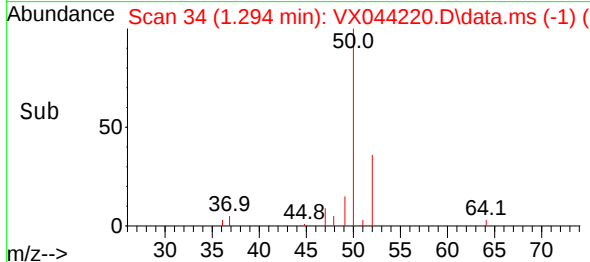
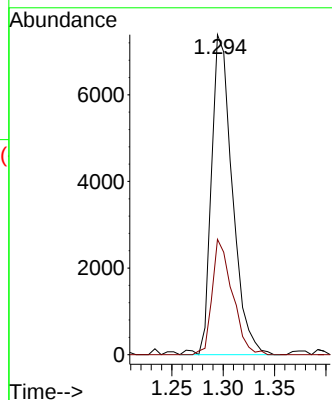
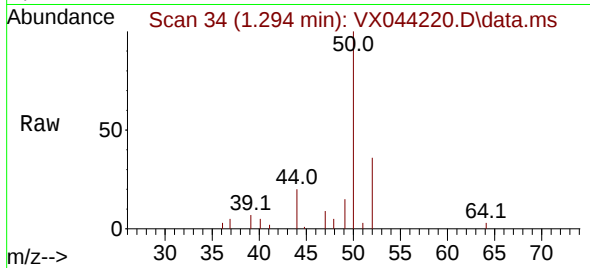




#3
Chloromethane
Concen: 5.052 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

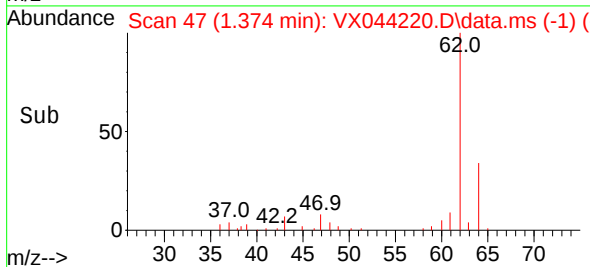
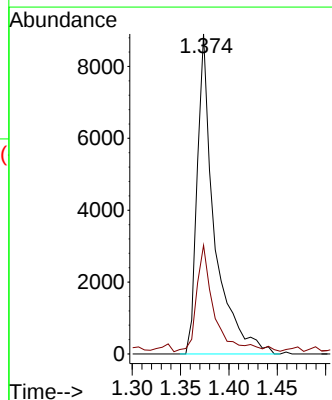
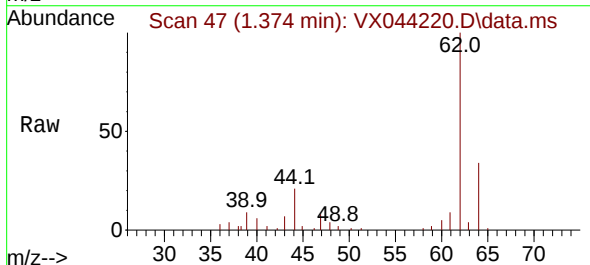
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

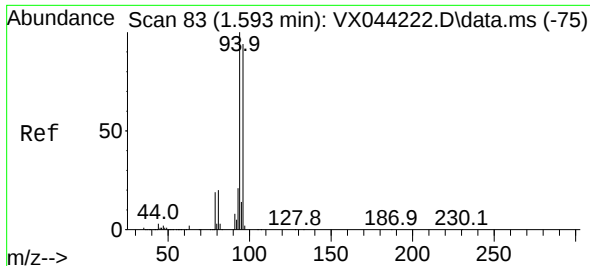
Tgt Ion: 50 Resp: 10429
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7



#4
Vinyl Chloride
Concen: 5.129 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 62 Resp: 11031
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

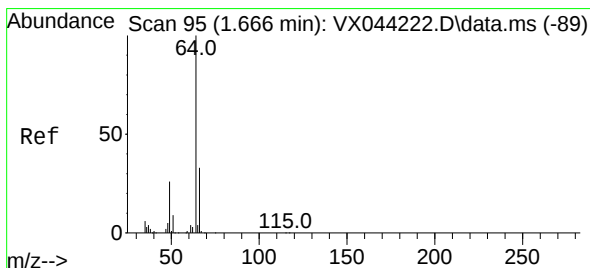
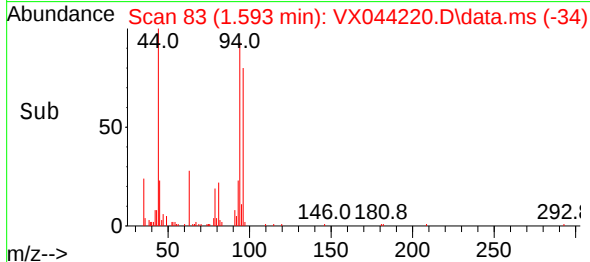
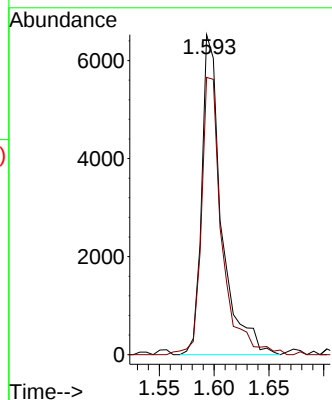
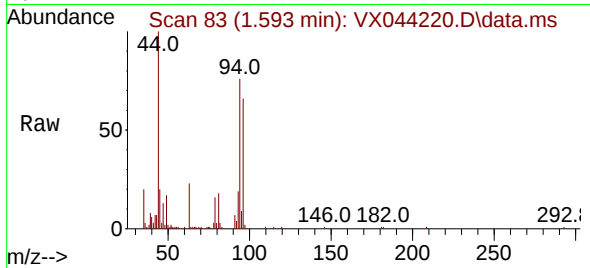




#5
Bromomethane
Concen: 5.399 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

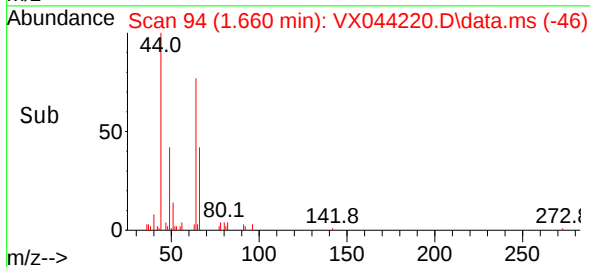
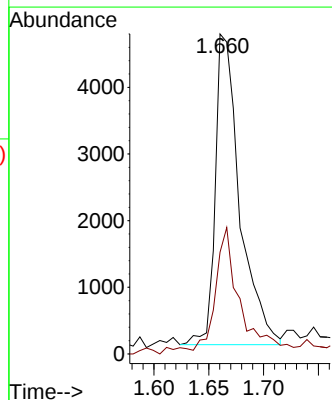
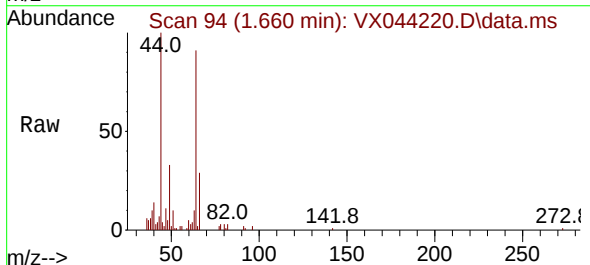
Instrument :
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ClientSampleId :
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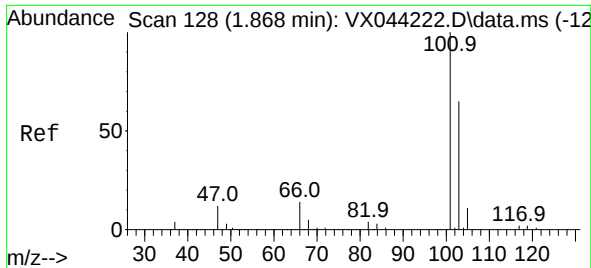
Tgt Ion: 94 Resp: 8237
Ion Ratio Lower Upper
94 100
96 85.5 74.9 112.3



#6
Chloroethane
Concen: 5.416 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 64 Resp: 7253
Ion Ratio Lower Upper
64 100
66 30.7 26.6 39.8

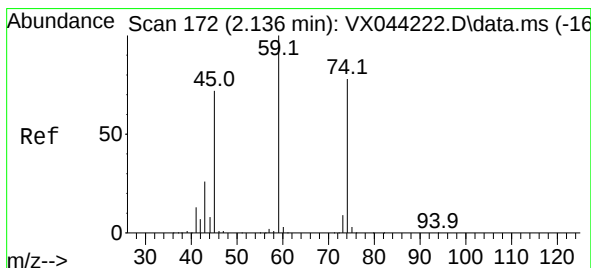
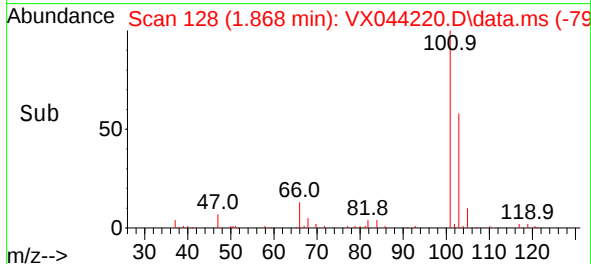
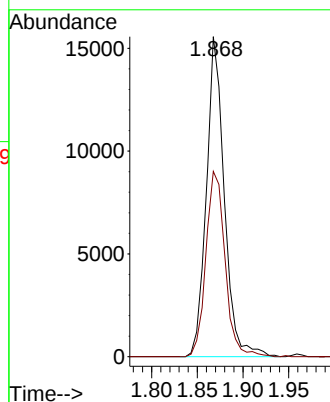
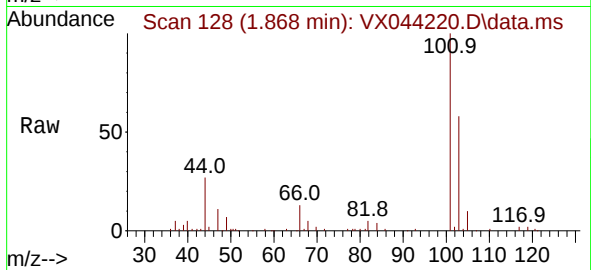




#7
Trichlorofluoromethane
Concen: 5.037 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

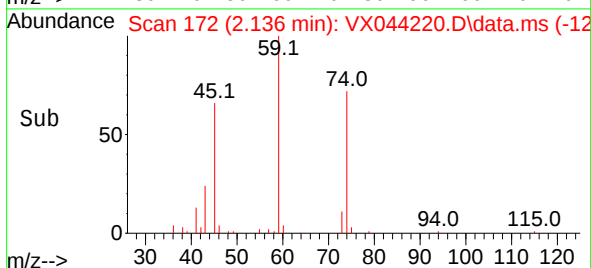
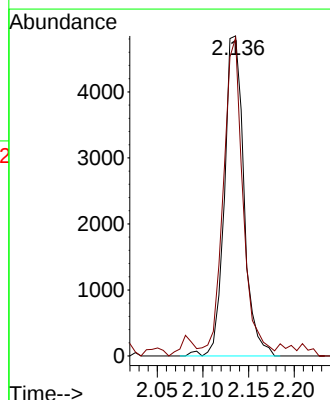
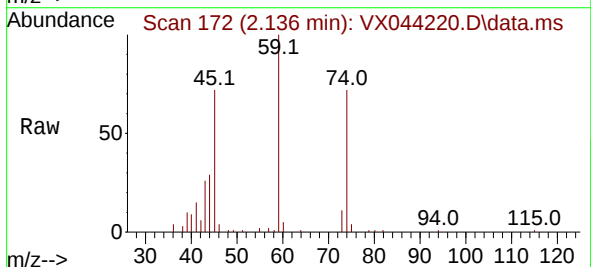
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

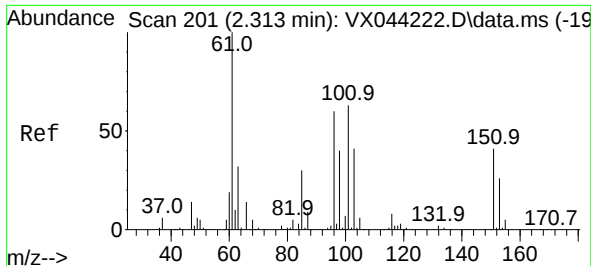
Tgt Ion:101 Resp: 21207
Ion Ratio Lower Upper
101 100
103 57.9 51.8 77.8



#8
Diethyl Ether
Concen: 5.009 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 74 Resp: 7199
Ion Ratio Lower Upper
74 100
45 97.0 48.4 145.0

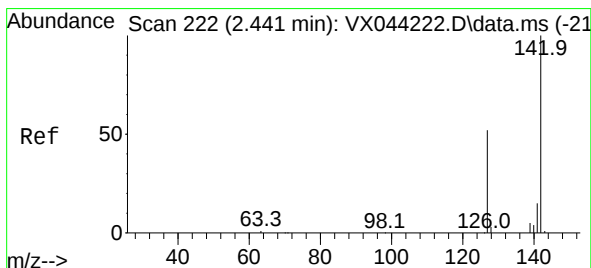
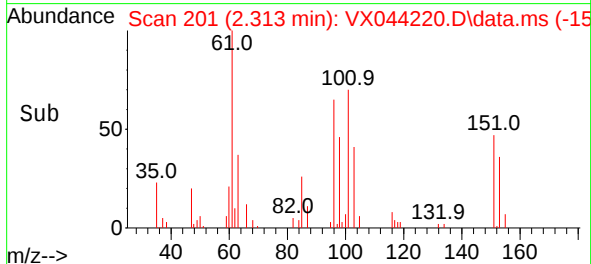
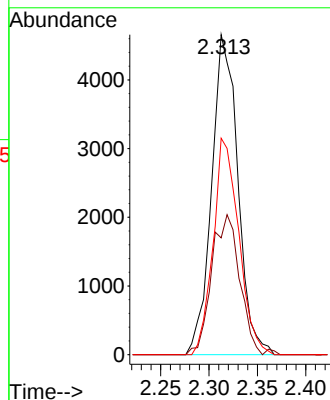
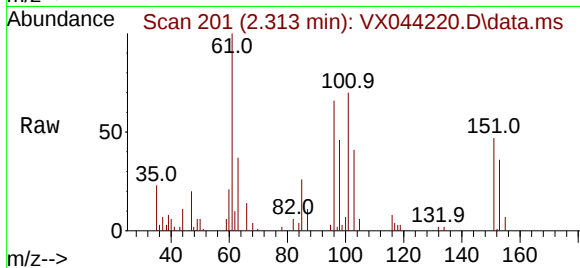




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.145 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044220.D
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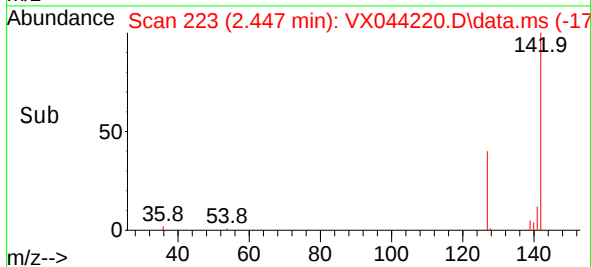
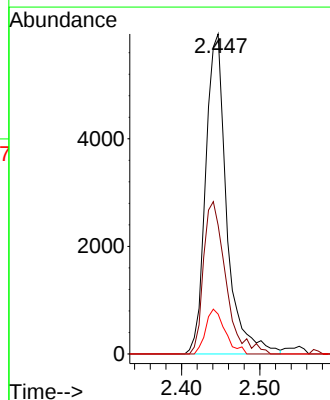
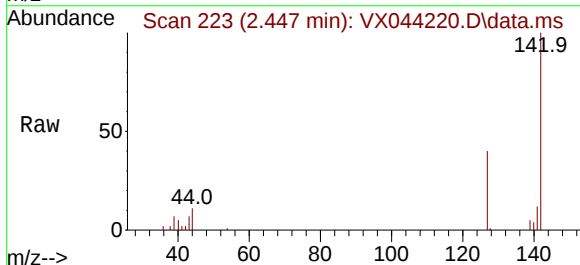
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

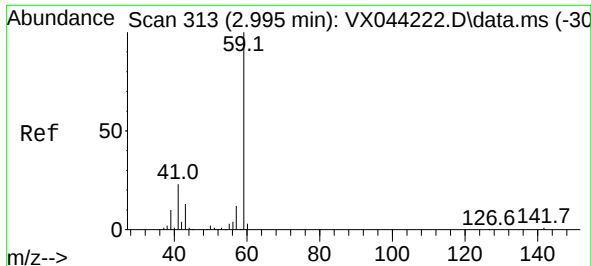
Tgt Ion:101 Resp: 8766
Ion Ratio Lower Upper
101 100
85 46.7 38.5 57.7
151 66.2 55.8 83.6



#10
Methyl Iodide
Concen: 4.928 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:142 Resp: 11066
Ion Ratio Lower Upper
142 100
127 50.4 41.8 62.8
141 12.9 11.5 17.3

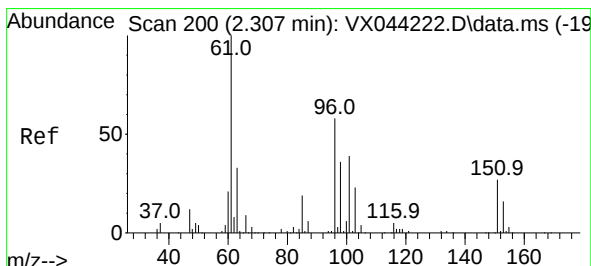
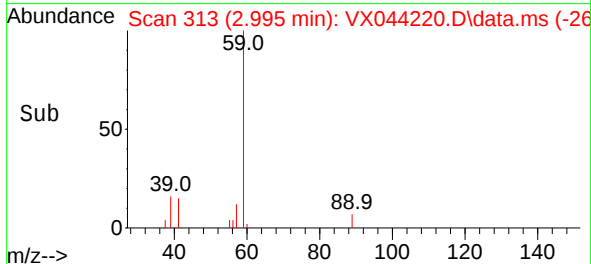
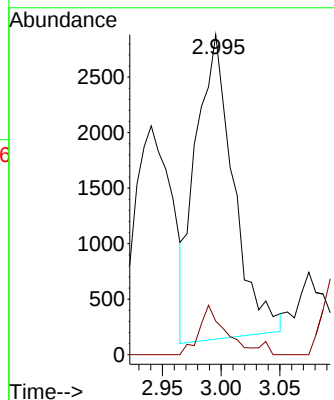
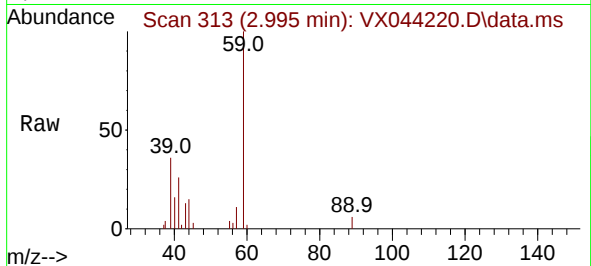




#11
Tert butyl alcohol
Concen: 17.693 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

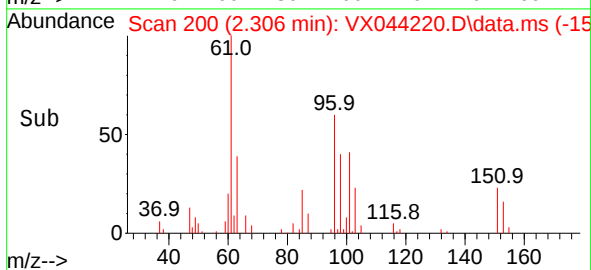
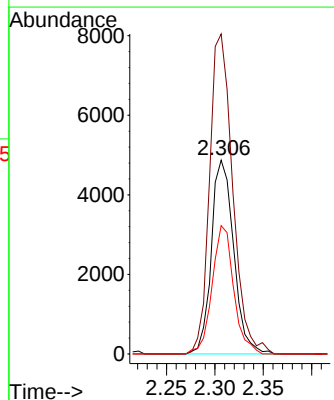
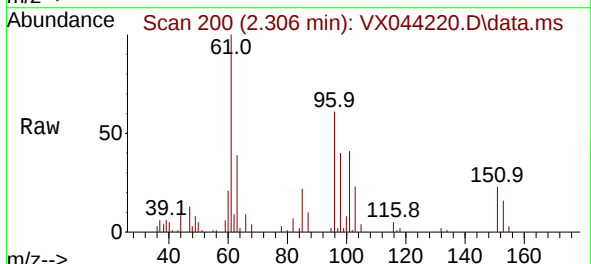
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

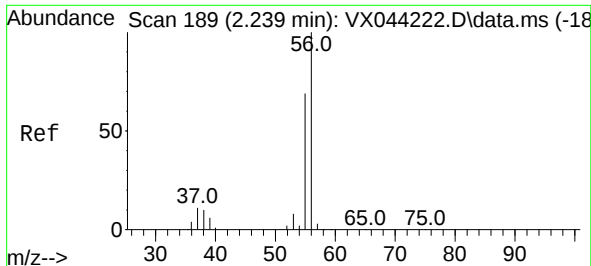
Tgt Ion: 59 Resp: 6094
Ion Ratio Lower Upper
59 100
57 11.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 4.999 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 96 Resp: 7822
Ion Ratio Lower Upper
96 100
61 165.2 138.0 207.0
98 66.2 50.0 75.0





#13

Acrolein

Concen: 25.073 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

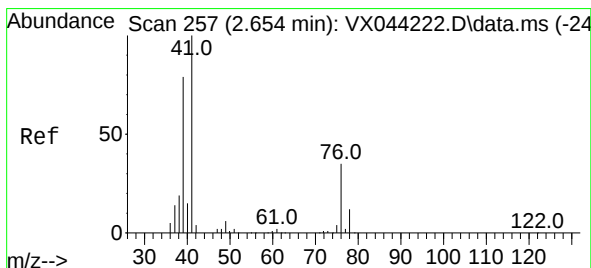
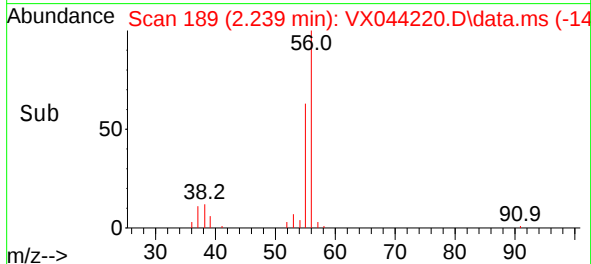
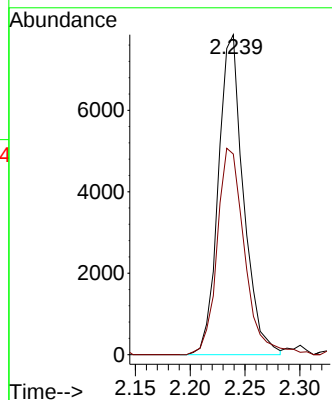
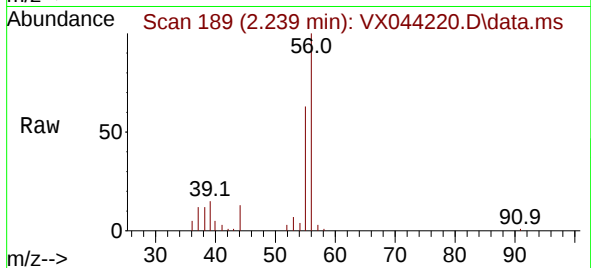
VSTDIC005

Tgt Ion: 56 Resp: 12521

Ion Ratio Lower Upper

56 100

55 70.6 56.6 84.8



#14

Allyl chloride

Concen: 4.792 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

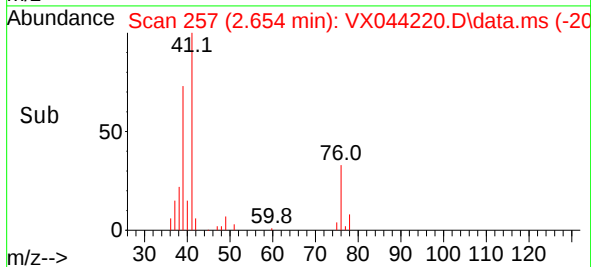
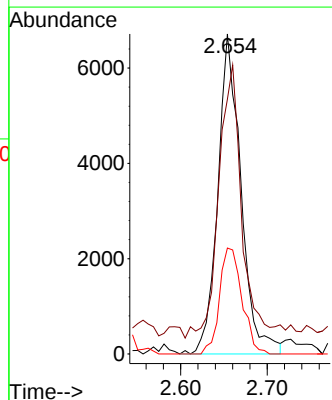
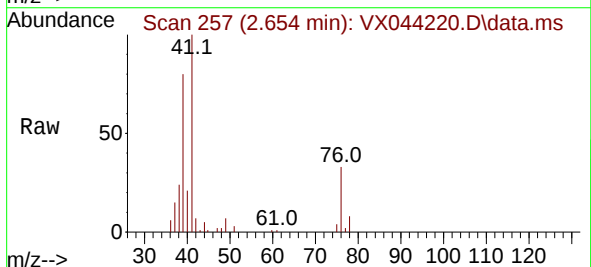
Tgt Ion: 41 Resp: 12490

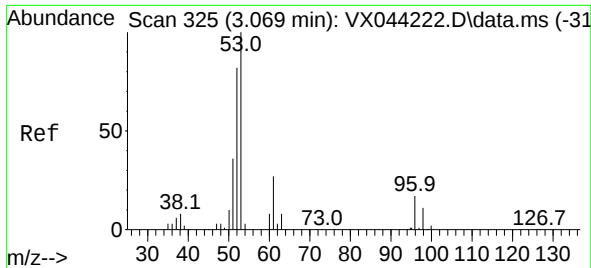
Ion Ratio Lower Upper

41 100

39 84.0 61.9 92.9

76 32.1 27.4 41.2

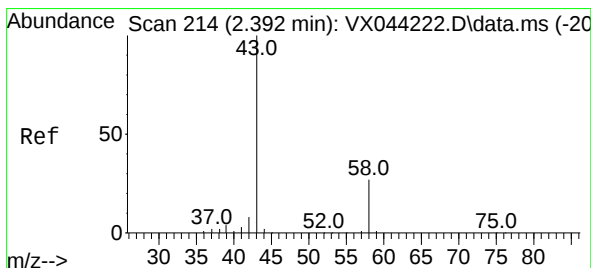
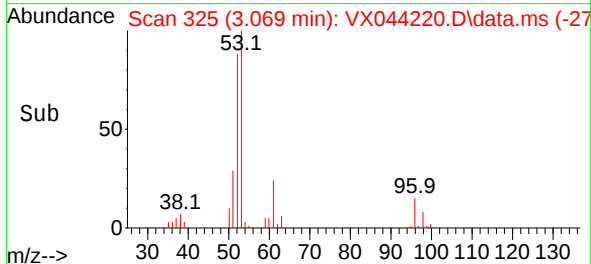
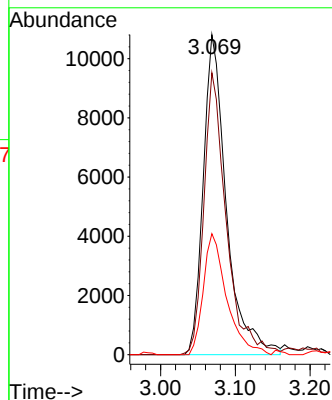
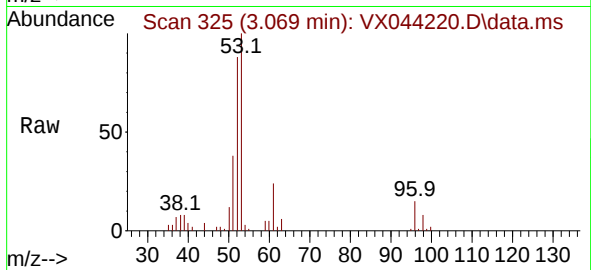




#15
Acrylonitrile
Concen: 24.357 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

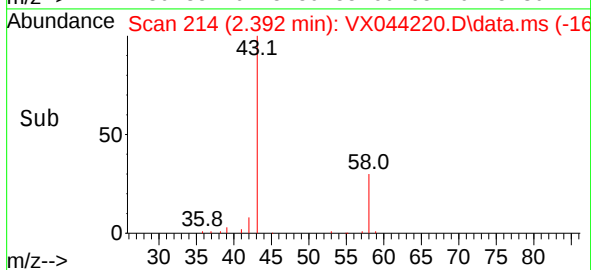
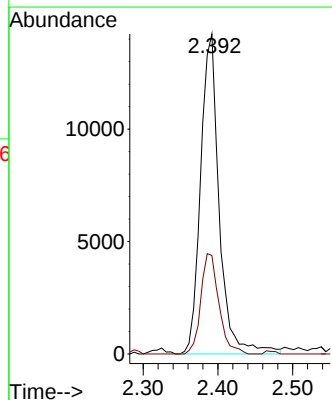
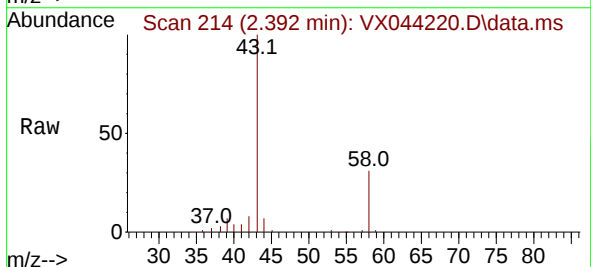
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

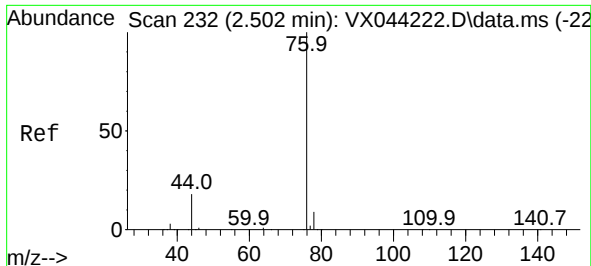
Tgt Ion: 53 Resp: 23276
Ion Ratio Lower Upper
53 100
52 85.0 67.4 101.0
51 38.2 30.3 45.5



#16
Acetone
Concen: 24.696 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 24645
Ion Ratio Lower Upper
43 100
58 30.8 21.6 32.4





#17

Carbon Disulfide

Concen: 4.091 ug/l

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

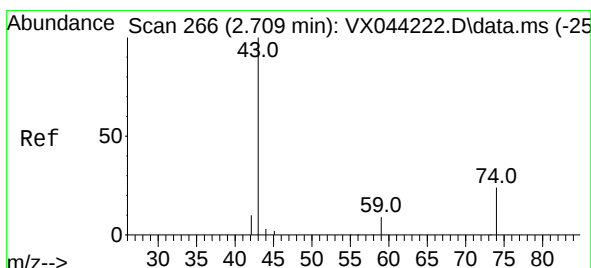
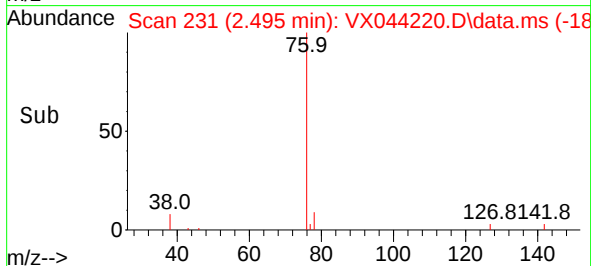
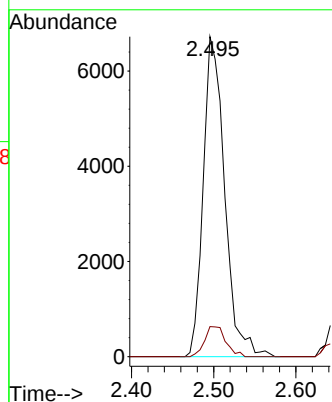
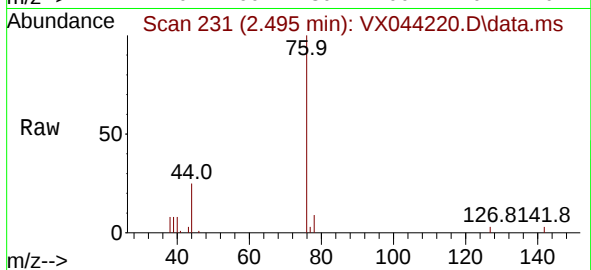
VSTDICC005

Tgt Ion: 76 Resp: 12169

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 4.824 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX044220.D

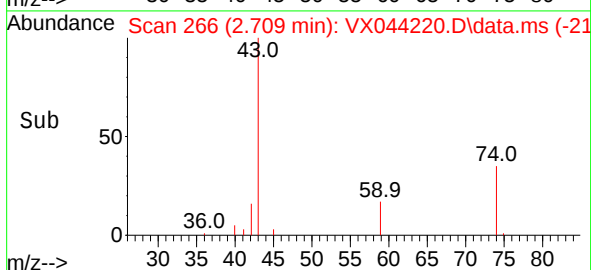
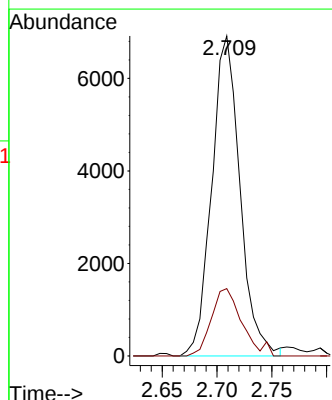
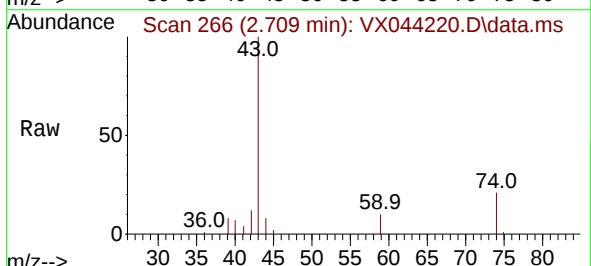
Acq: 11 Dec 2024 11:27

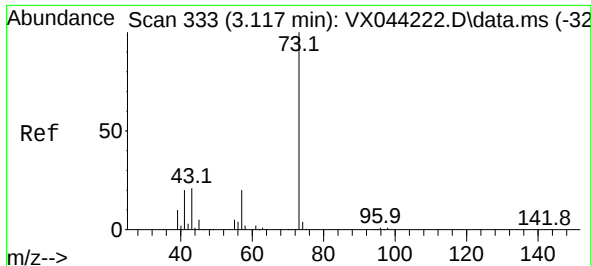
Tgt Ion: 43 Resp: 12412

Ion Ratio Lower Upper

43 100

74 22.7 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 5.002 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

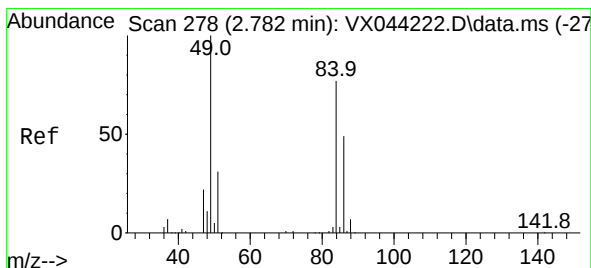
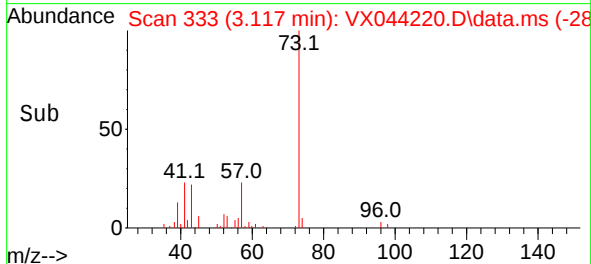
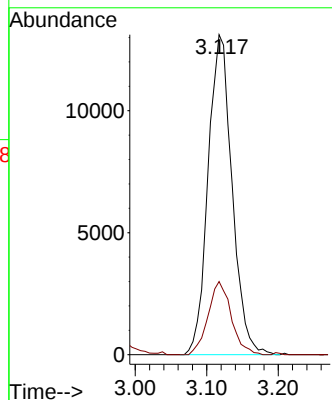
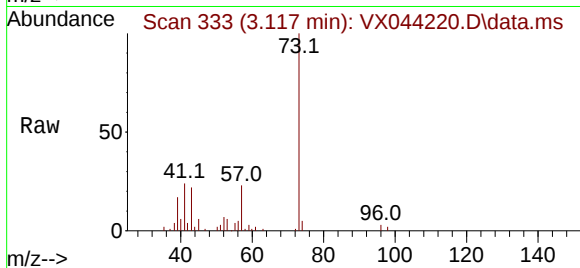
VSTDIC005

Tgt Ion: 73 Resp: 30546

Ion Ratio Lower Upper

73 100

57 22.9 16.2 24.4



#20

Methylene Chloride

Concen: 5.050 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion: 84 Resp: 9466

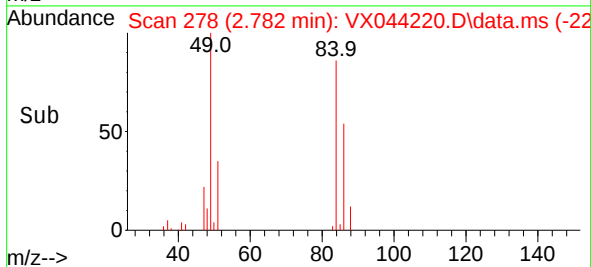
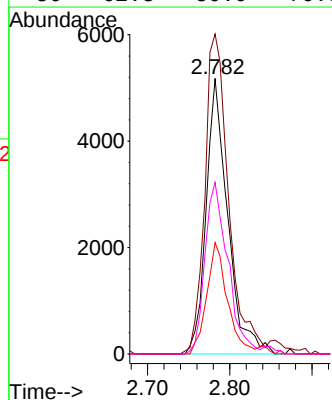
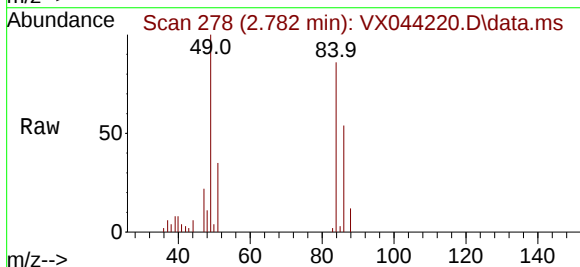
Ion Ratio Lower Upper

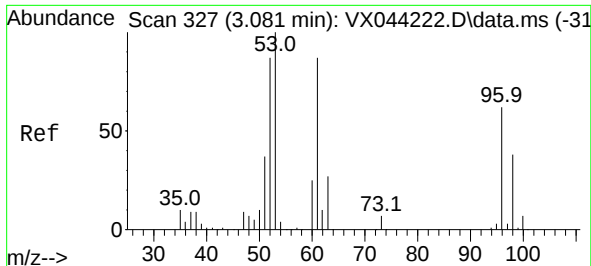
84 100

49 116.2 104.2 156.4

51 40.4 32.2 48.4

86 62.3 50.9 76.3

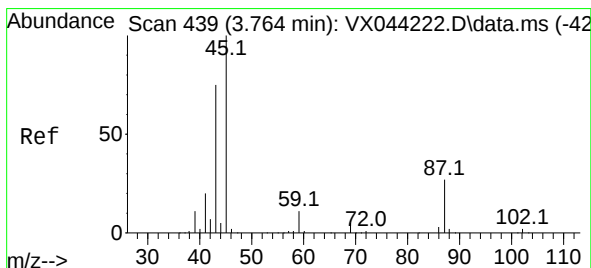
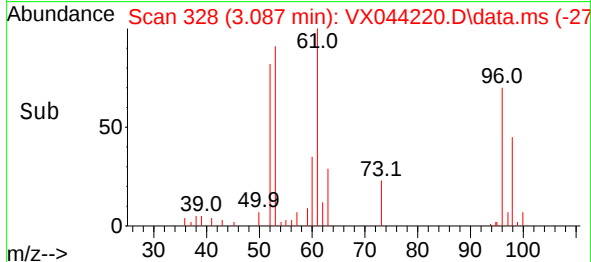
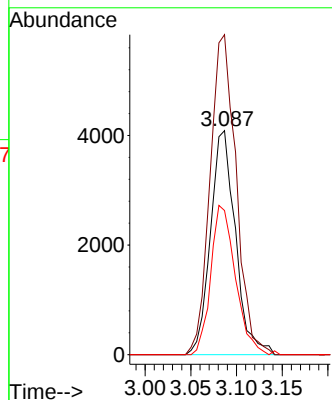
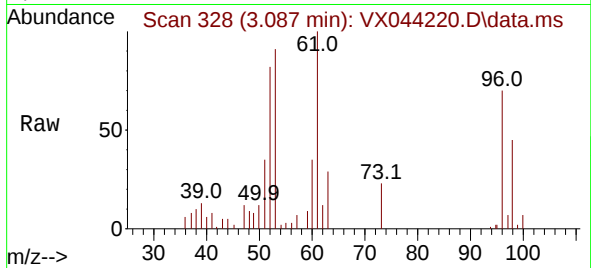




#21
trans-1,2-Dichloroethene
Concen: 4.671 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

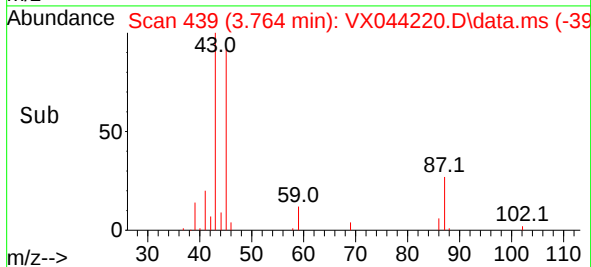
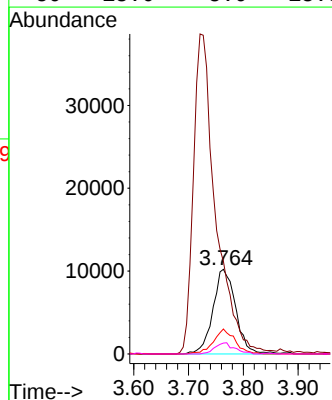
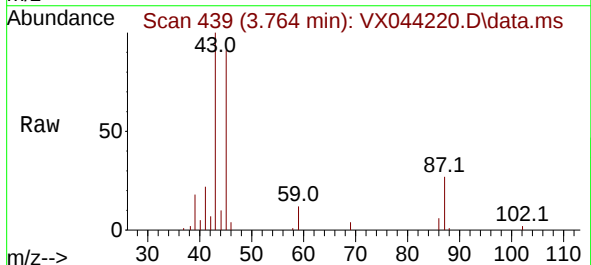
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

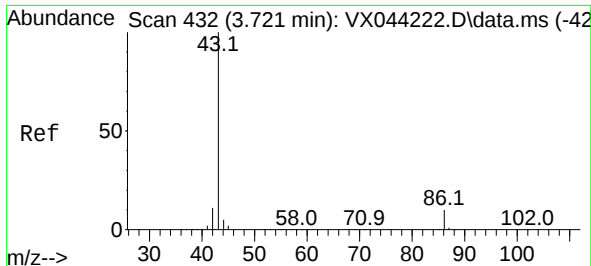
Tgt Ion: 96 Resp: 7768
Ion Ratio Lower Upper
96 100
61 142.9 112.0 168.0
98 64.4 48.8 73.2



#22
Diisopropyl ether
Concen: 5.029 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 45 Resp: 29518
Ion Ratio Lower Upper
45 100
43 107.7 60.2 90.2#
87 29.5 21.2 31.8
59 13.0 8.9 13.3

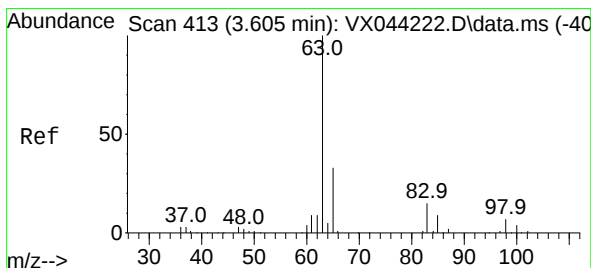
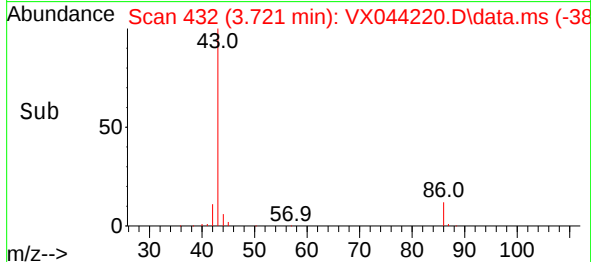
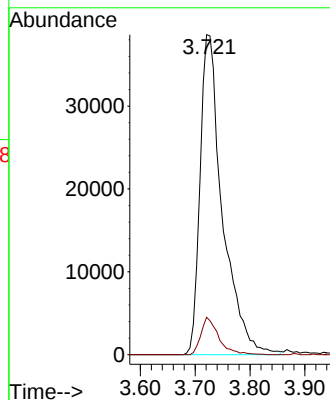
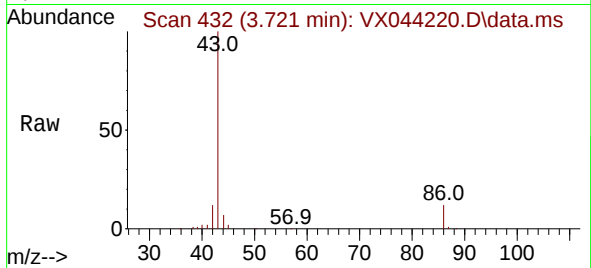




#23
 Vinyl Acetate
 Concen: 22.983 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044220.D
 Acq: 11 Dec 2024 11:27

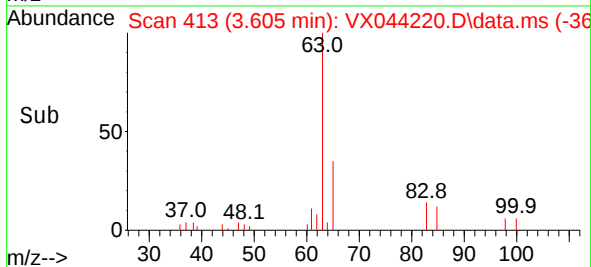
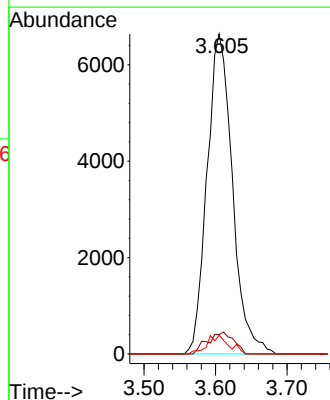
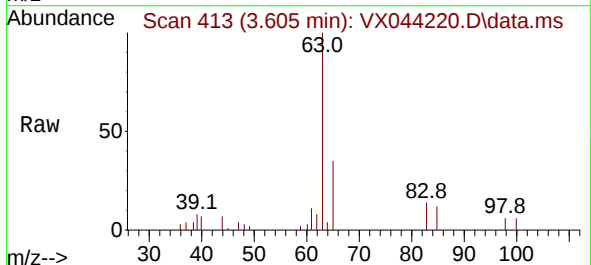
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

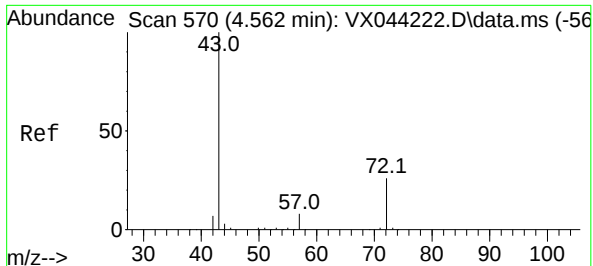
Tgt Ion: 43 Resp: 109670
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 5.004 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044220.D
 Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 16370
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.8
 100 5.9 2.1 6.3

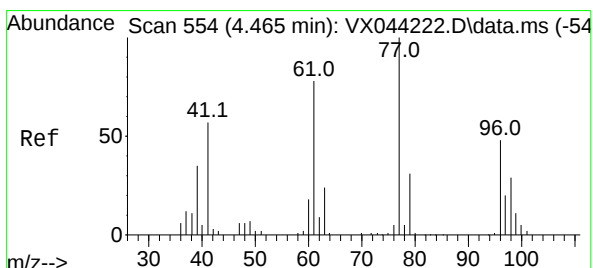
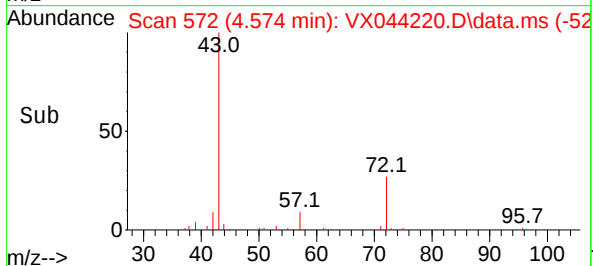
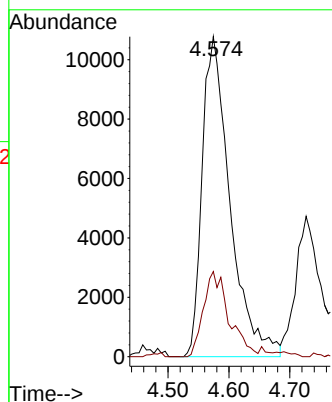
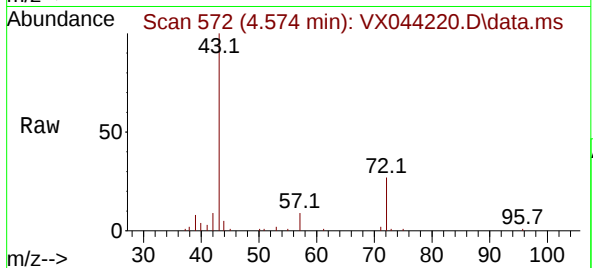




#25
2-Butanone
Concen: 24.138 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

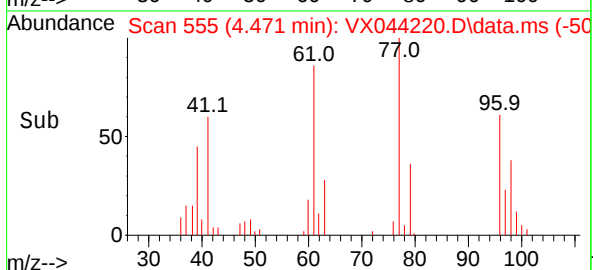
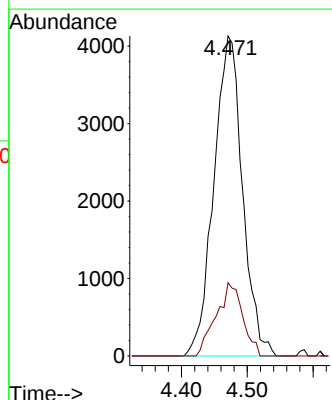
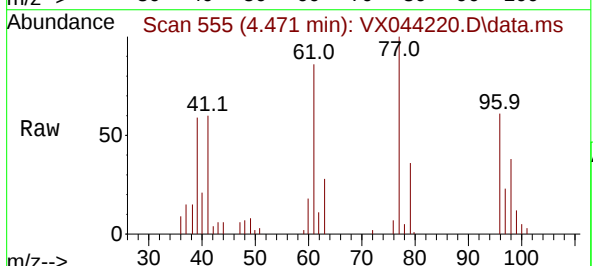
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

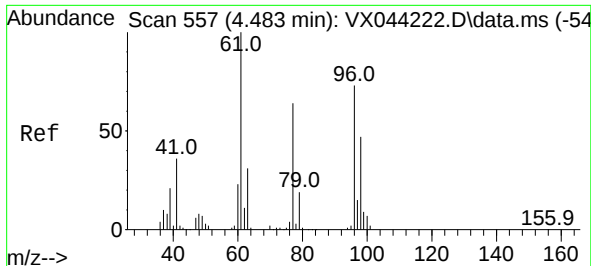
Tgt Ion: 43 Resp: 34245
Ion Ratio Lower Upper
43 100
72 26.6 20.2 30.4



#26
2,2-Dichloropropane
Concen: 4.708 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 77 Resp: 12514
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1

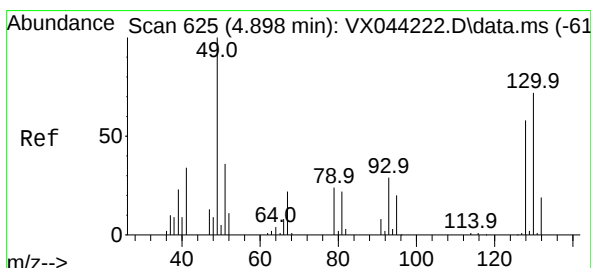
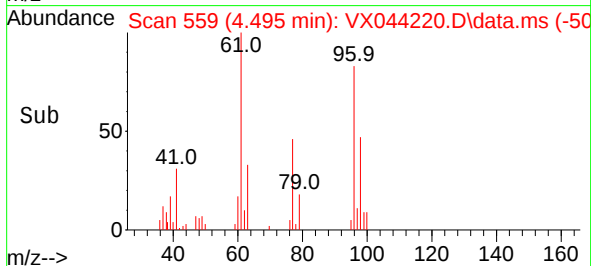
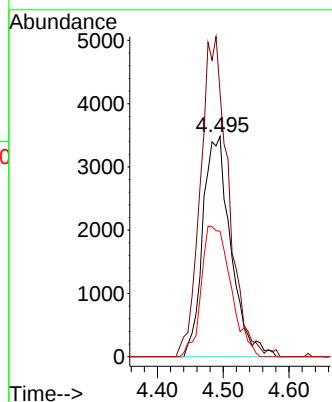
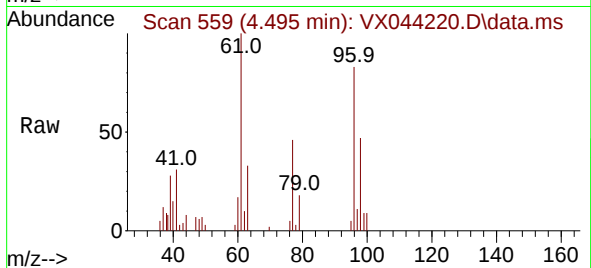




#27
 cis-1,2-Dichloroethene
 Concen: 4.873 ug/l
 RT: 4.495 min Scan# 557
 Delta R.T. 0.012 min
 Lab File: VX044220.D
 Acq: 11 Dec 2024 11:27

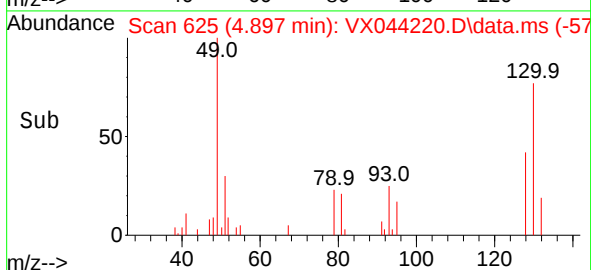
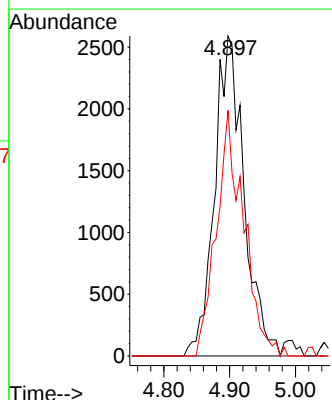
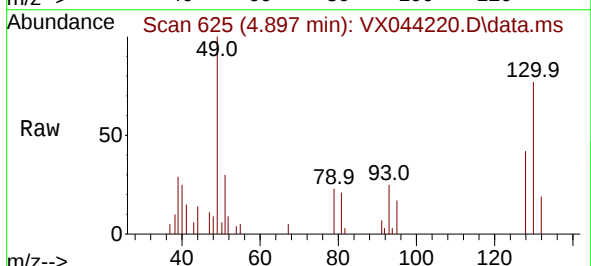
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

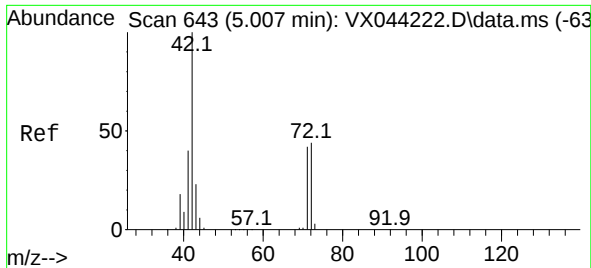
Tgt Ion: 96 Resp: 10292
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 299.0
 98 62.4 0.0 129.0



#28
 Bromochloromethane
 Concen: 5.017 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX044220.D
 Acq: 11 Dec 2024 11:27

Tgt Ion: 49 Resp: 8049
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 71.2 62.1 93.1





#29

Tetrahydrofuran

Concen: 26.693 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

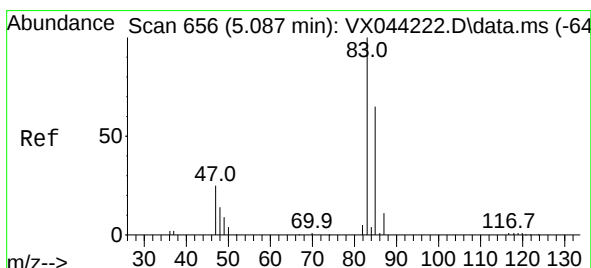
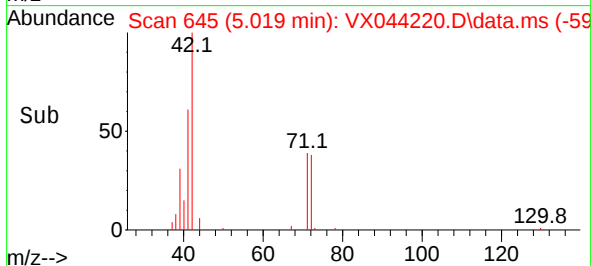
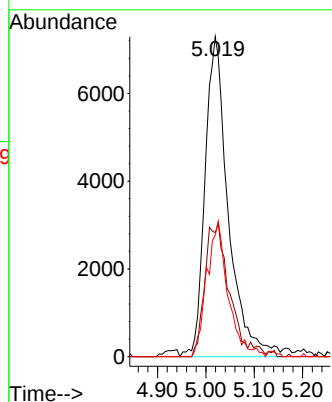
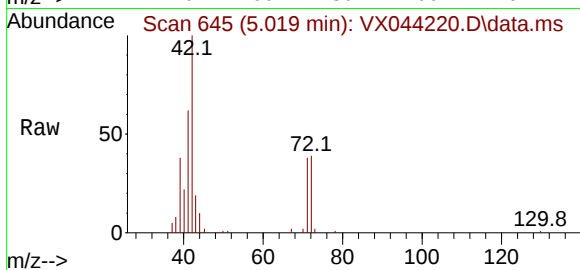
Tgt Ion: 42 Resp: 24307

Ion Ratio Lower Upper

42 100

72 42.3 37.0 55.6

71 38.9 33.6 50.4



#30

Chloroform

Concen: 4.984 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044220.D

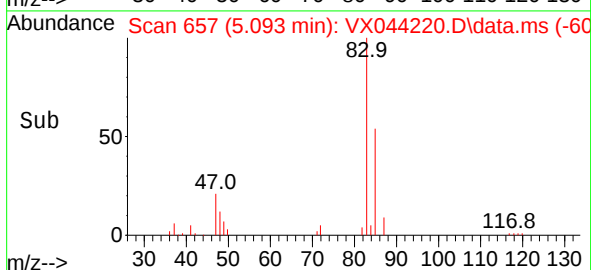
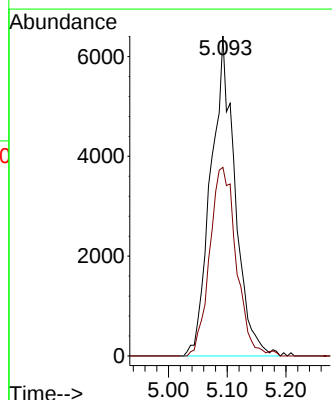
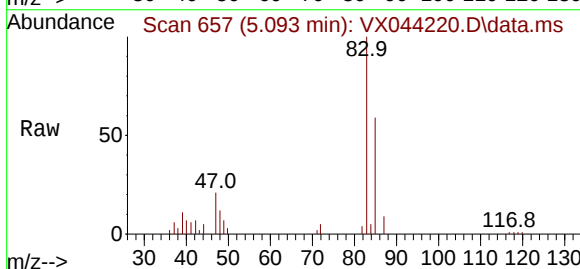
Acq: 11 Dec 2024 11:27

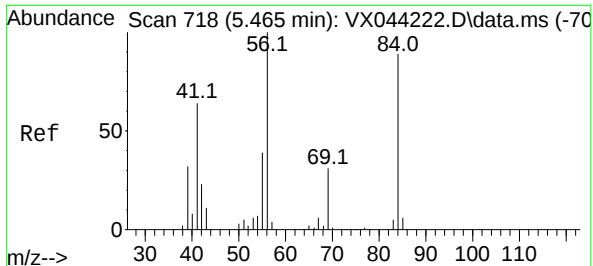
Tgt Ion: 83 Resp: 18319

Ion Ratio Lower Upper

83 100

85 58.9 51.6 77.4

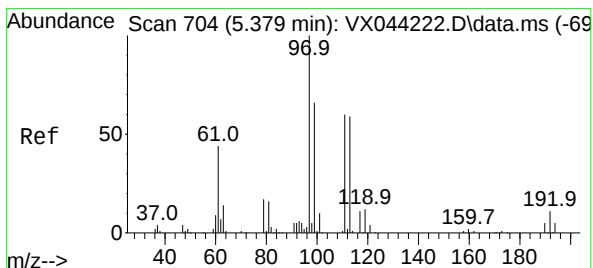
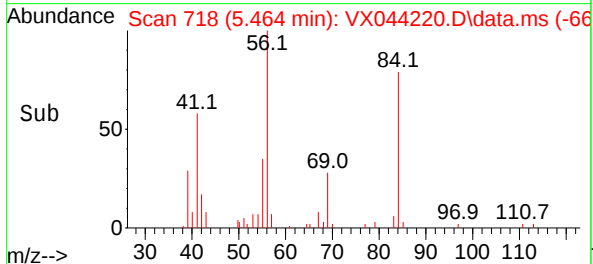
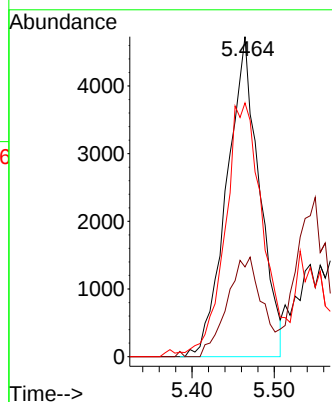
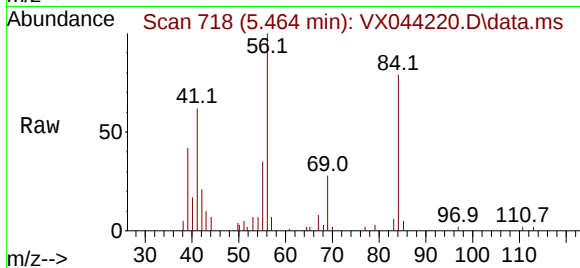




#31
Cyclohexane
Concen: 4.919 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

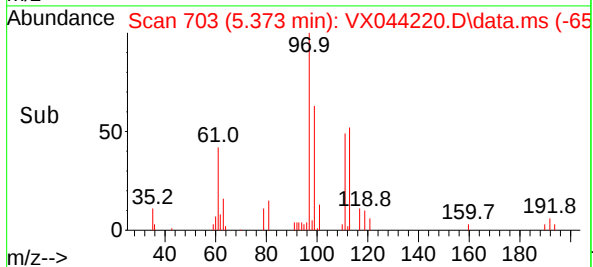
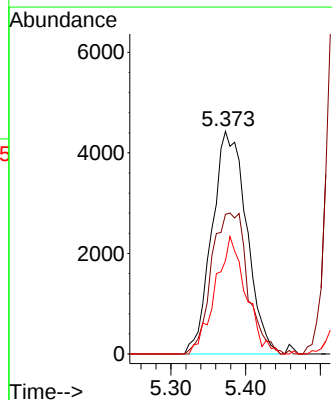
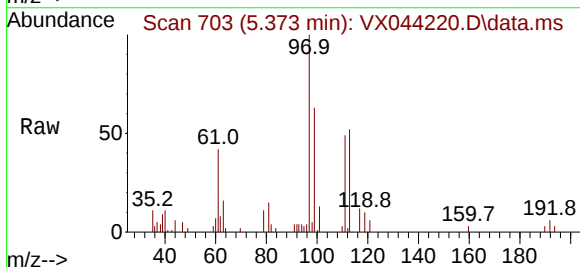
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

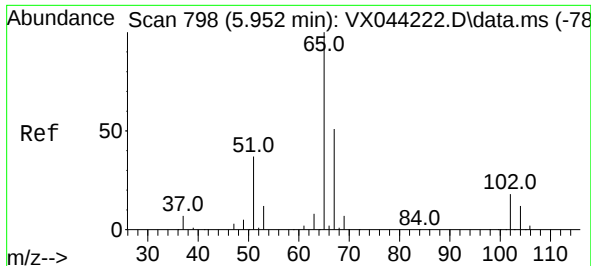
Tgt Ion: 56 Resp: 12995
Ion Ratio Lower Upper
56 100
69 26.4 24.7 37.1
84 77.9 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 4.664 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 97 Resp: 14231
Ion Ratio Lower Upper
97 100
99 66.8 50.8 76.2
61 46.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 5.328 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

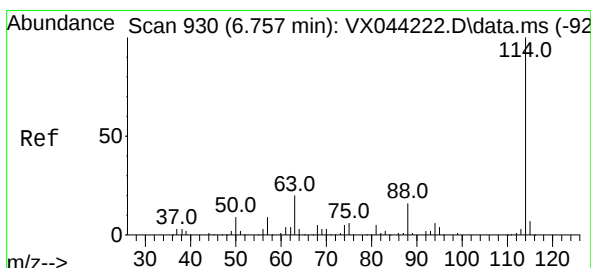
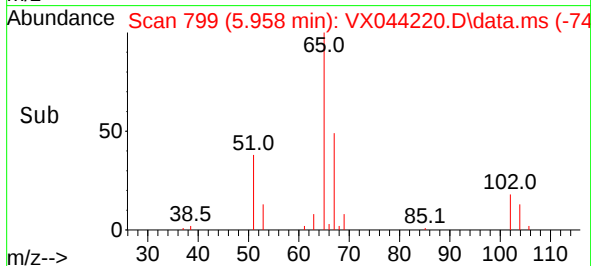
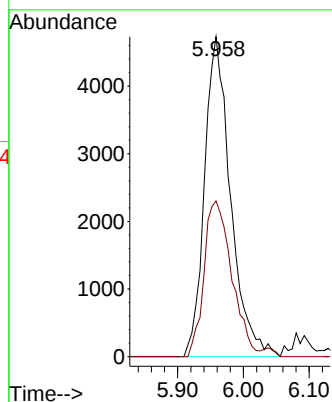
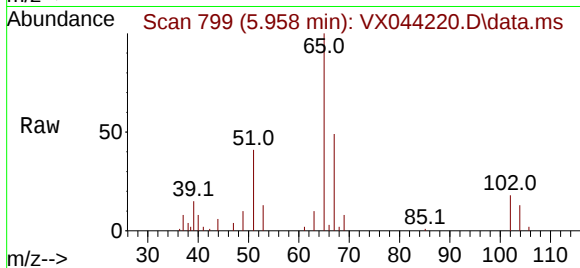
VSTDIC005

Tgt Ion: 65 Resp: 13043

Ion Ratio Lower Upper

65 100

67 51.8 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: VX044220.D

Acq: 11 Dec 2024 11:27

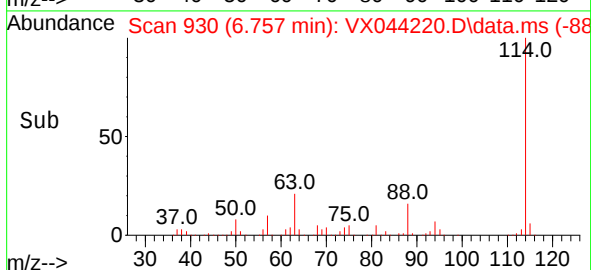
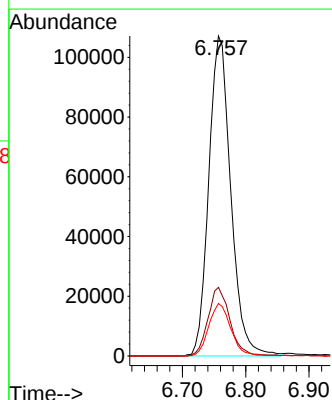
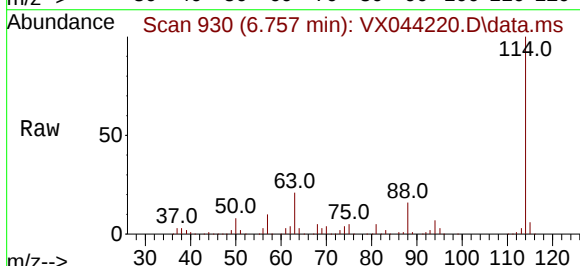
Tgt Ion:114 Resp: 258881

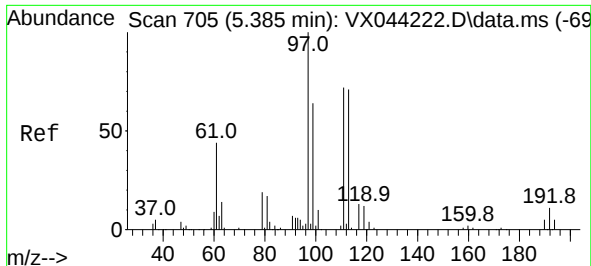
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.100 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

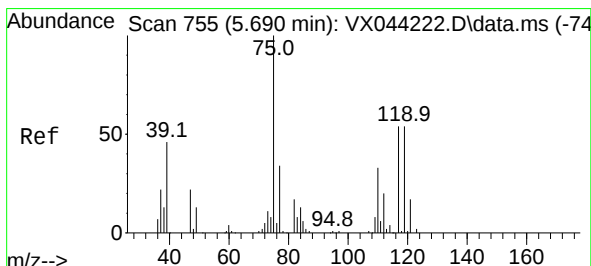
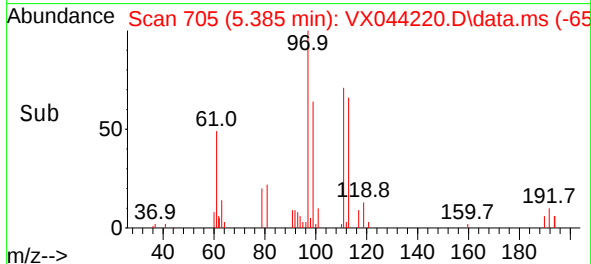
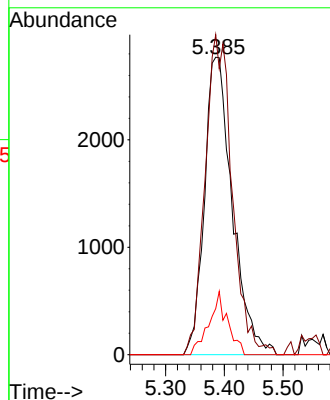
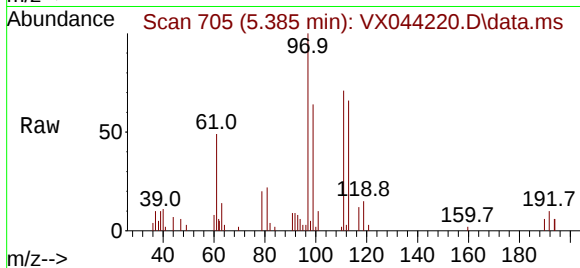
Tgt Ion:113 Resp: 9145

Ion Ratio Lower Upper

113 100

111 104.7 80.4 120.6

192 14.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.942 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

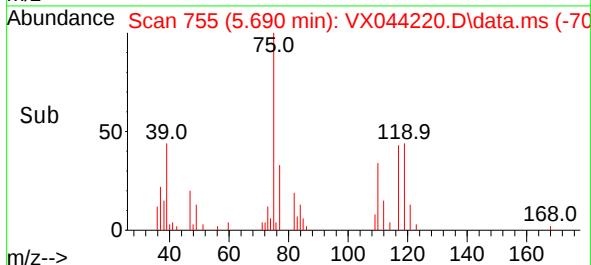
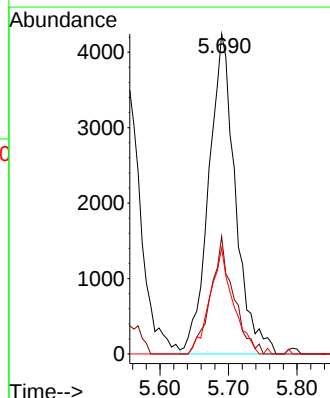
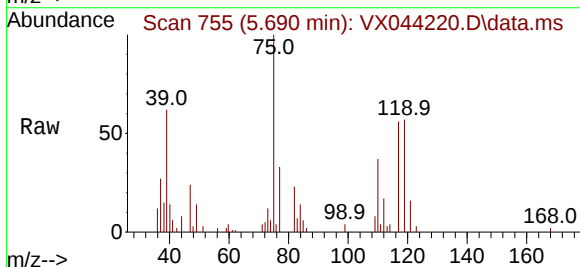
Tgt Ion: 75 Resp: 11455

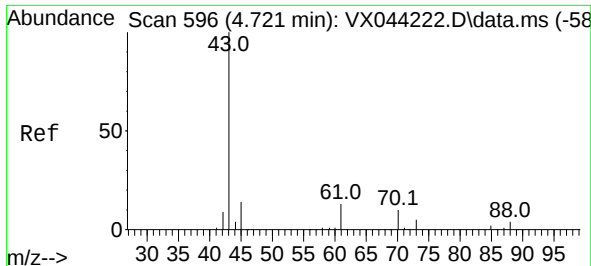
Ion Ratio Lower Upper

75 100

110 31.1 17.3 51.7

77 28.7 25.4 38.0





#37

Ethyl Acetate

Concen: 4.630 ug/l

RT: 4.727 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

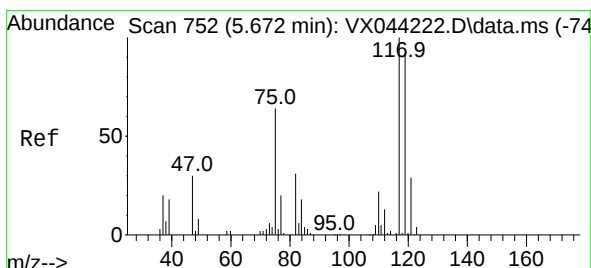
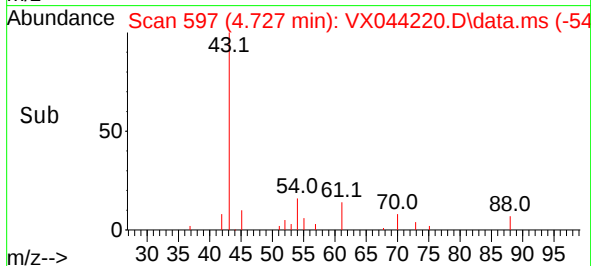
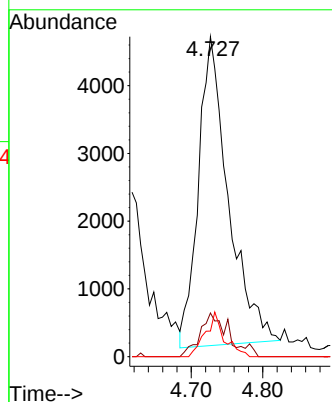
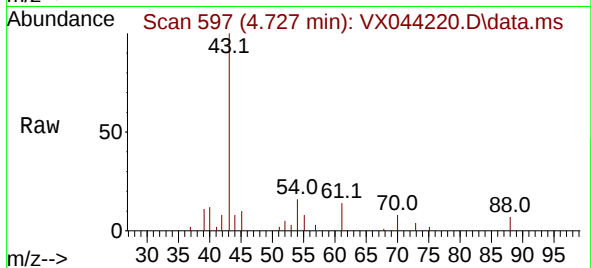
Tgt Ion: 43 Resp: 13265

Ion Ratio Lower Upper

43 100

61 13.6 9.8 14.8

70 9.1 7.7 11.5



#38

Carbon Tetrachloride

Concen: 4.599 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

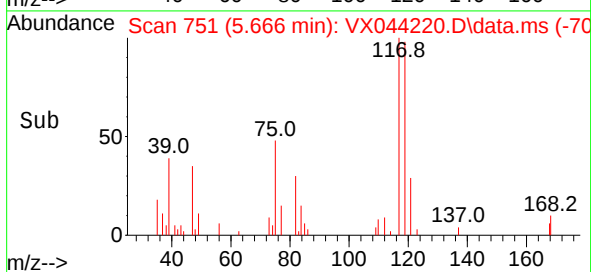
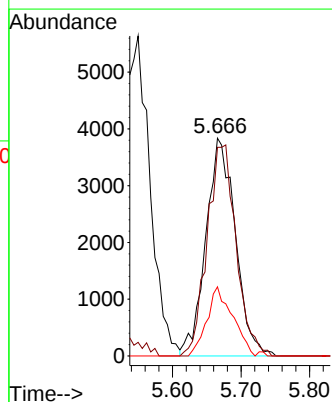
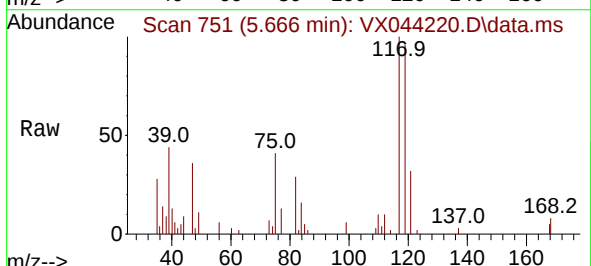
Tgt Ion: 117 Resp: 11476

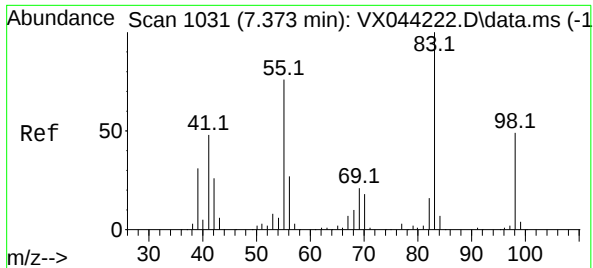
Ion Ratio Lower Upper

117 100

119 95.8 74.2 111.4

121 31.7 23.0 34.6





#39

Methylcyclohexane

Concen: 4.699 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

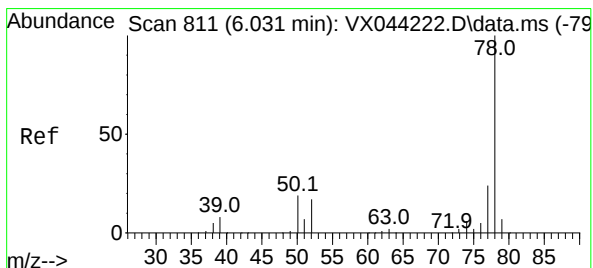
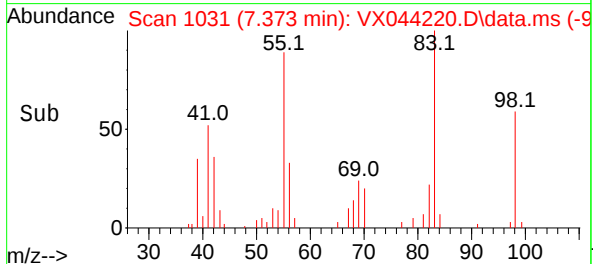
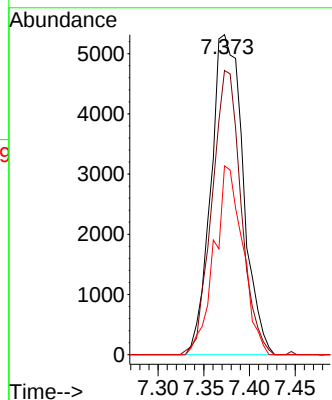
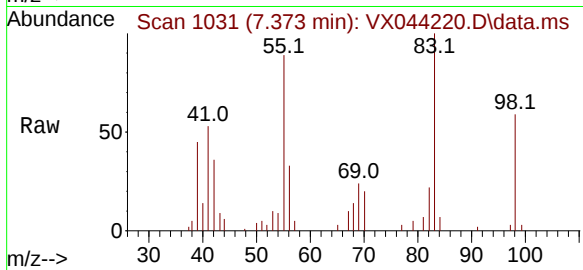
Tgt Ion: 83 Resp: 13019

Ion Ratio Lower Upper

83 100

55 88.8 60.7 91.1

98 59.0 38.9 58.3#



#40

Benzene

Concen: 4.976 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX044220.D

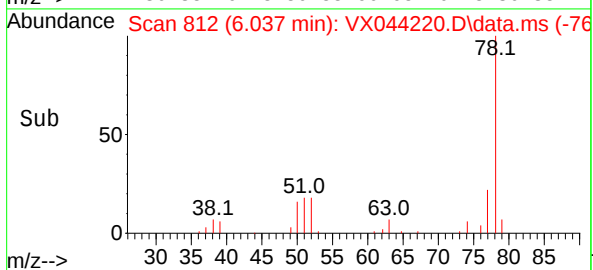
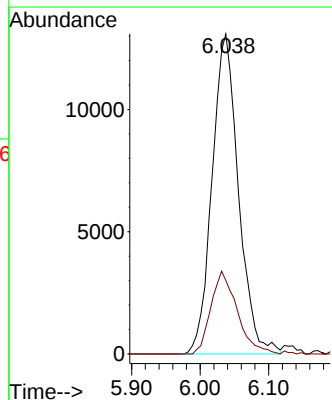
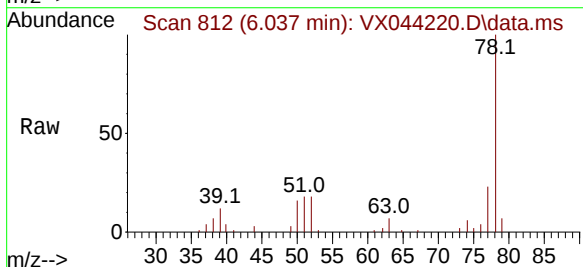
Acq: 11 Dec 2024 11:27

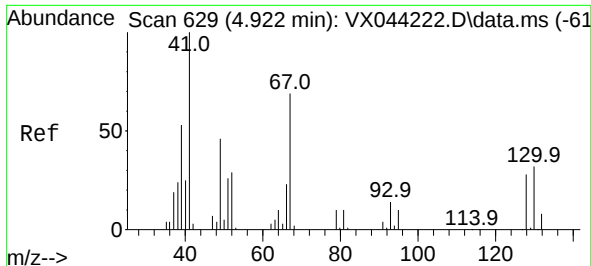
Tgt Ion: 78 Resp: 35018

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9

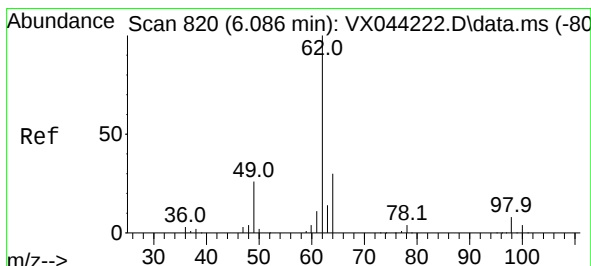
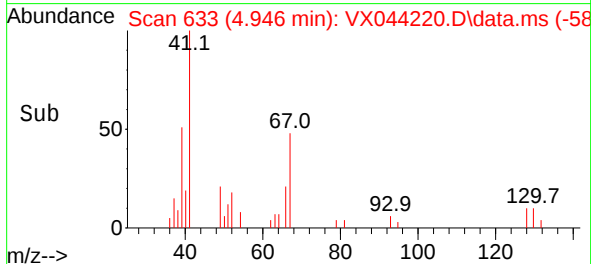
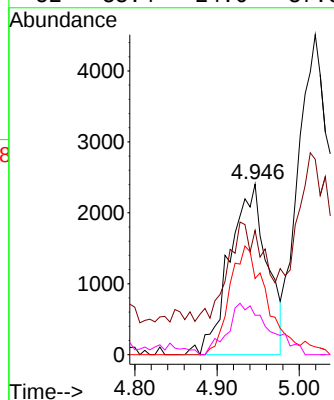
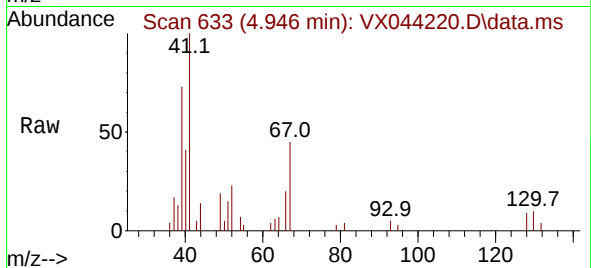




#41
Methacrylonitrile
Concen: 4.986 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

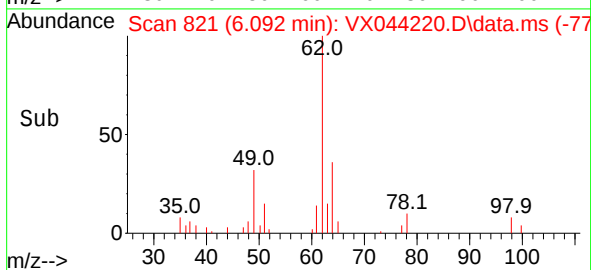
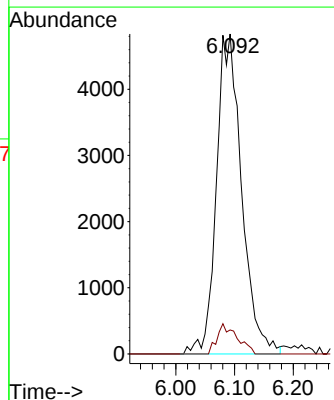
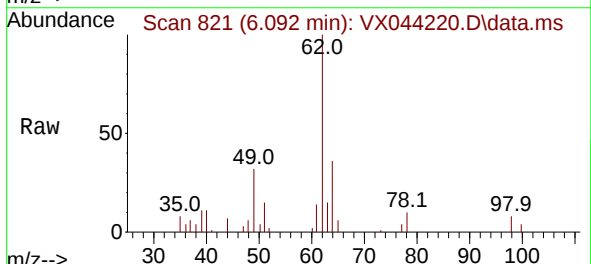
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

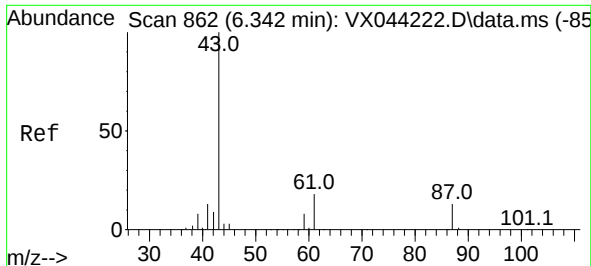
Tgt Ion:	41	Resp:	7585
Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.2	66.4
67	63.0	57.2	85.8
52	33.4	24.6	37.0



#42
1,2-Dichloroethane
Concen: 4.974 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:	62	Resp:	14419
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 4.935 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

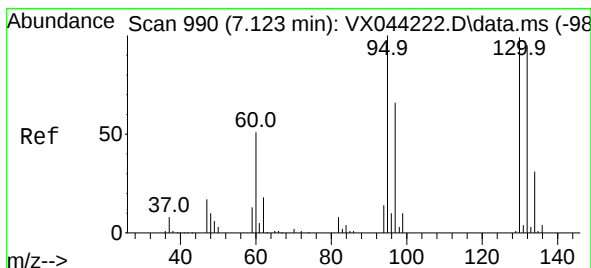
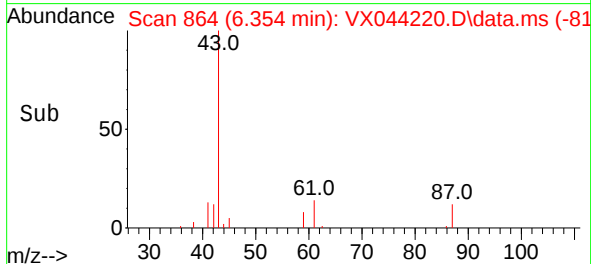
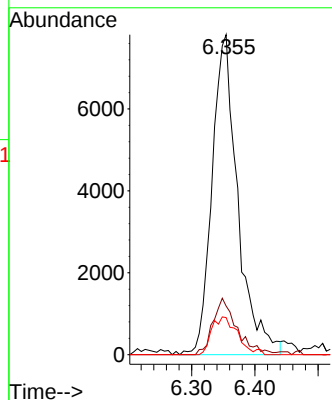
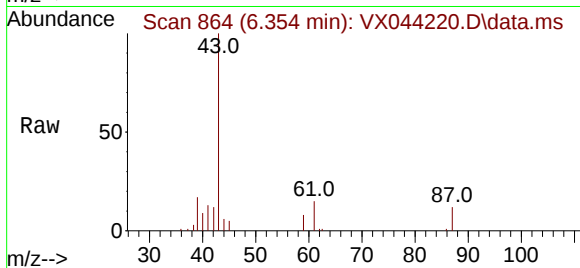
Tgt Ion: 43 Resp: 22098

Ion Ratio Lower Upper

43 100

61 16.5 14.2 21.2

87 11.9 10.2 15.2



#44

Trichloroethene

Concen: 4.790 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044220.D

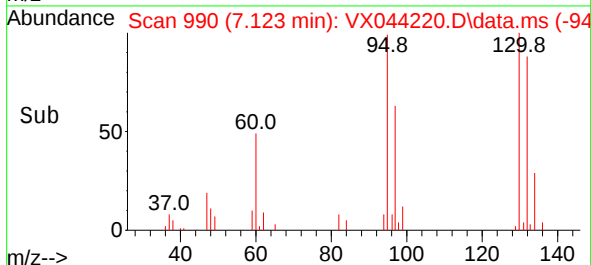
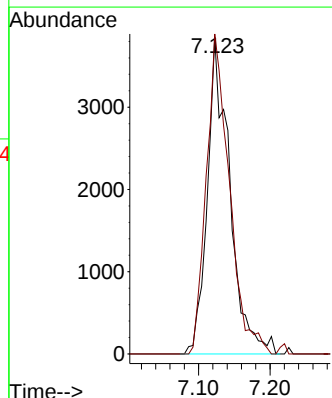
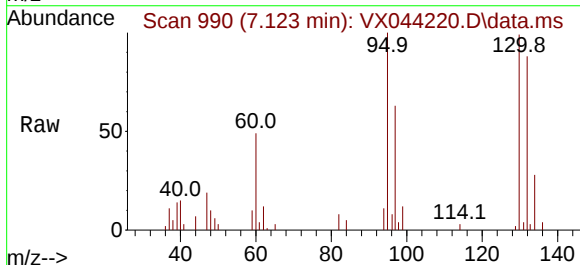
Acq: 11 Dec 2024 11:27

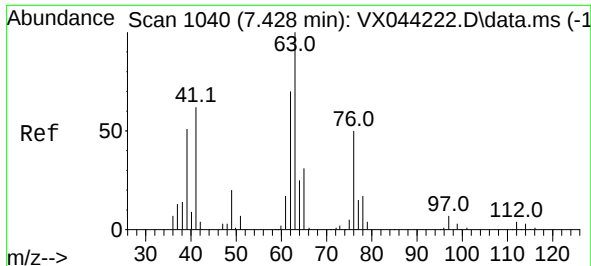
Tgt Ion:130 Resp: 8405

Ion Ratio Lower Upper

130 100

95 100.9 0.0 201.4





#45

1,2-Dichloropropane

Concen: 4.968 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

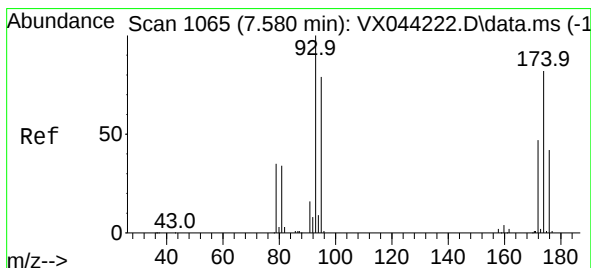
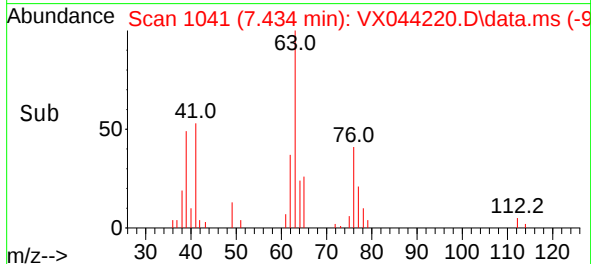
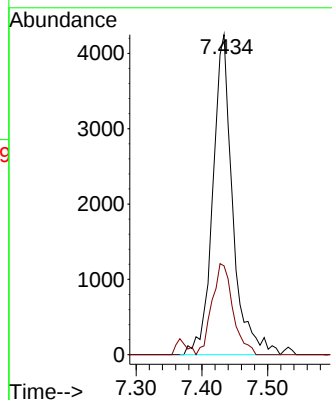
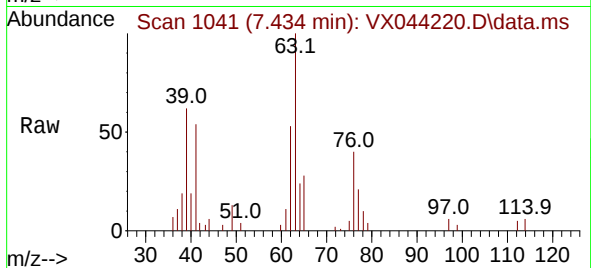
VSTDIC005

Tgt Ion: 63 Resp: 8932

Ion Ratio Lower Upper

63 100

65 27.8 24.6 37.0



#46

Dibromomethane

Concen: 4.958 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

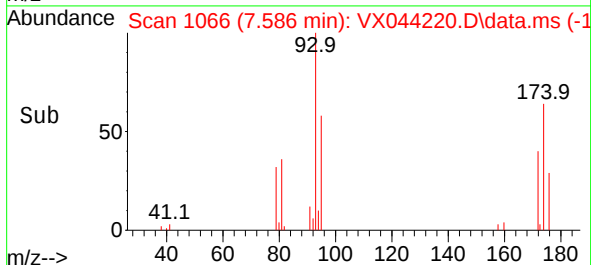
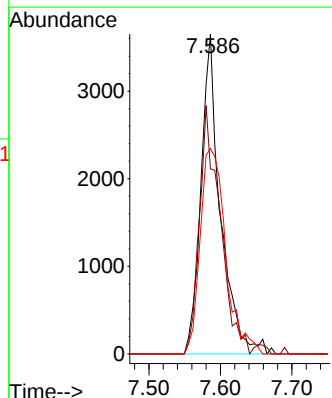
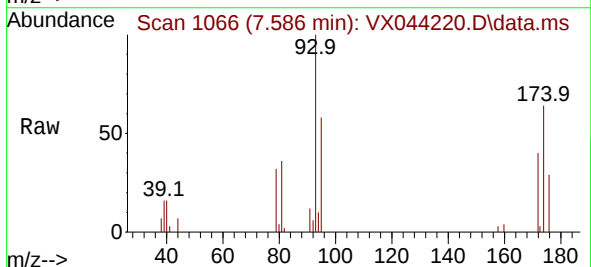
Tgt Ion: 93 Resp: 6915

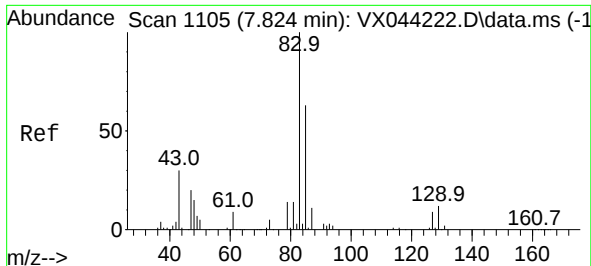
Ion Ratio Lower Upper

93 100

95 82.3 65.4 98.2

174 83.6 67.9 101.9

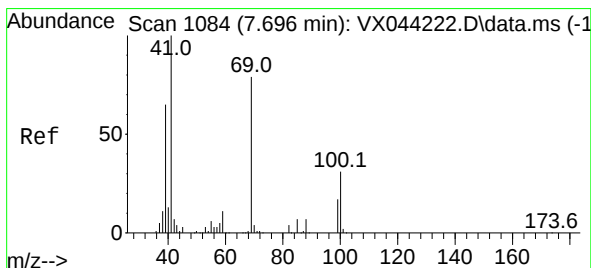
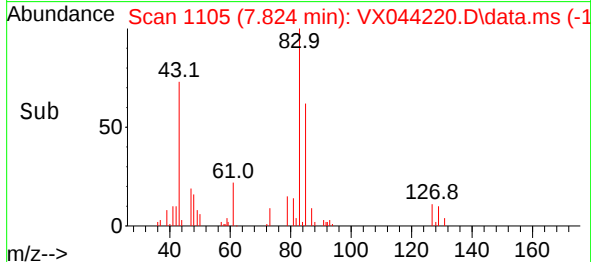
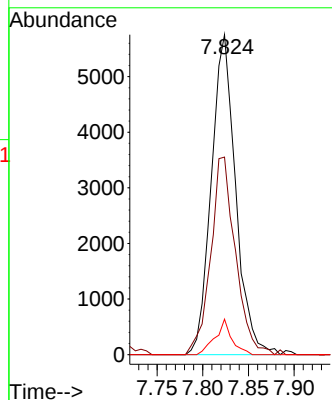
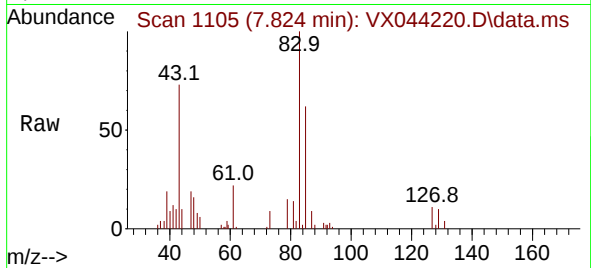




#47
Bromodichloromethane
Concen: 4.420 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

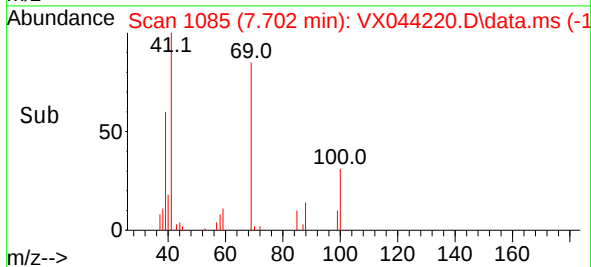
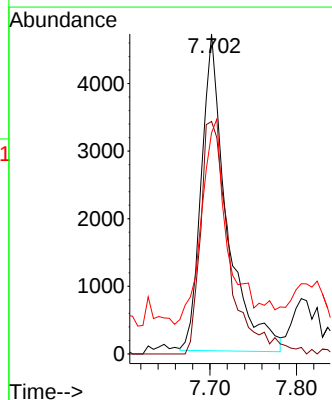
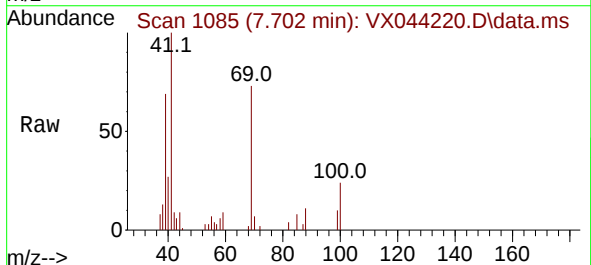
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

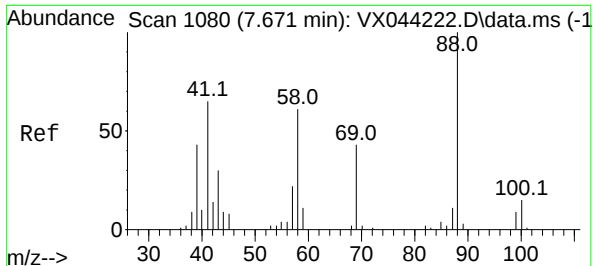
Tgt Ion: 83 Resp: 10646
Ion Ratio Lower Upper
83 100
85 61.7 50.6 75.8
127 11.1 7.3 10.9#



#48
Methyl methacrylate
Concen: 4.410 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 41 Resp: 9586
Ion Ratio Lower Upper
41 100
69 82.8 62.4 93.6
39 66.7 53.3 79.9





#49

1,4-Dioxane

Concen: 74.917 ug/l

RT: 7.671 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

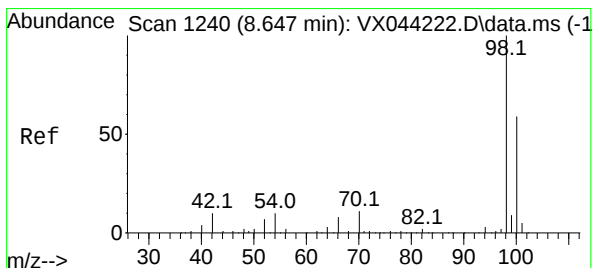
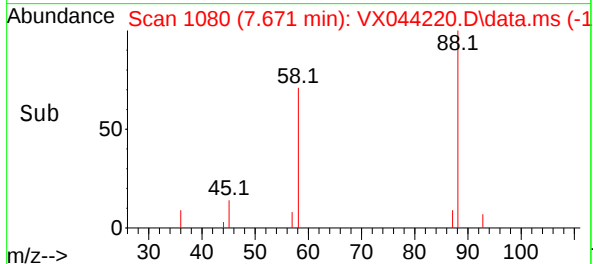
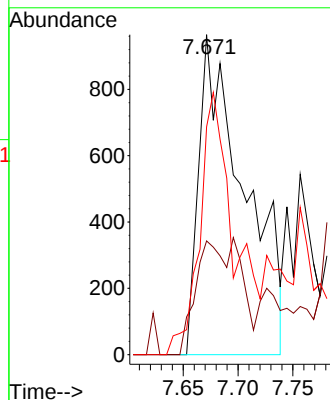
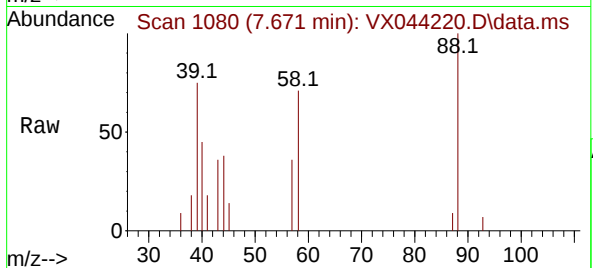
Tgt Ion: 88 Resp: 2783

Ion Ratio Lower Upper

88 100

43 23.3 27.1 40.7#

58 61.6 41.0 61.4#



#50

Toluene-d8

Concen: 4.915 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044220.D

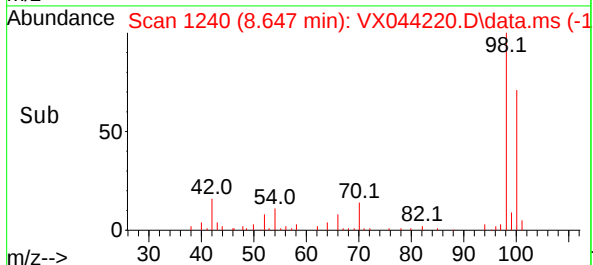
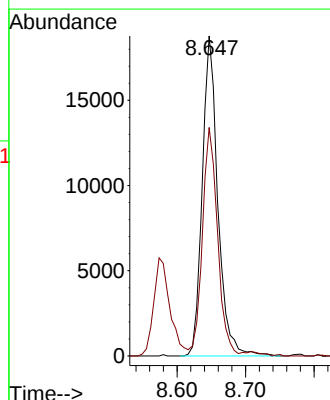
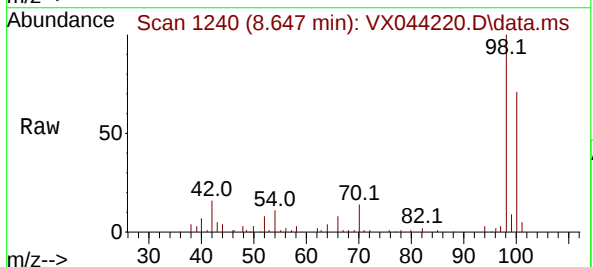
Acq: 11 Dec 2024 11:27

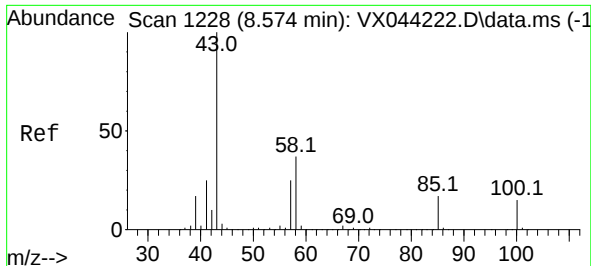
Tgt Ion: 98 Resp: 29732

Ion Ratio Lower Upper

98 100

100 67.4 51.5 77.3

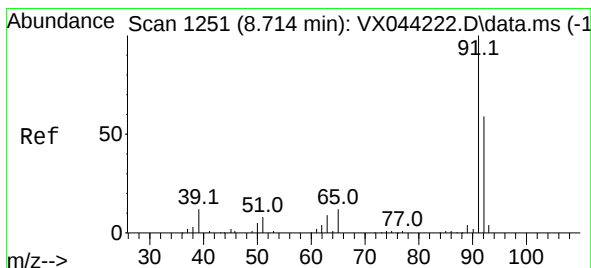
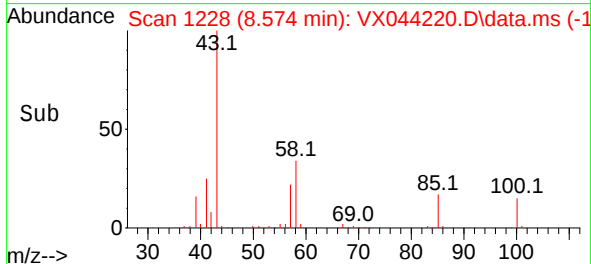
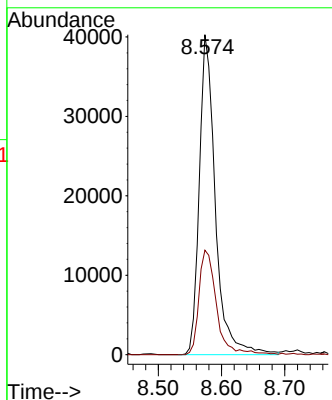
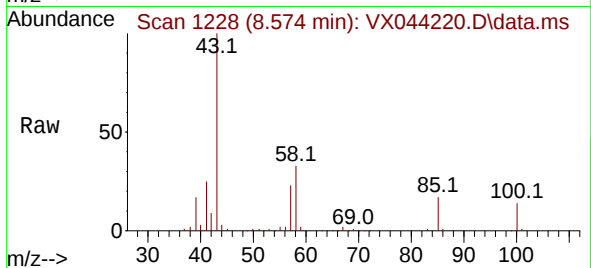




#51
4-Methyl-2-Pentanone
Concen: 24.759 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

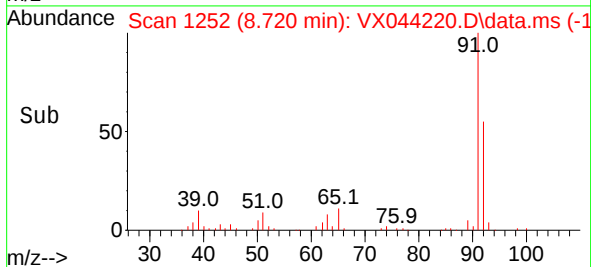
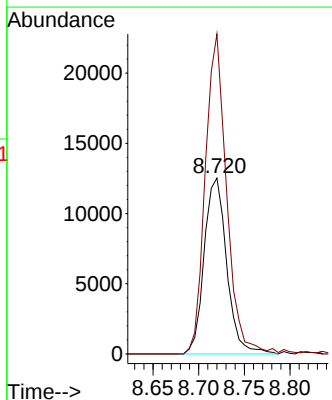
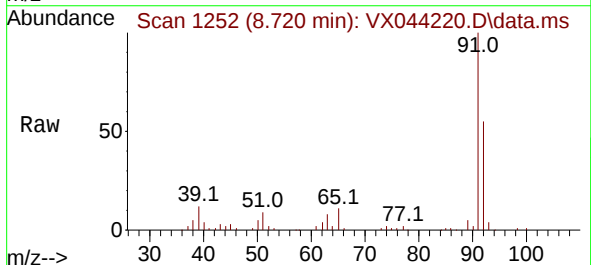
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

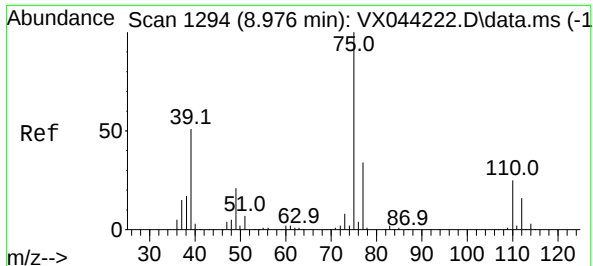
Tgt Ion: 43 Resp: 71285
Ion Ratio Lower Upper
43 100
58 35.7 29.4 44.0



#52
Toluene
Concen: 4.862 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 92 Resp: 21486
Ion Ratio Lower Upper
92 100
91 173.0 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 4.665 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

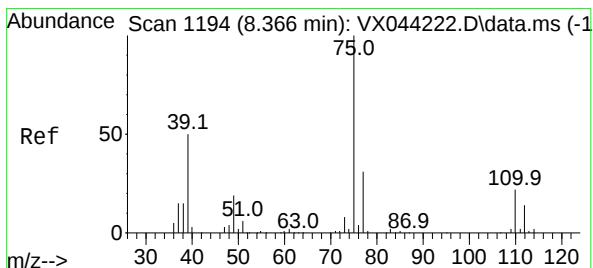
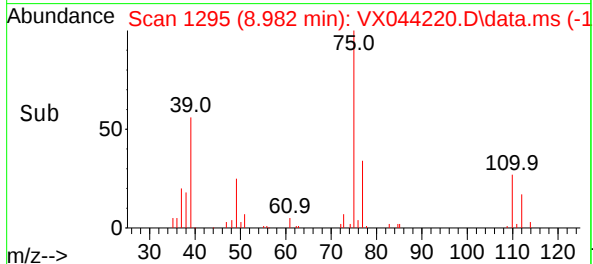
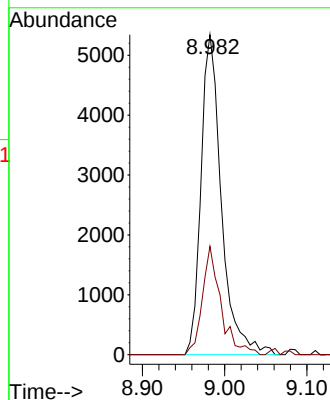
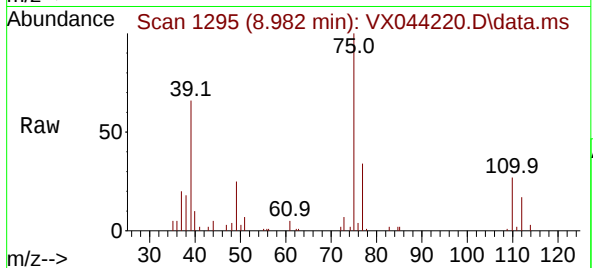
VSTDIC005

Tgt Ion: 75 Resp: 9232

Ion Ratio Lower Upper

75 100

77 33.8 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 4.348 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

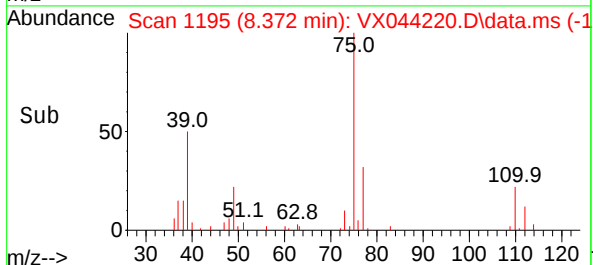
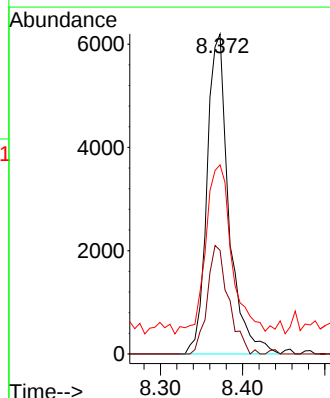
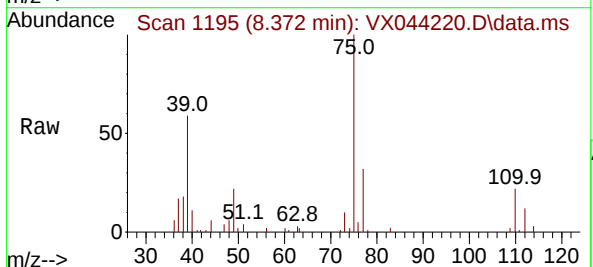
Tgt Ion: 75 Resp: 11404

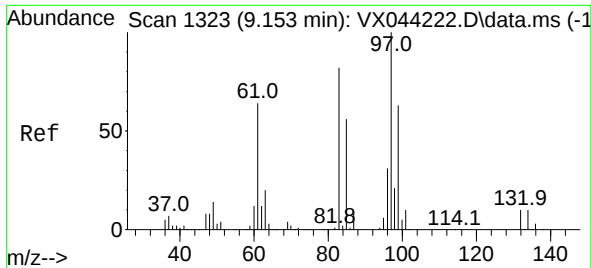
Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 50.5 40.3 60.5

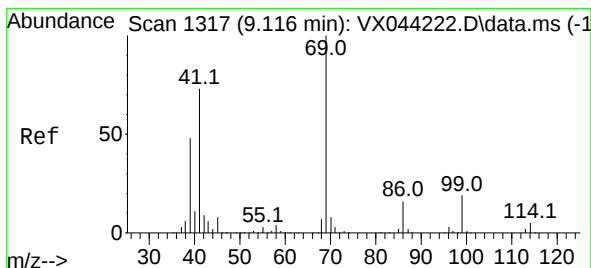
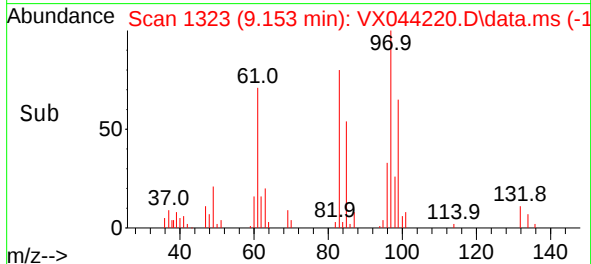
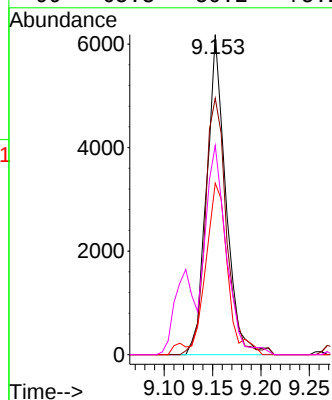
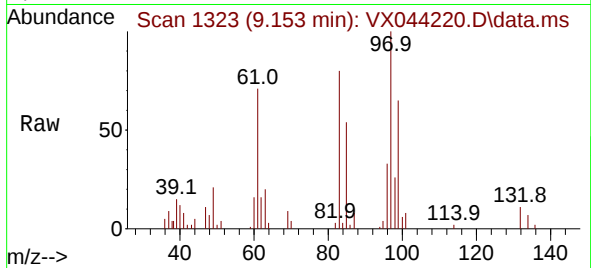




#55
1,1,2-Trichloroethane
Concen: 4.893 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

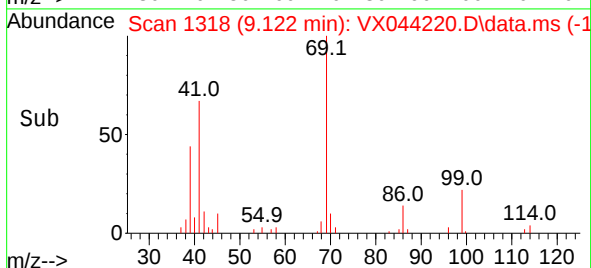
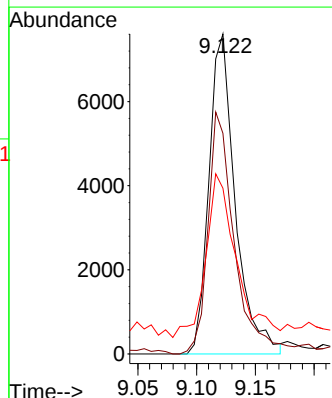
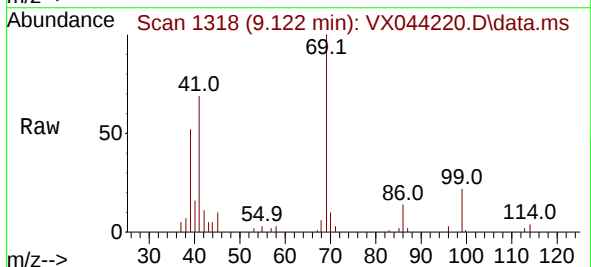
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

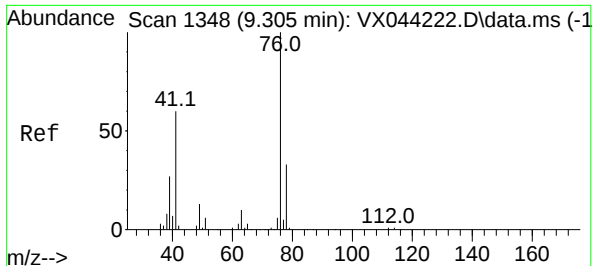
Tgt Ion:	97	Resp:	8590
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.3	97.9
85	53.6	44.6	67.0
99	65.3	50.2	75.2



#56
Ethyl methacrylate
Concen: 4.277 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:	69	Resp:	11854
Ion	Ratio	Lower	Upper
69	100		
41	76.0	56.6	85.0
39	58.7	37.4	56.0

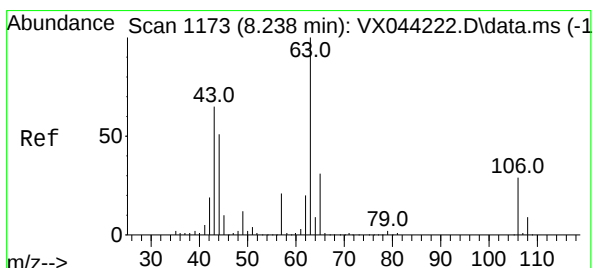
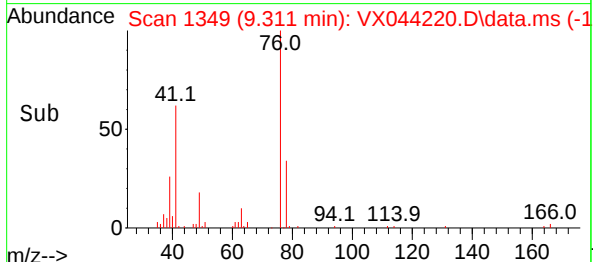
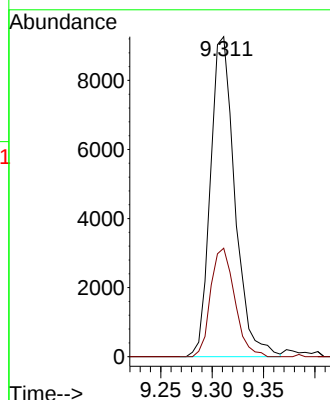
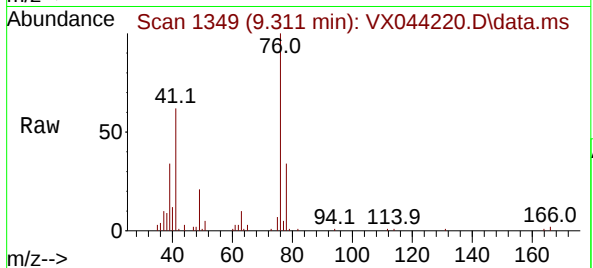




#57
1,3-Dichloropropane
Concen: 5.024 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

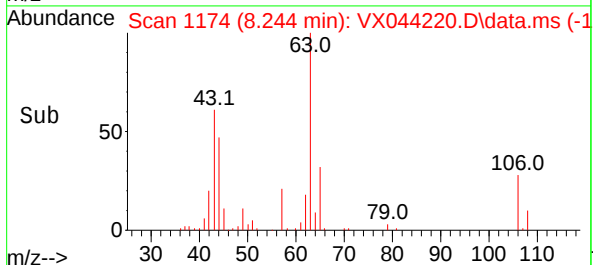
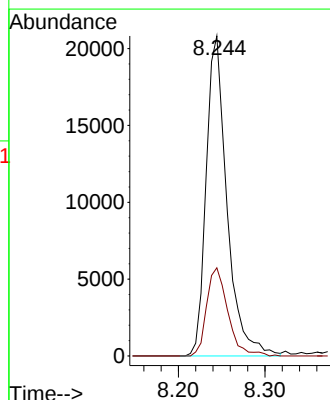
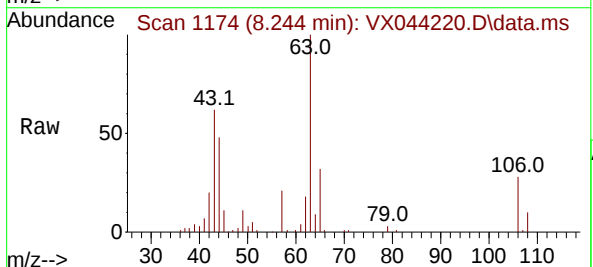
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

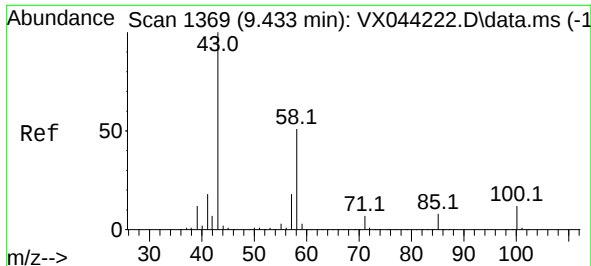
Tgt Ion: 76 Resp: 15352
Ion Ratio Lower Upper
76 100
78 33.3 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 24.852 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 63 Resp: 34738
Ion Ratio Lower Upper
63 100
106 28.1 22.8 34.2





#59

2-Hexanone

Concen: 23.994 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

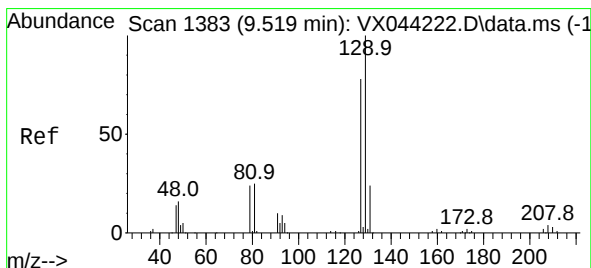
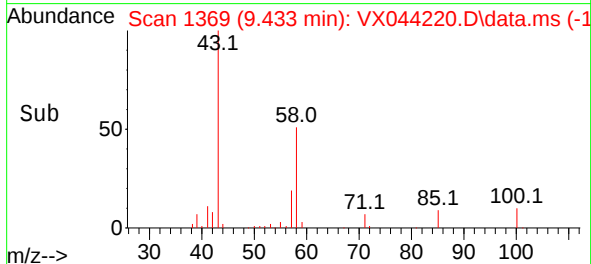
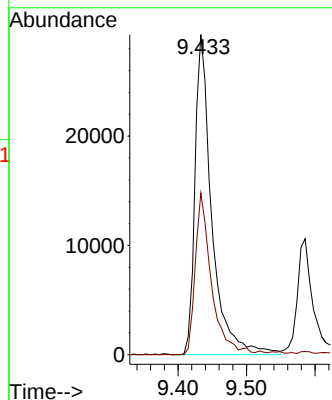
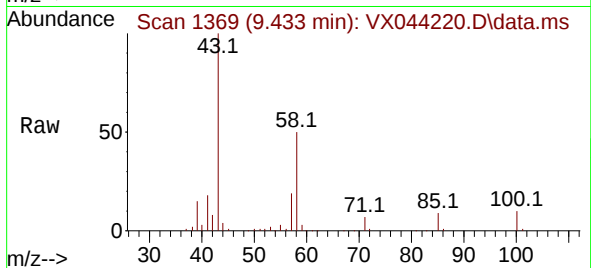
VSTDIC005

Tgt Ion: 43 Resp: 50003

Ion Ratio Lower Upper

43 100

58 48.6 25.7 77.0



#60

Dibromochloromethane

Concen: 4.738 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044220.D

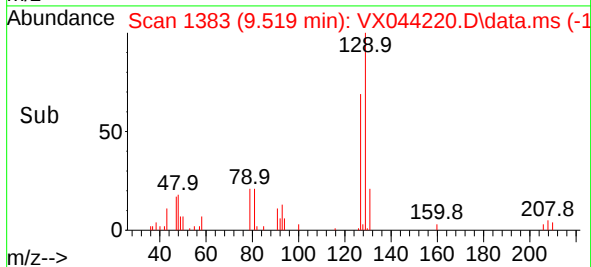
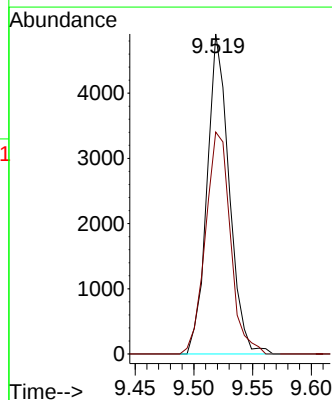
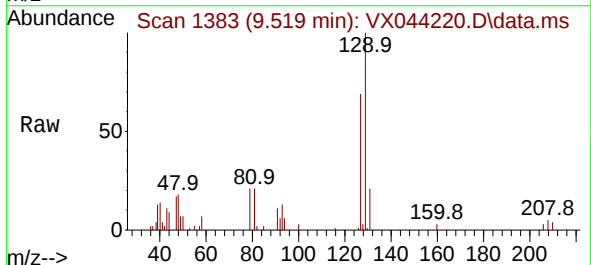
Acq: 11 Dec 2024 11:27

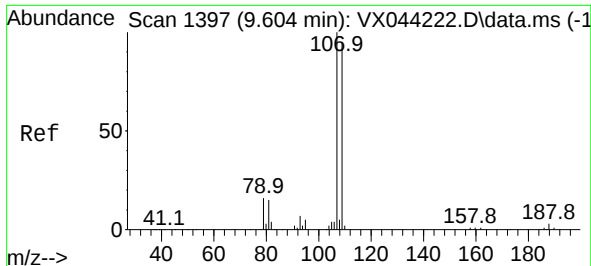
Tgt Ion: 129 Resp: 6411

Ion Ratio Lower Upper

129 100

127 78.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 4.662 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

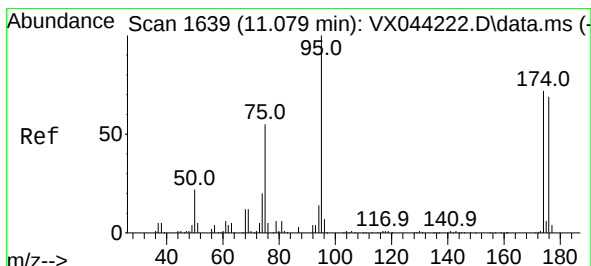
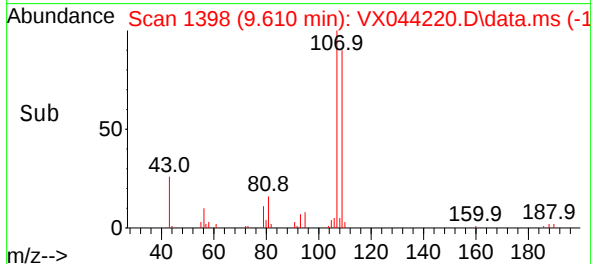
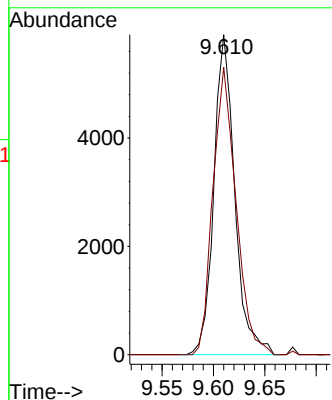
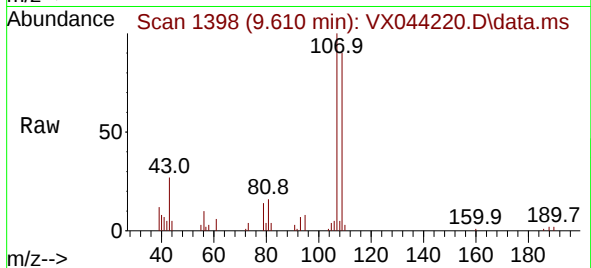
VSTDIC005

Tgt Ion:107 Resp: 8330

Ion Ratio Lower Upper

107 100

109 99.5 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 4.779 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

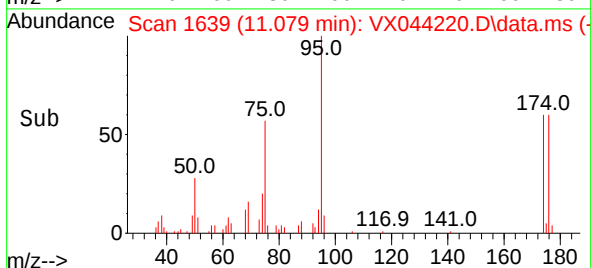
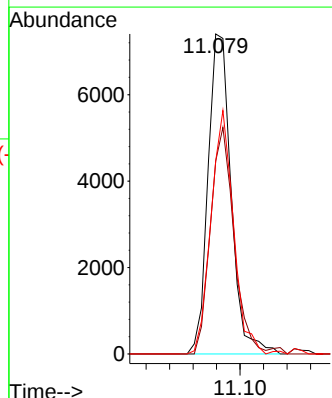
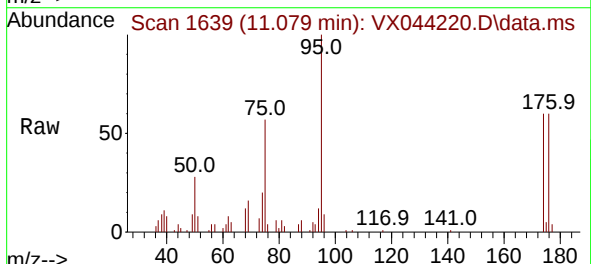
Tgt Ion: 95 Resp: 10101

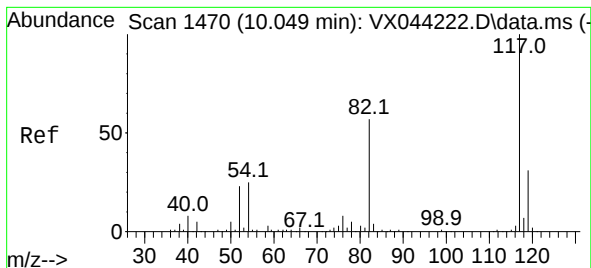
Ion Ratio Lower Upper

95 100

174 72.5 0.0 145.8

176 74.4 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

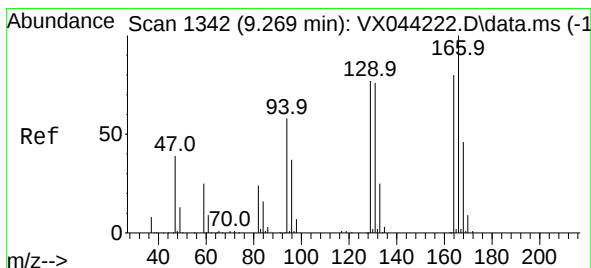
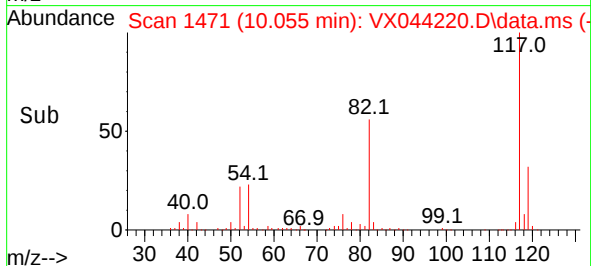
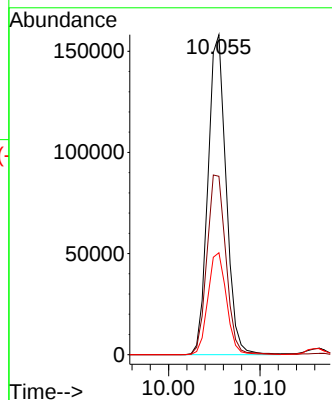
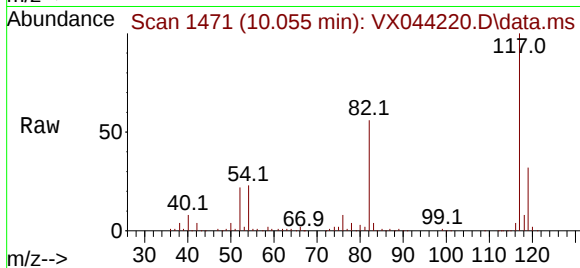
Tgt Ion:117 Resp: 217783

Ion Ratio Lower Upper

117 100

82 55.8 45.8 68.8

119 31.9 25.0 37.4



#64

Tetrachloroethene

Concen: 5.334 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:164 Resp: 7710

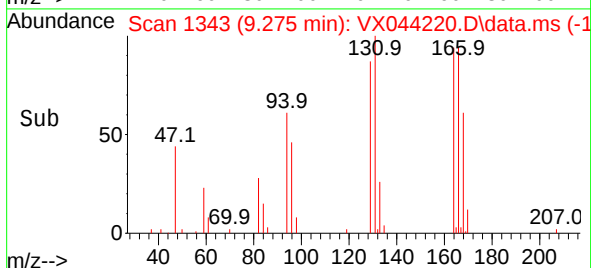
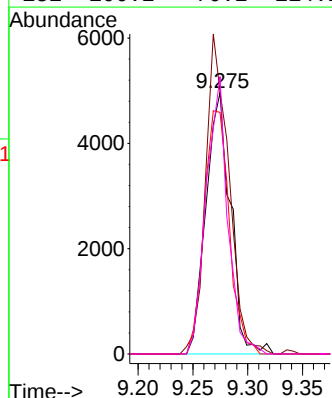
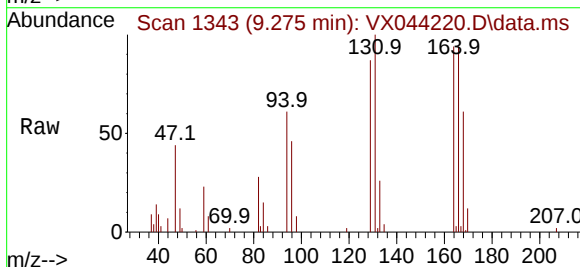
Ion Ratio Lower Upper

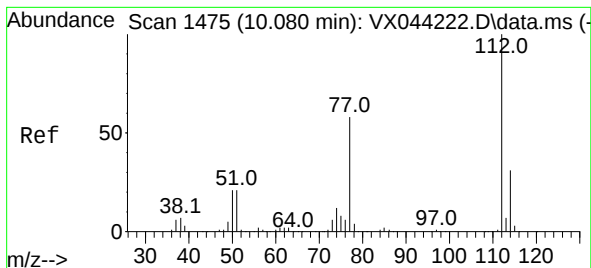
164 100

166 100.3 100.4 150.6#

129 92.5 77.2 115.8

131 106.2 76.2 114.2

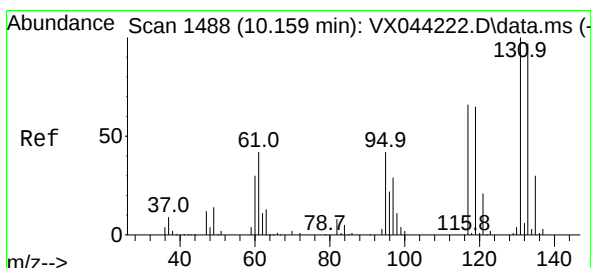
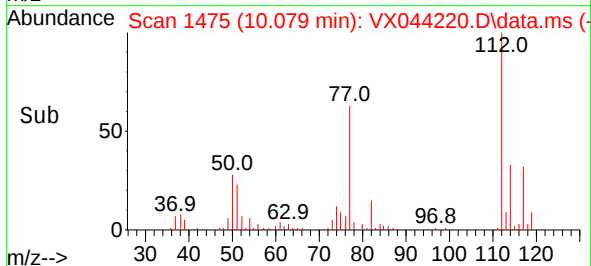
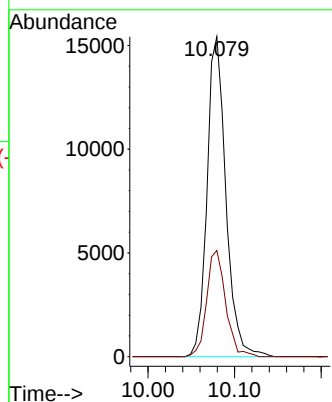
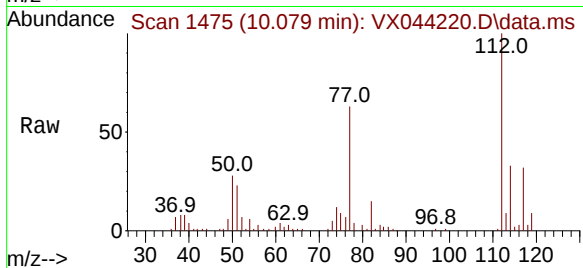




#65
Chlorobenzene
Concen: 4.986 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

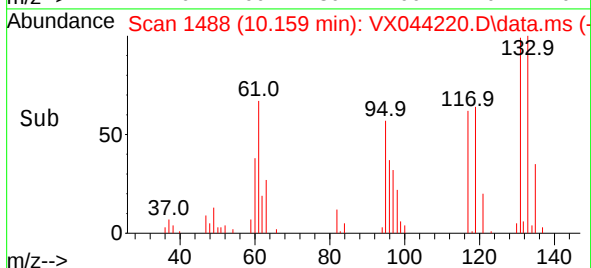
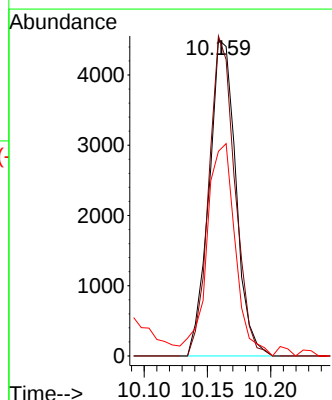
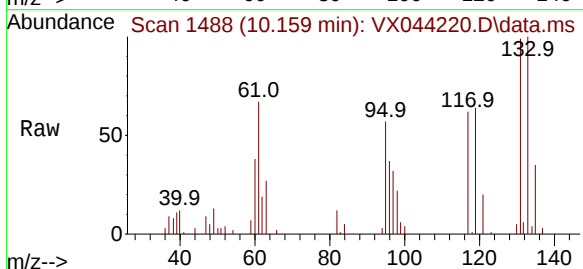
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

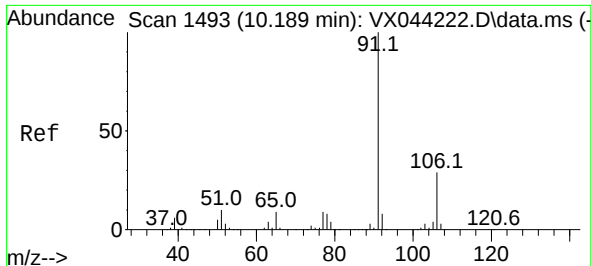
Tgt Ion:112 Resp: 23268
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.432 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:131 Resp: 6647
Ion Ratio Lower Upper
131 100
133 97.7 47.3 141.8
119 70.8 31.6 95.0





#67

Ethyl Benzene

Concen: 4.877 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

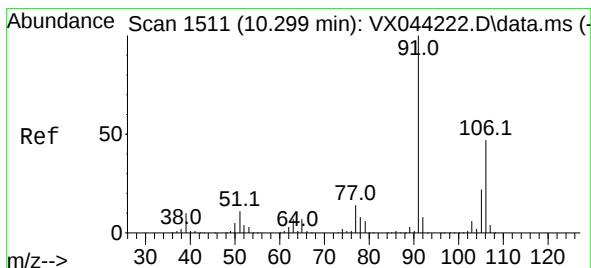
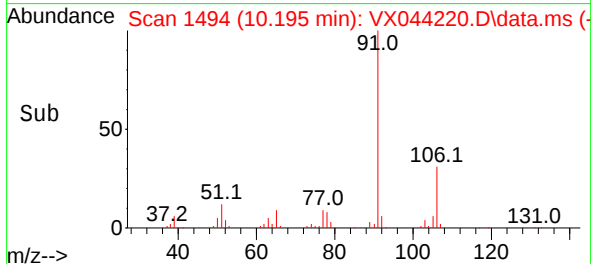
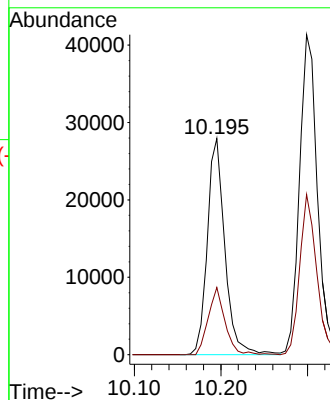
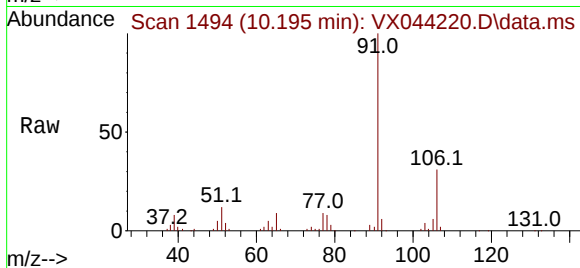
VSTDICC005

Tgt Ion: 91 Resp: 39326

Ion Ratio Lower Upper

91 100

106 31.1 23.5 35.3



#68

m/p-Xylenes

Concen: 9.720 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044220.D

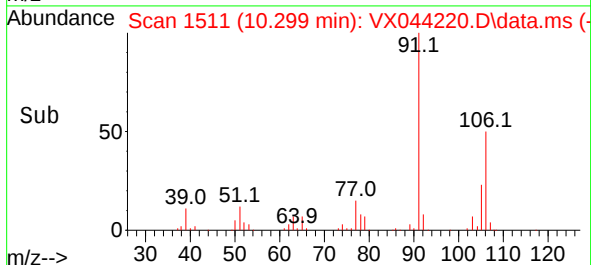
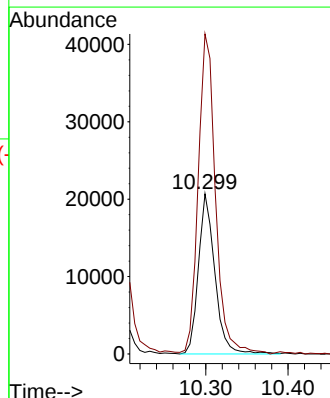
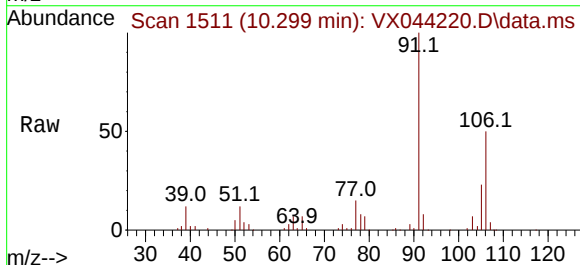
Acq: 11 Dec 2024 11:27

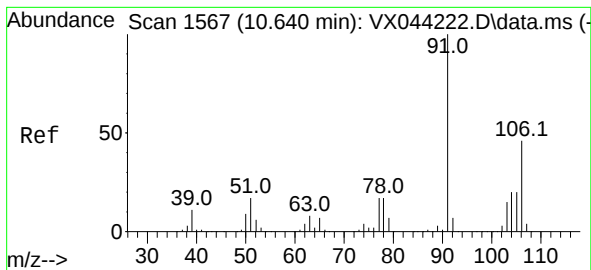
Tgt Ion:106 Resp: 28758

Ion Ratio Lower Upper

106 100

91 210.2 170.2 255.2





#69

o-Xylene

Concen: 4.965 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

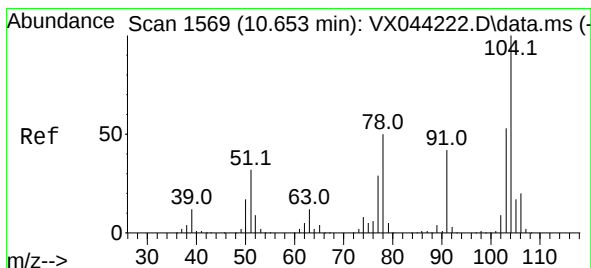
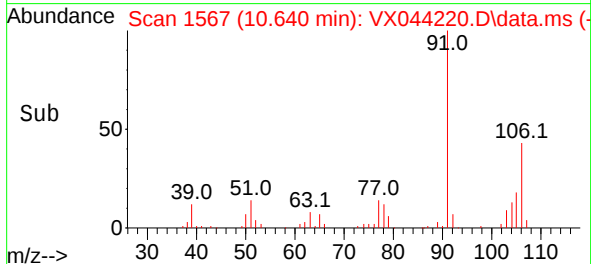
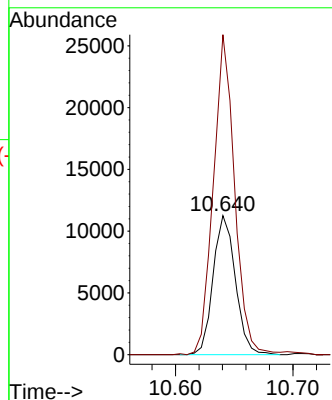
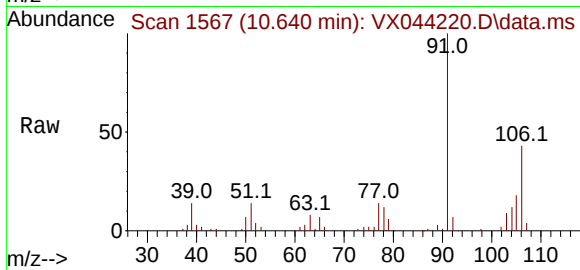
VSTDIC005

Tgt Ion:106 Resp: 14864

Ion Ratio Lower Upper

106 100

91 219.3 112.3 337.0



#70

Styrene

Concen: 4.624 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

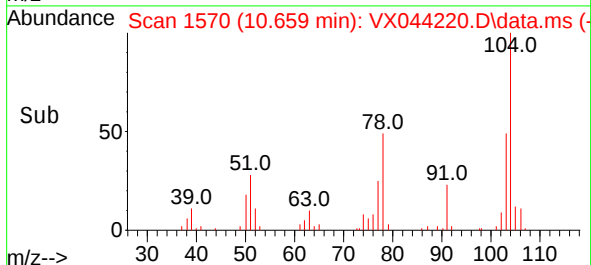
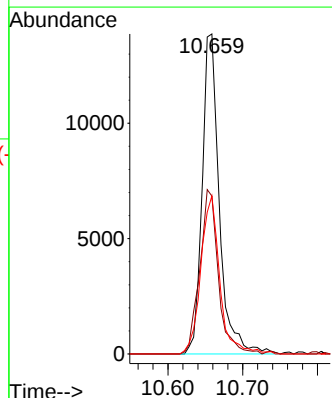
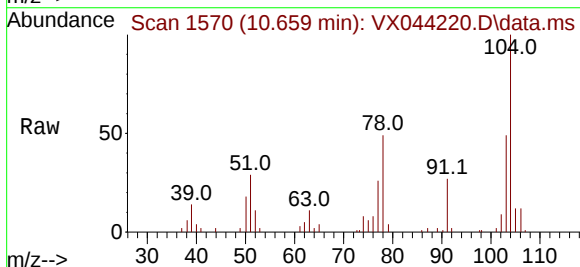
Tgt Ion:104 Resp: 22191

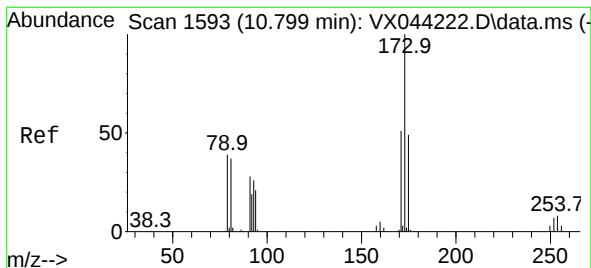
Ion Ratio Lower Upper

104 100

78 55.5 44.6 67.0

103 54.6 45.4 68.0





#71

Bromoform

Concen: 5.118 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

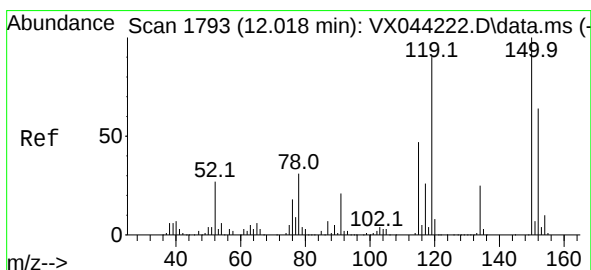
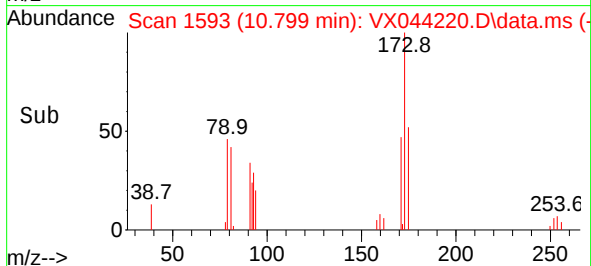
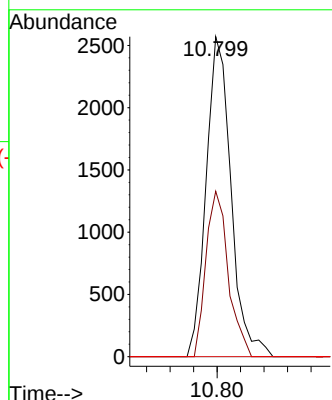
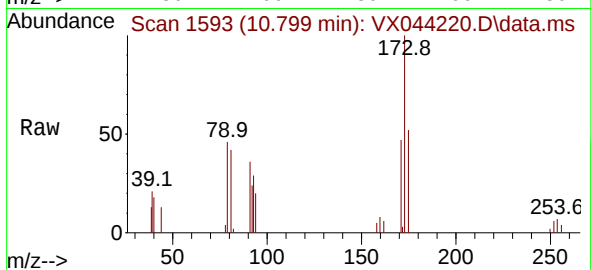
Tgt Ion:173 Resp: 3775

Ion Ratio Lower Upper

173 100

175 46.3 23.8 71.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

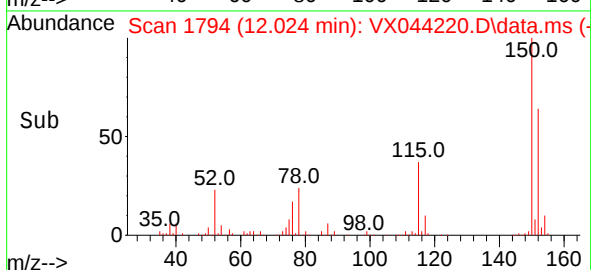
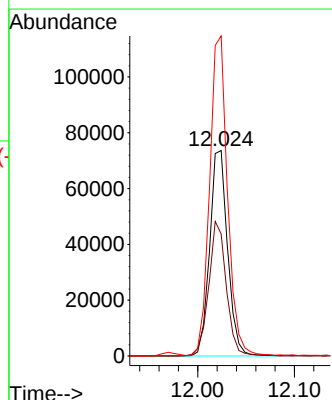
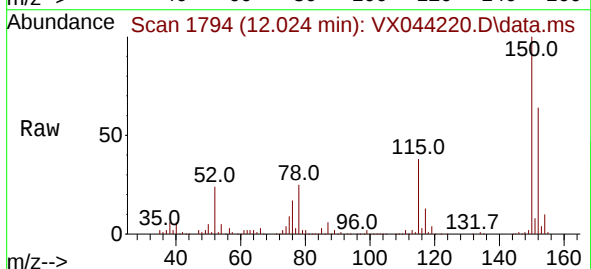
Tgt Ion:152 Resp: 95175

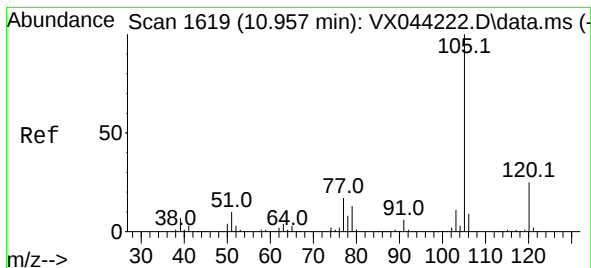
Ion Ratio Lower Upper

152 100

115 64.2 44.5 133.3

150 154.3 0.0 353.8





#73

Isopropylbenzene

Concen: 5.194 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

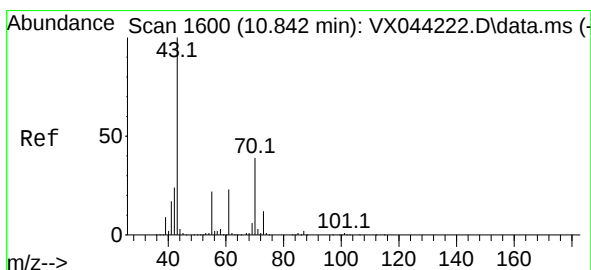
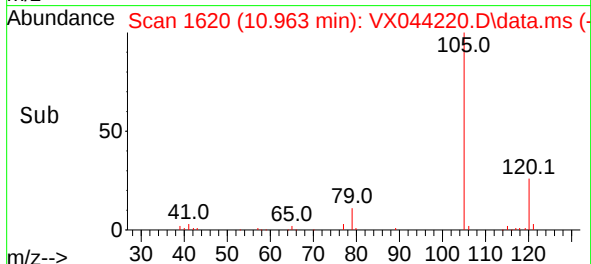
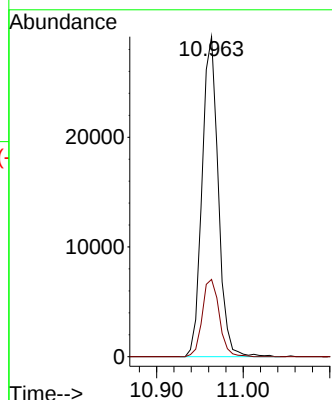
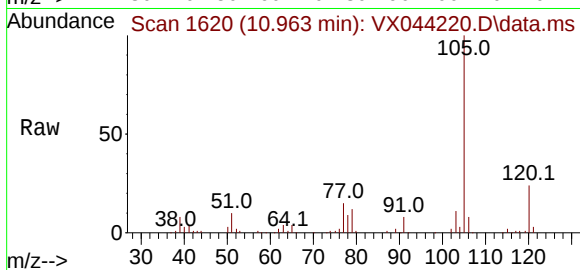
VSTDIC005

Tgt Ion:105 Resp: 37843

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.3



#74

N-ethyl acetate

Concen: 4.579 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion: 43 Resp: 15418

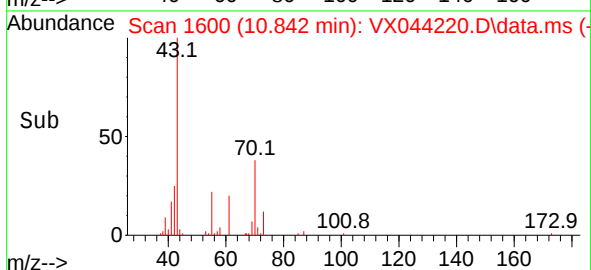
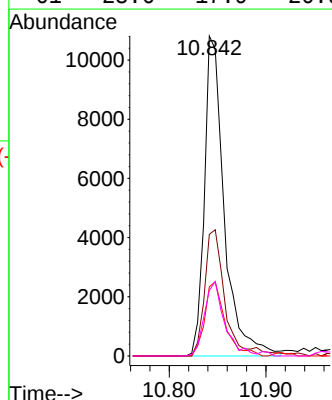
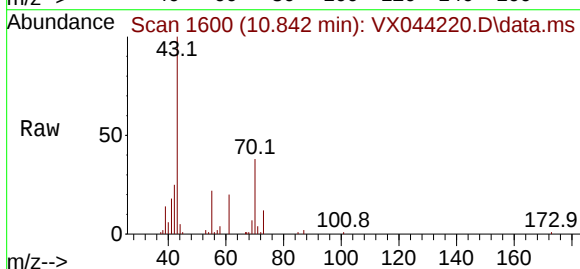
Ion Ratio Lower Upper

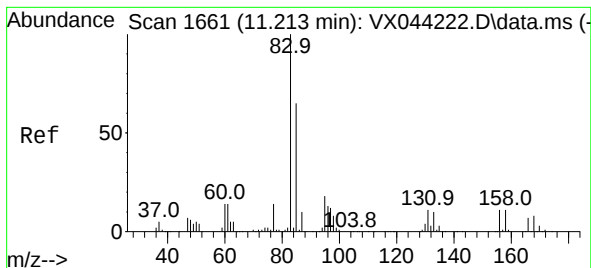
43 100

70 41.2 31.9 47.9

55 23.7 17.9 26.9

61 23.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.077 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

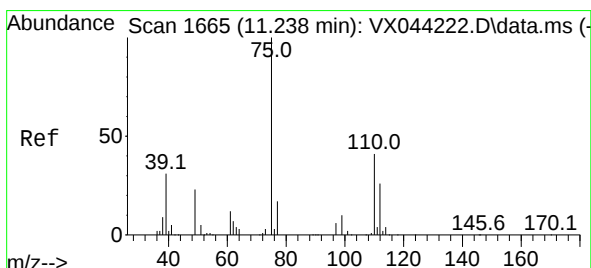
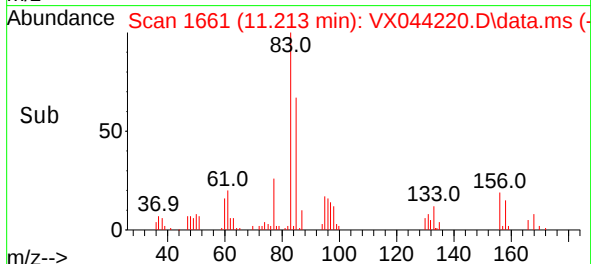
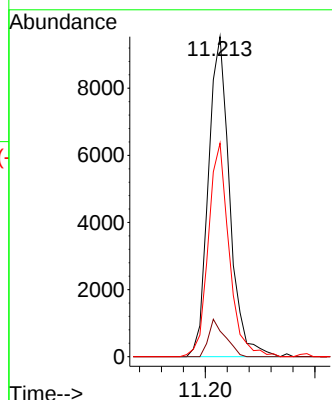
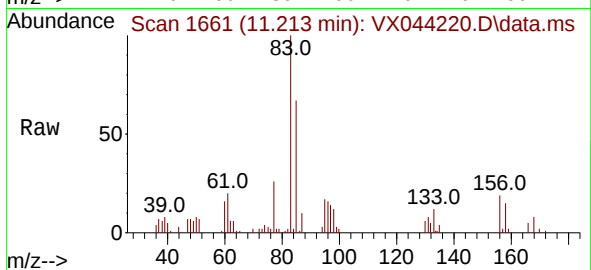
Tgt Ion: 83 Resp: 12848

Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.4

85 65.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 5.974 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044220.D

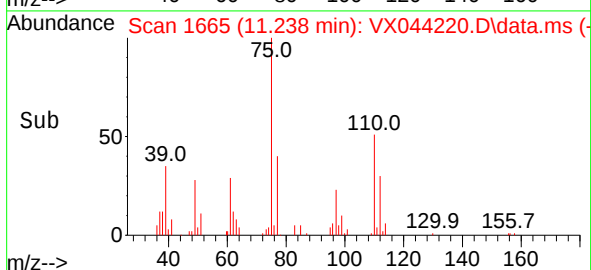
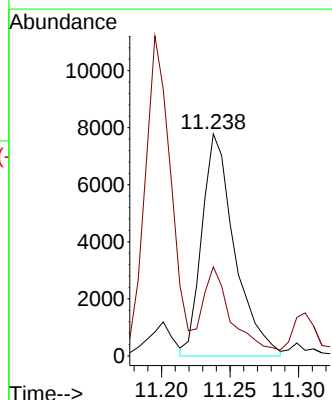
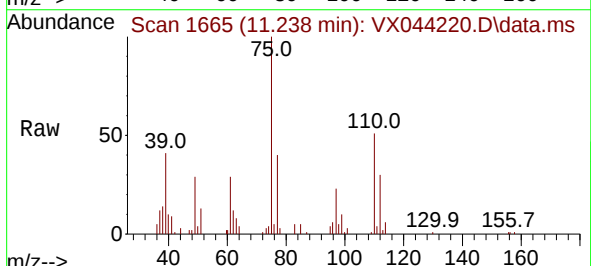
Acq: 11 Dec 2024 11:27

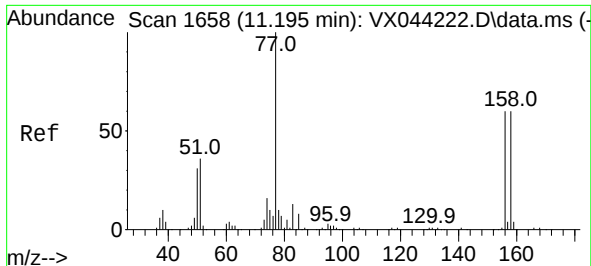
Tgt Ion: 75 Resp: 12901

Ion Ratio Lower Upper

75 100

77 36.0 20.9 62.7

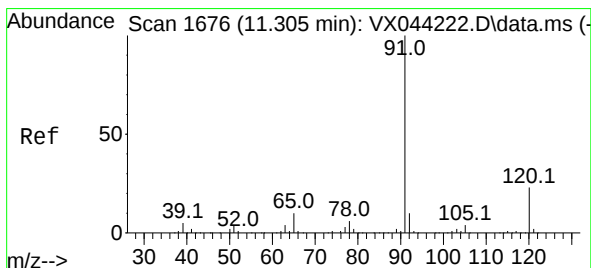
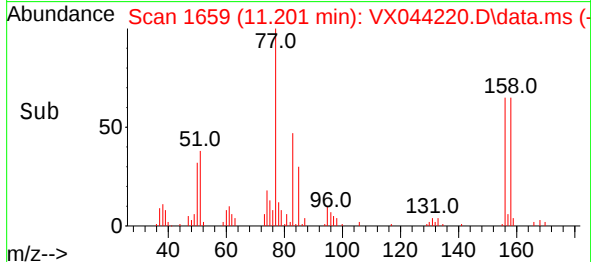
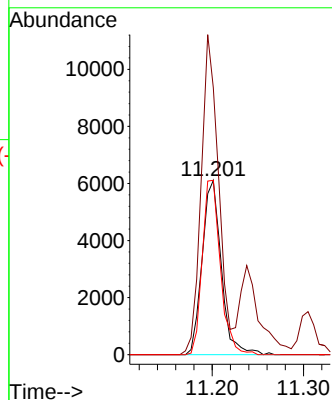
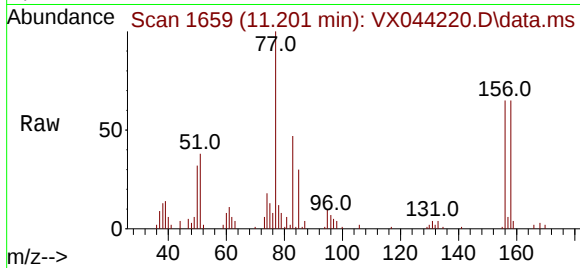




#77
Bromobenzene
Concen: 5.033 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

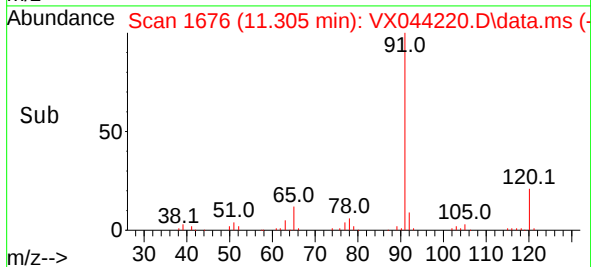
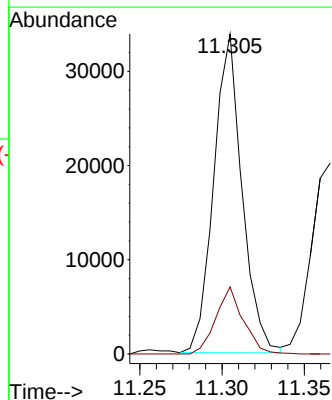
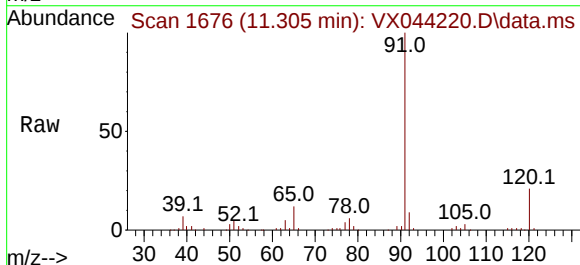
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

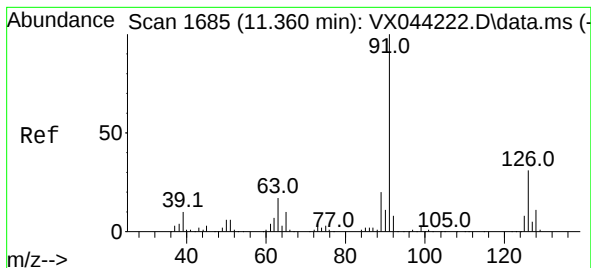
Tgt Ion:156 Resp: 8892
Ion Ratio Lower Upper
156 100
77 165.4 82.6 247.8
158 94.7 48.8 146.4



#78
n-propylbenzene
Concen: 5.038 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 40574
Ion Ratio Lower Upper
91 100
120 20.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 5.203 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

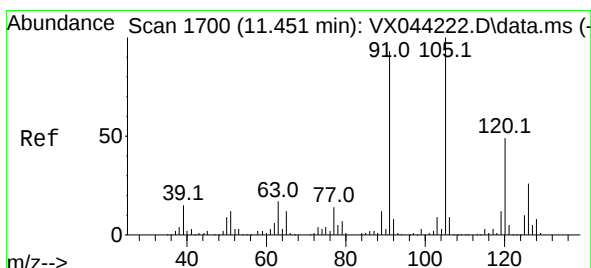
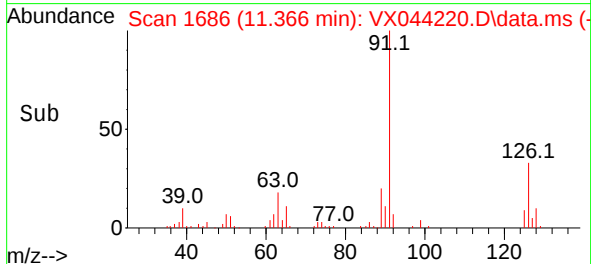
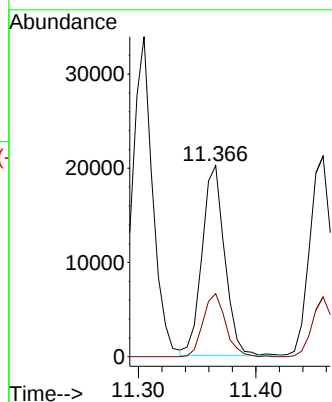
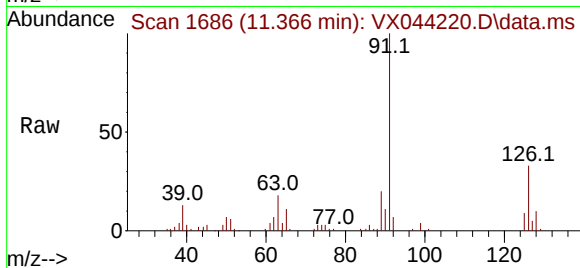
VSTDICC005

Tgt Ion: 91 Resp: 27096

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 5.075 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044220.D

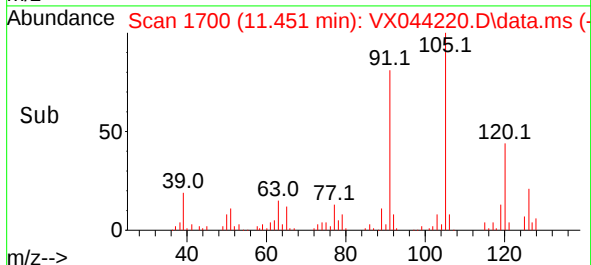
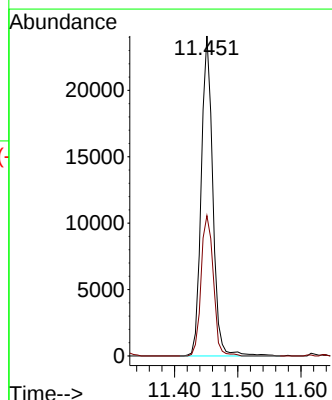
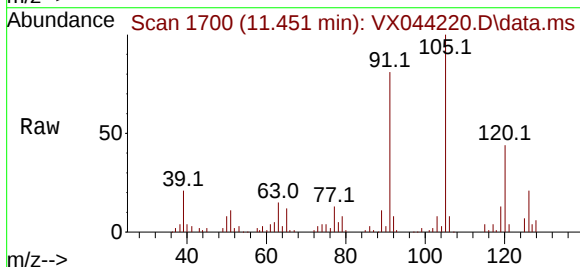
Acq: 11 Dec 2024 11:27

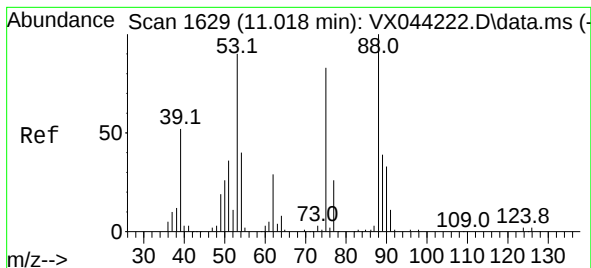
Tgt Ion:105 Resp: 30665

Ion Ratio Lower Upper

105 100

120 46.6 23.8 71.4

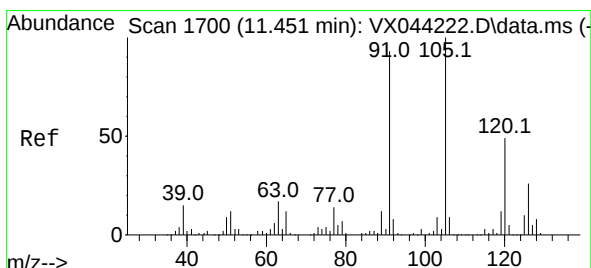
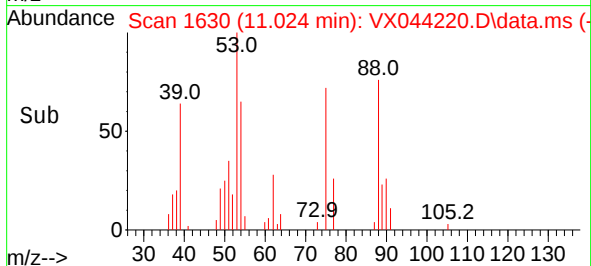
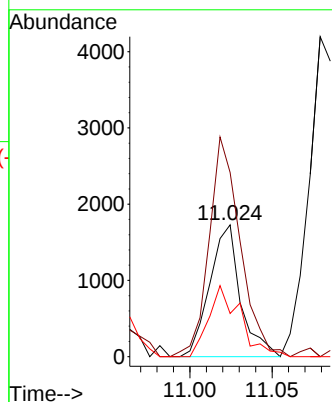
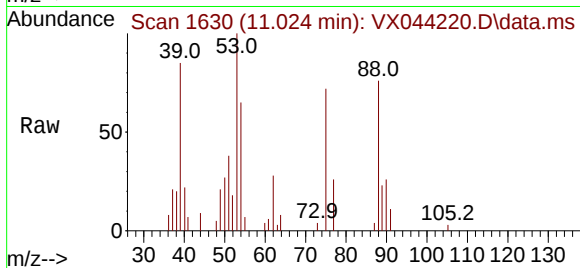




#81
trans-1,4-Dichloro-2-butene
Concen: 8.273 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

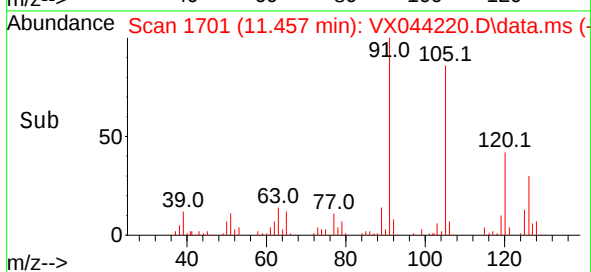
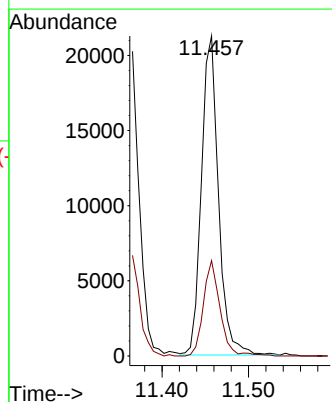
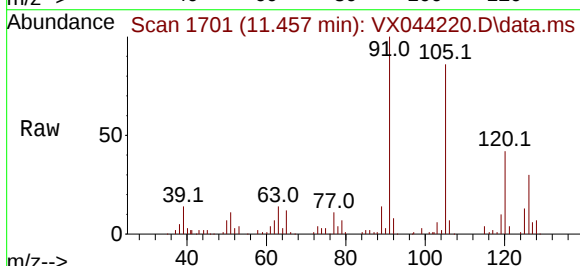
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

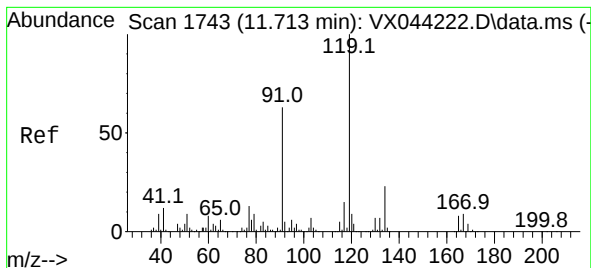
Tgt Ion: 75 Resp: 2249
Ion Ratio Lower Upper
75 100
53 168.9 93.6 140.4#
89 55.5 37.3 55.9



#82
4-Chlorotoluene
Concen: 5.035 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion: 91 Resp: 29039
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.5





#83

tert-Butylbenzene

Concen: 4.904 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

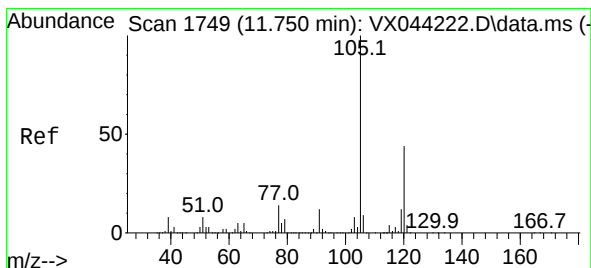
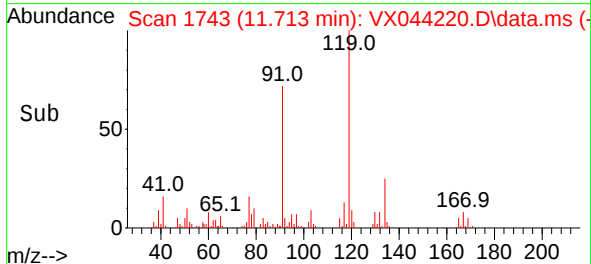
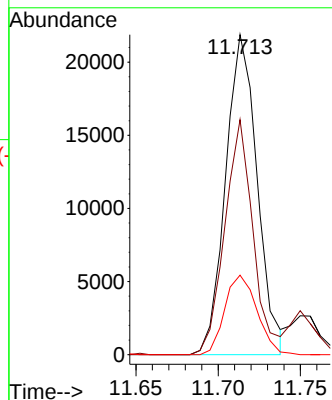
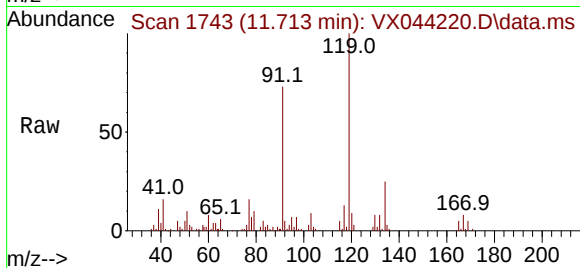
Tgt Ion:119 Resp: 29283

Ion Ratio Lower Upper

119 100

91 65.9 30.9 92.5

134 25.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 5.219 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044220.D

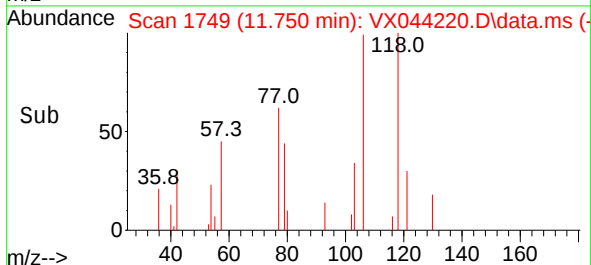
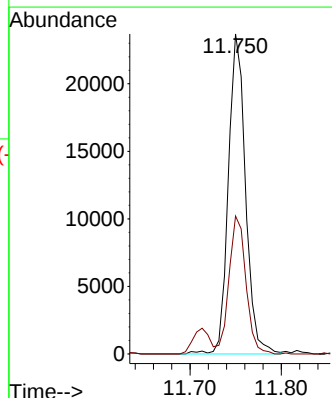
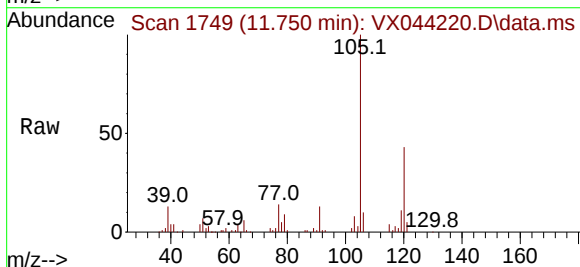
Acq: 11 Dec 2024 11:27

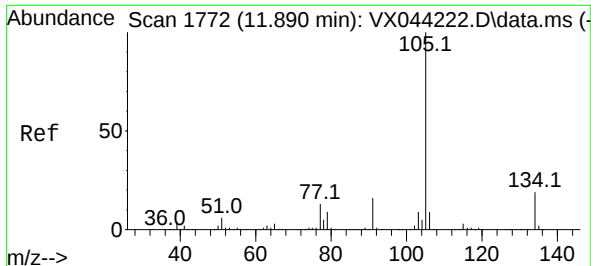
Tgt Ion:105 Resp: 30970

Ion Ratio Lower Upper

105 100

120 42.6 21.7 65.1

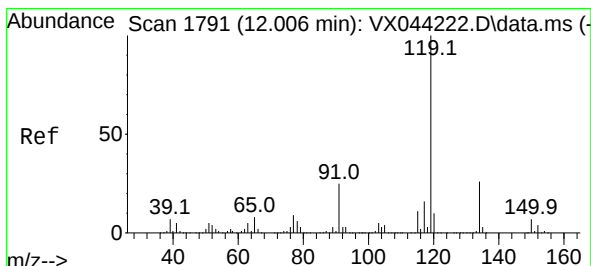
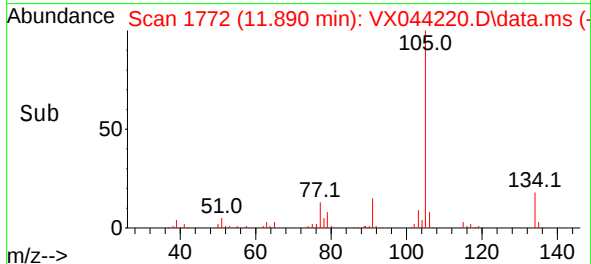
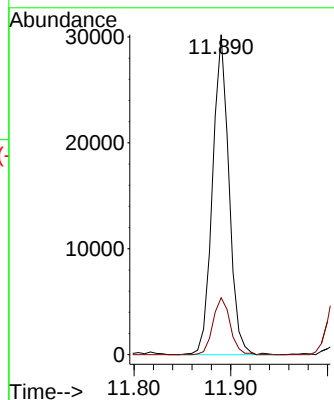
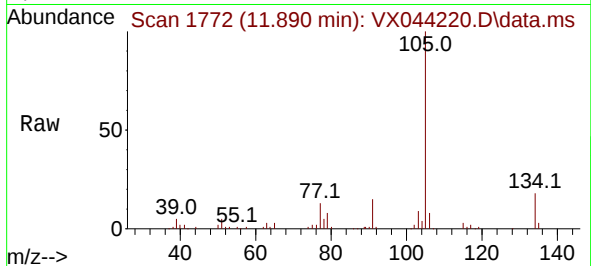




#85
sec-Butylbenzene
Concen: 4.921 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

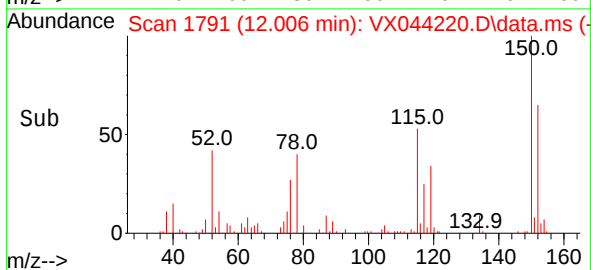
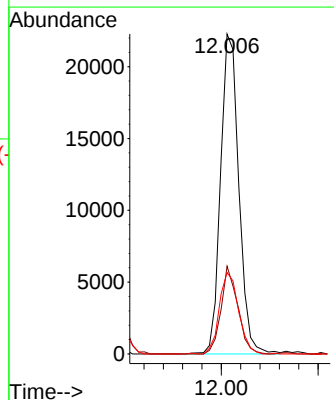
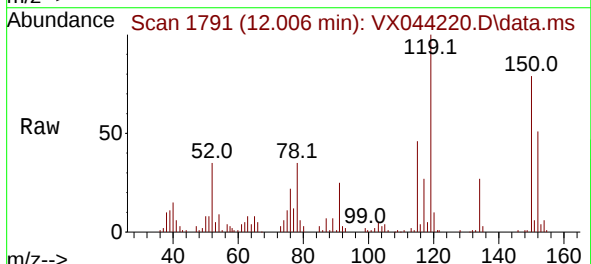
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

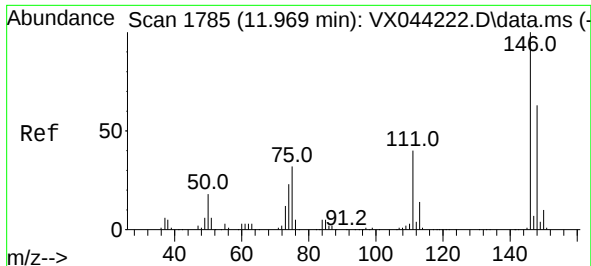
Tgt Ion:105 Resp: 35670
Ion Ratio Lower Upper
105 100
134 18.6 9.8 29.4



#86
p-Isopropyltoluene
Concen: 4.828 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044220.D
Acq: 11 Dec 2024 11:27

Tgt Ion:119 Resp: 29132
Ion Ratio Lower Upper
119 100
134 25.1 12.8 38.4
91 26.9 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 5.039 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

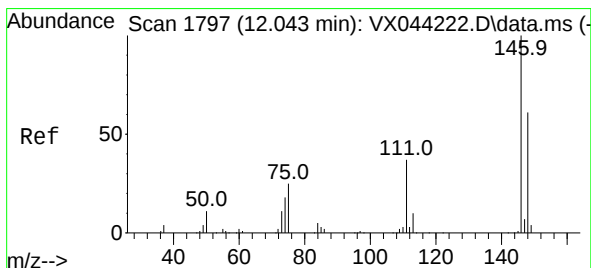
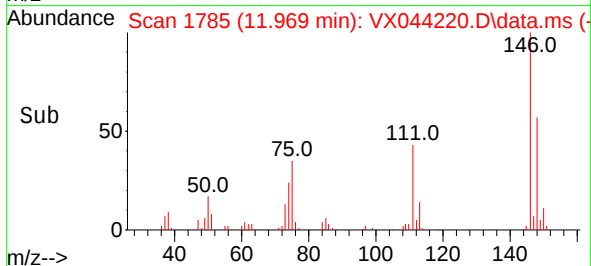
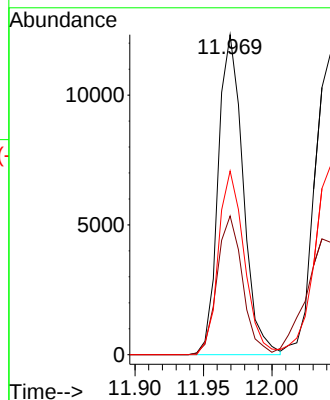
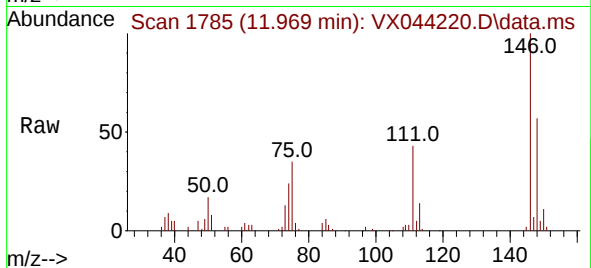
Tgt Ion:146 Resp: 15553

Ion Ratio Lower Upper

146 100

111 44.5 21.4 64.2

148 60.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 4.920 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

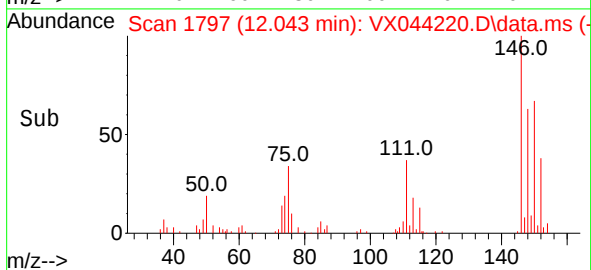
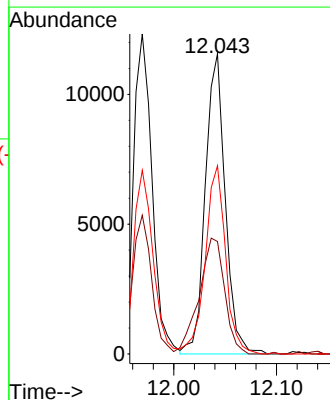
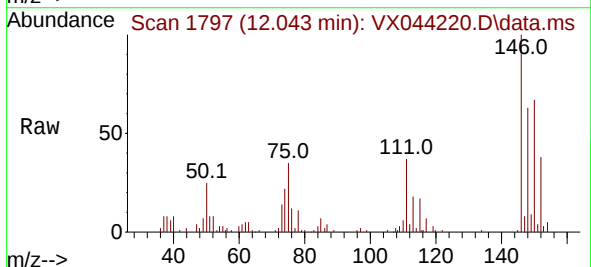
Tgt Ion:146 Resp: 15609

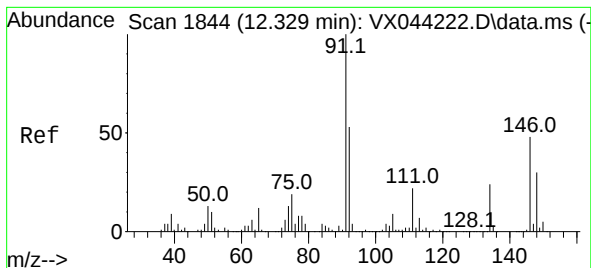
Ion Ratio Lower Upper

146 100

111 49.5 21.0 63.0

148 64.1 32.3 96.8





#89

n-Butylbenzene

Concen: 4.478 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

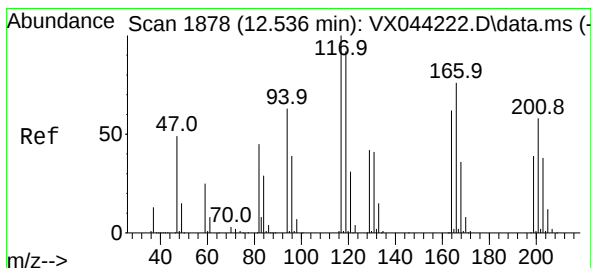
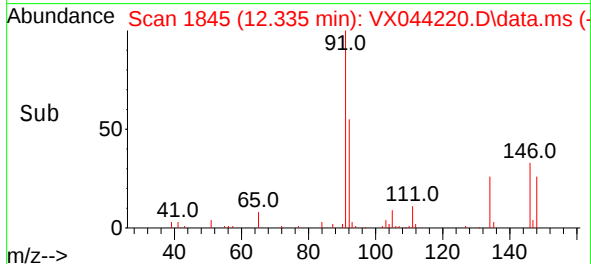
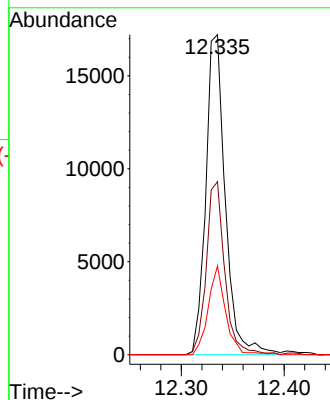
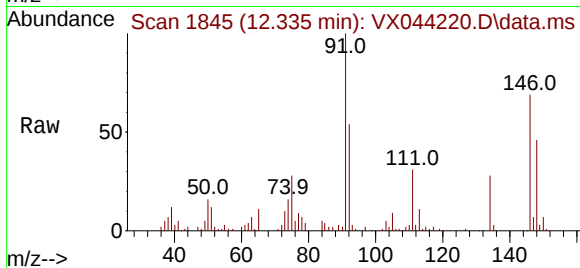
Tgt Ion: 91 Resp: 22719

Ion Ratio Lower Upper

91 100

92 51.1 26.6 79.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 4.275 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044220.D

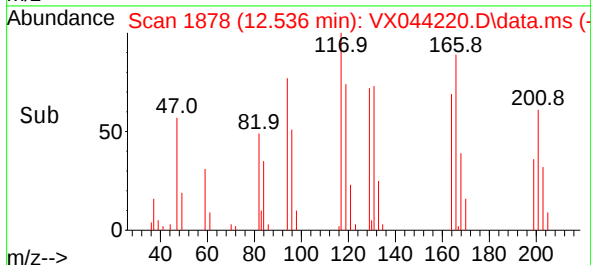
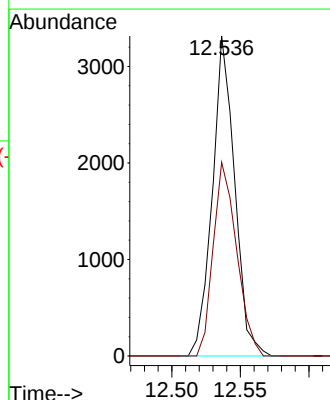
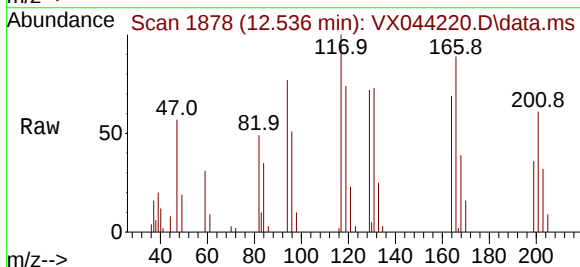
Acq: 11 Dec 2024 11:27

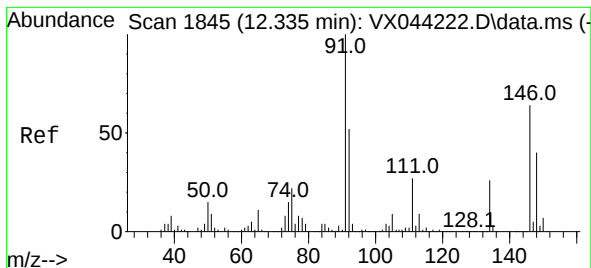
Tgt Ion: 117 Resp: 3765

Ion Ratio Lower Upper

117 100

201 63.5 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 4.949 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

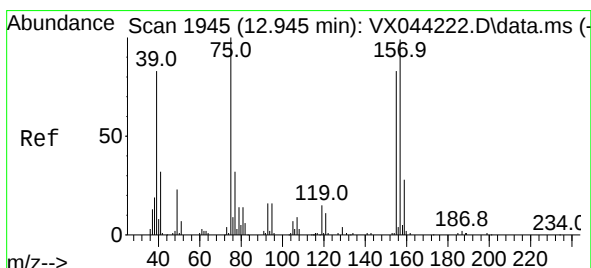
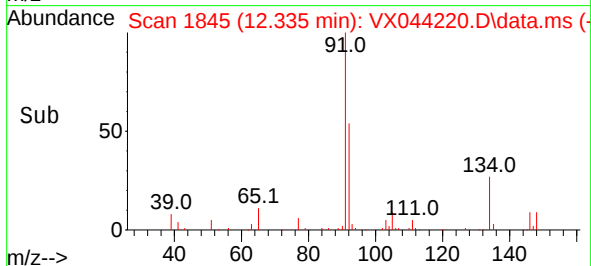
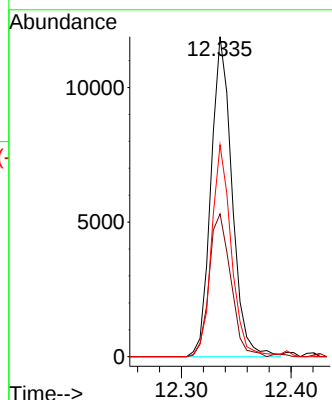
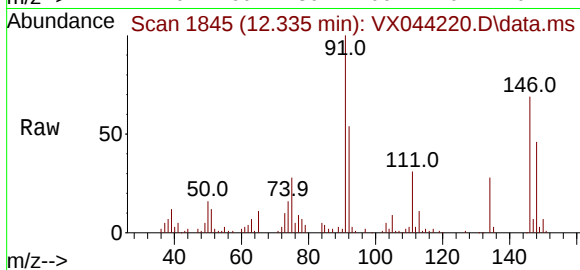
Tgt Ion:146 Resp: 15858

Ion Ratio Lower Upper

146 100

111 45.8 21.4 64.3

148 62.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.385 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

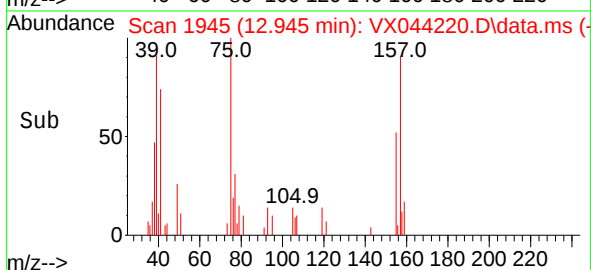
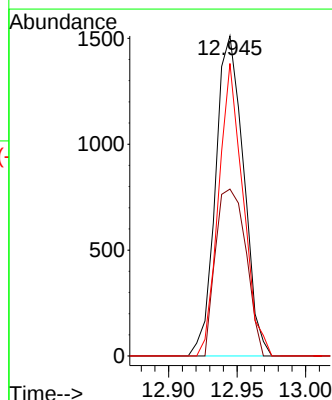
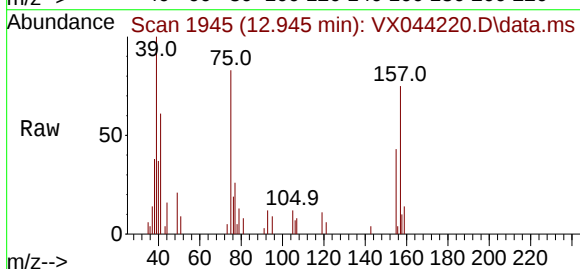
Tgt Ion: 75 Resp: 2154

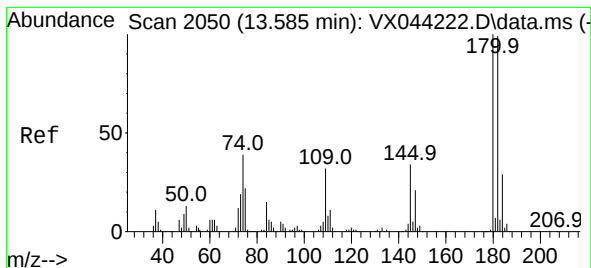
Ion Ratio Lower Upper

75 100

155 56.5 38.1 114.3

157 79.4 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 4.478 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

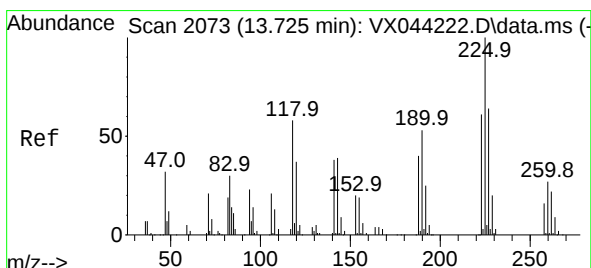
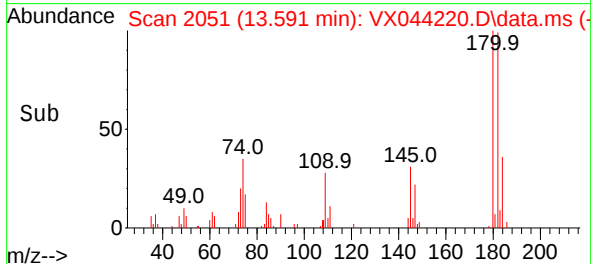
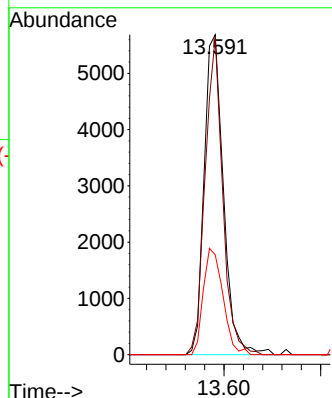
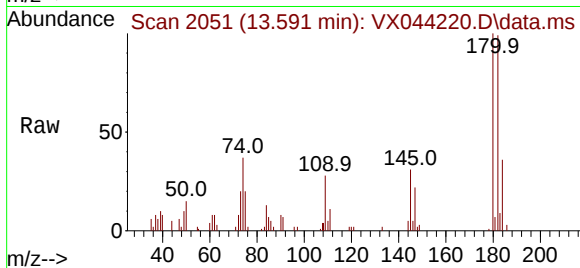
Tgt Ion:180 Resp: 7867

Ion Ratio Lower Upper

180 100

182 90.8 48.0 144.2

145 33.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 4.700 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

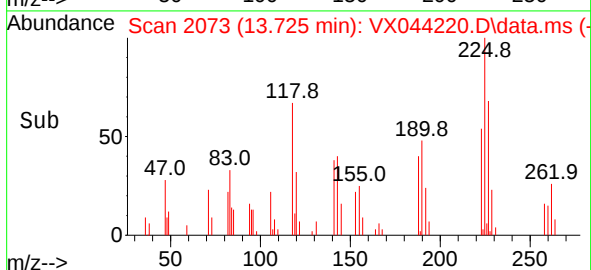
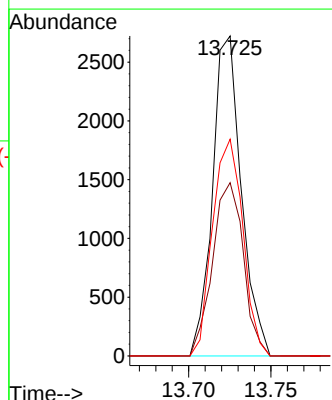
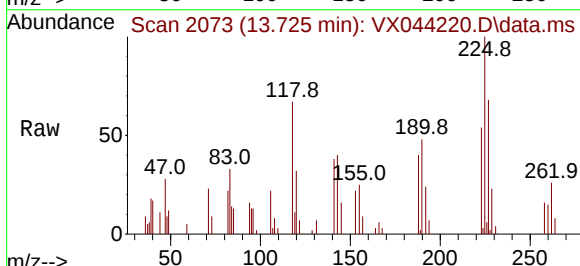
Tgt Ion:225 Resp: 3321

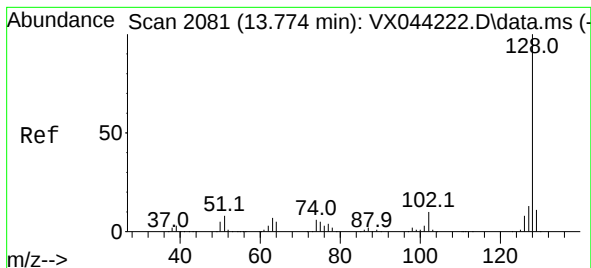
Ion Ratio Lower Upper

225 100

223 57.9 30.8 92.4

227 71.2 32.1 96.3





#95

Naphthalene

Concen: 4.643 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

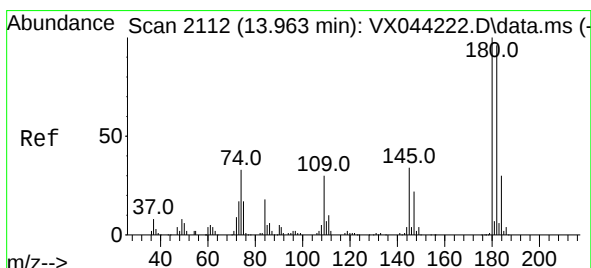
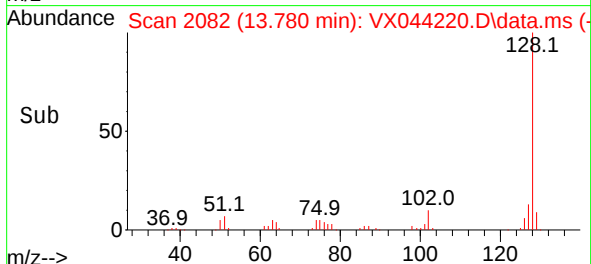
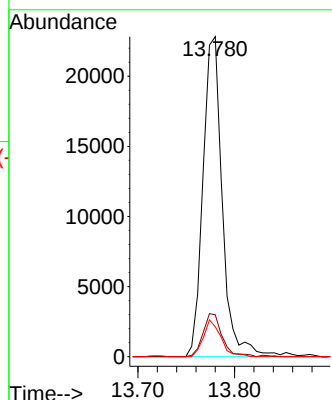
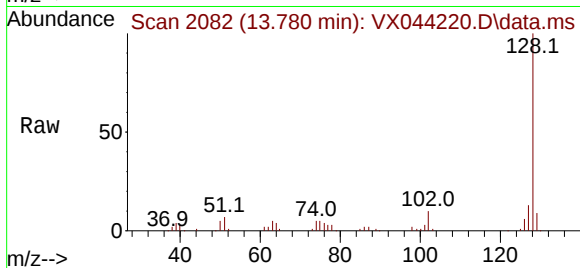
Tgt Ion:128 Resp: 31842

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.3 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 4.520 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044220.D

Acq: 11 Dec 2024 11:27

Tgt Ion:180 Resp: 8422

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 35.2 17.7 53.1

