

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044597.D
 Acq On : 07 Jan 2025 10:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 08 02:27:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	328814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17286	5.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.400%#
35) Dibromofluoromethane	5.391	113	11648	5.166	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.340%#
50) Toluene-d8	8.647	98	39205	5.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.180%#
62) 4-Bromofluorobenzene	11.079	95	13290	4.889	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.780%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	13312	4.891	ug/l	98
3) Chloromethane	1.294	50	14940	5.508	ug/l	90
4) Vinyl Chloride	1.374	62	13242	5.204	ug/l	92
5) Bromomethane	1.599	94	7148	5.423	ug/l	98
6) Chloroethane	1.666	64	6970	5.160	ug/l	89
7) Trichlorofluoromethane	1.874	101	19516	5.151	ug/l	99
8) Diethyl Ether	2.130	74	6099	4.556	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	11029	5.077	ug/l	95
10) Methyl Iodide	2.447	142	15781	5.210	ug/l	91
11) Tert butyl alcohol	3.001	59	10600	28.381	ug/l	99
12) 1,1-Dichloroethene	2.312	96	11046	5.249	ug/l	86
13) Acrolein	2.233	56	12556	25.426	ug/l	99
14) Allyl chloride	2.660	41	17002	4.858	ug/l	92
15) Acrylonitrile	3.068	53	28298	26.307	ug/l	100
16) Acetone	2.380	43	20234	21.165	ug/l	93
17) Carbon Disulfide	2.501	76	19658	4.517	ug/l	99
18) Methyl Acetate	2.703	43	15024	5.325	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	37226	5.162	ug/l	99
20) Methylene Chloride	2.788	84	12356	5.066	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	10897	5.045	ug/l	97
22) Diisopropyl ether	3.757	45	39202	5.449	ug/l #	83
23) Vinyl Acetate	3.721	43	144231	24.790	ug/l	100
24) 1,1-Dichloroethane	3.605	63	22208	5.297	ug/l	99
25) 2-Butanone	4.562	43	36925	26.760	ug/l	95
26) 2,2-Dichloropropane	4.458	77	18007	4.968	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	14357	5.451	ug/l	91
28) Bromochloromethane	4.891	49	10190	5.222	ug/l #	15
29) Tetrahydrofuran	5.007	42	25119	26.583	ug/l	99
30) Chloroform	5.086	83	24763	5.479	ug/l	100
31) Cyclohexane	5.464	56	17152	4.983	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	19887	5.229	ug/l	97
36) 1,1-Dichloropropene	5.684	75	15012	5.149	ug/l #	82
37) Ethyl Acetate	4.721	43	14899	4.999	ug/l	98
38) Carbon Tetrachloride	5.666	117	15014	4.641	ug/l	98
39) Methylcyclohexane	7.373	83	18627	5.007	ug/l	96
40) Benzene	6.031	78	47650	5.191	ug/l	99

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 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 08 02:27:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	8340	5.209	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	19283	5.371	ug/l	100
43) Isopropyl Acetate	6.336	43	24971	5.075	ug/l	98
44) Trichloroethene	7.123	130	11966	5.099	ug/l	91
45) 1,2-Dichloropropane	7.434	63	11185	4.997	ug/l	98
46) Dibromomethane	7.586	93	8827	5.071	ug/l	96
47) Bromodichloromethane	7.818	83	15524	4.901	ug/l	98
48) Methyl methacrylate	7.696	41	11428	4.870	ug/l	95
49) 1,4-Dioxane	7.677	88	3337	96.762	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	74867	26.029	ug/l	98
52) Toluene	8.720	92	28506	5.147	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	13689	4.521	ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	15789	4.640	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	11331	5.218	ug/l	97
56) Ethyl methacrylate	9.122	69	14973	4.741	ug/l	97
57) 1,3-Dichloropropane	9.305	76	19219	5.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	37113	23.707	ug/l	100
59) 2-Hexanone	9.433	43	51047	25.095	ug/l	98
60) Dibromochloromethane	9.518	129	10022	4.629	ug/l	97
61) 1,2-Dibromoethane	9.610	107	11169	5.093	ug/l	96
64) Tetrachloroethene	9.269	164	10421	5.236	ug/l	90
65) Chlorobenzene	10.079	112	30656	5.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	9592	4.834	ug/l	96
67) Ethyl Benzene	10.195	91	52173	5.086	ug/l	97
68) m/p-Xylenes	10.299	106	38109	10.109	ug/l	97
69) o-Xylene	10.640	106	18309	4.812	ug/l	96
70) Styrene	10.659	104	28881	4.745	ug/l	100
71) Bromoform	10.799	173	5635	4.960	ug/l #	98
73) Isopropylbenzene	10.963	105	46634	5.131	ug/l	98
74) N-amyl acetate	10.848	43	18861	5.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16194	5.528	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	15521	6.311	ug/l	95
77) Bromobenzene	11.201	156	11951	5.413	ug/l	94
78) n-propylbenzene	11.305	91	53610	5.237	ug/l	99
79) 2-Chlorotoluene	11.366	91	35356	5.330	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40862	5.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3211	3.975	ug/l #	82
82) 4-Chlorotoluene	11.457	91	39535	5.298	ug/l	95
83) tert-Butylbenzene	11.713	119	39571	5.274	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	37556	4.961	ug/l	97
85) sec-Butylbenzene	11.890	105	47269	5.173	ug/l	99
86) p-Isopropyltoluene	12.006	119	38691	5.046	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20352	5.096	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	21839	5.248	ug/l	95
89) n-Butylbenzene	12.329	91	30630	4.731	ug/l	98
90) Hexachloroethane	12.536	117	5241	4.255	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	20848	5.165	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2550	4.591	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	11030	4.650	ug/l	97
94) Hexachlorobutadiene	13.725	225	4946	5.007	ug/l	95
95) Naphthalene	13.774	128	34693	4.533	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11316	4.667	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

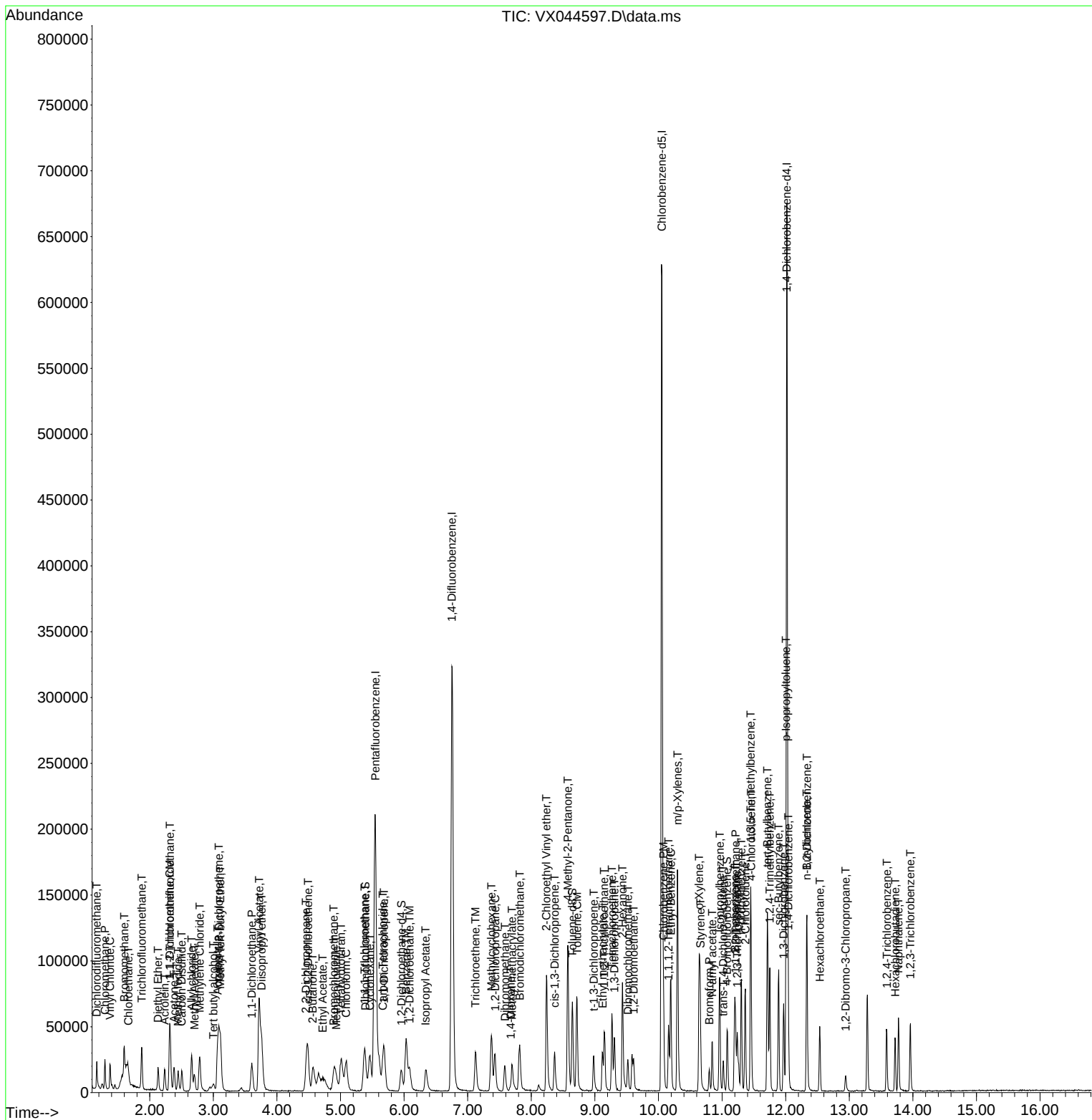
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MSVOA_X
ClientSampleId :
VSTDICC005

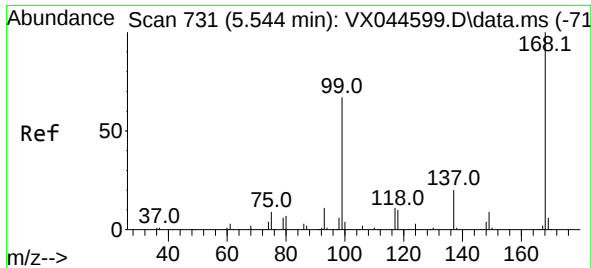
Quant Time: Jan 08 02:27:52 2025
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Quant Title : SW846 8260
QLast Update : Wed Jan 08 02:18:40 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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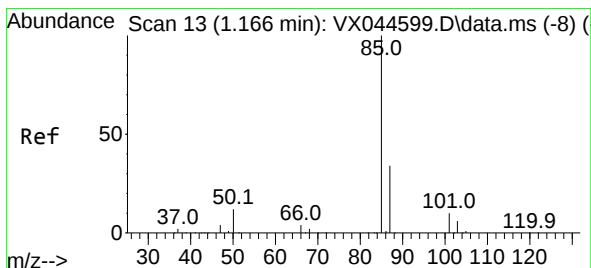
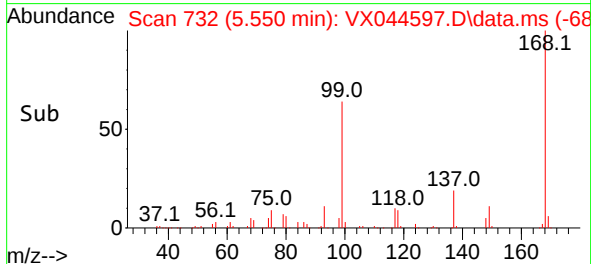
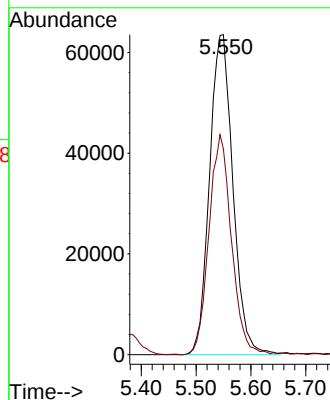
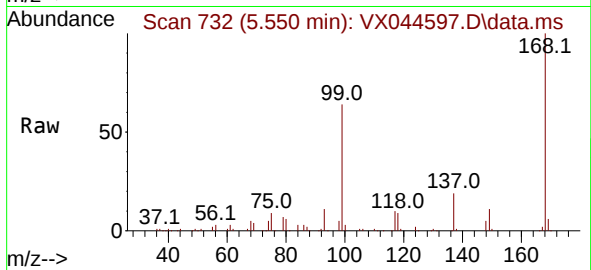




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

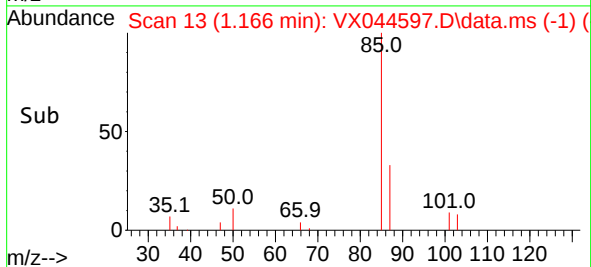
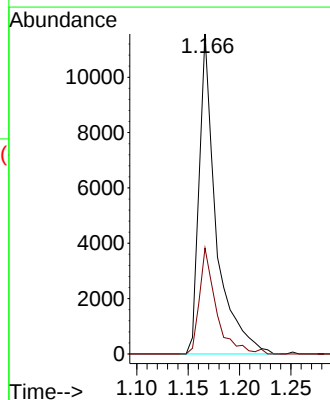
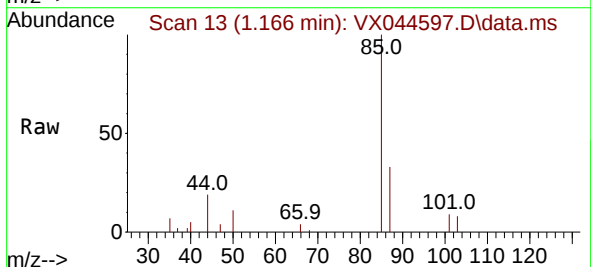
Instrument :
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ClientSampleId :
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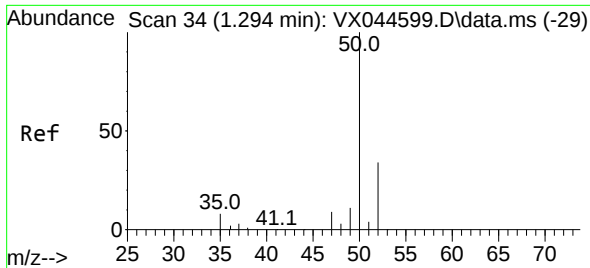
Tgt Ion:168 Resp: 188117
Ion Ratio Lower Upper
168 100
99 64.3 53.5 80.3



#2
Dichlorodifluoromethane
Concen: 4.891 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 85 Resp: 13312
Ion Ratio Lower Upper
85 100
87 33.1 17.2 51.5

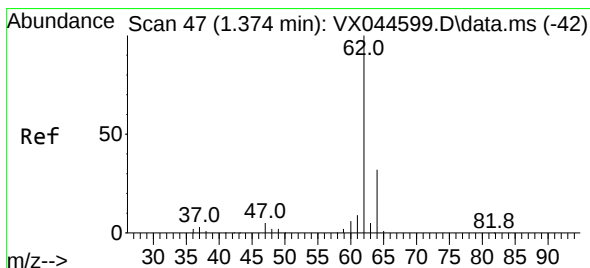
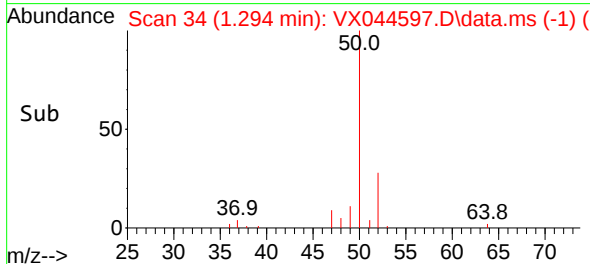
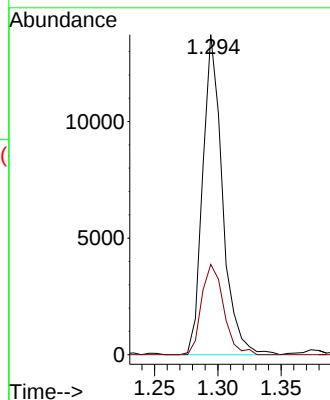
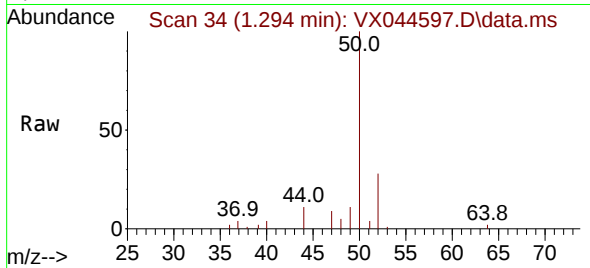




#3
Chloromethane
Concen: 5.508 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

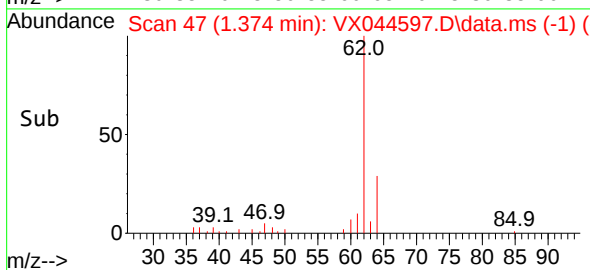
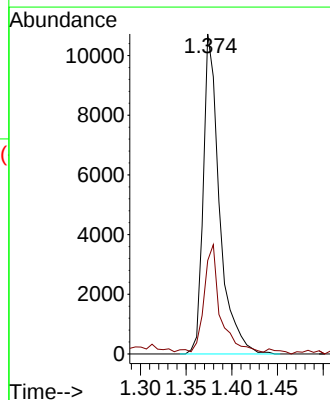
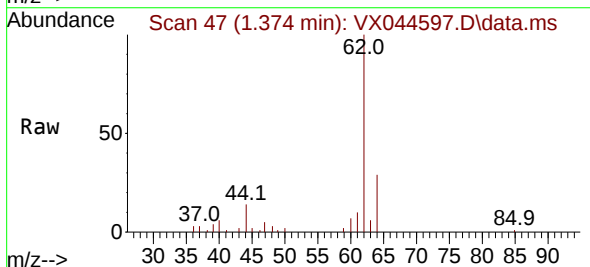
Instrument :
MSVOA_X
ClientSampleId :
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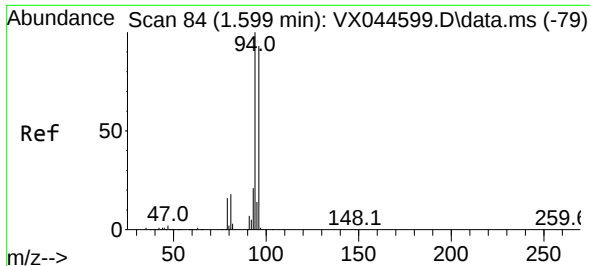
Tgt Ion: 50 Resp: 14940
Ion Ratio Lower Upper
50 100
52 28.2 27.0 40.4



#4
Vinyl Chloride
Concen: 5.204 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 62 Resp: 13242
Ion Ratio Lower Upper
62 100
64 28.2 26.0 39.0

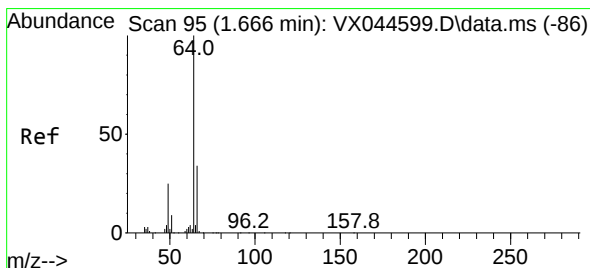
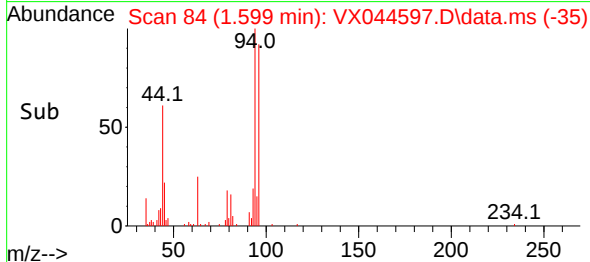
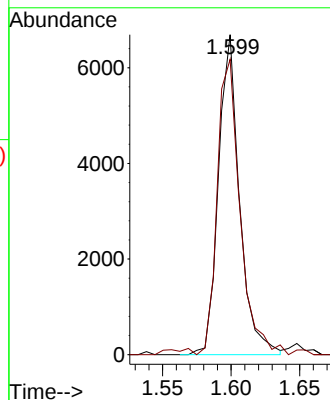
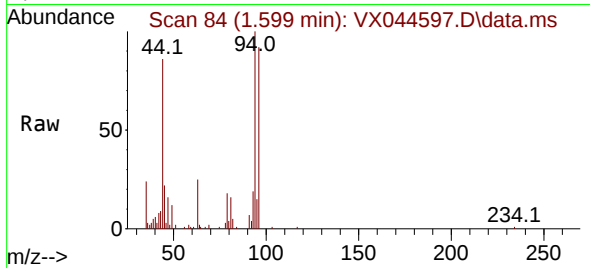




#5
 Bromomethane
 Concen: 5.423 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

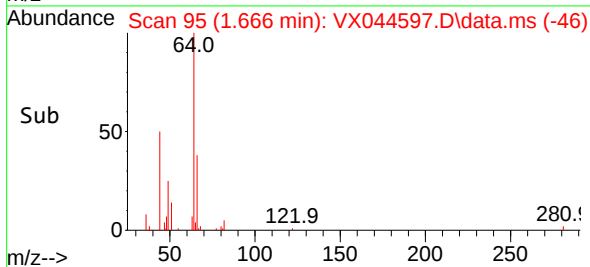
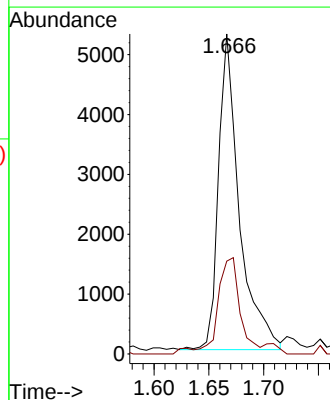
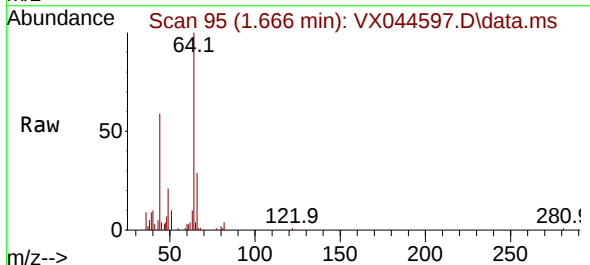
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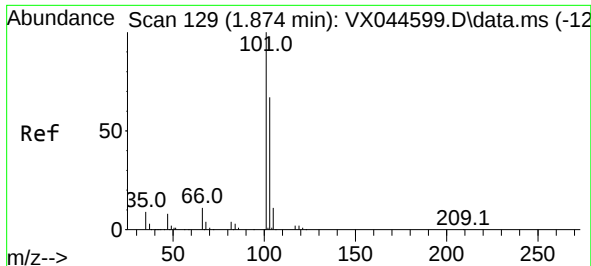
Tgt Ion: 94 Resp: 7148
 Ion Ratio Lower Upper
 94 100
 96 91.3 74.6 112.0



#6
 Chloroethane
 Concen: 5.160 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

Tgt Ion: 64 Resp: 6970
 Ion Ratio Lower Upper
 64 100
 66 27.8 27.3 40.9

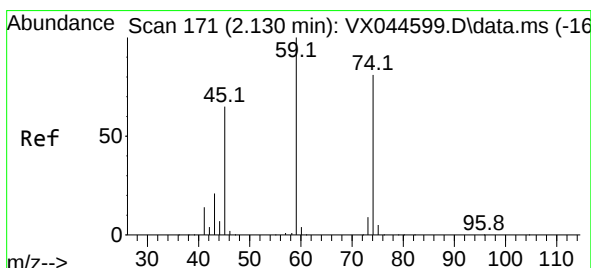
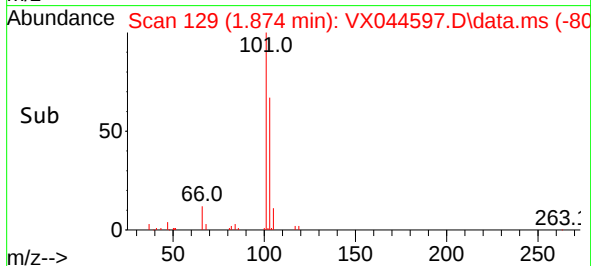
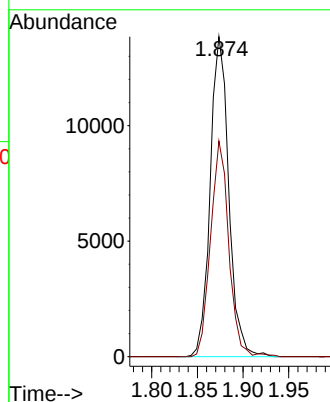
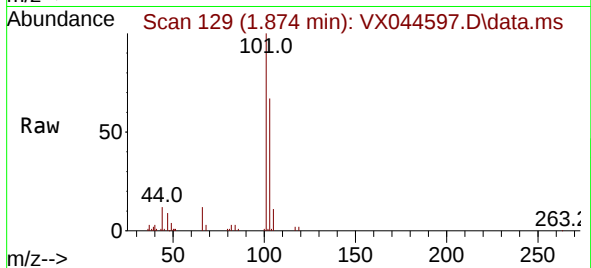




#7
Trichlorofluoromethane
Concen: 5.151 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

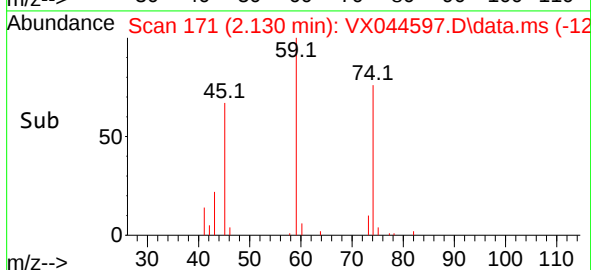
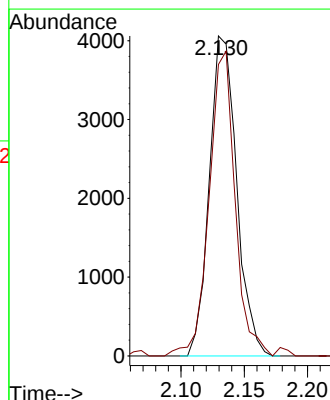
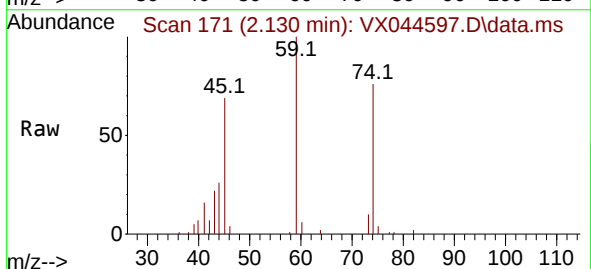
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MSVOA_X
ClientSampleId :
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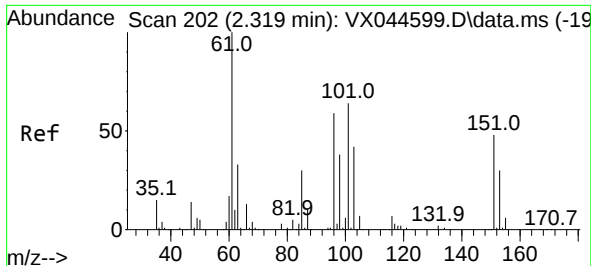
Tgt Ion:101 Resp: 19516
Ion Ratio Lower Upper
101 100
103 67.4 53.3 79.9



#8
Diethyl Ether
Concen: 4.556 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX044597.D
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Tgt Ion: 74 Resp: 6099
Ion Ratio Lower Upper
74 100
45 90.3 41.7 125.1

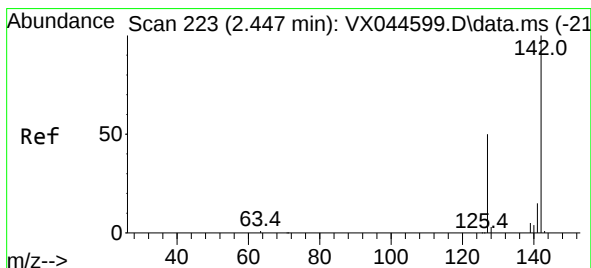
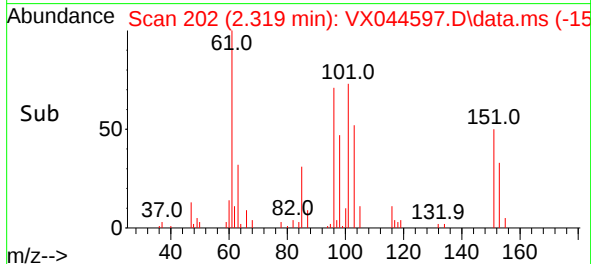
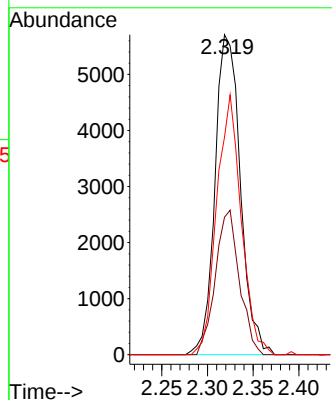
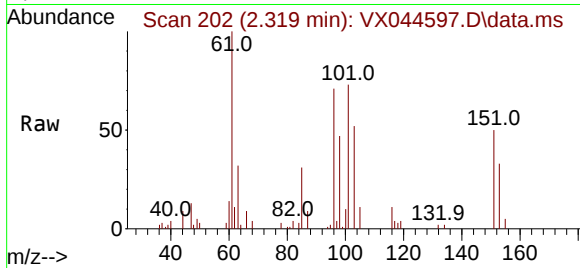




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.077 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

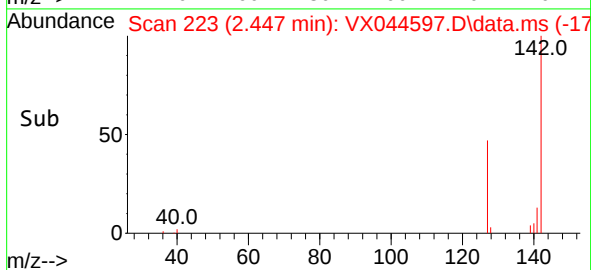
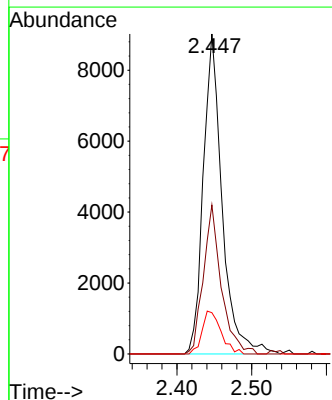
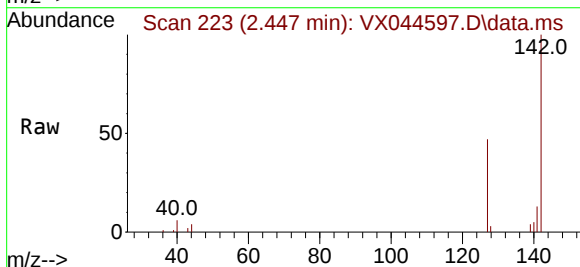
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

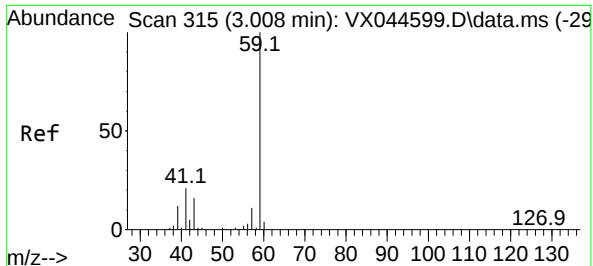
Tgt Ion:101 Resp: 11029
Ion Ratio Lower Upper
101 100
85 42.9 36.5 54.7
151 78.3 58.6 87.8



#10
Methyl Iodide
Concen: 5.210 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:142 Resp: 15781
Ion Ratio Lower Upper
142 100
127 44.4 41.9 62.9
141 13.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 28.381 ug/l

RT: 3.001 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

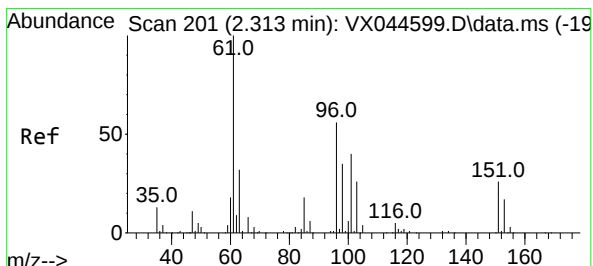
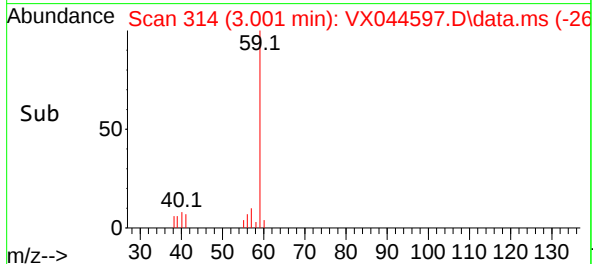
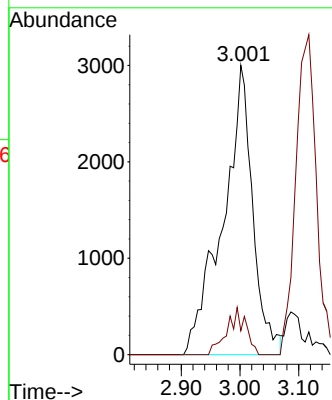
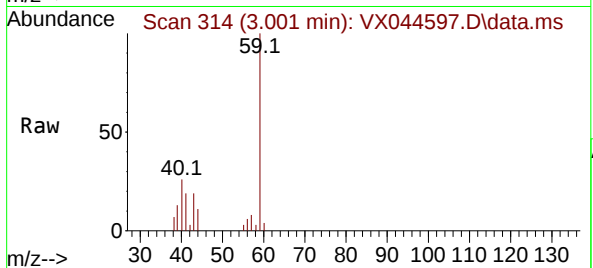
VSTDIC005

Tgt Ion: 59 Resp: 10600

Ion Ratio Lower Upper

59 100

57 10.2 8.6 12.8



#12

1,1-Dichloroethene

Concen: 5.249 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

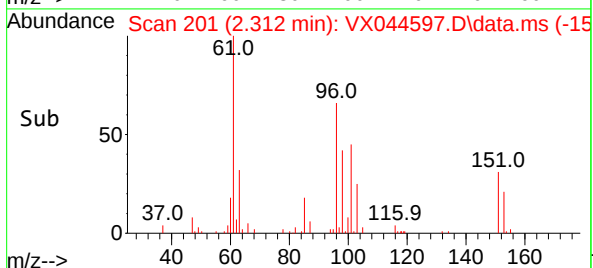
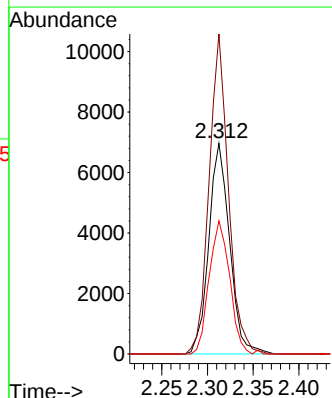
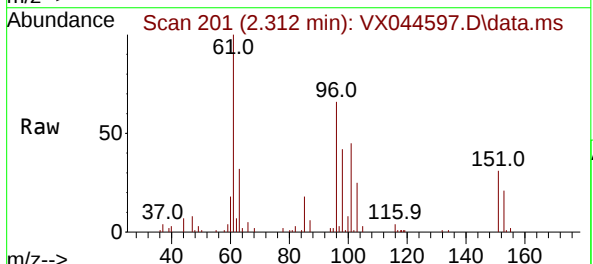
Tgt Ion: 96 Resp: 11046

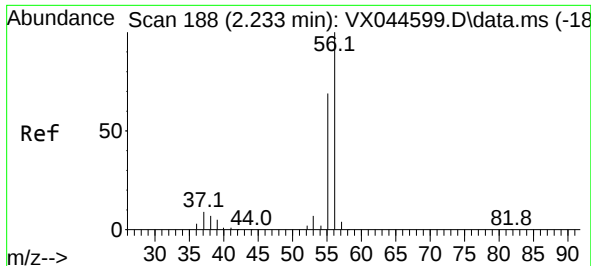
Ion Ratio Lower Upper

96 100

61 152.0 143.3 214.9

98 63.2 50.6 76.0

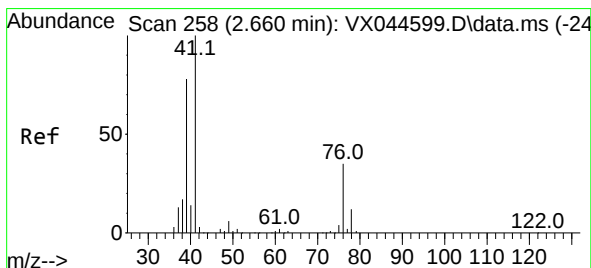
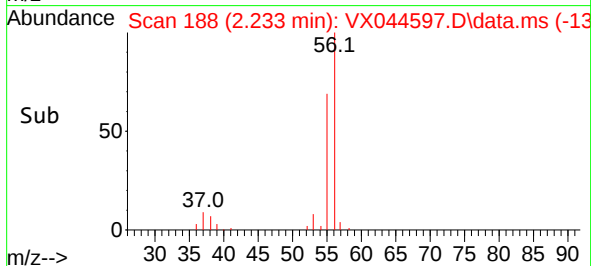
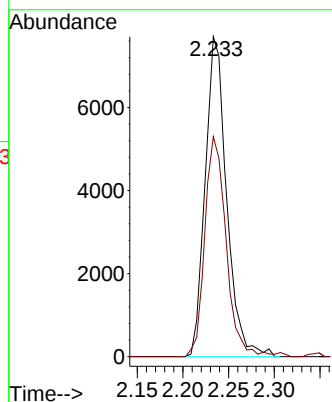
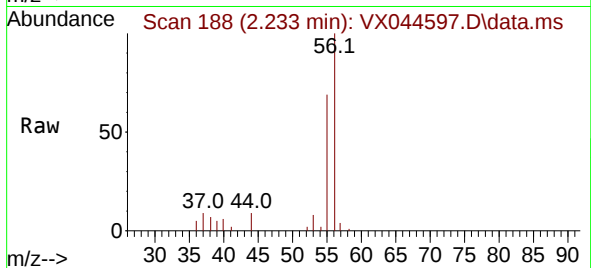




#13
Acrolein
Concen: 25.426 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

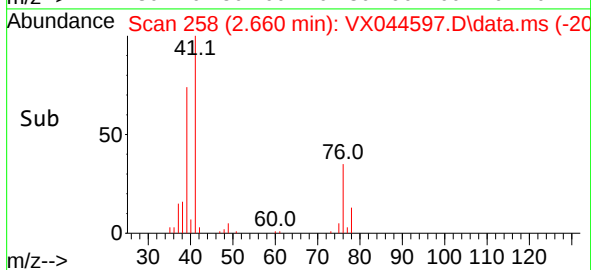
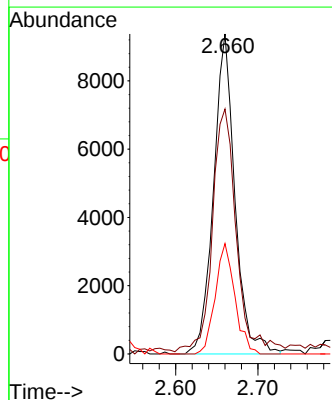
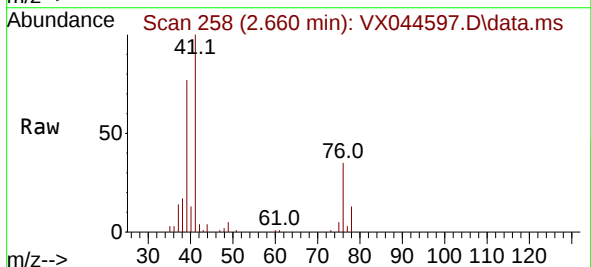
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

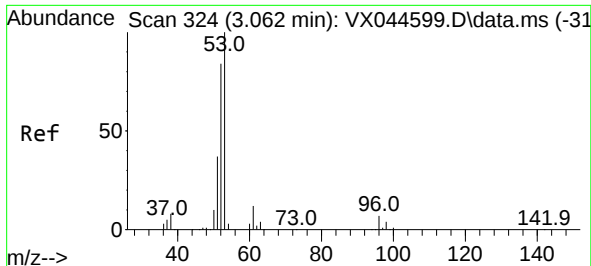
Tgt Ion: 56 Resp: 12556
Ion Ratio Lower Upper
56 100
55 68.7 55.8 83.8



#14
Allyl chloride
Concen: 4.858 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 41 Resp: 17002
Ion Ratio Lower Upper
41 100
39 83.9 60.2 90.2
76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 26.307 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

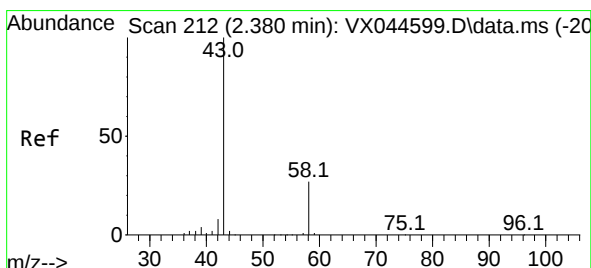
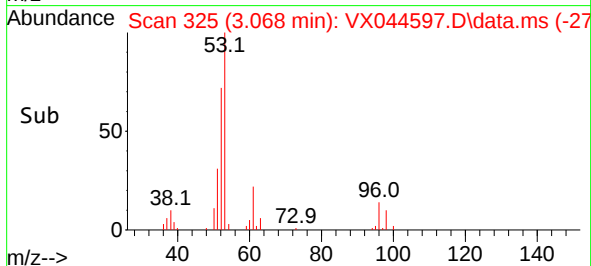
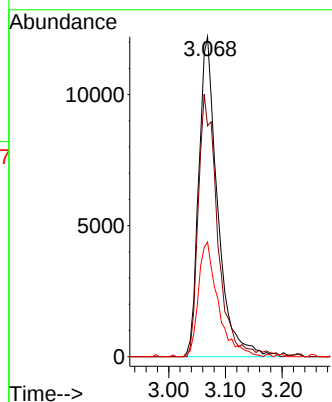
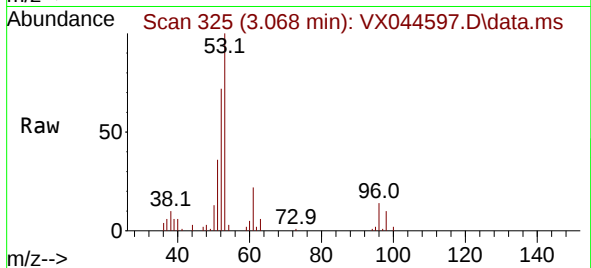
Tgt Ion: 53 Resp: 28298

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.6

51 37.4 29.4 44.0



#16

Acetone

Concen: 21.165 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044597.D

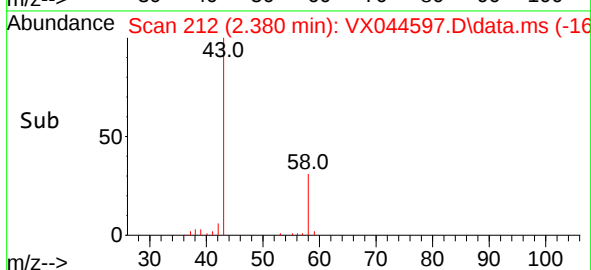
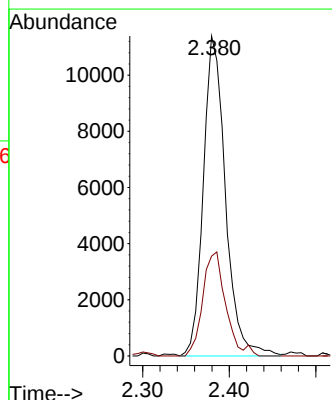
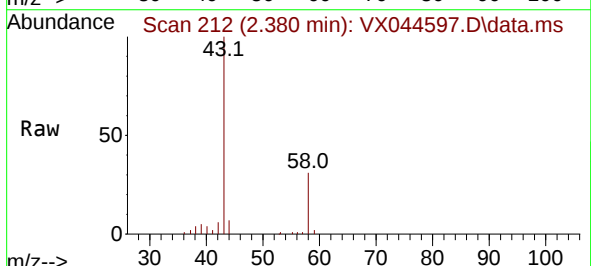
Acq: 07 Jan 2025 10:29

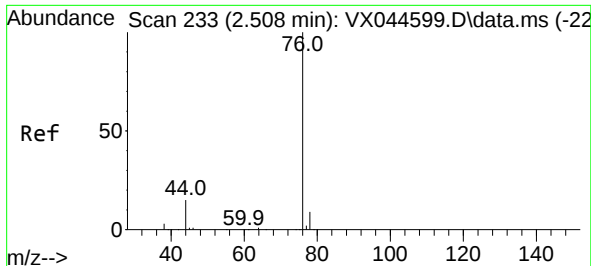
Tgt Ion: 43 Resp: 20234

Ion Ratio Lower Upper

43 100

58 31.2 22.0 33.0





#17

Carbon Disulfide

Concen: 4.517 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

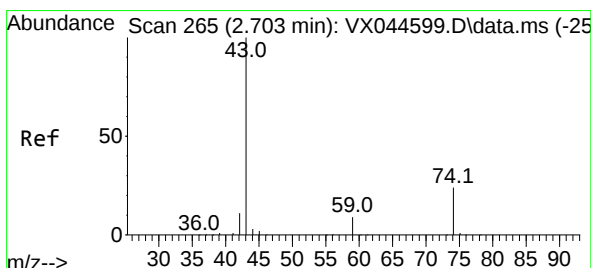
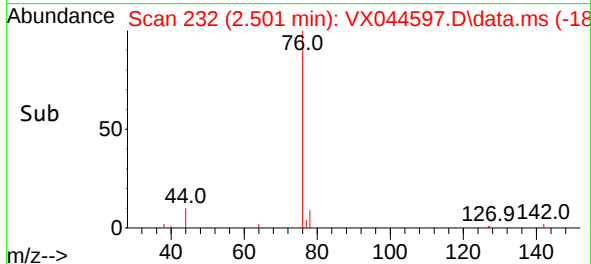
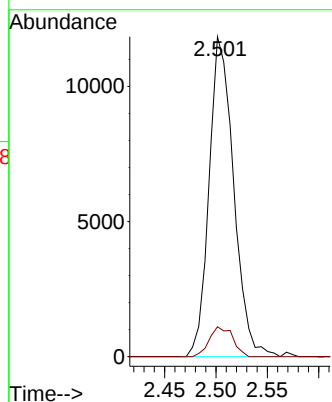
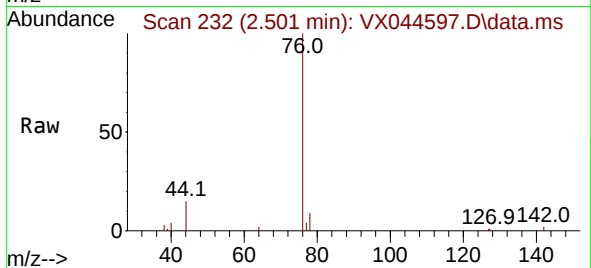
VSTDICC005

Tgt Ion: 76 Resp: 19658

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 5.325 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX044597.D

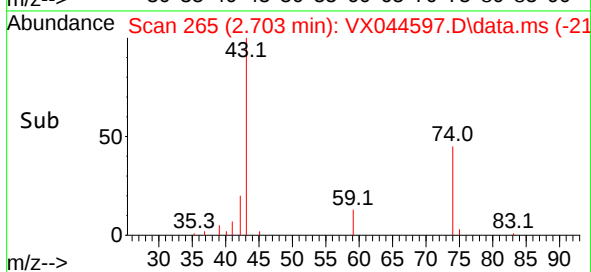
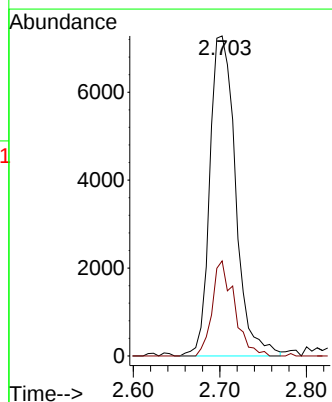
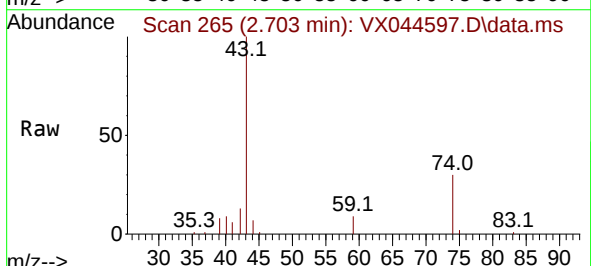
Acq: 07 Jan 2025 10:29

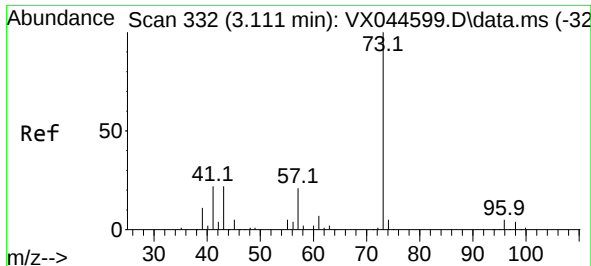
Tgt Ion: 43 Resp: 15024

Ion Ratio Lower Upper

43 100

74 25.6 19.3 28.9

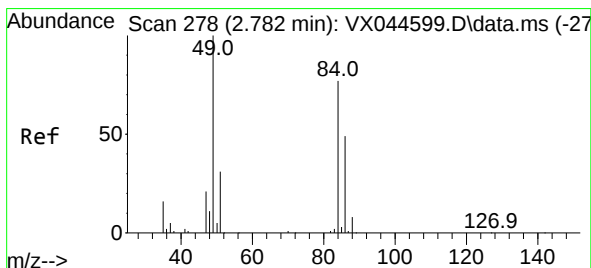
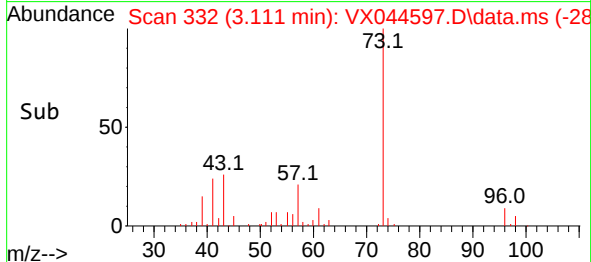
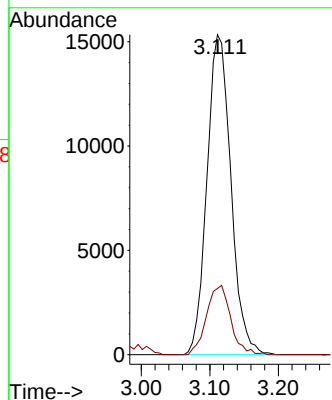
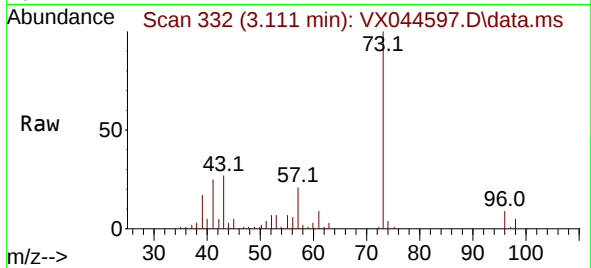




#19
Methyl tert-butyl Ether
Concen: 5.162 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

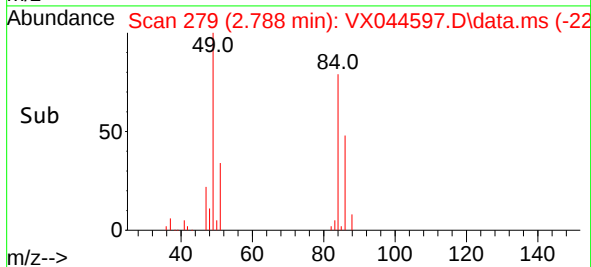
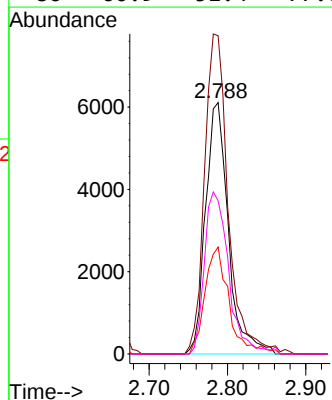
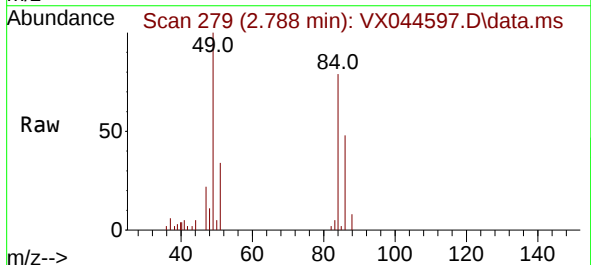
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

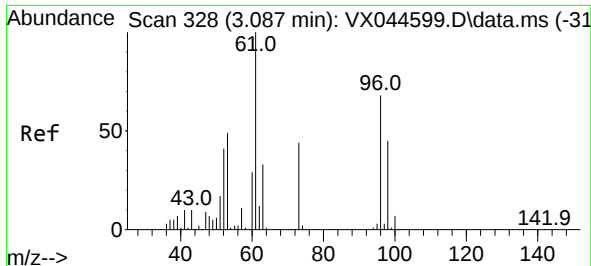
Tgt Ion: 73 Resp: 37226
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4



#20
Methylene Chloride
Concen: 5.066 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 84 Resp: 12356
Ion Ratio Lower Upper
84 100
49 126.6 104.4 156.6
51 42.5 32.0 48.0
86 60.9 51.4 77.0

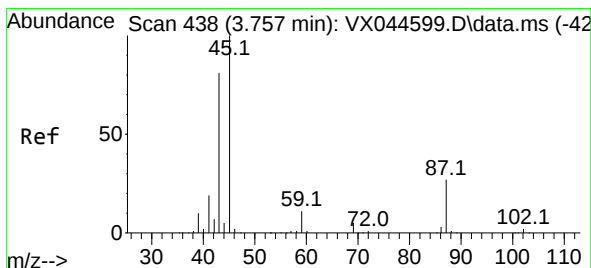
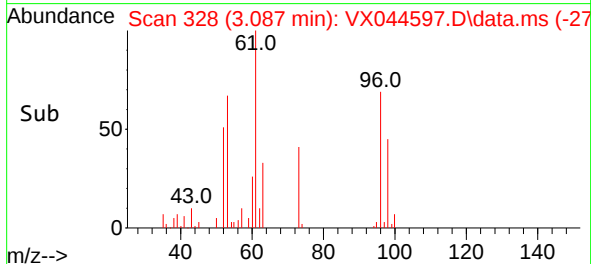
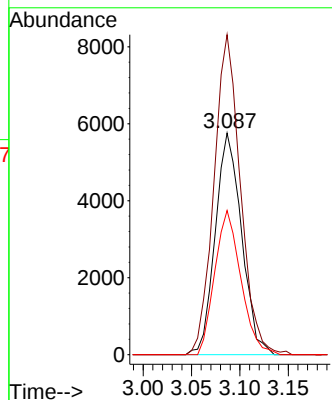
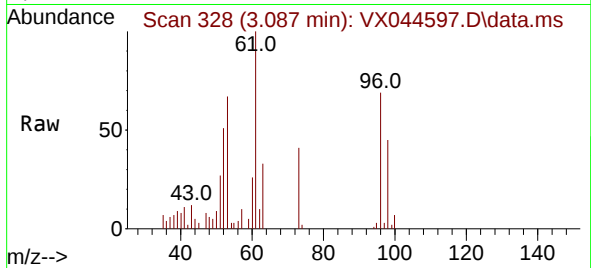




#21
trans-1,2-Dichloroethene
Concen: 5.045 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

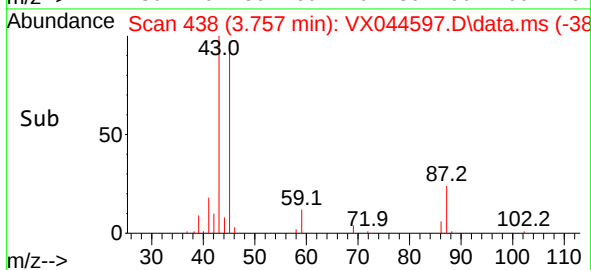
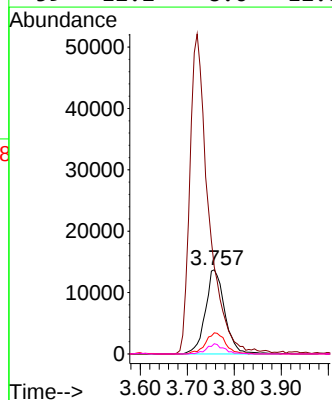
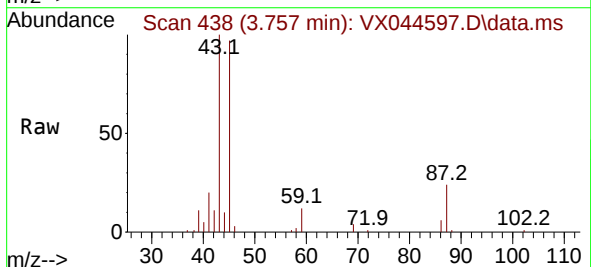
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

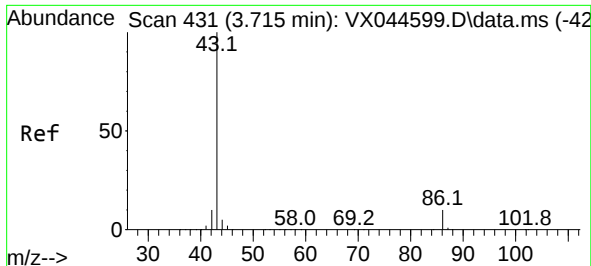
Tgt Ion: 96 Resp: 10897
Ion Ratio Lower Upper
96 100
61 144.4 118.5 177.7
98 65.1 53.4 80.0



#22
Diisopropyl ether
Concen: 5.449 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 45 Resp: 39202
Ion Ratio Lower Upper
45 100
43 100.8 64.6 97.0#
87 25.0 21.8 32.8
59 12.2 8.6 12.8

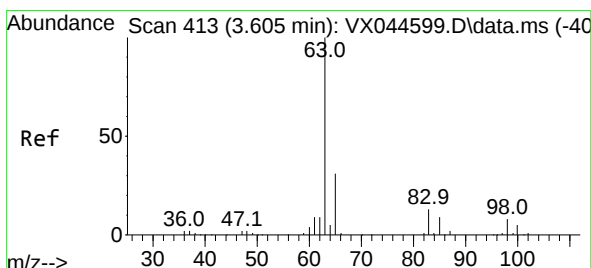
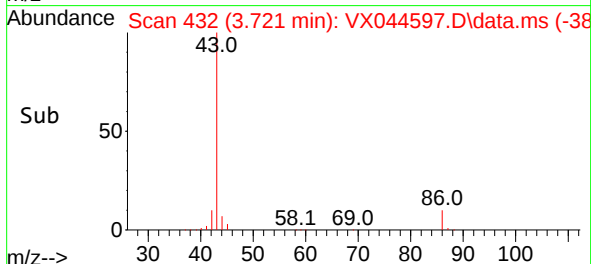
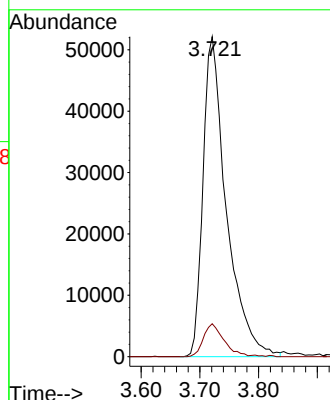
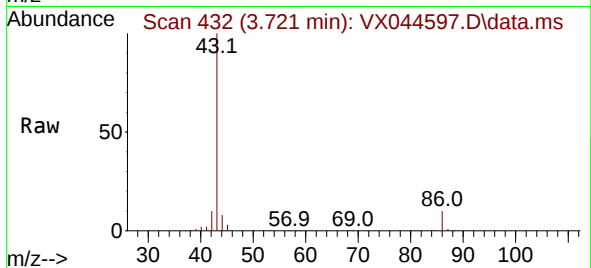




#23
 Vinyl Acetate
 Concen: 24.790 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

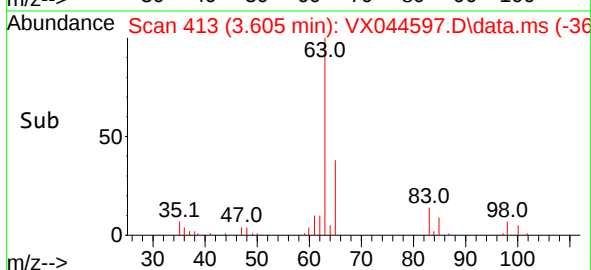
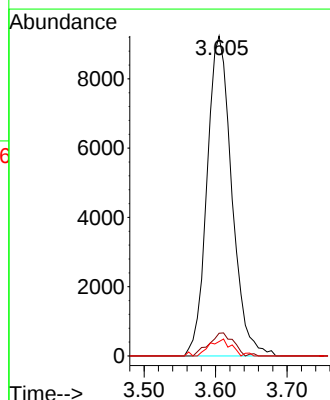
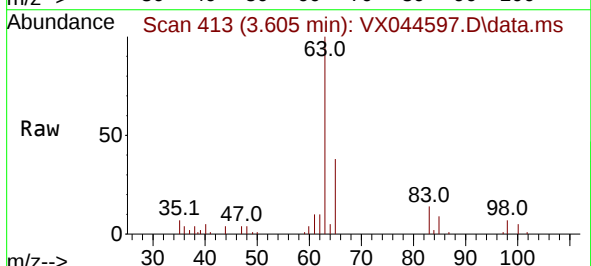
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

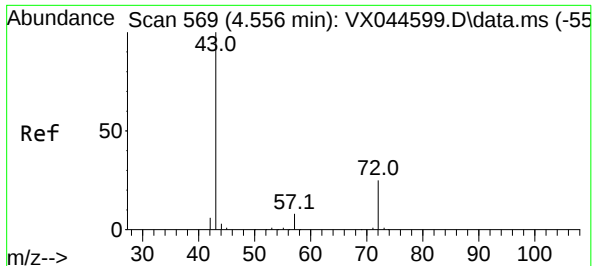
Tgt Ion: 43 Resp: 144231
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 5.297 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

Tgt Ion: 63 Resp: 22208
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 26.760 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

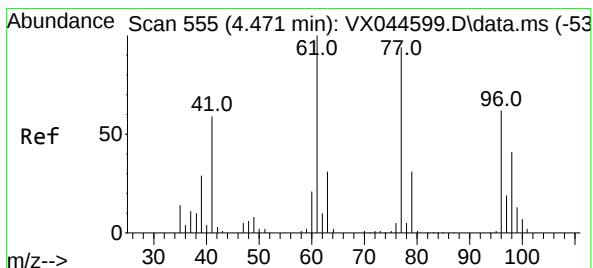
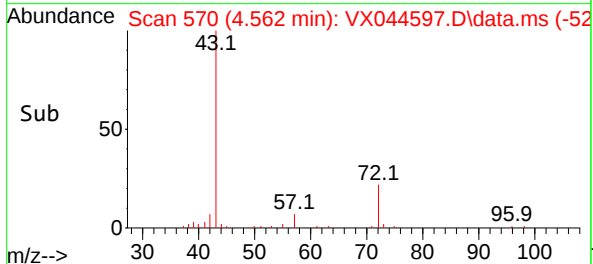
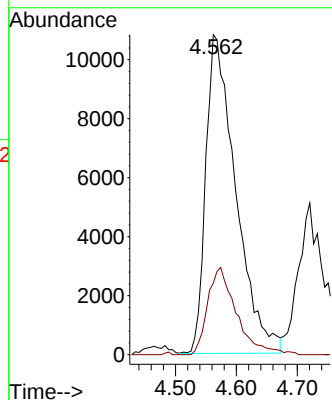
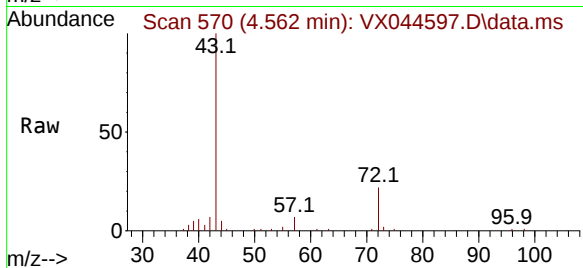
VSTDICC005

Tgt Ion: 43 Resp: 36925

Ion Ratio Lower Upper

43 100

72 22.5 20.2 30.2



#26

2,2-Dichloropropane

Concen: 4.968 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.012 min

Lab File: VX044597.D

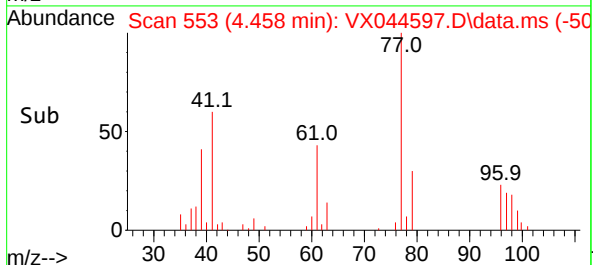
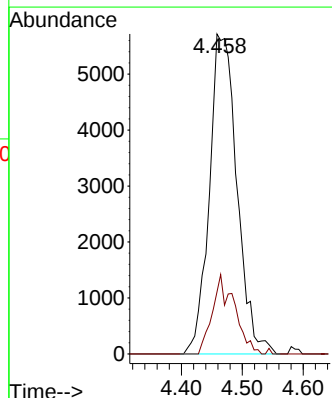
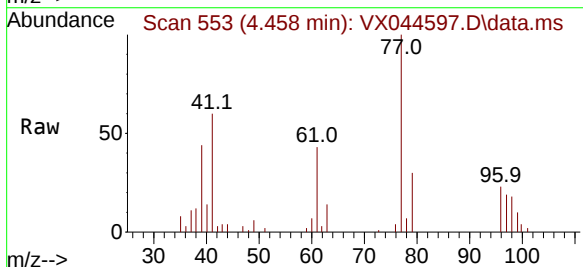
Acq: 07 Jan 2025 10:29

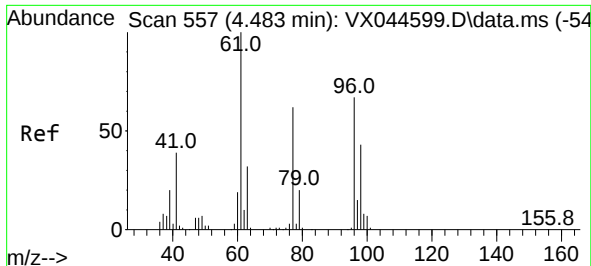
Tgt Ion: 77 Resp: 18007

Ion Ratio Lower Upper

77 100

97 20.0 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 5.451 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

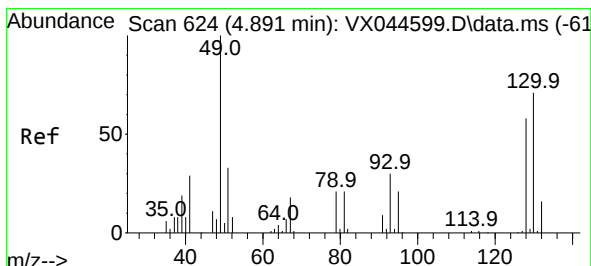
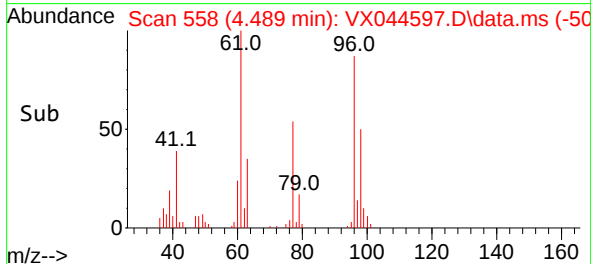
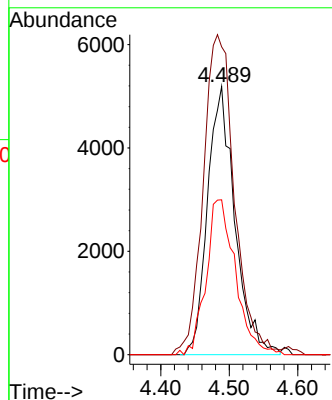
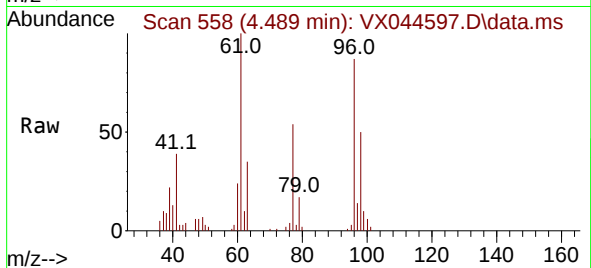
Tgt Ion: 96 Resp: 14357

Ion Ratio Lower Upper

96 100

61 136.4 0.0 302.8

98 62.1 0.0 130.0



#28

Bromochloromethane

Concen: 5.222 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

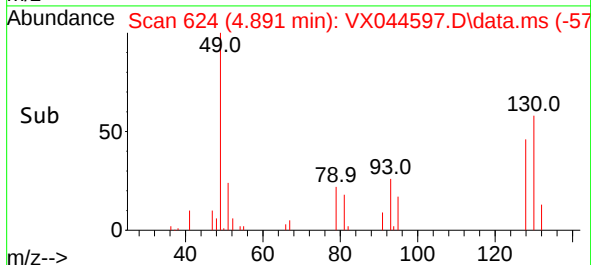
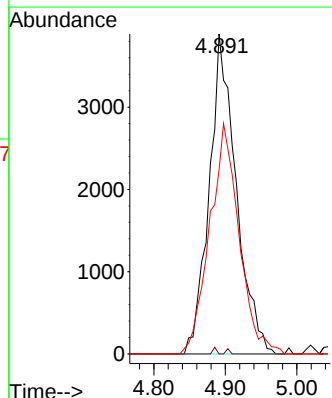
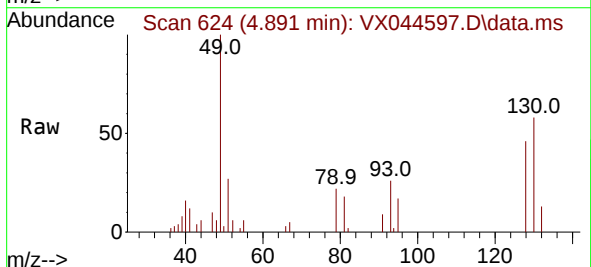
Tgt Ion: 49 Resp: 10190

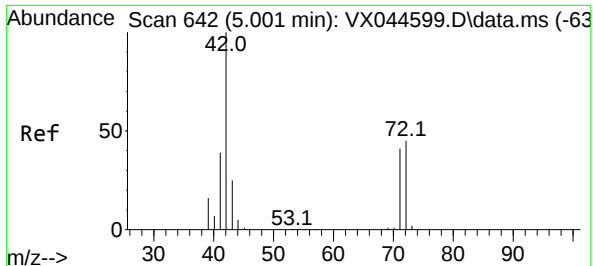
Ion Ratio Lower Upper

49 100

129 0.3 0.0 4.2

130 0.0 58.8 88.2#





#29

Tetrahydrofuran

Concen: 26.583 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

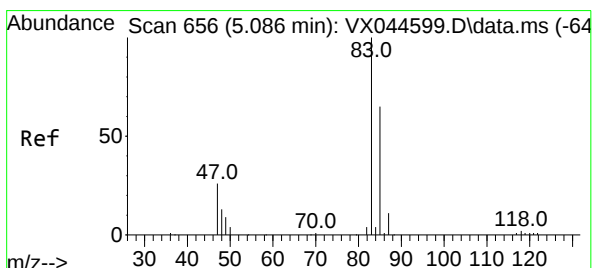
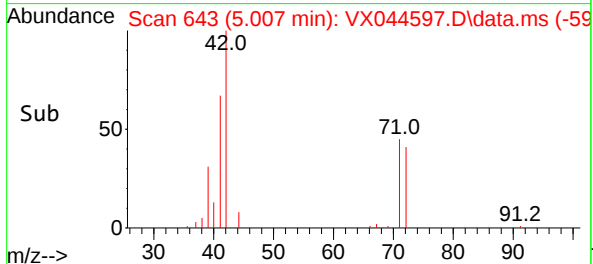
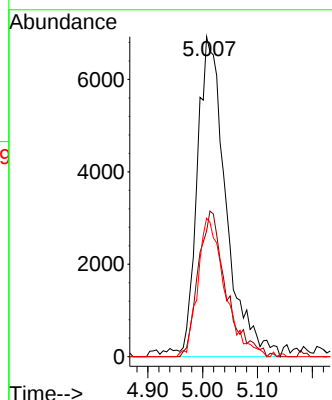
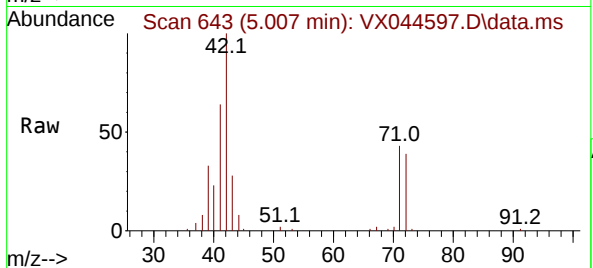
Tgt Ion: 42 Resp: 25119

Ion Ratio Lower Upper

42 100

72 44.1 36.1 54.1

71 41.0 33.0 49.6



#30

Chloroform

Concen: 5.479 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX044597.D

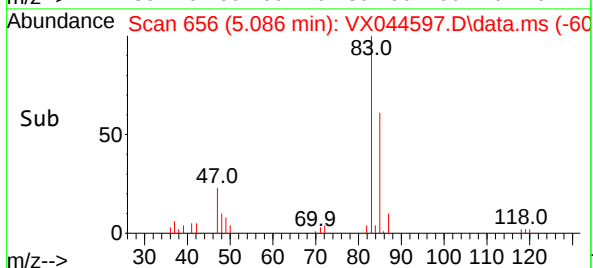
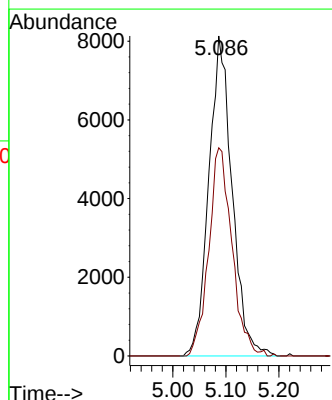
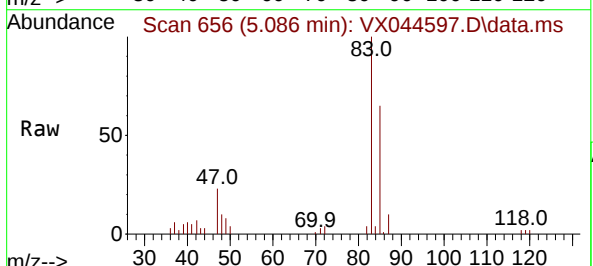
Acq: 07 Jan 2025 10:29

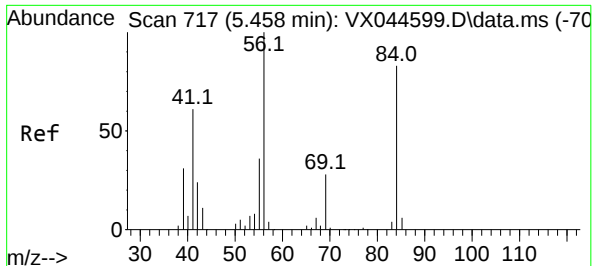
Tgt Ion: 83 Resp: 24763

Ion Ratio Lower Upper

83 100

85 65.1 52.3 78.5

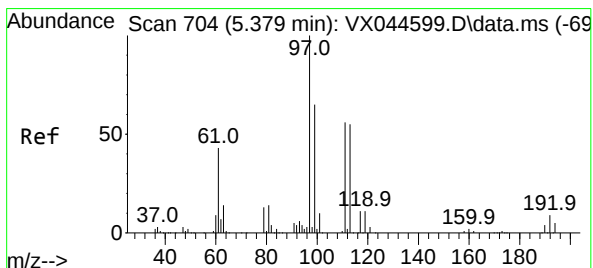
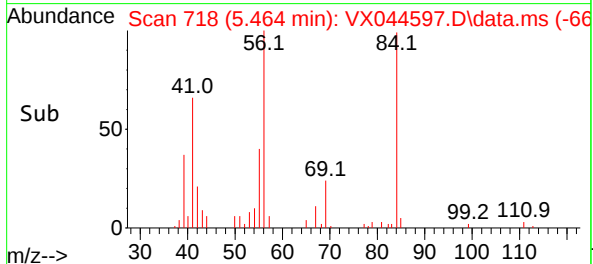
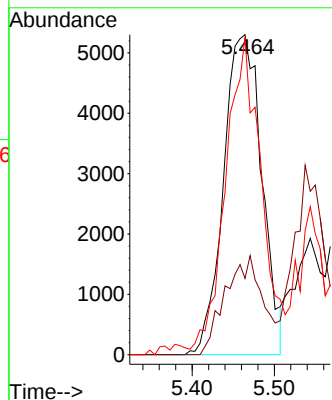
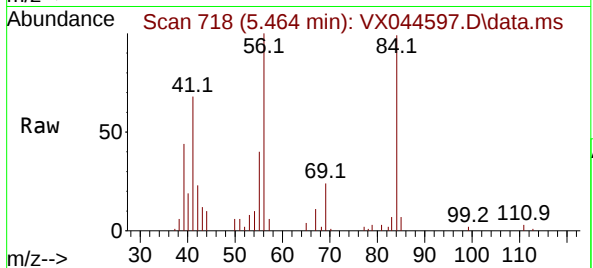




#31
Cyclohexane
Concen: 4.983 ug/l
RT: 5.464 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

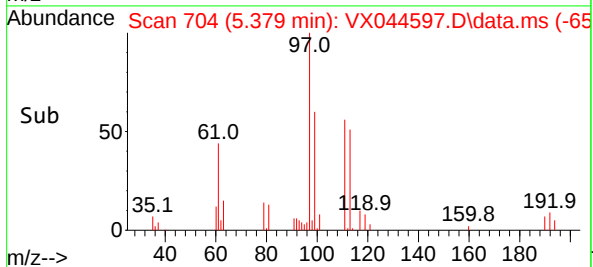
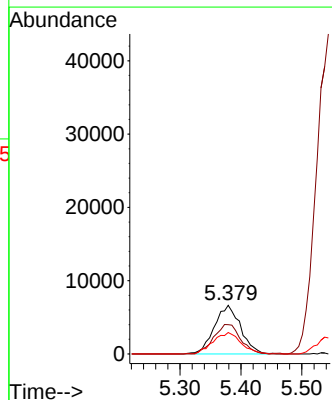
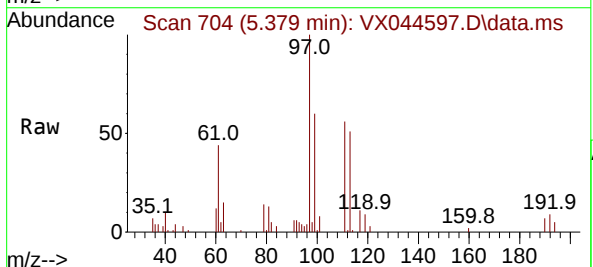
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

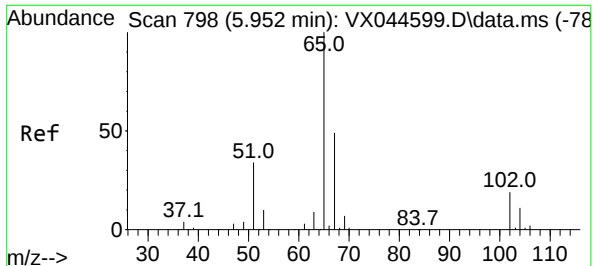
Tgt Ion:	56	Resp:	17152
Ion	Ratio	Lower	Upper
56	100		
69	23.9	22.2	33.4
84	96.2	66.6	100.0



#32
1,1,1-Trichloroethane
Concen: 5.229 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:	97	Resp:	19887
Ion	Ratio	Lower	Upper
97	100		
99	61.6	52.1	78.1
61	46.6	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 5.699 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

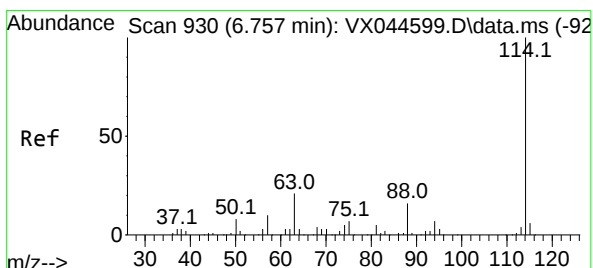
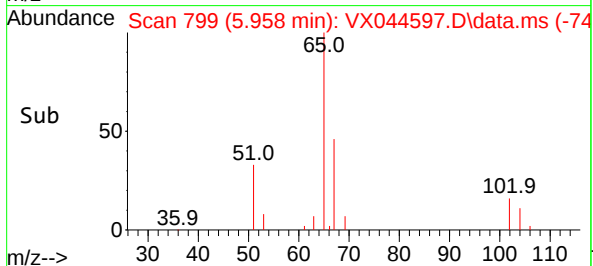
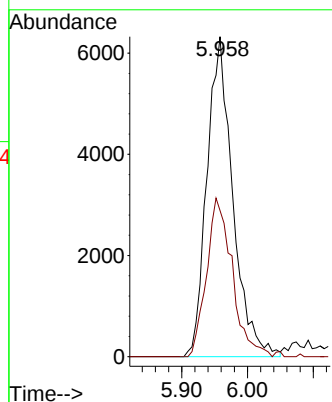
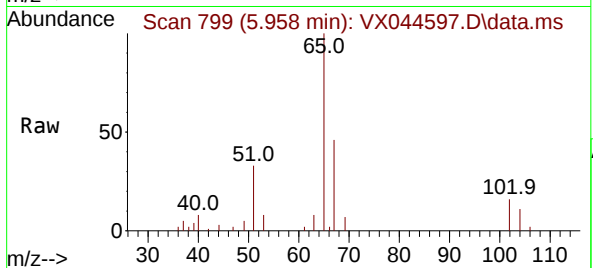
VSTDIC005

Tgt Ion: 65 Resp: 17286

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

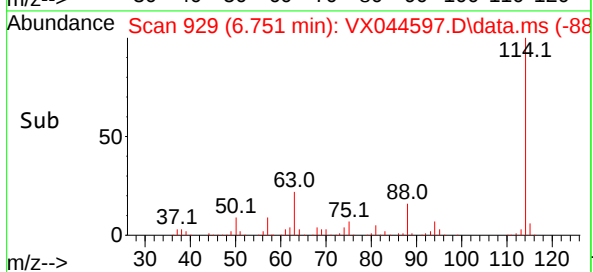
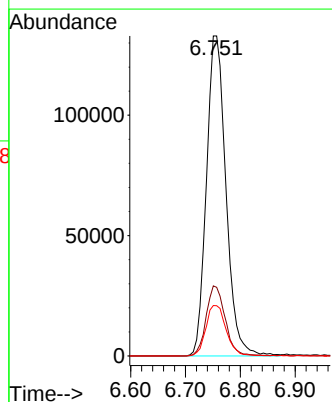
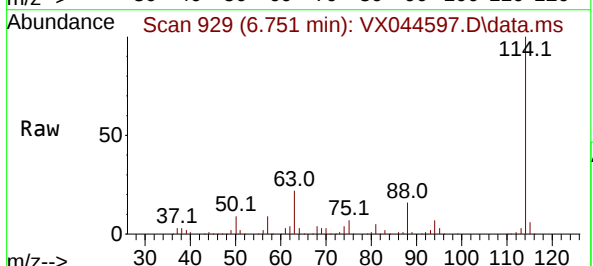
Tgt Ion: 114 Resp: 328814

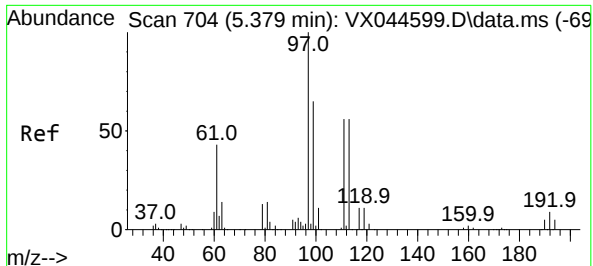
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 15.7 0.0 32.6

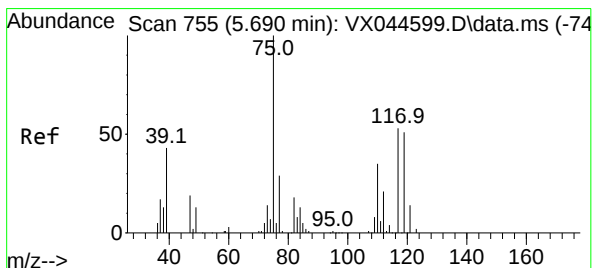
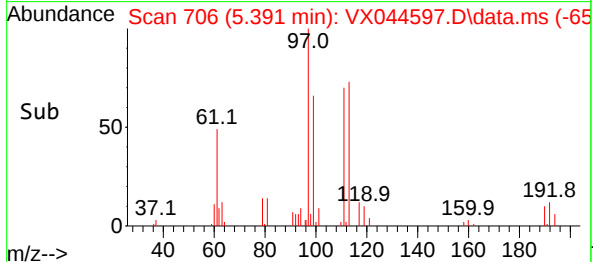
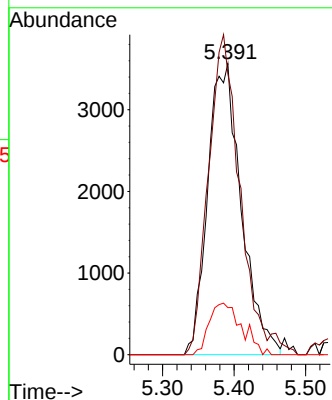
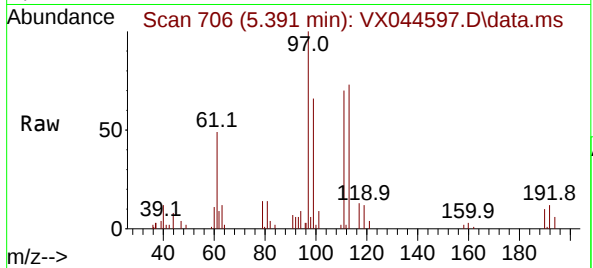




#35
Dibromofluoromethane
Concen: 5.166 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

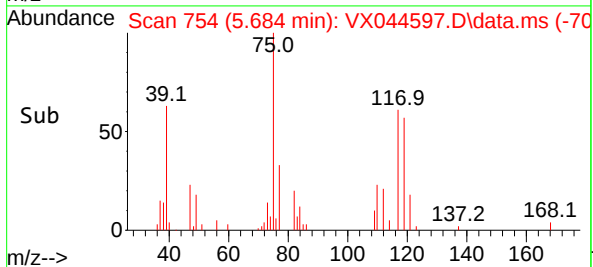
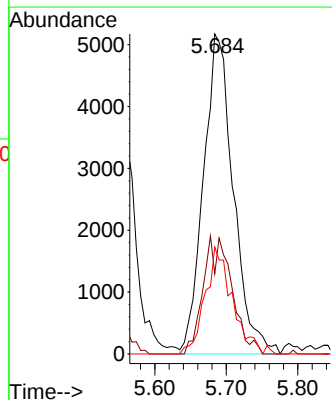
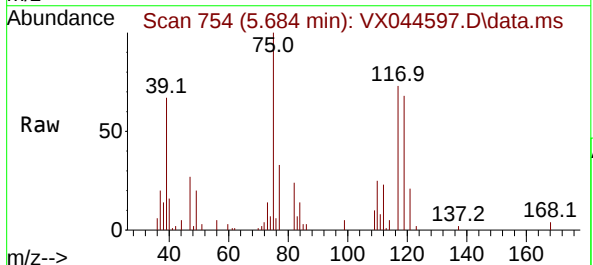
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

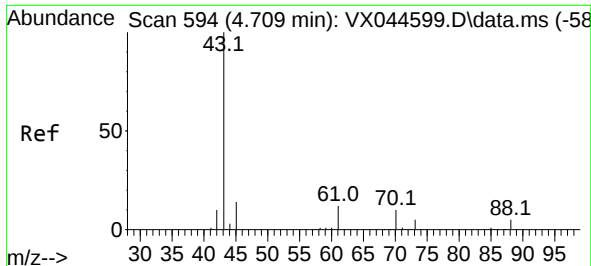
Tgt Ion:113 Resp: 11648
Ion Ratio Lower Upper
113 100
111 103.3 83.3 124.9
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.149 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 75 Resp: 15012
Ion Ratio Lower Upper
75 100
110 15.9 17.3 51.9#
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 4.999 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

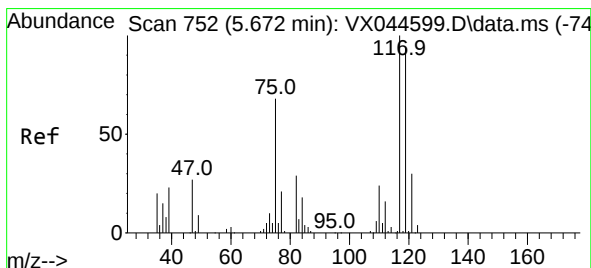
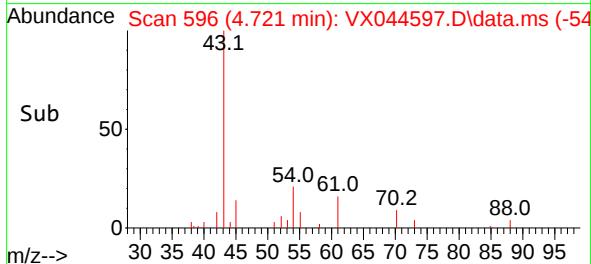
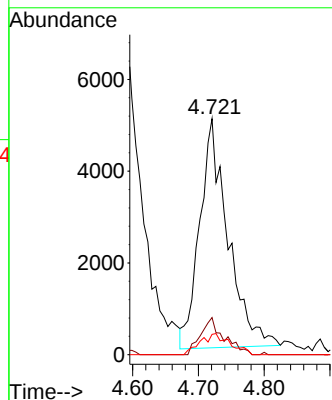
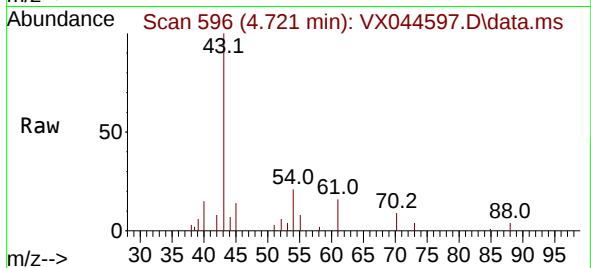
Tgt Ion: 43 Resp: 14899

Ion Ratio Lower Upper

43 100

61 13.3 9.9 14.9

70 9.7 8.0 12.0



#38

Carbon Tetrachloride

Concen: 4.641 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

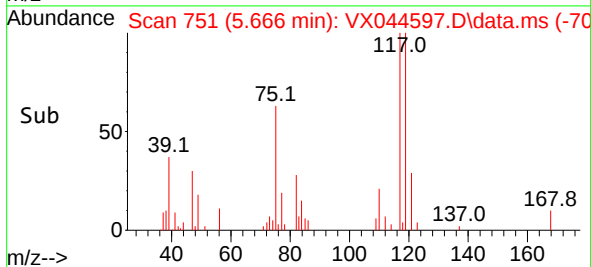
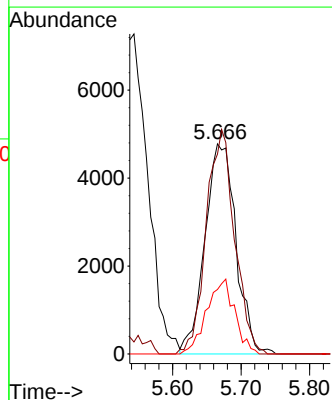
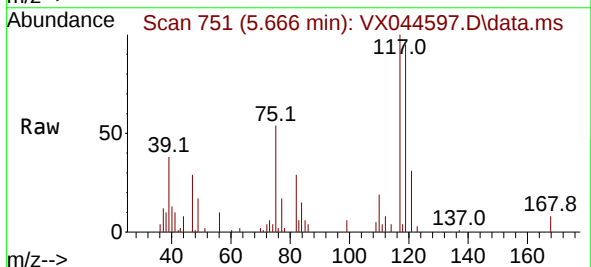
Tgt Ion: 117 Resp: 15014

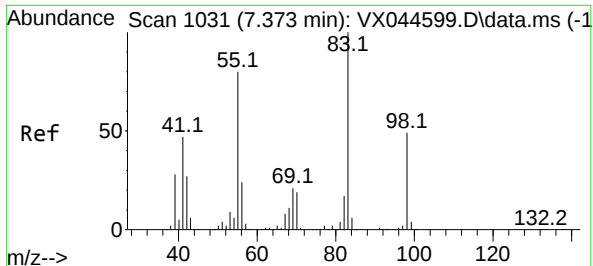
Ion Ratio Lower Upper

117 100

119 95.1 74.5 111.7

121 30.7 24.1 36.1





#39

Methylcyclohexane

Concen: 5.007 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

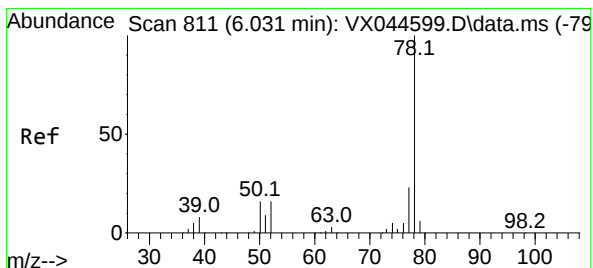
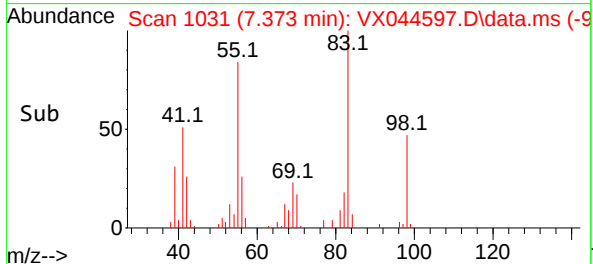
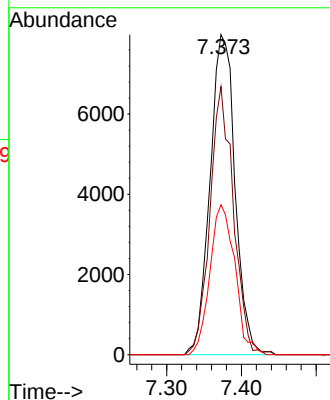
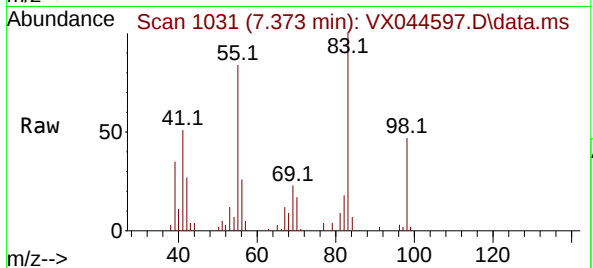
Tgt Ion: 83 Resp: 18627

Ion Ratio Lower Upper

83 100

55 83.7 64.1 96.1

98 46.8 38.9 58.3



#40

Benzene

Concen: 5.191 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044597.D

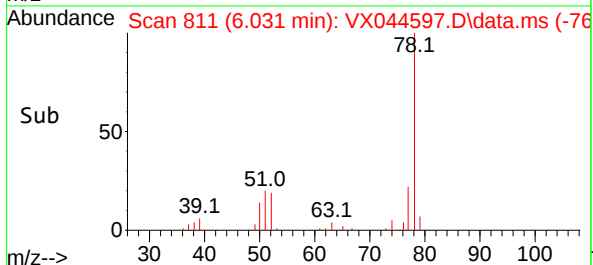
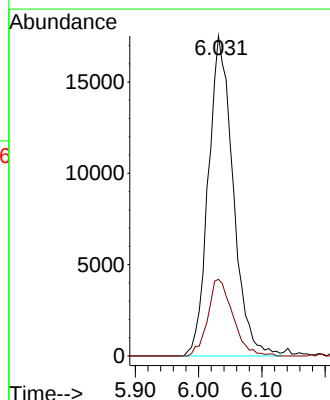
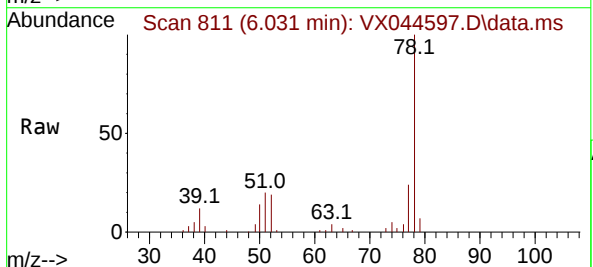
Acq: 07 Jan 2025 10:29

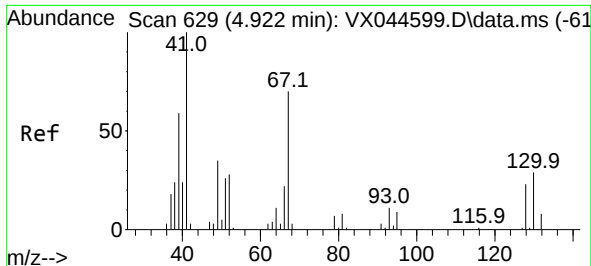
Tgt Ion: 78 Resp: 47650

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

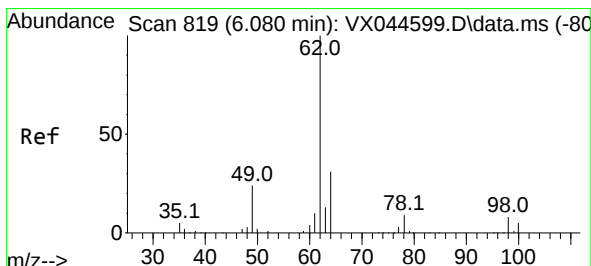
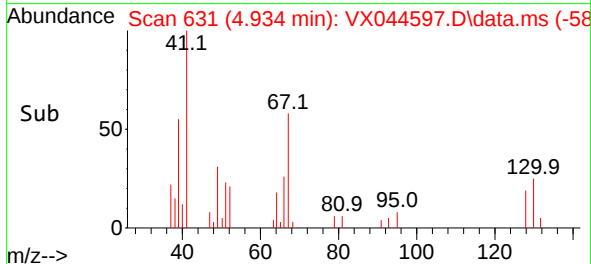
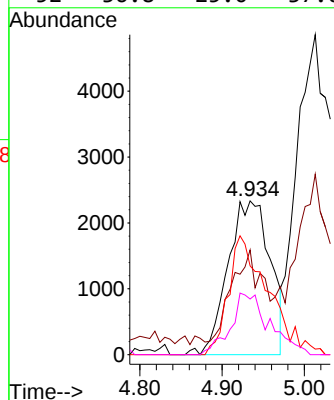
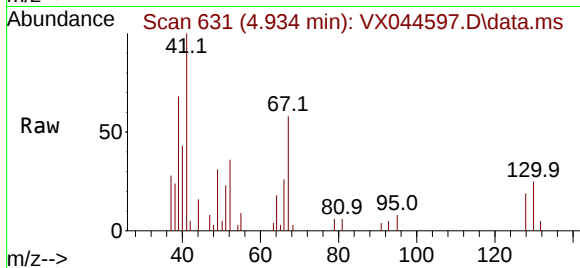




#41
Methacrylonitrile
Concen: 5.209 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

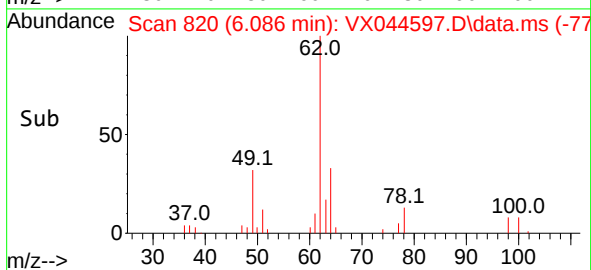
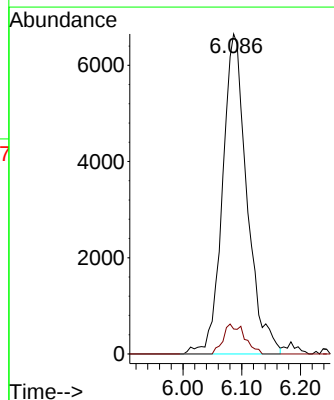
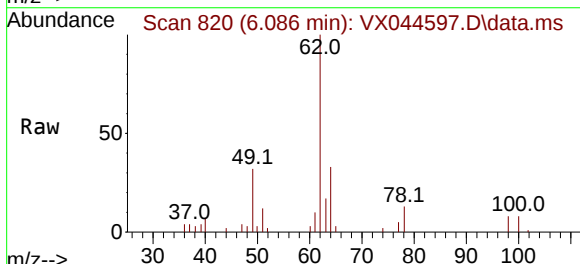
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

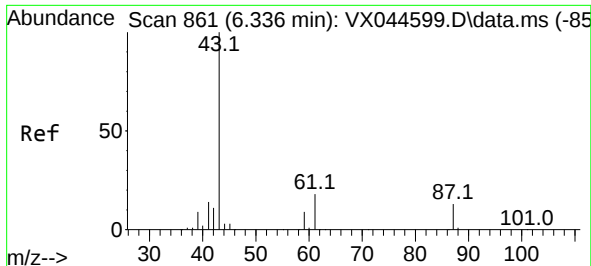
Tgt Ion:	41	Resp:	8340
Ion	Ratio	Lower	Upper
41	100		
39	46.3	47.0	70.4#
67	72.9	57.4	86.2
52	36.8	25.0	37.6



#42
1,2-Dichloroethane
Concen: 5.371 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:	62	Resp:	19283
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

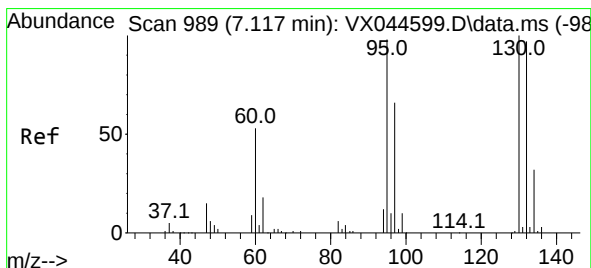
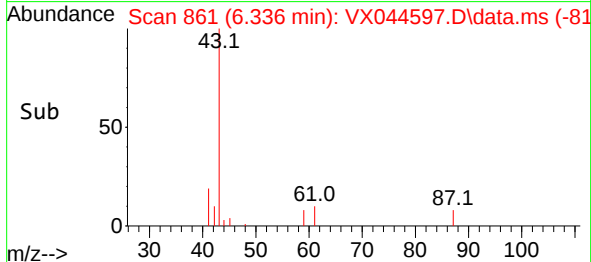
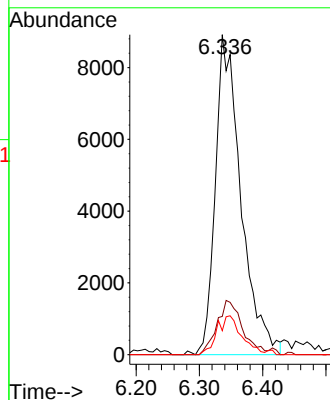
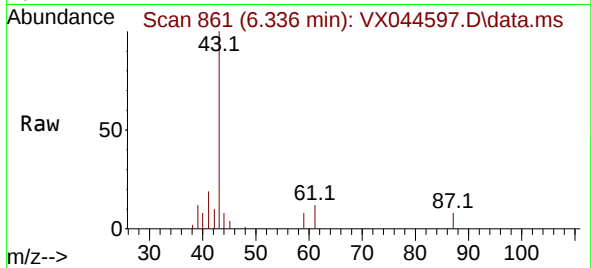




#43
Isopropyl Acetate
Concen: 5.075 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

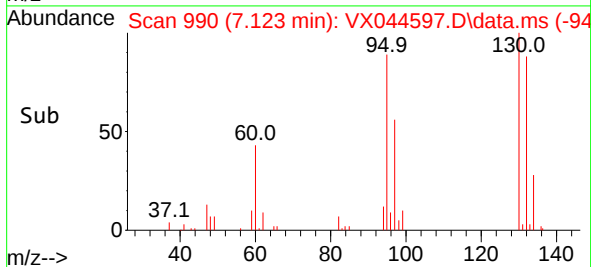
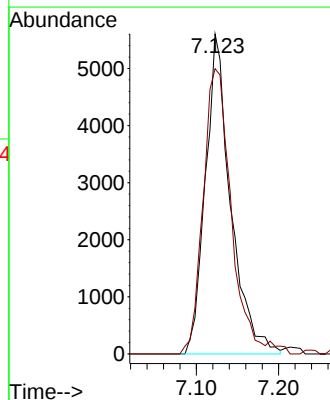
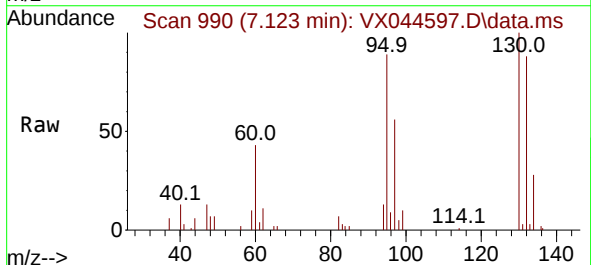
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

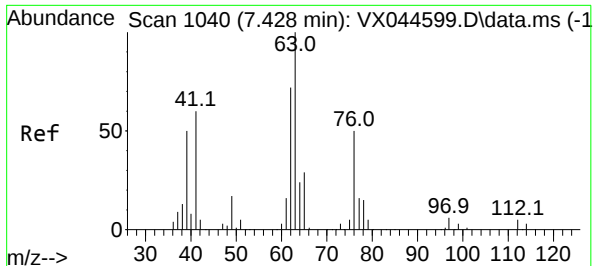
Tgt Ion: 43 Resp: 24971
Ion Ratio Lower Upper
43 100
61 17.0 14.5 21.7
87 11.7 10.1 15.1



#44
Trichloroethene
Concen: 5.099 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:130 Resp: 11966
Ion Ratio Lower Upper
130 100
95 89.2 0.0 195.6





#45

1,2-Dichloropropane

Concen: 4.997 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

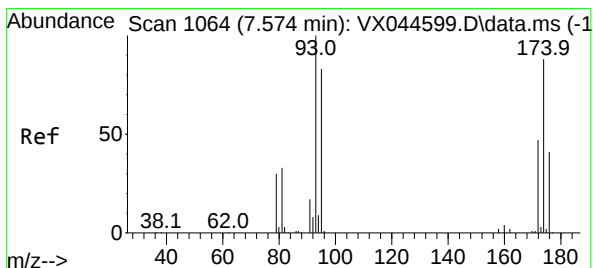
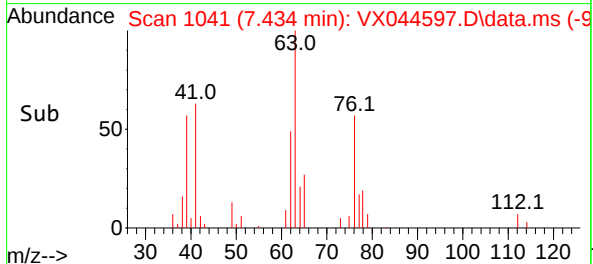
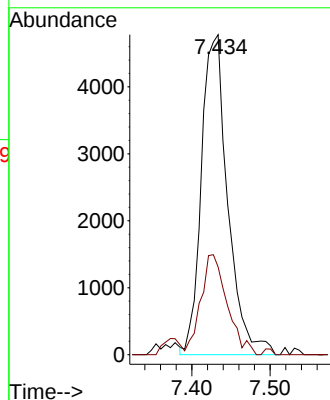
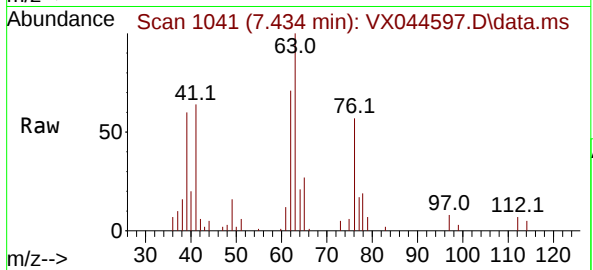
VSTDIC005

Tgt Ion: 63 Resp: 11185

Ion Ratio Lower Upper

63 100

65 27.4 23.0 34.4



#46

Dibromomethane

Concen: 5.071 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

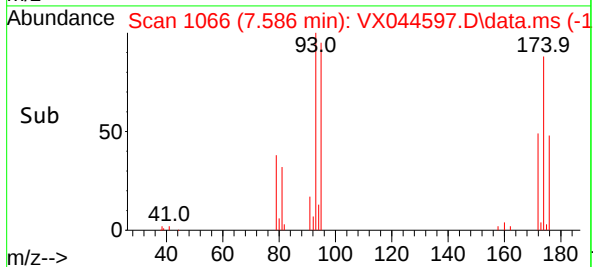
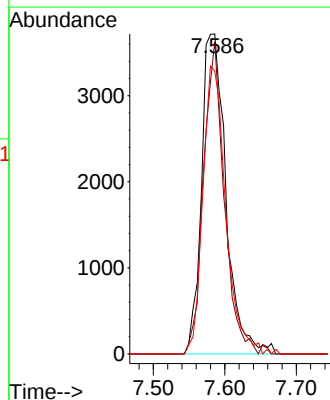
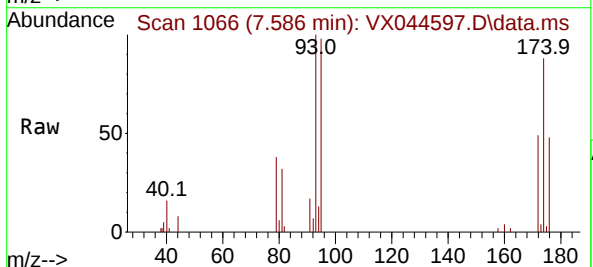
Tgt Ion: 93 Resp: 8827

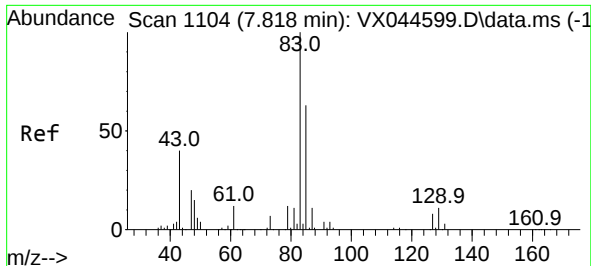
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

174 84.5 73.4 110.0

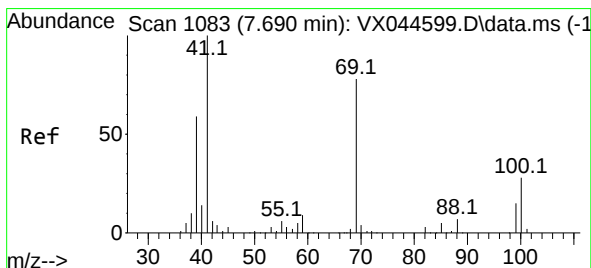
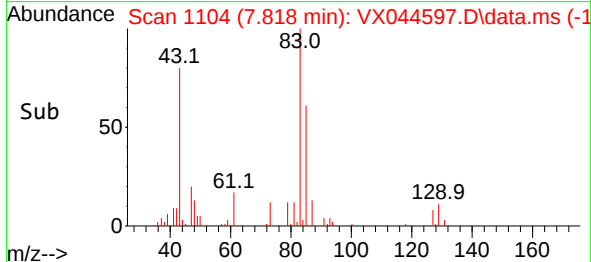
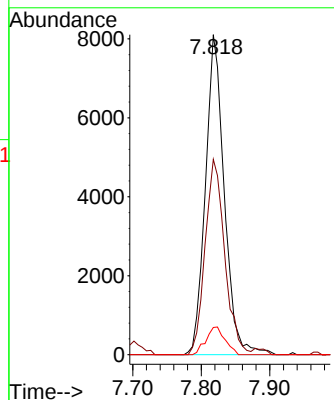
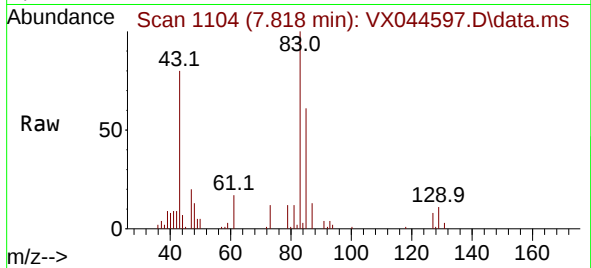




#47
Bromodichloromethane
Concen: 4.901 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

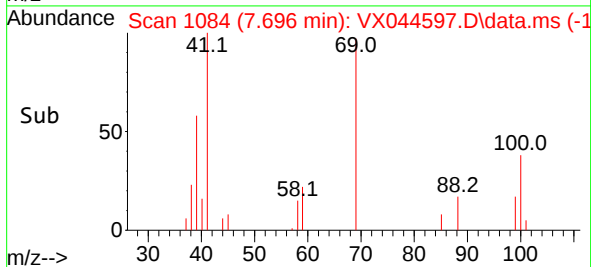
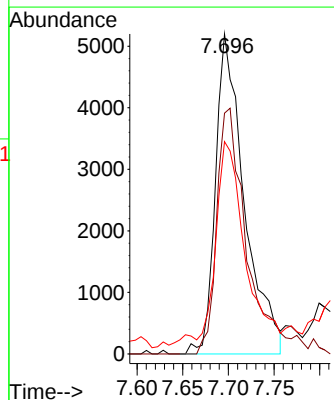
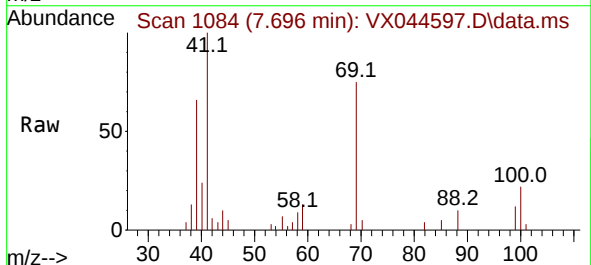
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

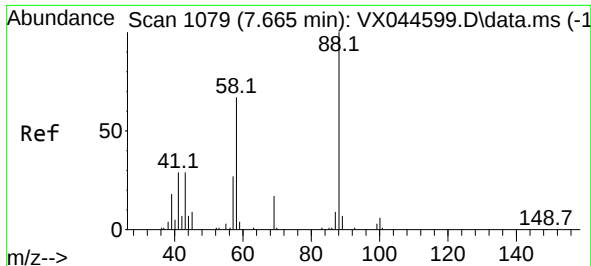
Tgt Ion: 83 Resp: 15524
Ion Ratio Lower Upper
83 100
85 61.1 50.4 75.6
127 8.5 6.2 9.4



#48
Methyl methacrylate
Concen: 4.870 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 41 Resp: 11428
Ion Ratio Lower Upper
41 100
69 80.3 62.9 94.3
39 68.6 48.9 73.3





#49

1,4-Dioxane

Concen: 96.762 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

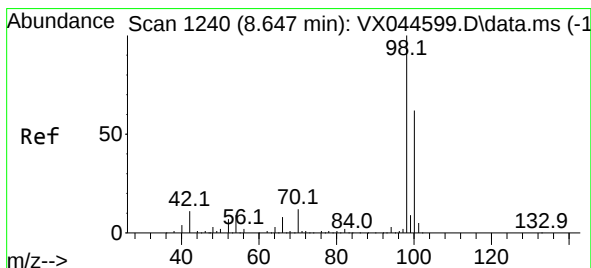
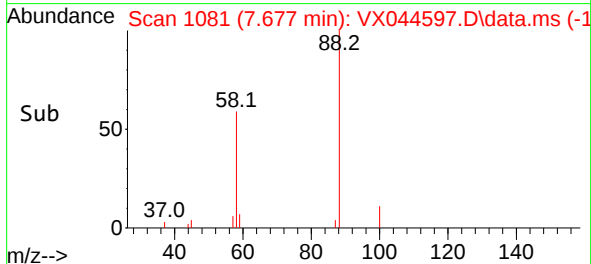
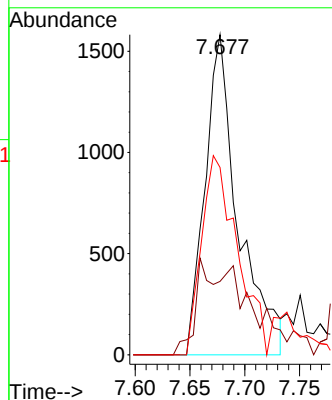
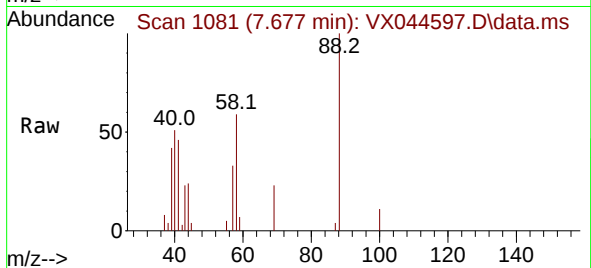
Tgt Ion: 88 Resp: 3337

Ion Ratio Lower Upper

88 100

43 0.0 29.5 44.3#

58 66.5 56.3 84.5



#50

Toluene-d8

Concen: 5.090 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044597.D

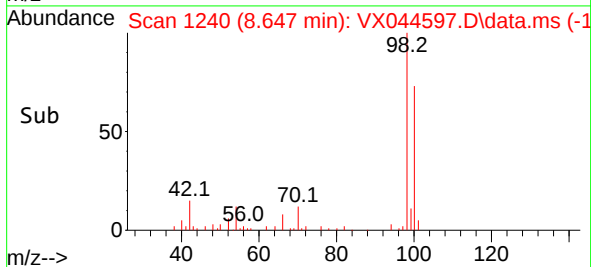
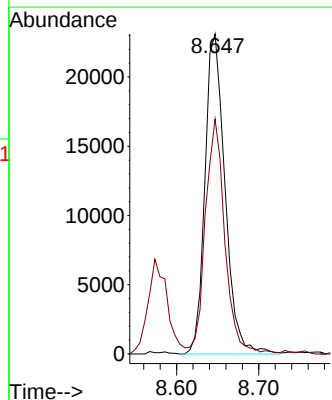
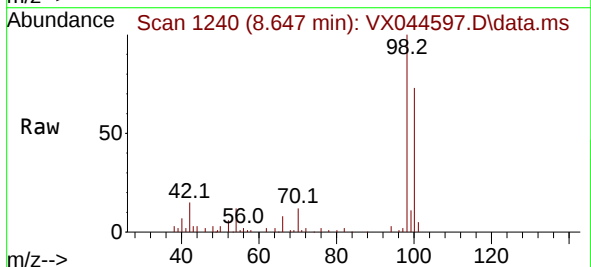
Acq: 07 Jan 2025 10:29

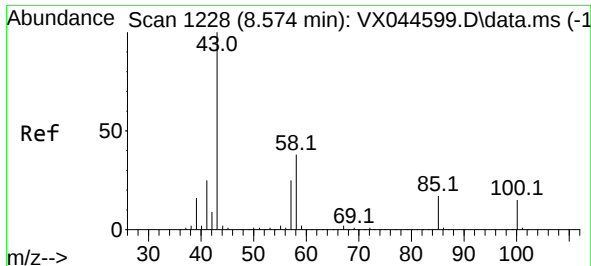
Tgt Ion: 98 Resp: 39205

Ion Ratio Lower Upper

98 100

100 70.3 52.5 78.7

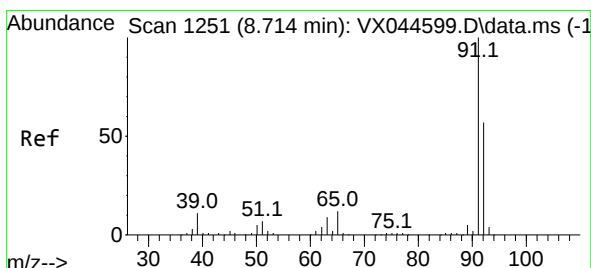
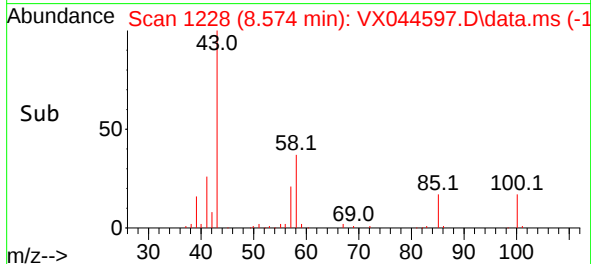
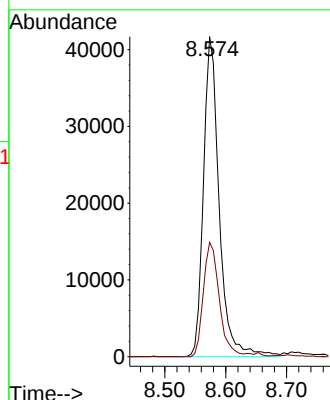
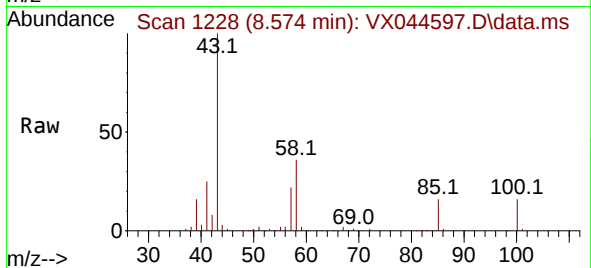




#51
4-Methyl-2-Pentanone
Concen: 26.029 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

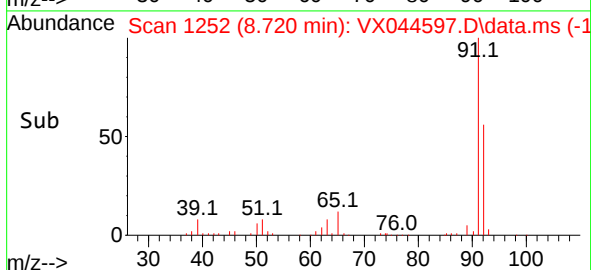
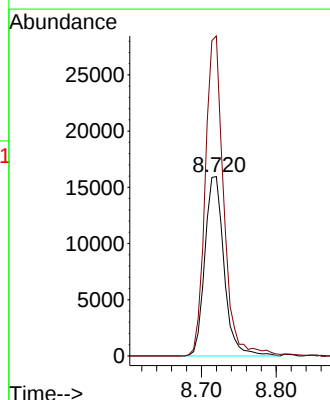
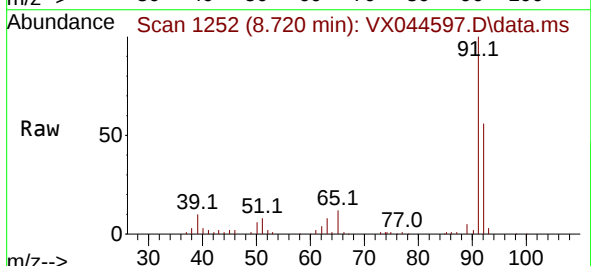
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

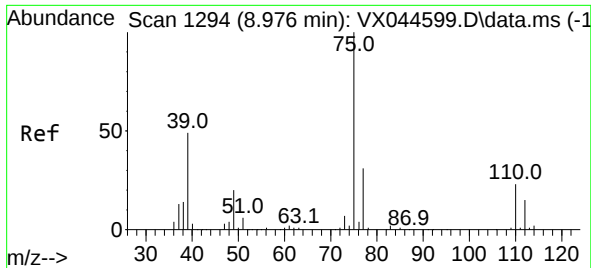
Tgt Ion: 43 Resp: 74867
Ion Ratio Lower Upper
43 100
58 36.5 30.0 45.0



#52
Toluene
Concen: 5.147 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 92 Resp: 28506
Ion Ratio Lower Upper
92 100
91 172.1 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 4.521 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

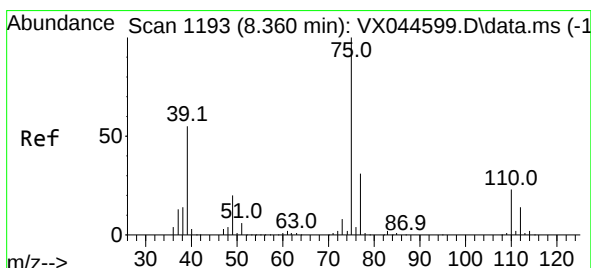
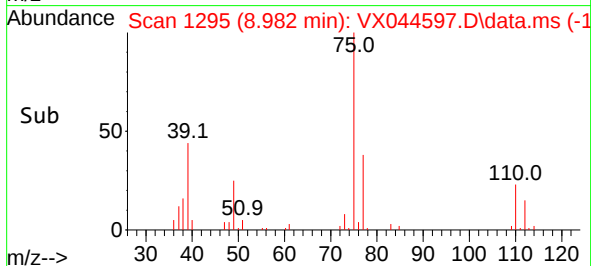
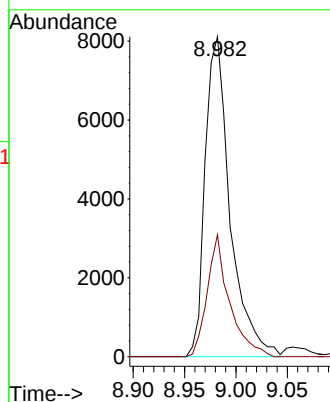
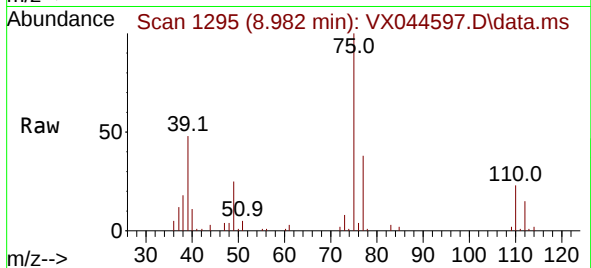
VSTDICC005

Tgt Ion: 75 Resp: 13689

Ion Ratio Lower Upper

75 100

77 38.1 24.8 37.2#



#54

cis-1,3-Dichloropropene

Concen: 4.640 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

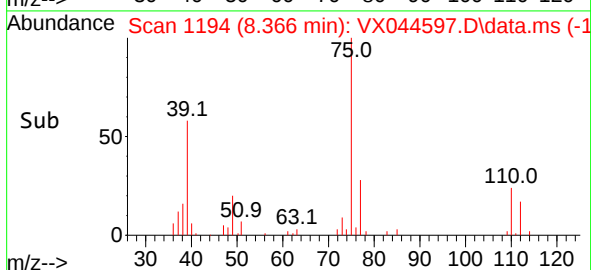
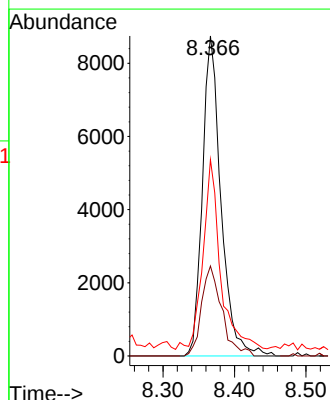
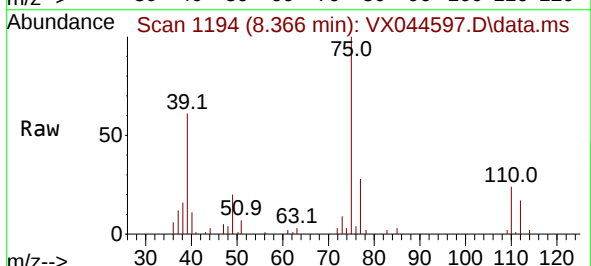
Tgt Ion: 75 Resp: 15789

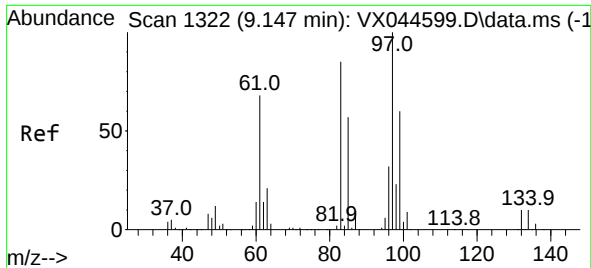
Ion Ratio Lower Upper

75 100

77 28.1 24.5 36.7

39 59.0 44.3 66.5



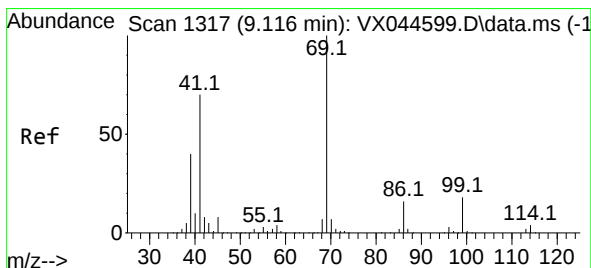
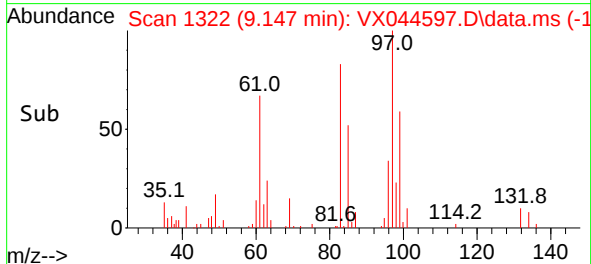
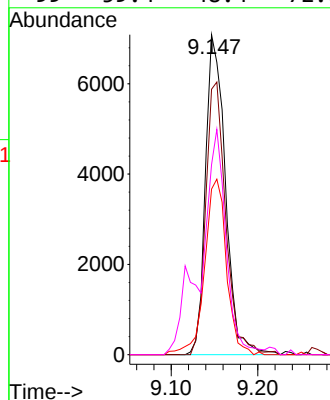
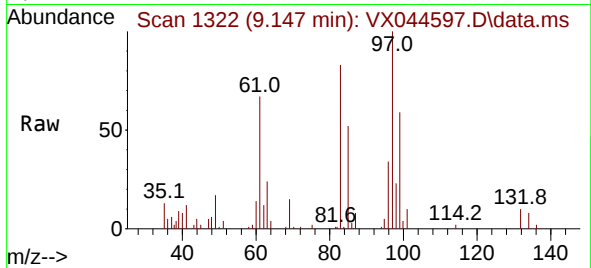


#55
1,1,2-Trichloroethane
Concen: 5.218 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 11331

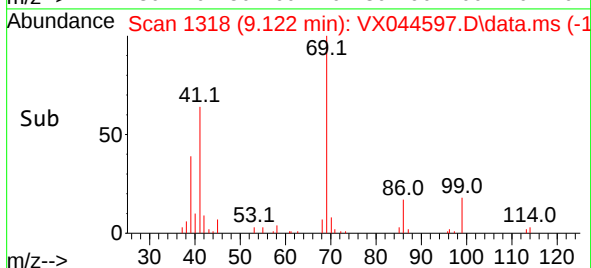
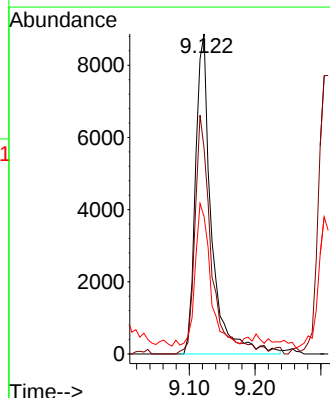
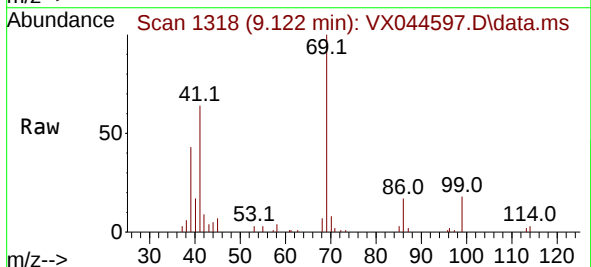
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.0	102.0
85	51.7	45.4	68.0
99	59.4	48.4	72.6

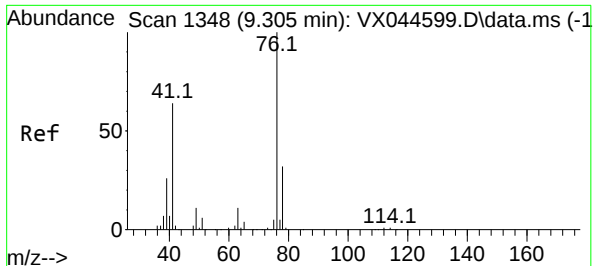


#56
Ethyl methacrylate
Concen: 4.741 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 69 Resp: 14973

Ion	Ratio	Lower	Upper
69	100		
41	75.3	57.7	86.5
39	42.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 5.271 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

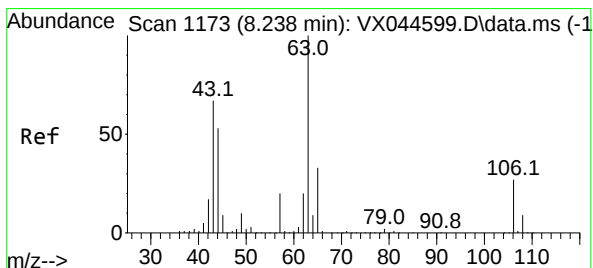
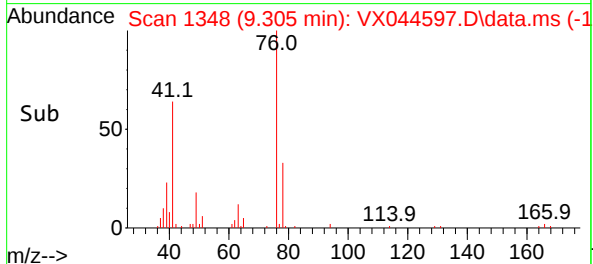
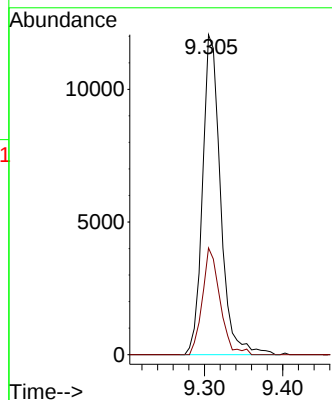
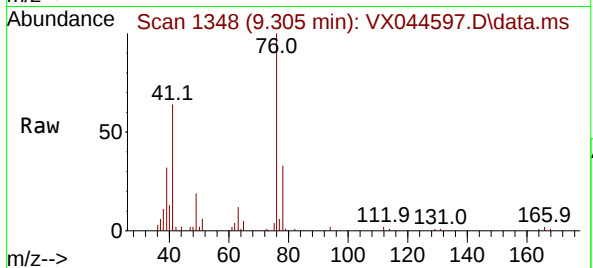
VSTDIC005

Tgt Ion: 76 Resp: 19219

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 23.707 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044597.D

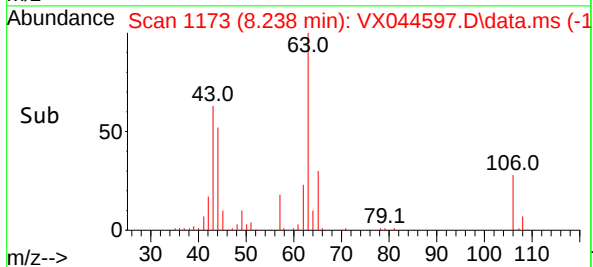
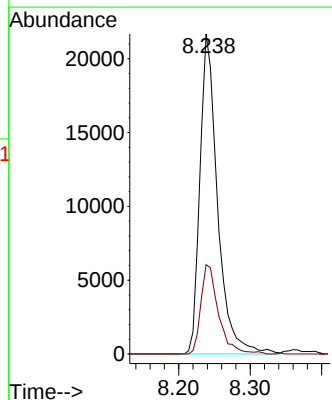
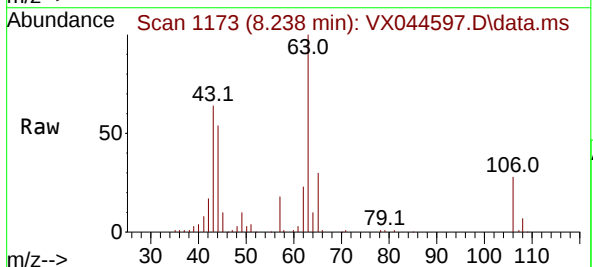
Acq: 07 Jan 2025 10:29

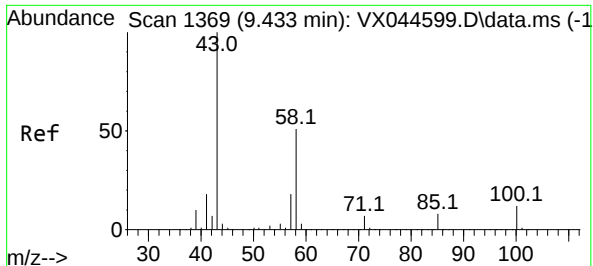
Tgt Ion: 63 Resp: 37113

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6





#59

2-Hexanone

Concen: 25.095 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

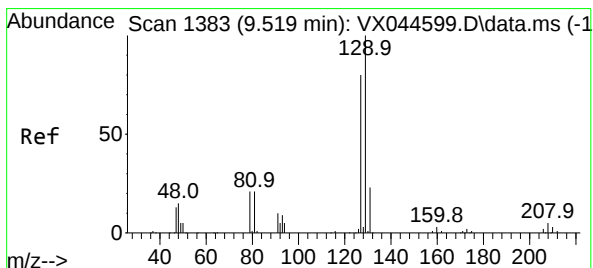
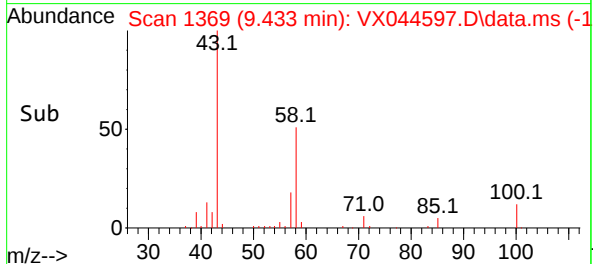
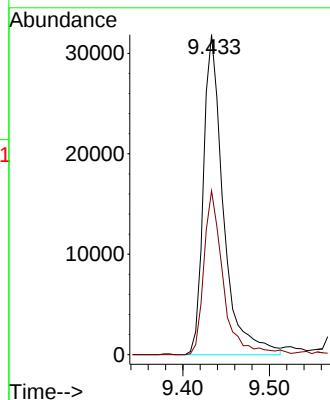
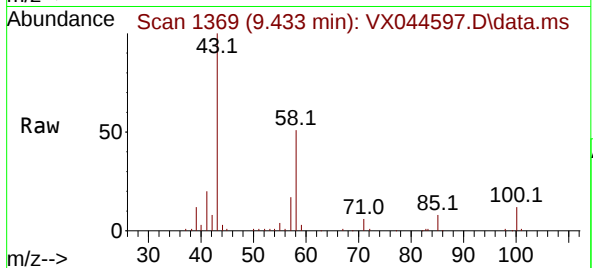
VSTDIC005

Tgt Ion: 43 Resp: 51047

Ion Ratio Lower Upper

43 100

58 49.5 25.4 76.4



#60

Dibromochloromethane

Concen: 4.629 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044597.D

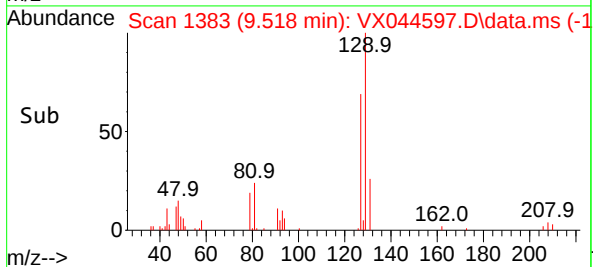
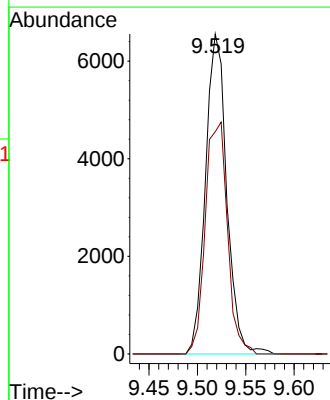
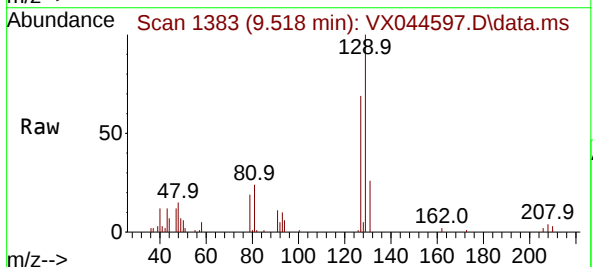
Acq: 07 Jan 2025 10:29

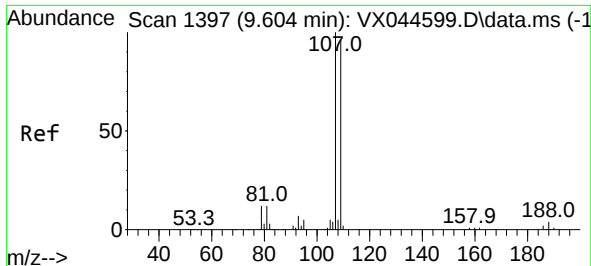
Tgt Ion: 129 Resp: 10022

Ion Ratio Lower Upper

129 100

127 75.6 38.9 116.7

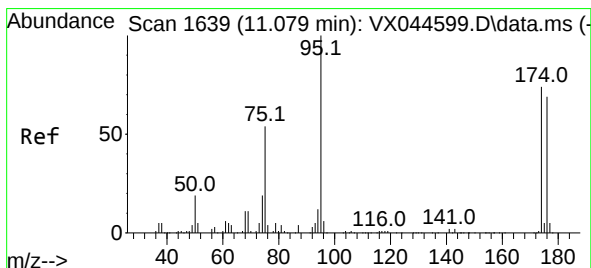
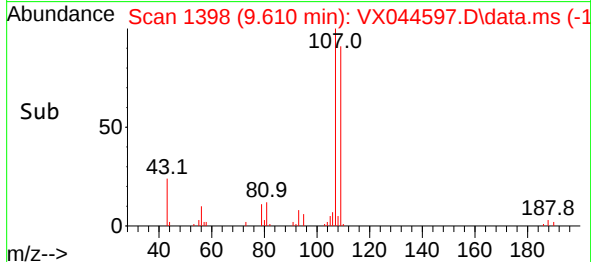
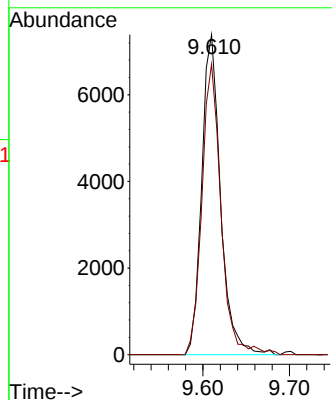
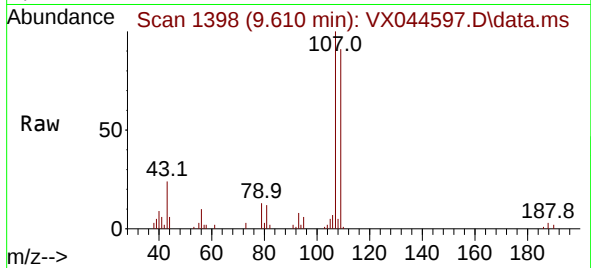




#61
1,2-Dibromoethane
Concen: 5.093 ug/l
RT: 9.610 min Scan# 11169
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

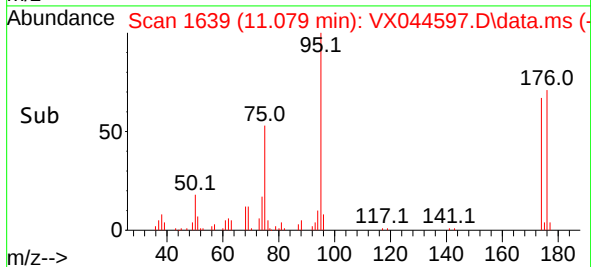
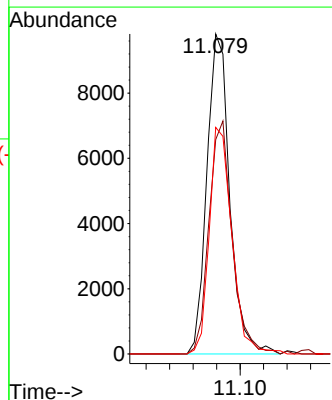
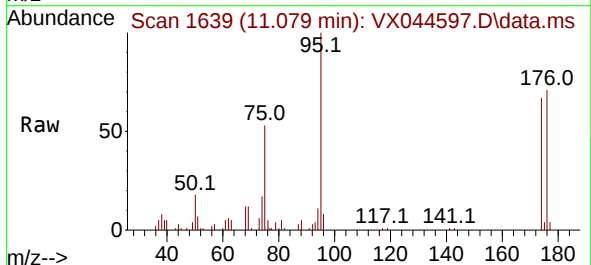
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

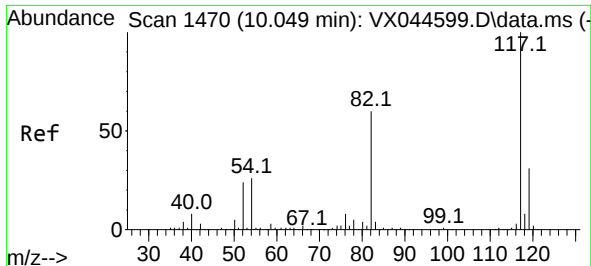
Tgt Ion:107 Resp: 11169
Ion Ratio Lower Upper
107 100
109 92.1 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 4.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 95 Resp: 13290
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.8
176 70.1 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

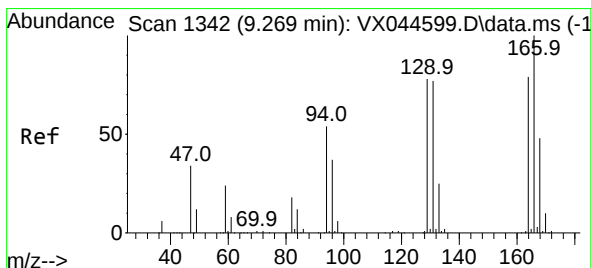
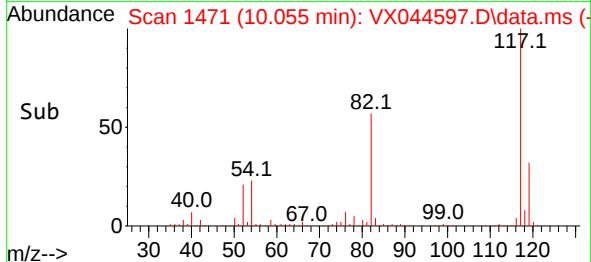
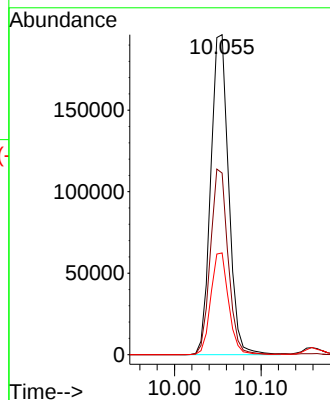
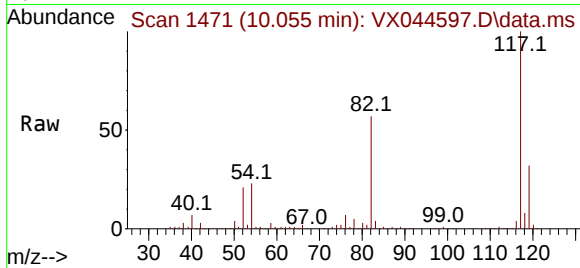
Tgt Ion:117 Resp: 281481

Ion Ratio Lower Upper

117 100

82 56.8 47.8 71.6

119 31.8 25.0 37.6



#64

Tetrachloroethene

Concen: 5.236 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:164 Resp: 10421

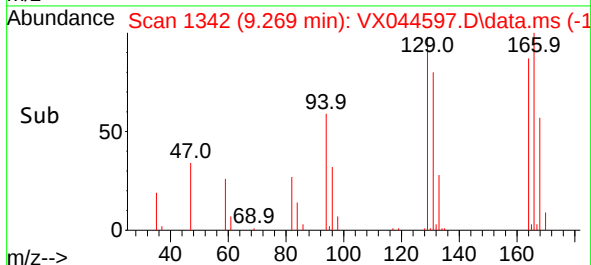
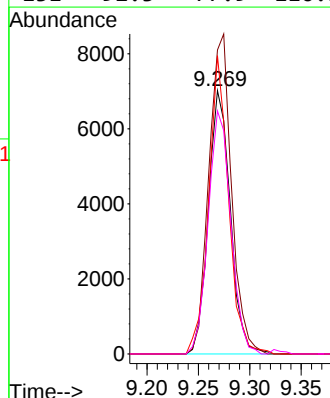
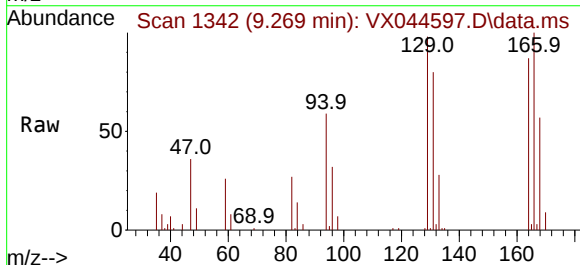
Ion Ratio Lower Upper

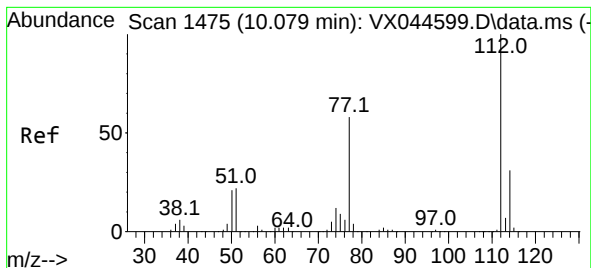
164 100

166 115.4 101.5 152.3

129 113.2 78.9 118.3

131 92.3 77.9 116.9





#65

Chlorobenzene

Concen: 5.132 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

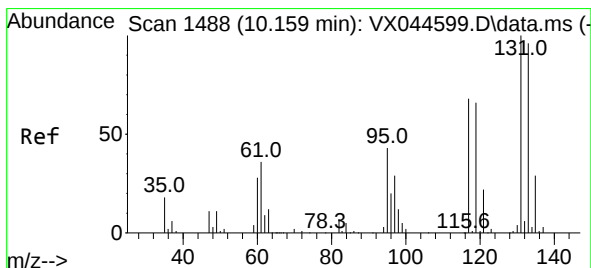
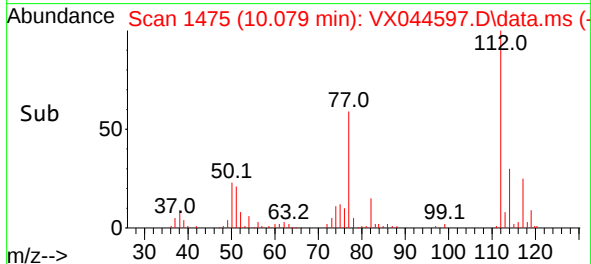
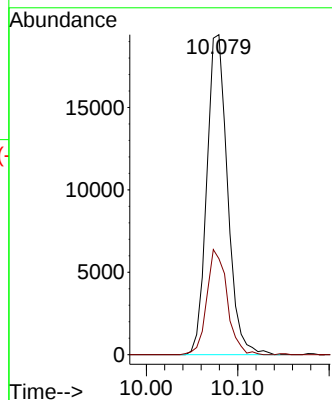
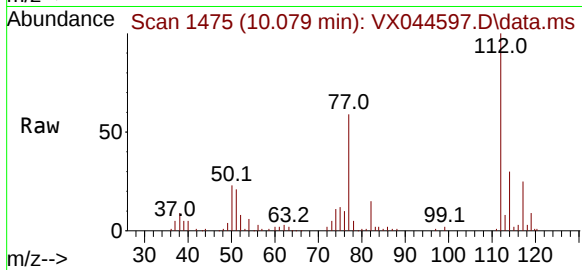
VSTDICC005

Tgt Ion:112 Resp: 30656

Ion Ratio Lower Upper

112 100

114 30.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 4.834 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

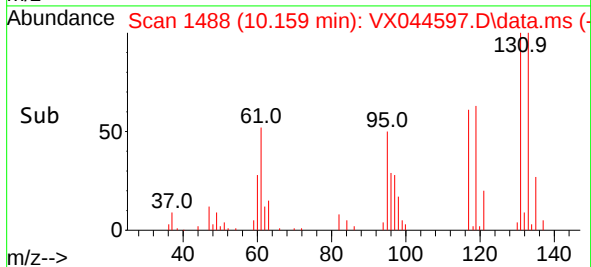
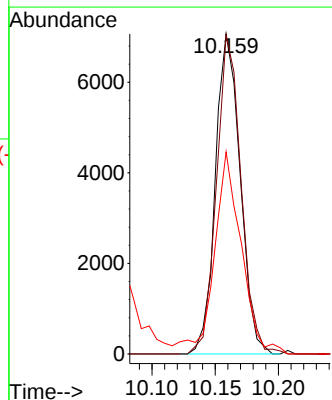
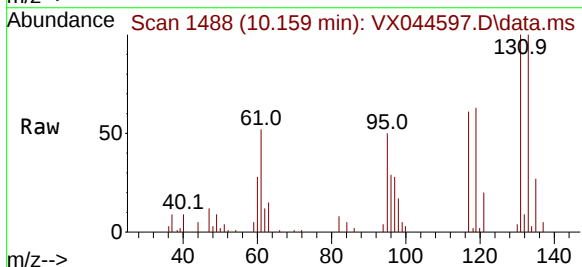
Tgt Ion:131 Resp: 9592

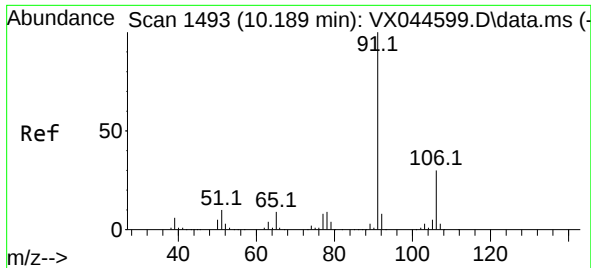
Ion Ratio Lower Upper

131 100

133 99.1 48.0 144.0

119 69.1 32.8 98.4

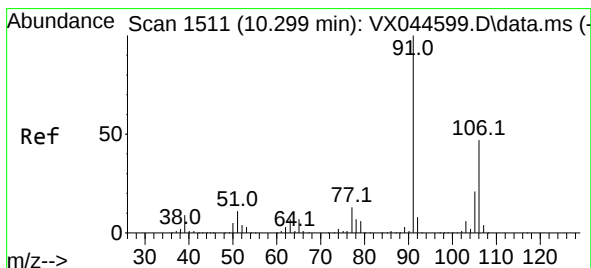
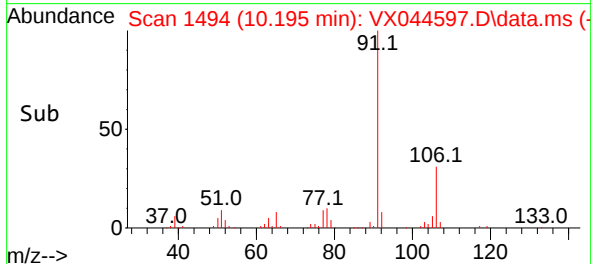
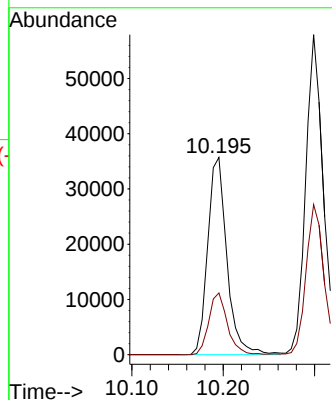
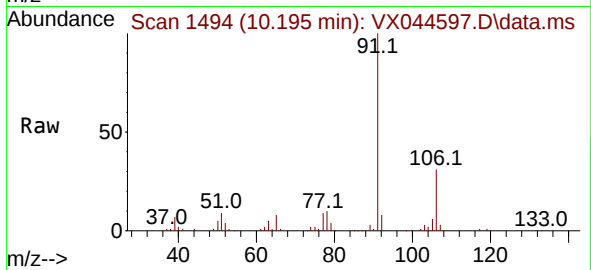




#67
Ethyl Benzene
Concen: 5.086 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

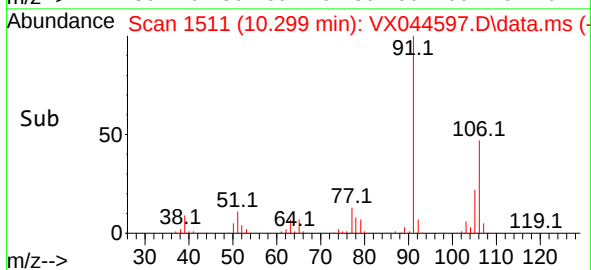
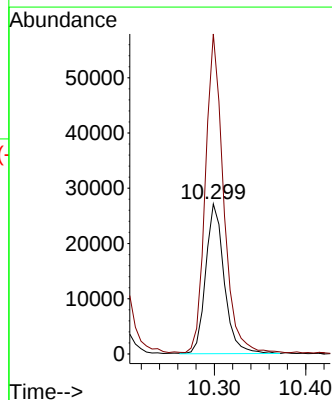
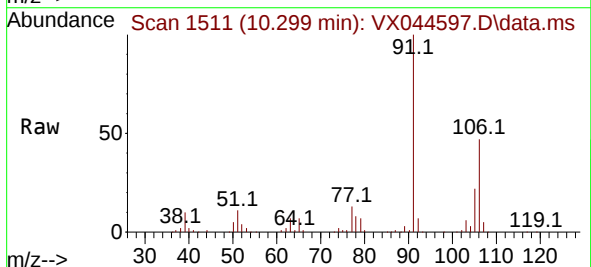
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

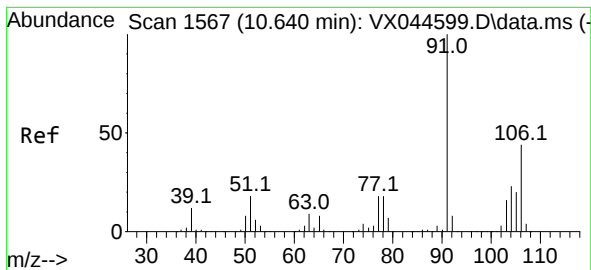
Tgt Ion: 91 Resp: 52173
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.8



#68
m/p-Xylenes
Concen: 10.109 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 106 Resp: 38109
Ion Ratio Lower Upper
106 100
91 207.7 170.4 255.6

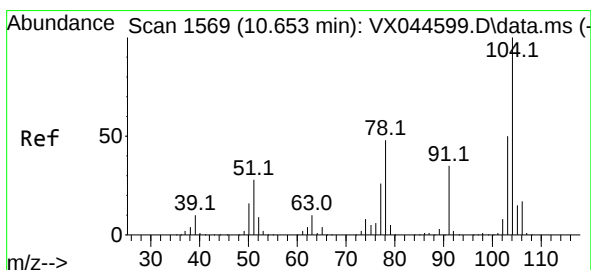
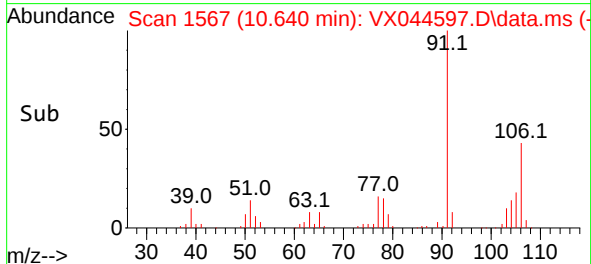
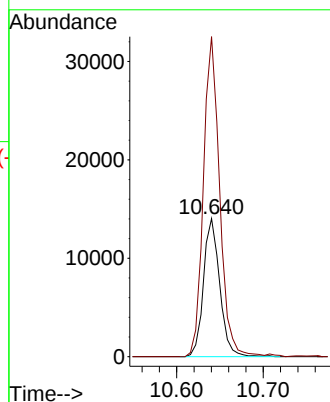
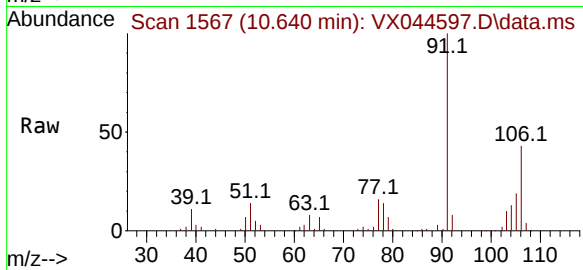




#69
o-Xylene
Concen: 4.812 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

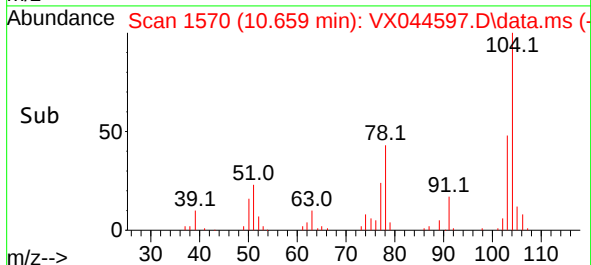
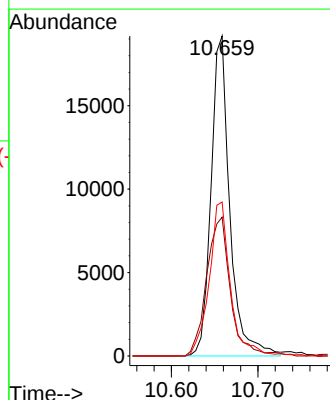
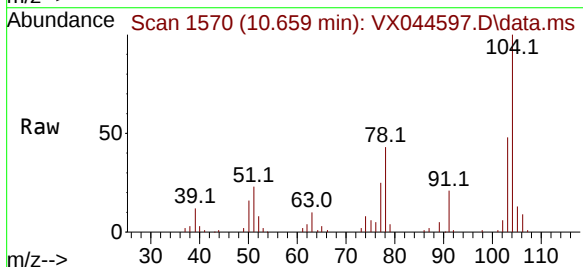
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

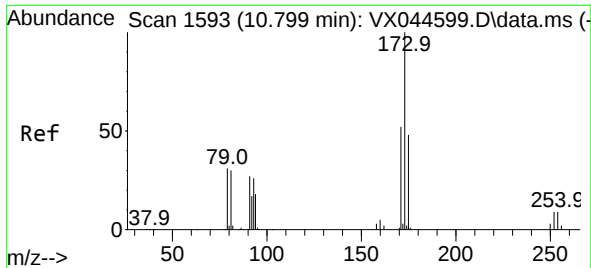
Tgt Ion:106 Resp: 18309
Ion Ratio Lower Upper
106 100
91 231.2 112.3 336.8



#70
Styrene
Concen: 4.745 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:104 Resp: 28881
Ion Ratio Lower Upper
104 100
78 55.2 44.0 66.0
103 54.6 43.8 65.6

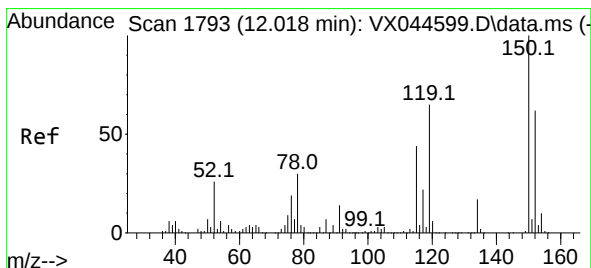
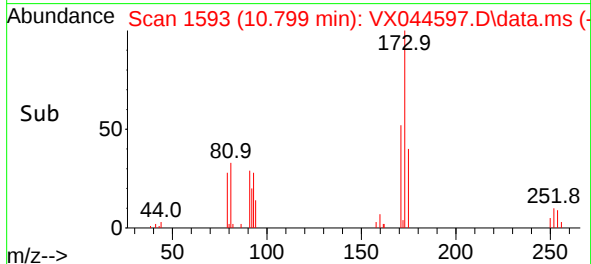
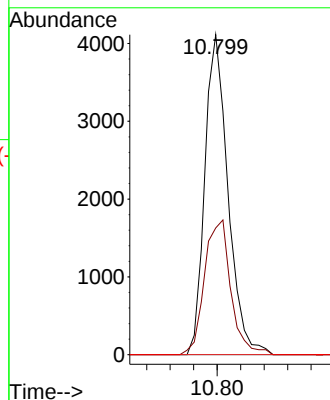
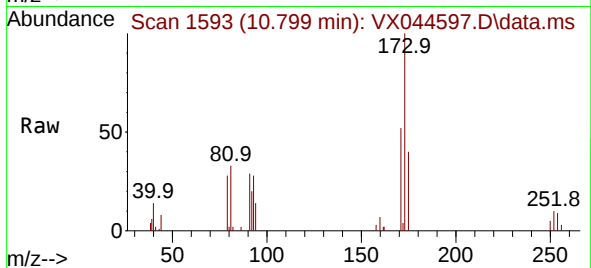




#71
Bromoform
Concen: 4.960 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

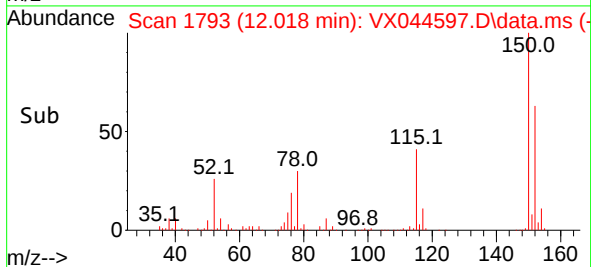
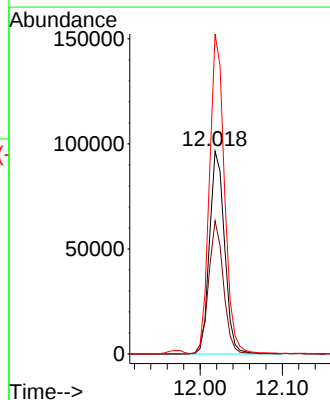
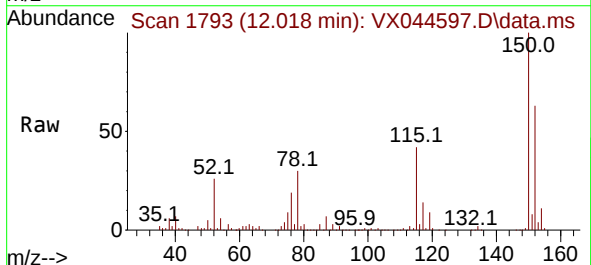
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

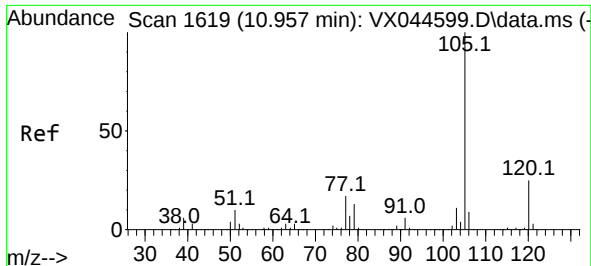
Tgt Ion:173 Resp: 5635
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:152 Resp: 122676
Ion Ratio Lower Upper
152 100
115 64.8 44.4 133.1
150 156.9 0.0 355.0

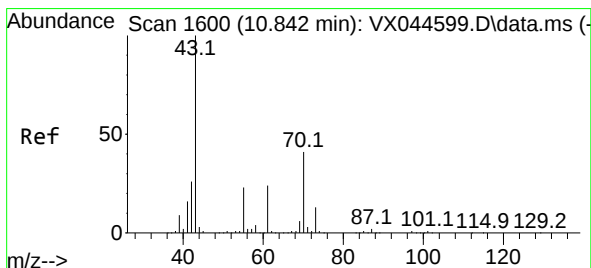
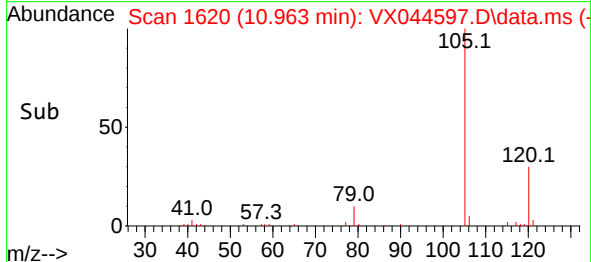
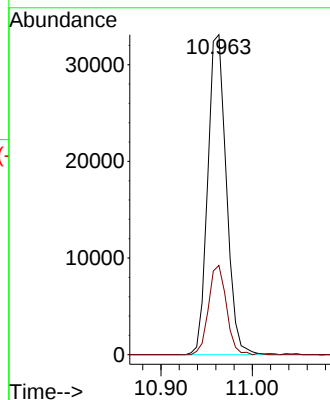
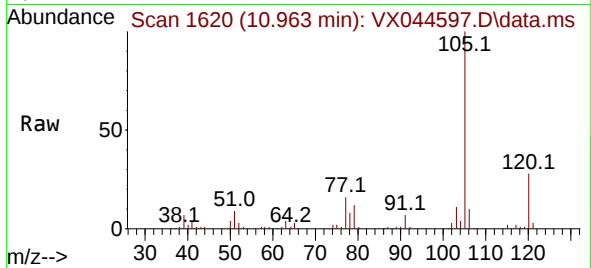




#73
Isopropylbenzene
Concen: 5.131 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

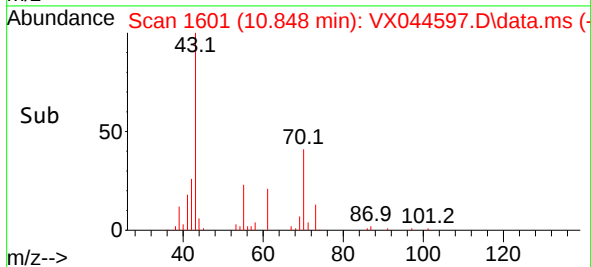
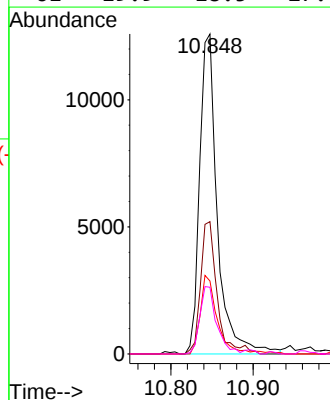
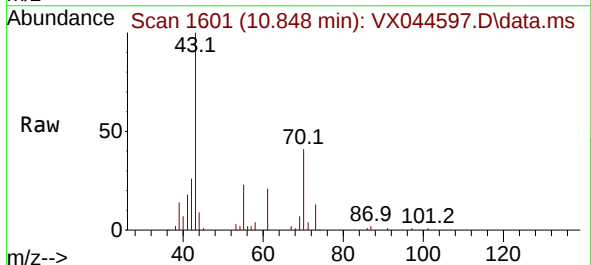
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

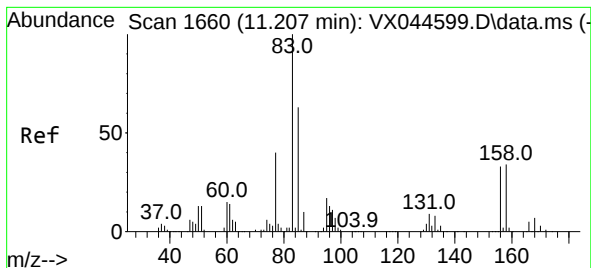
Tgt Ion:105 Resp: 46634
Ion Ratio Lower Upper
105 100
120 26.9 13.0 38.9



#74
N-ethyl acetate
Concen: 5.114 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 43 Resp: 18861
Ion Ratio Lower Upper
43 100
70 38.5 32.9 49.3
55 23.9 19.0 28.6
61 19.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.528 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

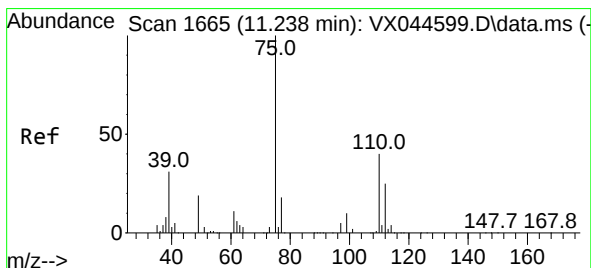
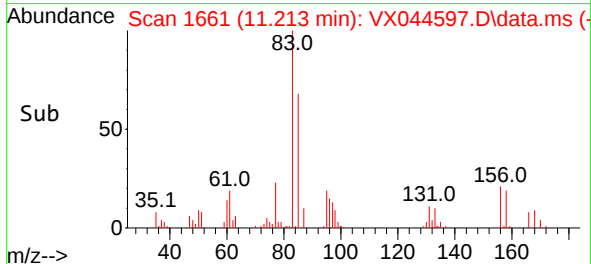
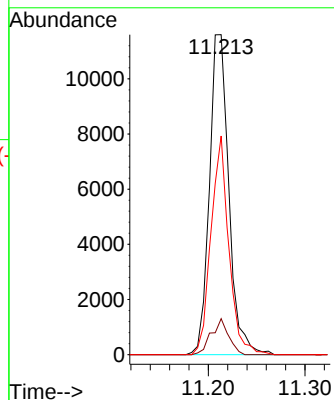
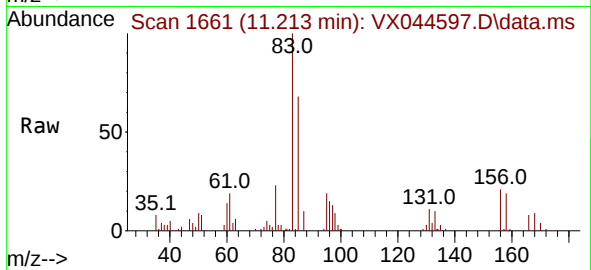
Tgt Ion: 83 Resp: 16194

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 62.9 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 6.311 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044597.D

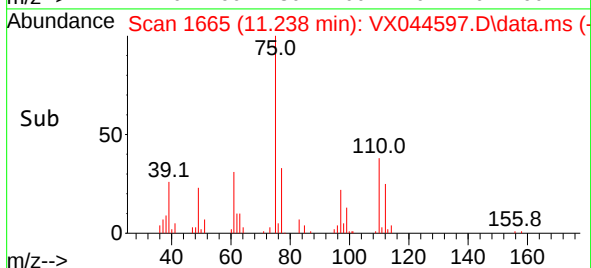
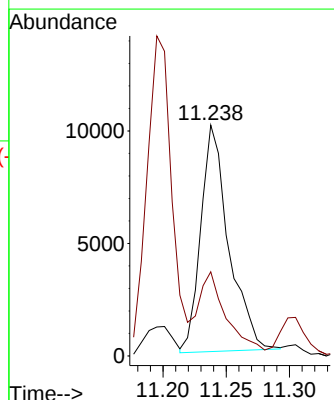
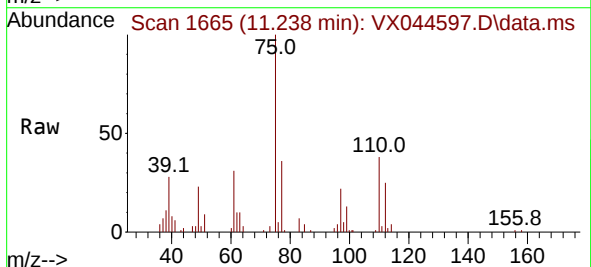
Acq: 07 Jan 2025 10:29

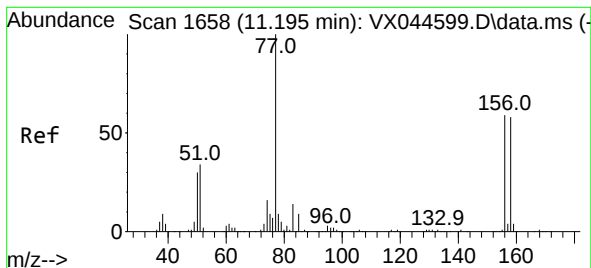
Tgt Ion: 75 Resp: 15521

Ion Ratio Lower Upper

75 100

77 38.7 21.1 63.1





#77

Bromobenzene

Concen: 5.413 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

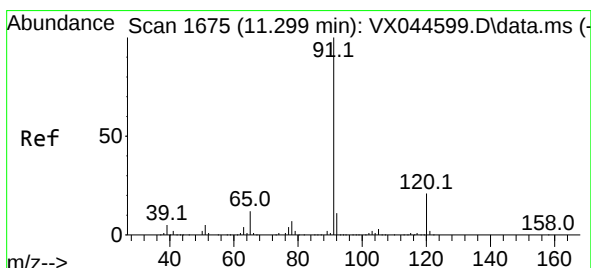
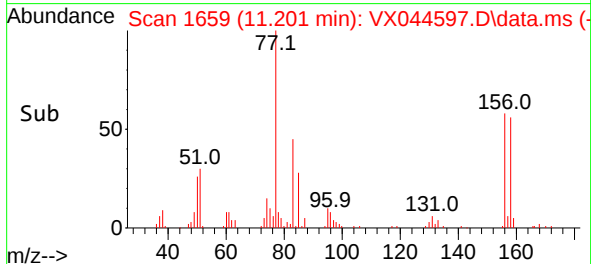
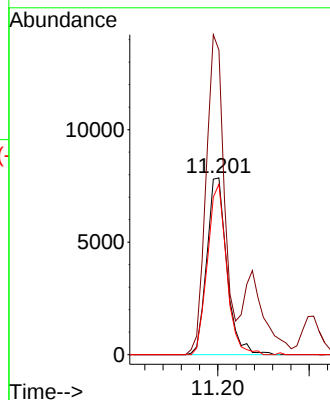
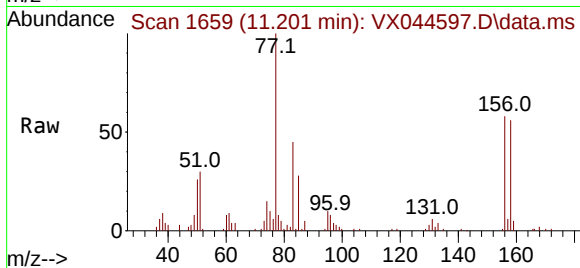
Tgt Ion:156 Resp: 11951

Ion Ratio Lower Upper

156 100

77 164.0 85.7 257.1

158 92.2 49.9 149.6



#78

n-propylbenzene

Concen: 5.237 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044597.D

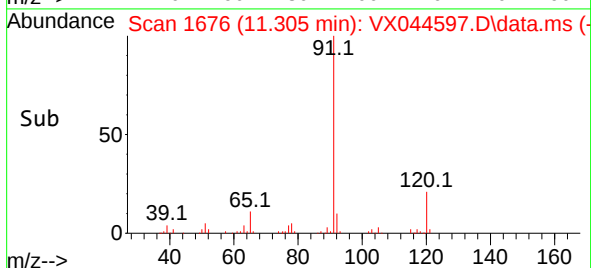
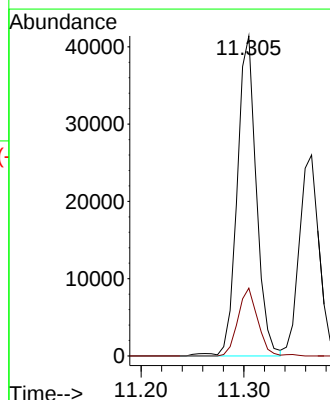
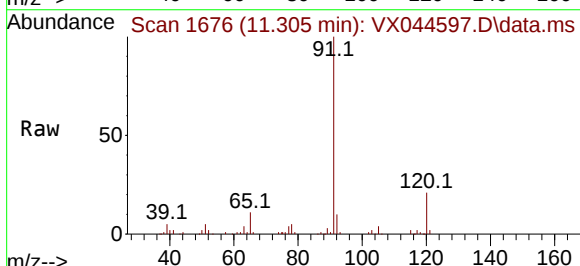
Acq: 07 Jan 2025 10:29

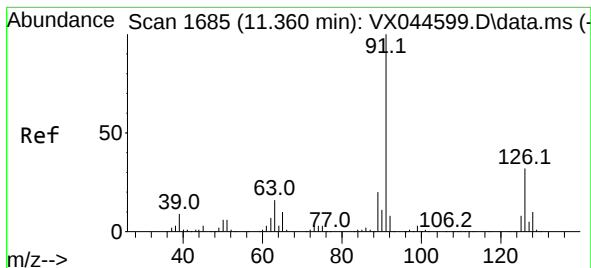
Tgt Ion: 91 Resp: 53610

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 5.330 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

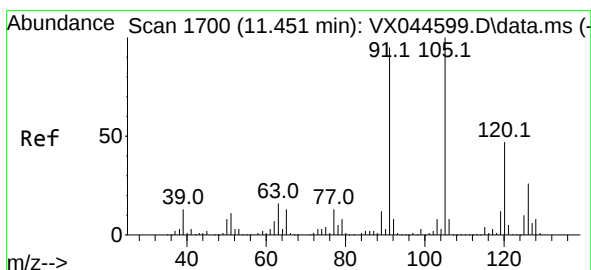
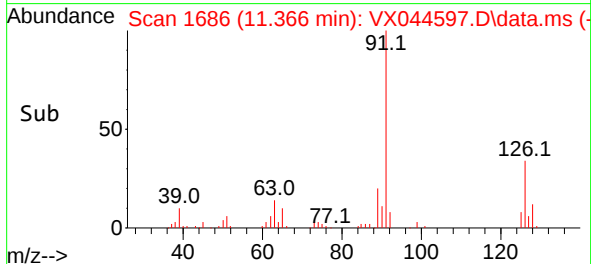
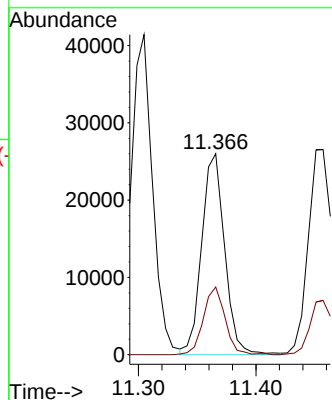
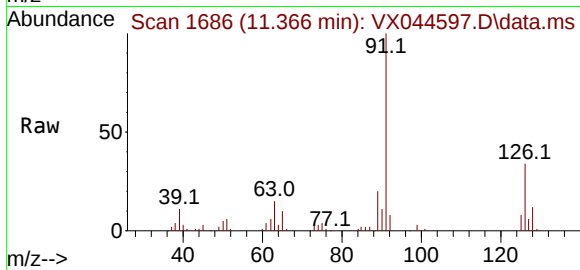
VSTDIC005

Tgt Ion: 91 Resp: 35356

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 5.422 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044597.D

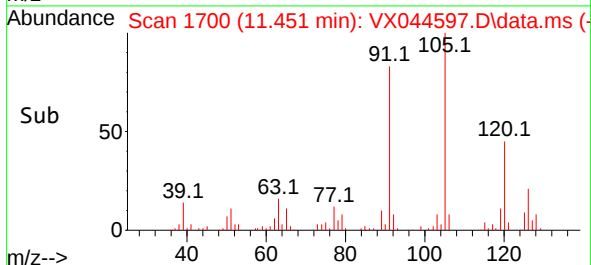
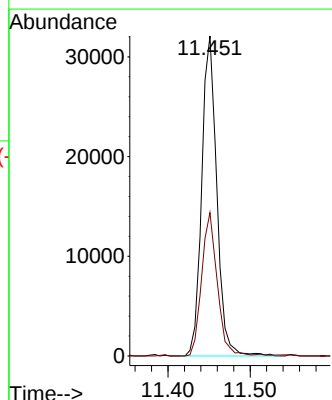
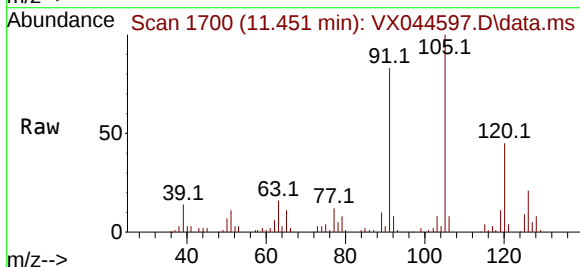
Acq: 07 Jan 2025 10:29

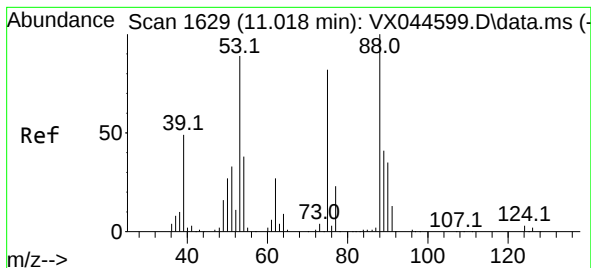
Tgt Ion:105 Resp: 40862

Ion Ratio Lower Upper

105 100

120 46.3 23.5 70.5

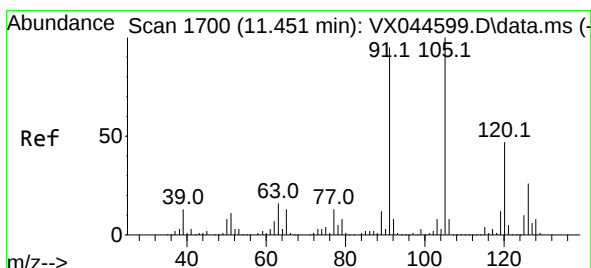
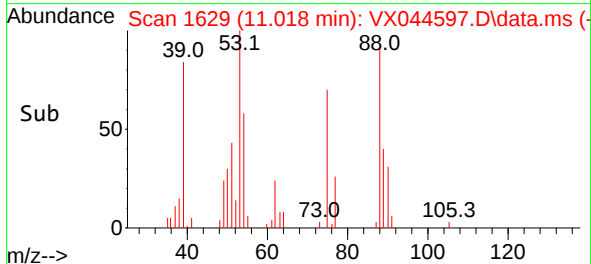
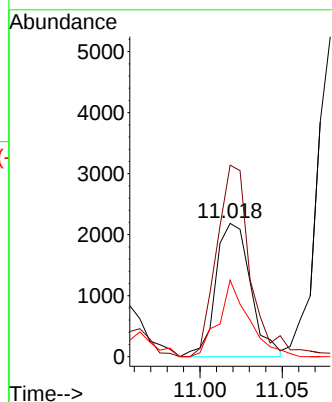
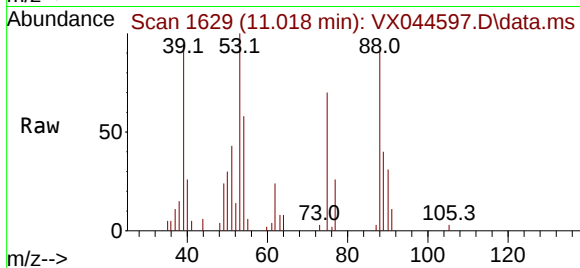




#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.975 ug/l
 RT: 11.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

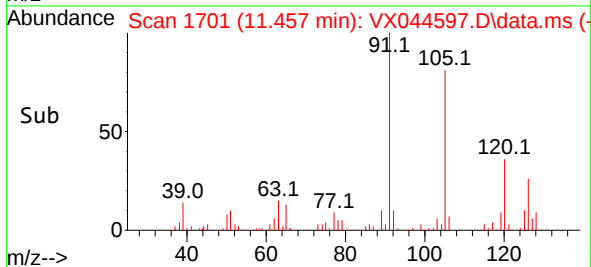
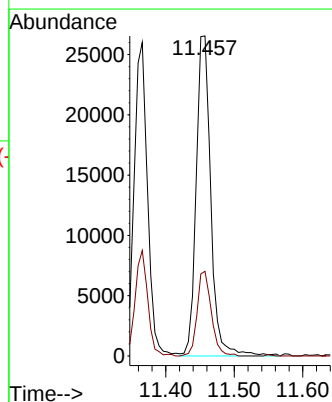
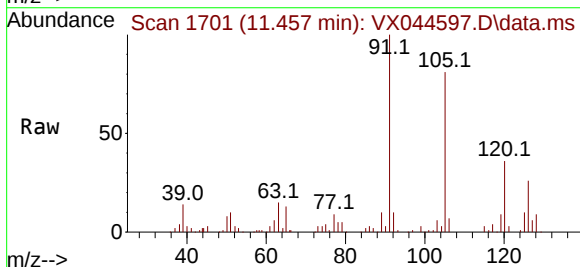
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

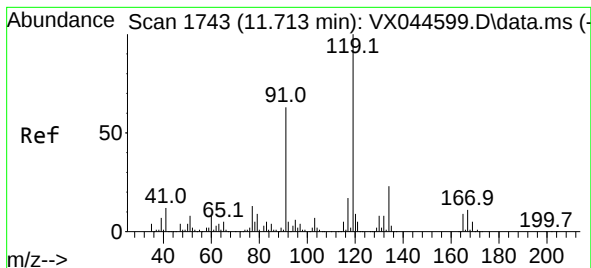
Tgt Ion: 75 Resp: 3211
 Ion Ratio Lower Upper
 75 100
 53 142.3 92.7 139.1#
 89 50.1 38.3 57.5



#82
 4-Chlorotoluene
 Concen: 5.298 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX044597.D
 Acq: 07 Jan 2025 10:29

Tgt Ion: 91 Resp: 39535
 Ion Ratio Lower Upper
 91 100
 126 25.6 14.0 42.0





#83

tert-Butylbenzene

Concen: 5.274 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

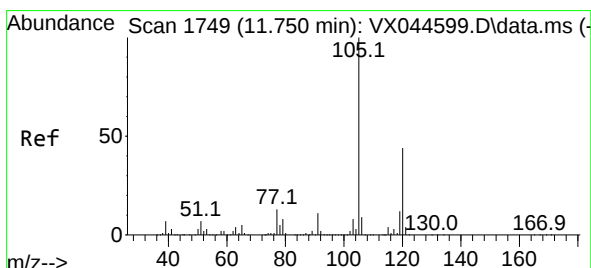
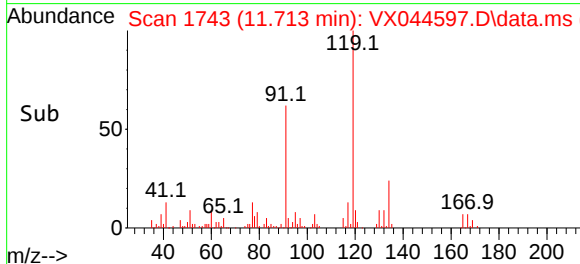
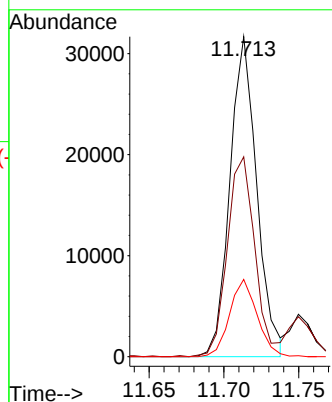
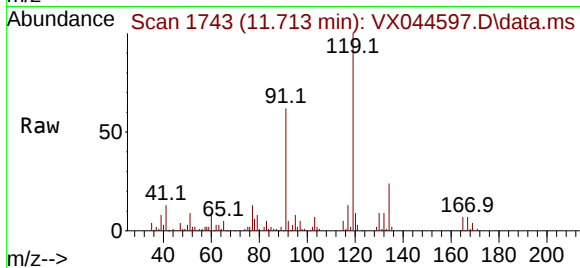
Tgt Ion:119 Resp: 39571

Ion Ratio Lower Upper

119 100

91 64.4 30.9 92.8

134 24.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 4.961 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044597.D

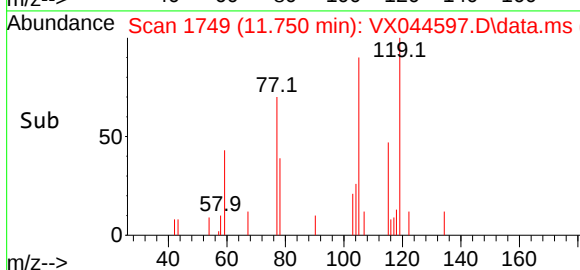
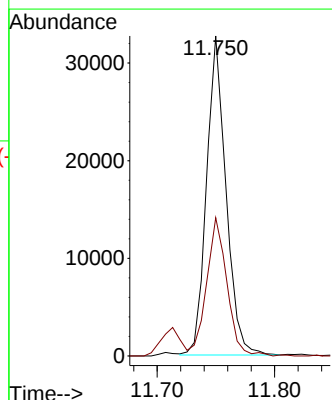
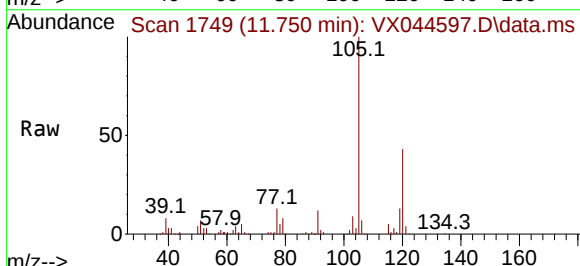
Acq: 07 Jan 2025 10:29

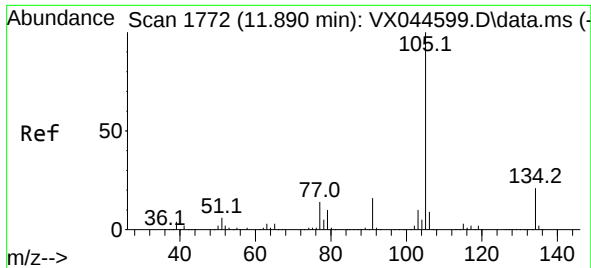
Tgt Ion:105 Resp: 37556

Ion Ratio Lower Upper

105 100

120 45.5 21.9 65.7

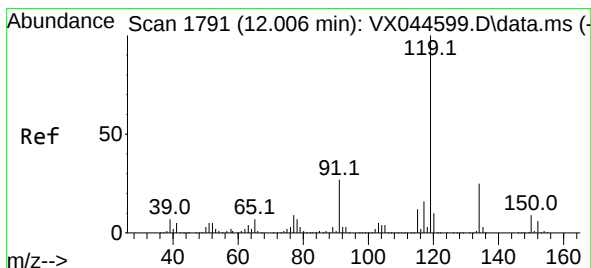
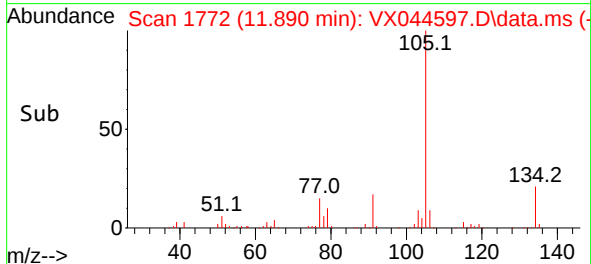
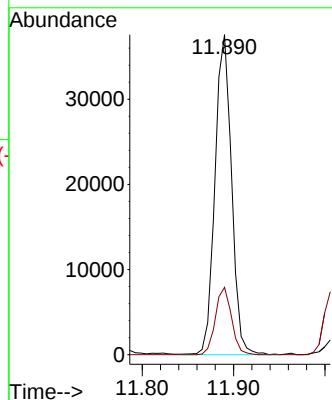
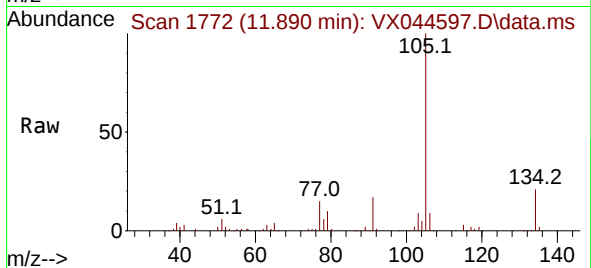




#85
sec-Butylbenzene
Concen: 5.173 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

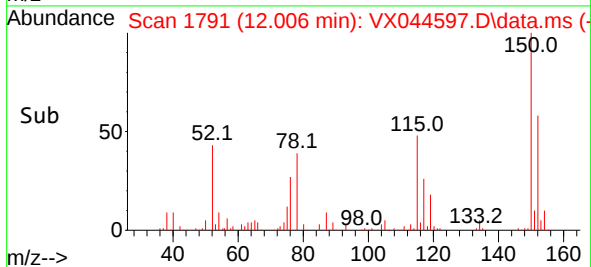
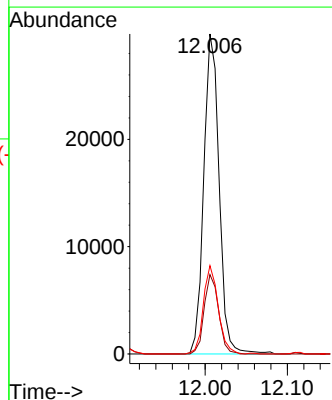
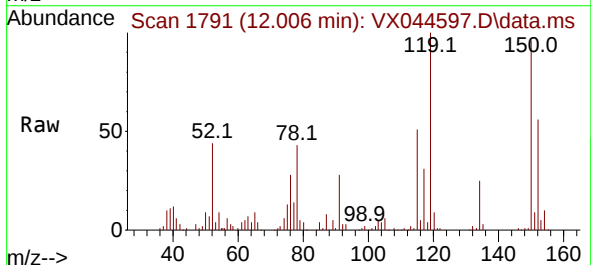
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

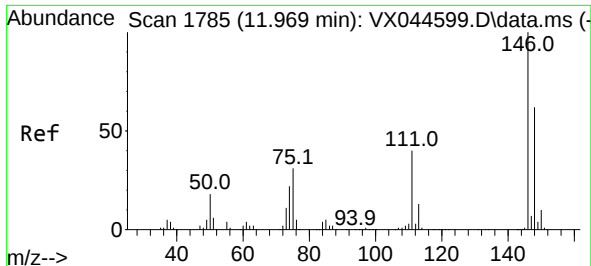
Tgt Ion:105 Resp: 47269
Ion Ratio Lower Upper
105 100
134 20.4 9.9 29.7



#86
p-Isopropyltoluene
Concen: 5.046 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion:119 Resp: 38691
Ion Ratio Lower Upper
119 100
134 23.3 12.6 37.8
91 26.8 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 5.096 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

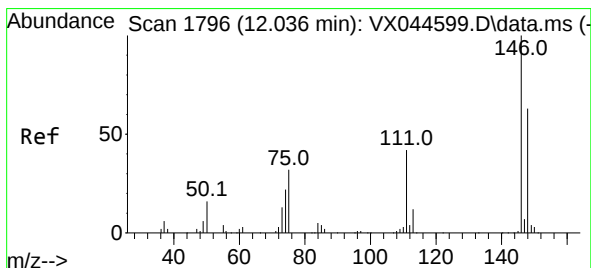
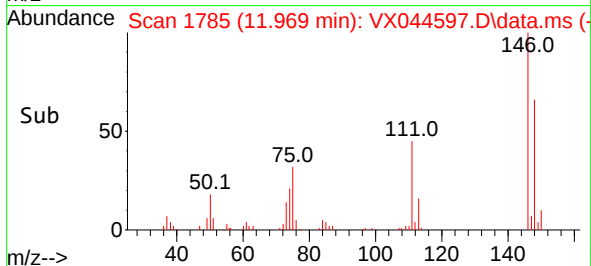
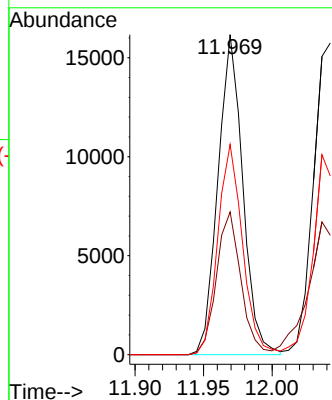
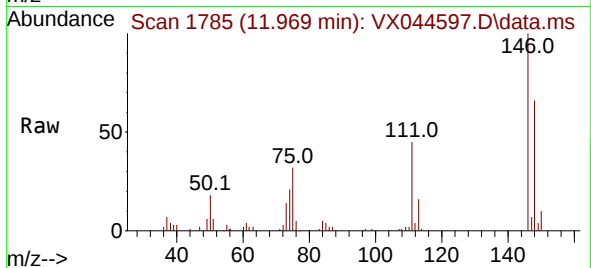
Tgt Ion:146 Resp: 20352

Ion Ratio Lower Upper

146 100

111 44.2 21.0 63.0

148 65.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 5.248 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

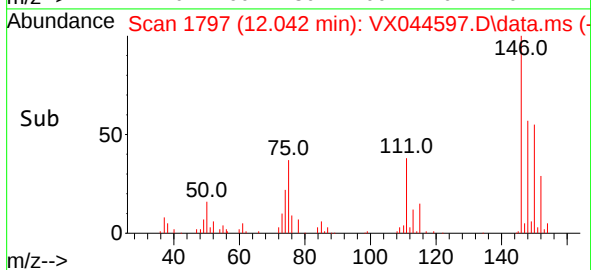
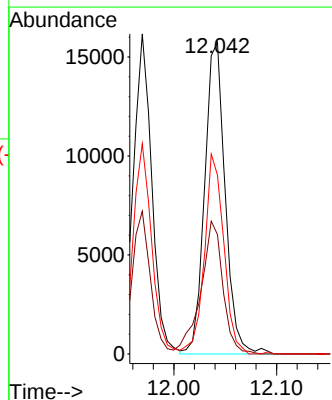
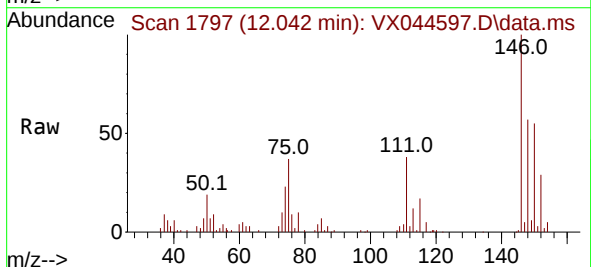
Tgt Ion:146 Resp: 21839

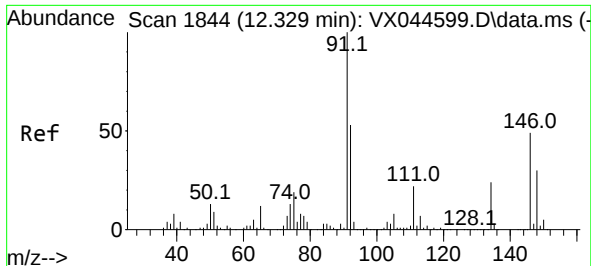
Ion Ratio Lower Upper

146 100

111 46.1 20.7 62.1

148 60.4 31.8 95.4





#89

n-Butylbenzene

Concen: 4.731 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

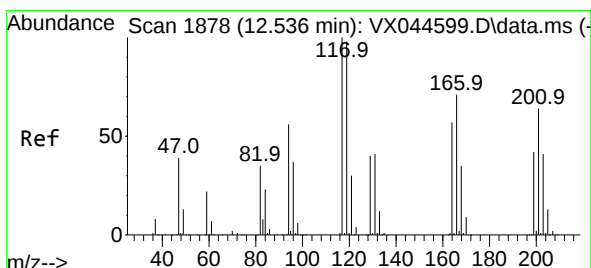
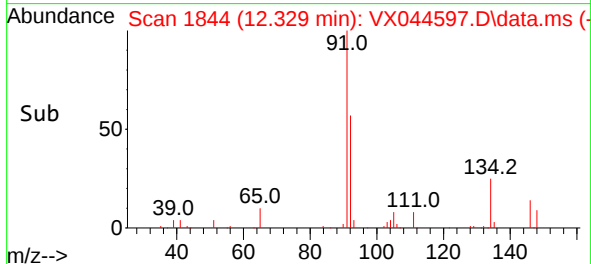
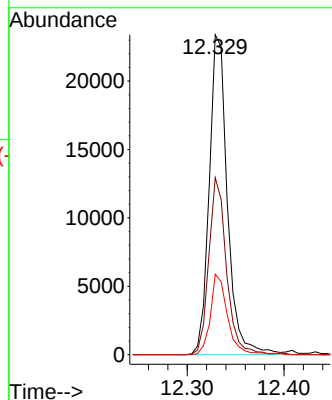
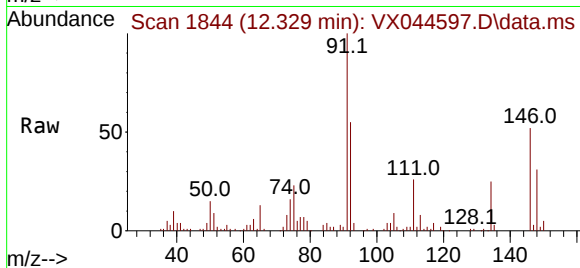
Tgt Ion: 91 Resp: 30630

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.4

134 23.7 12.4 37.2



#90

Hexachloroethane

Concen: 4.255 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044597.D

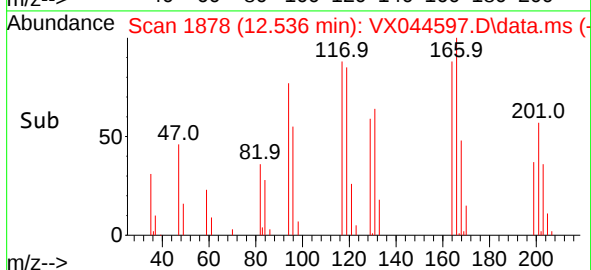
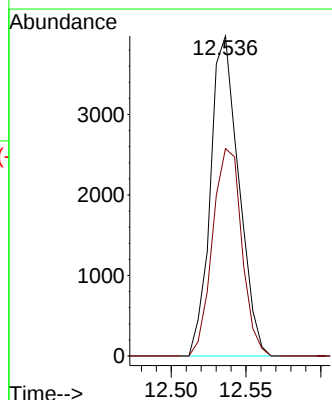
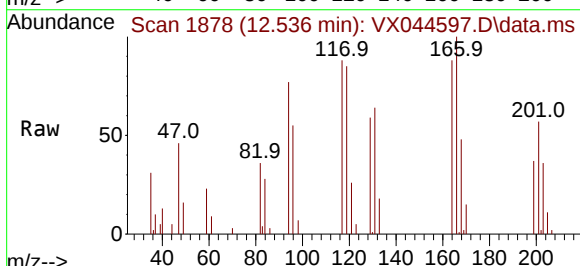
Acq: 07 Jan 2025 10:29

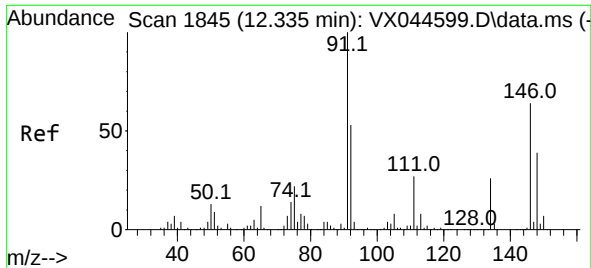
Tgt Ion: 117 Resp: 5241

Ion Ratio Lower Upper

117 100

201 66.9 33.6 100.6

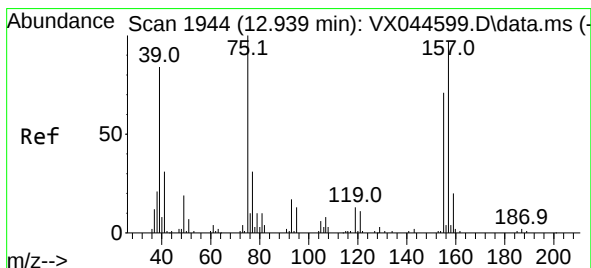
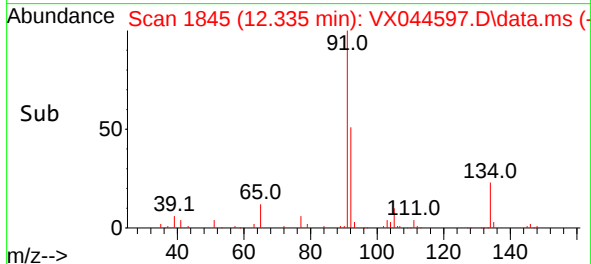
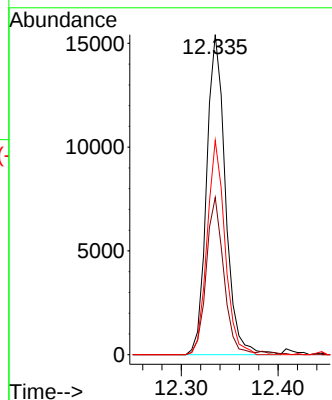
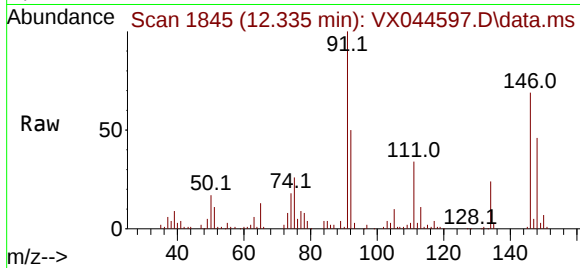




#91
1,2-Dichlorobenzene
Concen: 5.165 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

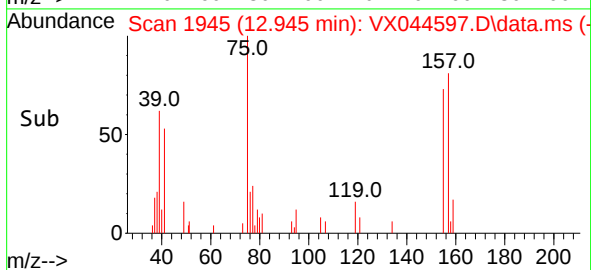
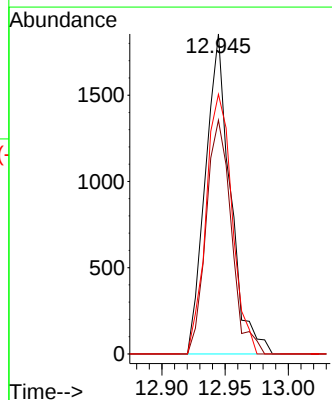
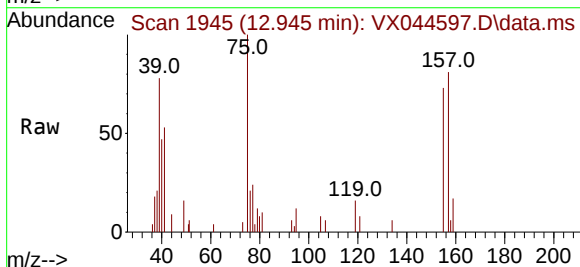
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

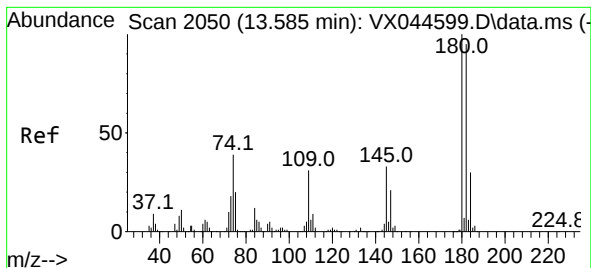
Tgt Ion:146 Resp: 20848
Ion Ratio Lower Upper
146 100
111 45.9 21.8 65.4
148 63.6 31.1 93.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.591 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044597.D
Acq: 07 Jan 2025 10:29

Tgt Ion: 75 Resp: 2550
Ion Ratio Lower Upper
75 100
155 73.8 37.4 112.1
157 85.1 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 4.650 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

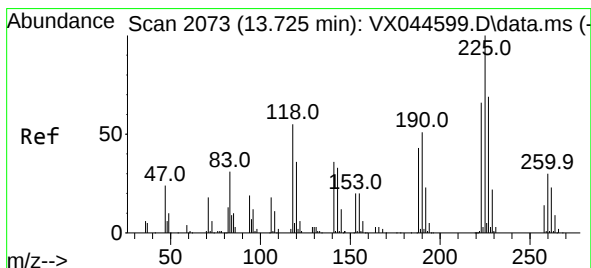
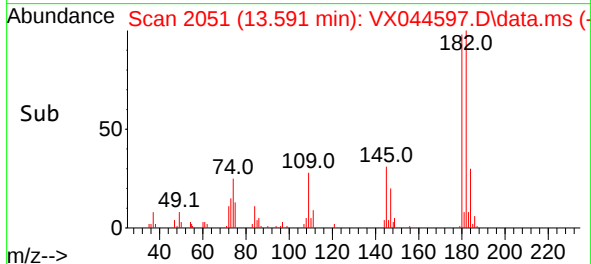
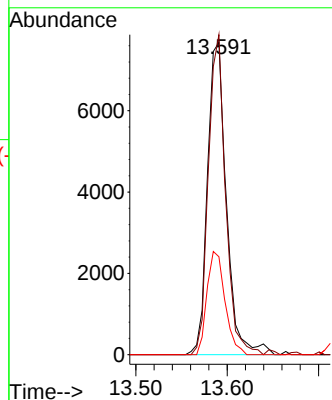
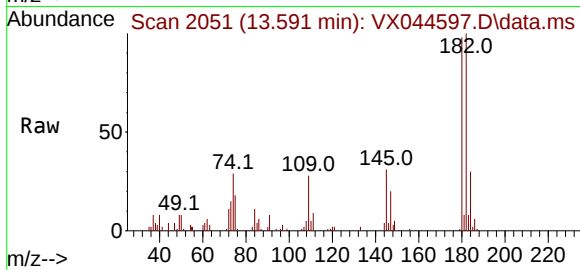
Tgt Ion:180 Resp: 11030

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.6

145 31.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 5.007 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

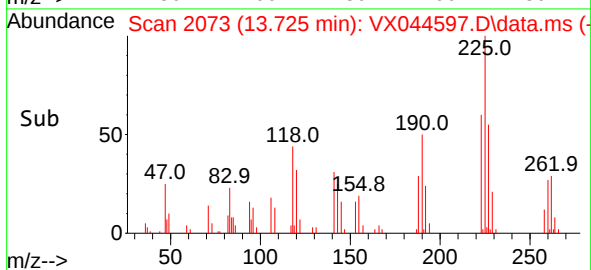
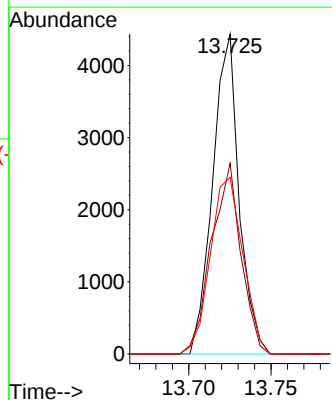
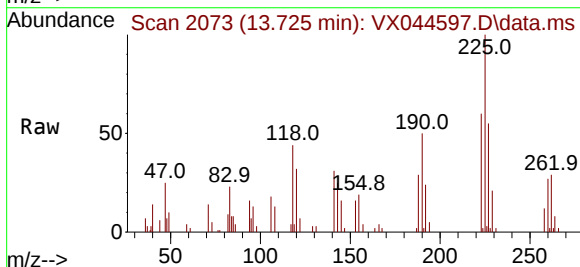
Tgt Ion:225 Resp: 4946

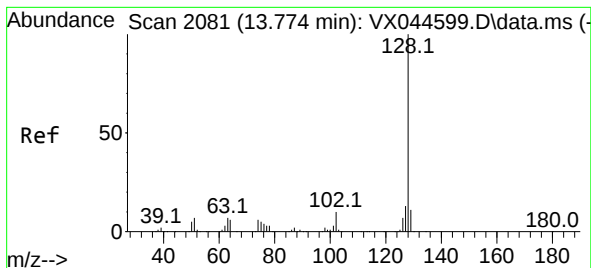
Ion Ratio Lower Upper

225 100

223 66.4 31.6 94.8

227 68.4 31.9 95.9





#95

Naphthalene

Concen: 4.533 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

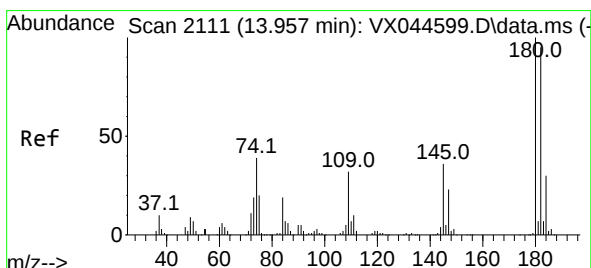
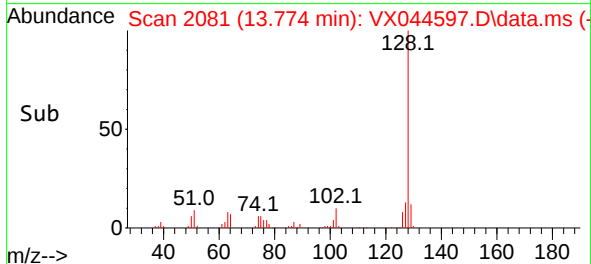
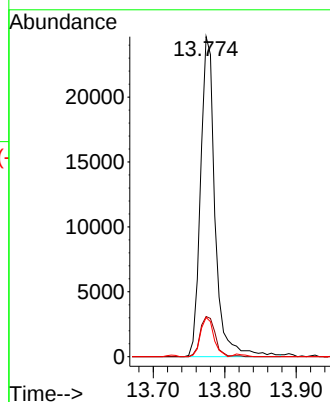
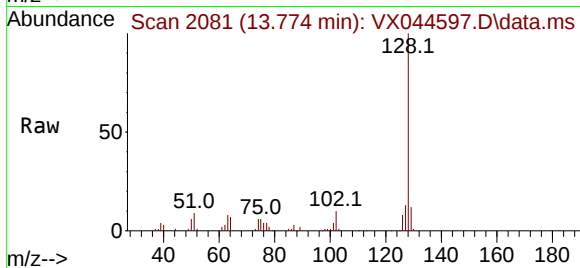
Tgt Ion:128 Resp: 34693

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.667 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044597.D

Acq: 07 Jan 2025 10:29

Tgt Ion:180 Resp: 11316

Ion Ratio Lower Upper

180 100

182 97.6 47.6 142.9

145 33.8 17.6 52.9

