

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044250.D
 Acq On : 12 Dec 2024 14:23
 Operator : JC/MD
 Sample : P5261-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20241209

Quant Time: Dec 13 01:40:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	109125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95018	49.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	5.379	113	68518	47.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	8.647	98	250910	52.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
62) 4-Bromofluorobenzene	11.079	95	78938	46.856	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.720%

Target Compounds			Qvalue			
3) Chloromethane	1.288	50	115	0.071	ug/l #	42
4) Vinyl Chloride	1.587	62	73	0.043	ug/l #	60
5) Bromomethane	1.599	94	691	0.579	ug/l #	47
6) Chloroethane	1.617	64	134	0.128	ug/l #	41
7) Trichlorofluoromethane	1.867	101	58	0.018	ug/l #	18
10) Methyl Iodide	2.453	142	94	0.054	ug/l #	34
11) Tert butyl alcohol	2.946	59	2427	9.000	ug/l #	71
13) Acrolein	2.245	56	22	0.056	ug/l #	1
14) Allyl chloride	2.648	41	185	0.091	ug/l #	58
16) Acetone	2.386	43	375	0.481	ug/l #	48
17) Carbon Disulfide	2.501	76	281	0.121	ug/l #	75
18) Methyl Acetate	2.709	43	217	0.108	ug/l #	54
20) Methylene Chloride	2.782	84	207	0.141	ug/l #	67
21) trans-1,2-Dichloroethene	3.093	96	79	0.061	ug/l #	62
23) Vinyl Acetate	3.824	43	42	0.011	ug/l #	73
25) 2-Butanone	4.599	43	35	0.032	ug/l #	50
28) Bromochloromethane	4.970	49	20	0.016	ug/l #	13
29) Tetrahydrofuran	4.781	42	41	0.058	ug/l #	32
31) Cyclohexane	5.543	56	3152	1.526	ug/l #	42
32) 1,1,1-Trichloroethane	5.324	97	19	0.008	ug/l #	24
36) 1,1-Dichloropropene	5.537	75	10608	5.742	ug/l #	45
37) Ethyl Acetate	4.660	43	24	0.011	ug/l #	71
38) Carbon Tetrachloride	5.537	117	12818	6.445	ug/l #	17
39) Methylcyclohexane	7.379	83	30	0.014	ug/l #	18
41) Methacrylonitrile	4.928	41	52	0.043	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	150	0.065	ug/l #	78
43) Isopropyl Acetate	6.367	43	19	0.005	ug/l #	63
44) Trichloroethene	7.129	130	439	0.314	ug/l	56
48) Methyl methacrylate	7.689	41	143	0.083	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	1440	0.627	ug/l #	1
52) Toluene	8.714	92	77	0.022	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.165	63	21	0.019	ug/l #	46
59) 2-Hexanone	9.177	43	52	0.031	ug/l #	26
65) Chlorobenzene	10.079	112	161	0.042	ug/l #	43
67) Ethyl Benzene	10.201	91	97	0.015	ug/l #	1
68) m/p-Xylenes	10.311	106	244	0.101	ug/l	76

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

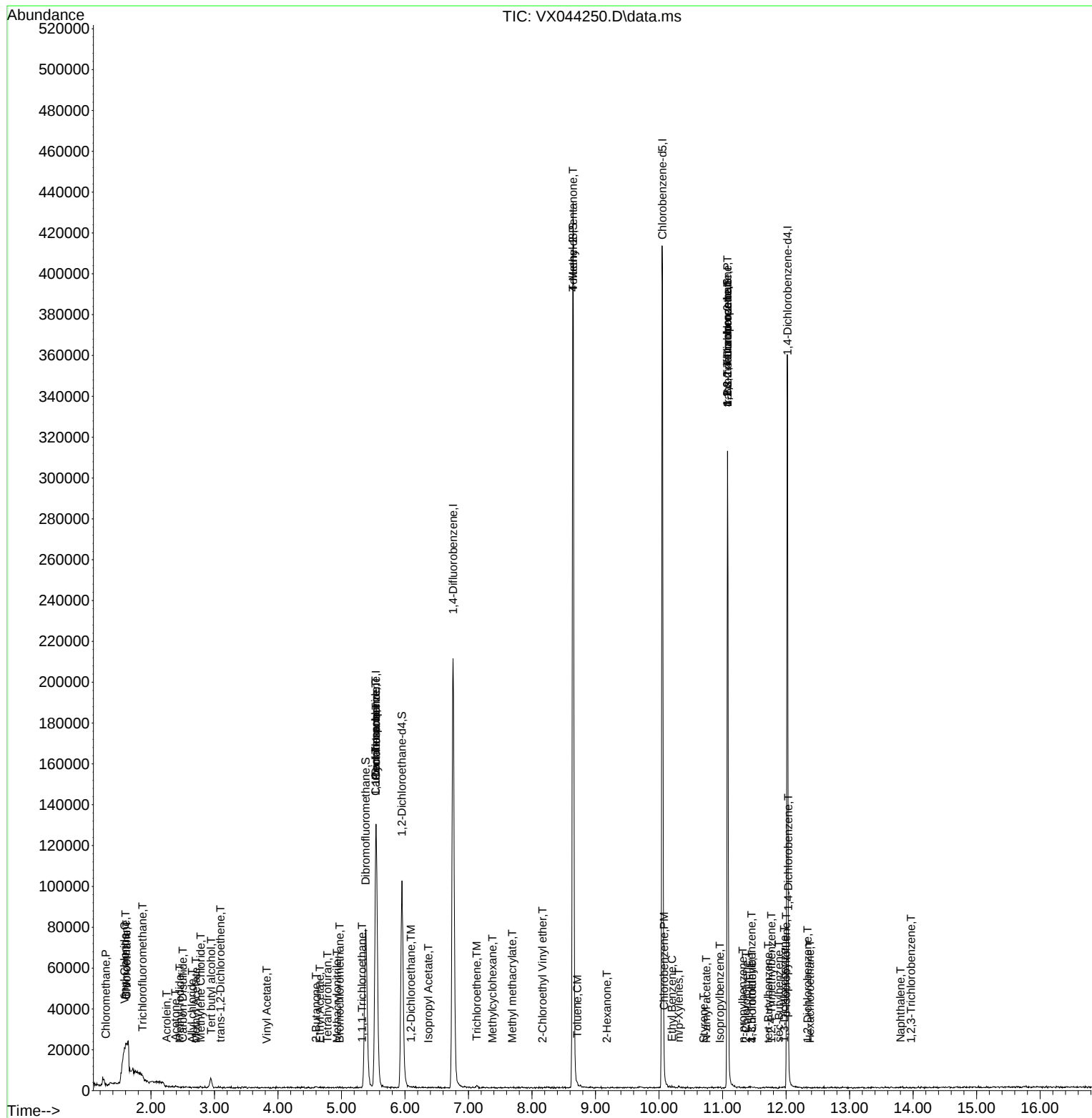
70) Styrene	10.701	104	19	0.005	ug/l #	1
73) Isopropylbenzene	10.957	105	201	0.038	ug/l #	49
74) N-amyl acetate	10.744	43	25	0.010	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.079	83	139	0.075	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	45575	29.338	ug/l #	35
78) n-propylbenzene	11.317	91	179	0.030	ug/l #	54
79) 2-Chlorotoluene	11.372	91	74	0.019	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.457	105	112	0.025	ug/l #	29
81) trans-1,4-Dichloro-2-b...	11.079	75	45575	80.266	ug/l #	4
82) 4-Chlorotoluene	11.463	91	133	0.032	ug/l #	46
83) tert-Butylbenzene	11.719	119	61	0.014	ug/l #	29
84) 1,2,4-Trimethylbenzene	11.768	105	138	0.032	ug/l #	65
85) sec-Butylbenzene	11.890	105	173	0.033	ug/l #	57
86) p-Isopropyltoluene	12.000	119	103	0.023	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	58	0.026	ug/l #	65
88) 1,4-Dichlorobenzene	12.036	146	313	0.135	ug/l #	1
90) Hexachloroethane	12.378	117	25	0.039	ug/l #	19
91) 1,2-Dichlorobenzene	12.341	146	55	0.023	ug/l #	67
95) Naphthalene	13.804	128	564	0.113	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	95	0.070	ug/l #	81

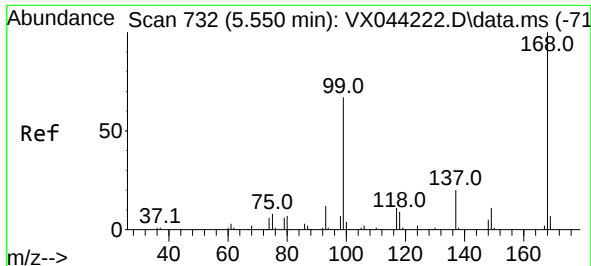
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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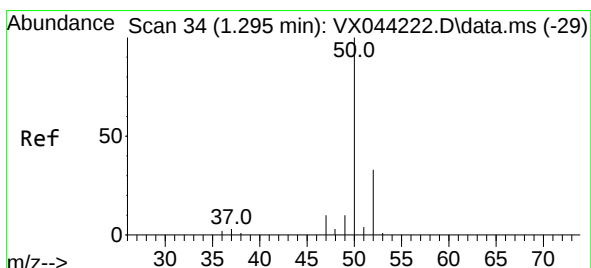
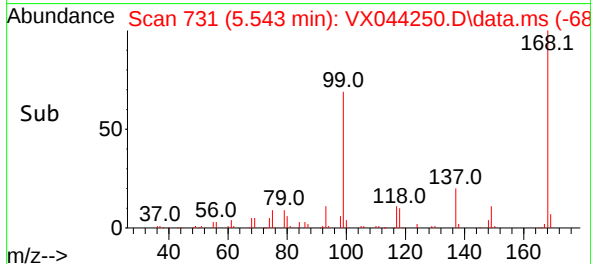
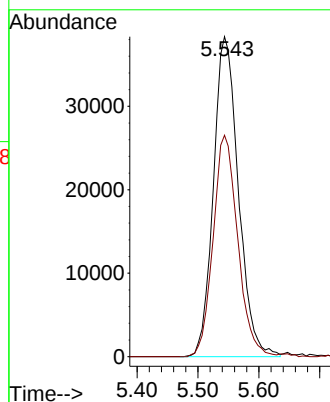
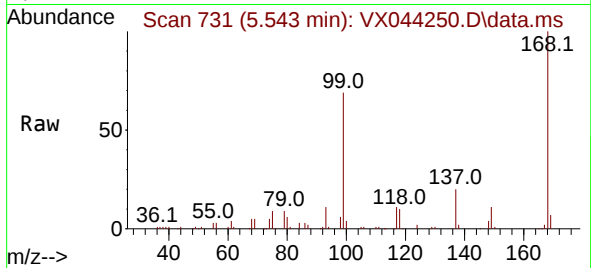




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

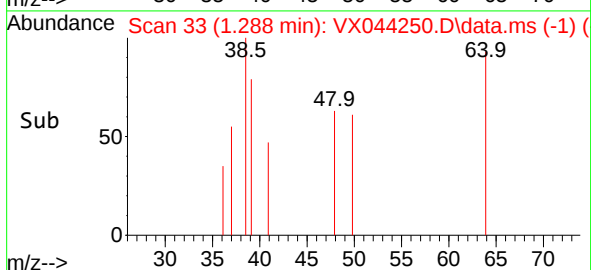
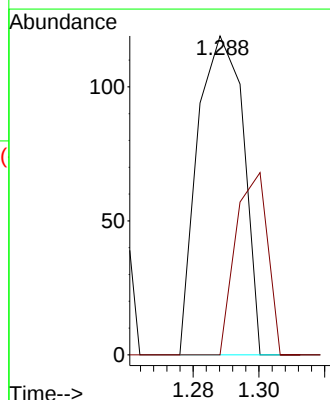
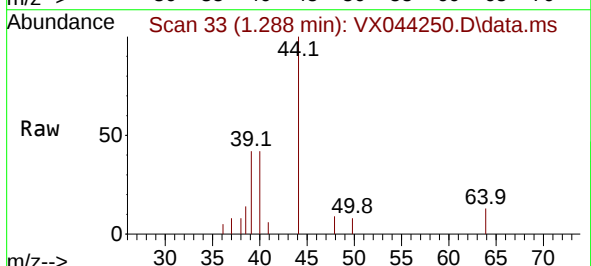
Instrument :
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ClientSampleId :
DUP-01-20241209

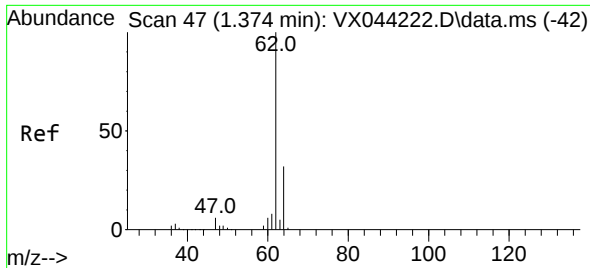
Tgt Ion:168 Resp: 109125
Ion Ratio Lower Upper
168 100
99 69.2 53.4 80.0



#3
Chloromethane
Concen: 0.071 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 50 Resp: 115
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

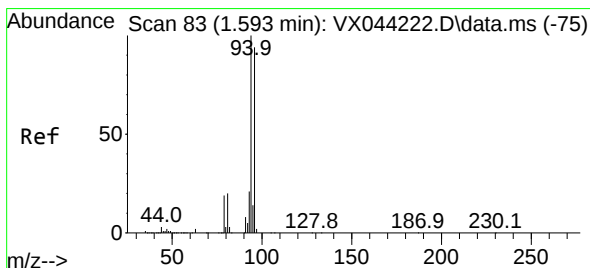
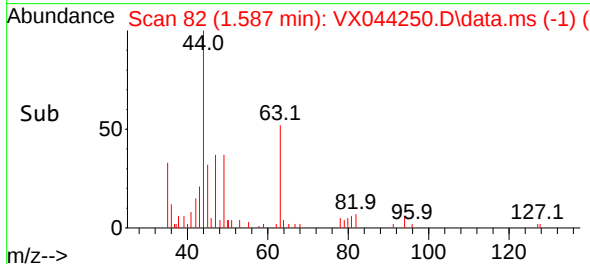
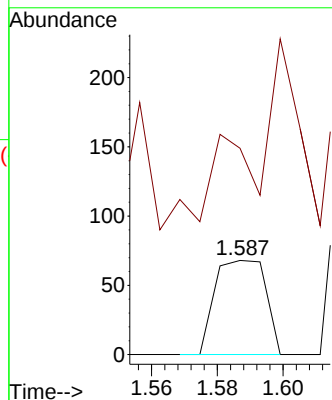
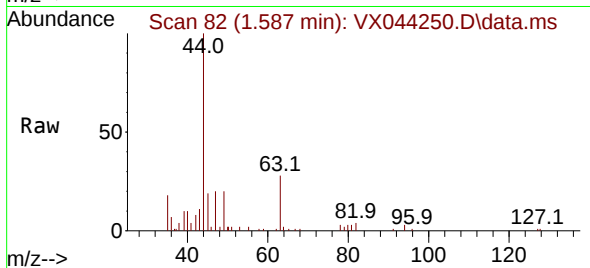




#4
Vinyl Chloride
Concen: 0.043 ug/l
RT: 1.587 min Scan# 81
Delta R.T. 0.213 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

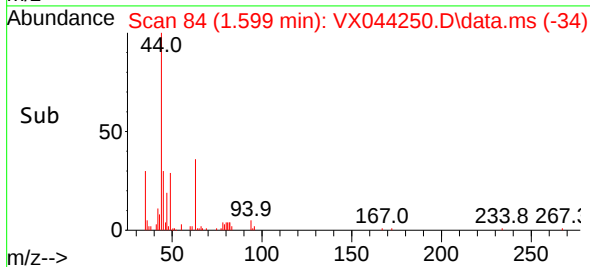
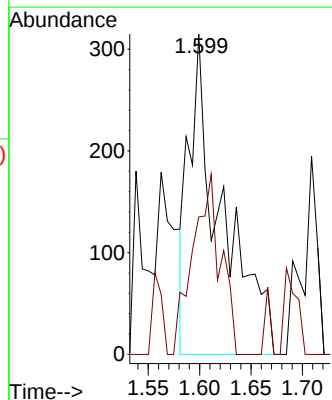
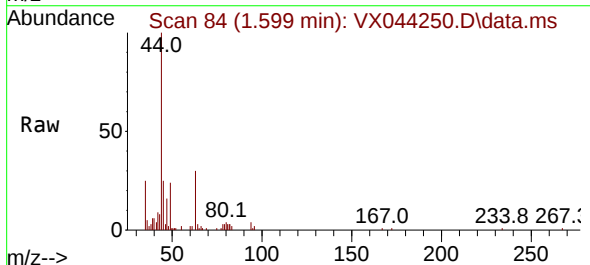
Instrument :
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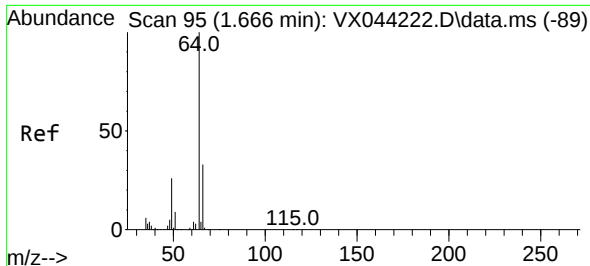
Tgt Ion: 62 Resp: 73
Ion Ratio Lower Upper
62 100
64 54.4 25.7 38.5#



#5
Bromomethane
Concen: 0.579 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 94 Resp: 691
Ion Ratio Lower Upper
94 100
96 42.9 74.9 112.3#

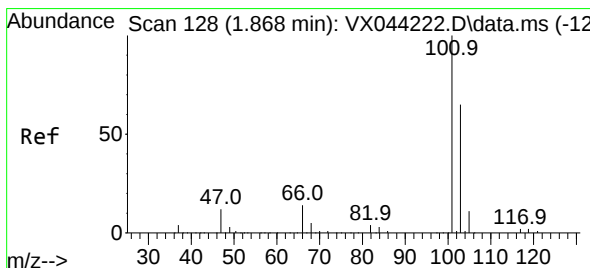
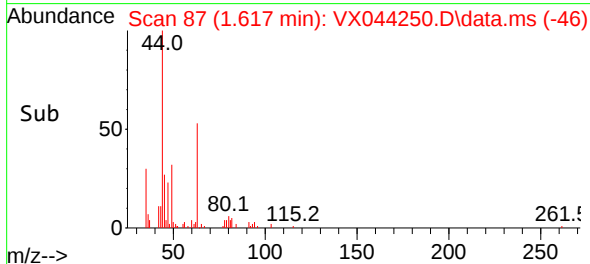
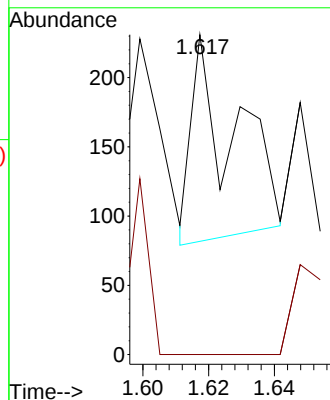
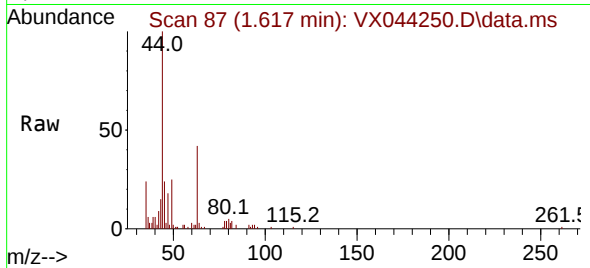




#6
Chloroethane
Concen: 0.128 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.049 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

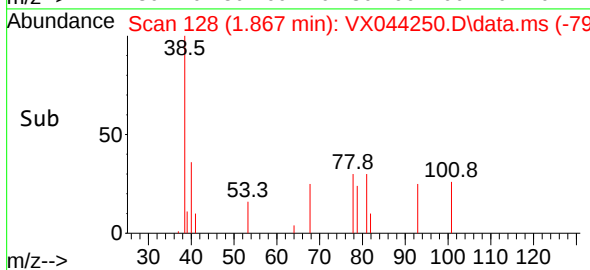
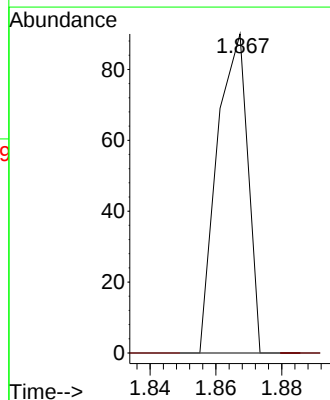
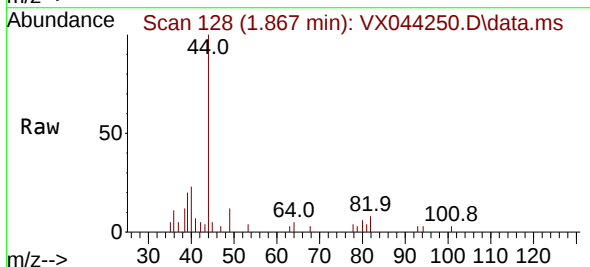
Instrument :
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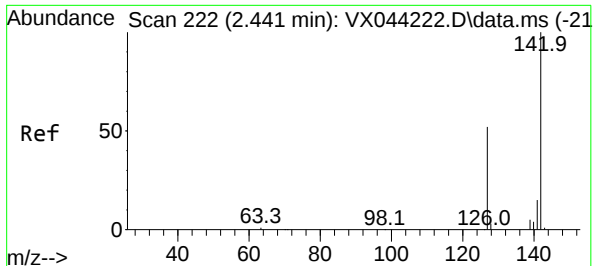
Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#7
Trichlorofluoromethane
Concen: 0.018 ug/l
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 101 Resp: 58
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.8#





#10

Methyl Iodide

Concen: 0.054 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX044250.D

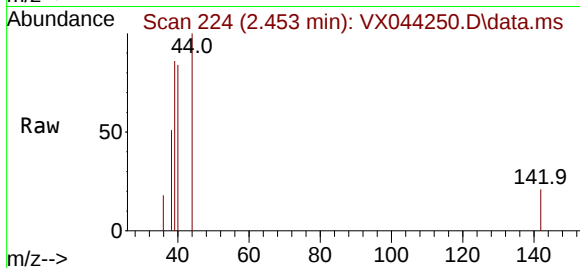
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Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20241209



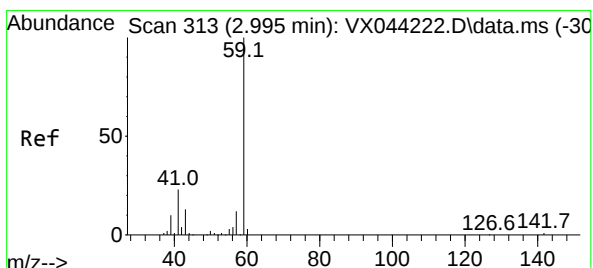
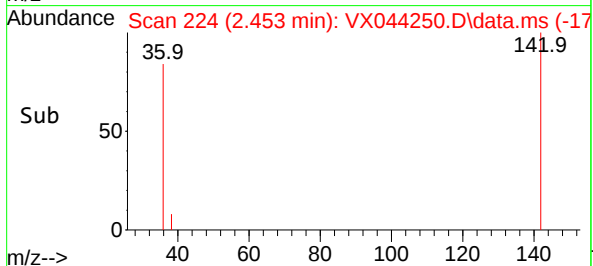
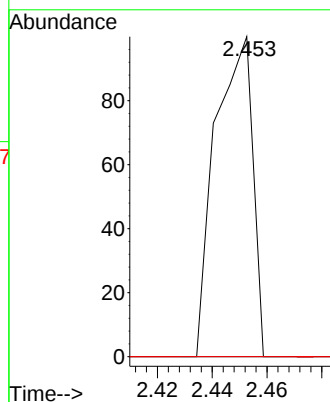
Tgt Ion:142 Resp: 94

Ion Ratio Lower Upper

142 100

127 0.0 41.8 62.8#

141 0.0 11.5 17.3#



#11

Tert butyl alcohol

Concen: 9.000 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX044250.D

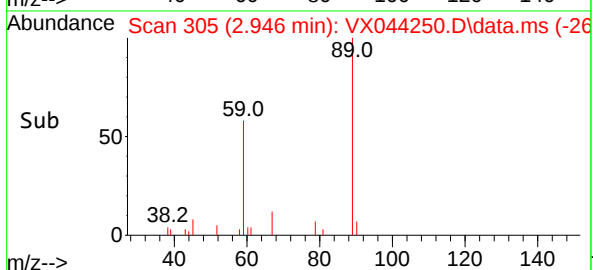
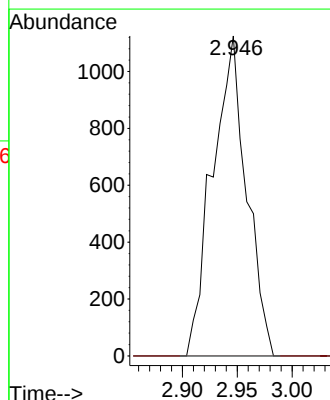
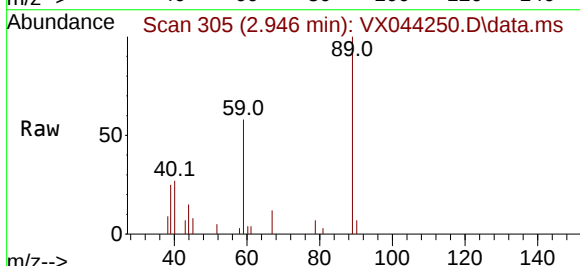
Acq: 12 Dec 2024 14:23

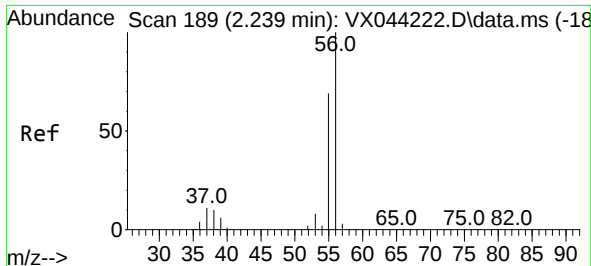
Tgt Ion: 59 Resp: 2427

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#

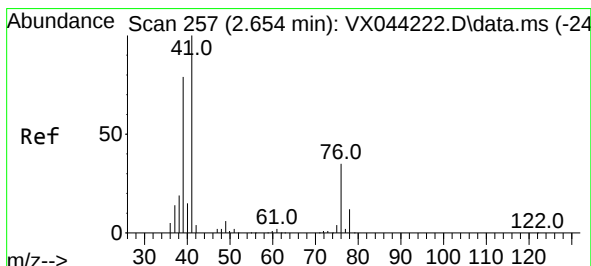
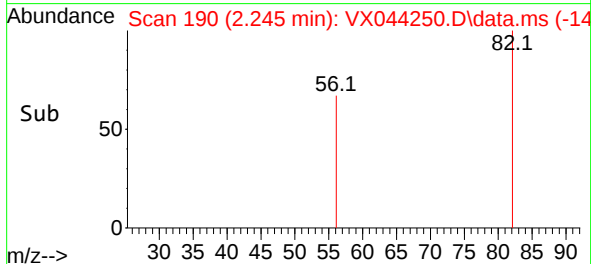
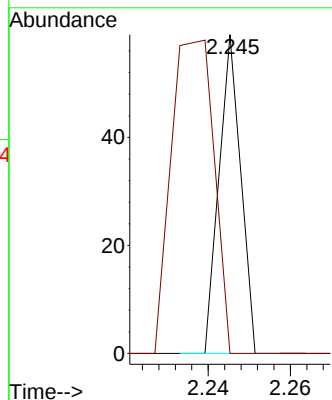
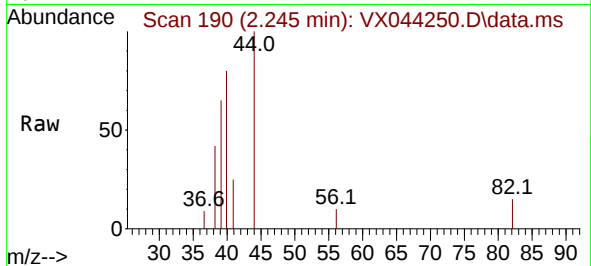




#13
Acrolein
Concen: 0.056 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

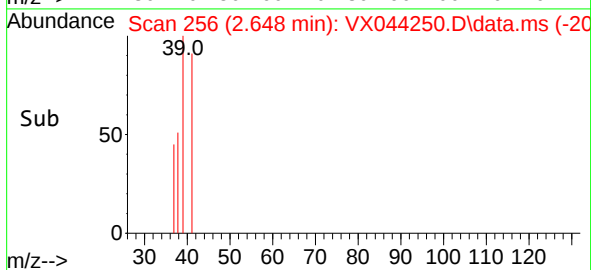
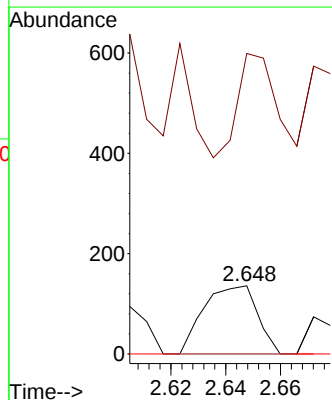
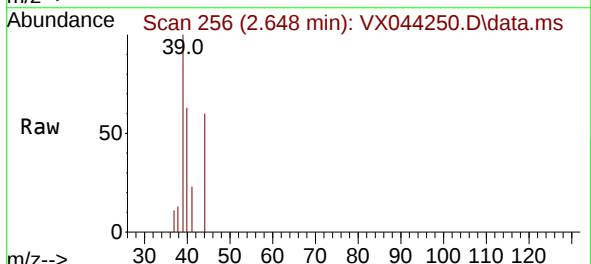
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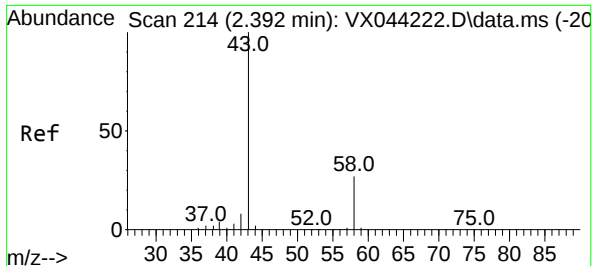
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 190.9 56.6 84.8#



#14
Allyl chloride
Concen: 0.091 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 41 Resp: 185
Ion Ratio Lower Upper
41 100
39 107.0 61.9 92.9#
76 0.0 27.4 41.2#

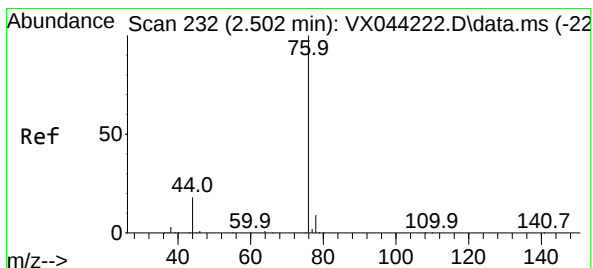
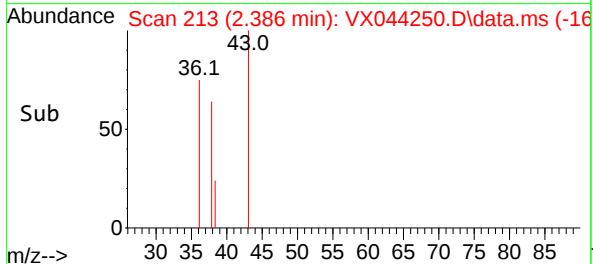
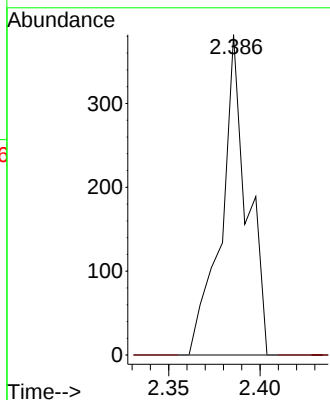
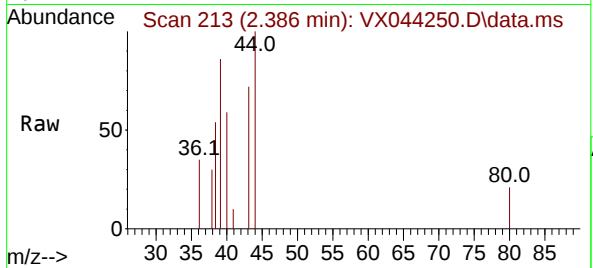




#16
Acetone
Concen: 0.481 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

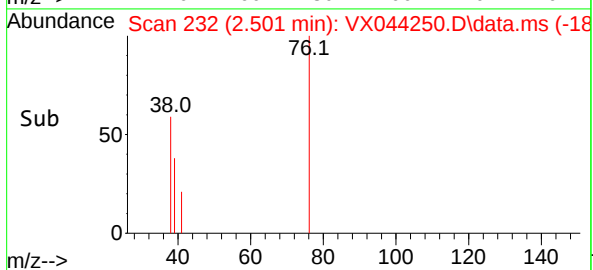
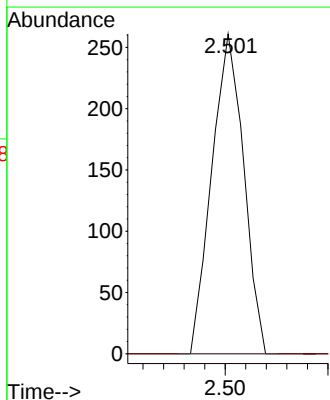
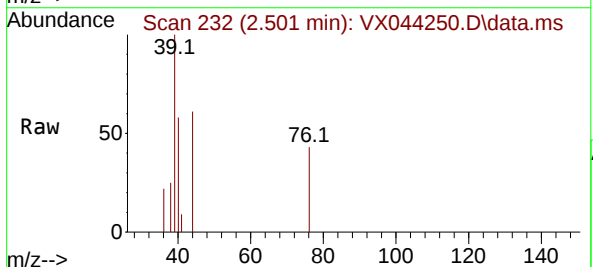
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

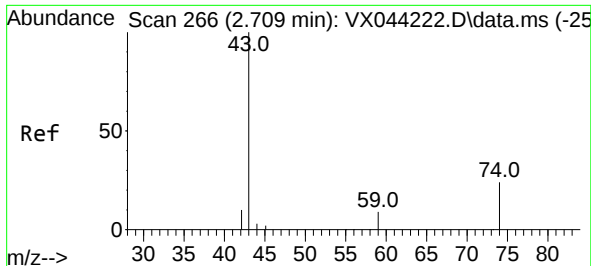
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.121 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 76 Resp: 281
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

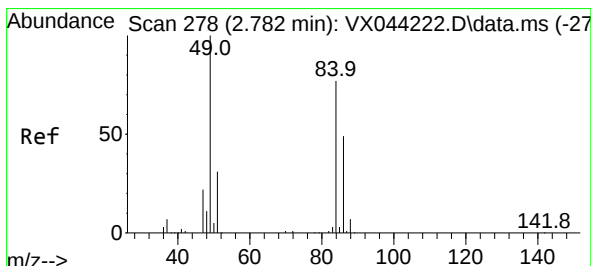
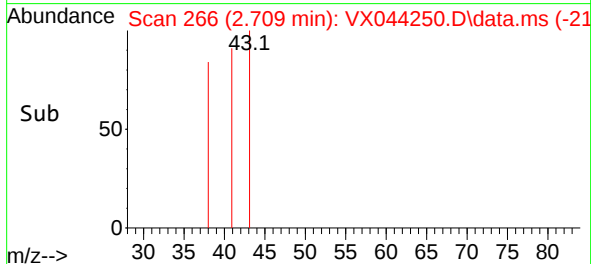
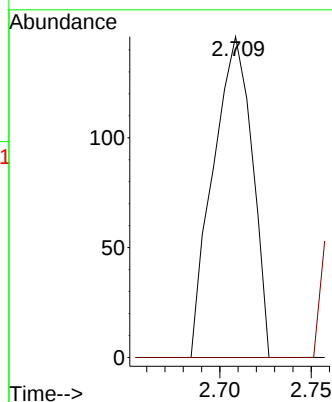
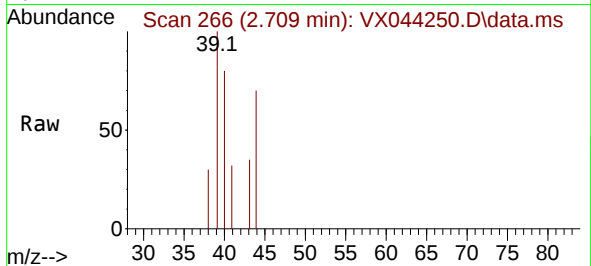




#18
Methyl Acetate
Concen: 0.108 ug/l
RT: 2.709 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

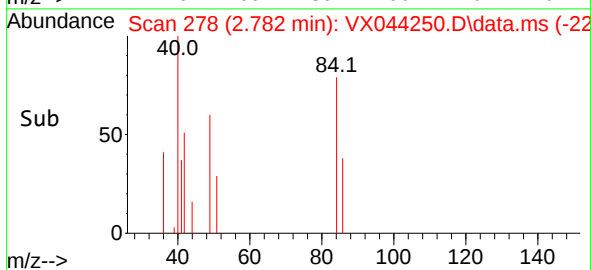
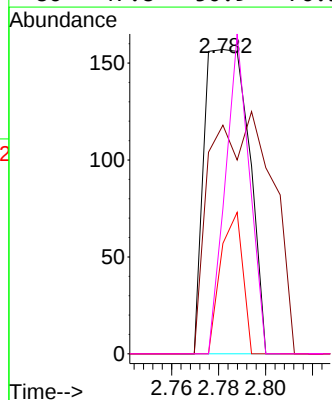
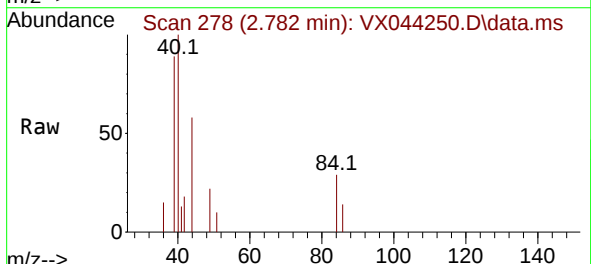
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

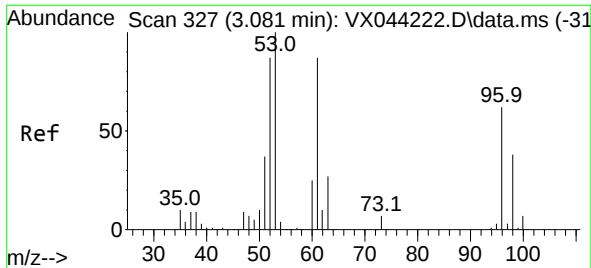
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.141 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

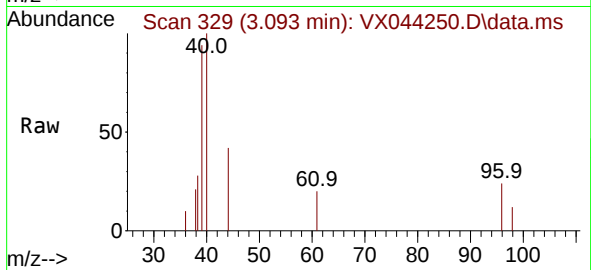
Tgt Ion: 84 Resp: 207
Ion Ratio Lower Upper
84 100
49 75.2 104.2 156.4#
51 36.3 32.2 48.4
86 47.8 50.9 76.3#



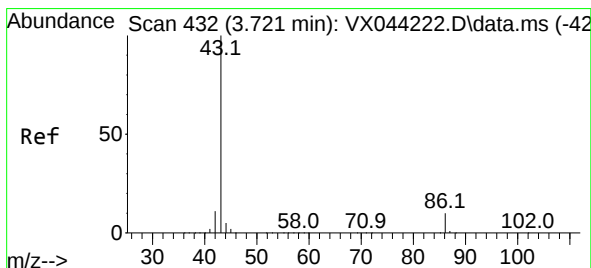
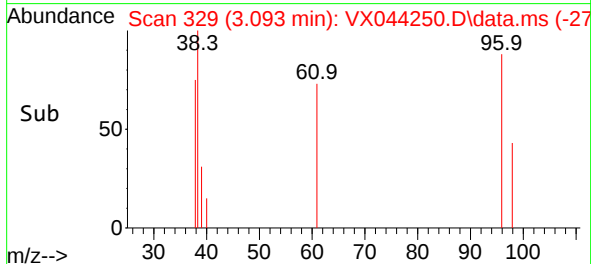
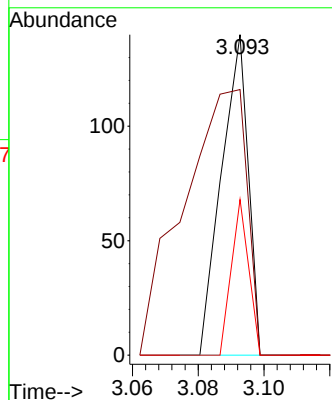


#21
trans-1,2-Dichloroethene
Concen: 0.061 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

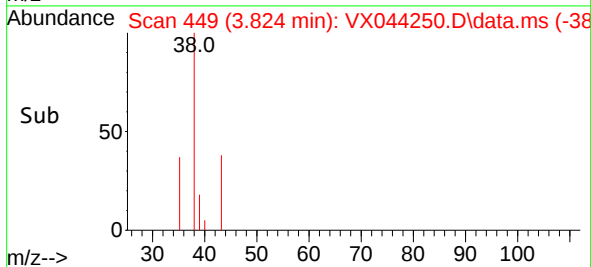
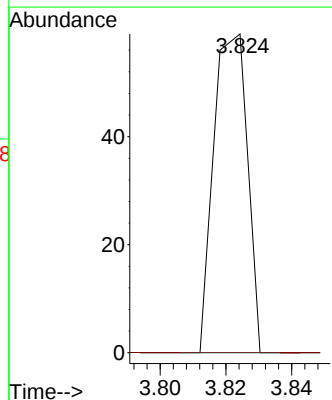
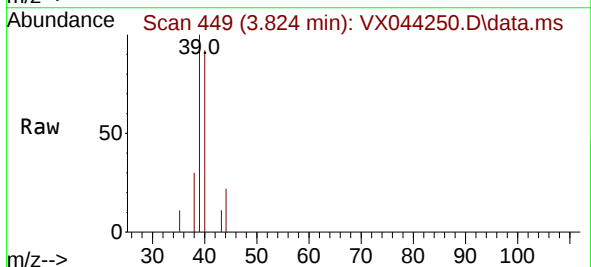


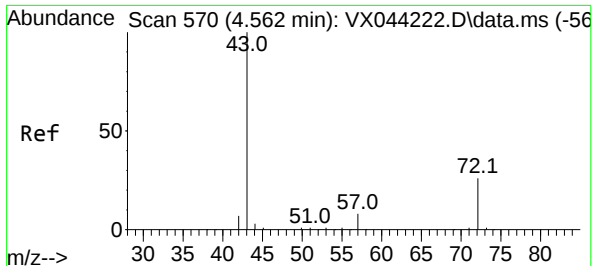
Tgt Ion: 96 Resp: 79
Ion Ratio Lower Upper
96 100
61 82.9 112.0 168.0#
98 48.6 48.8 73.2#



#23
Vinyl Acetate
Concen: 0.011 ug/l
RT: 3.824 min Scan# 449
Delta R.T. 0.103 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.2#

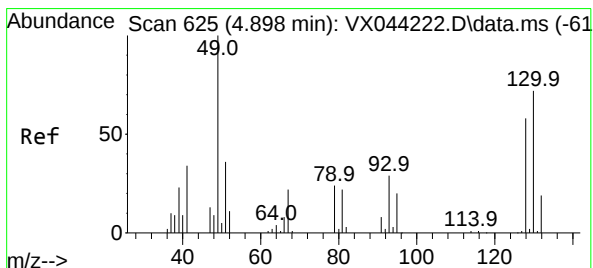
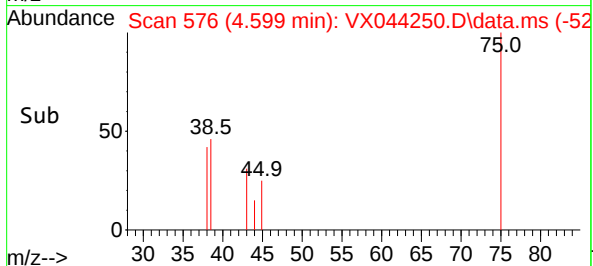
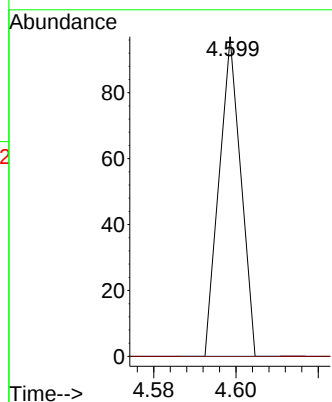
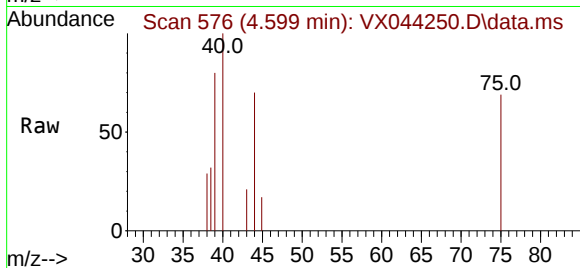




#25
2-Butanone
Concen: 0.032 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

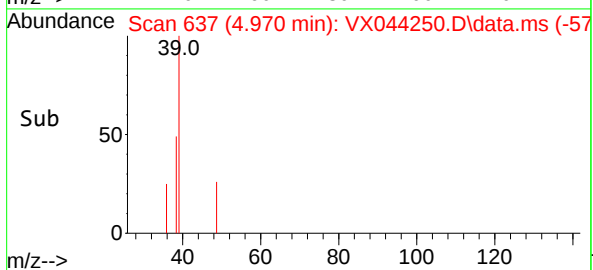
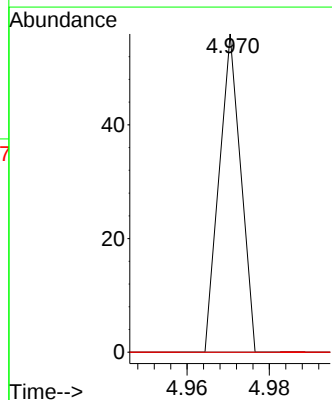
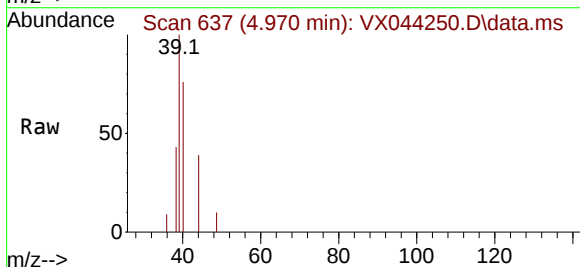
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

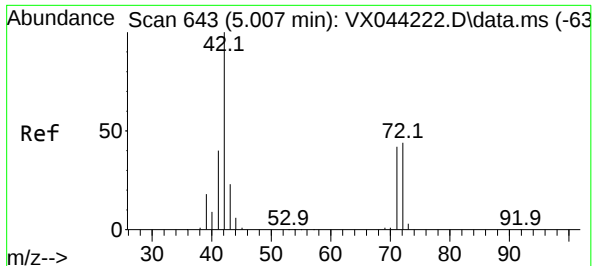
Tgt Ion: 43 Resp: 35
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



#28
Bromochloromethane
Concen: 0.016 ug/l
RT: 4.970 min Scan# 637
Delta R.T. 0.073 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.1 93.1#





#29

Tetrahydrofuran

Concen: 0.058 ug/l

RT: 4.781 min Scan# 606

Delta R.T. -0.226 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20241209

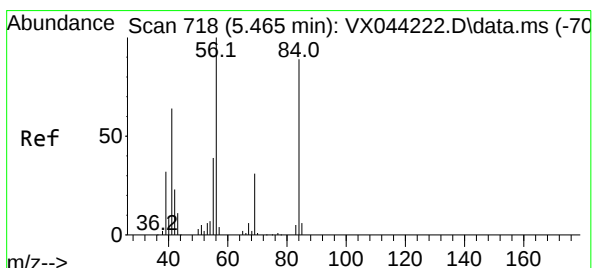
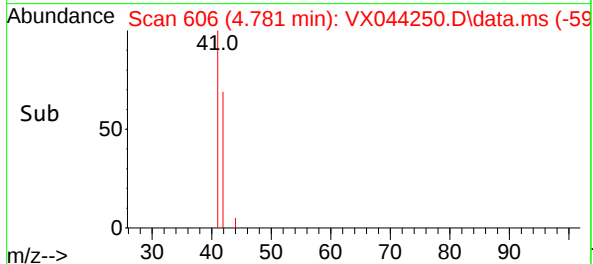
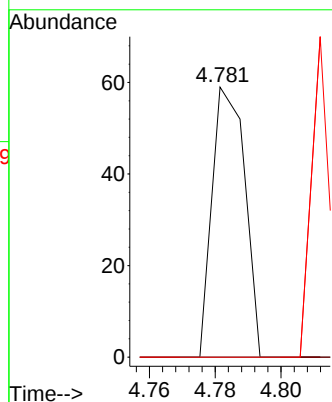
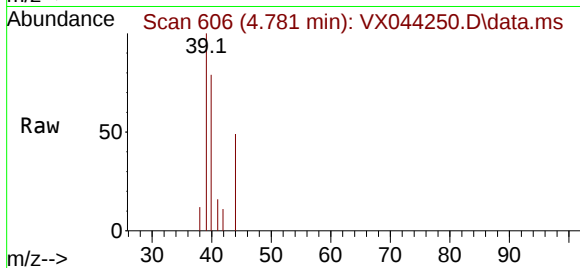
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#



#31

Cyclohexane

Concen: 1.526 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

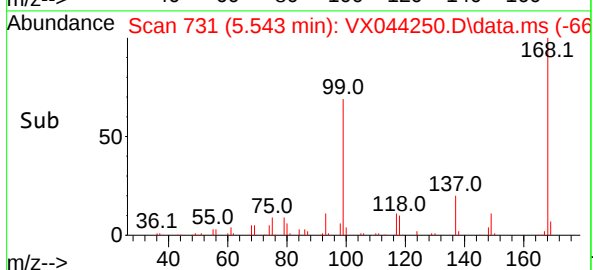
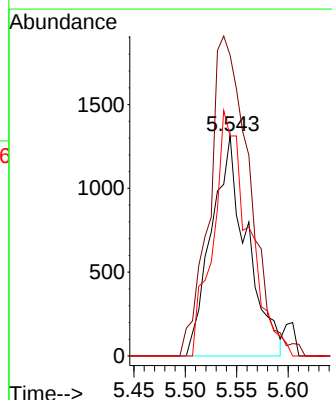
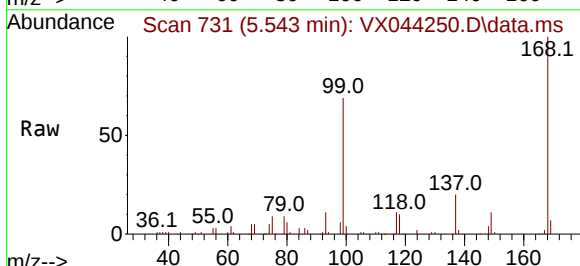
Tgt Ion: 56 Resp: 3152

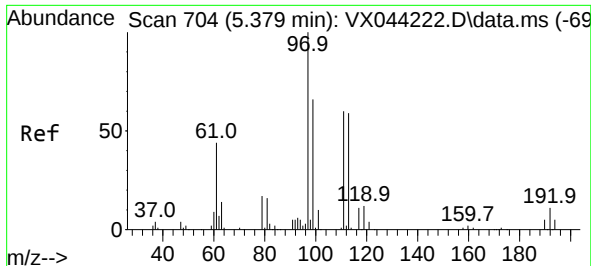
Ion Ratio Lower Upper

56 100

69 136.4 24.7 37.1#

84 99.8 71.0 106.6

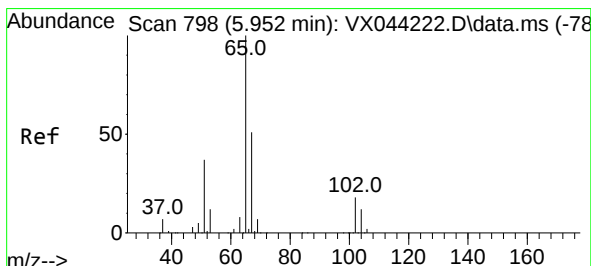
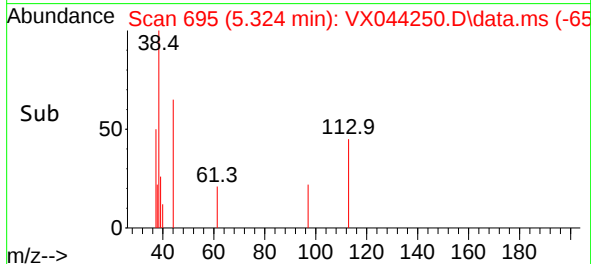
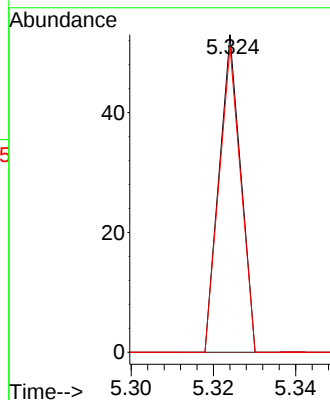
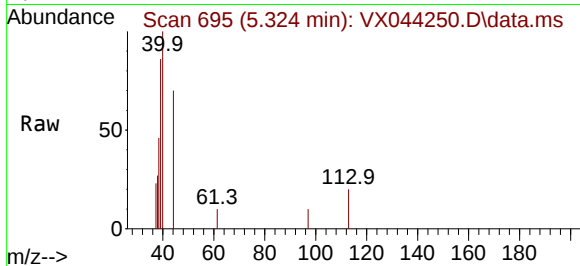




#32
1,1,1-Trichloroethane
Concen: 0.008 ug/l
RT: 5.324 min Scan# 61
Delta R.T. -0.055 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

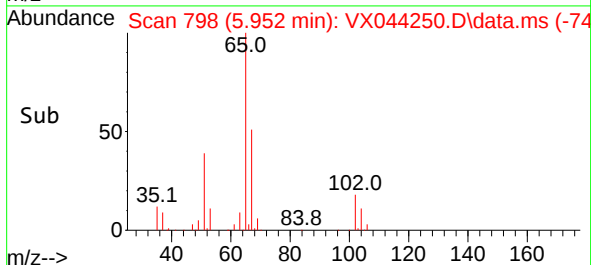
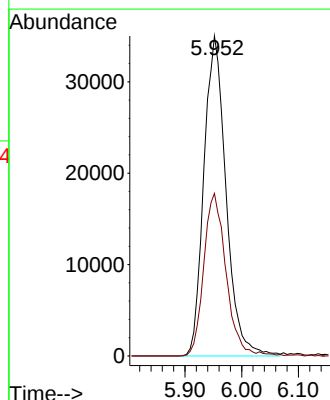
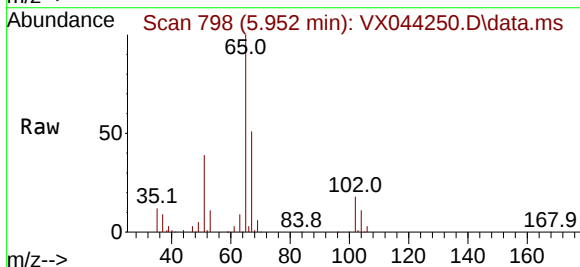
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

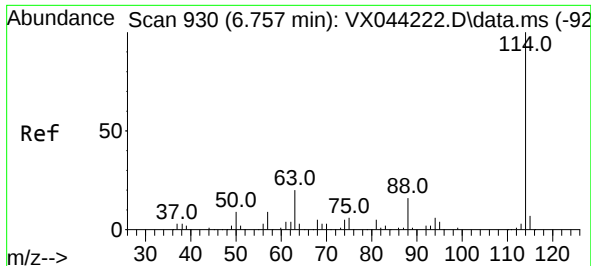
Tgt Ion: 97 Resp: 19
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 49.661 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 65 Resp: 95018
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

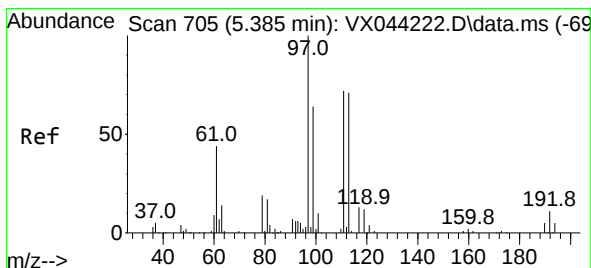
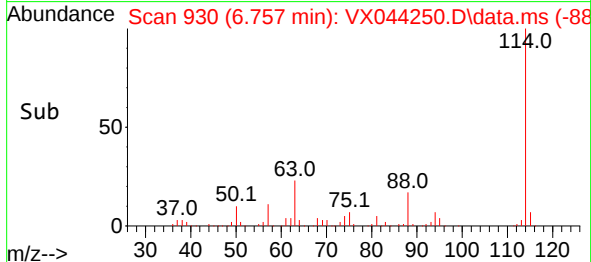
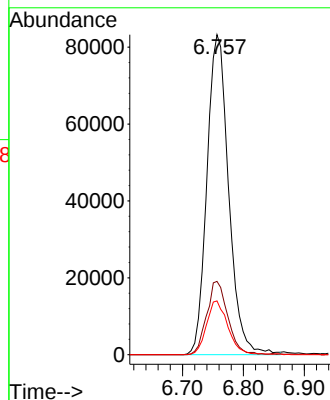
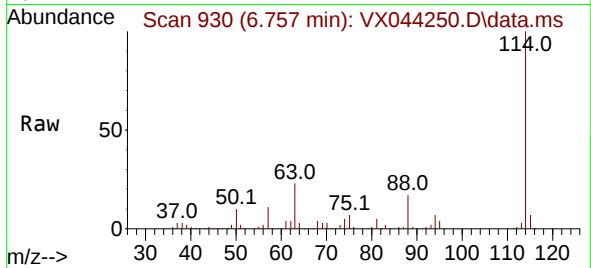




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

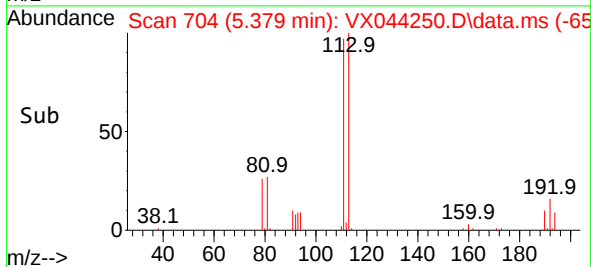
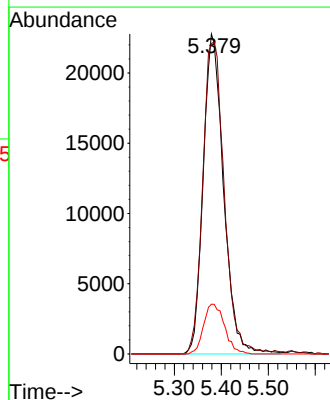
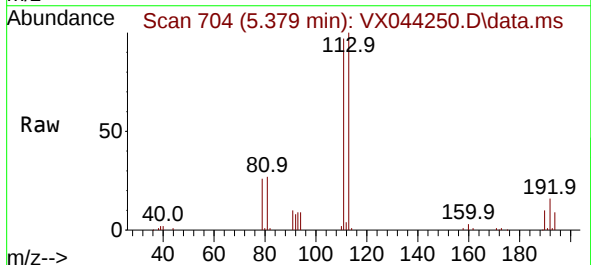
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

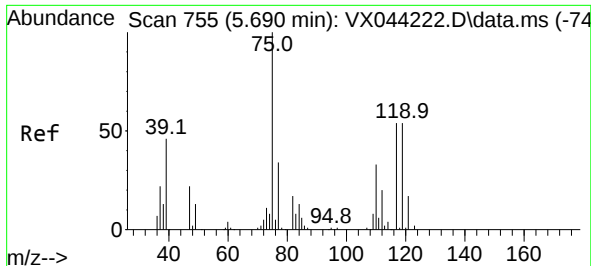
Tgt Ion:114 Resp: 206340
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.6
88 16.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.945 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion:113 Resp: 68518
Ion Ratio Lower Upper
113 100
111 102.8 80.4 120.6
192 16.0 13.3 19.9

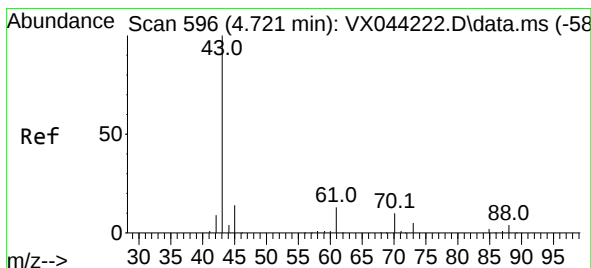
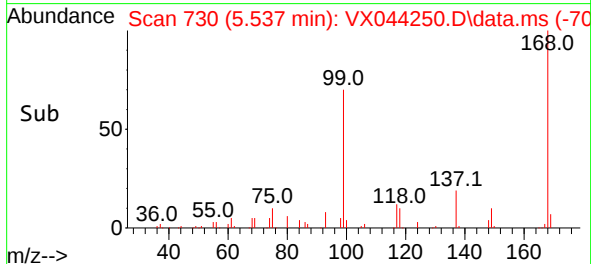
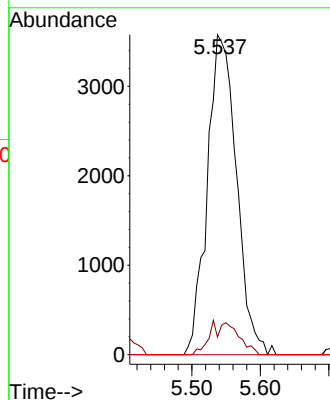
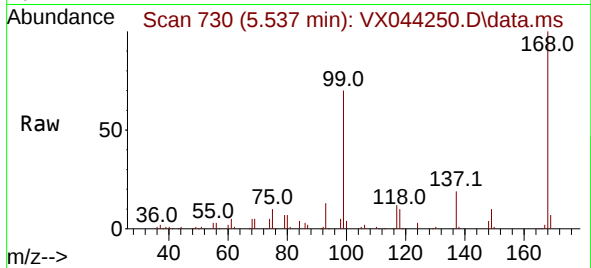




#36
1,1-Dichloropropene
Concen: 5.742 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

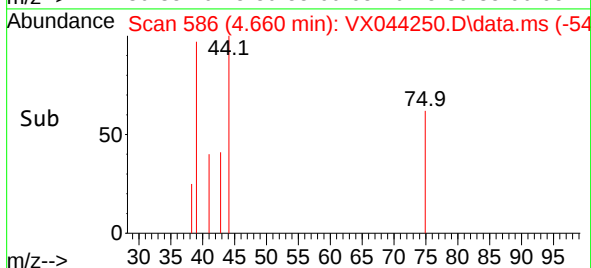
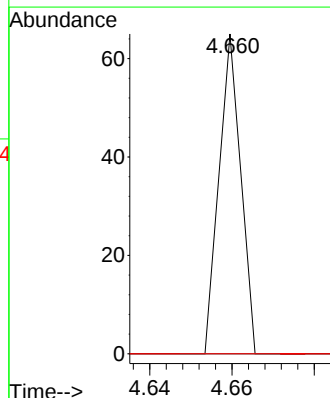
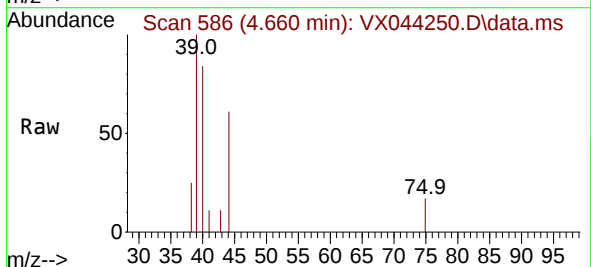
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

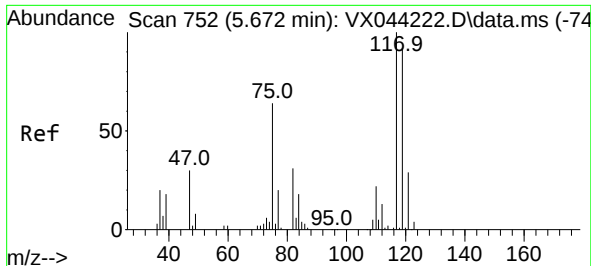
Tgt Ion: 75 Resp: 10608
Ion Ratio Lower Upper
75 100
110 3.4 17.3 51.7#
77 0.0 25.4 38.0#



#37
Ethyl Acetate
Concen: 0.011 ug/l
RT: 4.660 min Scan# 586
Delta R.T. -0.061 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

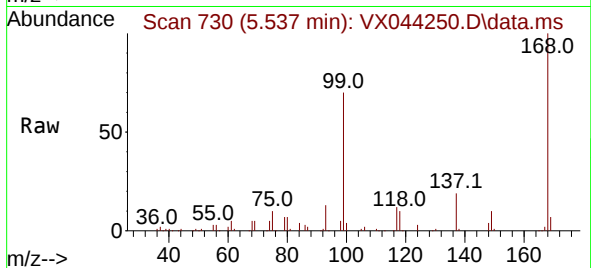
Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.7 11.5#



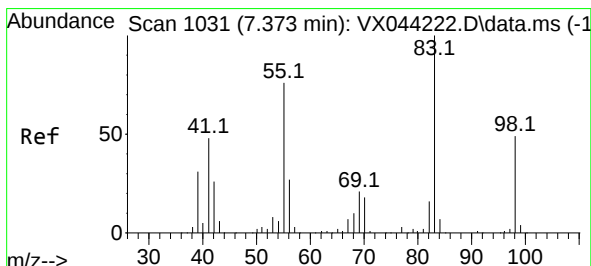
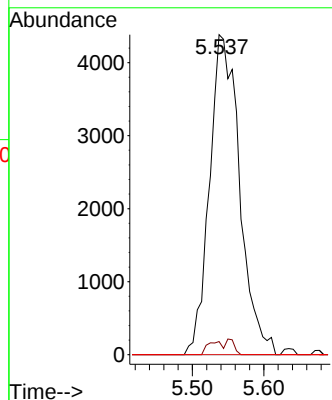
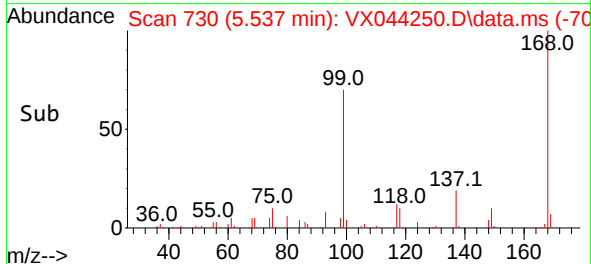


#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

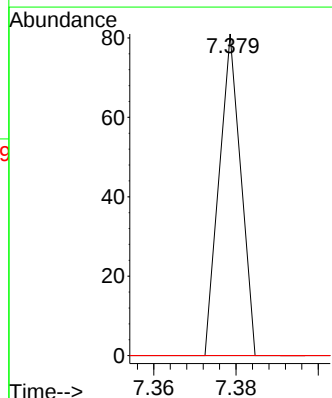
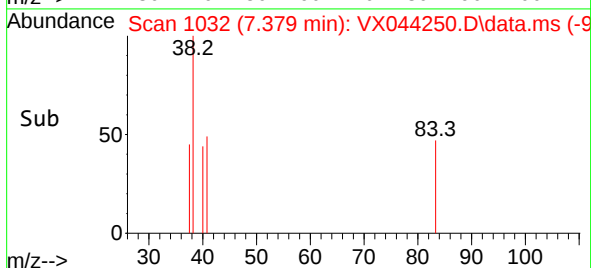
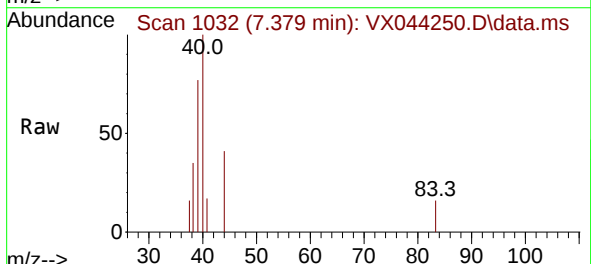


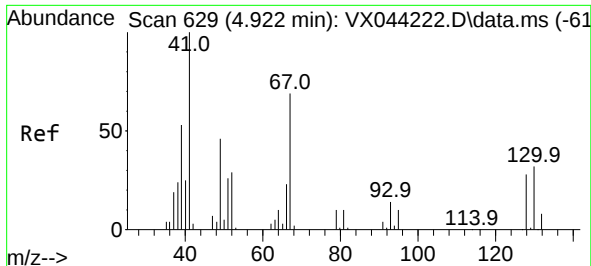
Tgt Ion:117 Resp: 12818
Ion Ratio Lower Upper
117 100
119 4.1 74.2 111.4#
121 0.0 23.0 34.6#



#39
Methylcyclohexane
Concen: 0.014 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 83 Resp: 30
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 38.9 58.3#

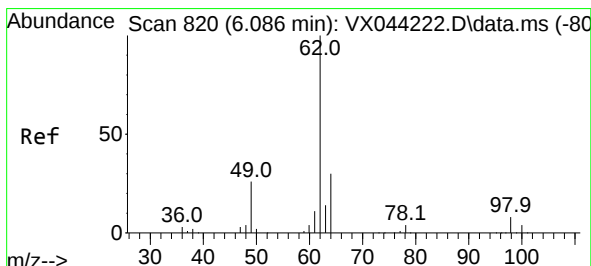
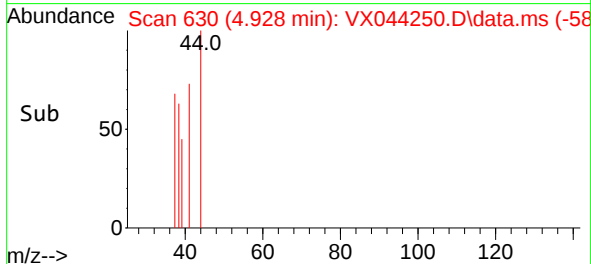
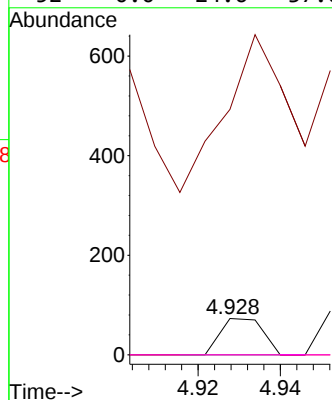
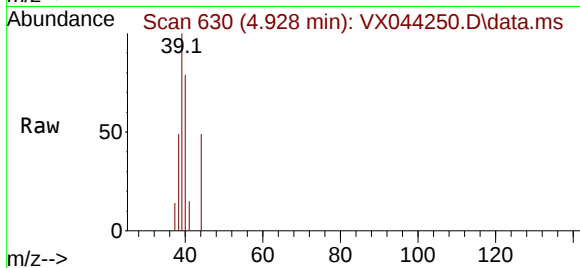




#41
Methacrylonitrile
Concen: 0.043 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

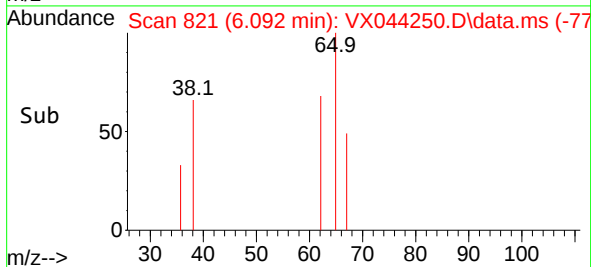
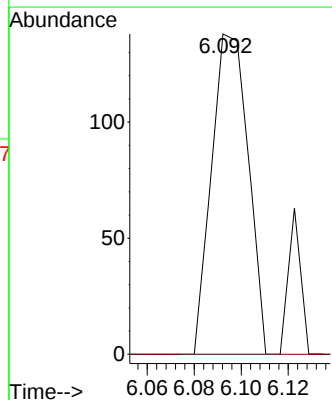
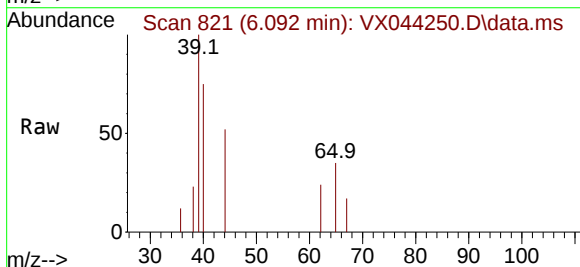
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

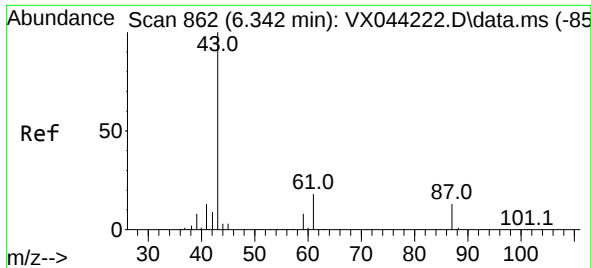
Tgt Ion:	41	Resp:	52
Ion	Ratio	Lower	Upper
41	100		
39	628.8	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.065 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion:	62	Resp:	150
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.005 ug/l

RT: 6.367 min Scan# 80

Delta R.T. 0.024 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20241209

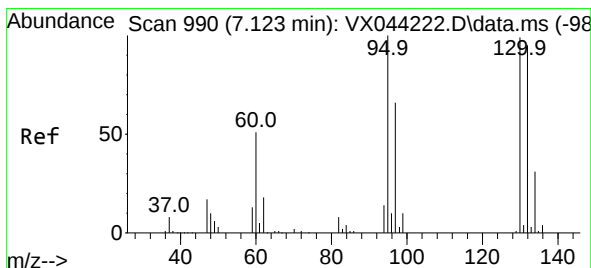
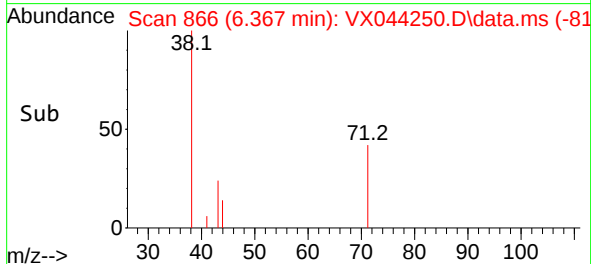
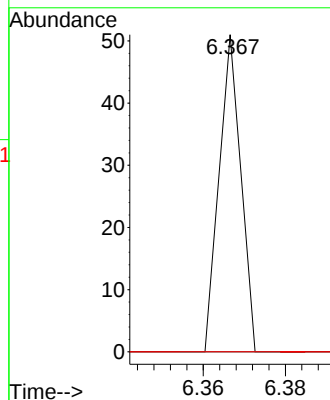
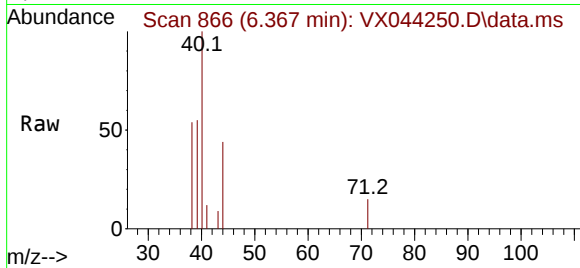
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 10.2 15.2#



#44

Trichloroethene

Concen: 0.314 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX044250.D

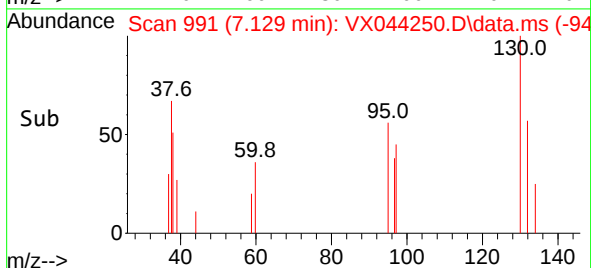
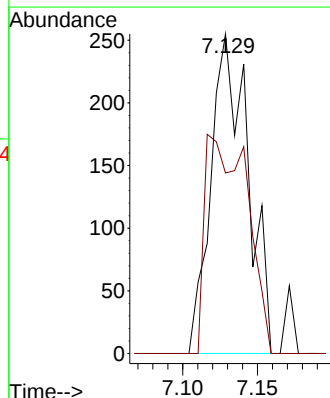
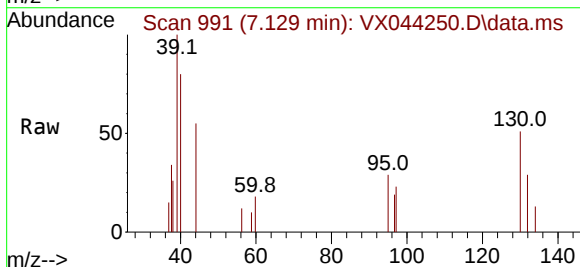
Acq: 12 Dec 2024 14:23

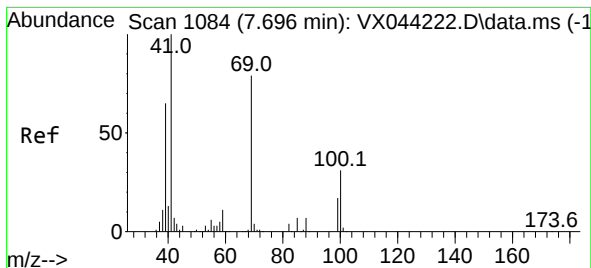
Tgt Ion:130 Resp: 439

Ion Ratio Lower Upper

130 100

95 56.5 0.0 201.4





#48

Methyl methacrylate

Concen: 0.083 ug/l

RT: 7.689 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20241209

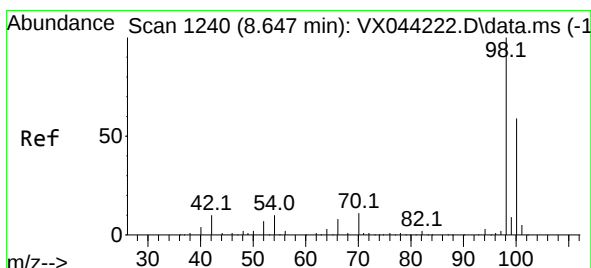
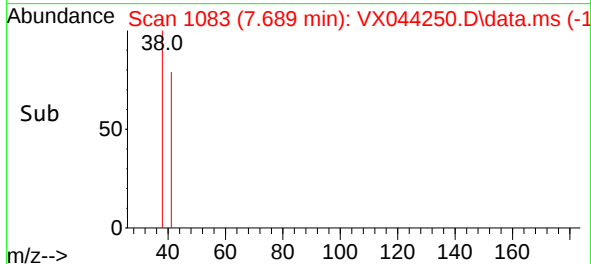
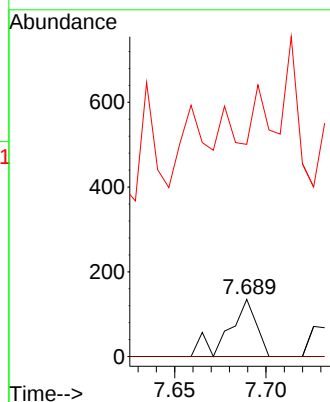
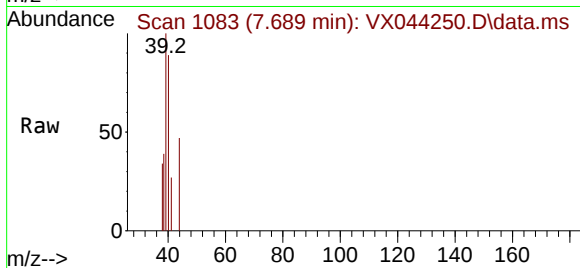
Tgt Ion: 41 Resp: 143

Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 0.0 53.3 79.9#



#50

Toluene-d8

Concen: 52.041 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044250.D

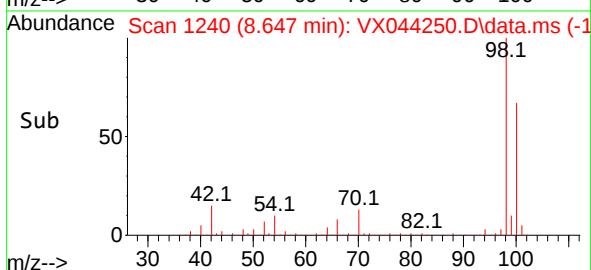
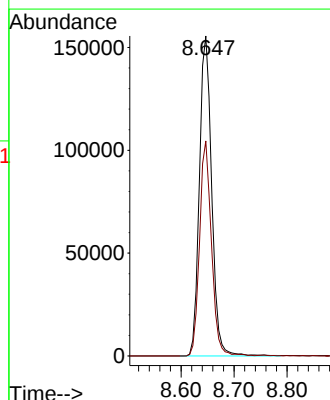
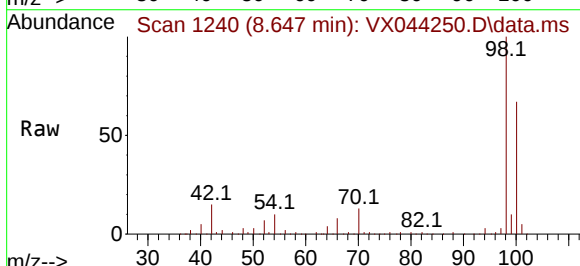
Acq: 12 Dec 2024 14:23

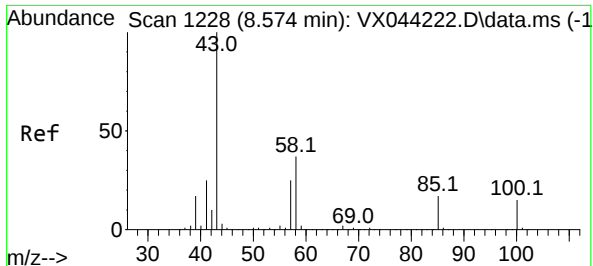
Tgt Ion: 98 Resp: 250910

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

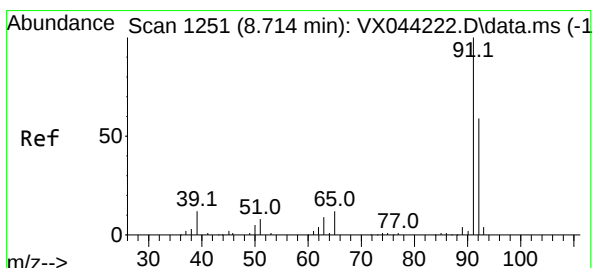
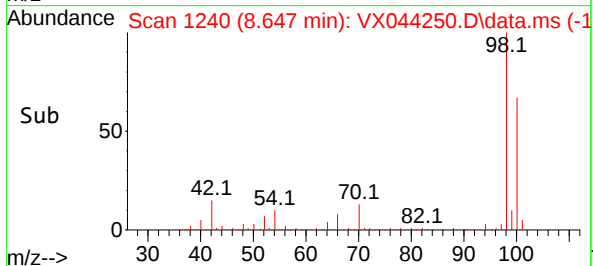
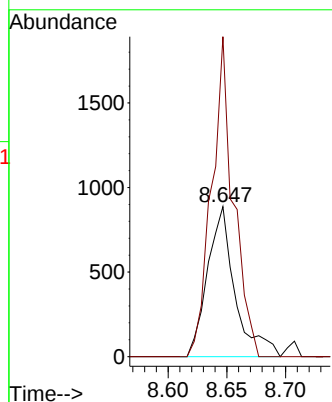
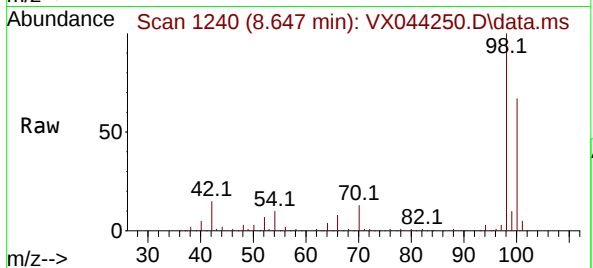
DUP-01-20241209

Tgt Ion: 43 Resp: 1440

Ion Ratio Lower Upper

43 100

58 169.5 29.4 44.0#



#52

Toluene

Concen: 0.022 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044250.D

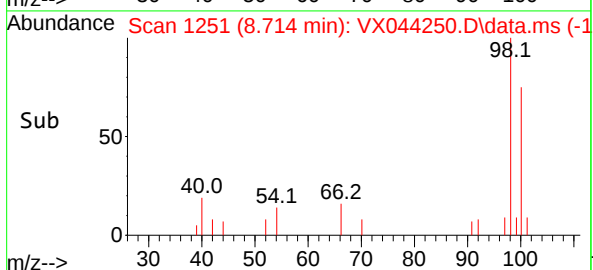
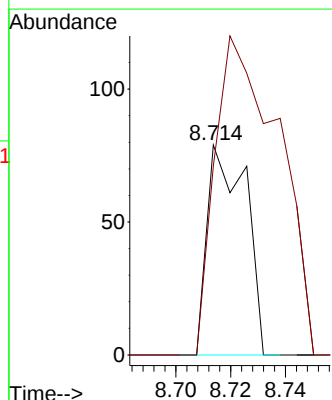
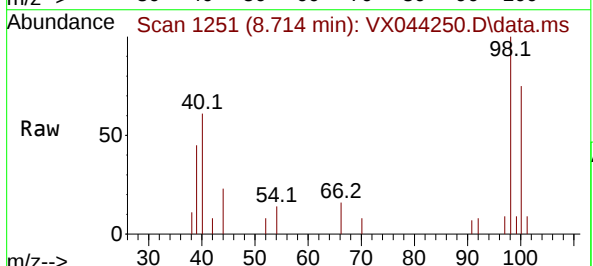
Acq: 12 Dec 2024 14:23

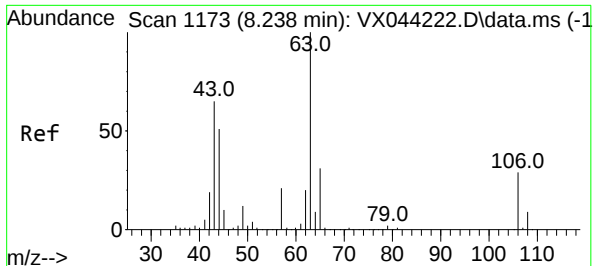
Tgt Ion: 92 Resp: 77

Ion Ratio Lower Upper

92 100

91 250.6 137.0 205.6#

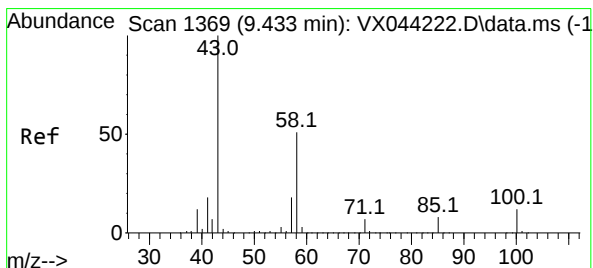
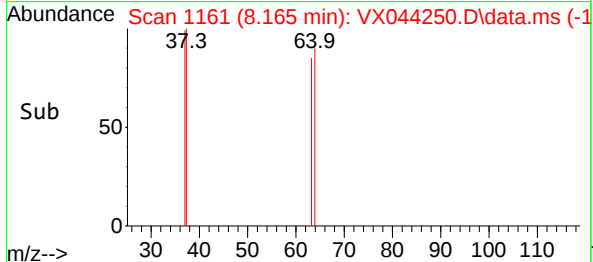
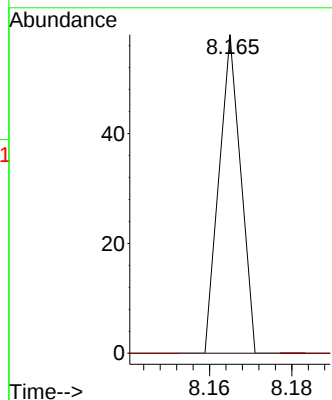
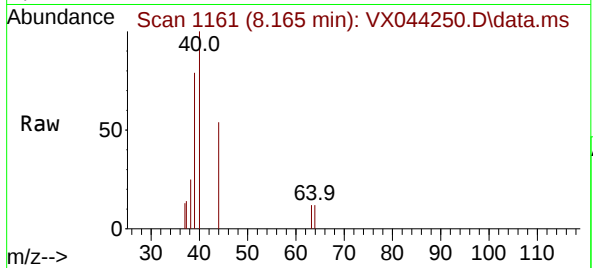




#58
2-Chloroethyl Vinyl ether
Concen: 0.019 ug/l
RT: 8.165 min Scan# 1173
Delta R.T. -0.073 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

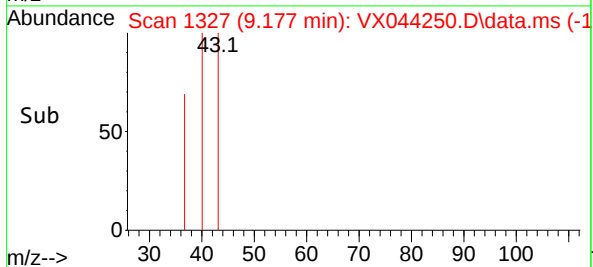
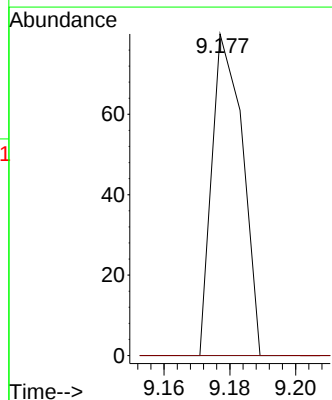
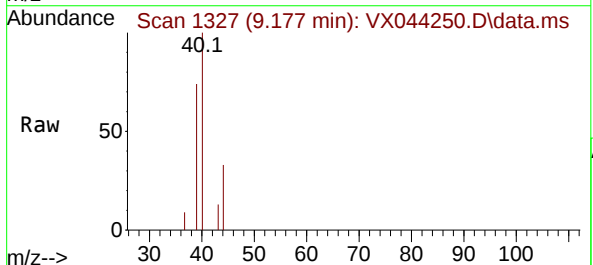
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

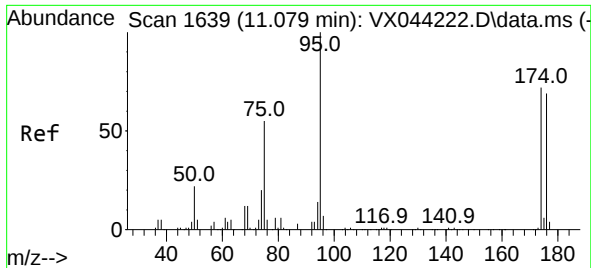
Tgt Ion: 63 Resp: 21
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#59
2-Hexanone
Concen: 0.031 ug/l
RT: 9.177 min Scan# 1327
Delta R.T. -0.256 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 0.0 25.7 77.0#

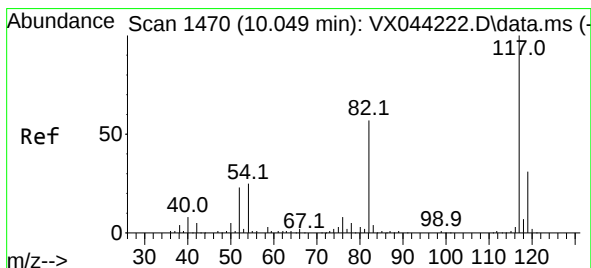
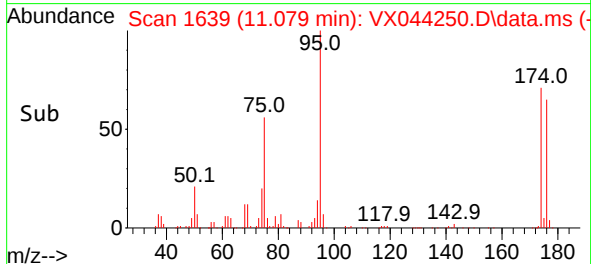
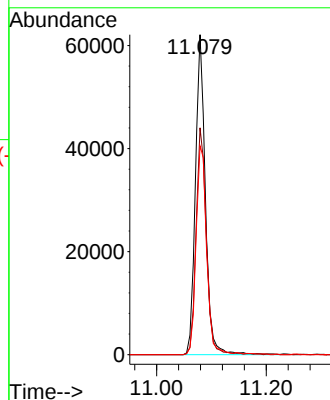
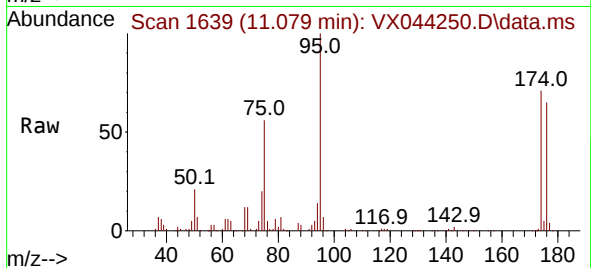




#62
4-Bromofluorobenzene
Concen: 46.856 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

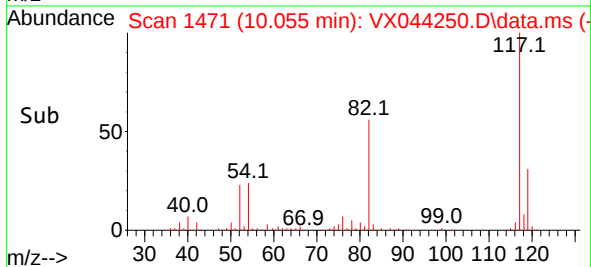
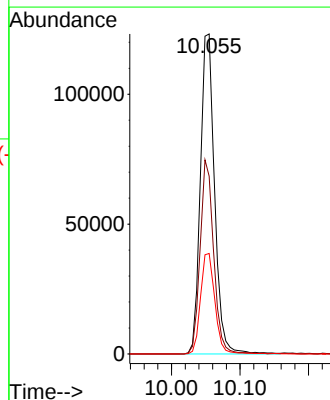
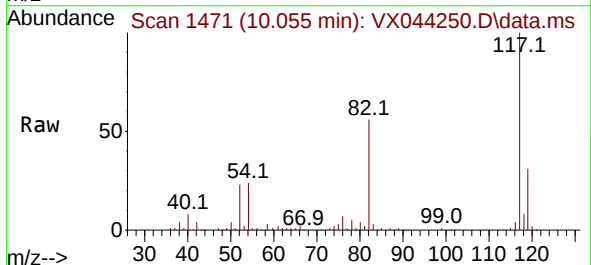
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

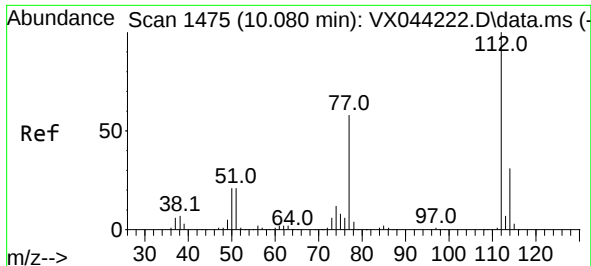
Tgt Ion: 95 Resp: 78938
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.8
176 68.7 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 117 Resp: 178333
Ion Ratio Lower Upper
117 100
82 55.5 45.8 68.8
119 31.4 25.0 37.4

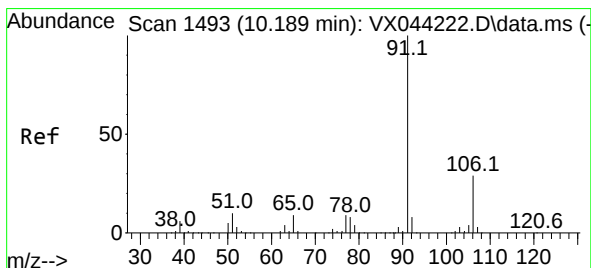
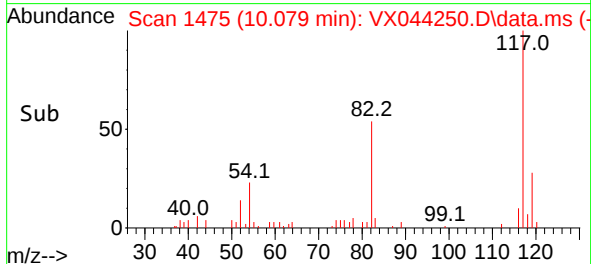
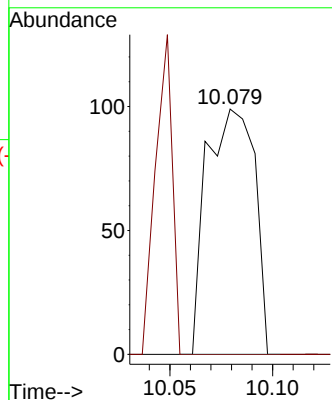
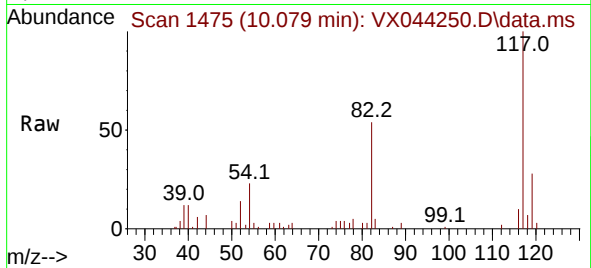




#65
Chlorobenzene
Concen: 0.042 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

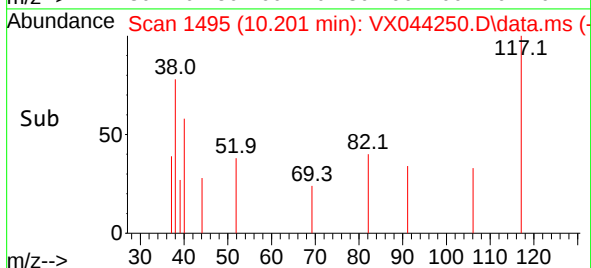
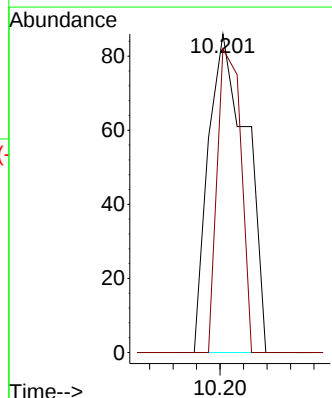
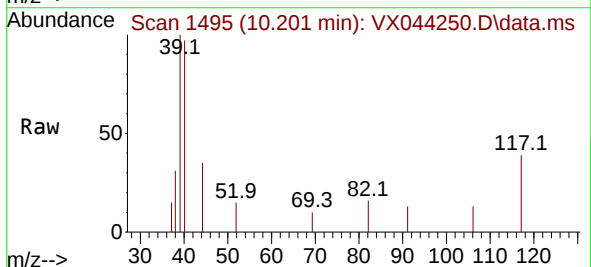
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

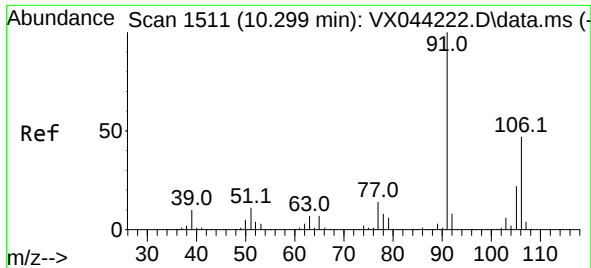
Tgt Ion:112 Resp: 161
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.6#



#67
Ethyl Benzene
Concen: 0.015 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 91 Resp: 97
Ion Ratio Lower Upper
91 100
106 95.3 23.5 35.3#

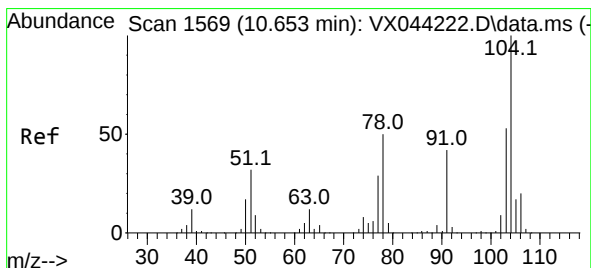
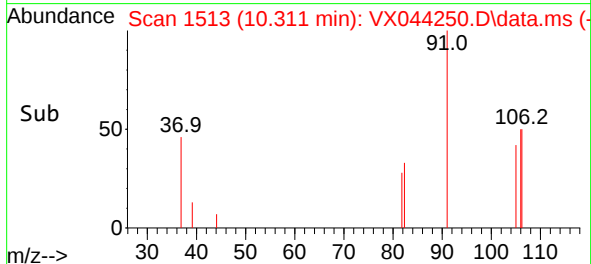
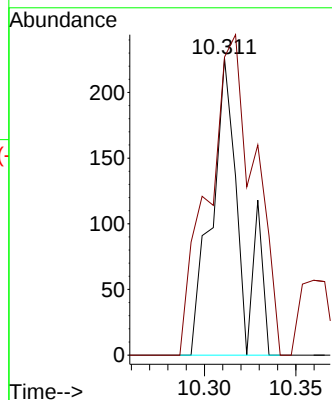
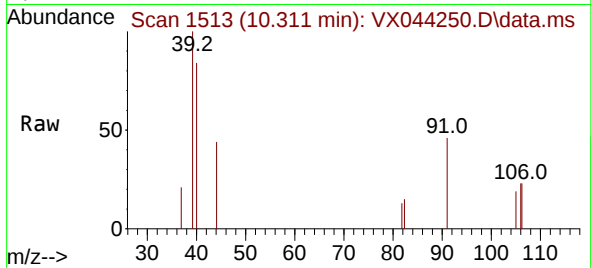




#68
m/p-Xylenes
Concen: 0.101 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

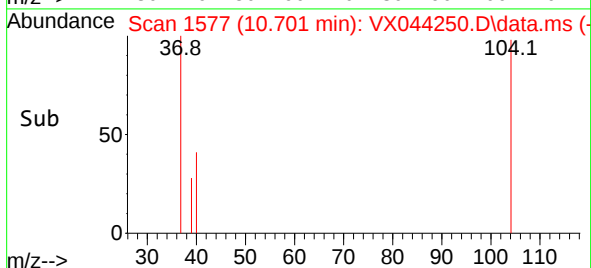
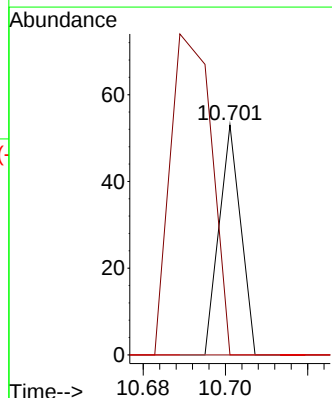
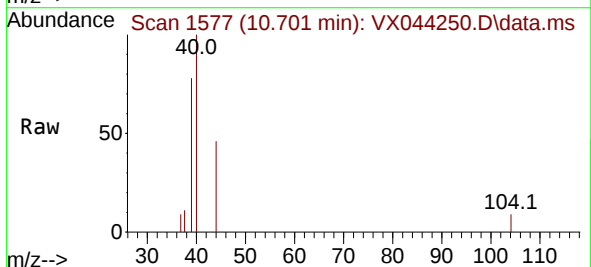
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

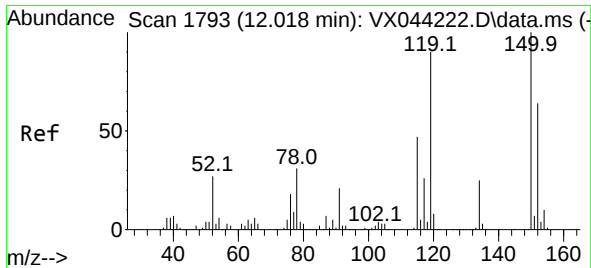
Tgt Ion:106 Resp: 244
Ion Ratio Lower Upper
106 100
91 175.4 170.2 255.2



#70
Styrene
Concen: 0.005 ug/l
RT: 10.701 min Scan# 1577
Delta R.T. 0.049 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion:104 Resp: 19
Ion Ratio Lower Upper
104 100
78 273.7 44.6 67.0#
103 0.0 45.4 68.0#

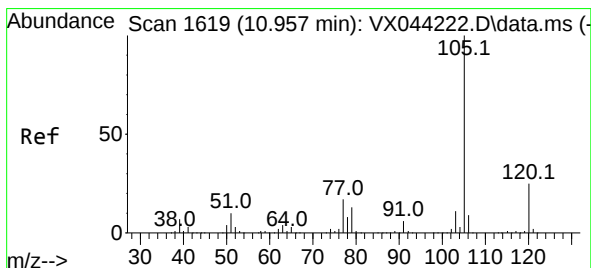
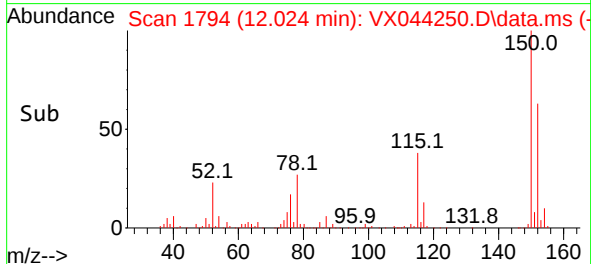
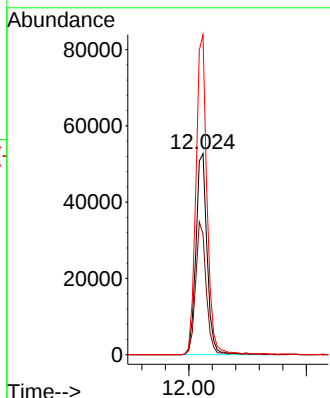
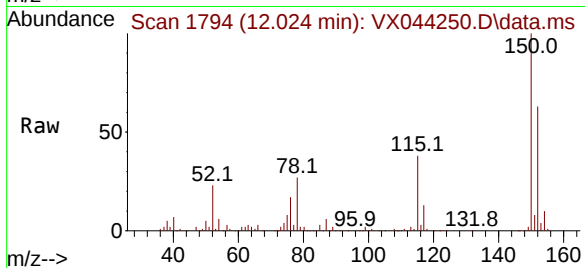




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

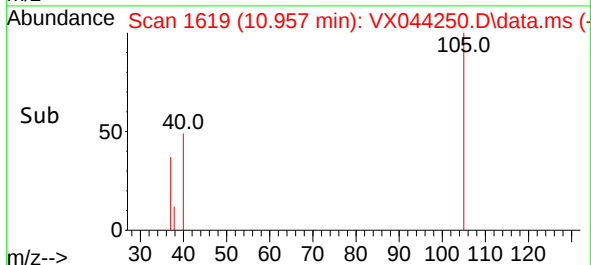
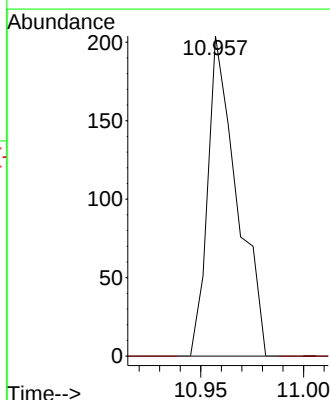
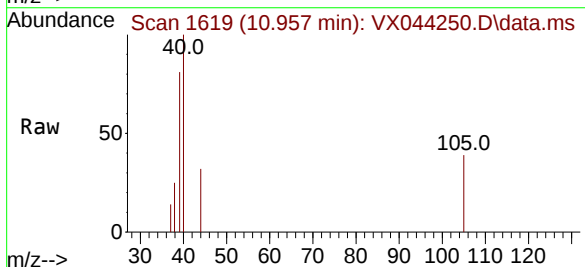
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

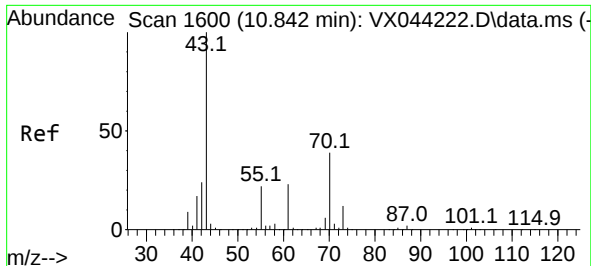
Tgt Ion:152 Resp: 69576
Ion Ratio Lower Upper
152 100
115 62.5 44.5 133.3
150 156.5 0.0 353.8



#73
Isopropylbenzene
Concen: 0.038 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion:105 Resp: 201
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.3#

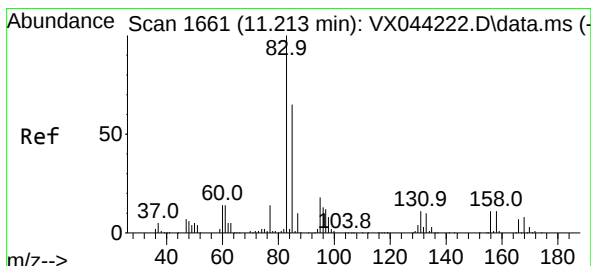
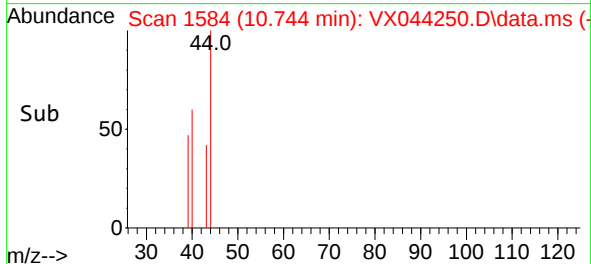
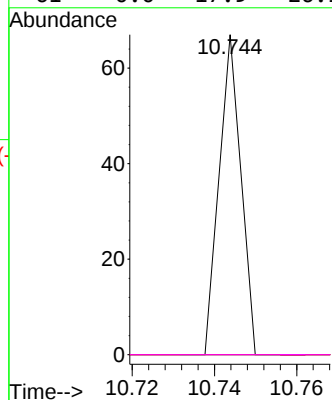
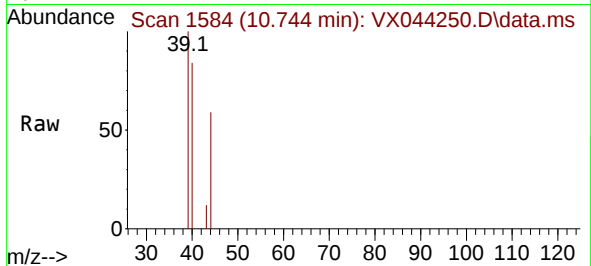




#74
N-amy1 acetate
Concen: 0.010 ug/l
RT: 10.744 min Scan# 1639
Delta R.T. -0.098 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

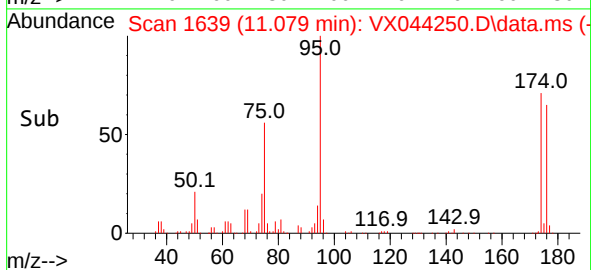
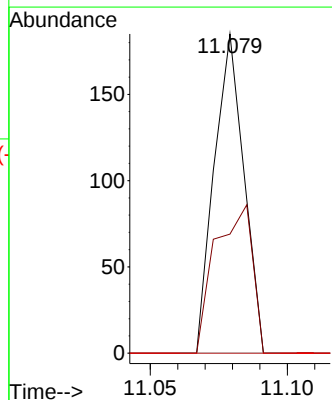
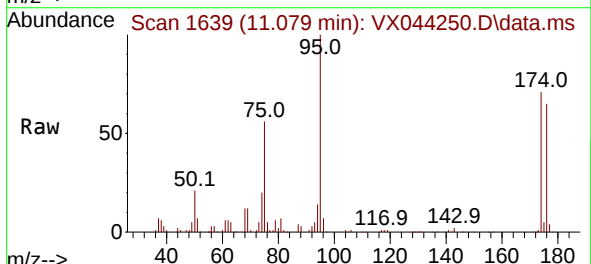
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

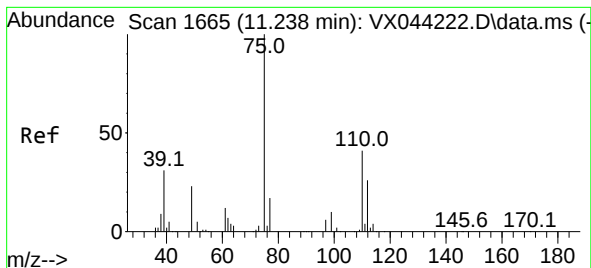
Tgt Ion:	43	Resp:	25
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.9	47.9#
55	0.0	17.9	26.9#
61	0.0	17.9	26.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion:	83	Resp:	139
Ion	Ratio	Lower	Upper
83	100		
131	58.3	5.1	15.4#
85	0.0	32.5	97.4#





#76

1,2,3-Trichloropropane

Concen: 29.338 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

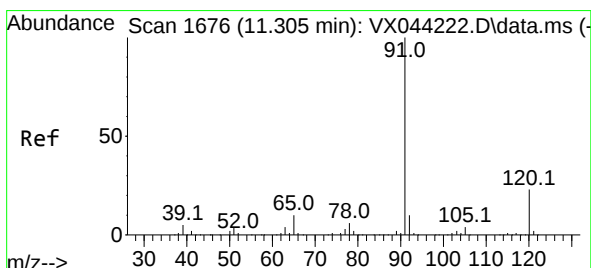
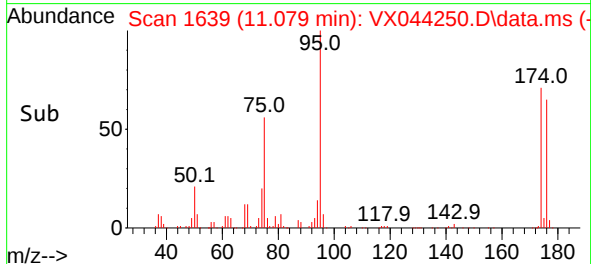
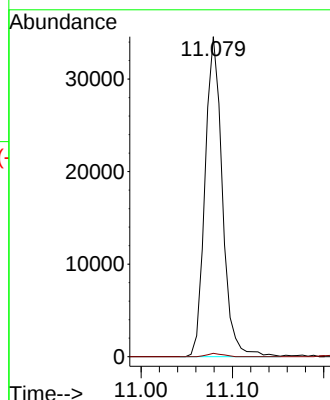
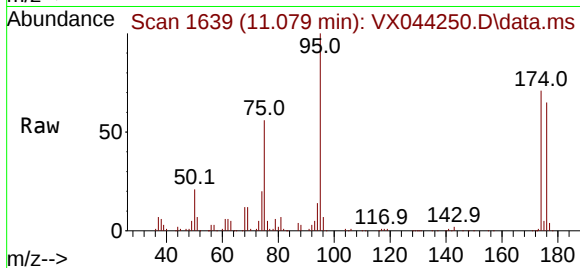
DUP-01-20241209

Tgt Ion: 75 Resp: 45575

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#78

n-propylbenzene

Concen: 0.030 ug/l

RT: 11.317 min Scan# 1678

Delta R.T. 0.012 min

Lab File: VX044250.D

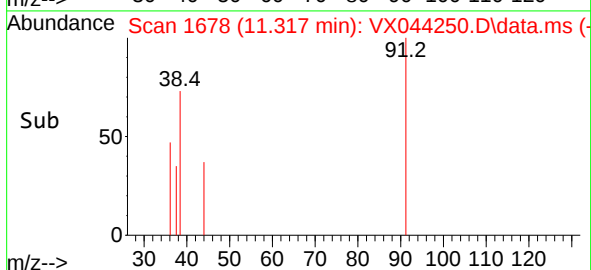
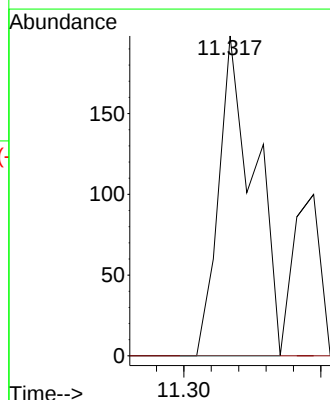
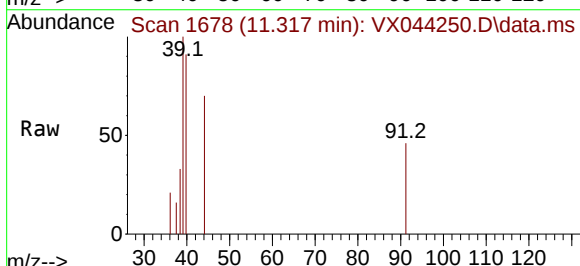
Acq: 12 Dec 2024 14:23

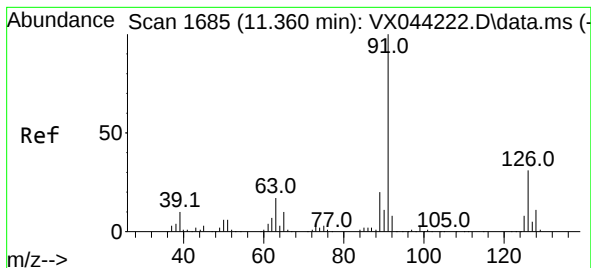
Tgt Ion: 91 Resp: 179

Ion Ratio Lower Upper

91 100

120 0.0 11.0 33.0#





#79

2-Chlorotoluene

Concen: 0.019 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

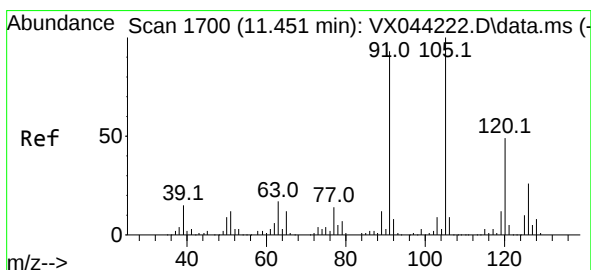
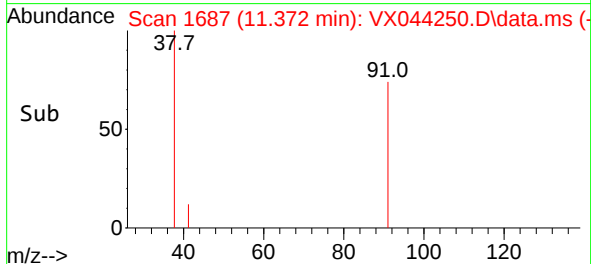
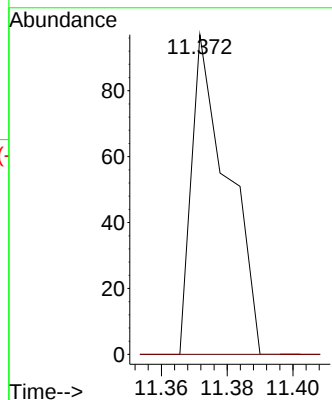
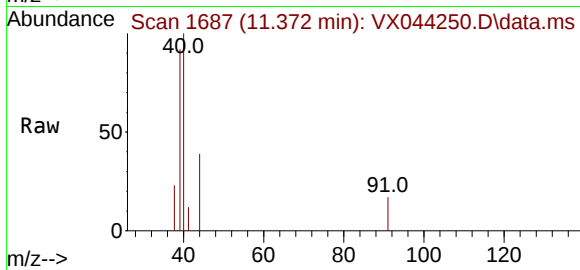
DUP-01-20241209

Tgt Ion: 91 Resp: 74

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 0.025 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX044250.D

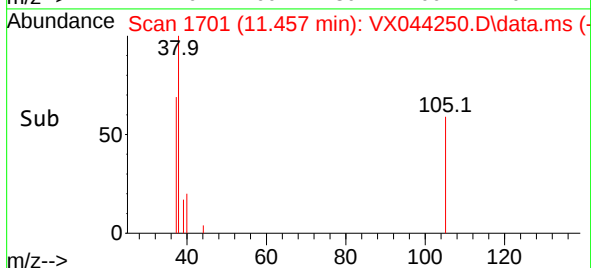
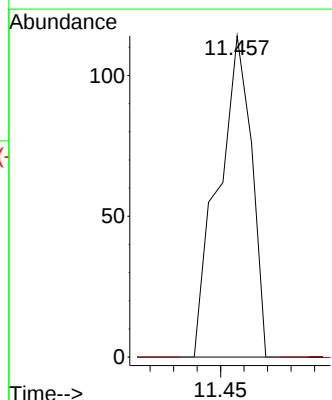
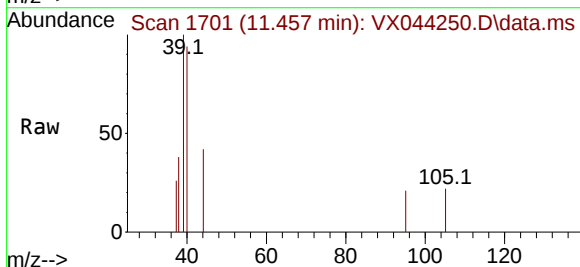
Acq: 12 Dec 2024 14:23

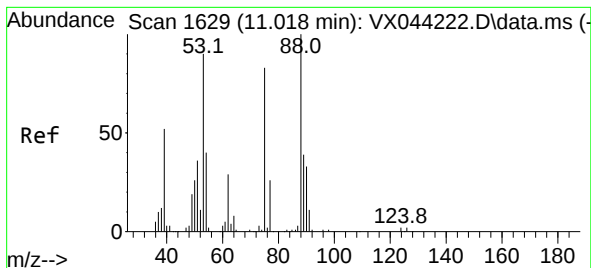
Tgt Ion: 105 Resp: 112

Ion Ratio Lower Upper

105 100

120 0.0 23.8 71.4#

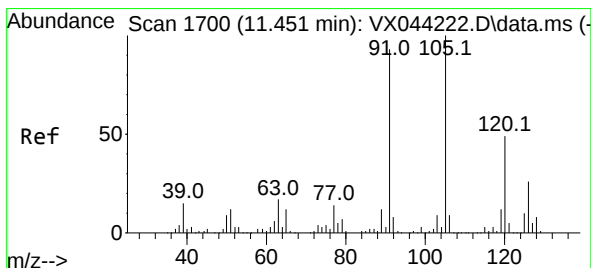
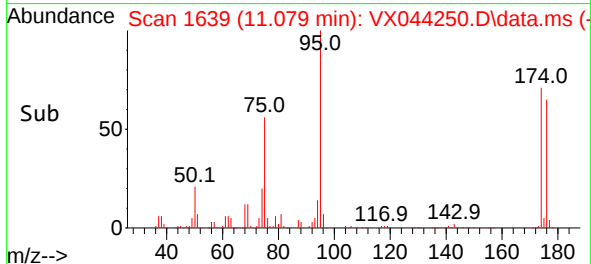
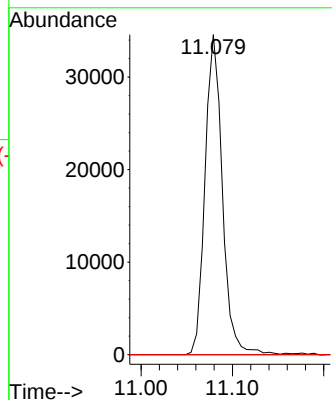
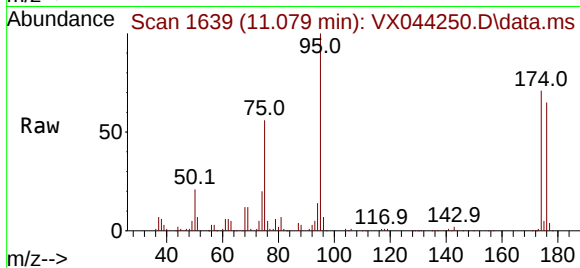




#81
trans-1,4-Dichloro-2-butene
Concen: 80.266 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

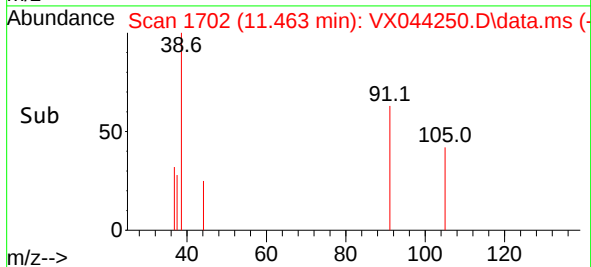
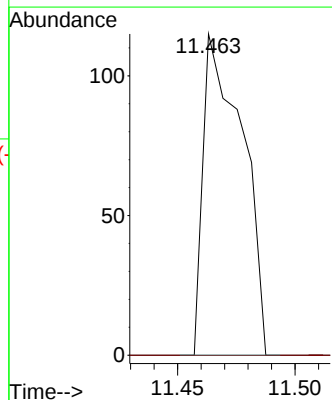
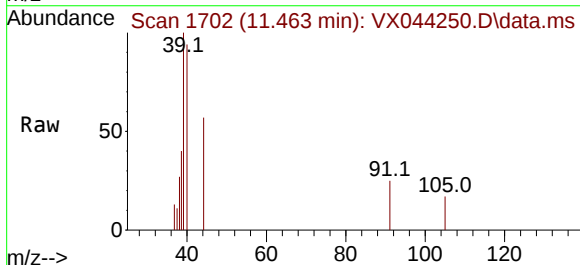
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

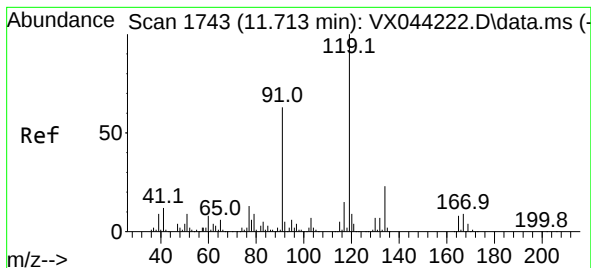
Tgt Ion: 75 Resp: 45575
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.032 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion: 91 Resp: 133
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#





#83

tert-Butylbenzene

Concen: 0.014 ug/l

RT: 11.719 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20241209

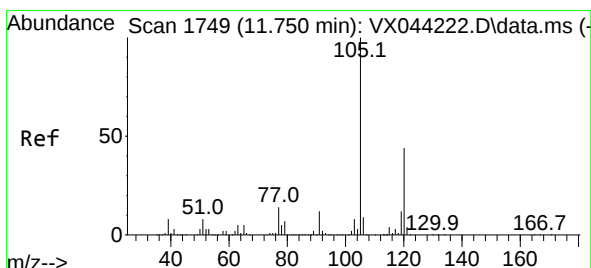
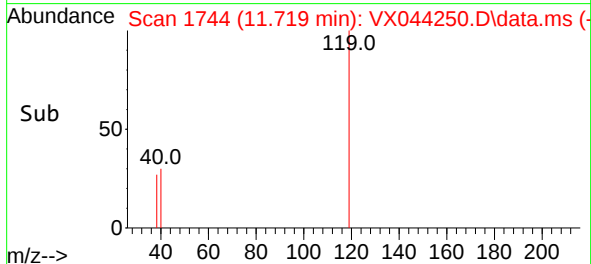
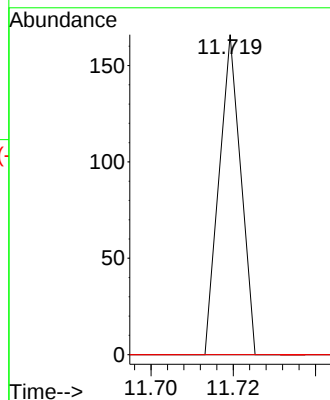
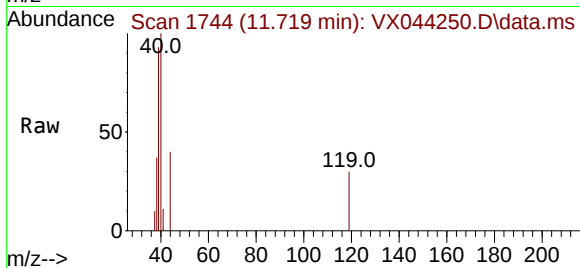
Tgt Ion:119 Resp: 61

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.5#

134 0.0 11.5 34.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.032 ug/l

RT: 11.768 min Scan# 1752

Delta R.T. 0.018 min

Lab File: VX044250.D

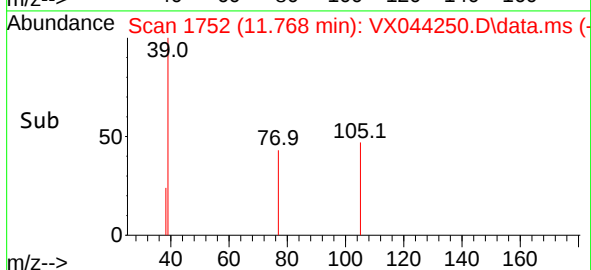
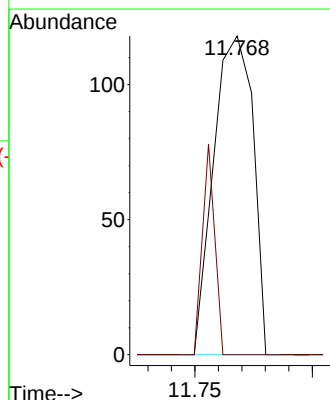
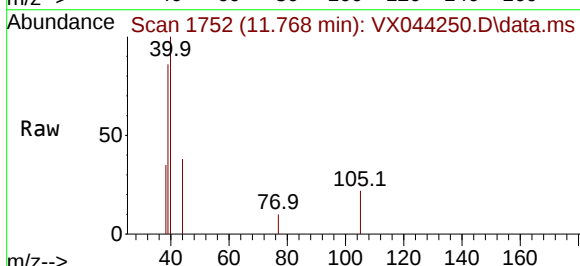
Acq: 12 Dec 2024 14:23

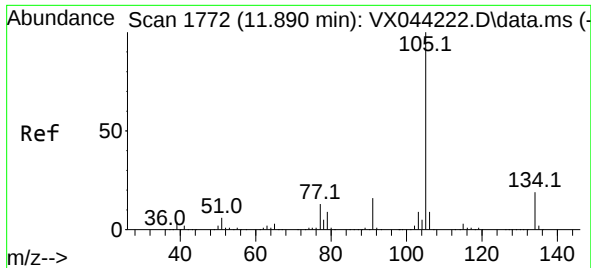
Tgt Ion:105 Resp: 138

Ion Ratio Lower Upper

105 100

120 21.0 21.7 65.1#

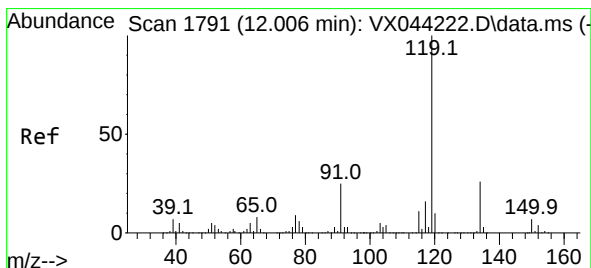
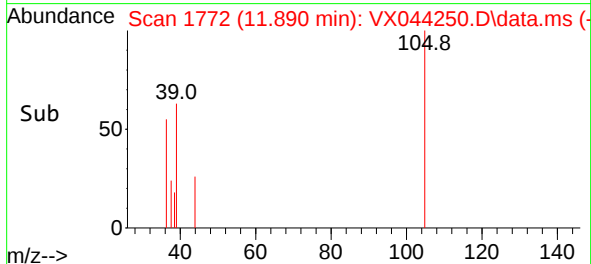
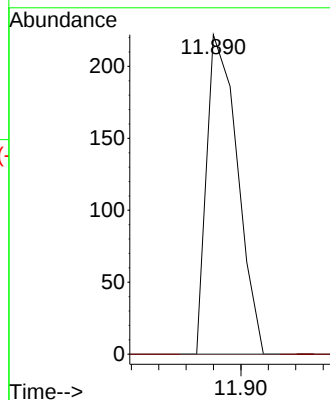
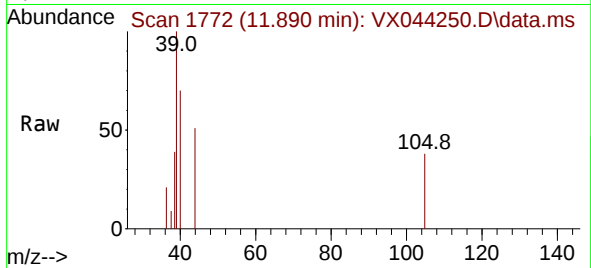




#85
 sec-Butylbenzene
 Concen: 0.033 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044250.D
 Acq: 12 Dec 2024 14:23

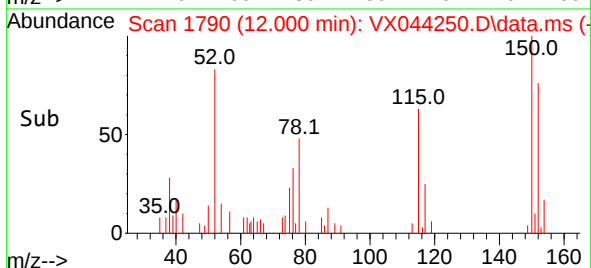
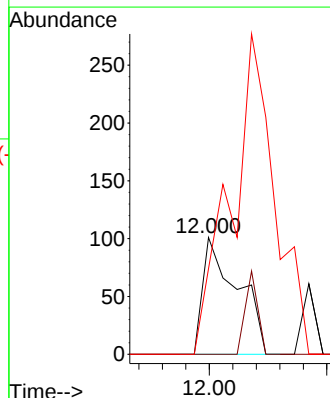
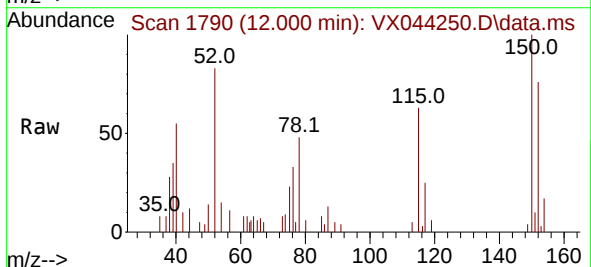
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20241209

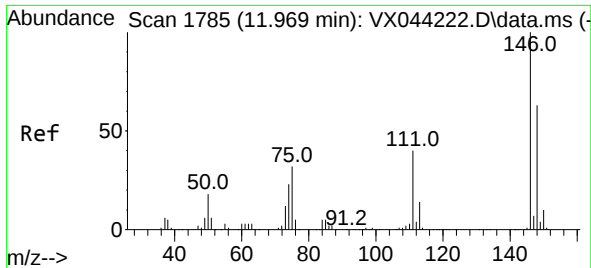
Tgt Ion:105 Resp: 173
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.023 ug/l
 RT: 12.000 min Scan# 1790
 Delta R.T. -0.006 min
 Lab File: VX044250.D
 Acq: 12 Dec 2024 14:23

Tgt Ion:119 Resp: 103
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 347.6 13.0 39.0#

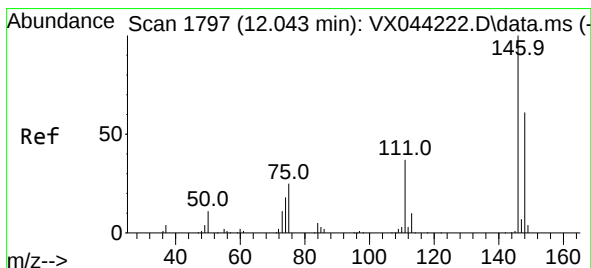
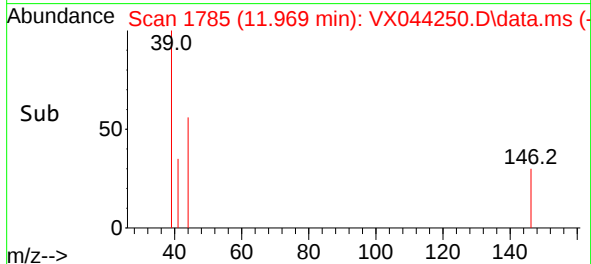
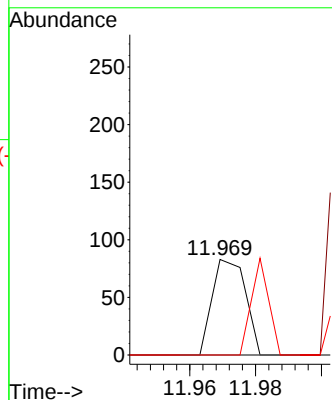
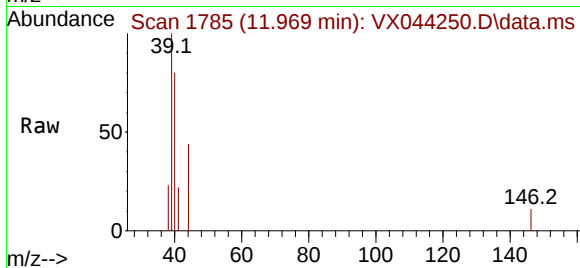




#87
1,3-Dichlorobenzene
Concen: 0.026 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

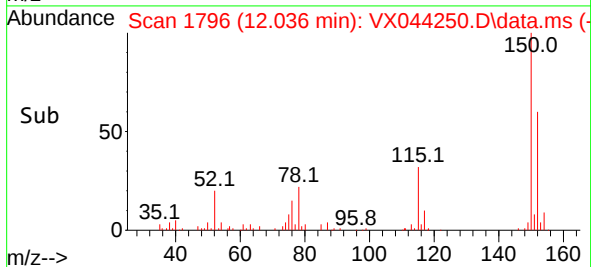
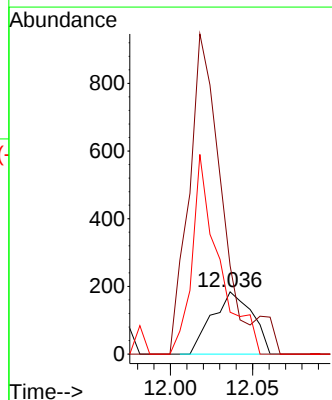
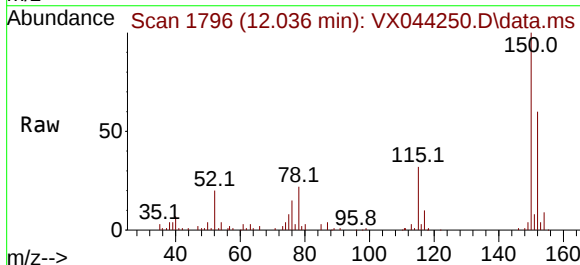
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20241209

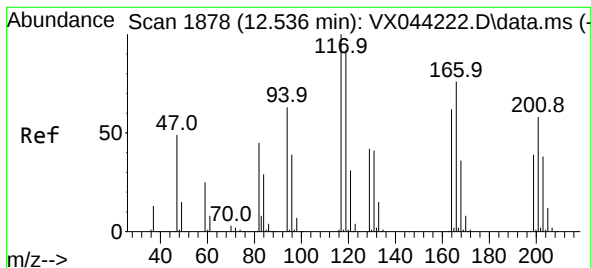
Tgt Ion:146 Resp: 58
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.2#
148 53.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 0.135 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044250.D
Acq: 12 Dec 2024 14:23

Tgt Ion:146 Resp: 313
Ion Ratio Lower Upper
146 100
111 431.3 21.0 63.0#
148 214.1 32.3 96.8#





#90

Hexachloroethane

Concen: 0.039 ug/l

RT: 12.378 min Scan# 11

Delta R.T. -0.159 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

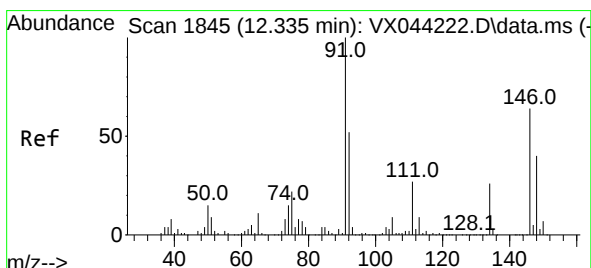
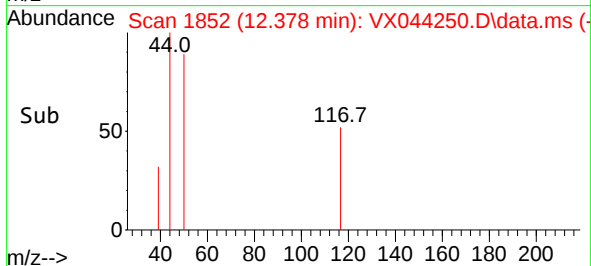
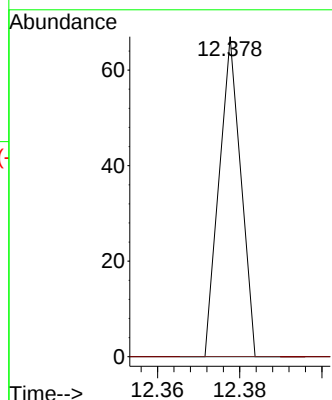
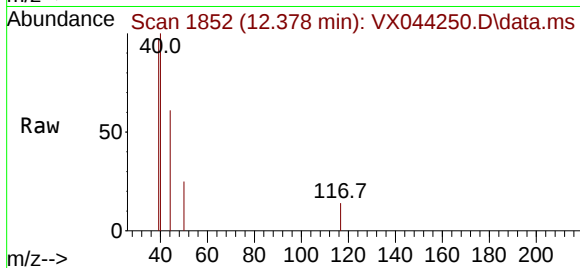
DUP-01-20241209

Tgt Ion:117 Resp: 25

Ion Ratio Lower Upper

117 100

201 0.0 31.4 94.2#



#91

1,2-Dichlorobenzene

Concen: 0.023 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

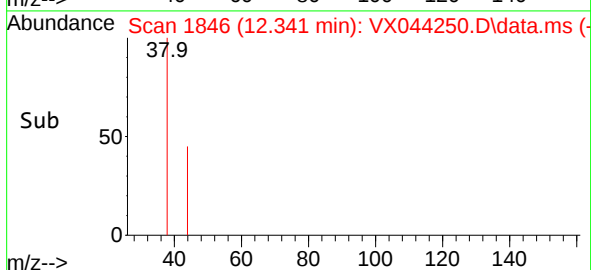
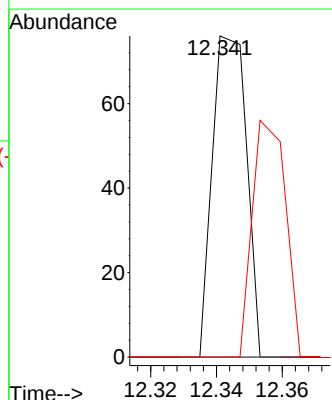
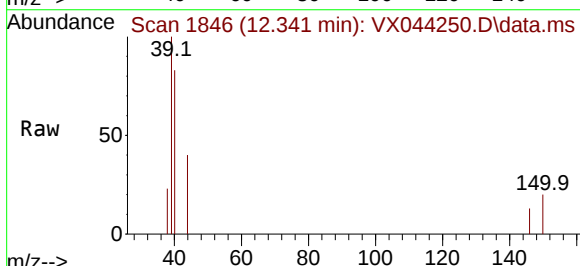
Tgt Ion:146 Resp: 55

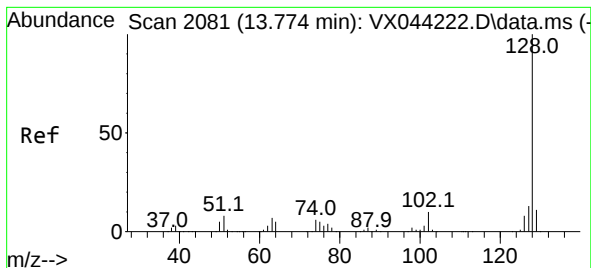
Ion Ratio Lower Upper

146 100

111 0.0 21.4 64.3#

148 70.9 31.6 95.0





#95

Naphthalene

Concen: 0.113 ug/l

RT: 13.804 min Scan# 2081

Delta R.T. 0.030 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20241209

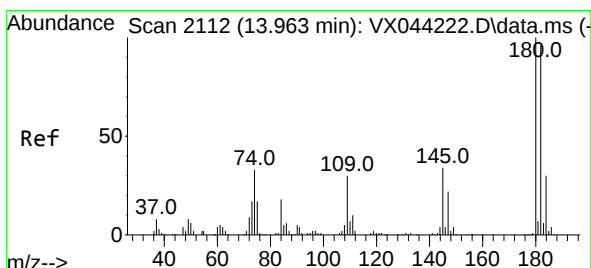
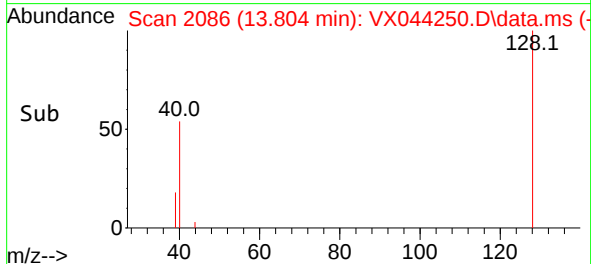
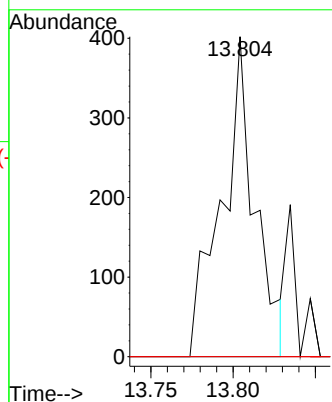
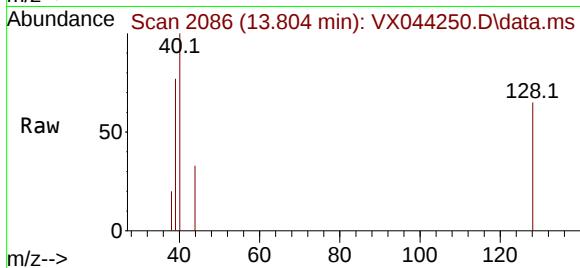
Tgt Ion:128 Resp: 564

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 9.0 13.4#



#96

1,2,3-Trichlorobenzene

Concen: 0.070 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX044250.D

Acq: 12 Dec 2024 14:23

Tgt Ion:180 Resp: 95

Ion Ratio Lower Upper

180 100

182 98.9 48.0 144.0

145 0.0 17.7 53.1#

