

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046808.D
 Acq On : 23 Jun 2025 10:40
 Operator : JC/MD
 Sample : VX0623MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBS01

Quant Time: Jun 24 04:01:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85277	47.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.160%
35) Dibromofluoromethane	5.391	113	69659	48.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	8.647	98	245554	47.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.079	95	97134	50.592	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.179	85	23870	17.074	ug/l	100
3) Chloromethane	1.307	50	26439	17.521	ug/l	97
4) Vinyl Chloride	1.386	62	27313	16.973	ug/l	98
5) Bromomethane	1.624	94	18172	20.072	ug/l	100
6) Chloroethane	1.703	64	16873	17.300	ug/l	99
7) Trichlorofluoromethane	1.904	101	42185	17.265	ug/l	96
8) Diethyl Ether	2.148	74	14872	17.735	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	25632	17.100	ug/l	100
10) Methyl Iodide	2.465	142	29298	18.594	ug/l	99
11) Tert butyl alcohol	2.953	59	11004	67.687	ug/l	98
12) 1,1-Dichloroethene	2.337	96	25106	17.357	ug/l	99
13) Acrolein	2.246	56	24437	103.197	ug/l	99
14) Allyl chloride	2.678	41	45004	17.173	ug/l	98
15) Acrylonitrile	3.069	53	60357	82.565	ug/l	99
16) Acetone	2.386	43	44609	73.854	ug/l	98
17) Carbon Disulfide	2.526	76	69780	15.976	ug/l	99
18) Methyl Acetate	2.709	43	25007	16.301	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	75255	16.709	ug/l	100
20) Methylene Chloride	2.800	84	29178	17.370	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	26937	17.405	ug/l	96
22) Diisopropyl ether	3.764	45	93251	18.512	ug/l	90
23) Vinyl Acetate	3.727	43	344227	85.935	ug/l	100
24) 1,1-Dichloroethane	3.617	63	50294	17.585	ug/l	98
25) 2-Butanone	4.562	43	65584	76.773	ug/l	99
26) 2,2-Dichloropropane	4.483	77	36252	17.379	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	31745	17.459	ug/l	99
28) Bromochloromethane	4.904	49	25271	19.490	ug/l	99
29) Tetrahydrofuran	5.013	42	43296	78.466	ug/l	99
30) Chloroform	5.099	83	52399	18.320	ug/l	95
31) Cyclohexane	5.477	56	46314	17.076	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	42793	17.060	ug/l	98
36) 1,1-Dichloropropene	5.696	75	36379	17.579	ug/l	99
37) Ethyl Acetate	4.721	43	31410	16.443	ug/l	98
38) Carbon Tetrachloride	5.684	117	38779	17.267	ug/l	96
39) Methylcyclohexane	7.385	83	45543	16.724	ug/l	98
40) Benzene	6.044	78	110302	18.010	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17127	16.818	ug/l	95
42) 1,2-Dichloroethane	6.092	62	38344	17.816	ug/l	98
43) Isopropyl Acetate	6.342	43	49048	16.409	ug/l	99
44) Trichloroethene	7.129	130	27273	17.473	ug/l	99
45) 1,2-Dichloropropane	7.434	63	27549	18.150	ug/l	94
46) Dibromomethane	7.586	93	19643	18.007	ug/l	99
47) Bromodichloromethane	7.824	83	40829	18.341	ug/l	95
48) Methyl methacrylate	7.696	41	25130	16.763	ug/l	98
49) 1,4-Dioxane	7.665	88	6225	305.593	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	145472	81.598	ug/l	99
52) Toluene	8.714	92	68952	18.160	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36550	17.696	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41448	17.677	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	26371	18.638	ug/l	98
56) Ethyl methacrylate	9.116	69	35765	17.123	ug/l	99
57) 1,3-Dichloropropane	9.305	76	44400	18.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	102999	94.931	ug/l	99
59) 2-Hexanone	9.427	43	99307	80.573	ug/l	100
60) Dibromochloromethane	9.519	129	30102	18.053	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26554	18.450	ug/l	97
64) Tetrachloroethene	9.275	164	23524	16.891	ug/l	100
65) Chlorobenzene	10.080	112	76598	17.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	25736	17.257	ug/l	98
67) Ethyl Benzene	10.189	91	131634	16.978	ug/l	99
68) m/p-Xylenes	10.299	106	101513	35.138	ug/l	99
69) o-Xylene	10.640	106	48112	17.770	ug/l	98
70) Styrene	10.653	104	85447	18.034	ug/l	98
71) Bromoform	10.799	173	19229	16.931	ug/l #	98
73) Isopropylbenzene	10.957	105	127676	16.879	ug/l	100
74) N-amyl acetate	10.842	43	44113	15.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35448	16.783	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34416	18.296	ug/l	96
77) Bromobenzene	11.195	156	31642	17.383	ug/l	100
78) n-propylbenzene	11.299	91	153754	17.113	ug/l	100
79) 2-Chlorotoluene	11.360	91	91213	17.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	105359	16.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9392	14.113	ug/l	97
82) 4-Chlorotoluene	11.451	91	106762	17.053	ug/l	100
83) tert-Butylbenzene	11.713	119	110014	17.122	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	107545	17.220	ug/l	100
85) sec-Butylbenzene	11.890	105	138966	17.113	ug/l	99
86) p-Isopropyltoluene	12.006	119	116496	17.003	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	60290	16.987	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	60612	16.627	ug/l	99
89) n-Butylbenzene	12.329	91	109798	16.878	ug/l	100
90) Hexachloroethane	12.536	117	20085	16.740	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	57425	17.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6186	14.835	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	38928	16.509	ug/l	98
94) Hexachlorobutadiene	13.719	225	16657	16.793	ug/l	98
95) Naphthalene	13.774	128	107110	15.944	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	38108	16.893	ug/l	99

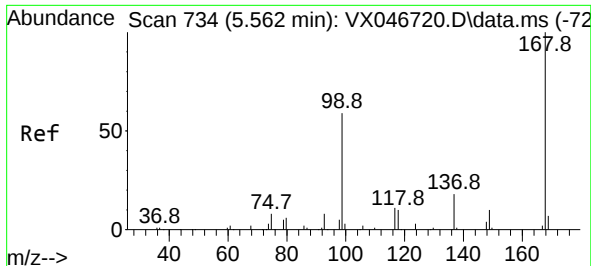
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
Data File : VX046808.D
Acq On : 23 Jun 2025 10:40
Operator : JC/MD
Sample : VX0623MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
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ClientSampleId :
VX0623MBSD01

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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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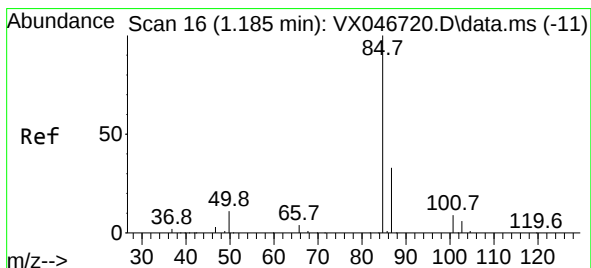
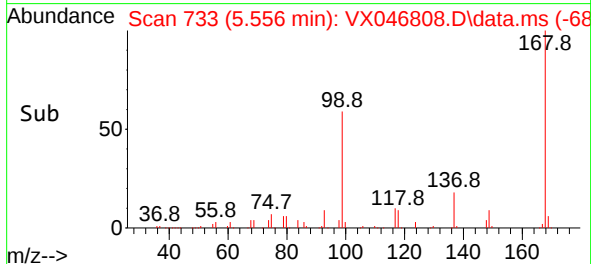
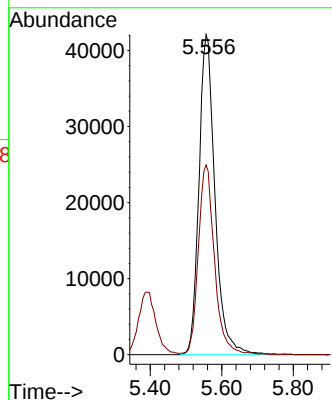
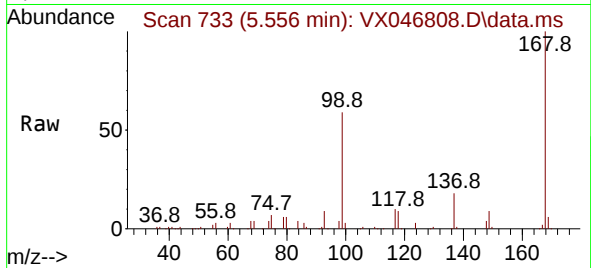
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

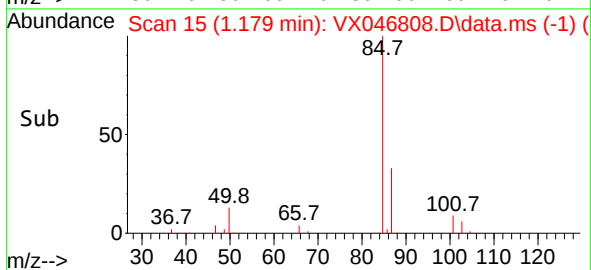
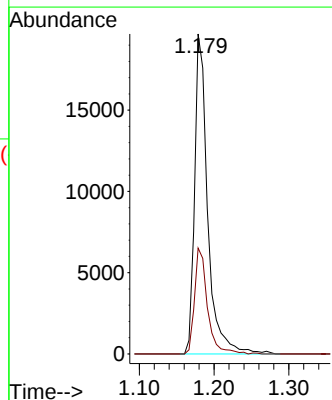
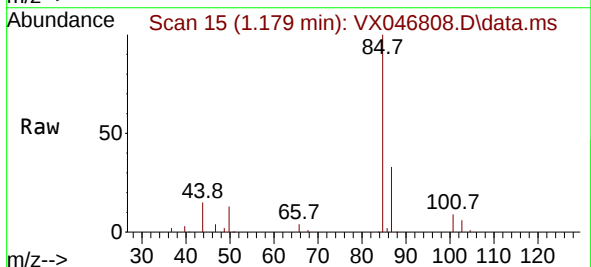
Instrument :
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ClientSampleId :
VX0623MBSD01

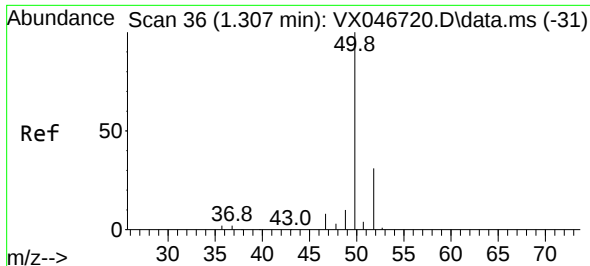
Tgt Ion:168 Resp: 130951
Ion Ratio Lower Upper
168 100
99 59.3 48.5 72.7



#2
Dichlorodifluoromethane
Concen: 17.074 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 85 Resp: 23870
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8

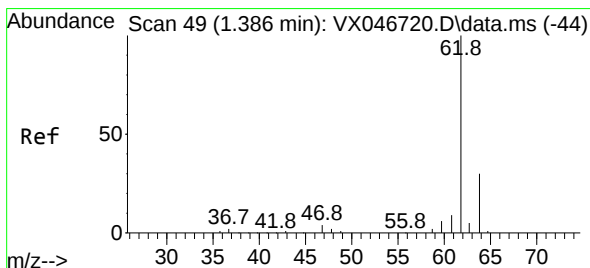
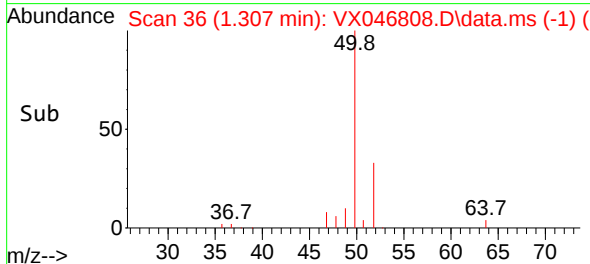
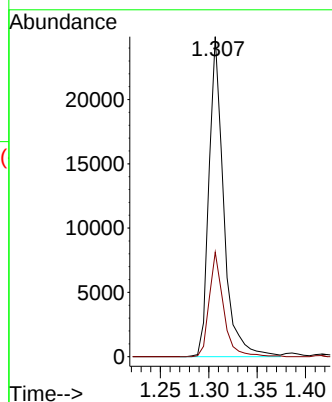
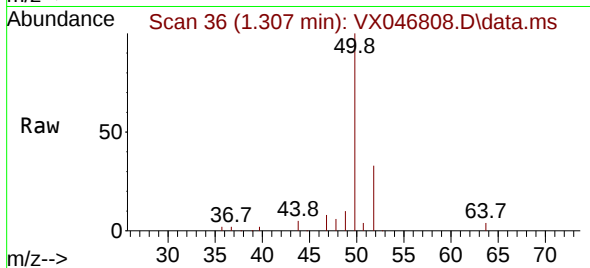




#3
Chloromethane
Concen: 17.521 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

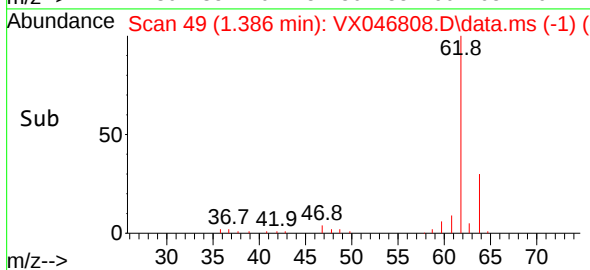
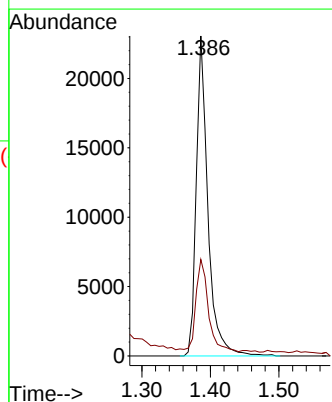
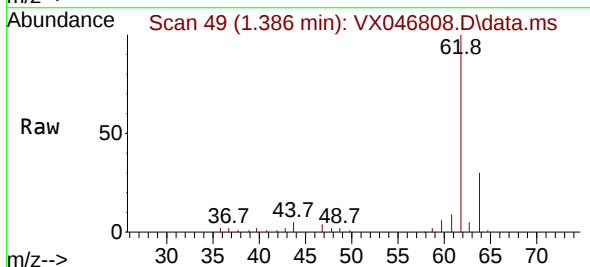
Instrument :
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ClientSampleId :
VX0623MBSD01

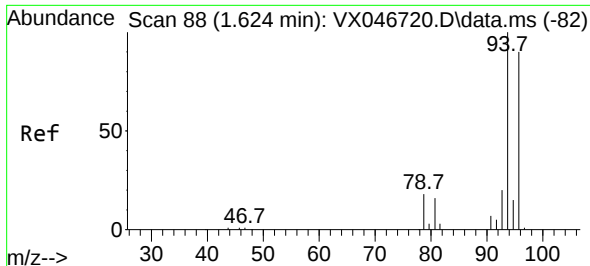
Tgt Ion: 50 Resp: 26439
Ion Ratio Lower Upper
50 100
52 32.7 24.9 37.3



#4
Vinyl Chloride
Concen: 16.973 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 62 Resp: 27313
Ion Ratio Lower Upper
62 100
64 28.8 23.9 35.9

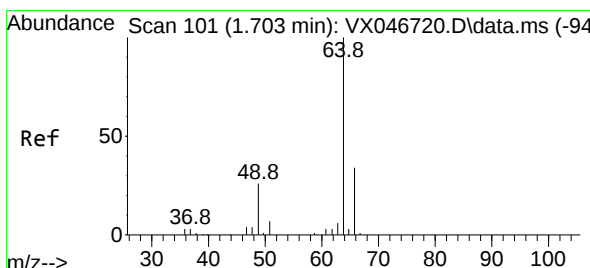
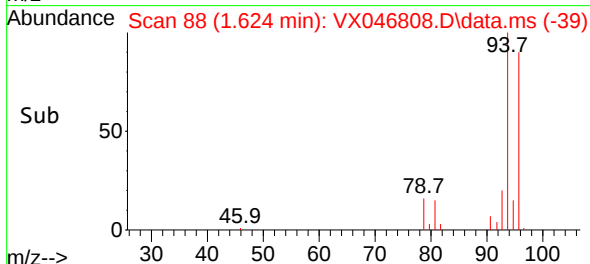
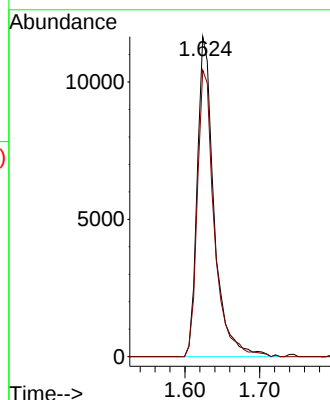
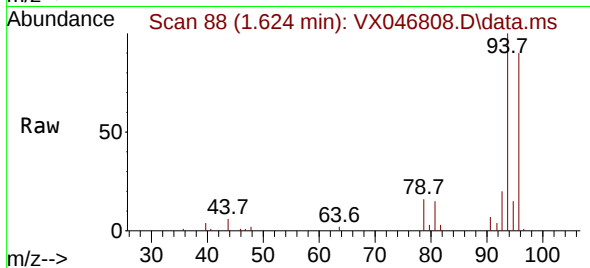




#5
Bromomethane
Concen: 20.072 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

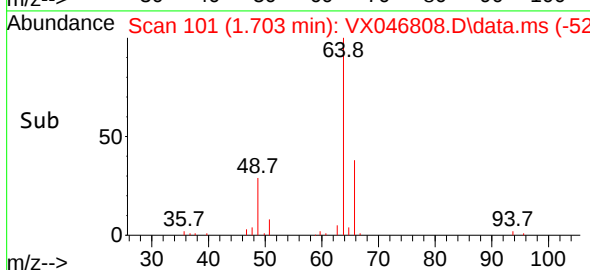
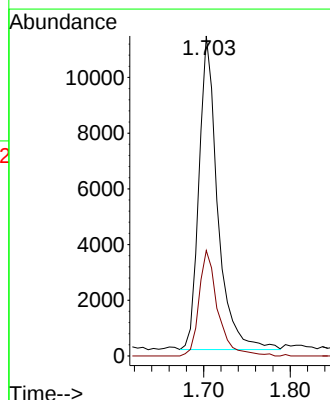
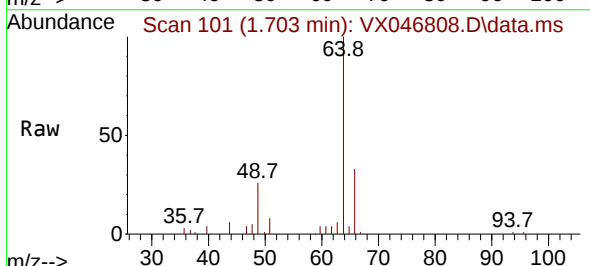
Instrument :
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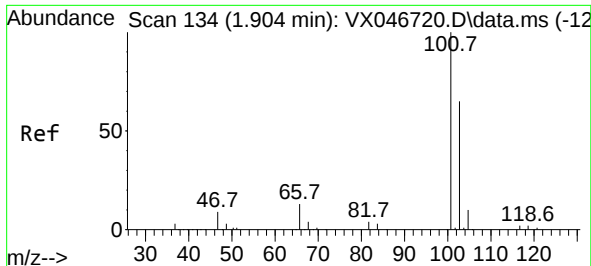
Tgt Ion: 94 Resp: 18172
Ion Ratio Lower Upper
94 100
96 90.8 72.3 108.5



#6
Chloroethane
Concen: 17.300 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 64 Resp: 16873
Ion Ratio Lower Upper
64 100
66 33.6 27.1 40.7

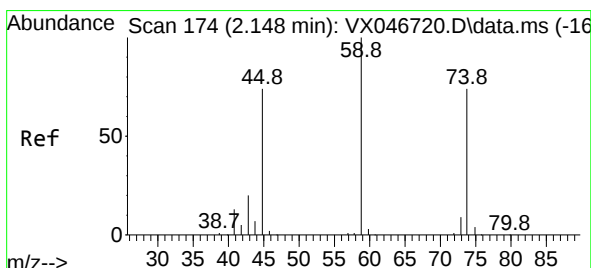
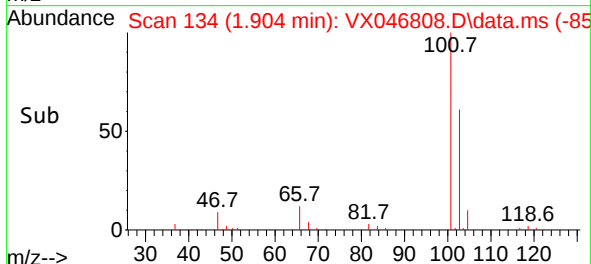
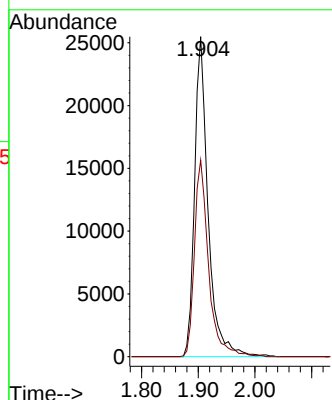
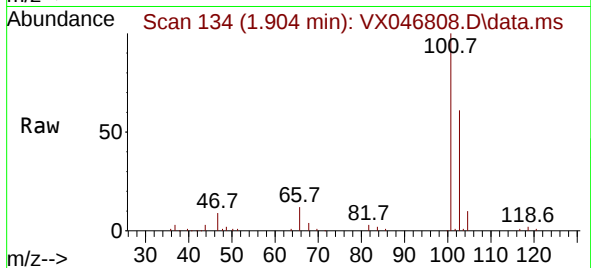




#7
Trichlorofluoromethane
Concen: 17.265 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

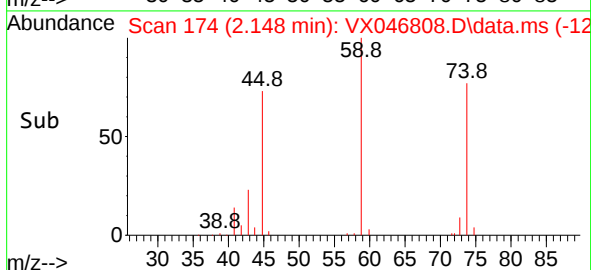
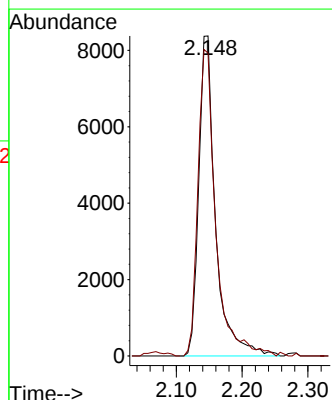
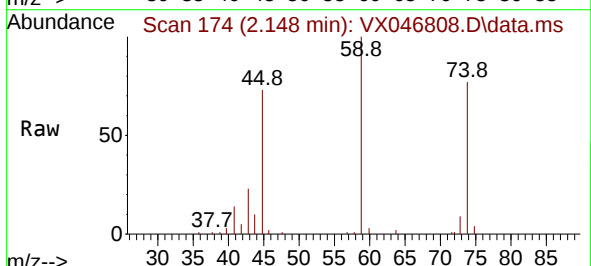
Instrument :
MSVOA_X
ClientSampleId :
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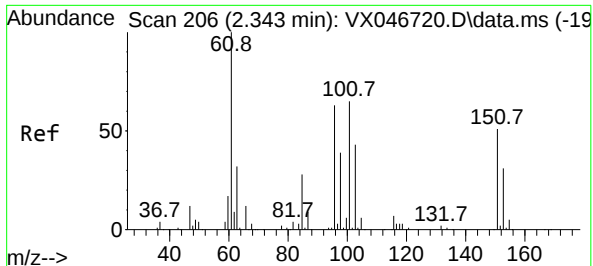
Tgt Ion:101 Resp: 42185
Ion Ratio Lower Upper
101 100
103 61.5 51.8 77.8



#8
Diethyl Ether
Concen: 17.735 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 74 Resp: 14872
Ion Ratio Lower Upper
74 100
45 101.4 52.3 157.1

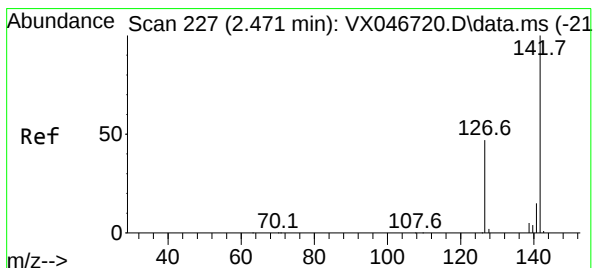
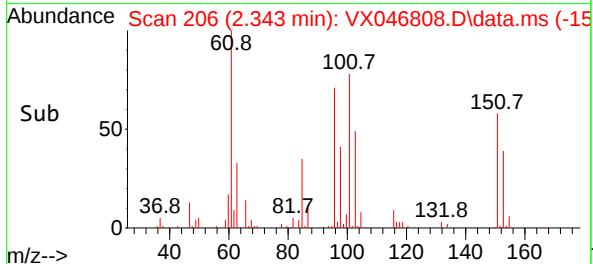
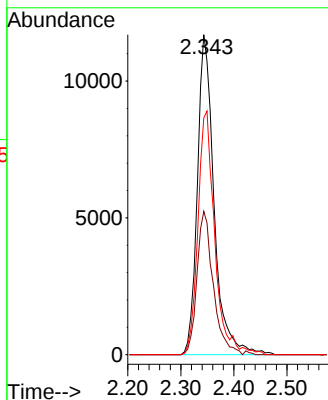
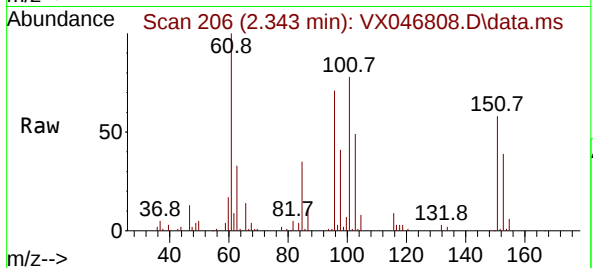




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.100 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

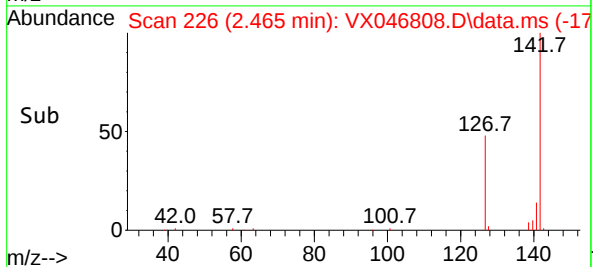
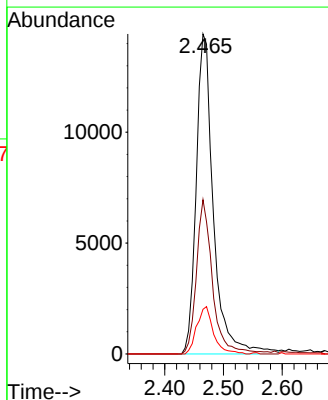
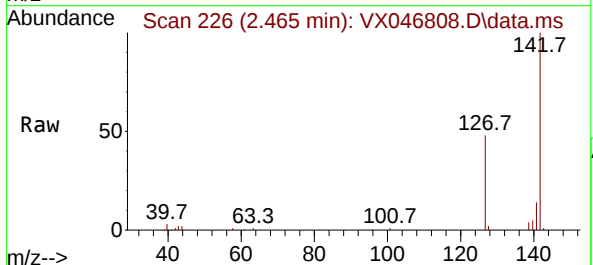
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

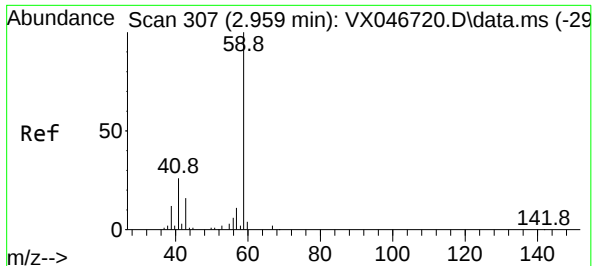
Tgt Ion:	101	Resp:	25632
Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.4	53.0
151	76.6	61.2	91.8



#10
Methyl Iodide
Concen: 18.594 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion:	142	Resp:	29298
Ion	Ratio	Lower	Upper
142	100		
127	45.3	37.0	55.6
141	14.3	11.5	17.3





#11

Tert butyl alcohol

Concen: 67.687 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

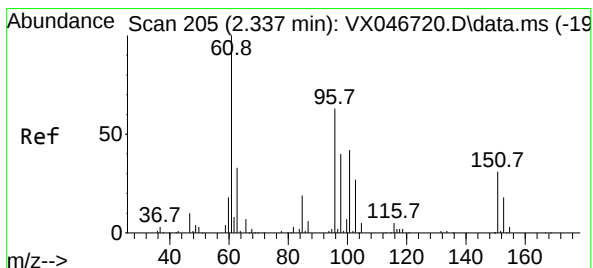
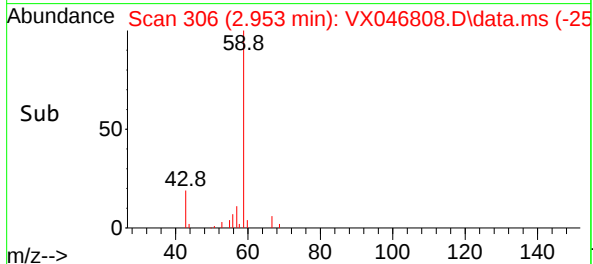
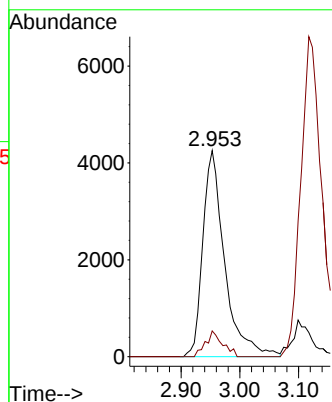
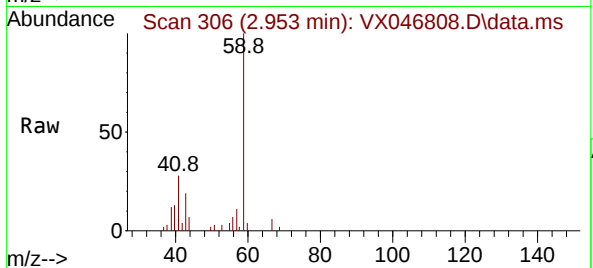
VX0623MBSD01

Tgt Ion: 59 Resp: 11004

Ion Ratio Lower Upper

59 100

57 9.7 8.3 12.5



#12

1,1-Dichloroethene

Concen: 17.357 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

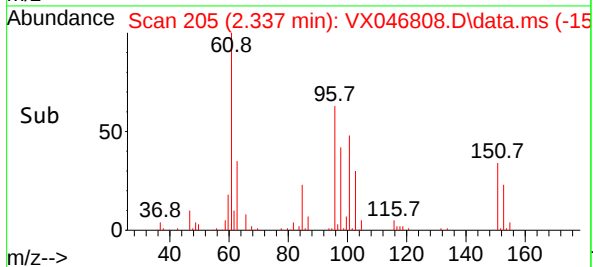
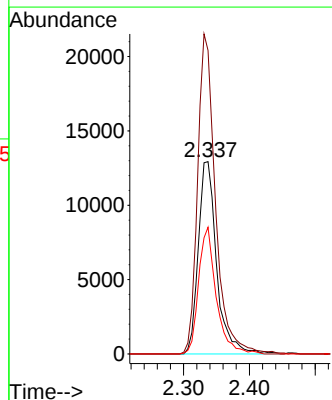
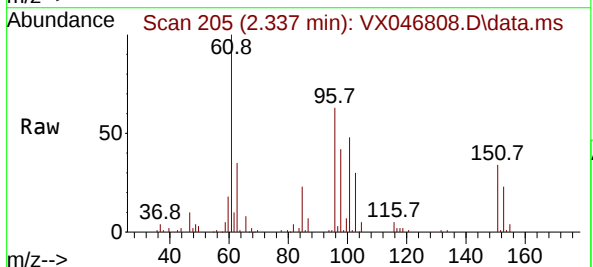
Tgt Ion: 96 Resp: 25106

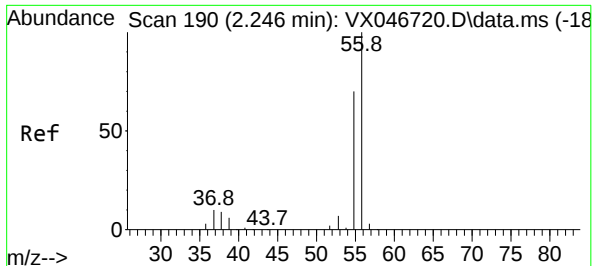
Ion Ratio Lower Upper

96 100

61 157.7 126.6 189.8

98 65.9 50.7 76.1

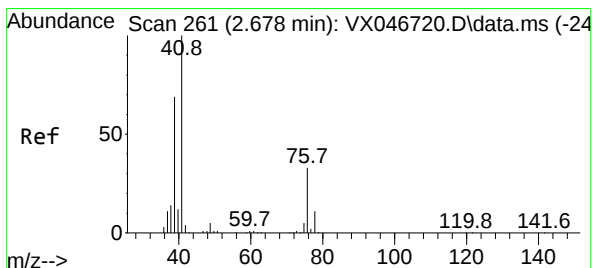
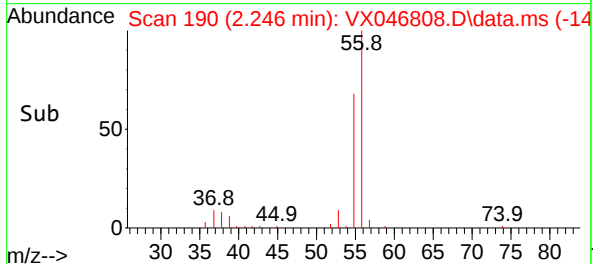
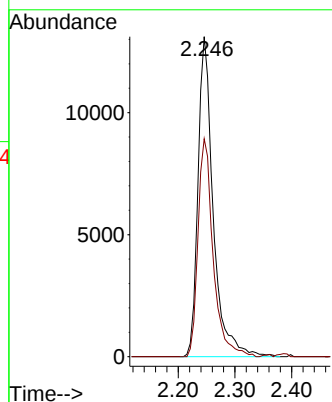
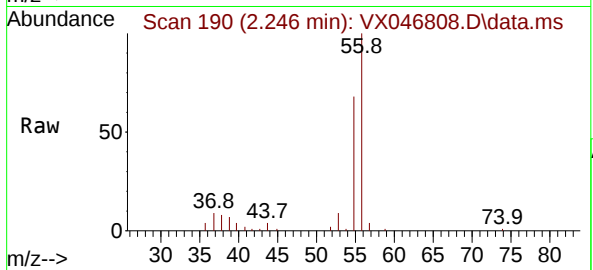




#13
Acrolein
Concen: 103.197 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

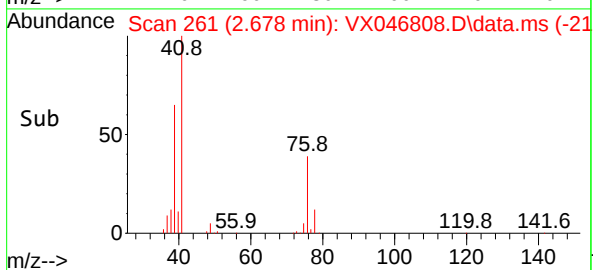
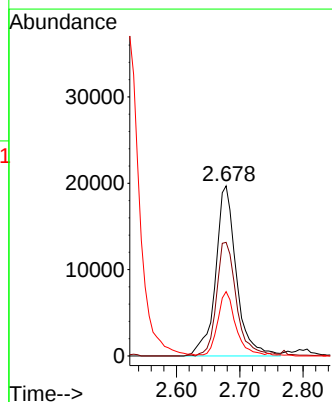
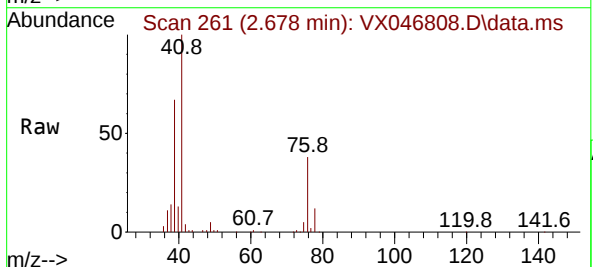
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBS01

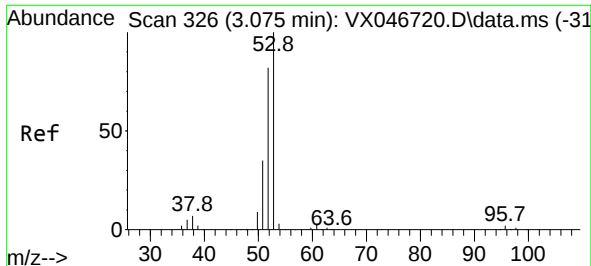
Tgt Ion: 56 Resp: 24437
Ion Ratio Lower Upper
56 100
55 68.0 55.2 82.8



#14
Allyl chloride
Concen: 17.173 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 41 Resp: 45004
Ion Ratio Lower Upper
41 100
39 64.5 53.6 80.4
76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 82.565 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX046808.D

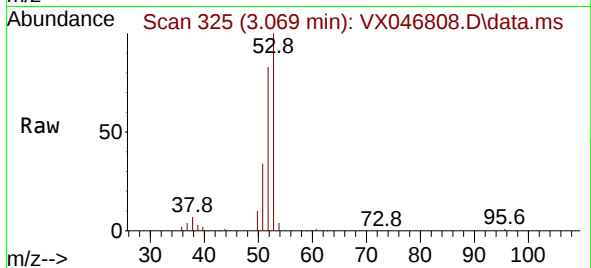
Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01



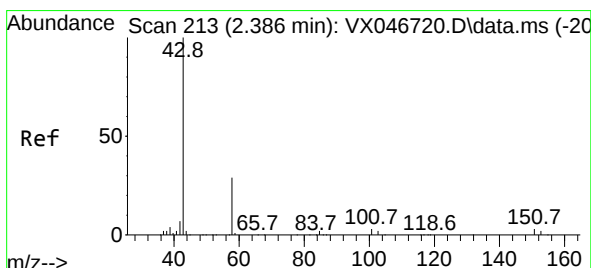
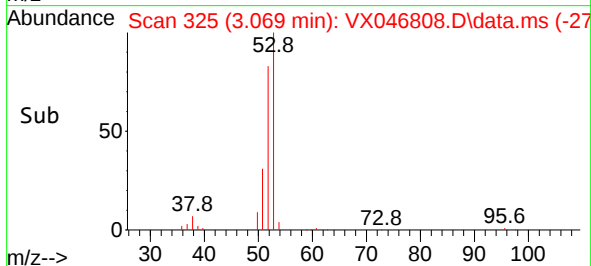
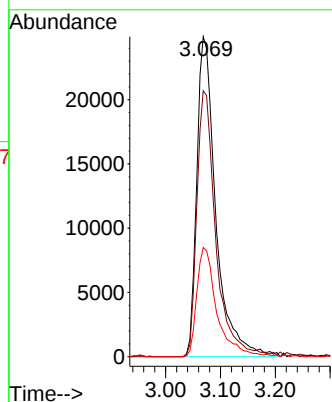
Tgt Ion: 53 Resp: 60357

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

51 35.9 28.9 43.3



#16

Acetone

Concen: 73.854 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX046808.D

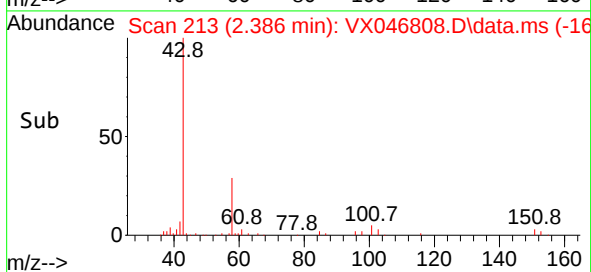
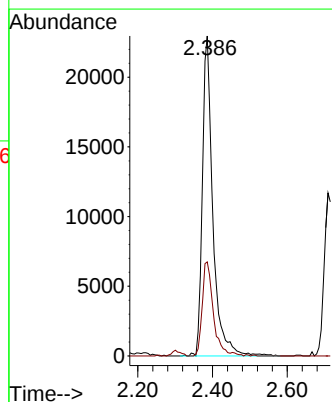
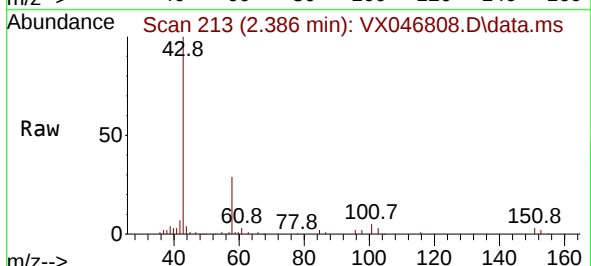
Acq: 23 Jun 2025 10:40

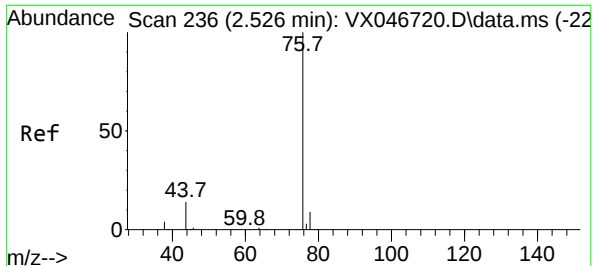
Tgt Ion: 43 Resp: 44609

Ion Ratio Lower Upper

43 100

58 29.4 24.5 36.7

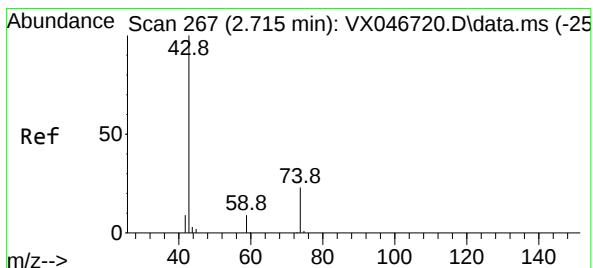
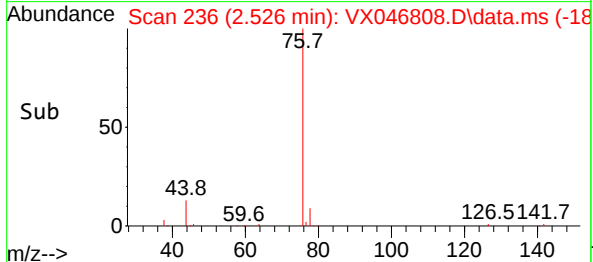
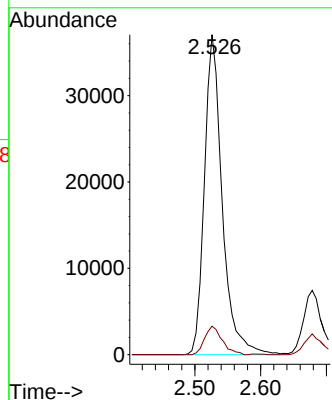
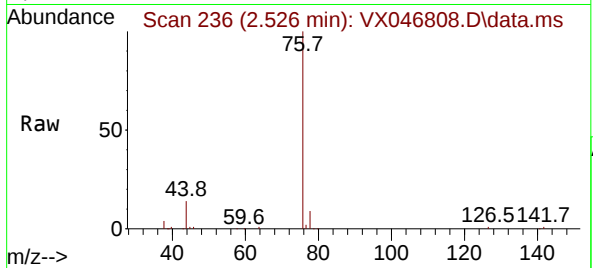




#17
Carbon Disulfide
Concen: 15.976 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

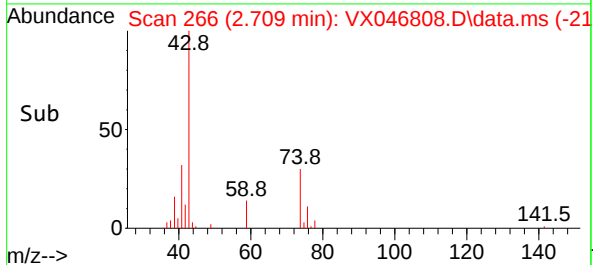
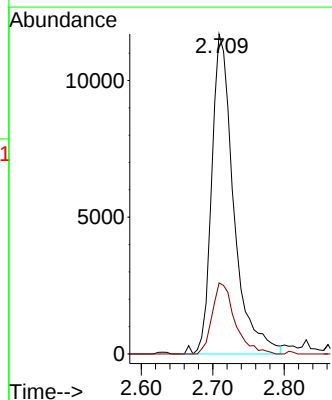
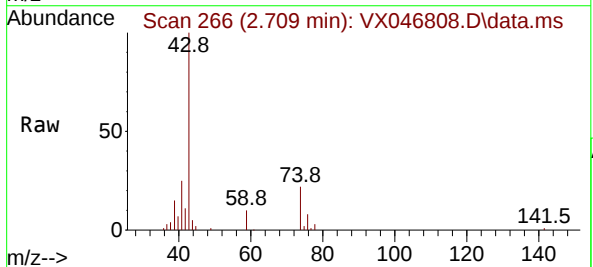
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

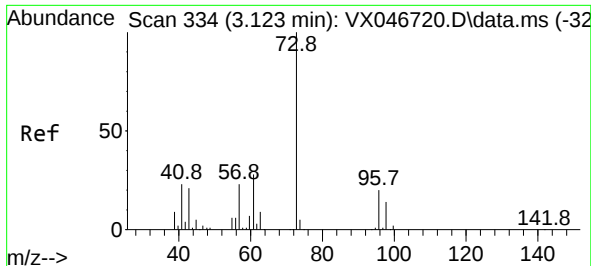
Tgt Ion: 76 Resp: 69780
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 16.301 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 43 Resp: 25007
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6

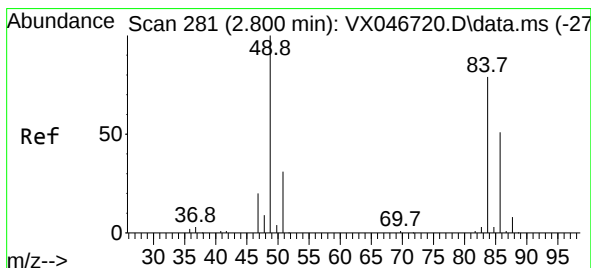
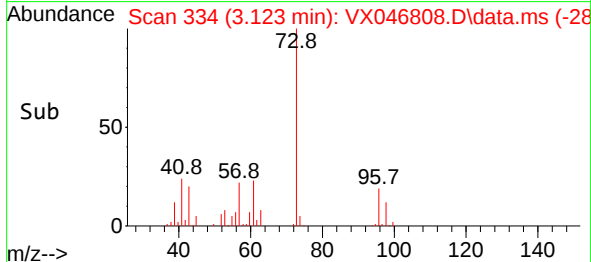
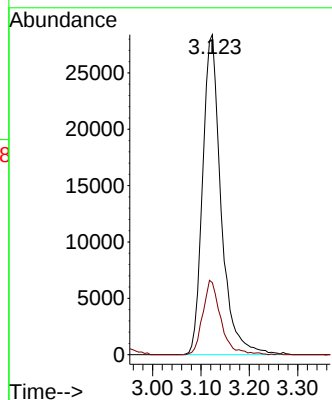
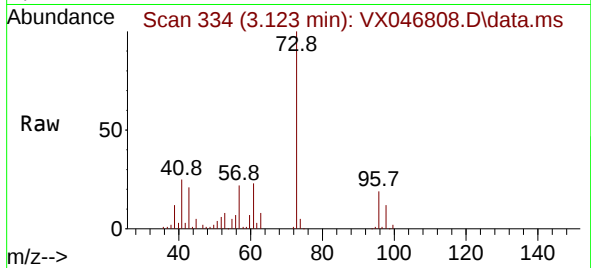




#19
Methyl tert-butyl Ether
Concen: 16.709 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

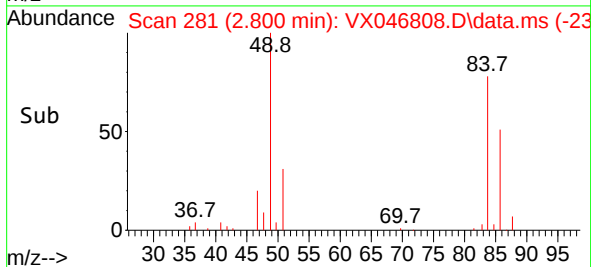
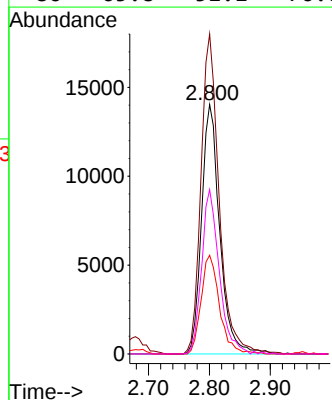
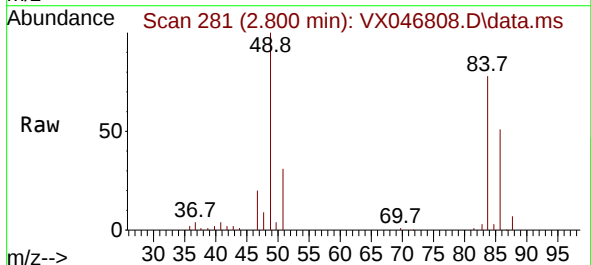
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

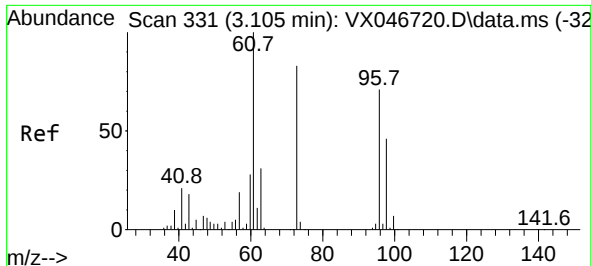
Tgt Ion: 73 Resp: 75255
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.2



#20
Methylene Chloride
Concen: 17.370 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 84 Resp: 29178
Ion Ratio Lower Upper
84 100
49 128.2 101.3 151.9
51 39.6 31.0 46.6
86 65.8 51.1 76.7

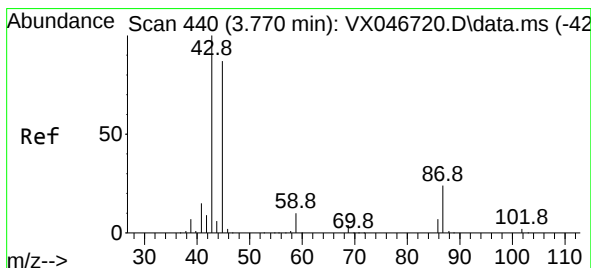
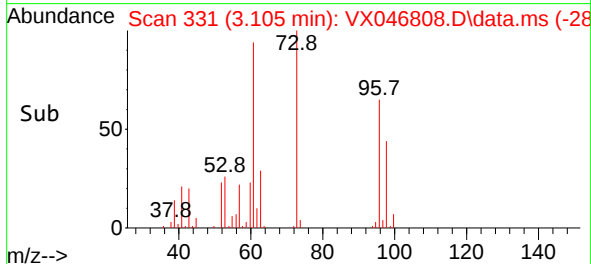
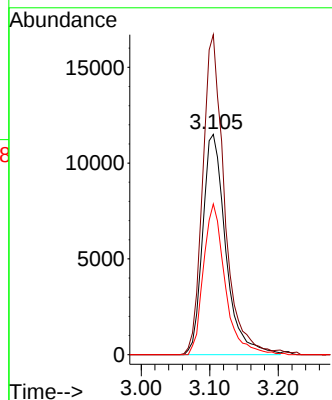
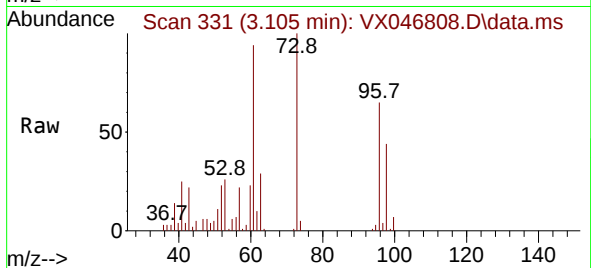




#21
trans-1,2-Dichloroethene
Concen: 17.405 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

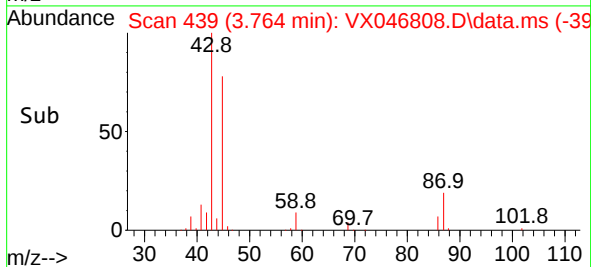
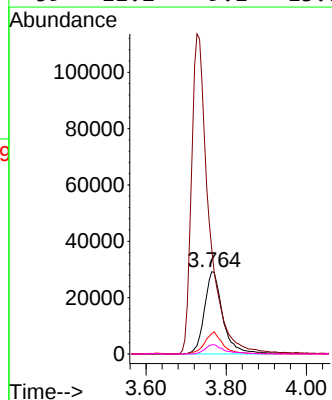
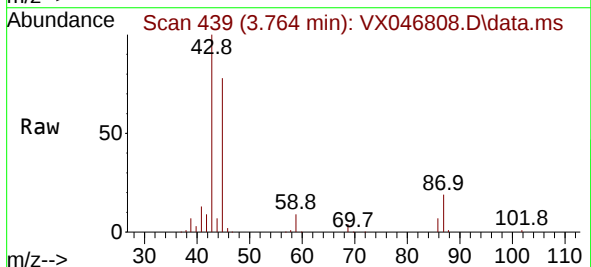
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

Tgt Ion: 96 Resp: 26937
Ion Ratio Lower Upper
96 100
61 145.2 112.5 168.7
98 68.4 51.9 77.9



#22
Diisopropyl ether
Concen: 18.512 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 45 Resp: 93251
Ion Ratio Lower Upper
45 100
43 127.7 91.9 137.9
87 24.5 22.0 33.0
59 11.2 9.1 13.7

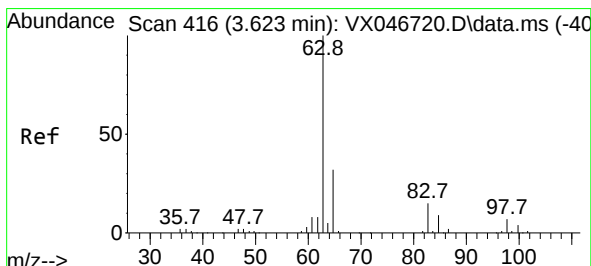
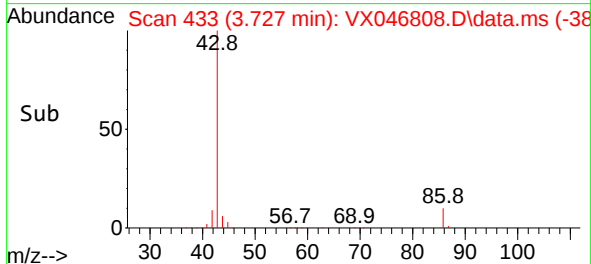
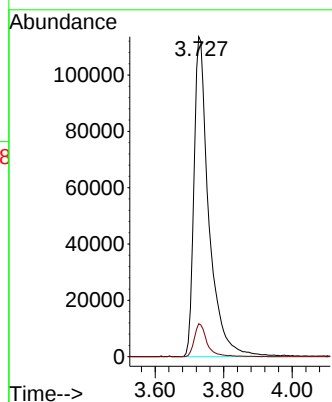
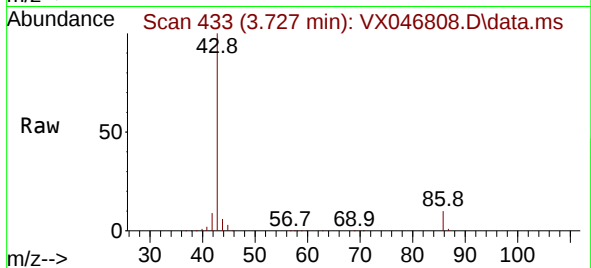




#23
 Vinyl Acetate
 Concen: 85.935 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

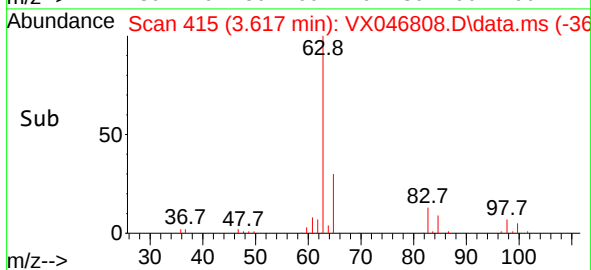
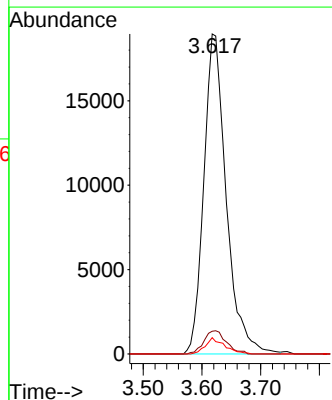
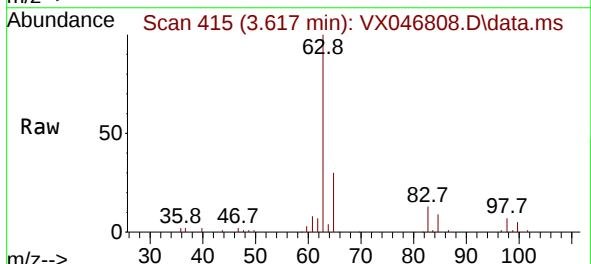
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBSD01

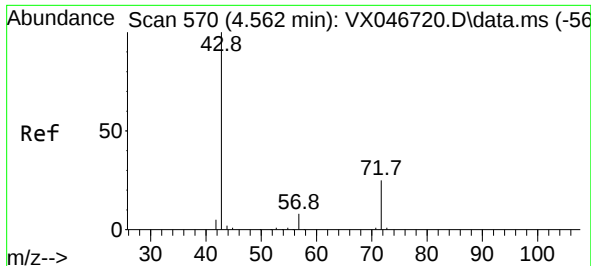
Tgt Ion: 43 Resp: 344227
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 17.585 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

Tgt Ion: 63 Resp: 50294
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 11.9
 100 5.1 2.2 6.6

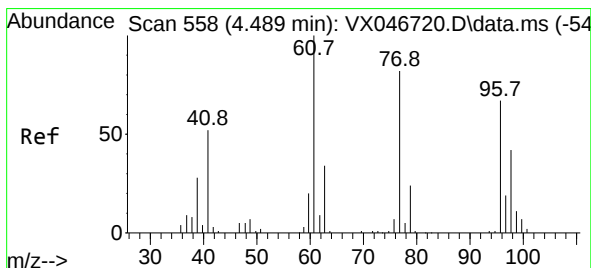
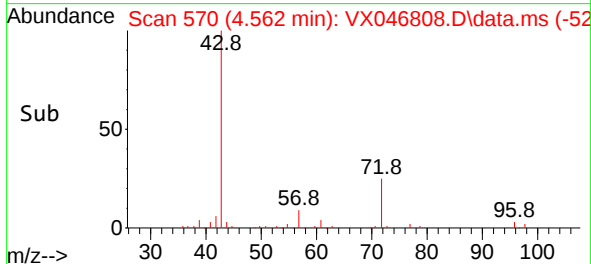
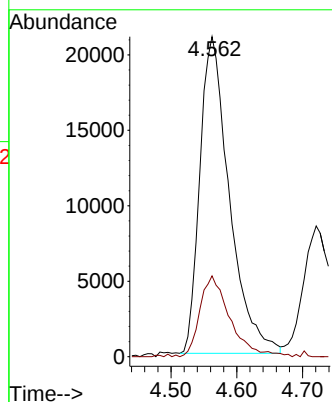
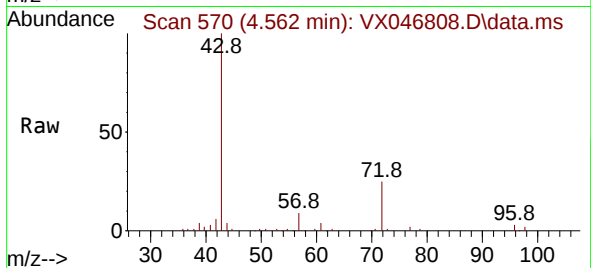




#25
2-Butanone
Concen: 76.773 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

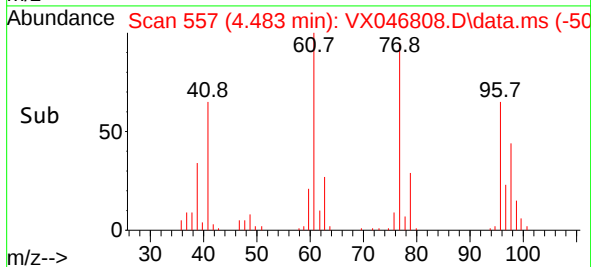
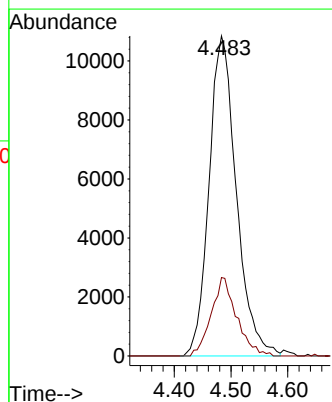
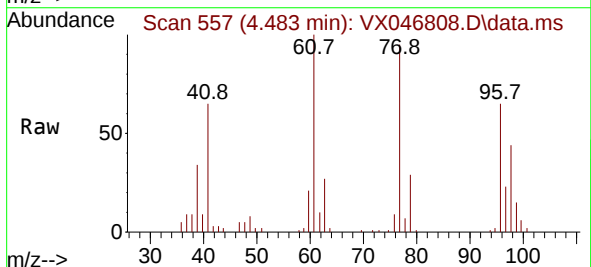
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

Tgt Ion: 43 Resp: 65584
Ion Ratio Lower Upper
43 100
72 25.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 17.379 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 77 Resp: 36252
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.459 ug/l

RT: 4.501 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

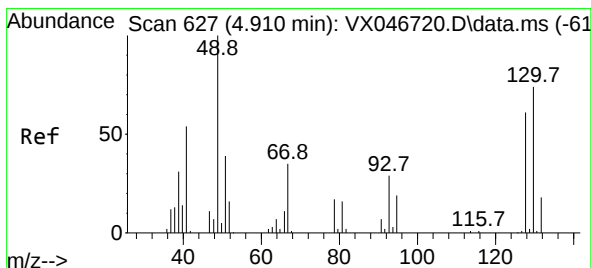
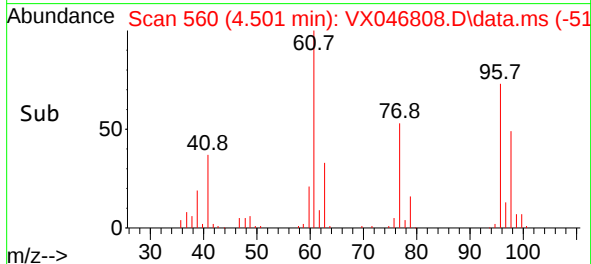
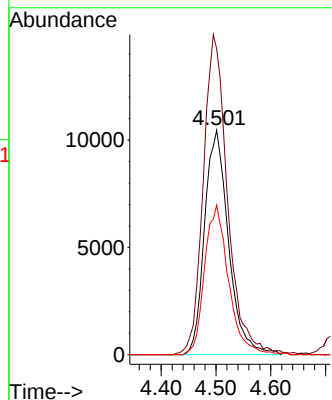
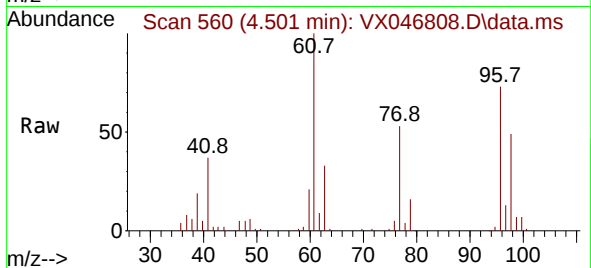
Tgt Ion: 96 Resp: 31745

Ion Ratio Lower Upper

96 100

61 145.1 0.0 291.0

98 66.5 0.0 126.8



#28

Bromochloromethane

Concen: 19.490 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

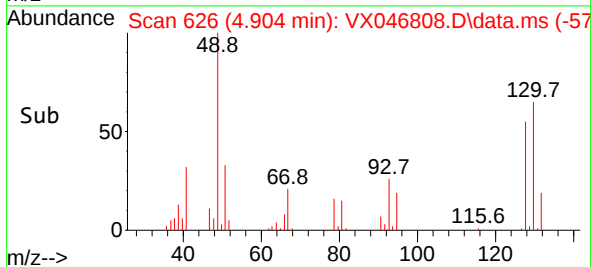
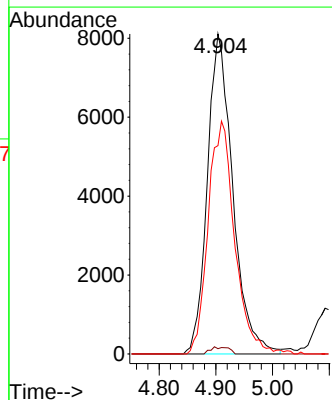
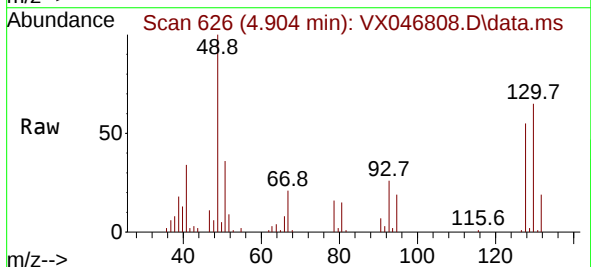
Tgt Ion: 49 Resp: 25271

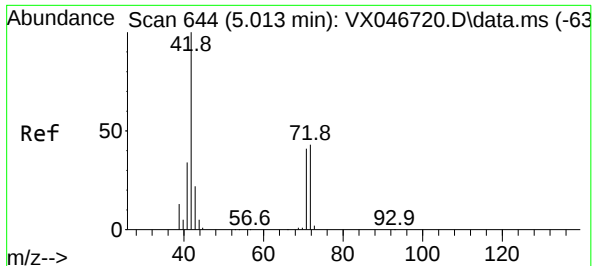
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 75.8 61.4 92.0





#29

Tetrahydrofuran

Concen: 78.466 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

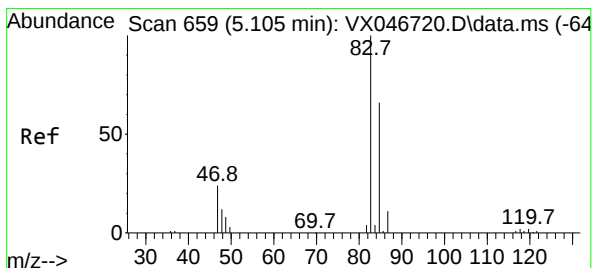
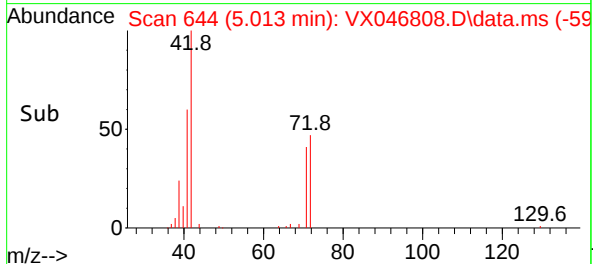
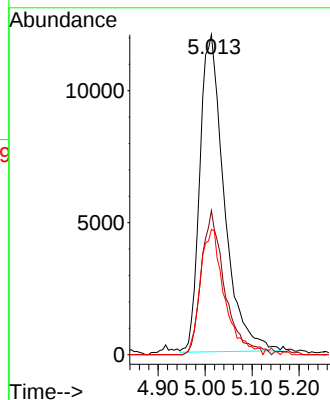
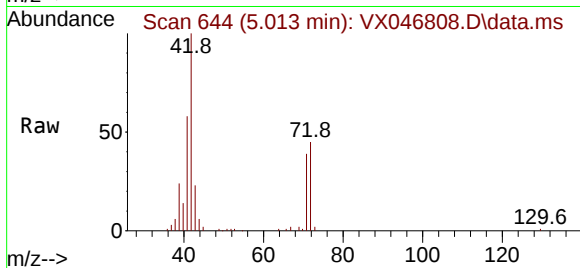
Tgt Ion: 42 Resp: 43296

Ion Ratio Lower Upper

42 100

72 43.6 34.9 52.3

71 39.3 32.2 48.2



#30

Chloroform

Concen: 18.320 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046808.D

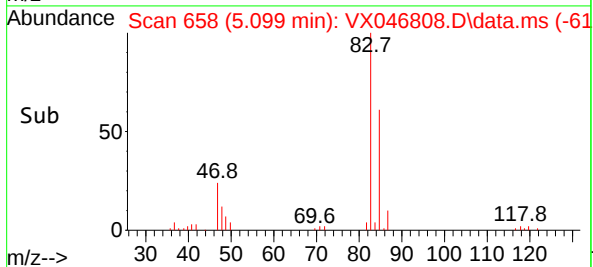
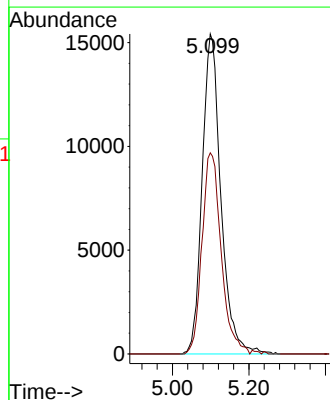
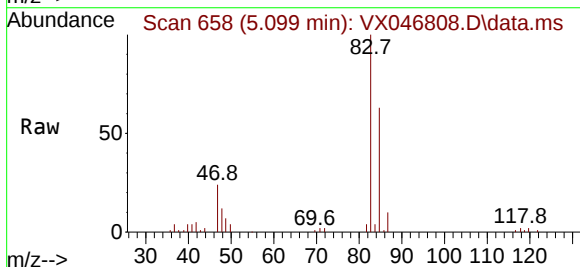
Acq: 23 Jun 2025 10:40

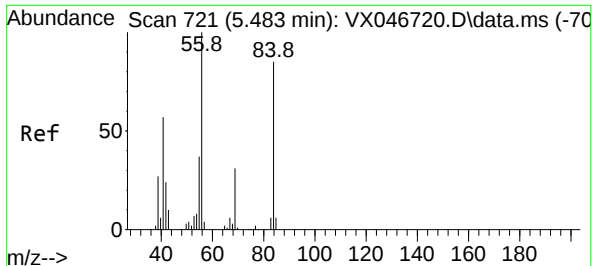
Tgt Ion: 83 Resp: 52399

Ion Ratio Lower Upper

83 100

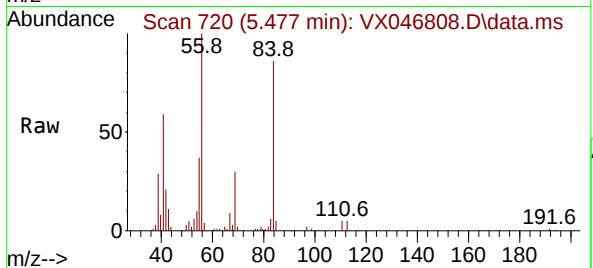
85 62.9 53.7 80.5





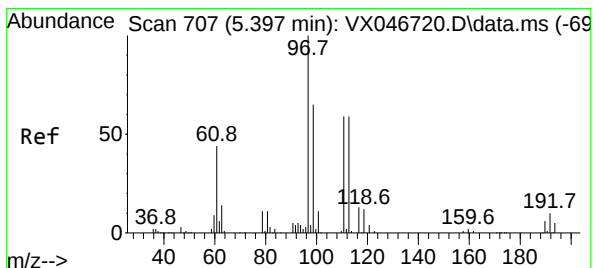
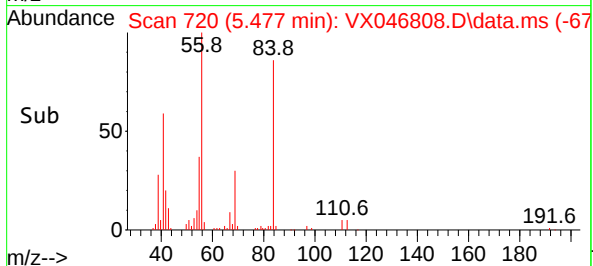
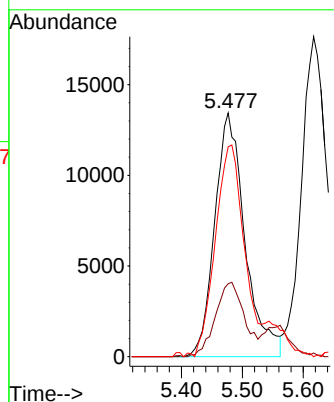
#31
Cyclohexane
Concen: 17.076 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01



Tgt Ion: 56 Resp: 46314

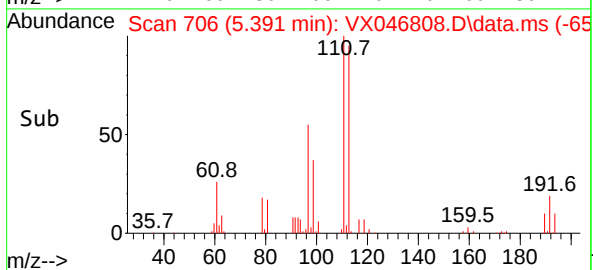
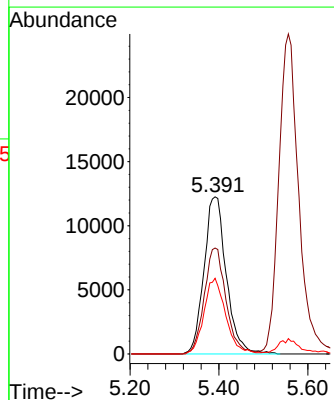
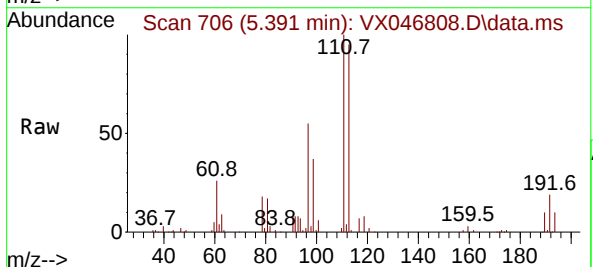
Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.8	37.2
84	84.4	68.2	102.2

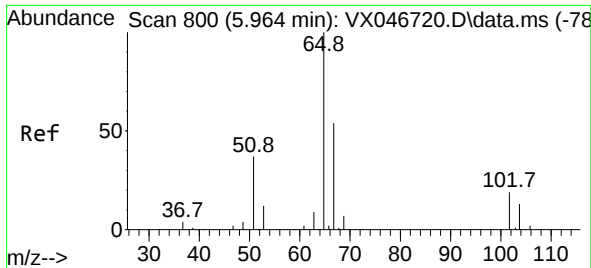


#32
1,1,1-Trichloroethane
Concen: 17.060 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 97 Resp: 42793

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	46.9	36.4	54.6

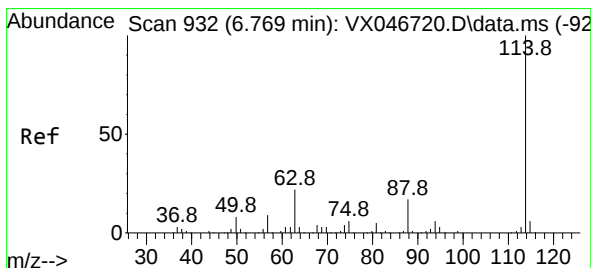
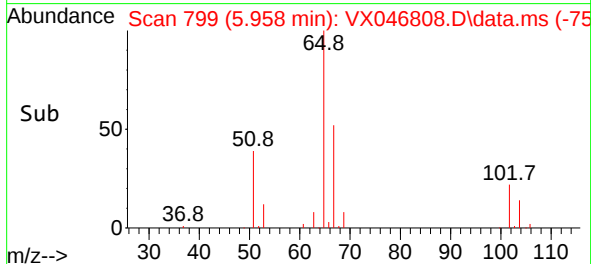
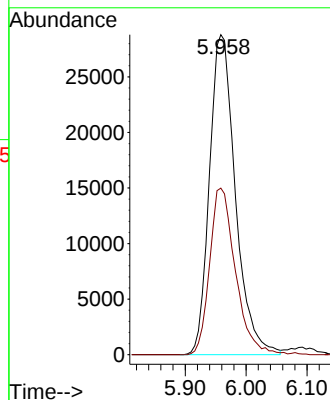
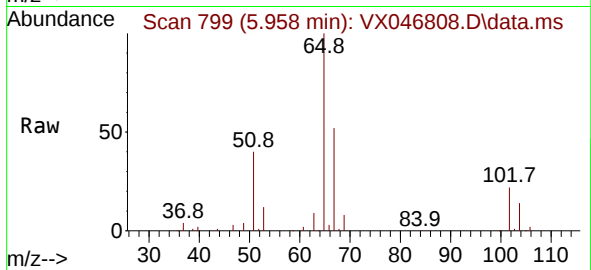




#33
 1,2-Dichloroethane-d4
 Concen: 47.081 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

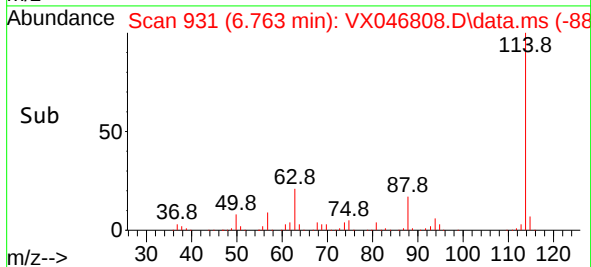
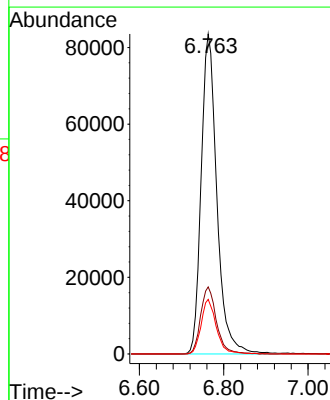
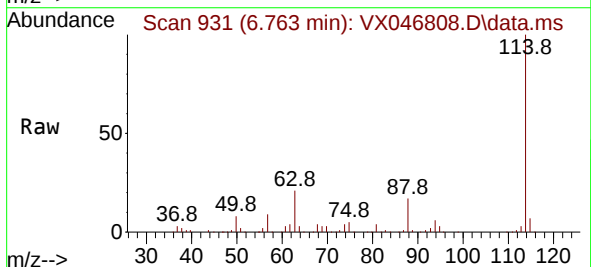
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBS01

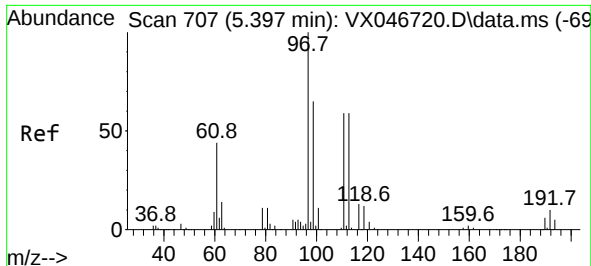
Tgt Ion: 65 Resp: 85277
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

Tgt Ion: 114 Resp: 216677
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 17.0 0.0 33.2

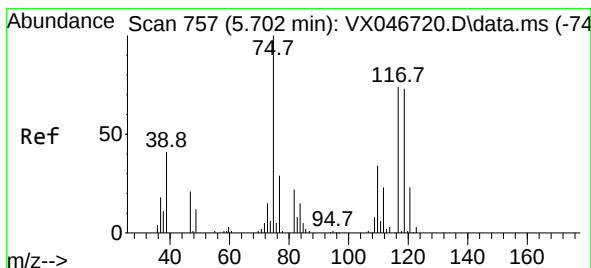
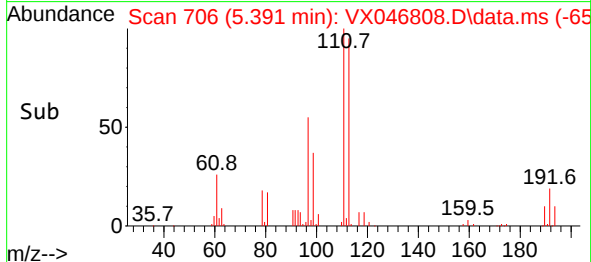
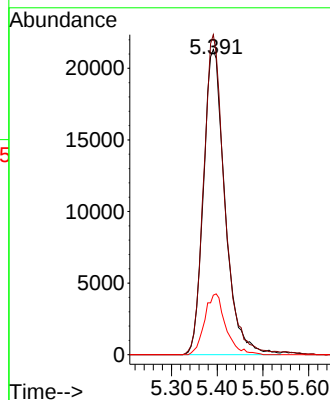
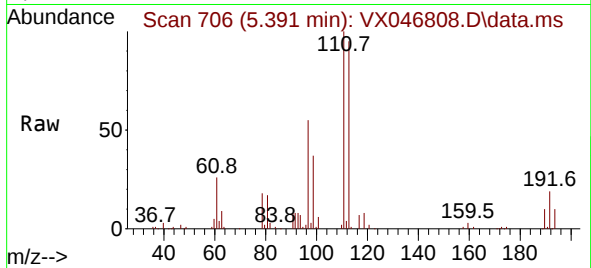




#35
Dibromofluoromethane
Concen: 48.590 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

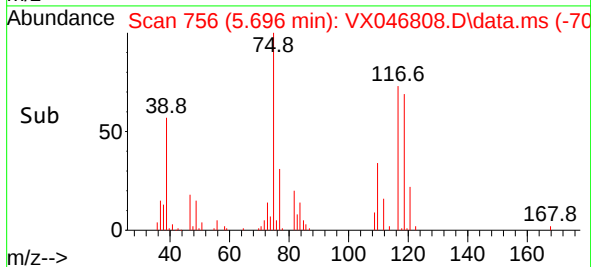
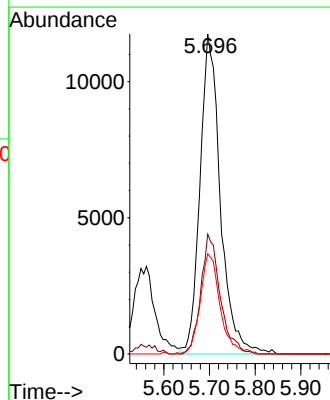
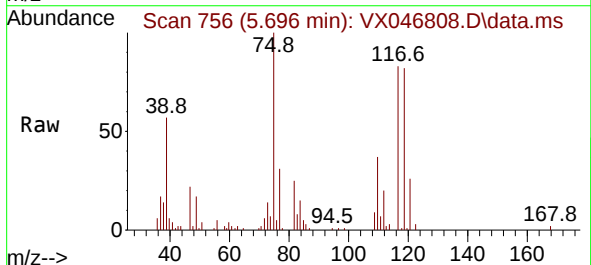
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

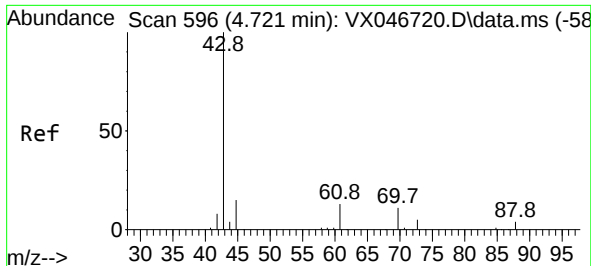
Tgt Ion:113 Resp: 69659
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 19.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 17.579 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 75 Resp: 36379
Ion Ratio Lower Upper
75 100
110 35.6 17.2 51.5
77 30.6 24.2 36.4





#37

Ethyl Acetate

Concen: 16.443 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBS01

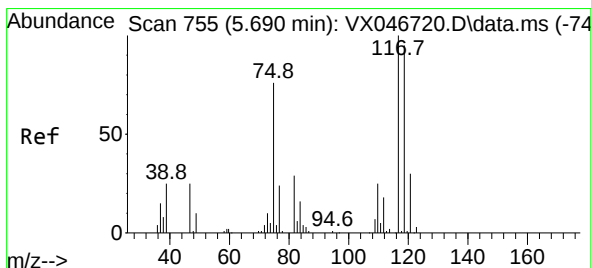
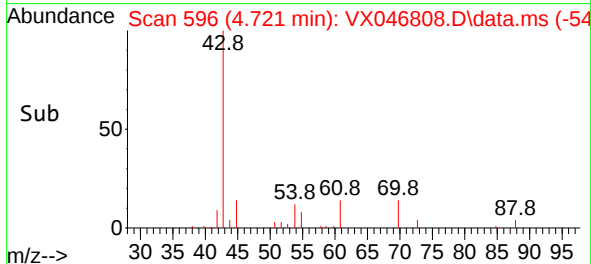
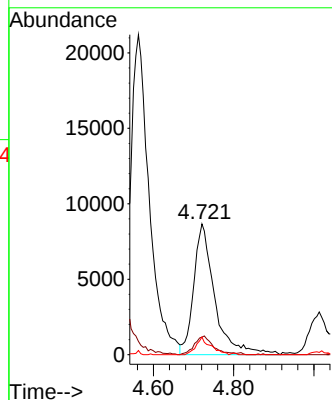
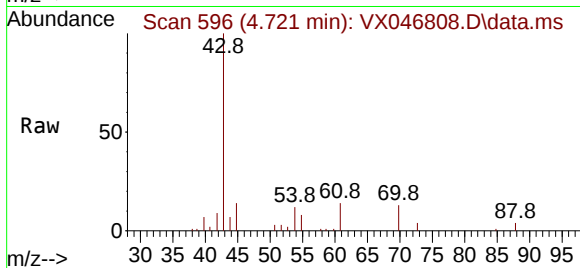
Tgt Ion: 43 Resp: 31410

Ion Ratio Lower Upper

43 100

61 12.9 9.7 14.5

70 9.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 17.267 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

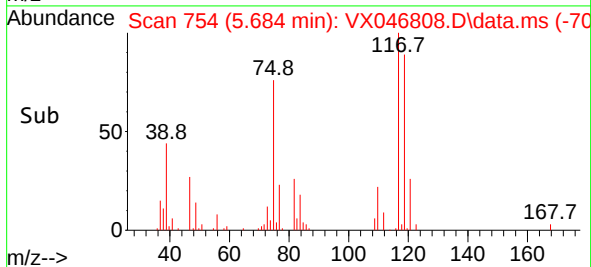
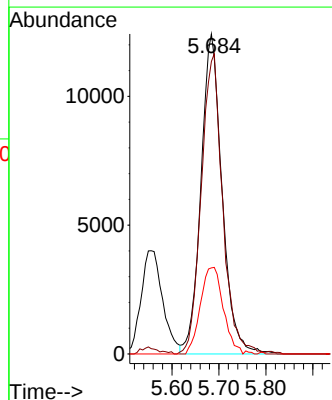
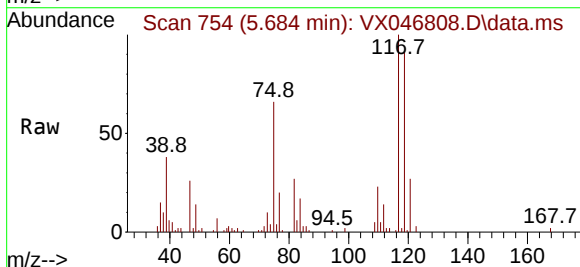
Tgt Ion: 117 Resp: 38779

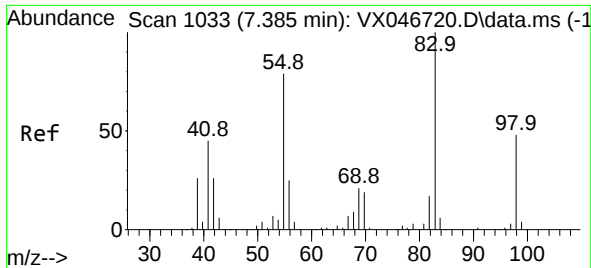
Ion Ratio Lower Upper

117 100

119 91.0 75.2 112.8

121 26.9 24.1 36.1

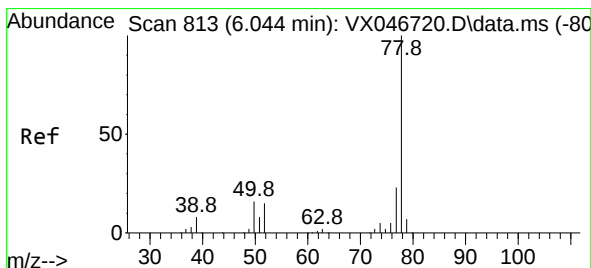
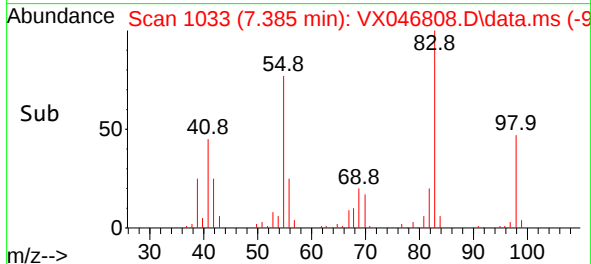
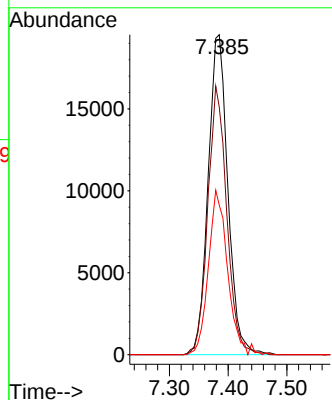
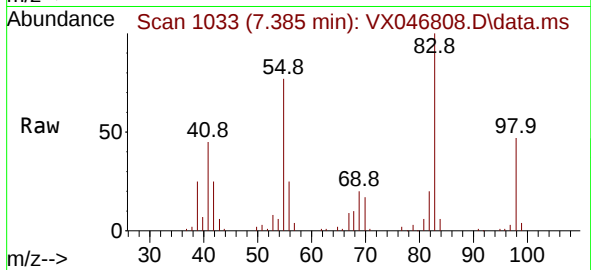




#39
Methylcyclohexane
Concen: 16.724 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

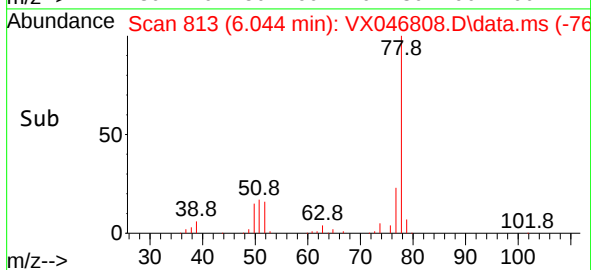
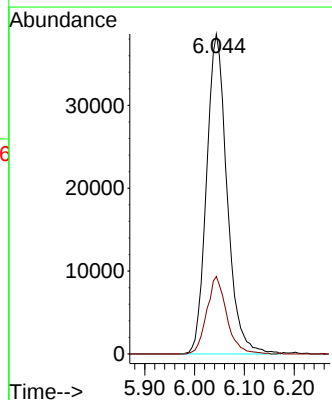
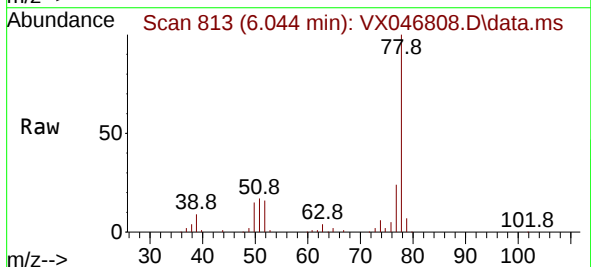
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

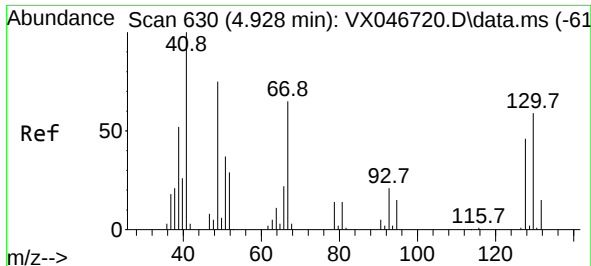
Tgt Ion: 83 Resp: 45543
Ion Ratio Lower Upper
83 100
55 77.4 63.0 94.4
98 46.7 38.8 58.2



#40
Benzene
Concen: 18.010 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 78 Resp: 110302
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



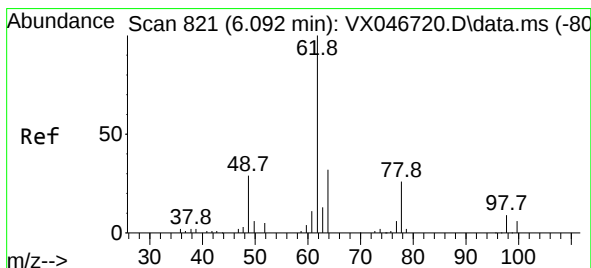
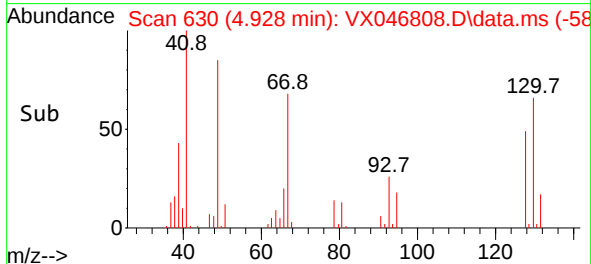
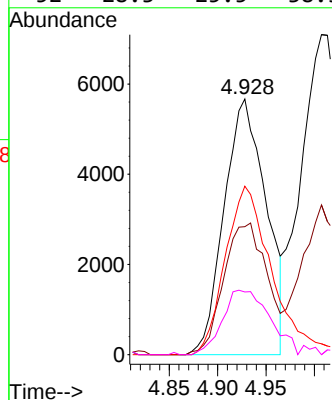
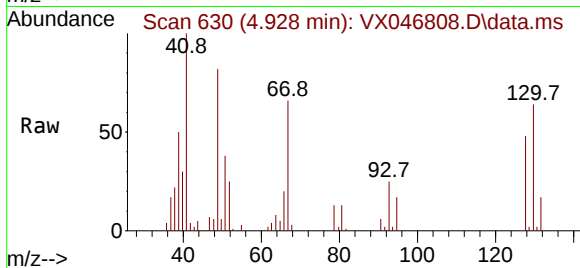


#41
Methacrylonitrile
Concen: 16.818 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

Tgt Ion: 41 Resp: 17127

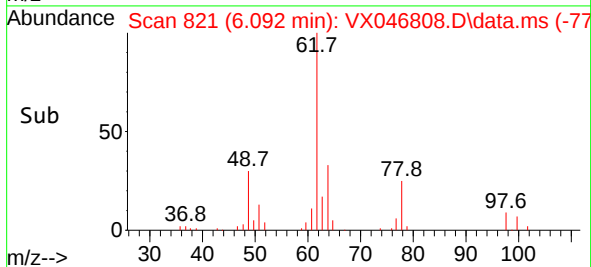
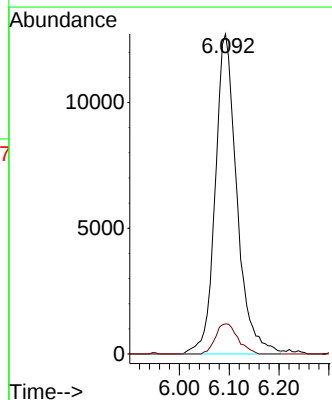
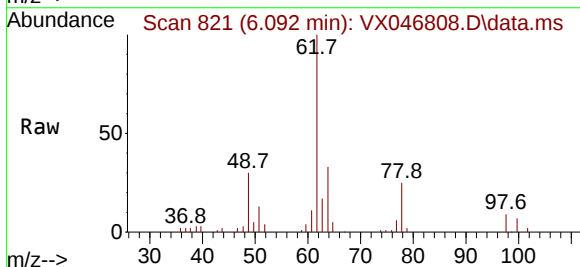
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.9	68.9
67	73.1	61.2	91.8
52	28.3	25.5	38.3

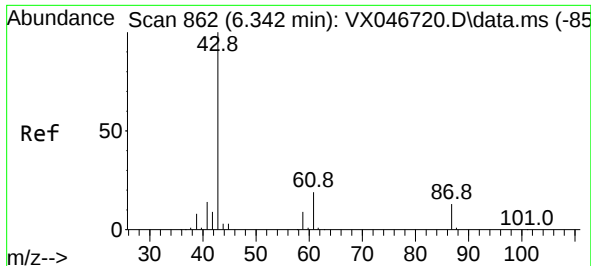


#42
1,2-Dichloroethane
Concen: 17.816 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 62 Resp: 38344

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 16.409 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

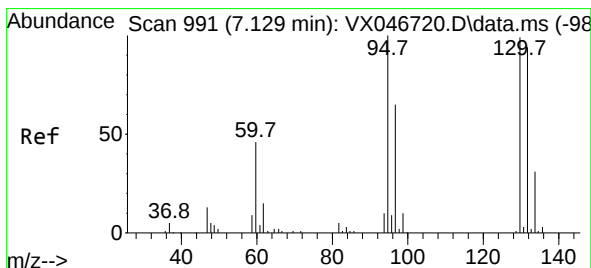
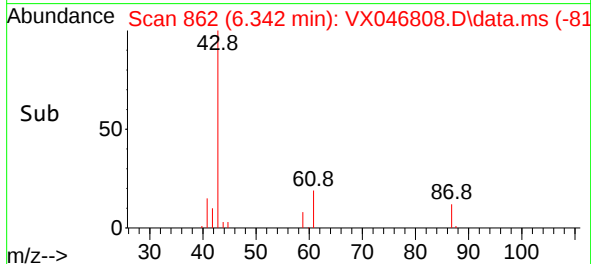
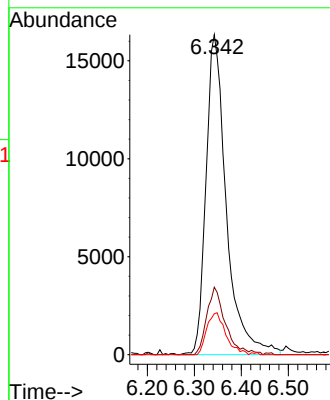
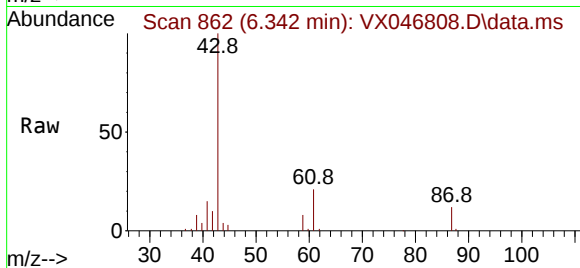
Tgt Ion: 43 Resp: 49048

Ion Ratio Lower Upper

43 100

61 19.3 15.3 22.9

87 12.2 10.0 15.0



#44

Trichloroethene

Concen: 17.473 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX046808.D

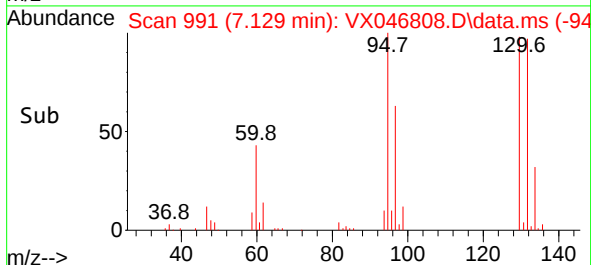
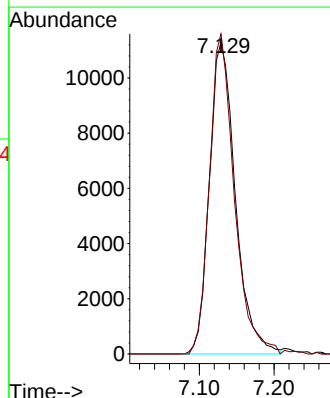
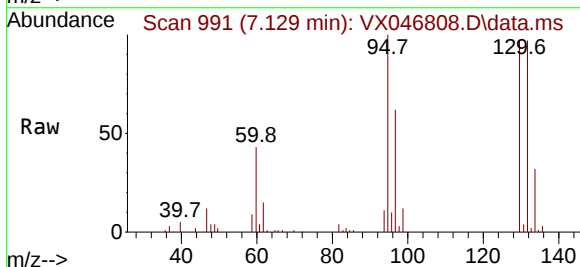
Acq: 23 Jun 2025 10:40

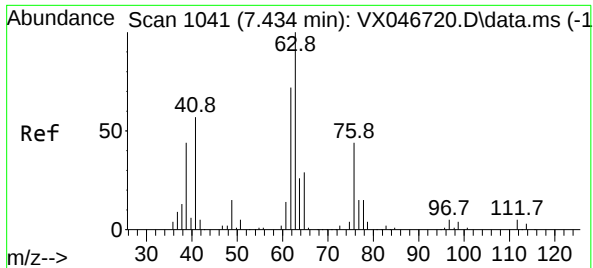
Tgt Ion:130 Resp: 27273

Ion Ratio Lower Upper

130 100

95 102.7 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.150 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

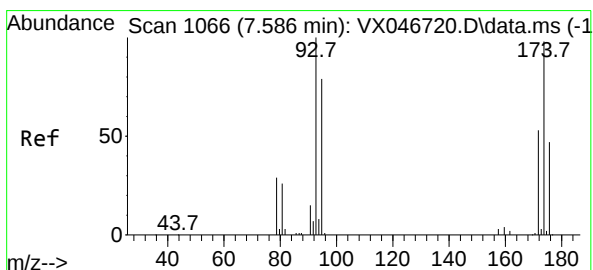
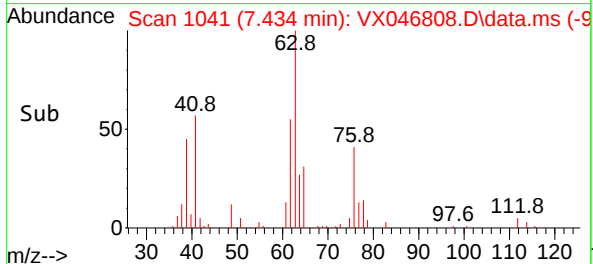
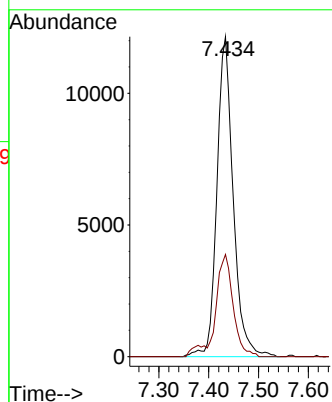
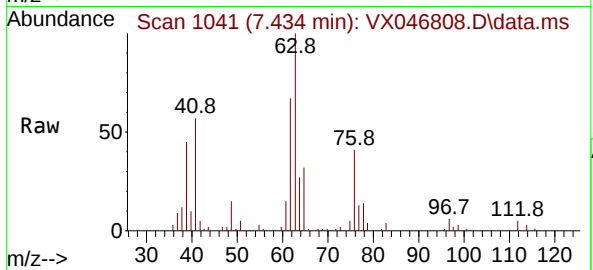
VX0623MBSD01

Tgt Ion: 63 Resp: 27549

Ion Ratio Lower Upper

63 100

65 31.9 22.9 34.3



#46

Dibromomethane

Concen: 18.007 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

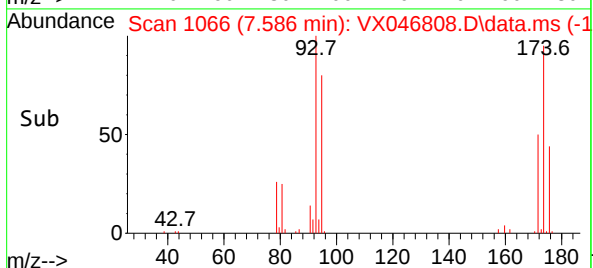
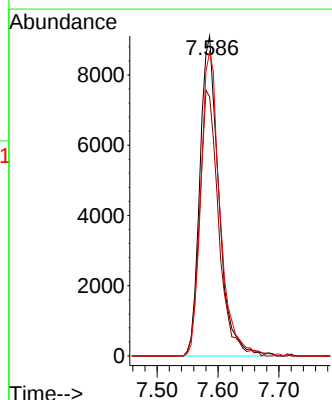
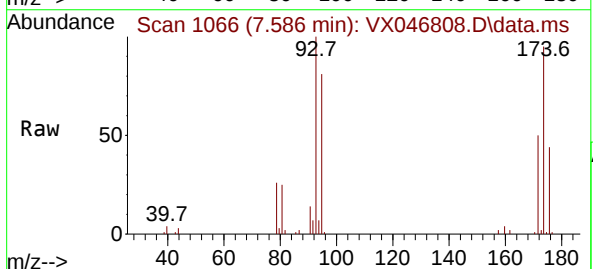
Tgt Ion: 93 Resp: 19643

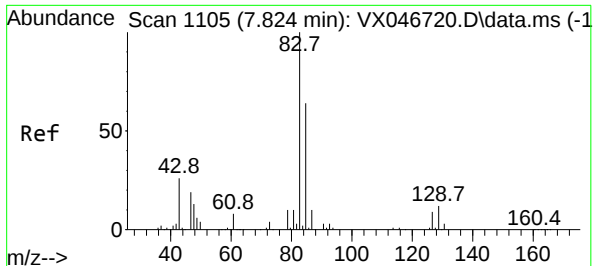
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 95.7 77.0 115.6

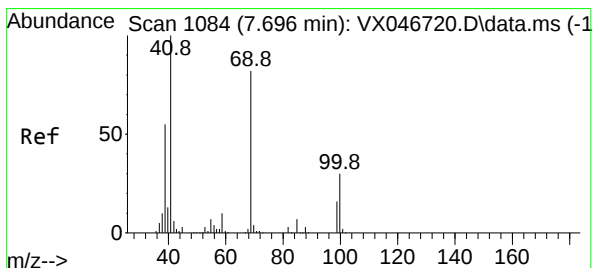
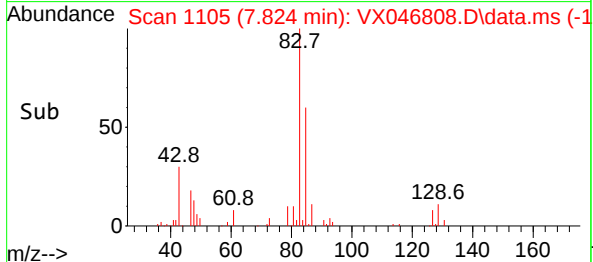
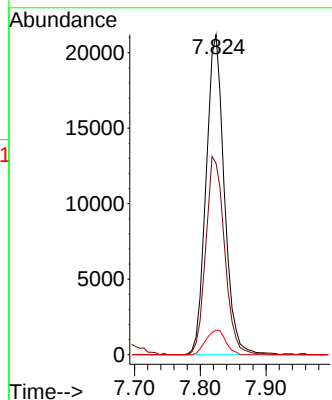
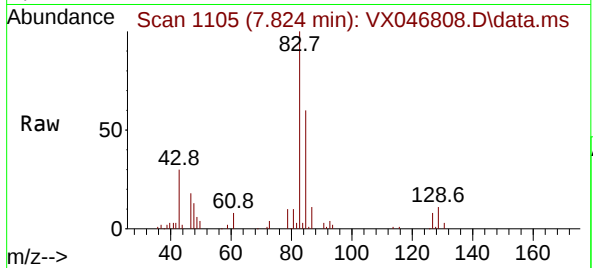




#47
Bromodichloromethane
Concen: 18.341 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

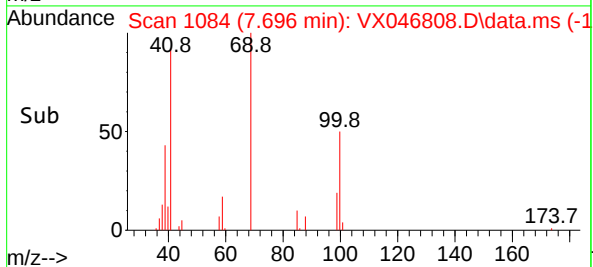
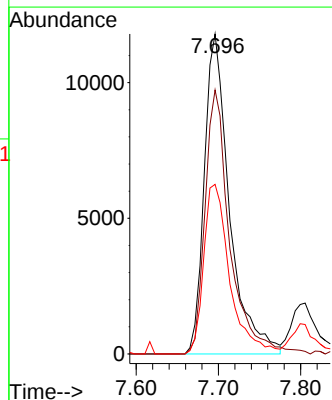
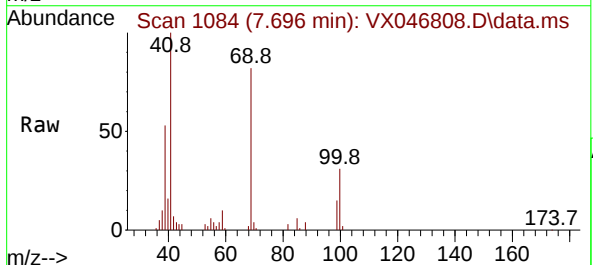
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

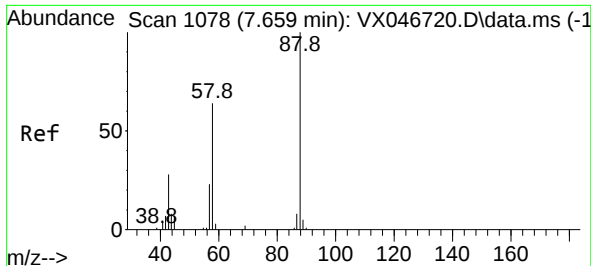
Tgt Ion: 83 Resp: 40829
Ion Ratio Lower Upper
83 100
85 59.8 51.4 77.2
127 7.7 6.9 10.3



#48
Methyl methacrylate
Concen: 16.763 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 41 Resp: 25130
Ion Ratio Lower Upper
41 100
69 81.2 63.4 95.2
39 54.8 45.4 68.0

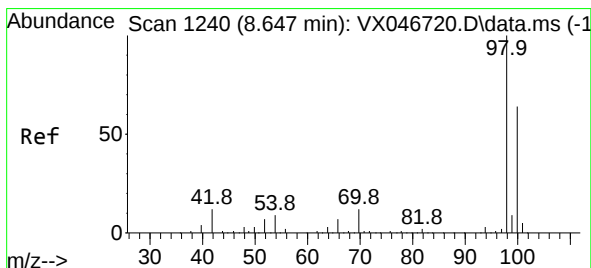
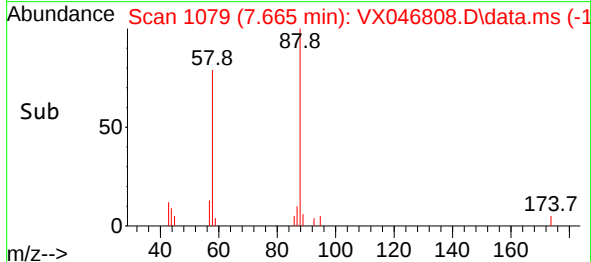
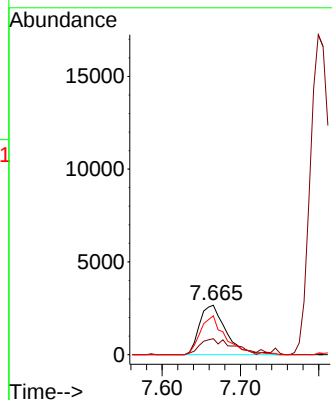
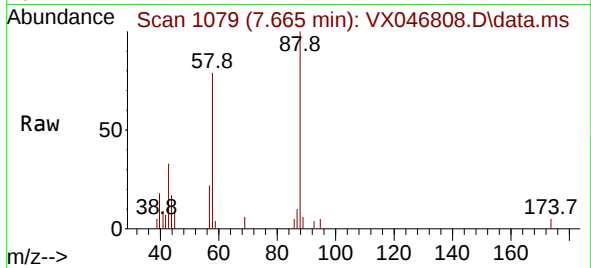




#49
1,4-Dioxane
Concen: 305.593 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

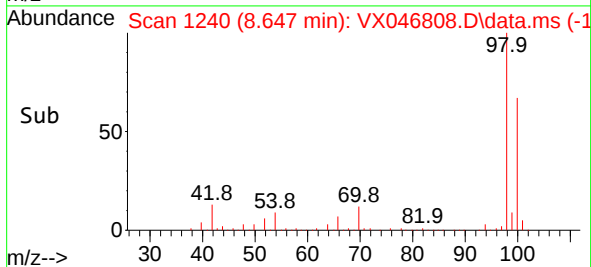
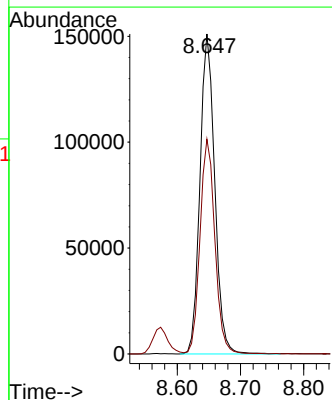
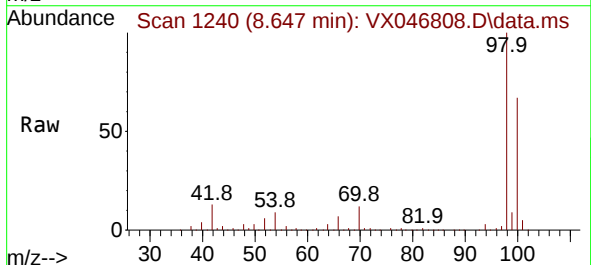
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

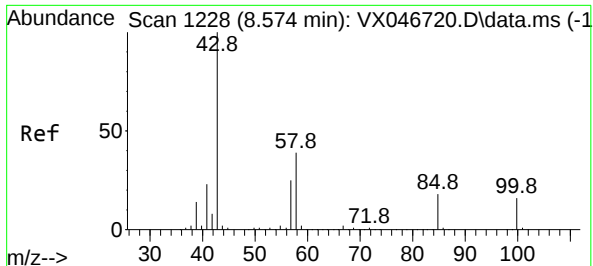
Tgt Ion: 88 Resp: 6225
Ion Ratio Lower Upper
88 100
43 40.8 31.2 46.8
58 72.9 54.7 82.1



#50
Toluene-d8
Concen: 47.675 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 98 Resp: 245554
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4

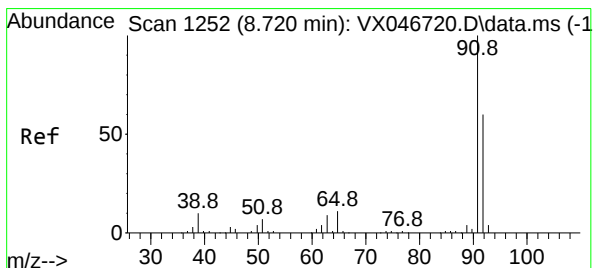
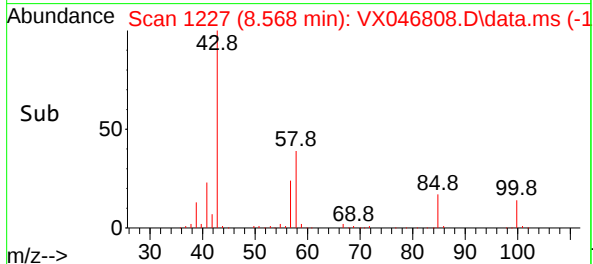
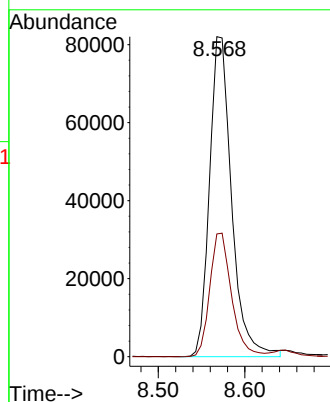
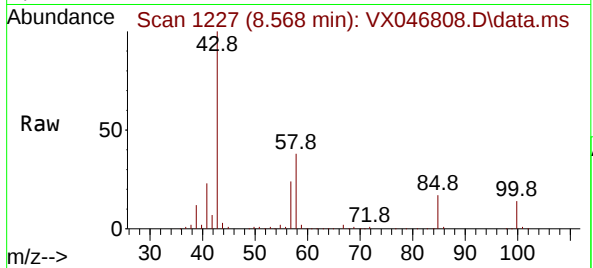




#51
4-Methyl-2-Pentanone
Concen: 81.598 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

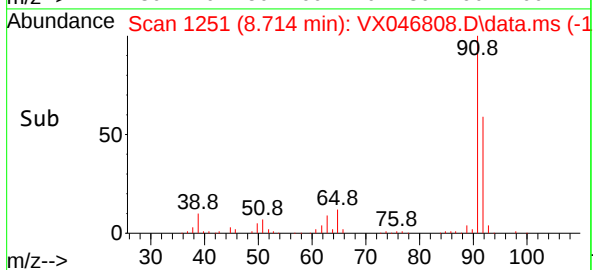
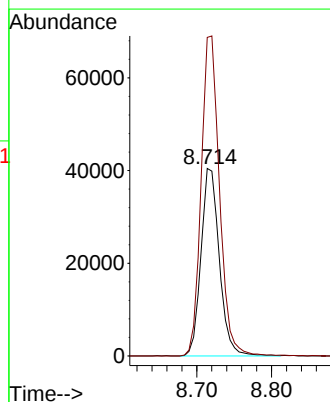
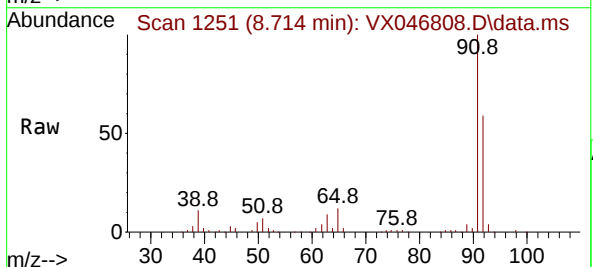
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

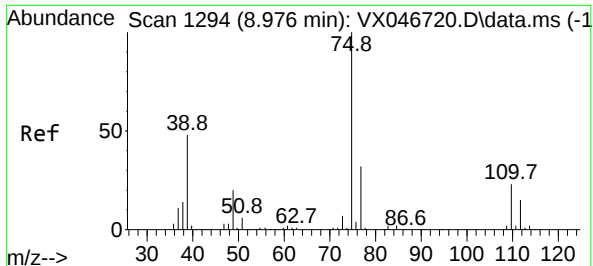
Tgt Ion: 43 Resp: 145472
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2



#52
Toluene
Concen: 18.160 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 92 Resp: 68952
Ion Ratio Lower Upper
92 100
91 170.6 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 17.696 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

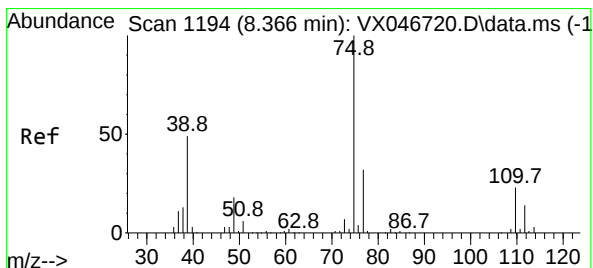
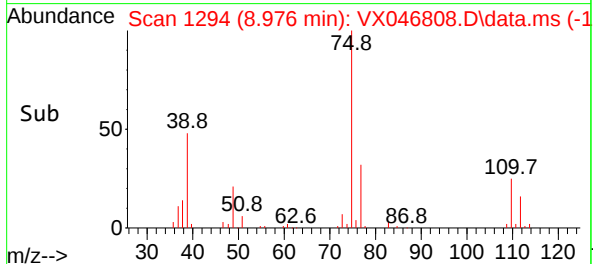
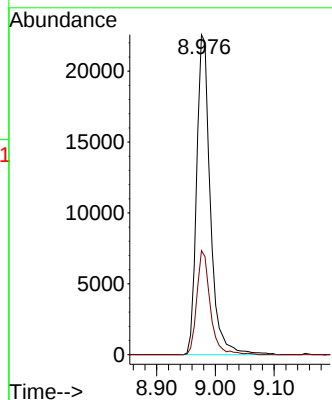
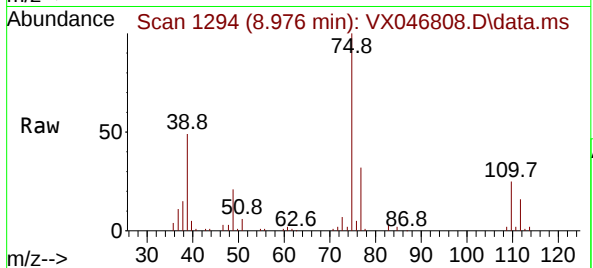
VX0623MBSD01

Tgt Ion: 75 Resp: 36550

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 17.677 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

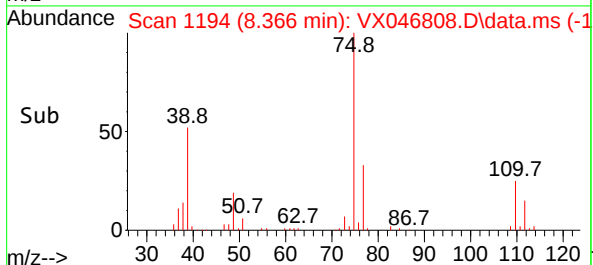
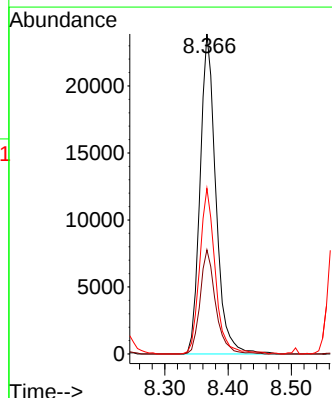
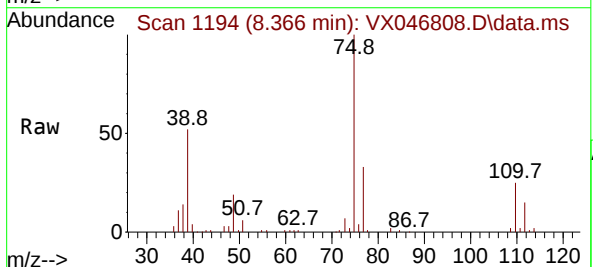
Tgt Ion: 75 Resp: 41448

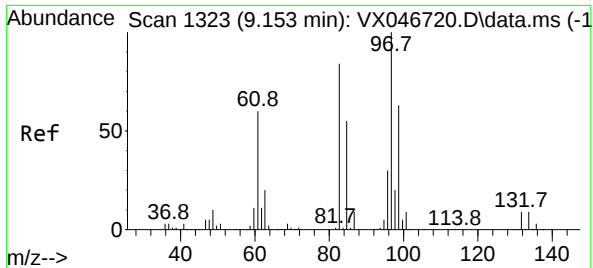
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

39 51.8 39.2 58.8

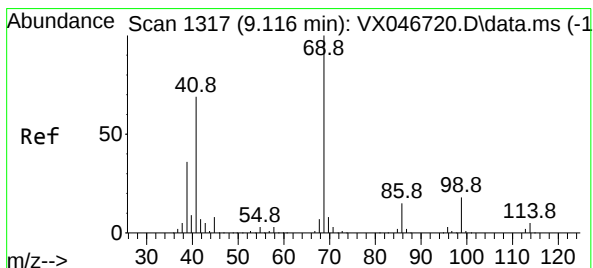
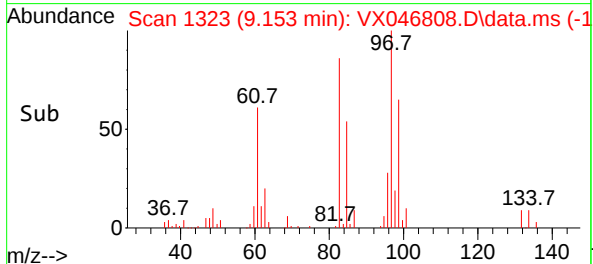
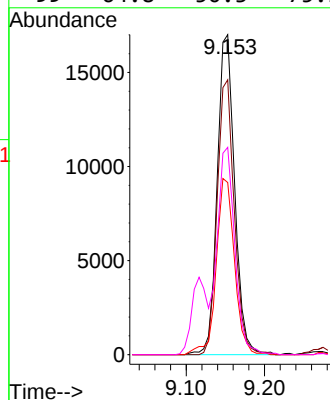
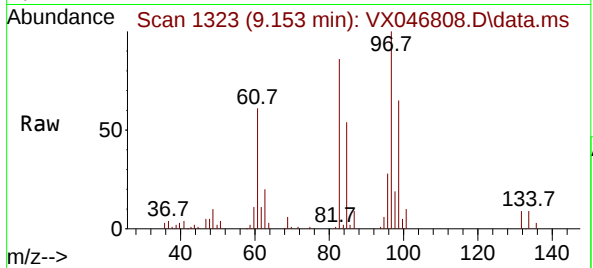




#55
 1,1,2-Trichloroethane
 Concen: 18.638 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

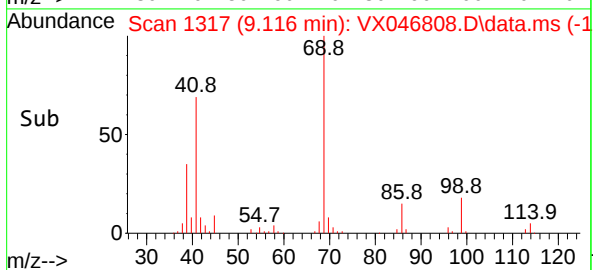
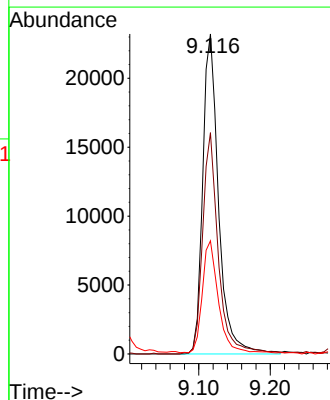
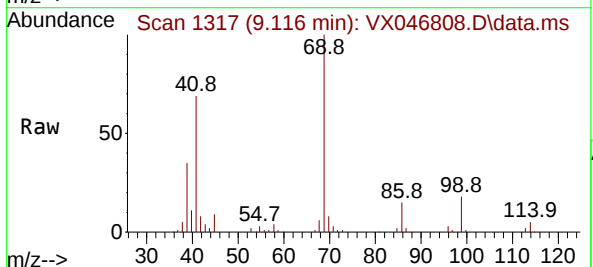
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBSD01

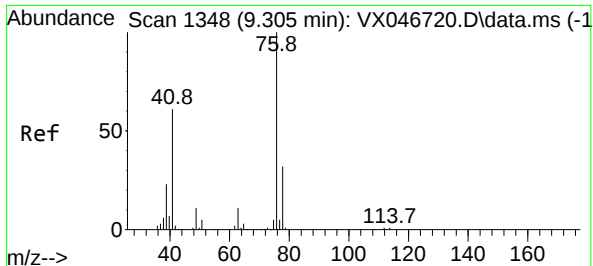
Tgt Ion: 97	Resp: 26371
Ion Ratio	Lower Upper
97 100	
83 85.9	67.2 100.8
85 55.5	44.1 66.1
99 64.8	50.3 75.5



#56
 Ethyl methacrylate
 Concen: 17.123 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

Tgt Ion: 69	Resp: 35765
Ion Ratio	Lower Upper
69 100	
41 68.5	55.4 83.2
39 35.7	29.7 44.5

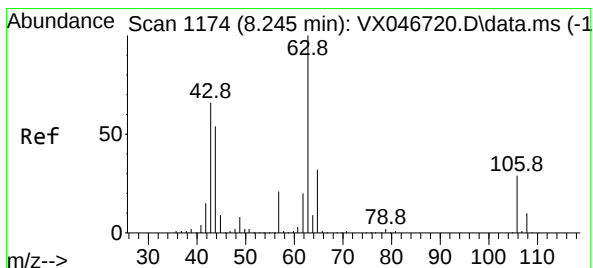
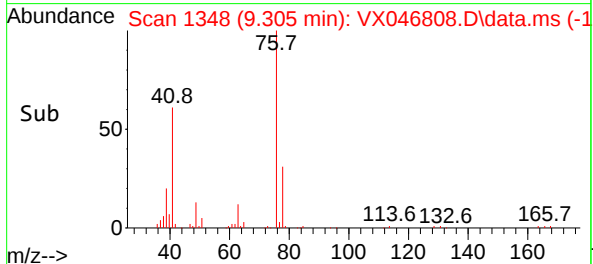
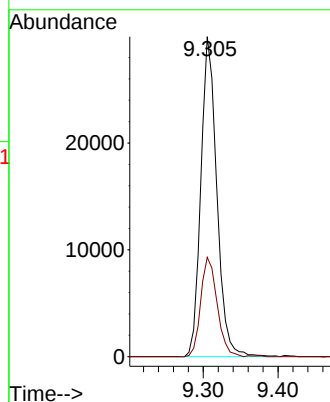
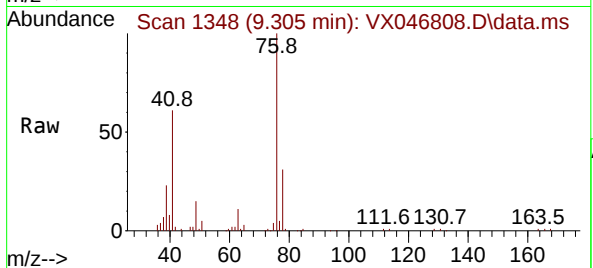




#57
1,3-Dichloropropane
Concen: 18.222 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

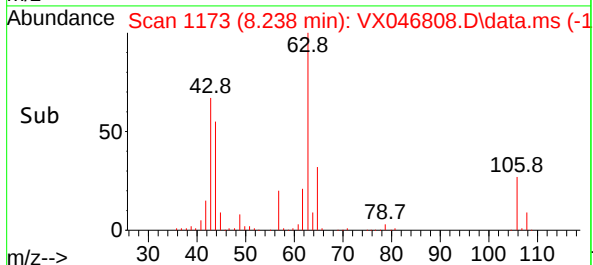
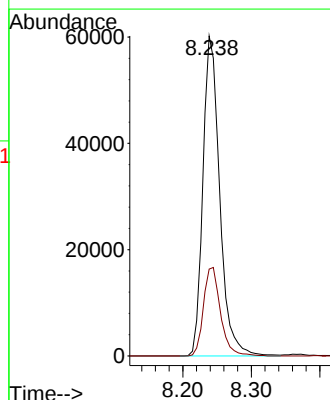
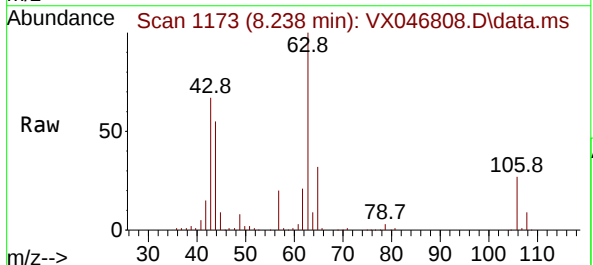
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

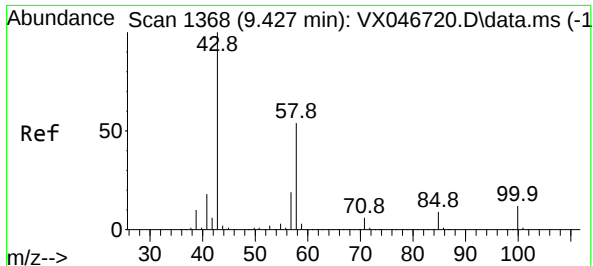
Tgt Ion: 76 Resp: 44400
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 94.931 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 63 Resp: 102999
Ion Ratio Lower Upper
63 100
106 28.0 22.6 34.0





#59

2-Hexanone

Concen: 80.573 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

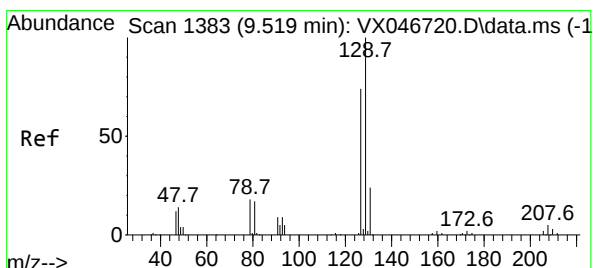
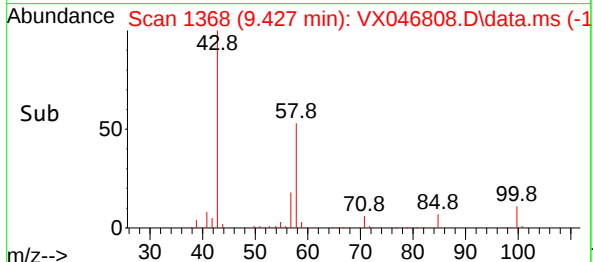
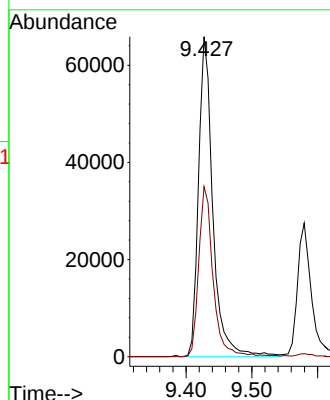
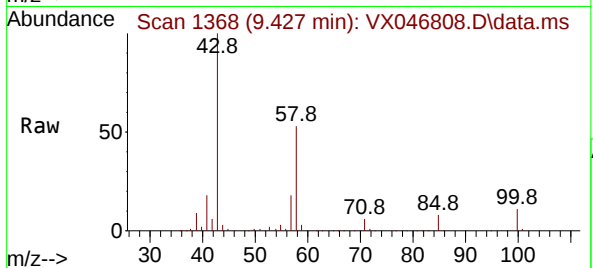
VX0623MBS01

Tgt Ion: 43 Resp: 99307

Ion Ratio Lower Upper

43 100

58 53.4 26.8 80.4



#60

Dibromochloromethane

Concen: 18.053 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046808.D

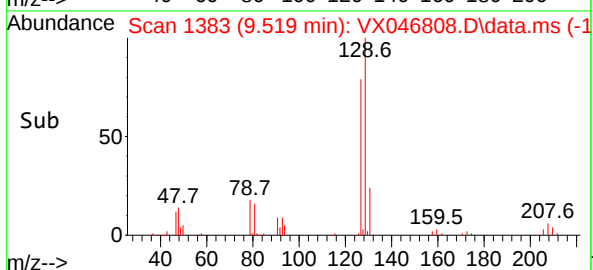
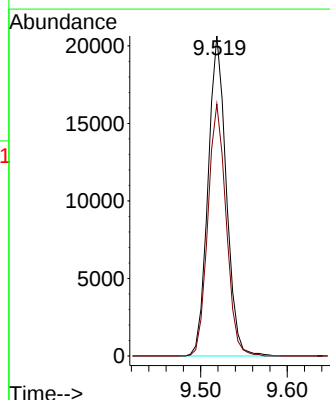
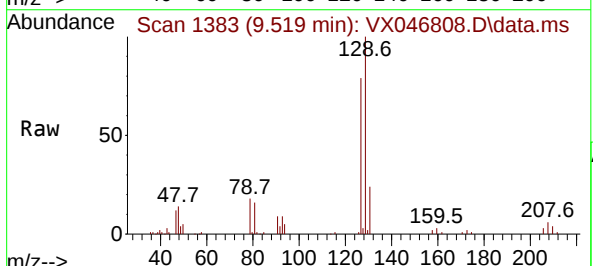
Acq: 23 Jun 2025 10:40

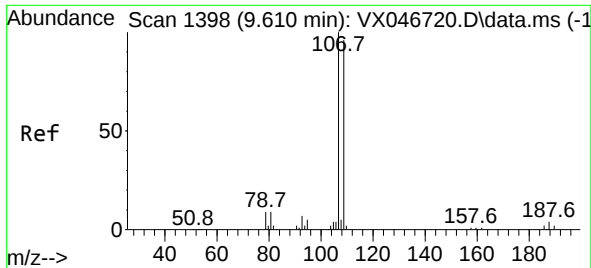
Tgt Ion: 129 Resp: 30102

Ion Ratio Lower Upper

129 100

127 78.7 38.4 115.2

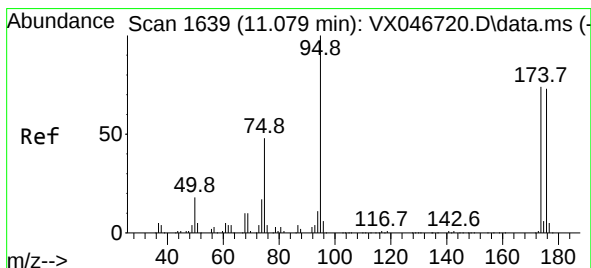
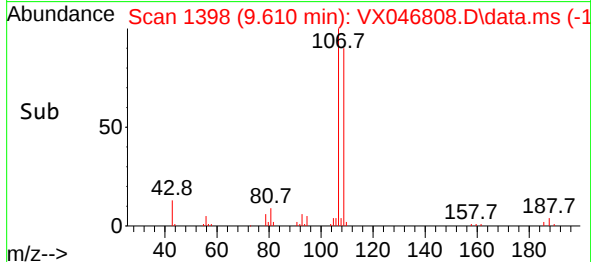
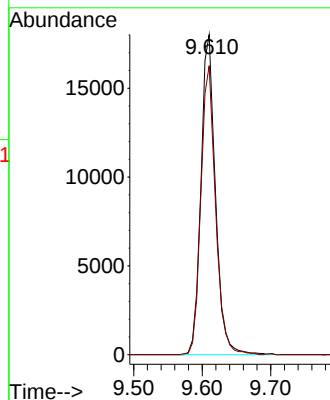
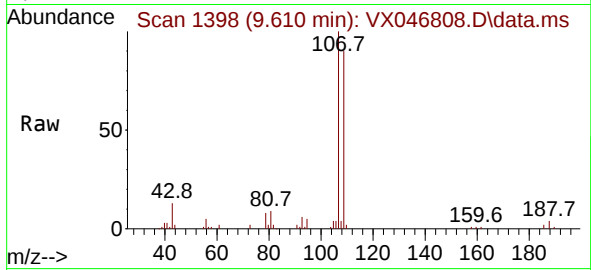




#61
1,2-Dibromoethane
Concen: 18.450 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

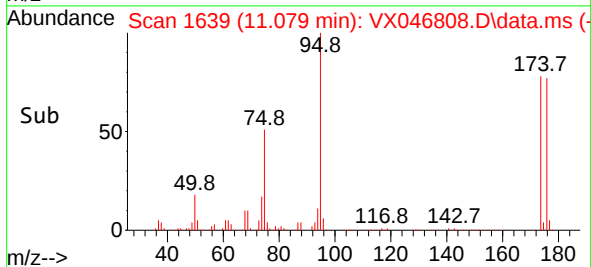
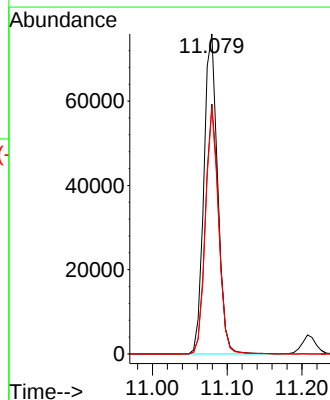
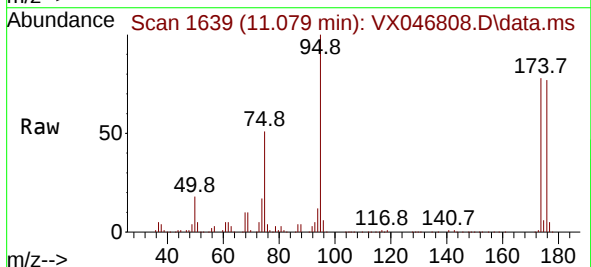
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

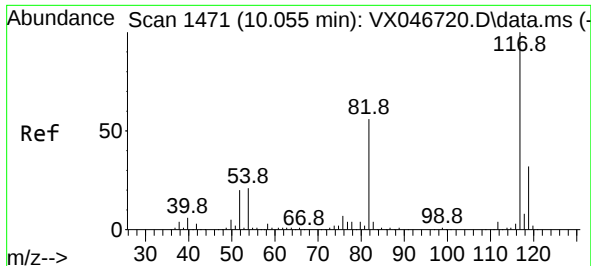
Tgt Ion:107 Resp: 26554
Ion Ratio Lower Upper
107 100
109 91.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 95 Resp: 97134
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 72.7 0.0 145.0

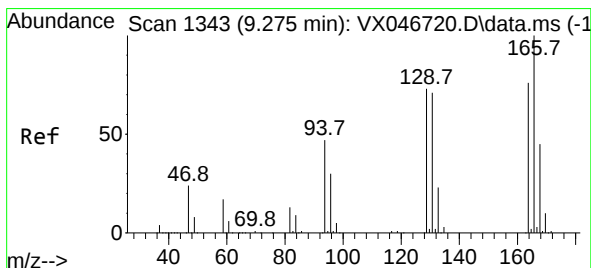
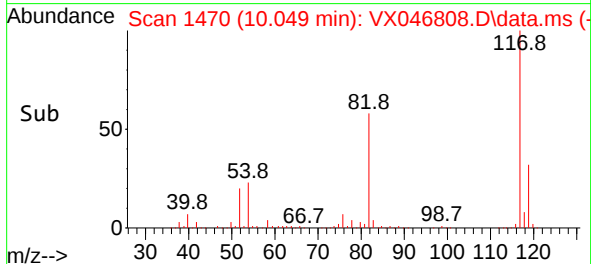
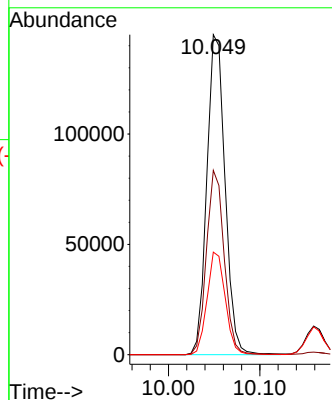
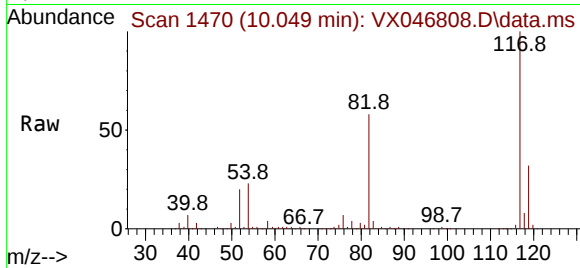




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

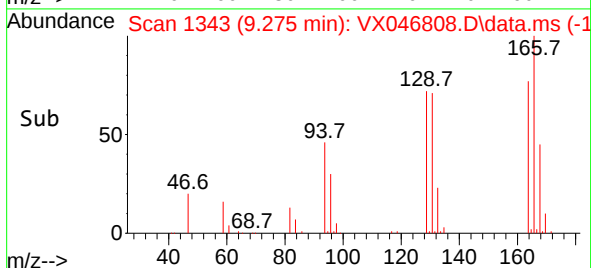
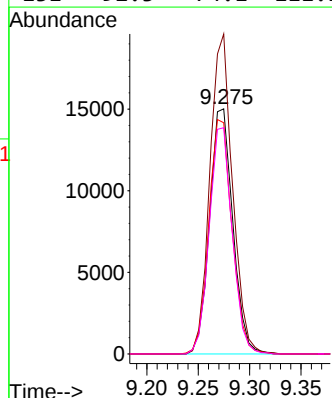
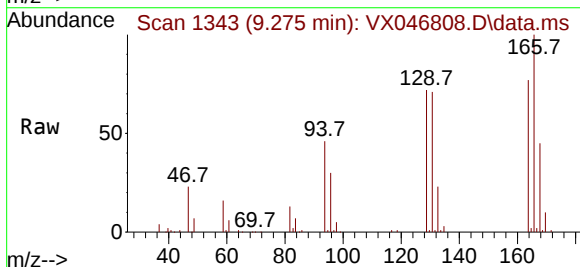
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

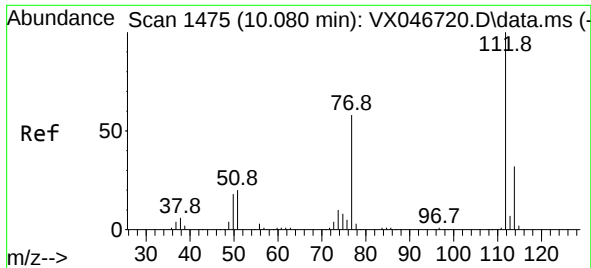
Tgt Ion:117 Resp: 201019
Ion Ratio Lower Upper
117 100
82 57.6 44.6 66.8
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 16.891 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion:164 Resp: 23524
Ion Ratio Lower Upper
164 100
166 130.6 104.6 157.0
129 94.4 76.3 114.5
131 92.3 74.1 111.1

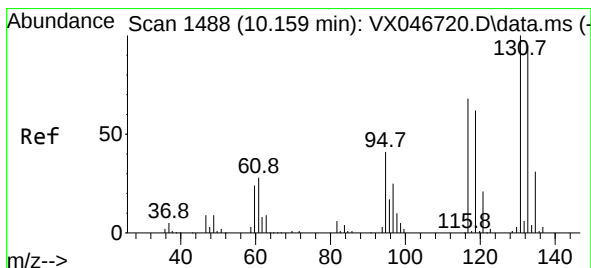
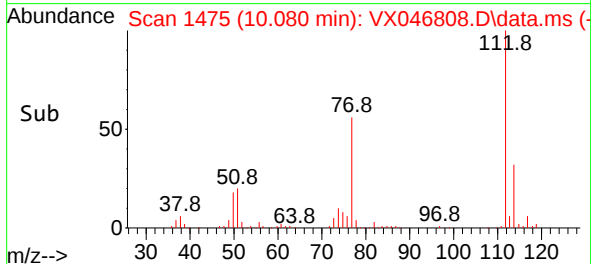
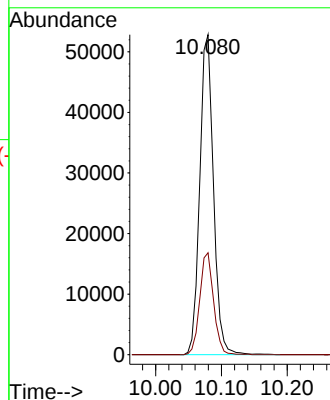
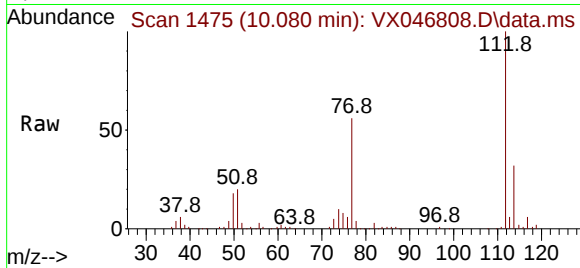




#65
Chlorobenzene
Concen: 17.262 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

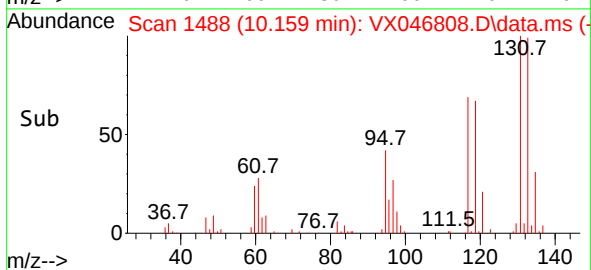
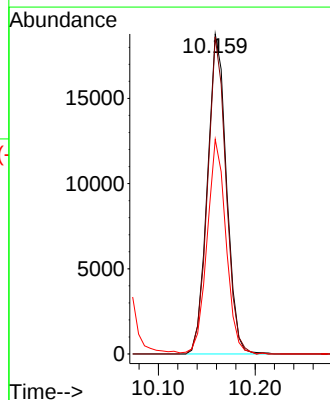
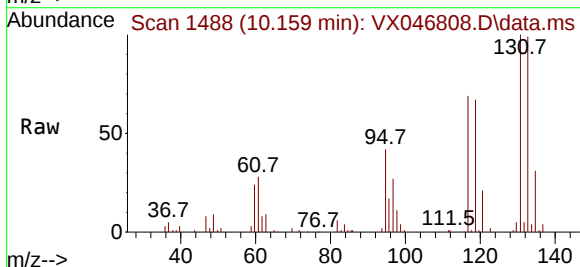
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

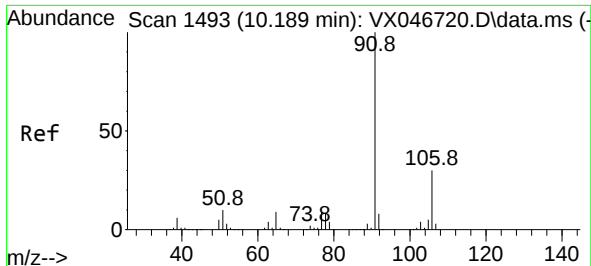
Tgt Ion:112 Resp: 76598
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.257 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion:131 Resp: 25736
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 66.4 32.1 96.3

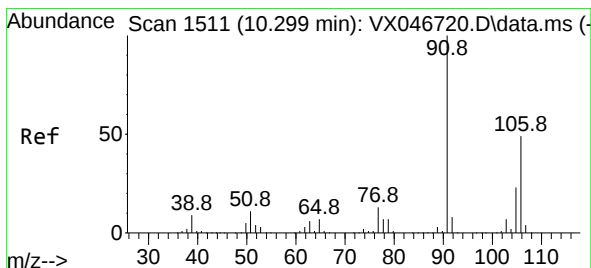
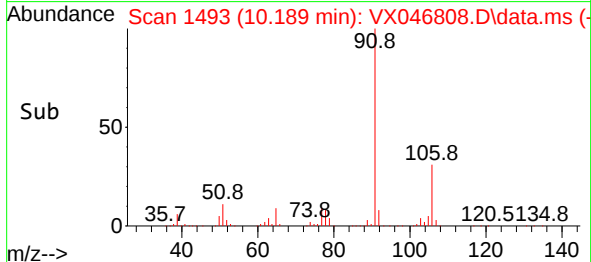
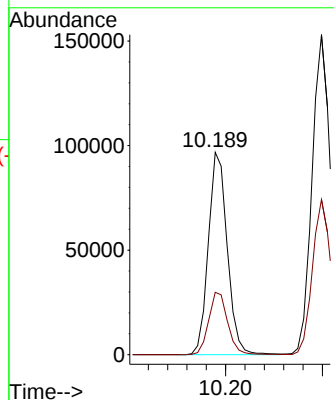
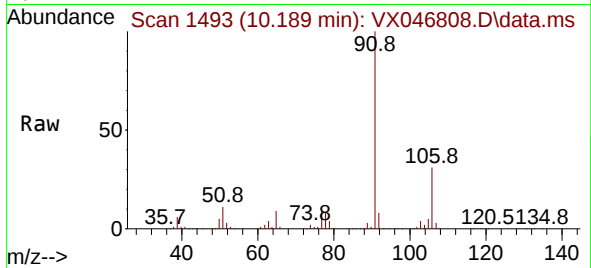




#67
Ethyl Benzene
Concen: 16.978 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

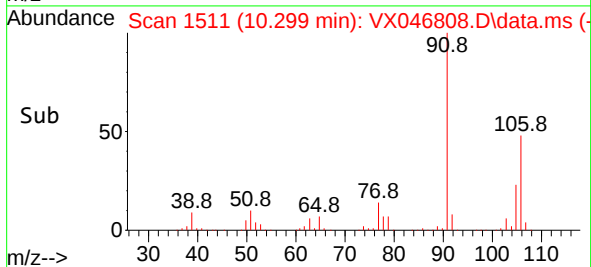
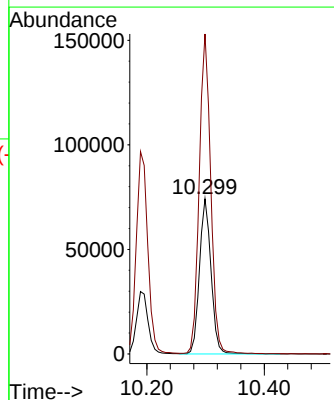
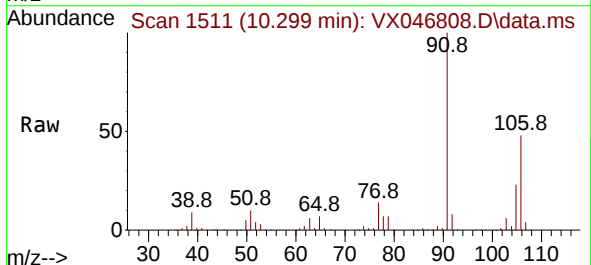
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

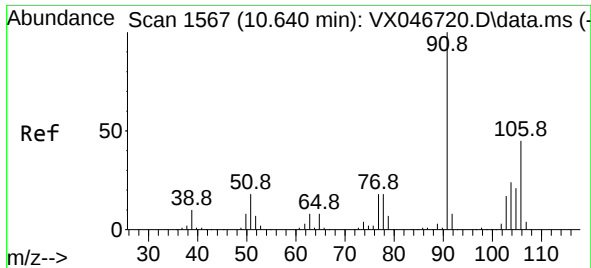
Tgt Ion: 91 Resp: 131634
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2



#68
m/p-Xylenes
Concen: 35.138 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion:106 Resp: 101513
Ion Ratio Lower Upper
106 100
91 204.8 164.8 247.2

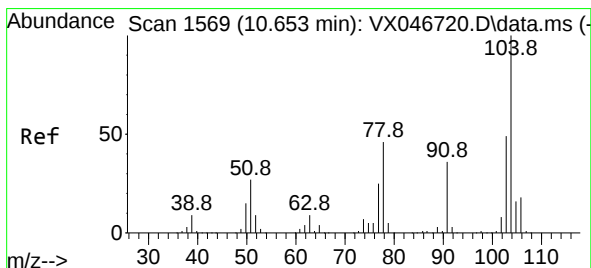
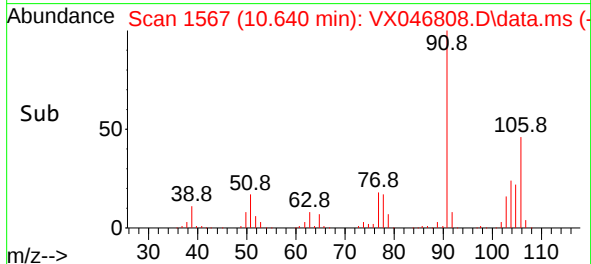
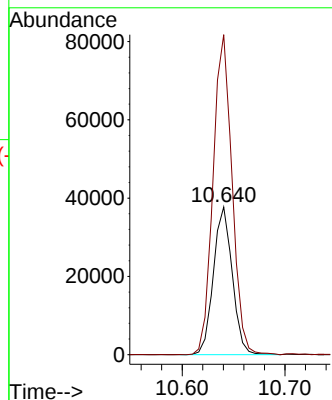
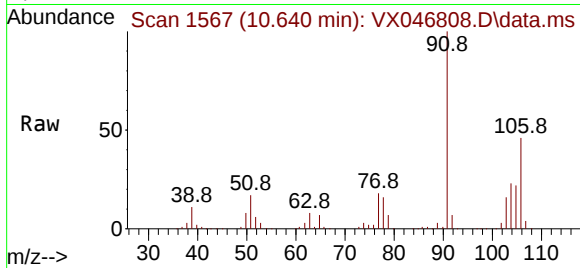




#69
o-Xylene
Concen: 17.770 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

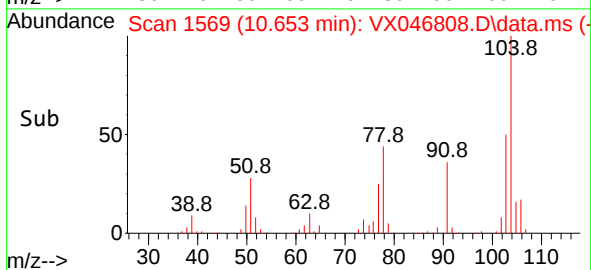
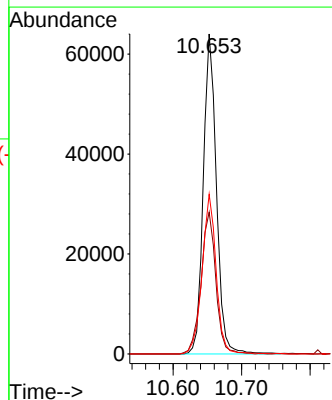
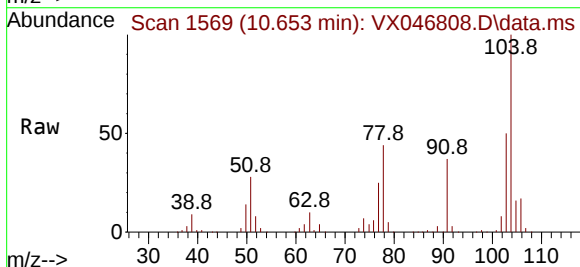
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

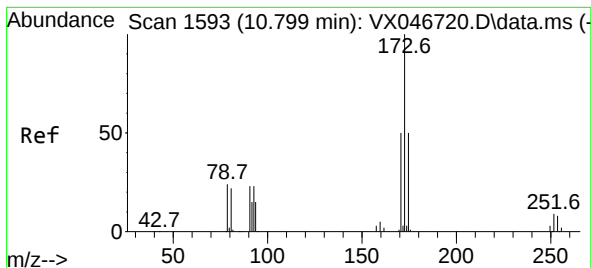
Tgt Ion:106 Resp: 48112
Ion Ratio Lower Upper
106 100
91 218.7 111.3 333.9



#70
Styrene
Concen: 18.034 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion:104 Resp: 85447
Ion Ratio Lower Upper
104 100
78 50.1 41.4 62.2
103 53.3 43.1 64.7





#71

Bromoform

Concen: 16.931 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

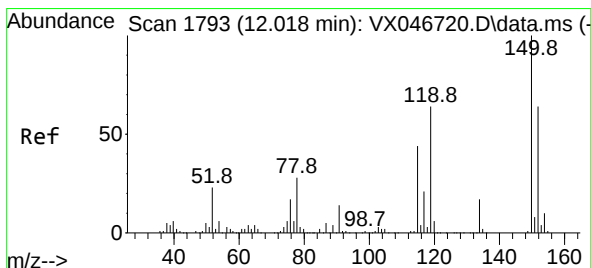
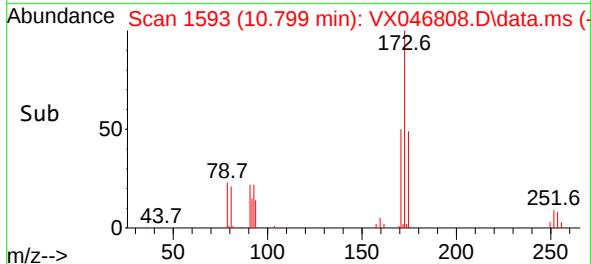
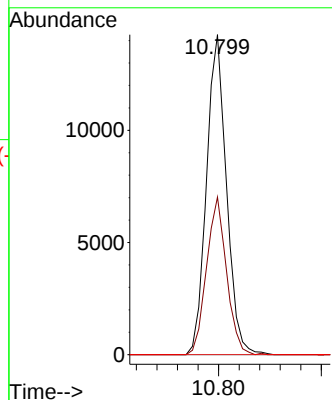
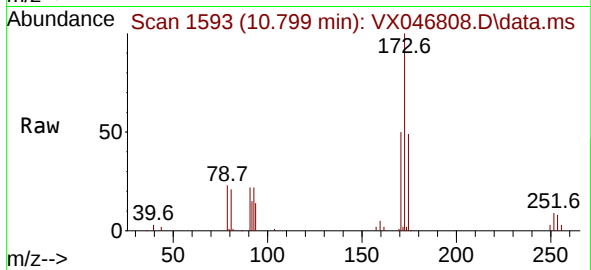
Tgt Ion:173 Resp: 19229

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

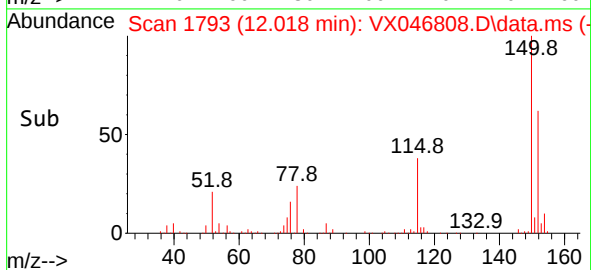
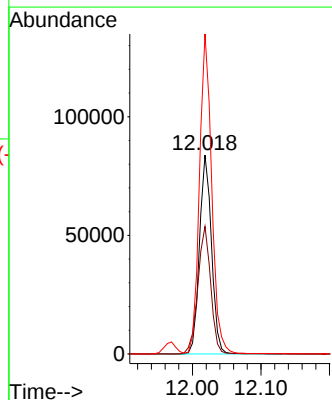
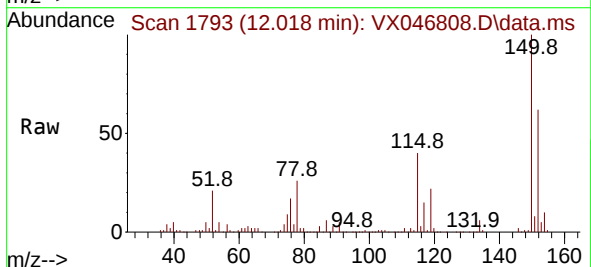
Tgt Ion:152 Resp: 102705

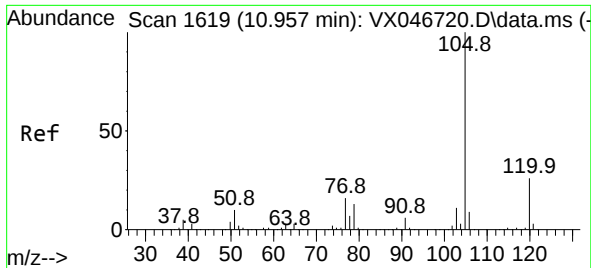
Ion Ratio Lower Upper

152 100

115 68.5 43.2 129.6

150 163.1 0.0 346.8

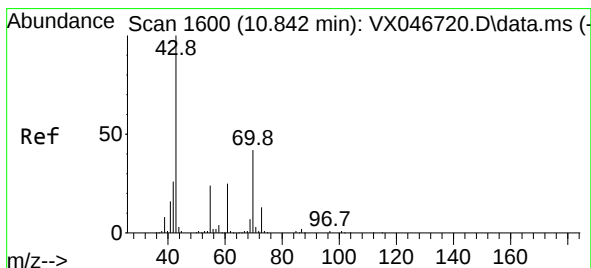
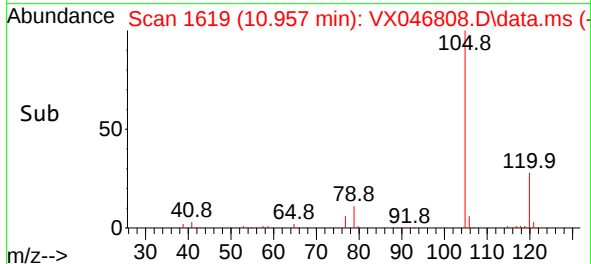
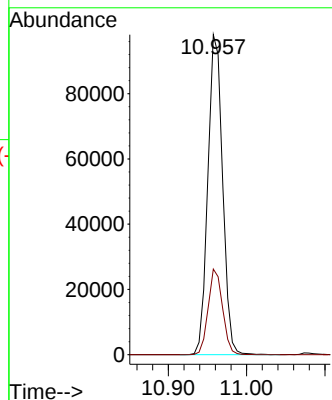
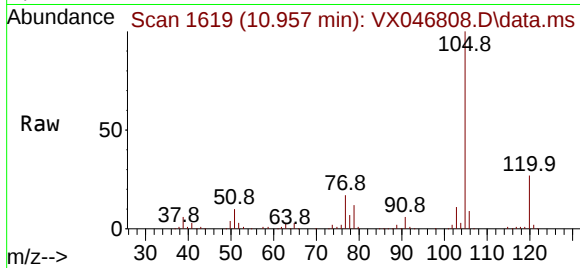




#73
Isopropylbenzene
Concen: 16.879 ug/l
RT: 10.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

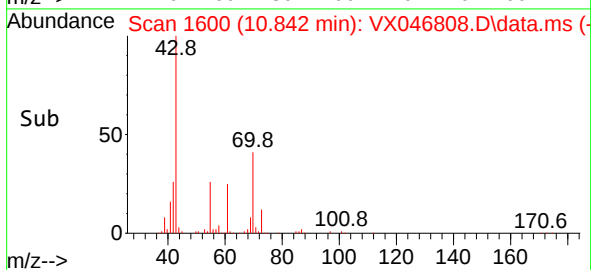
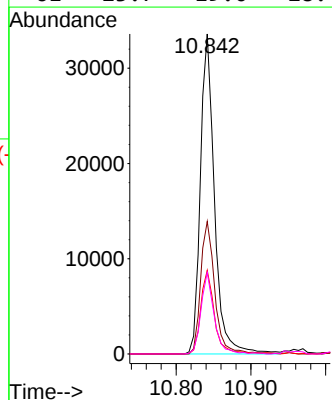
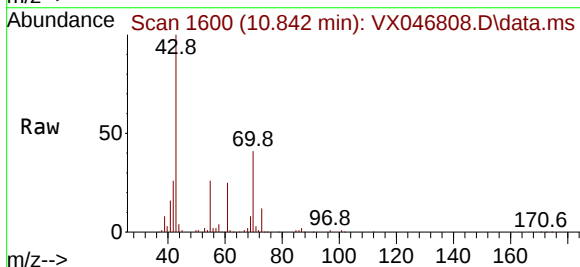
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

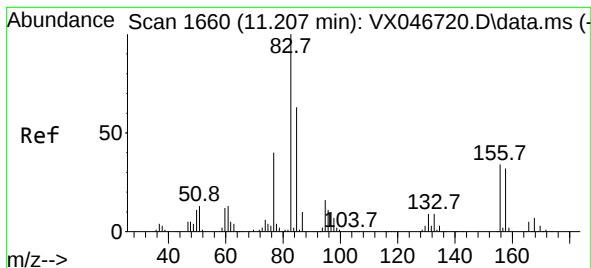
Tgt Ion:105 Resp: 127676
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 15.392 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 43 Resp: 44113
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.0
55 25.6 19.1 28.7
61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.783 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

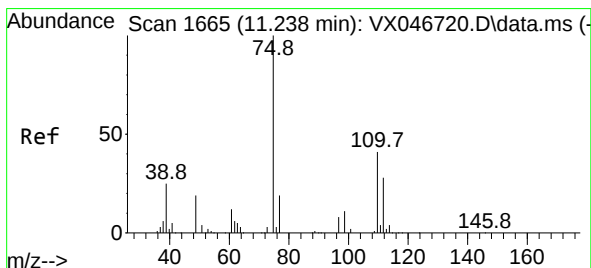
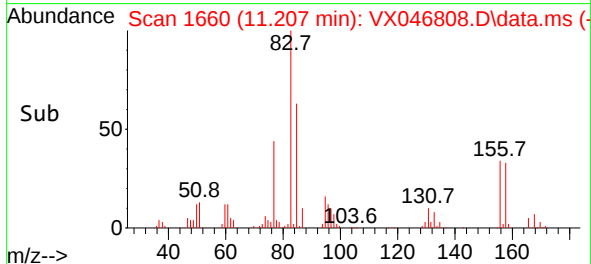
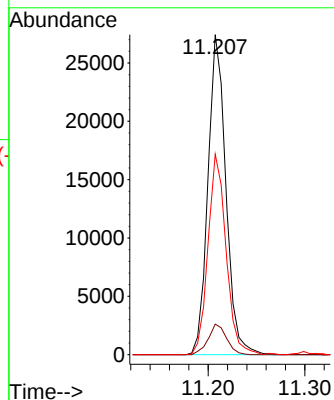
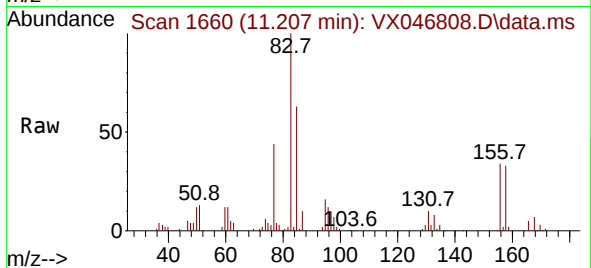
Tgt Ion: 83 Resp: 35448

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.296 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046808.D

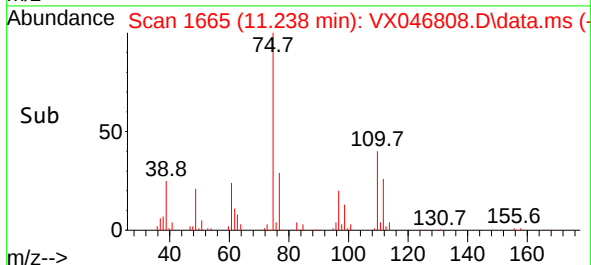
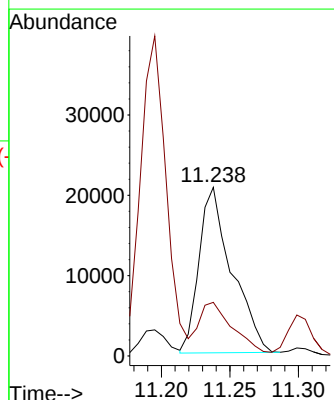
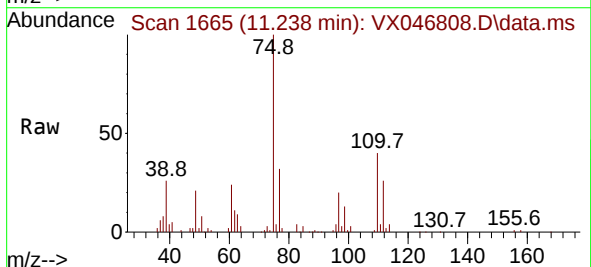
Acq: 23 Jun 2025 10:40

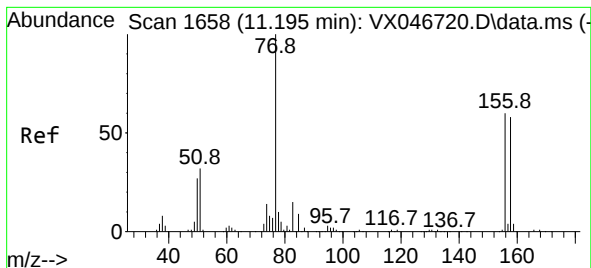
Tgt Ion: 75 Resp: 34416

Ion Ratio Lower Upper

75 100

77 34.7 18.5 55.5





#77

Bromobenzene

Concen: 17.383 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

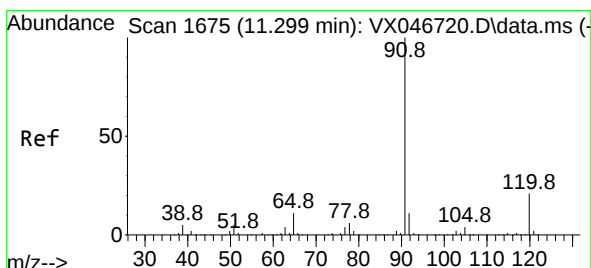
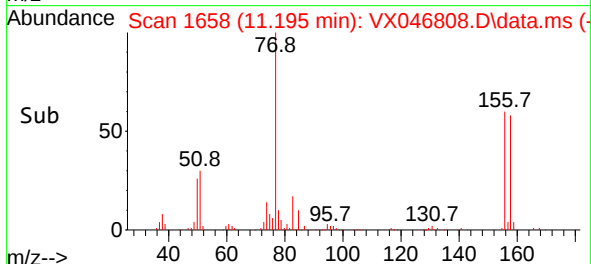
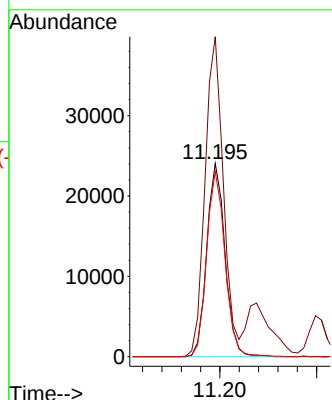
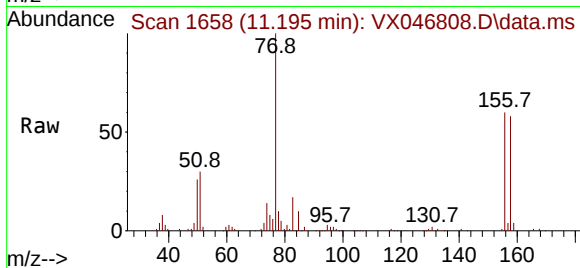
Tgt Ion:156 Resp: 31642

Ion Ratio Lower Upper

156 100

77 165.6 82.8 248.6

158 96.1 47.6 142.9



#78

n-propylbenzene

Concen: 17.113 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046808.D

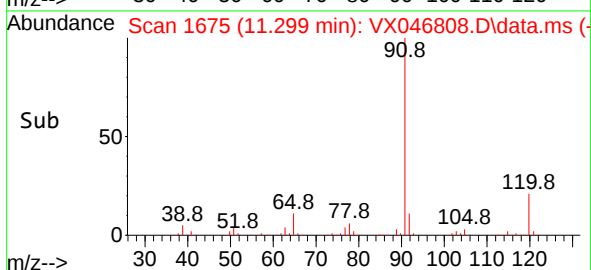
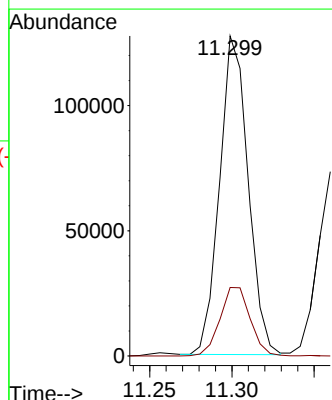
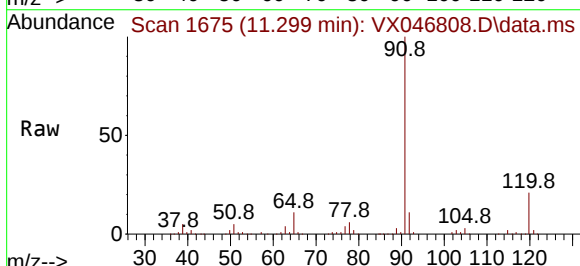
Acq: 23 Jun 2025 10:40

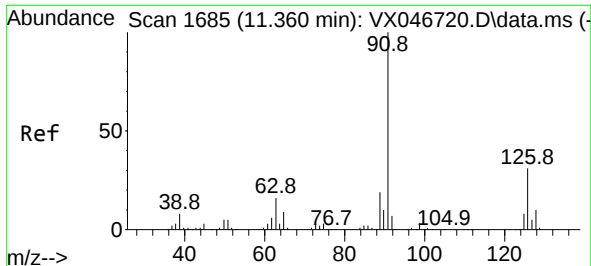
Tgt Ion: 91 Resp: 153754

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.1

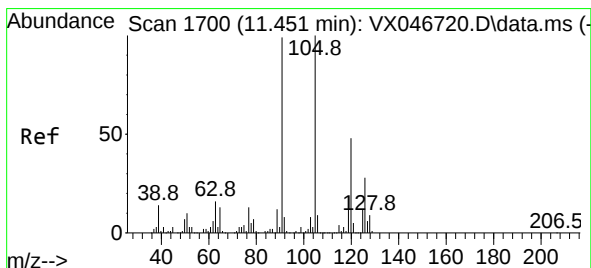
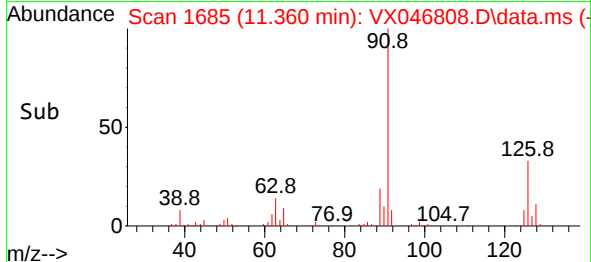
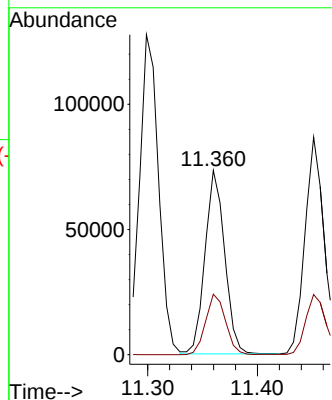
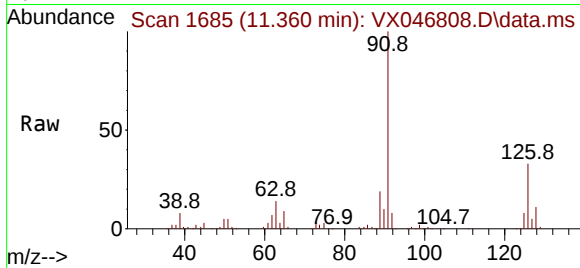




#79
2-Chlorotoluene
Concen: 17.004 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

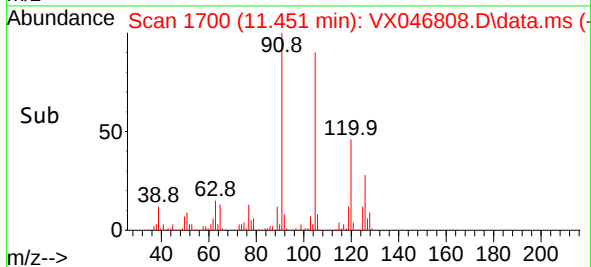
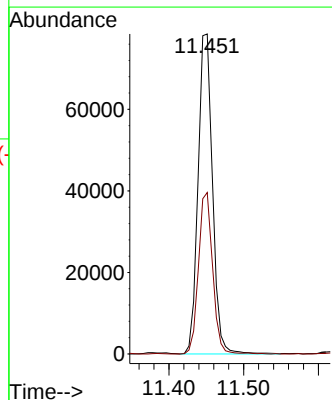
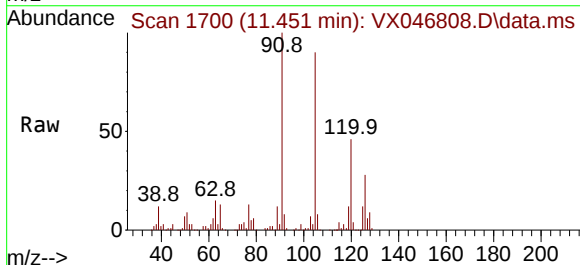
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

Tgt Ion: 91 Resp: 91213
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 16.950 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 105 Resp: 105359
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.2

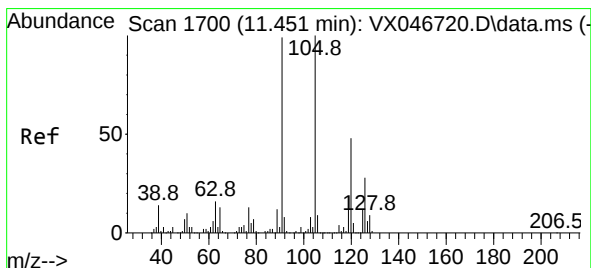
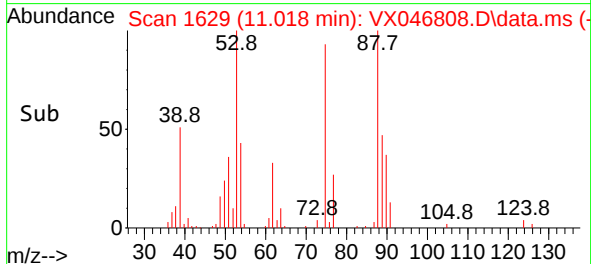
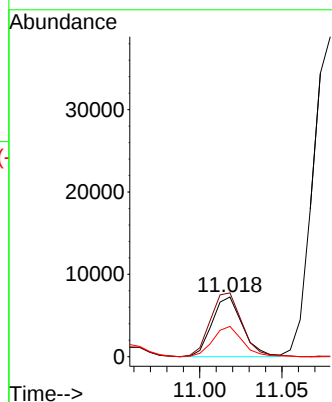
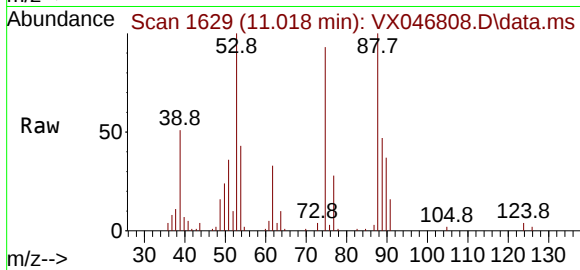




#81
trans-1,4-Dichloro-2-butene
Concen: 14.113 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

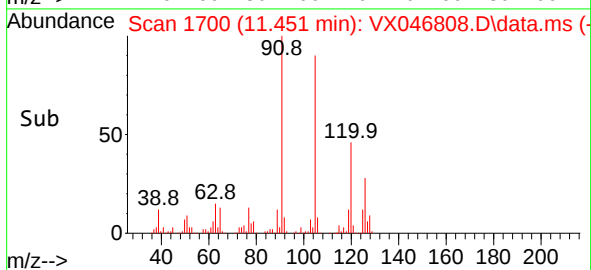
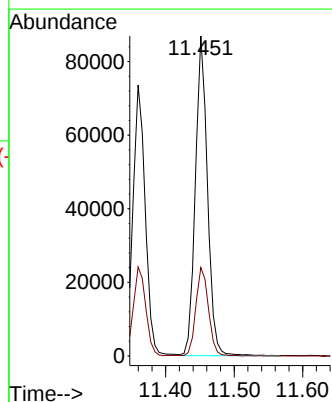
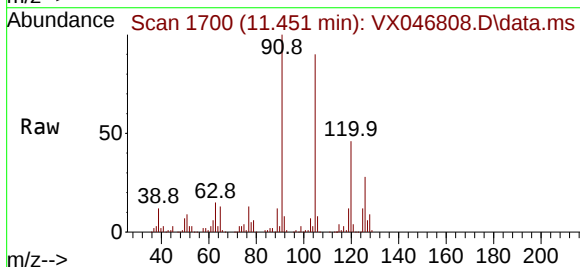
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

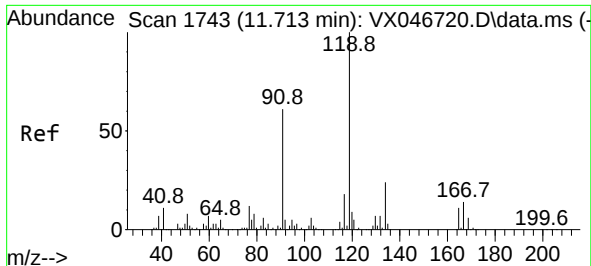
Tgt Ion: 75 Resp: 9392
Ion Ratio Lower Upper
75 100
53 110.6 86.8 130.2
89 49.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 17.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 91 Resp: 106762
Ion Ratio Lower Upper
91 100
126 28.9 14.4 43.2

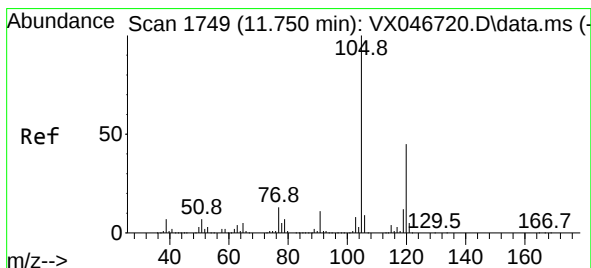
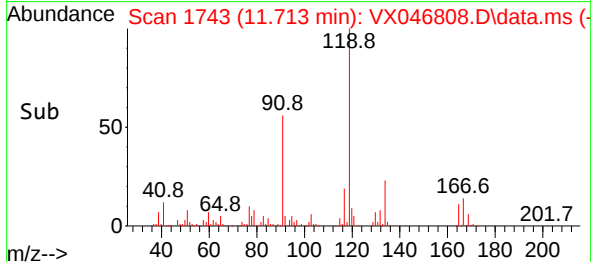
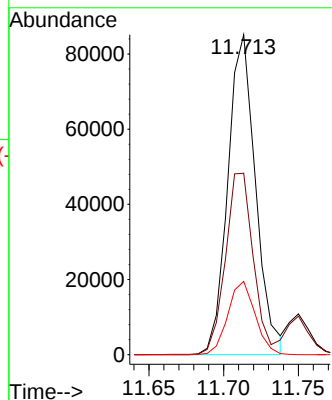
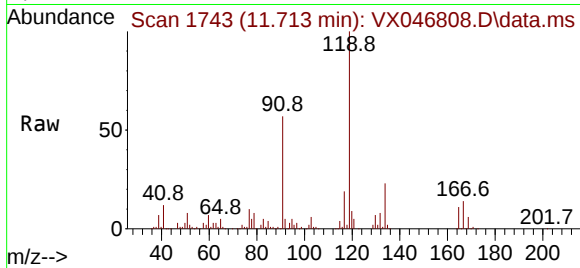




#83
 tert-Butylbenzene
 Concen: 17.122 ug/l
 RT: 11.713 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

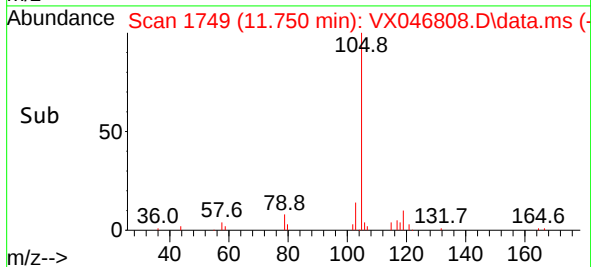
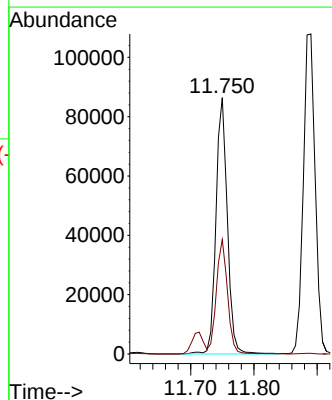
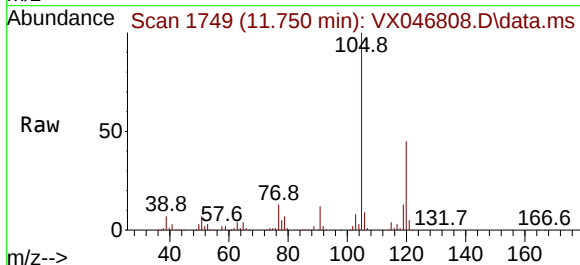
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBSD01

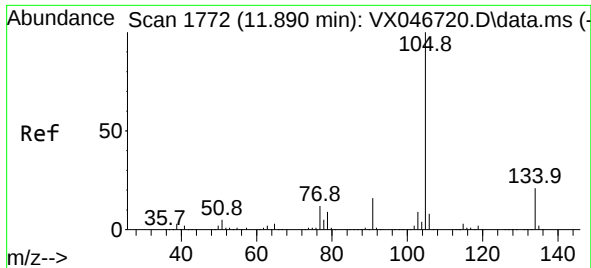
Tgt Ion:119 Resp: 110014
 Ion Ratio Lower Upper
 119 100
 91 56.7 29.5 88.6
 134 22.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.220 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

Tgt Ion:105 Resp: 107545
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.3

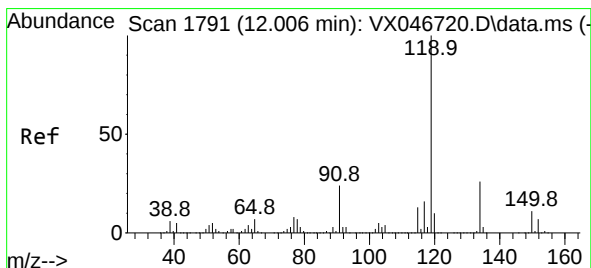
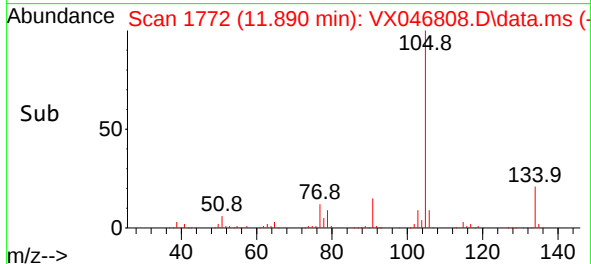
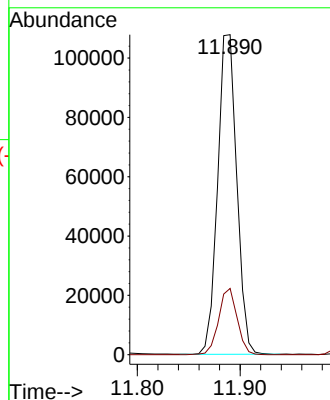
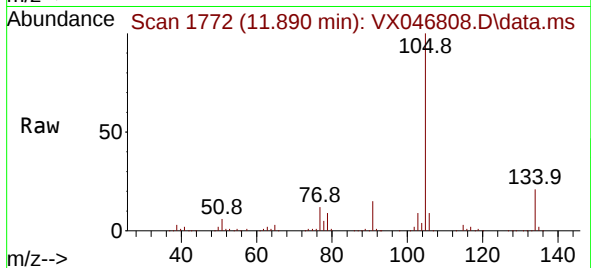




#85
 sec-Butylbenzene
 Concen: 17.113 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

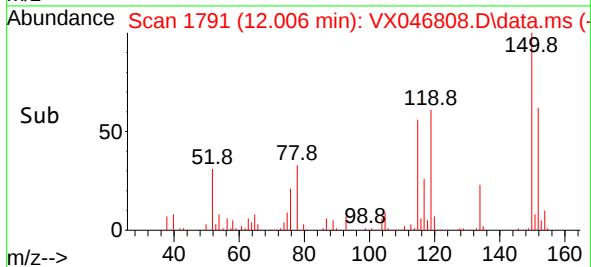
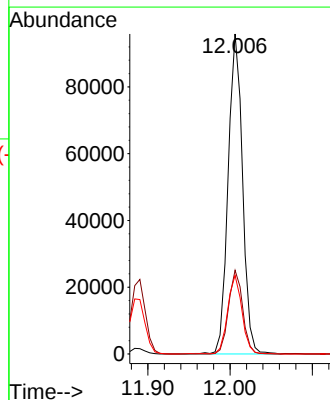
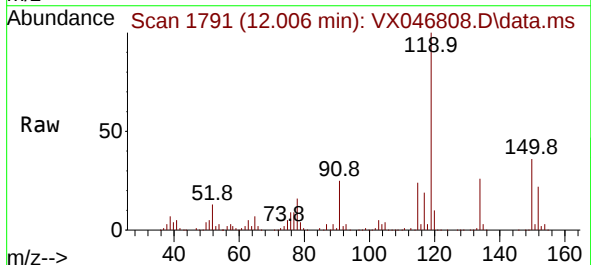
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623MBSD01

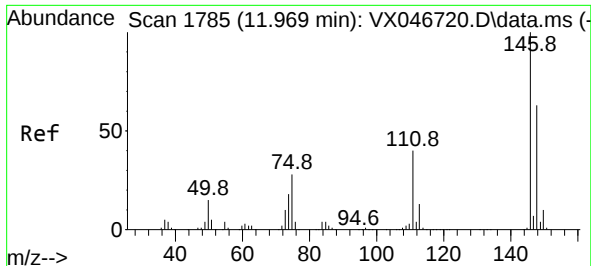
Tgt Ion:105 Resp: 138966
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 17.003 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046808.D
 Acq: 23 Jun 2025 10:40

Tgt Ion:119 Resp: 116496
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 16.987 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

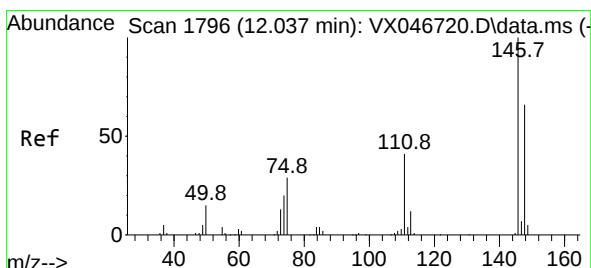
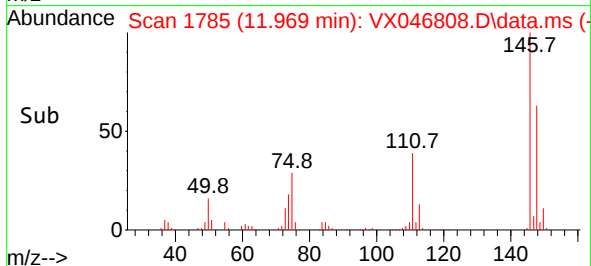
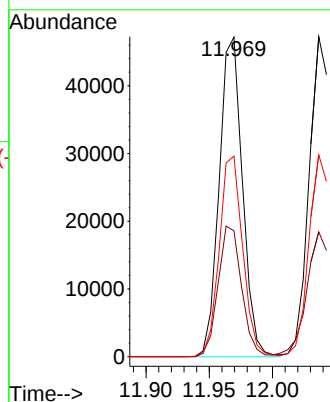
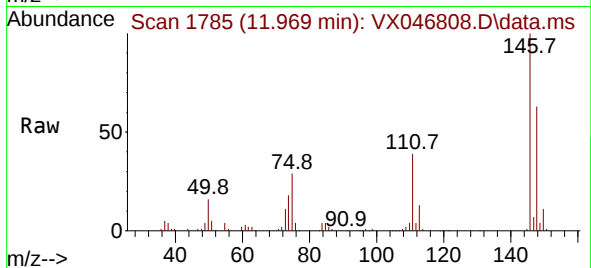
Tgt Ion:146 Resp: 60290

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

148 63.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 16.627 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

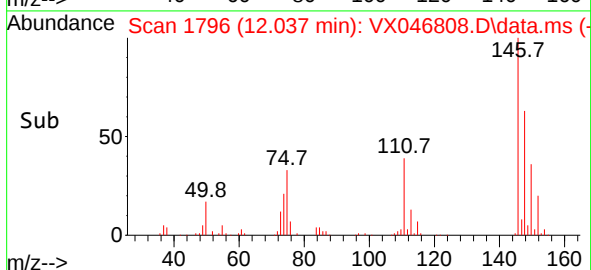
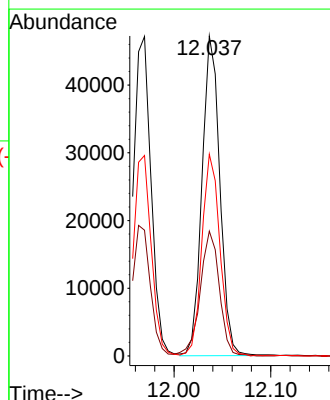
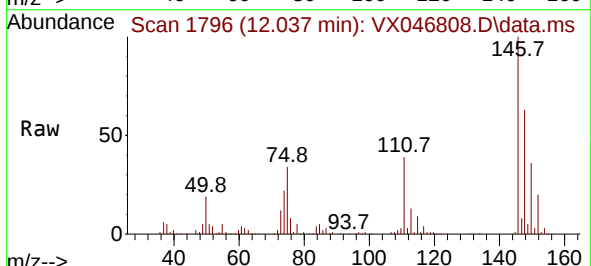
Tgt Ion:146 Resp: 60612

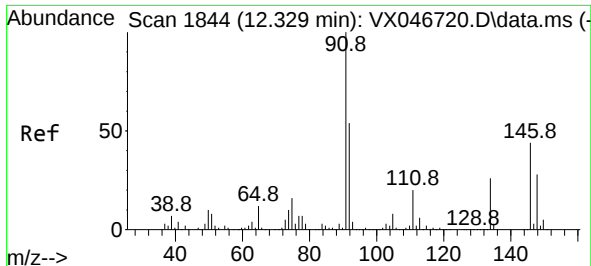
Ion Ratio Lower Upper

146 100

111 42.1 20.3 61.0

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 16.878 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

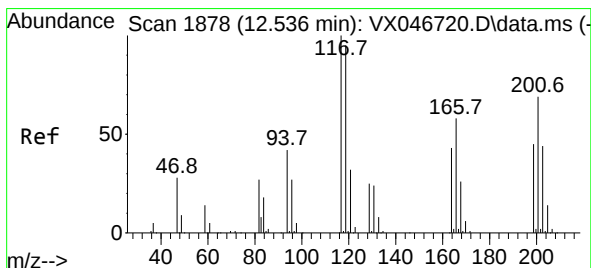
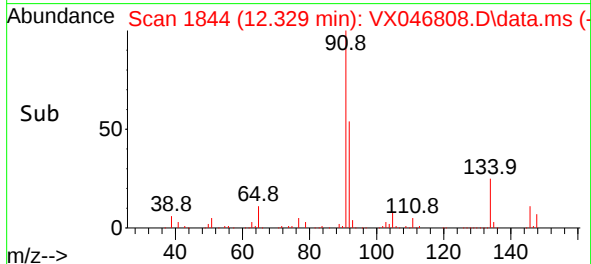
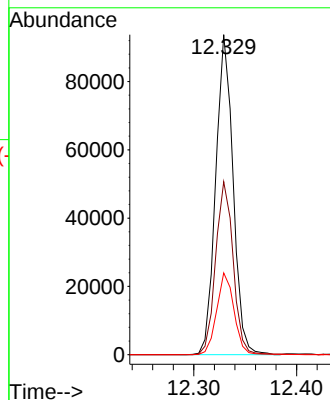
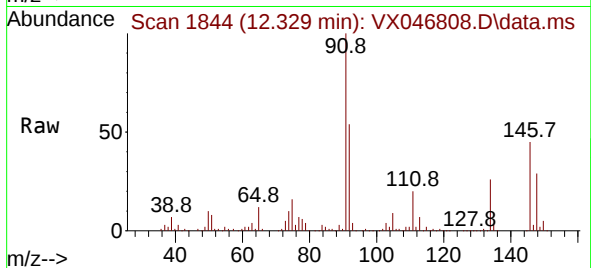
Tgt Ion: 91 Resp: 109798

Ion Ratio Lower Upper

91 100

92 54.6 27.1 81.3

134 25.6 12.9 38.6



#90

Hexachloroethane

Concen: 16.740 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046808.D

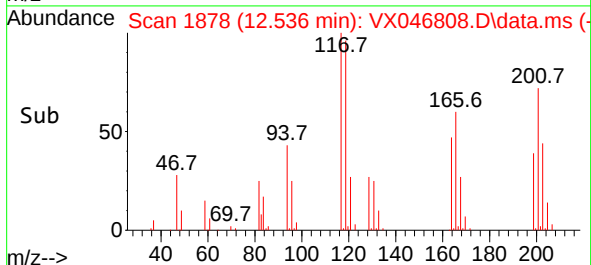
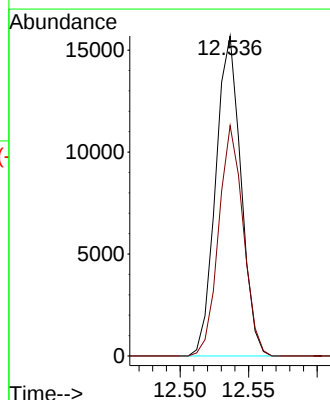
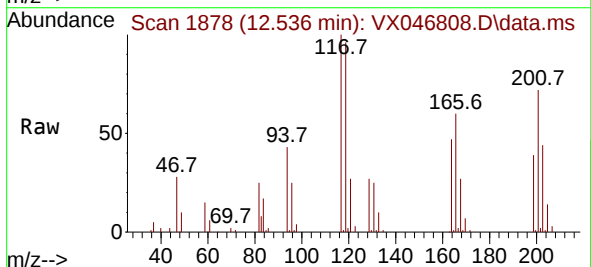
Acq: 23 Jun 2025 10:40

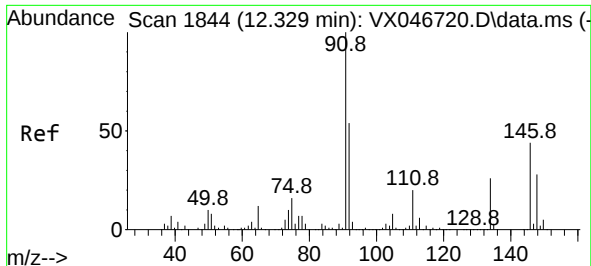
Tgt Ion: 117 Resp: 20085

Ion Ratio Lower Upper

117 100

201 70.1 34.4 103.3

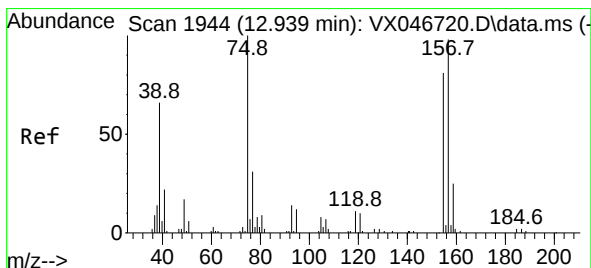
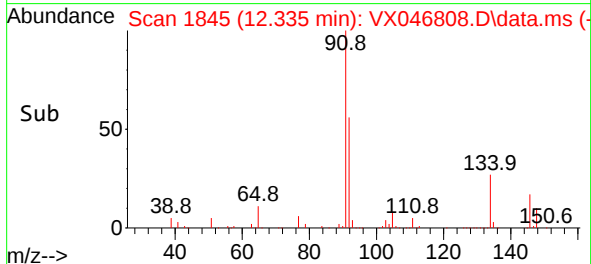
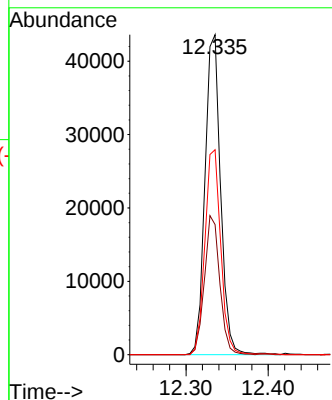
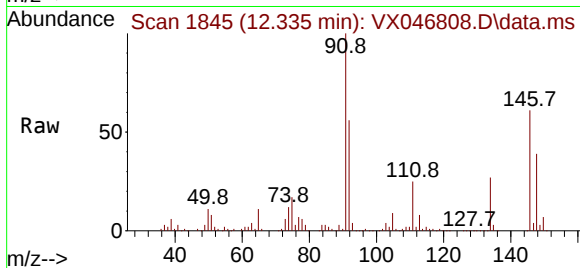




#91
1,2-Dichlorobenzene
Concen: 17.314 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

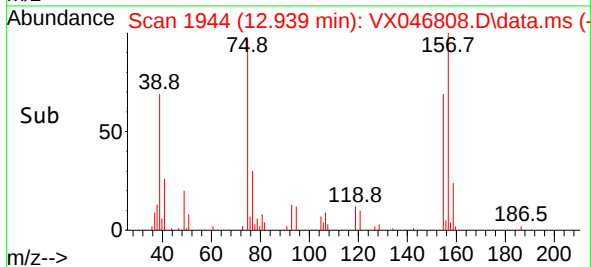
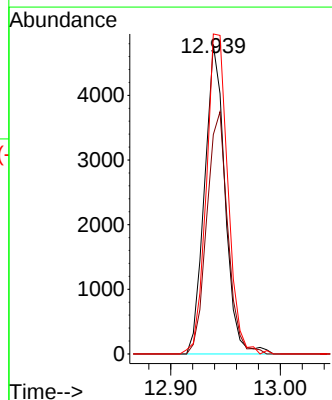
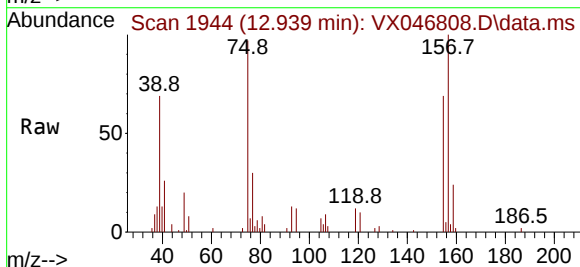
Instrument :
MSVOA_X
ClientSampleId :
VX0623MBSD01

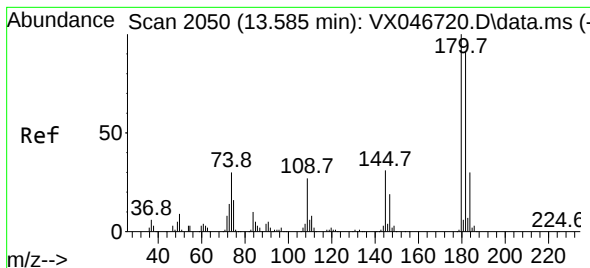
Tgt Ion:146 Resp: 57425
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 65.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.835 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046808.D
Acq: 23 Jun 2025 10:40

Tgt Ion: 75 Resp: 6186
Ion Ratio Lower Upper
75 100
155 80.2 41.9 125.7
157 108.9 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 16.509 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

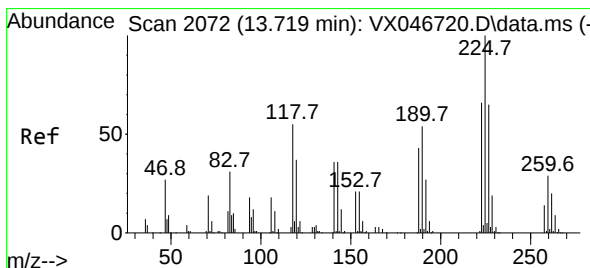
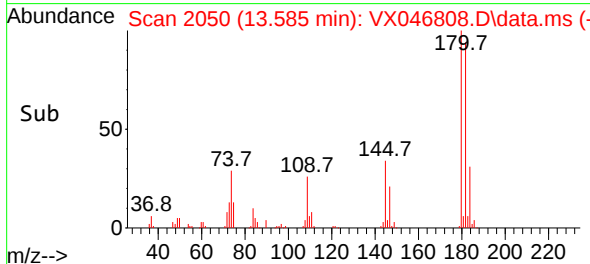
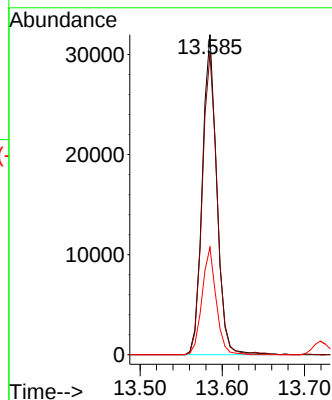
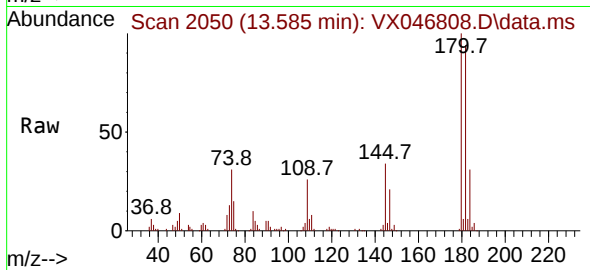
Tgt Ion:180 Resp: 38928

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.1

145 32.7 15.8 47.4



#94

Hexachlorobutadiene

Concen: 16.793 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

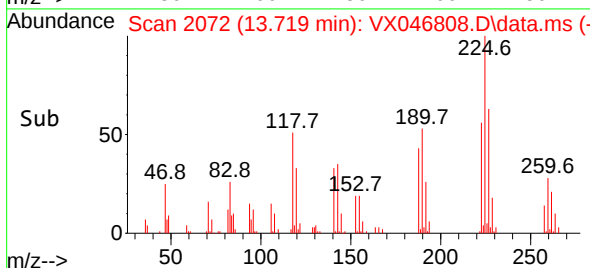
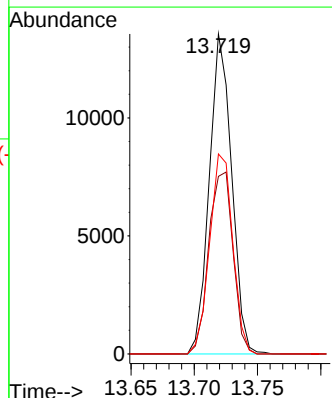
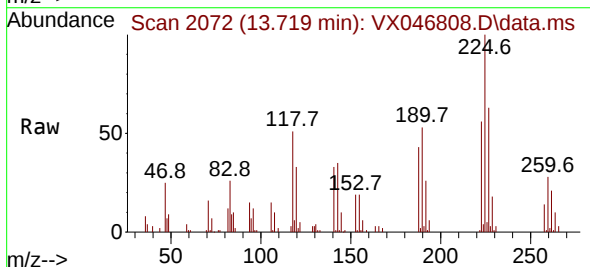
Tgt Ion:225 Resp: 16657

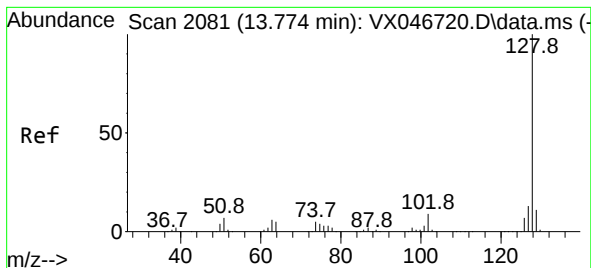
Ion Ratio Lower Upper

225 100

223 61.7 32.5 97.5

227 64.7 32.2 96.6





#95

Naphthalene

Concen: 15.944 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0623MBSD01

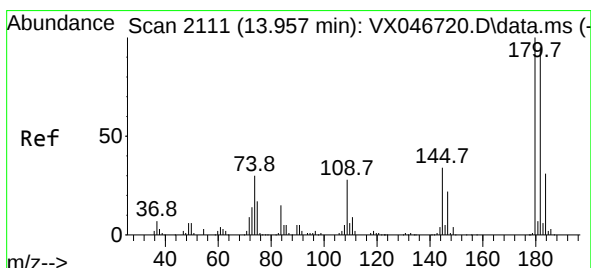
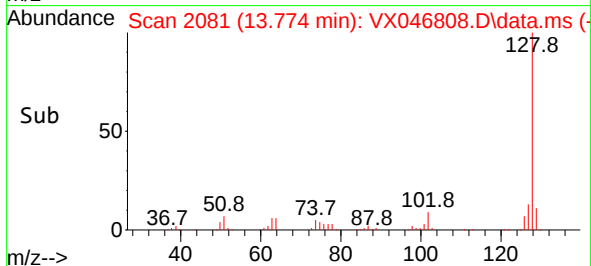
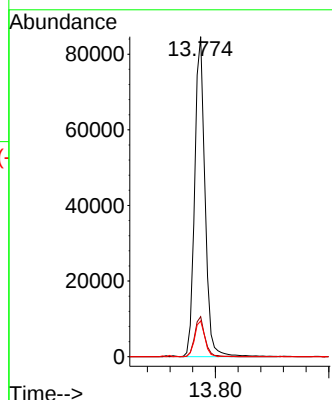
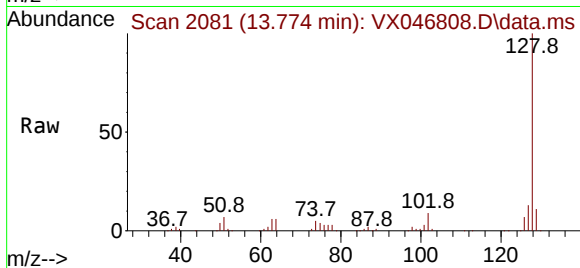
Tgt Ion:128 Resp: 107110

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.893 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046808.D

Acq: 23 Jun 2025 10:40

Tgt Ion:180 Resp: 38108

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.4

145 33.2 17.3 51.9

