

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046965.D
 Acq On : 14 Jul 2025 12:06
 Operator : JC/MD
 Sample : VX0714MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBSD01

Quant Time: Jul 15 01:16:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	292639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	490750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218316	56.470	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.940%			
35) Dibromofluoromethane	5.391	113	177562	53.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	8.647	98	603393	51.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.680%			
62) 4-Bromofluorobenzene	11.079	95	242427	54.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	49490	17.683	ug/l	96
3) Chloromethane	1.307	50	52676	17.227	ug/l	100
4) Vinyl Chloride	1.386	62	60334	18.119	ug/l	99
5) Bromomethane	1.624	94	38120	17.817	ug/l	98
6) Chloroethane	1.703	64	38980	17.728	ug/l	98
7) Trichlorofluoromethane	1.904	101	97854	19.006	ug/l	98
8) Diethyl Ether	2.148	74	38474	20.998	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	63605	19.387	ug/l	100
10) Methyl Iodide	2.465	142	49472	13.841	ug/l	96
11) Tert butyl alcohol	2.953	59	43294	170.748	ug/l	100
12) 1,1-Dichloroethene	2.331	96	59583	18.777	ug/l	98
13) Acrolein	2.246	56	25729	93.623	ug/l	94
14) Allyl chloride	2.678	41	113787	20.141	ug/l	99
15) Acrylonitrile	3.075	53	186550	127.254	ug/l	99
16) Acetone	2.386	43	146579	122.060	ug/l	96
17) Carbon Disulfide	2.526	76	135393	16.269	ug/l	97
18) Methyl Acetate	2.709	43	99485	31.431	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	218001	24.327	ug/l	100
20) Methylene Chloride	2.800	84	73168	20.605	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	63243	19.477	ug/l	96
22) Diisopropyl ether	3.770	45	244861	22.434	ug/l	94
23) Vinyl Acetate	3.733	43	948113	115.947	ug/l	99
24) 1,1-Dichloroethane	3.623	63	126590	20.336	ug/l	98
25) 2-Butanone	4.562	43	226921	141.632	ug/l	97
26) 2,2-Dichloropropane	4.489	77	90291	19.490	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	80259	20.245	ug/l	99
28) Bromochloromethane	4.910	49	66739	21.724	ug/l	98
29) Tetrahydrofuran	5.013	42	144230	141.217	ug/l	100
30) Chloroform	5.105	83	134480	21.146	ug/l	99
31) Cyclohexane	5.477	56	105020	19.004	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	111887	21.059	ug/l	99
36) 1,1-Dichloropropene	5.702	75	83933	18.674	ug/l	98
37) Ethyl Acetate	4.727	43	90644	23.679	ug/l	99
38) Carbon Tetrachloride	5.684	117	93478	19.672	ug/l	98
39) Methylcyclohexane	7.385	83	102405	18.214	ug/l	98
40) Benzene	6.044	78	264867	19.483	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046965.D
 Acq On : 14 Jul 2025 12:06
 Operator : JC/MD
 Sample : VX0714MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBS01

Quant Time: Jul 15 01:16:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53141	26.023	ug/l	97
42) 1,2-Dichloroethane	6.092	62	98532	21.345	ug/l	100
43) Isopropyl Acetate	6.342	43	149757	25.541	ug/l	99
44) Trichloroethene	7.129	130	67042	18.945	ug/l	96
45) 1,2-Dichloropropane	7.428	63	70676	20.577	ug/l	97
46) Dibromomethane	7.586	93	52001	21.852	ug/l	98
47) Bromodichloromethane	7.824	83	105815	20.824	ug/l	97
48) Methyl methacrylate	7.696	41	76717	25.339	ug/l	98
49) 1,4-Dioxane	7.659	88	20734	591.042	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	484792	140.095	ug/l	100
52) Toluene	8.720	92	169146	20.079	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	97762	21.558	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108278	20.918	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70752	22.549	ug/l	97
56) Ethyl methacrylate	9.116	69	105011	24.180	ug/l	96
57) 1,3-Dichloropropane	9.305	76	119229	22.067	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278728	113.906	ug/l	100
59) 2-Hexanone	9.427	43	334382	145.680	ug/l	100
60) Dibromochloromethane	9.519	129	81190	21.621	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68429	21.715	ug/l	98
64) Tetrachloroethene	9.275	164	55267	18.703	ug/l	96
65) Chlorobenzene	10.080	112	193750	20.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	68023	21.088	ug/l	98
67) Ethyl Benzene	10.195	91	329357	20.043	ug/l	97
68) m/p-Xylenes	10.299	106	248328	40.104	ug/l	99
69) o-Xylene	10.640	106	121989	20.395	ug/l	100
70) Styrene	10.653	104	213080	20.822	ug/l	99
71) Bromoform	10.799	173	54294	22.637	ug/l #	99
73) Isopropylbenzene	10.964	105	323016	20.097	ug/l	100
74) N-amyl acetate	10.842	43	136117	24.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	104828	23.719	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	110925	31.399	ug/l	87
77) Bromobenzene	11.195	156	80090	20.005	ug/l	97
78) n-propylbenzene	11.305	91	382067	19.714	ug/l	100
79) 2-Chlorotoluene	11.360	91	229010	20.012	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	266585	20.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29737	22.588	ug/l	95
82) 4-Chlorotoluene	11.451	91	268462	20.329	ug/l	99
83) tert-Butylbenzene	11.713	119	275915	20.455	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	271658	20.580	ug/l	95
85) sec-Butylbenzene	11.890	105	344871	20.279	ug/l	100
86) p-Isopropyltoluene	12.006	119	281252	19.748	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151949	20.294	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	152258	19.539	ug/l	98
89) n-Butylbenzene	12.329	91	262967	19.651	ug/l	99
90) Hexachloroethane	12.536	117	49278	19.518	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	147594	20.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20724	26.810	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	100699	20.429	ug/l	98
94) Hexachlorobutadiene	13.725	225	36631	19.705	ug/l	98
95) Naphthalene	13.774	128	308854	23.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	97147	20.858	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046965.D
Acq On : 14 Jul 2025 12:06
Operator : JC/MD
Sample : VX0714MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

Quant Time: Jul 15 01:16:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

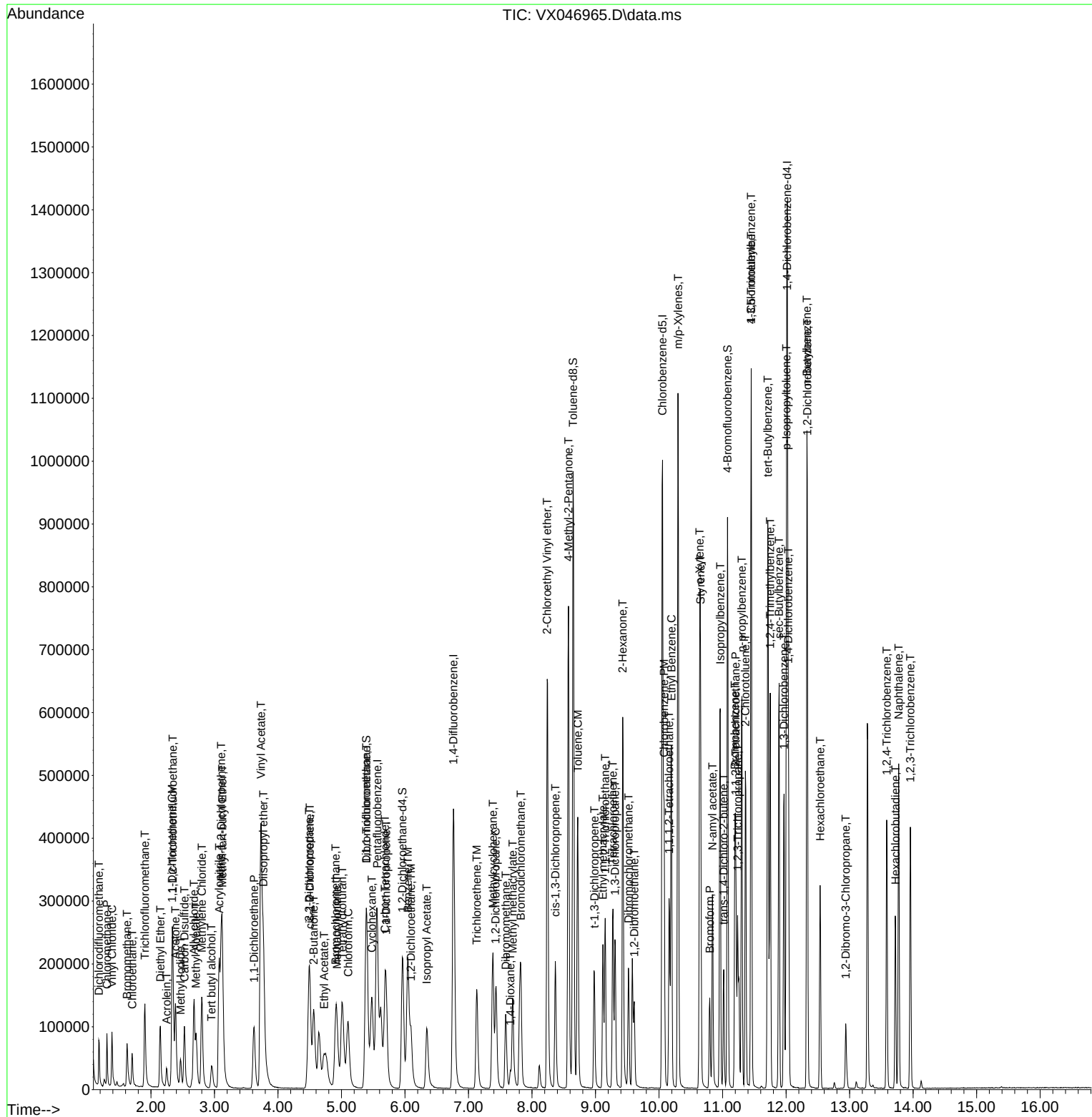
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

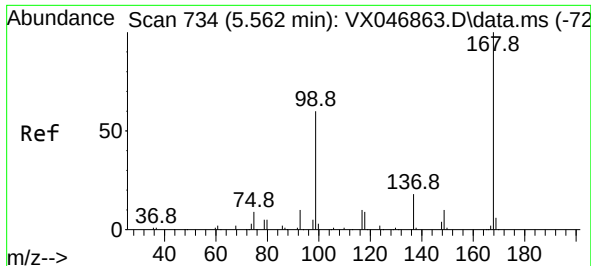
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046965.D
Acq On : 14 Jul 2025 12:06
Operator : JC/MD
Sample : VX0714MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

Quant Time: Jul 15 01:16:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

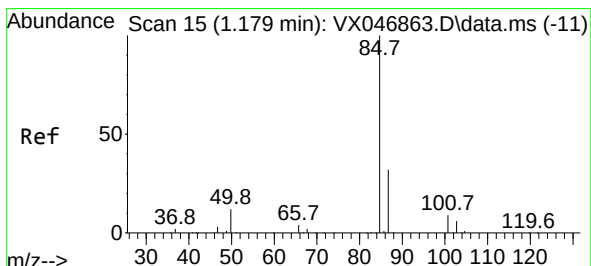
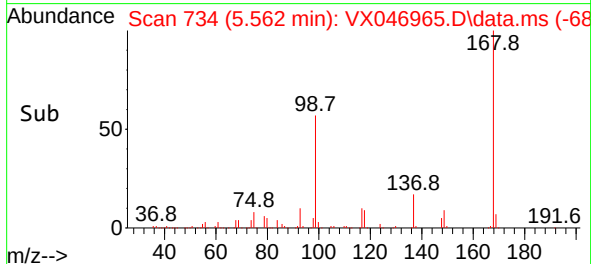
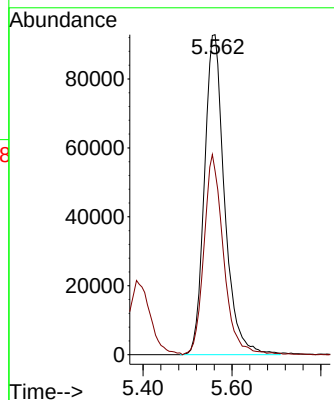
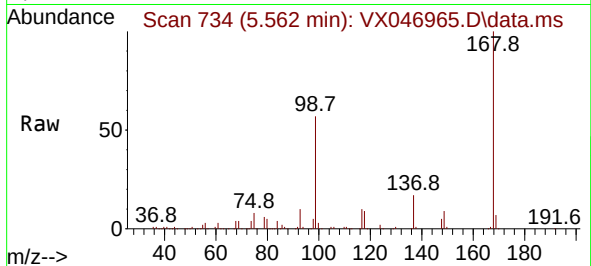




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

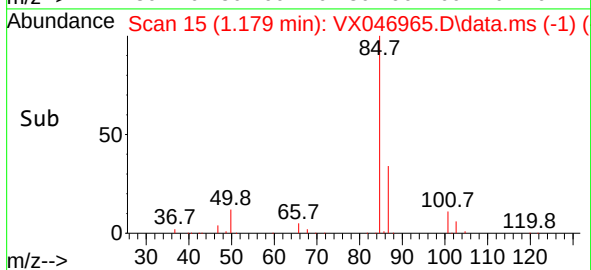
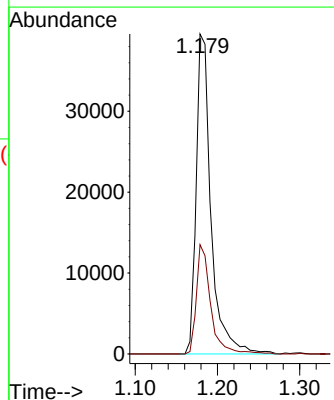
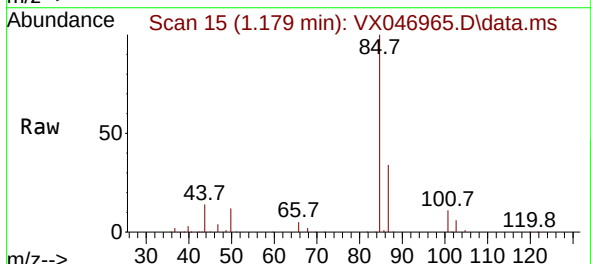
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

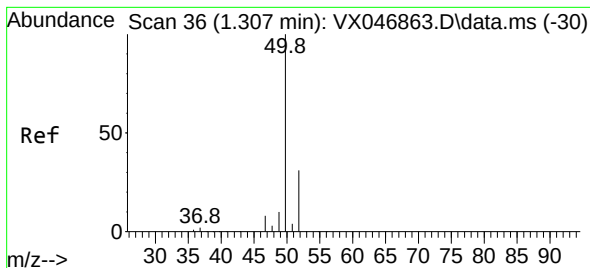
Tgt Ion:168 Resp: 292639
Ion Ratio Lower Upper
168 100
99 57.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 17.683 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 85 Resp: 49490
Ion Ratio Lower Upper
85 100
87 34.2 16.0 47.9





#3

Chloromethane

Concen: 17.227 ug/l

RT: 1.307 min Scan# 36

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

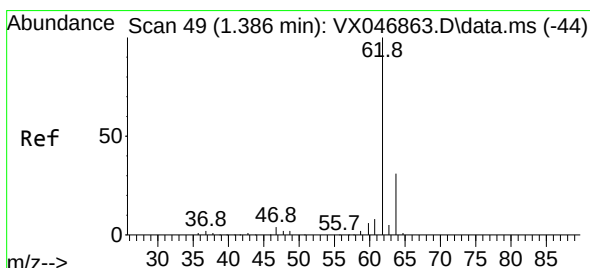
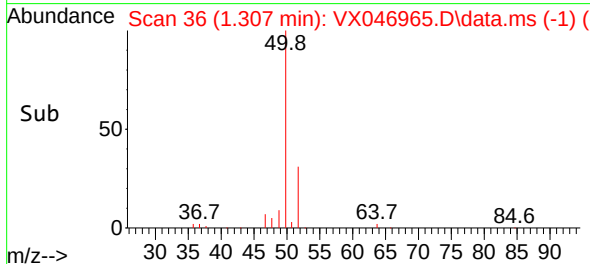
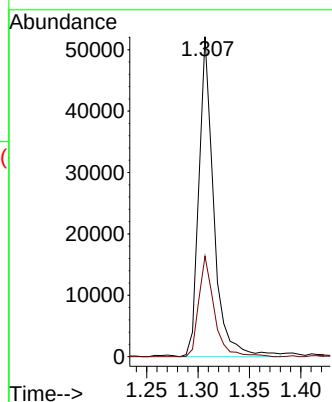
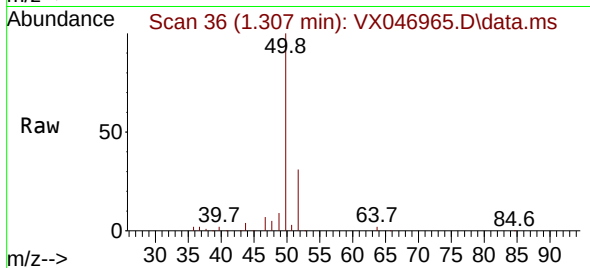
VX0714MBSD01

Tgt Ion: 50 Resp: 52676

Ion Ratio Lower Upper

50 100

52 31.4 25.0 37.4



#4

Vinyl Chloride

Concen: 18.119 ug/l

RT: 1.386 min Scan# 49

Delta R.T. 0.000 min

Lab File: VX046965.D

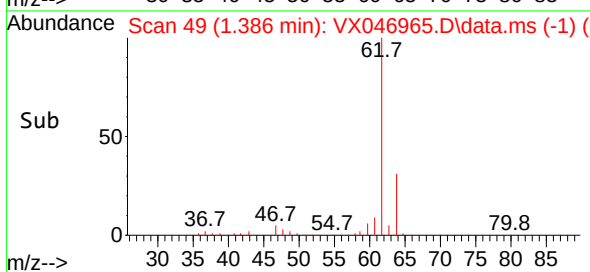
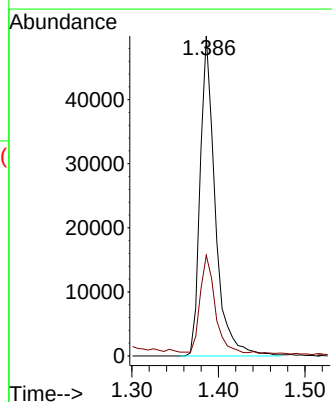
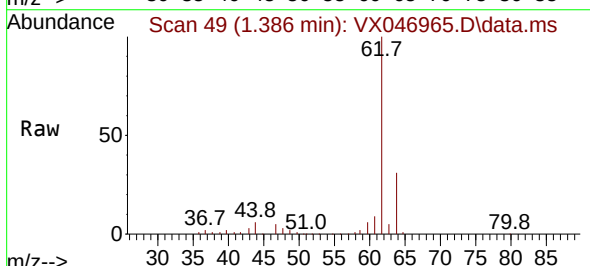
Acq: 14 Jul 2025 12:06

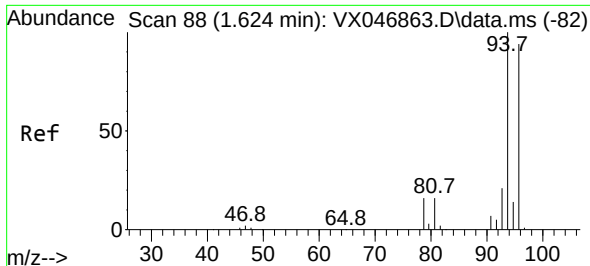
Tgt Ion: 62 Resp: 60334

Ion Ratio Lower Upper

62 100

64 30.5 25.0 37.4

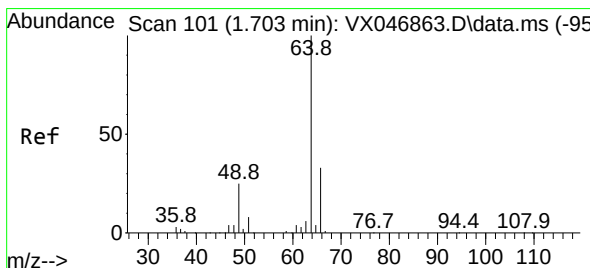
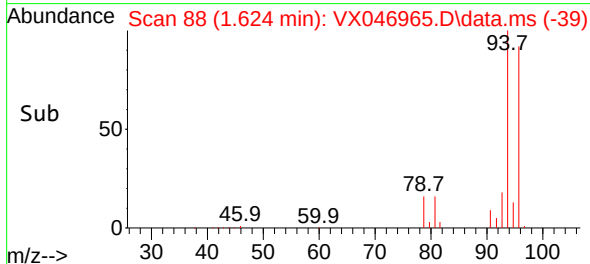
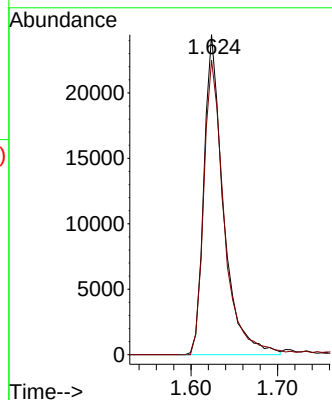
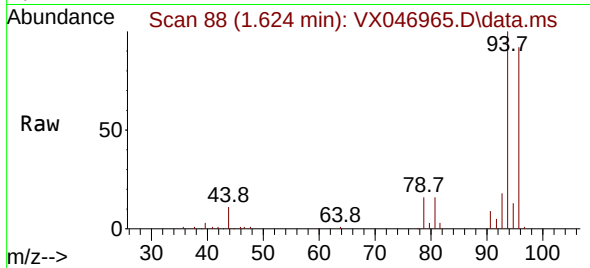




#5
Bromomethane
Concen: 17.817 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

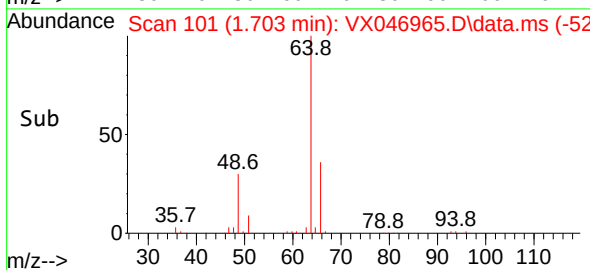
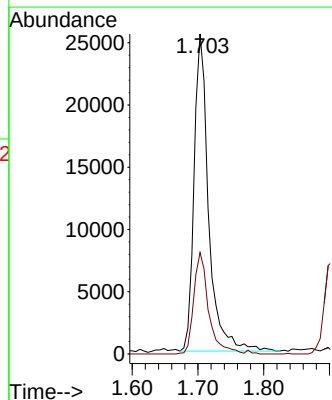
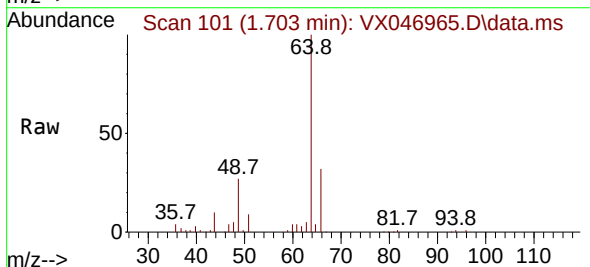
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

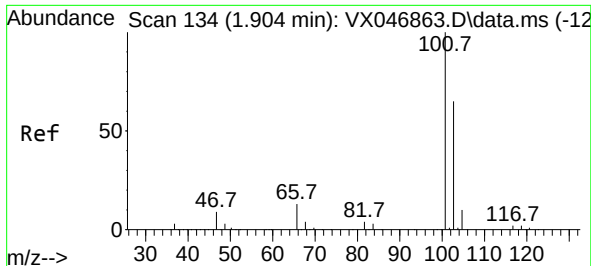
Tgt Ion: 94 Resp: 38120
Ion Ratio Lower Upper
94 100
96 92.1 75.5 113.3



#6
Chloroethane
Concen: 17.728 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 64 Resp: 38980
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6

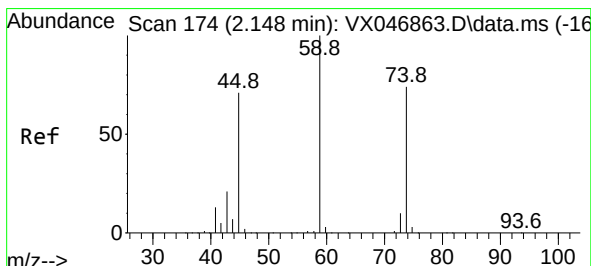
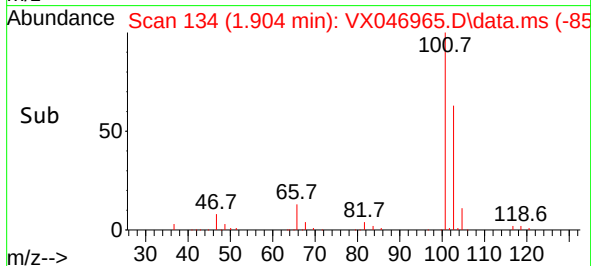
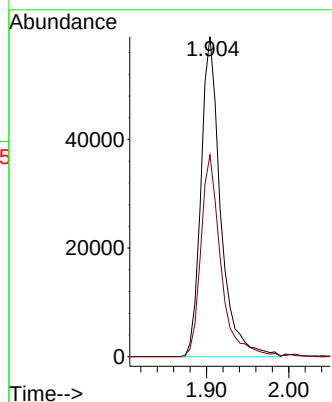
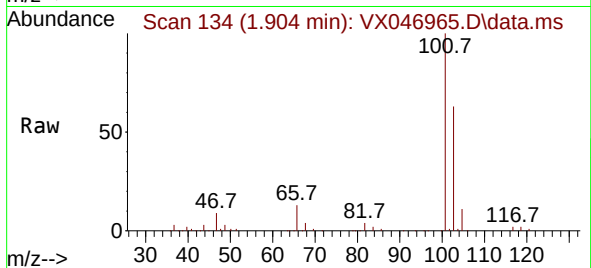




#7
 Trichlorofluoromethane
 Concen: 19.006 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

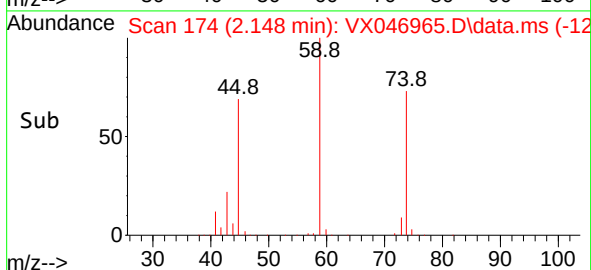
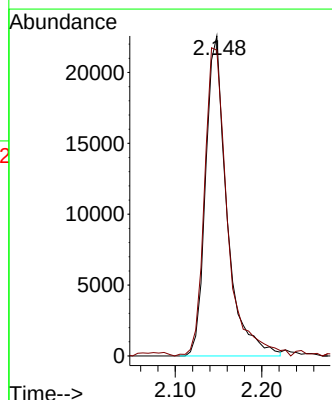
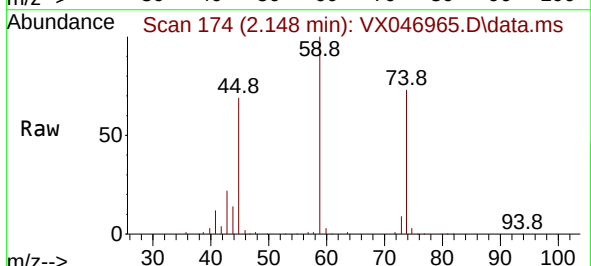
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBSD01

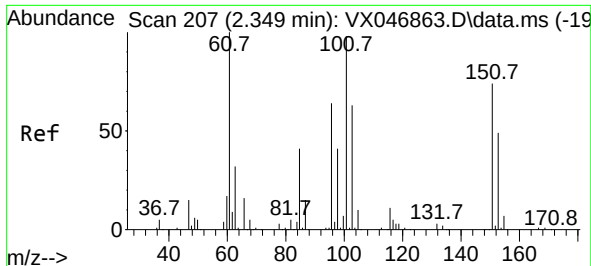
Tgt Ion:101 Resp: 97854
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.998 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

Tgt Ion: 74 Resp: 38474
 Ion Ratio Lower Upper
 74 100
 45 104.0 50.7 152.1

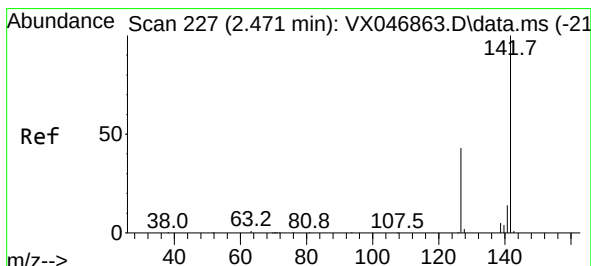
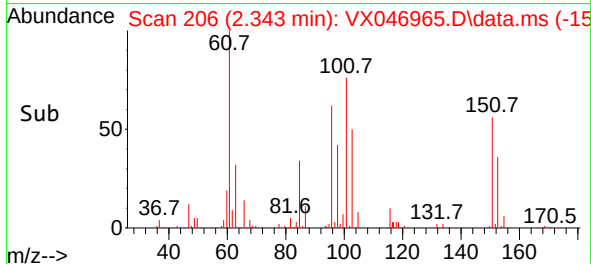
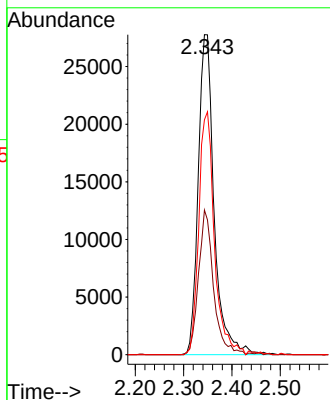
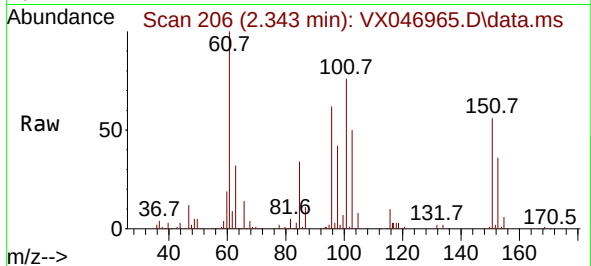




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.387 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

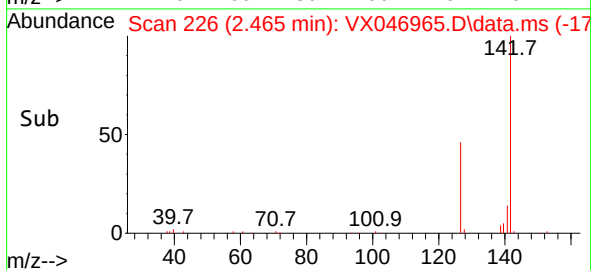
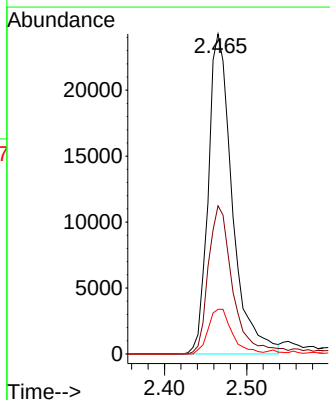
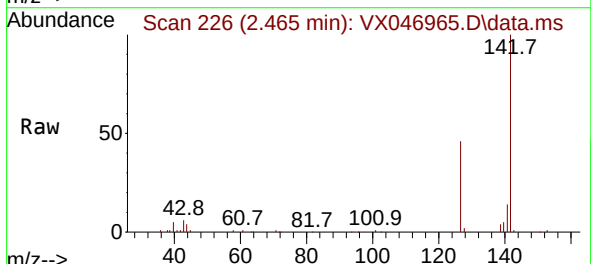
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

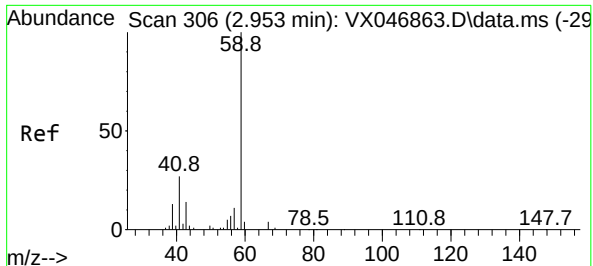
Tgt Ion:101 Resp: 63605
Ion Ratio Lower Upper
101 100
85 42.7 34.3 51.5
151 74.4 59.9 89.9



#10
Methyl Iodide
Concen: 13.841 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion:142 Resp: 49472
Ion Ratio Lower Upper
142 100
127 46.8 34.9 52.3
141 13.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 170.748 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

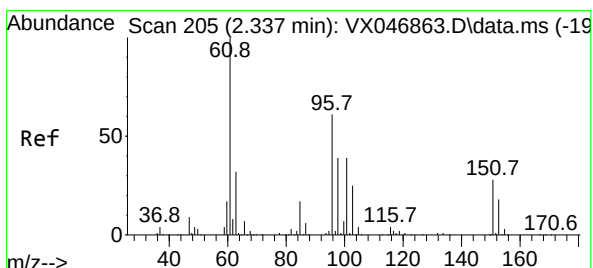
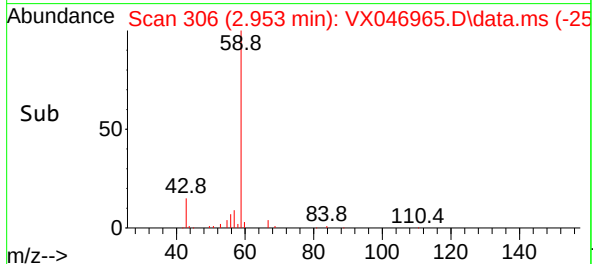
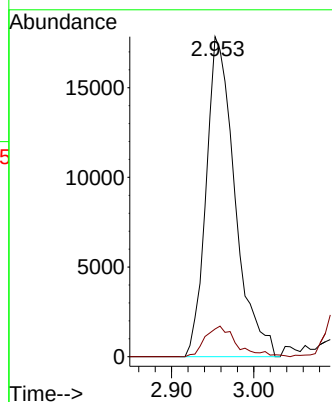
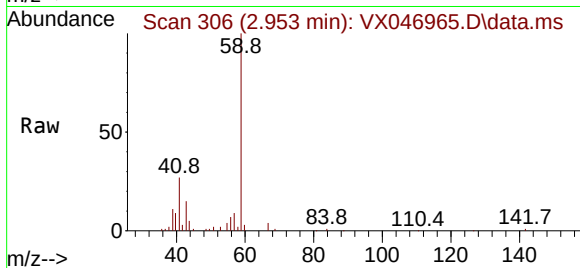
VX0714MBSD01

Tgt Ion: 59 Resp: 43294

Ion Ratio Lower Upper

59 100

57 10.4 8.5 12.7



#12

1,1-Dichloroethene

Concen: 18.777 ug/l

RT: 2.331 min Scan# 204

Delta R.T. -0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

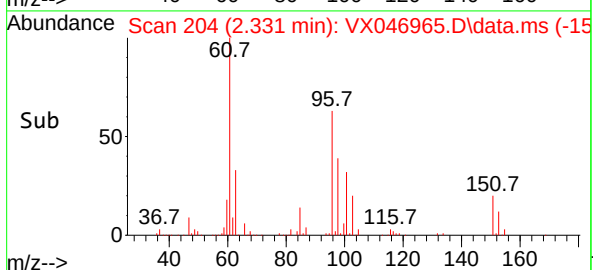
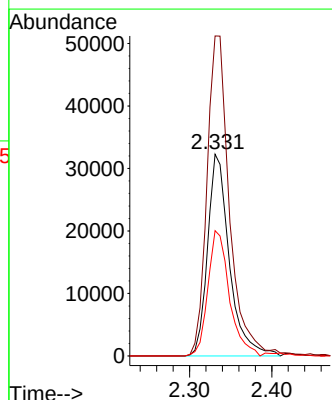
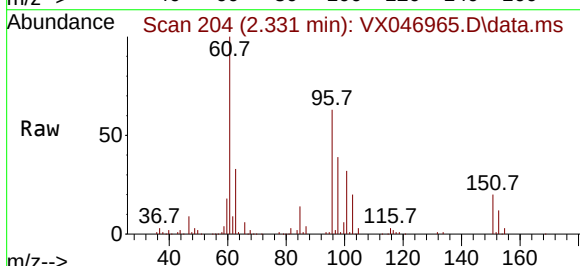
Tgt Ion: 96 Resp: 59583

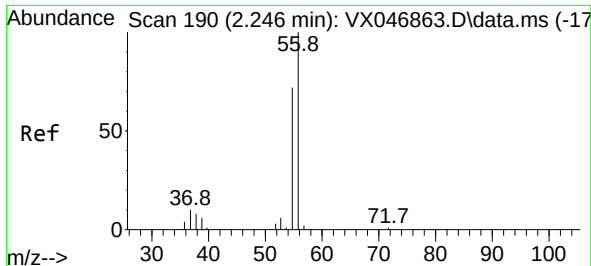
Ion Ratio Lower Upper

96 100

61 158.6 130.2 195.4

98 63.9 51.3 76.9

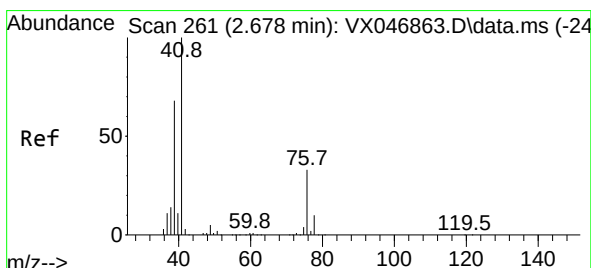
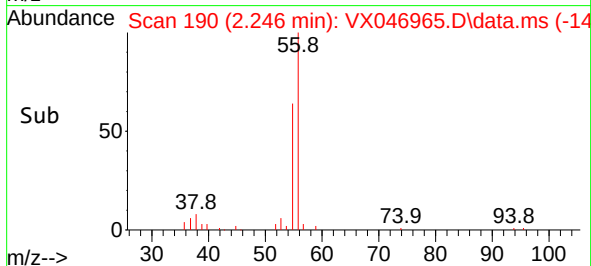
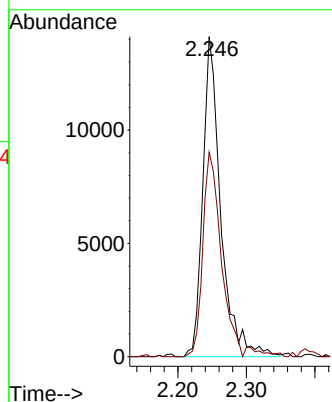
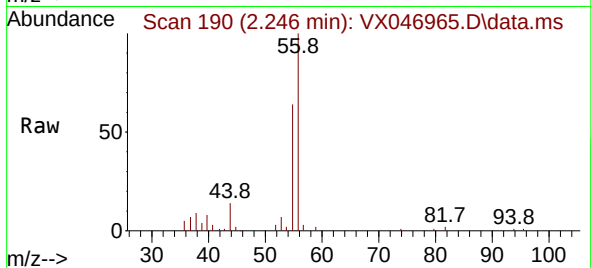




#13
Acrolein
Concen: 93.623 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

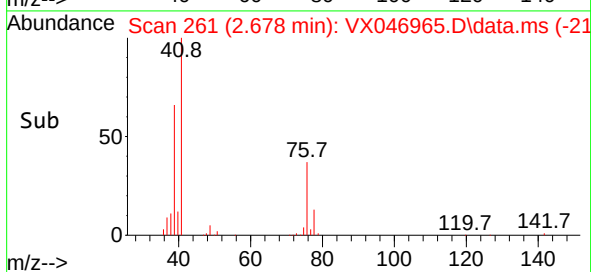
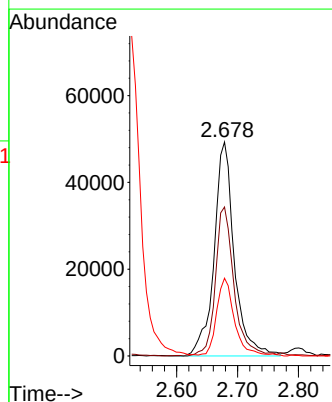
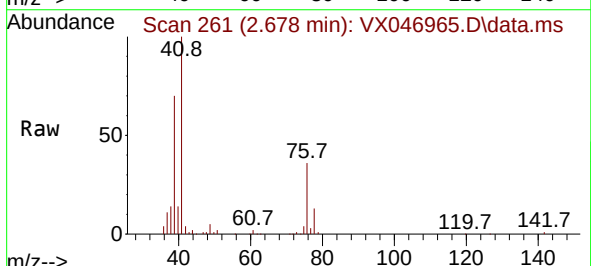
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

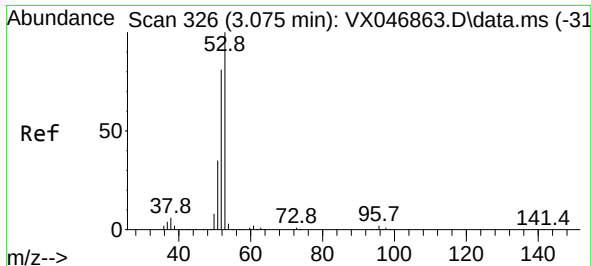
Tgt Ion: 56 Resp: 25729
Ion Ratio Lower Upper
56 100
55 64.5 55.5 83.3



#14
Allyl chloride
Concen: 20.141 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 41 Resp: 113787
Ion Ratio Lower Upper
41 100
39 64.1 52.0 78.0
76 32.3 26.2 39.2

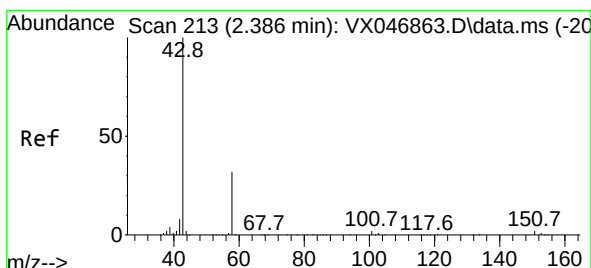
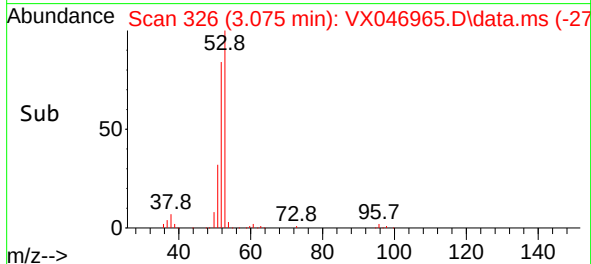
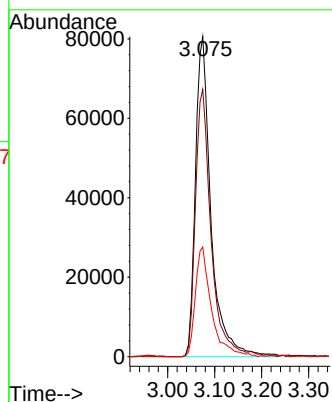
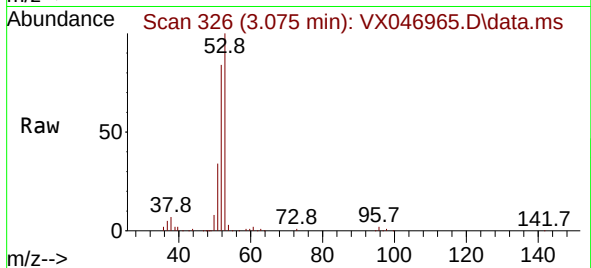




#15
Acrylonitrile
Concen: 127.254 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

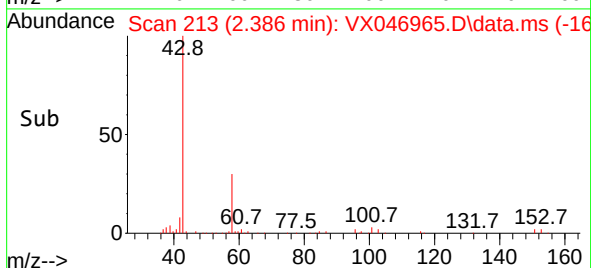
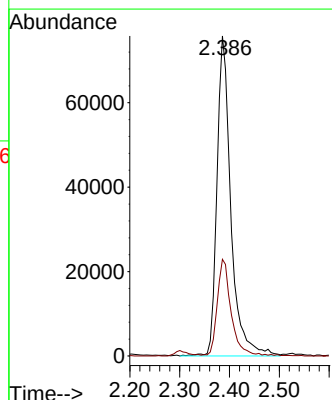
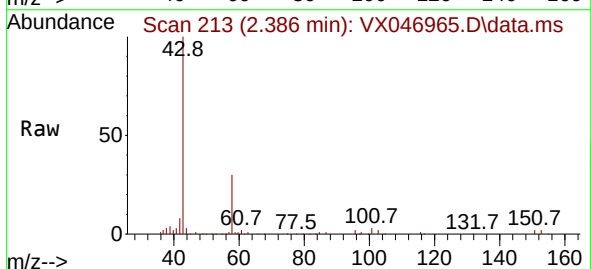
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

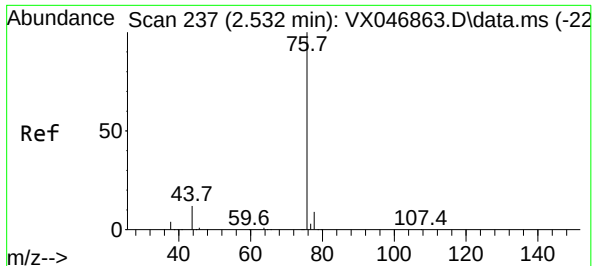
Tgt Ion: 53 Resp: 186550
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 35.4 28.6 43.0



#16
Acetone
Concen: 122.060 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 43 Resp: 146579
Ion Ratio Lower Upper
43 100
58 30.1 25.8 38.6

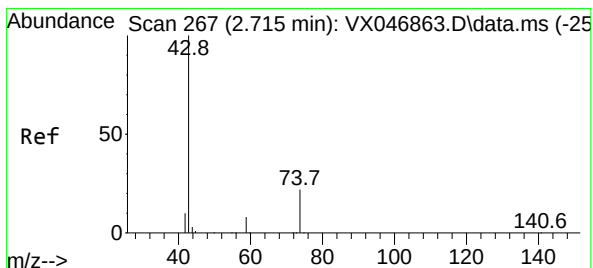
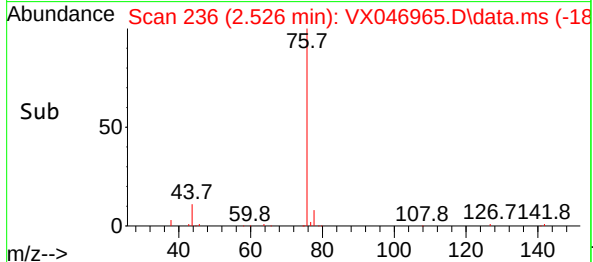
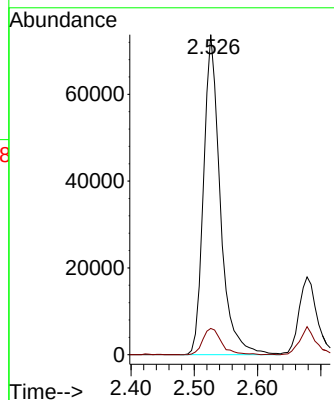
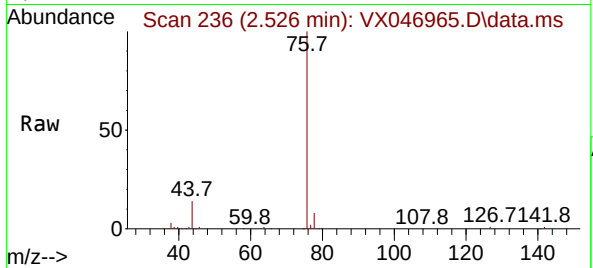




#17
Carbon Disulfide
Concen: 16.269 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

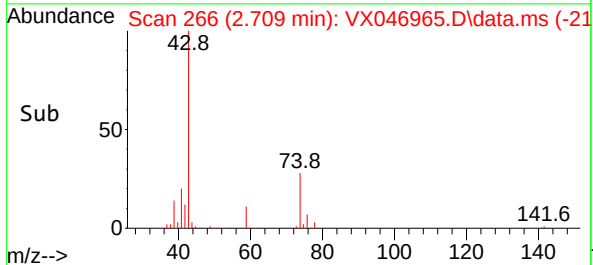
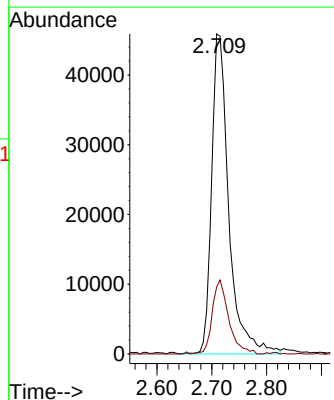
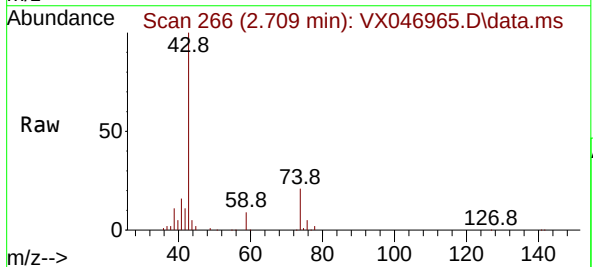
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

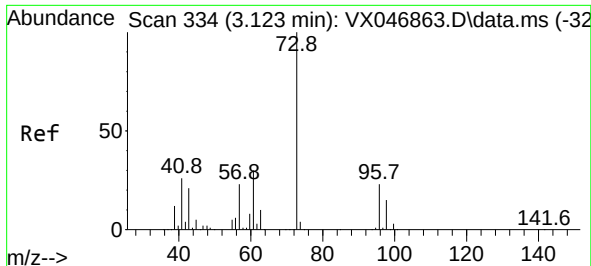
Tgt Ion: 76 Resp: 135393
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 31.431 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 43 Resp: 99485
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5

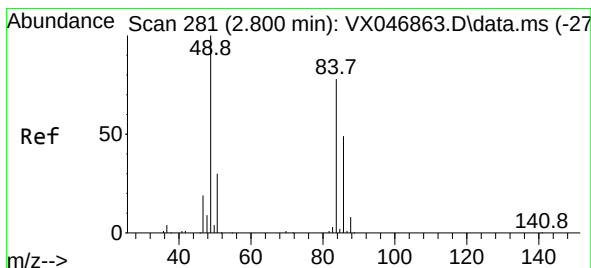
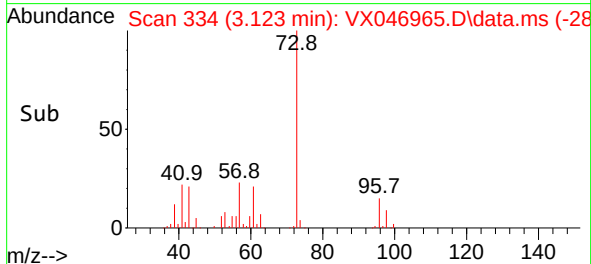
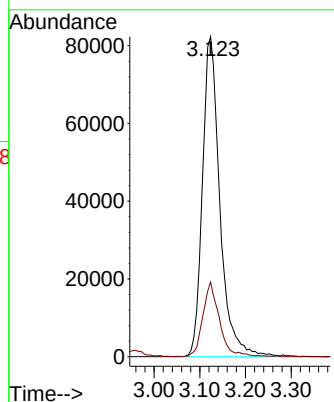
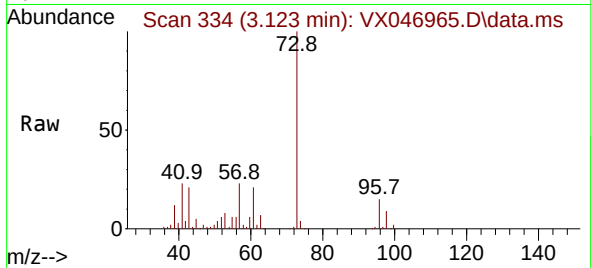




#19
Methyl tert-butyl Ether
Concen: 24.327 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

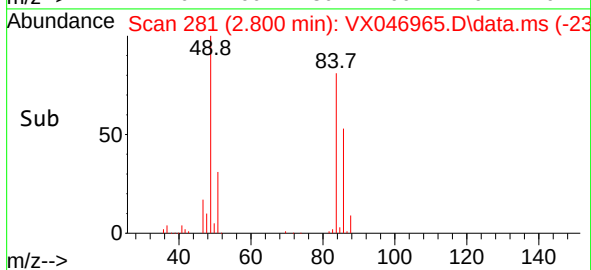
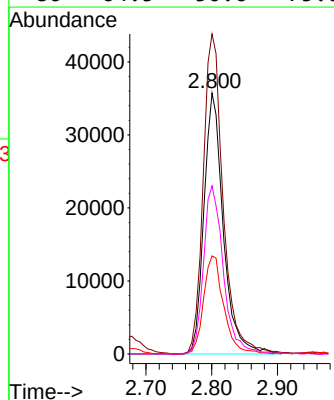
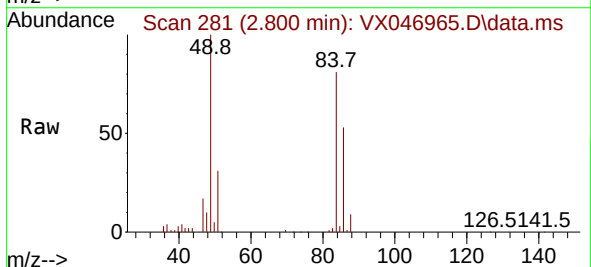
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

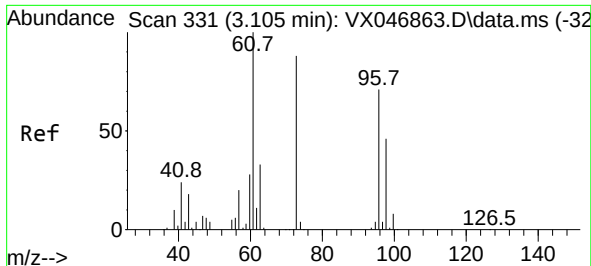
Tgt Ion: 73 Resp: 218001
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 20.605 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 84 Resp: 73168
Ion Ratio Lower Upper
84 100
49 122.7 102.8 154.2
51 37.6 31.1 46.7
86 64.5 50.6 75.8

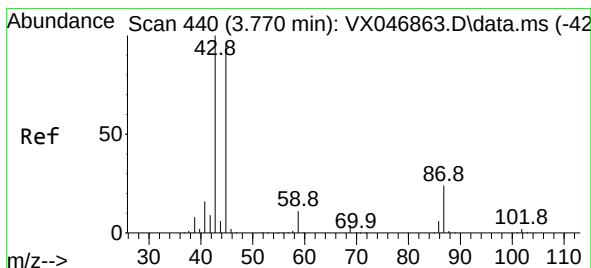
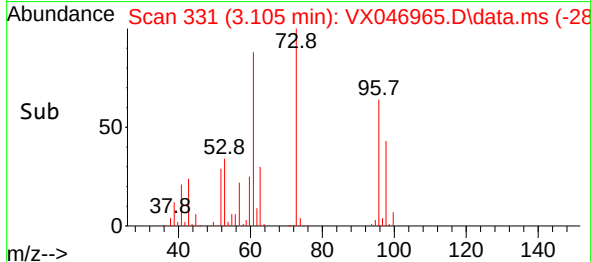
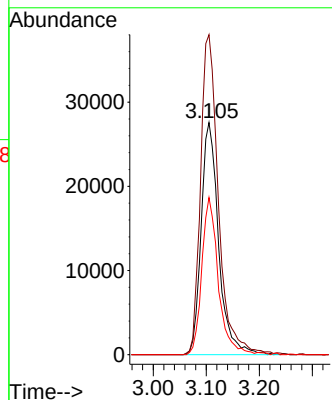
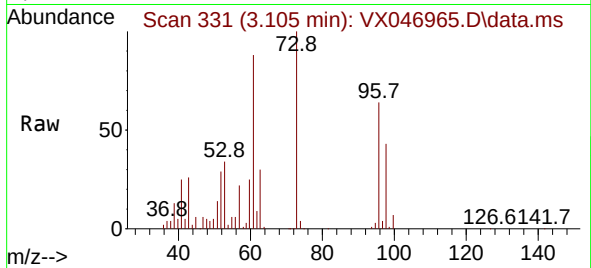




#21
trans-1,2-Dichloroethene
Concen: 19.477 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

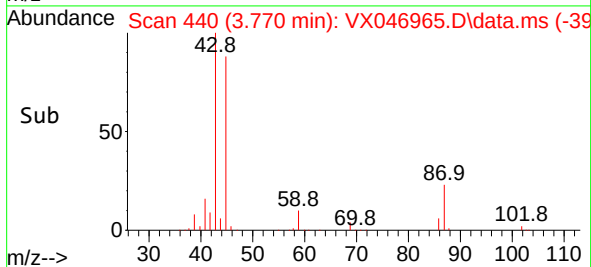
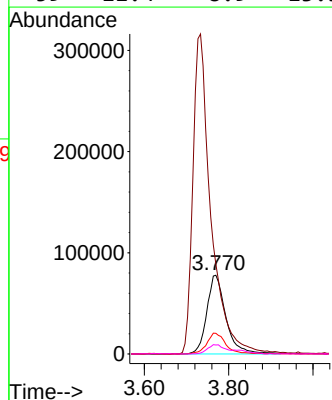
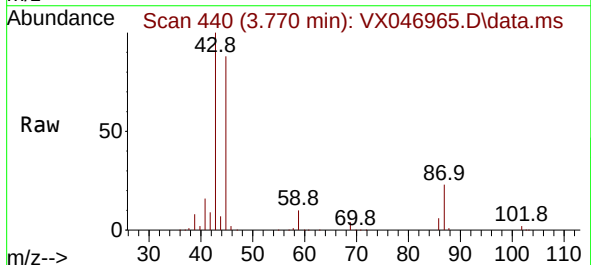
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

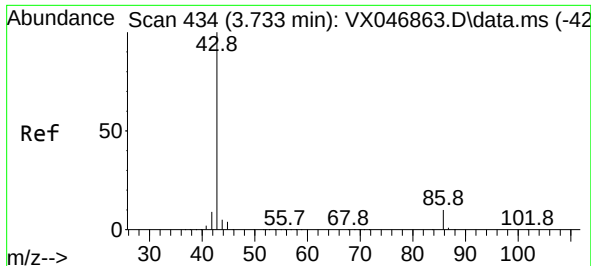
Tgt Ion: 96 Resp: 63243
Ion Ratio Lower Upper
96 100
61 137.9 113.4 170.2
98 69.9 51.8 77.6



#22
Diisopropyl ether
Concen: 22.434 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 45 Resp: 244861
Ion Ratio Lower Upper
45 100
43 113.6 84.2 126.4
87 26.3 20.3 30.5
59 11.4 8.9 13.3

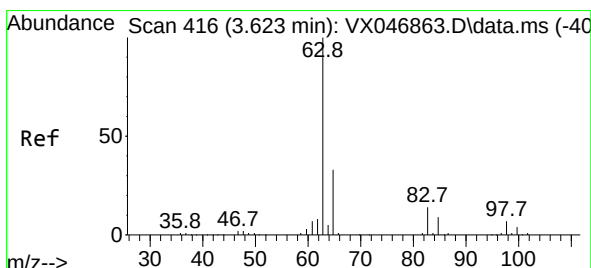
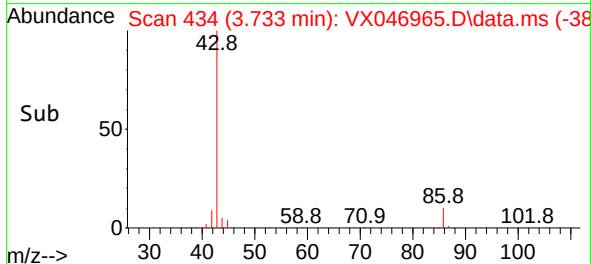
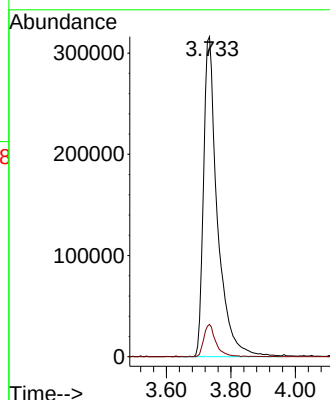
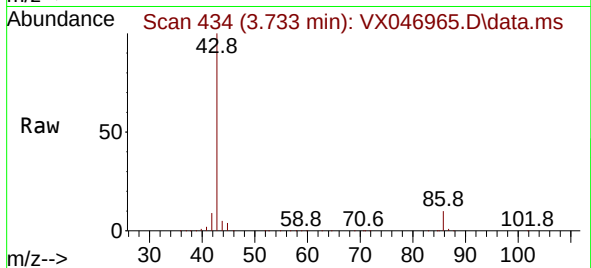




#23
 Vinyl Acetate
 Concen: 115.947 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

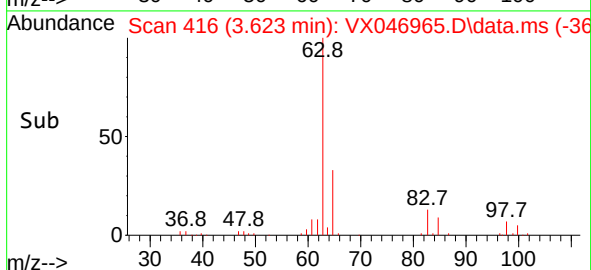
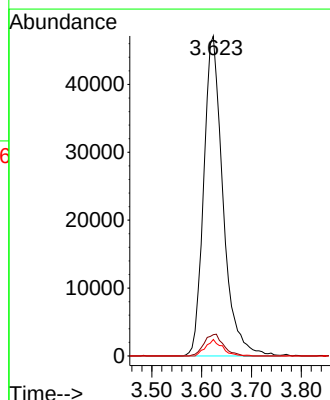
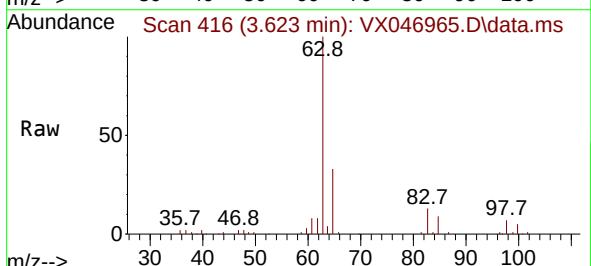
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBSD01

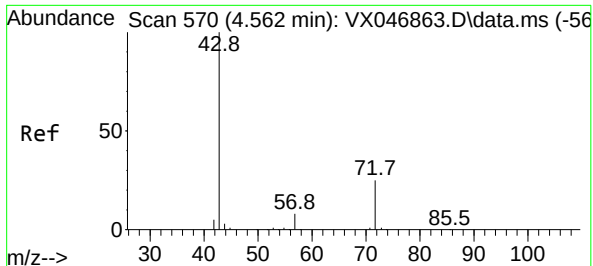
Tgt Ion: 43 Resp: 948113
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 20.336 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

Tgt Ion: 63 Resp: 126590
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 5.2 2.3 6.9

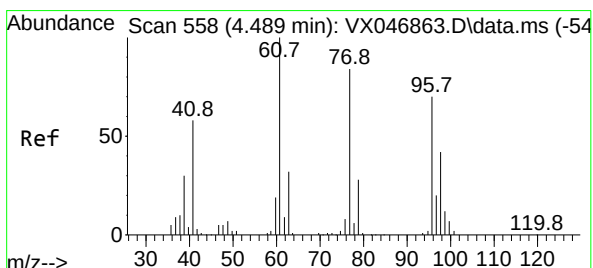
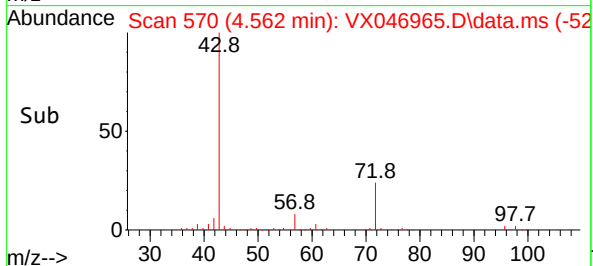
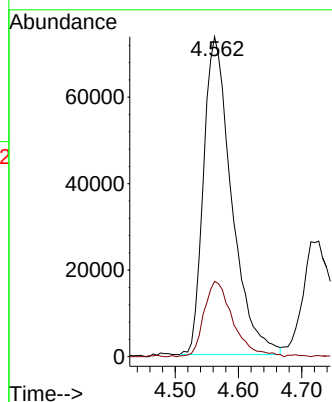
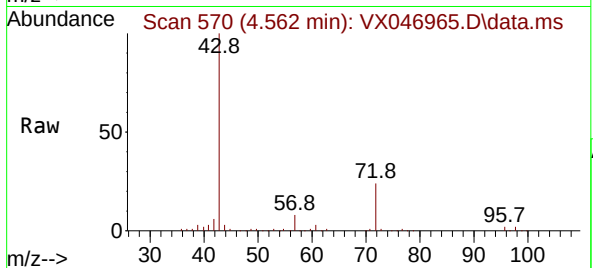




#25
2-Butanone
Concen: 141.632 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

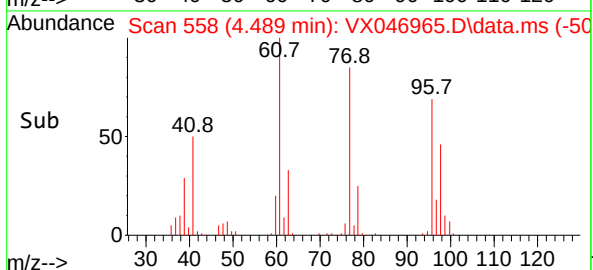
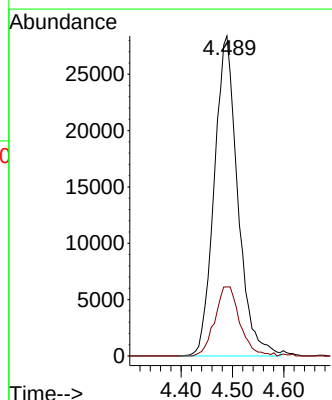
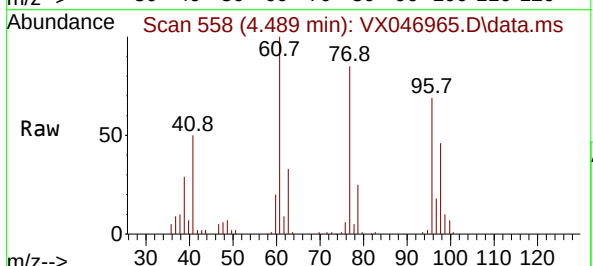
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

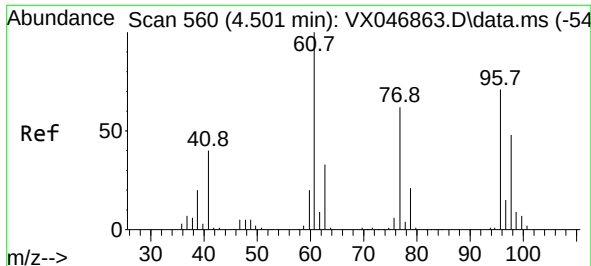
Tgt Ion: 43 Resp: 226921
Ion Ratio Lower Upper
43 100
72 23.6 20.0 30.0



#26
2,2-Dichloropropane
Concen: 19.490 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 77 Resp: 90291
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.245 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

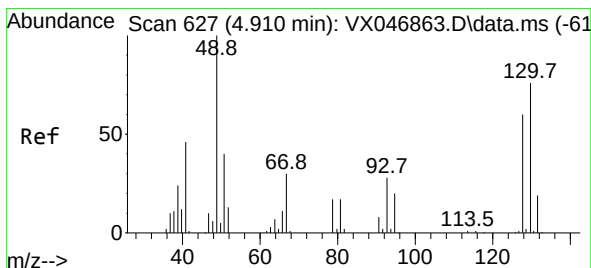
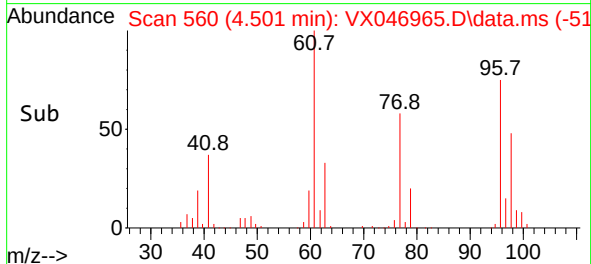
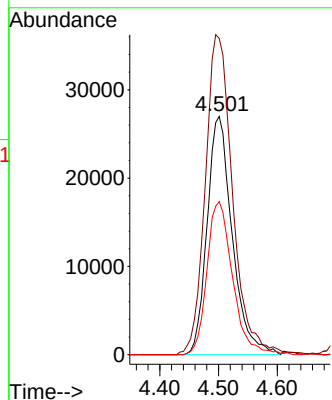
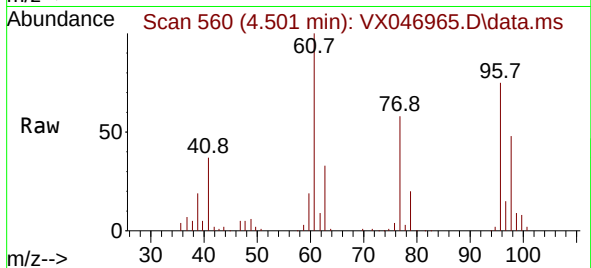
Tgt Ion: 96 Resp: 80259

Ion Ratio Lower Upper

96 100

61 146.0 0.0 288.6

98 65.5 0.0 128.8



#28

Bromochloromethane

Concen: 21.724 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

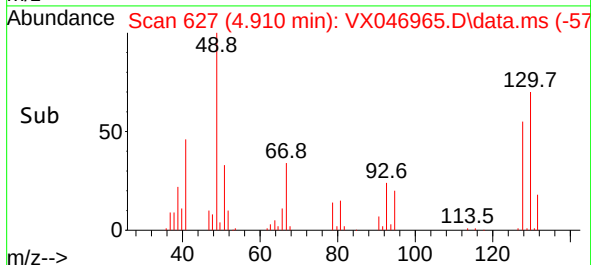
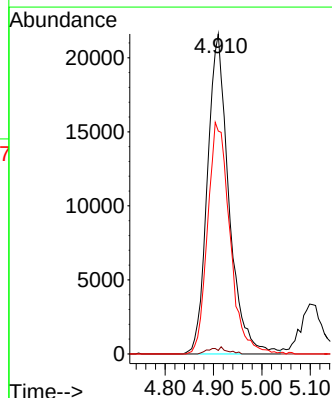
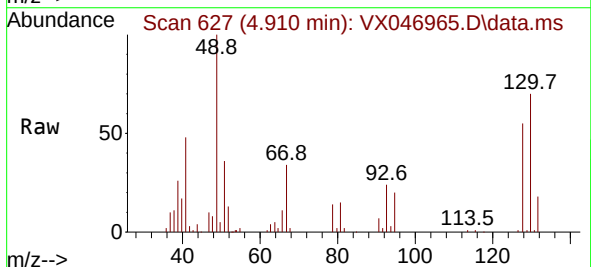
Tgt Ion: 49 Resp: 66739

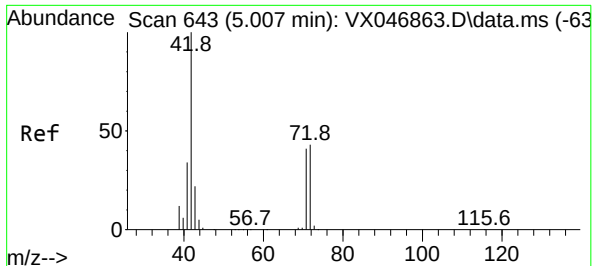
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.2

130 75.2 61.7 92.5





#29

Tetrahydrofuran

Concen: 141.217 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

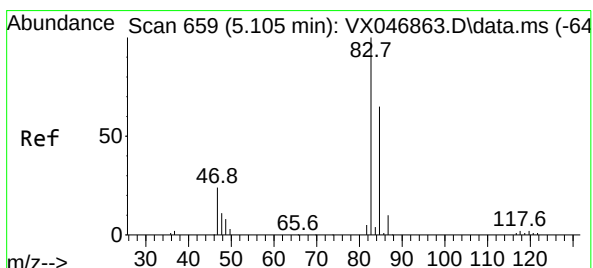
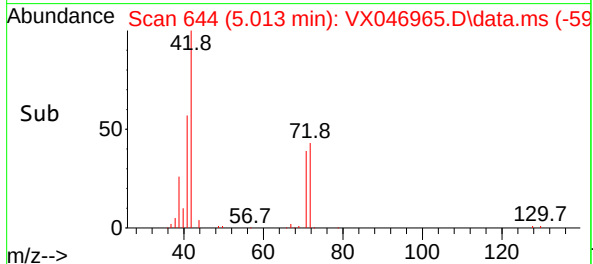
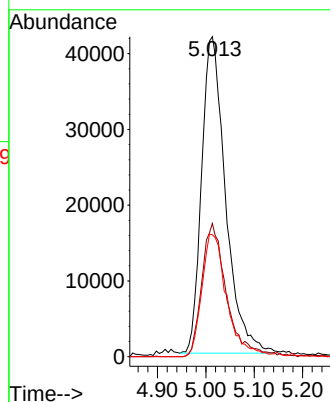
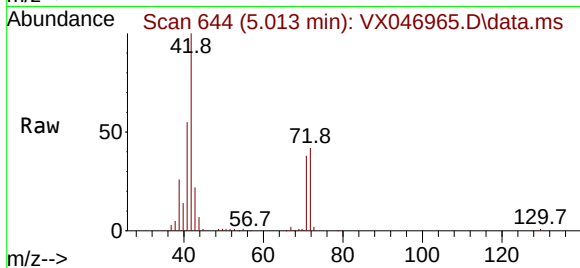
Tgt Ion: 42 Resp: 144230

Ion Ratio Lower Upper

42 100

72 43.5 35.1 52.7

71 40.1 31.9 47.9



#30

Chloroform

Concen: 21.146 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX046965.D

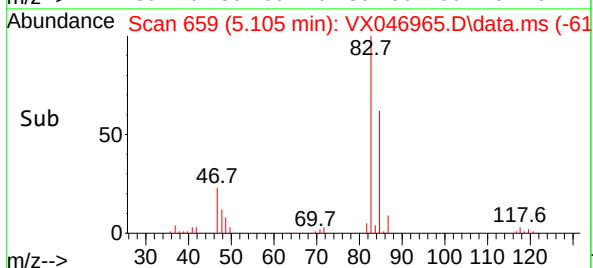
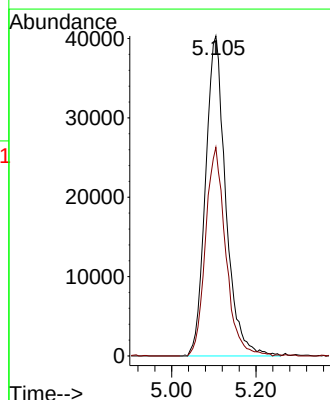
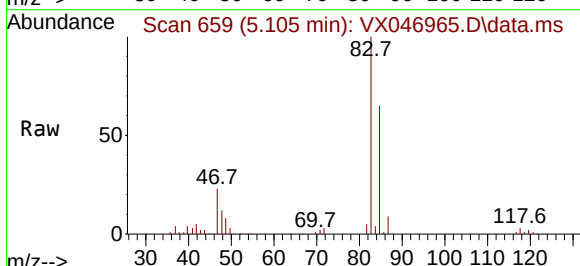
Acq: 14 Jul 2025 12:06

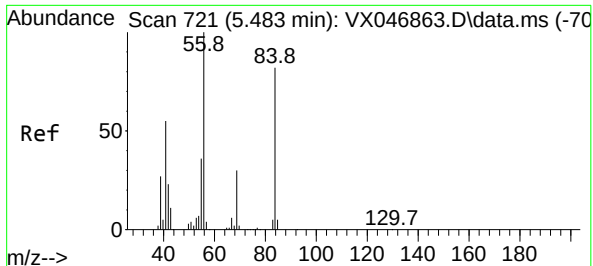
Tgt Ion: 83 Resp: 134480

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

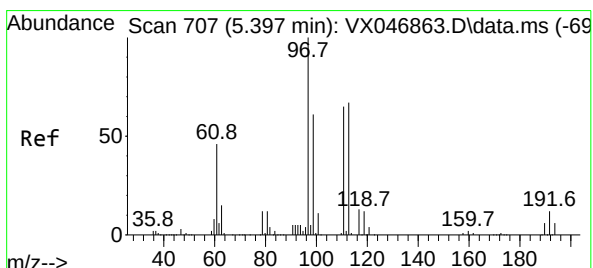
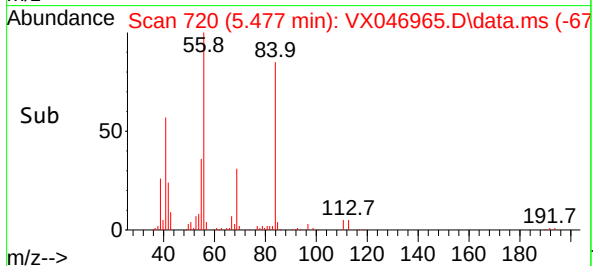
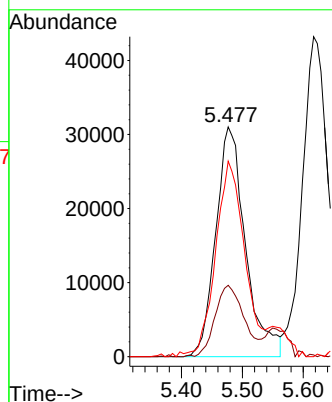
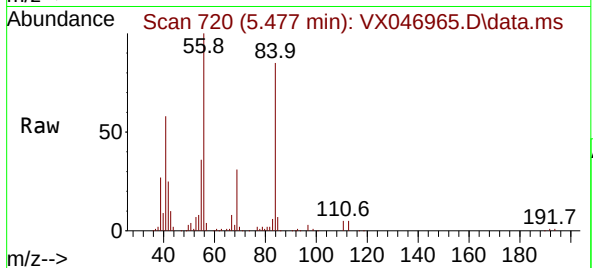




#31
Cyclohexane
Concen: 19.004 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

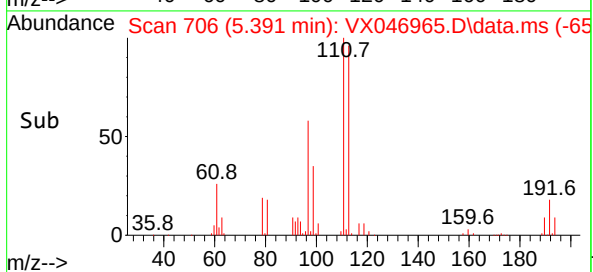
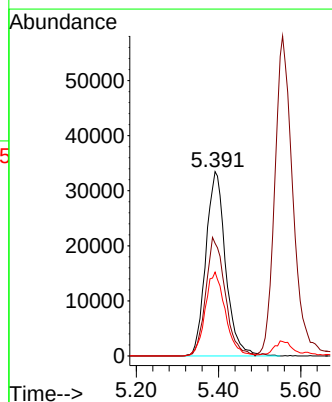
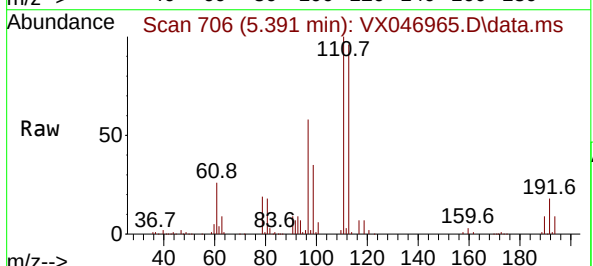
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

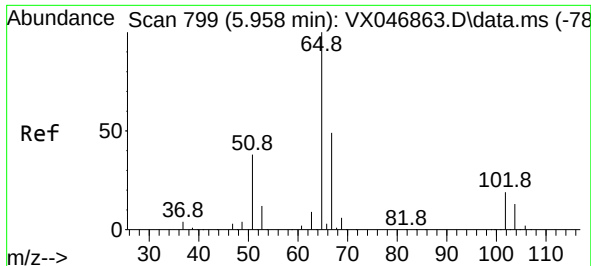
Tgt Ion: 56 Resp: 105020
Ion Ratio Lower Upper
56 100
69 31.1 24.0 36.0
84 83.0 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 21.059 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 97 Resp: 111887
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 46.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.470 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

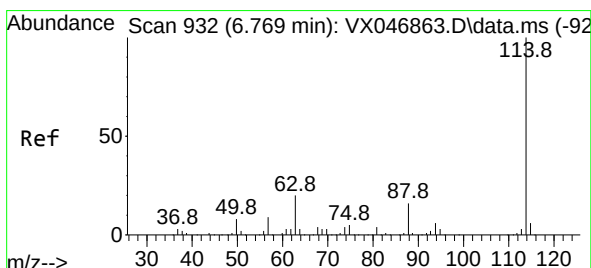
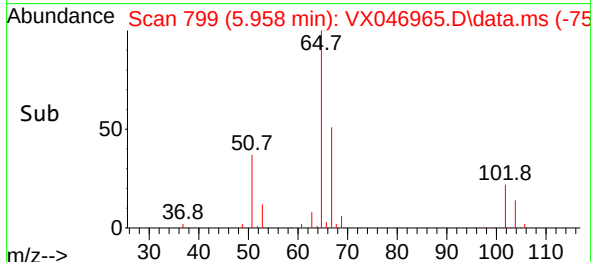
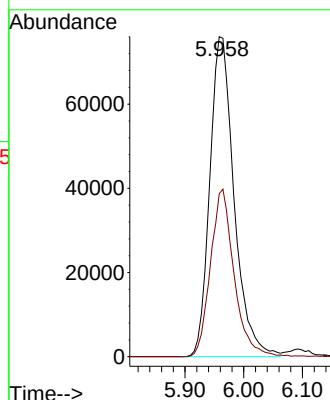
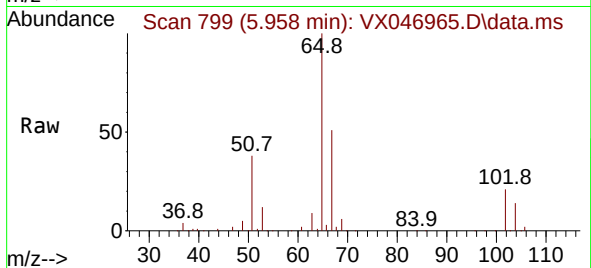
VX0714MBSD01

Tgt Ion: 65 Resp: 218316

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

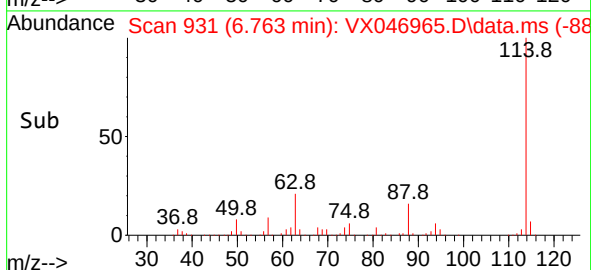
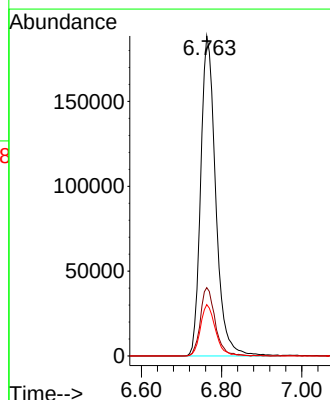
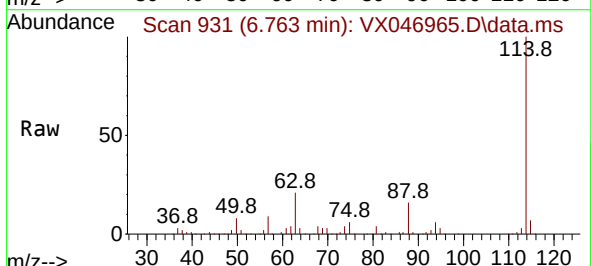
Tgt Ion: 114 Resp: 490750

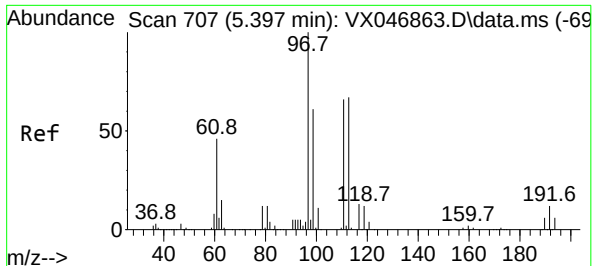
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.4

88 16.1 0.0 31.0

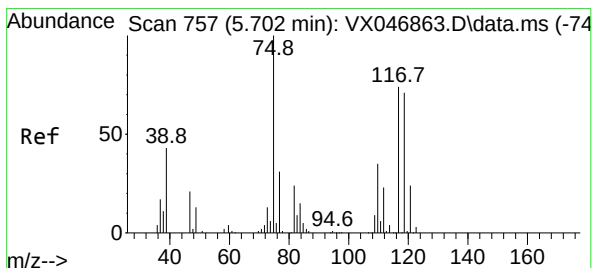
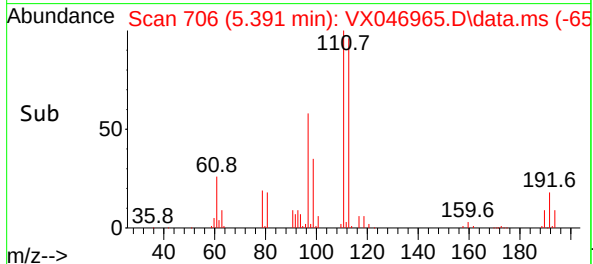
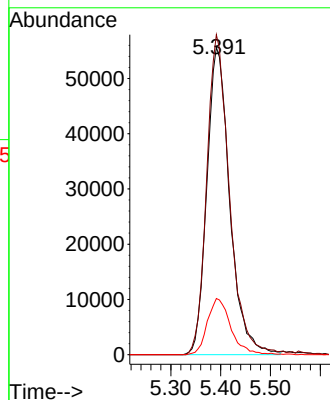
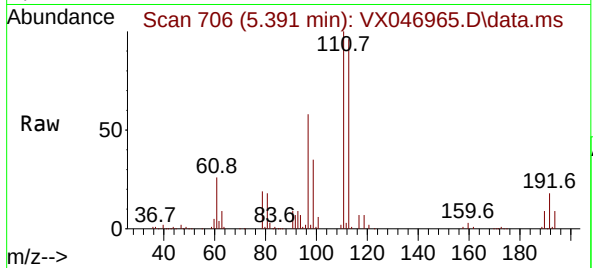




#35
Dibromofluoromethane
Concen: 53.302 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

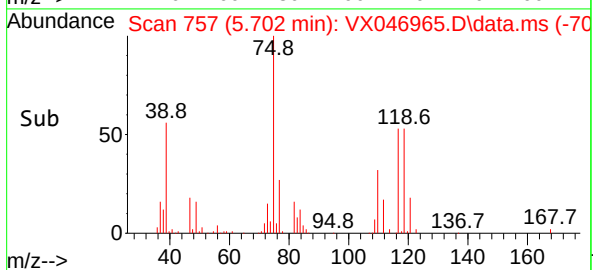
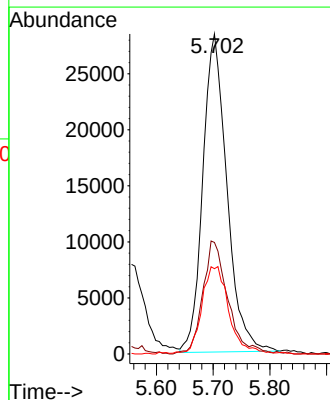
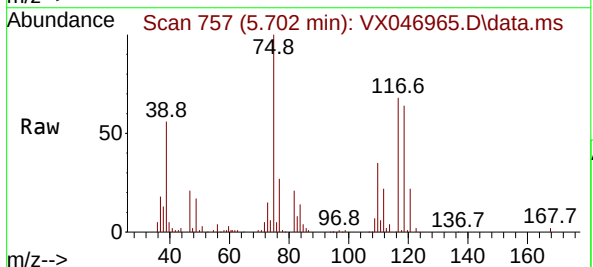
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

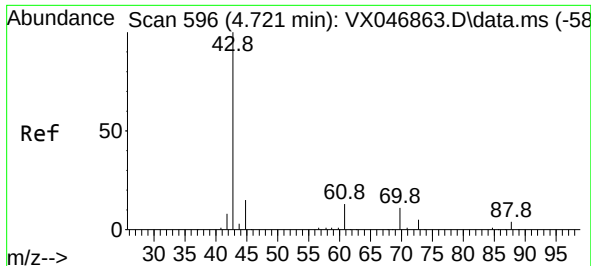
Tgt Ion:113 Resp: 177562
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 18.674 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 75 Resp: 83933
Ion Ratio Lower Upper
75 100
110 36.7 17.3 51.9
77 29.9 24.2 36.4





#37

Ethyl Acetate

Concen: 23.679 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

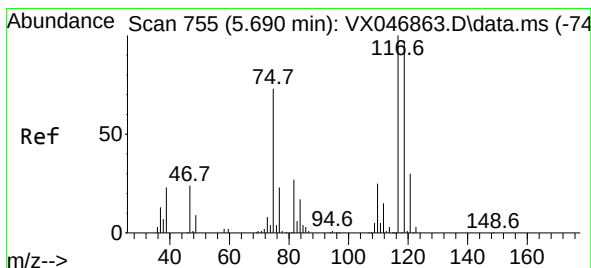
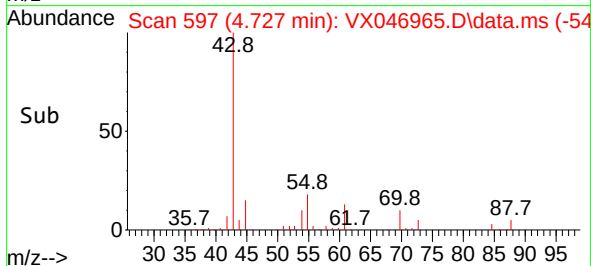
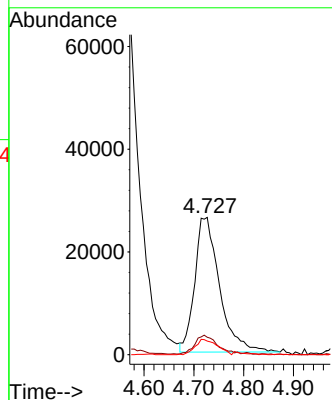
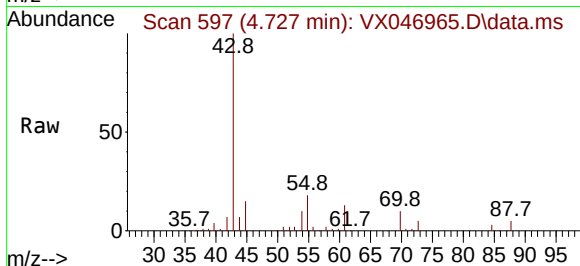
Tgt Ion: 43 Resp: 90644

Ion Ratio Lower Upper

43 100

61 12.6 9.7 14.5

70 10.0 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.672 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

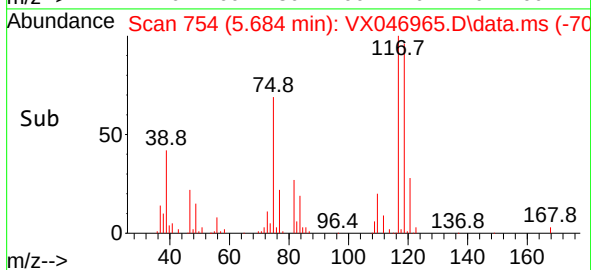
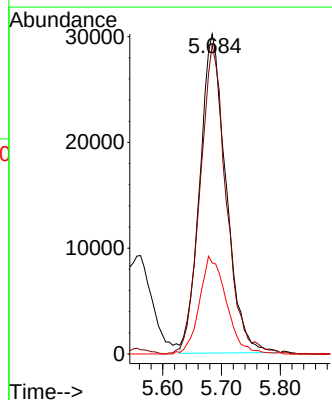
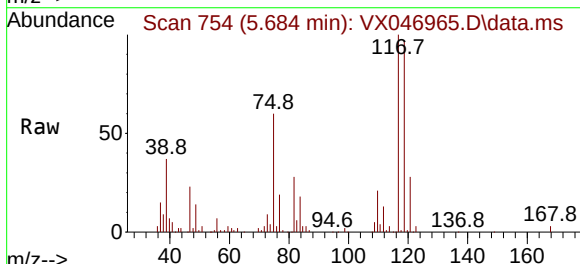
Tgt Ion: 117 Resp: 93478

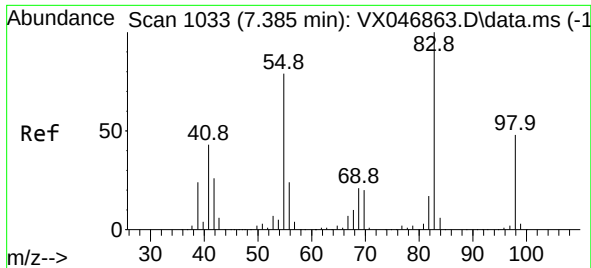
Ion Ratio Lower Upper

117 100

119 96.6 76.6 114.8

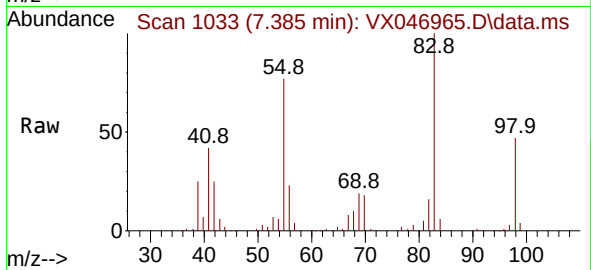
121 28.2 24.1 36.1



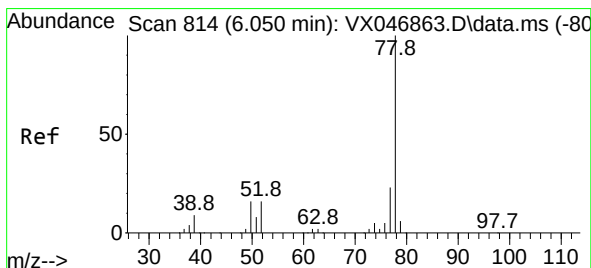
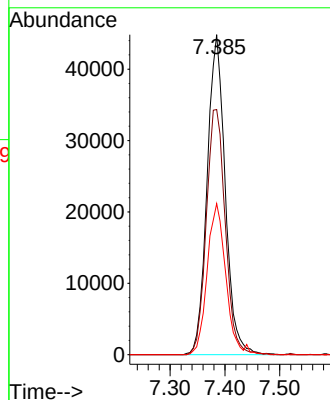
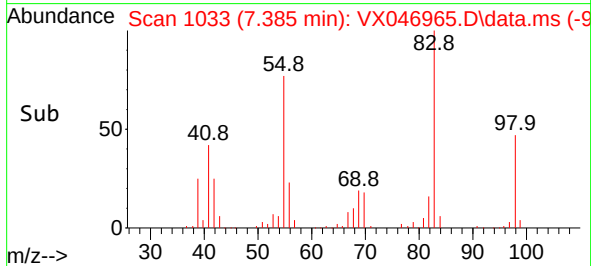


#39
Methylcyclohexane
Concen: 18.214 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

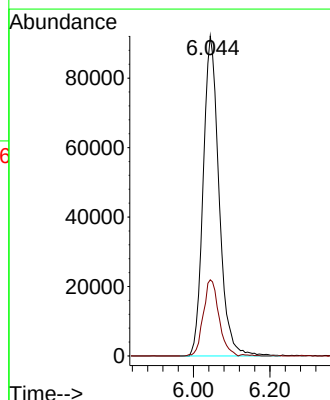
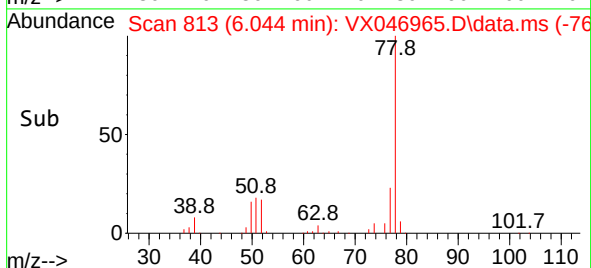
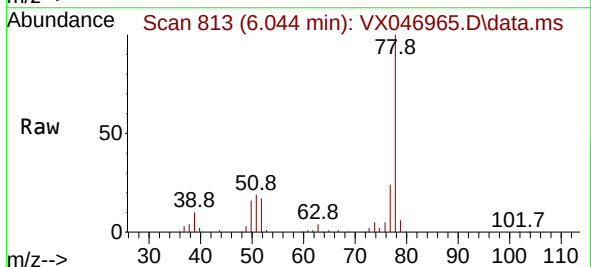


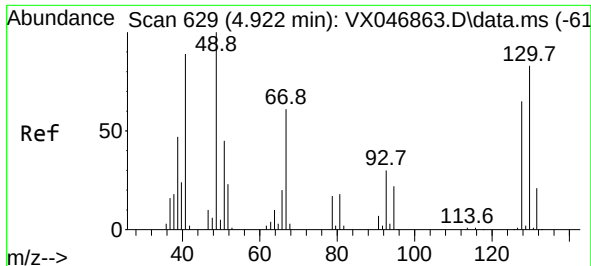
Tgt Ion: 83 Resp: 102405
Ion Ratio Lower Upper
83 100
55 76.6 63.0 94.4
98 47.2 38.5 57.7



#40
Benzene
Concen: 19.483 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 78 Resp: 264867
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

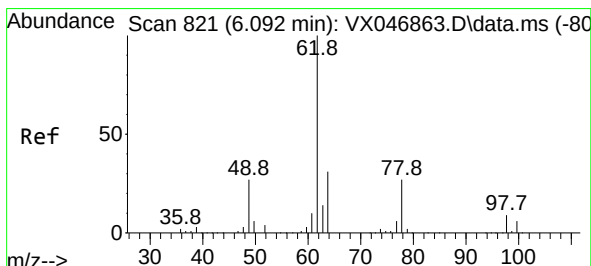
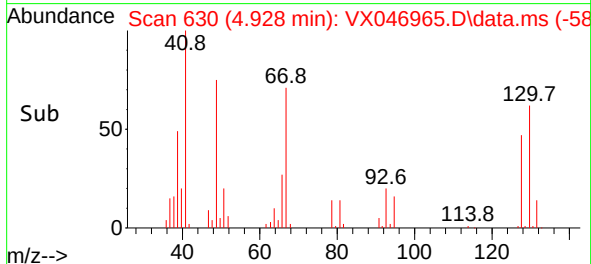
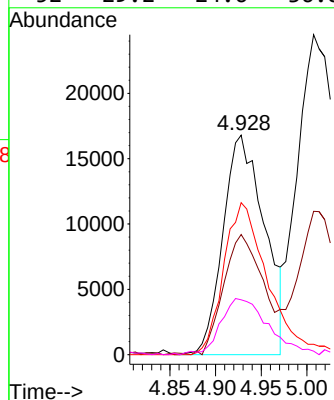
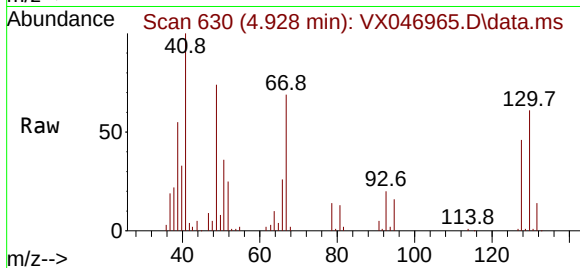




#41
Methacrylonitrile
Concen: 26.023 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

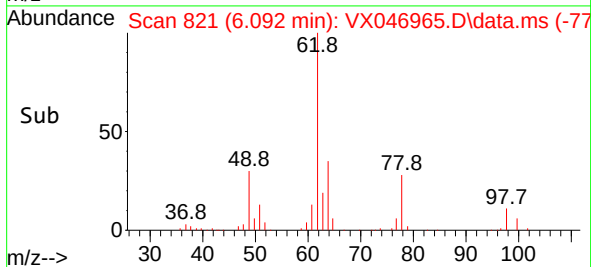
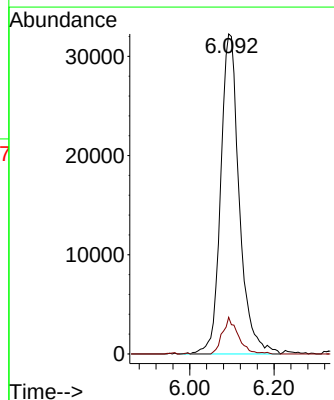
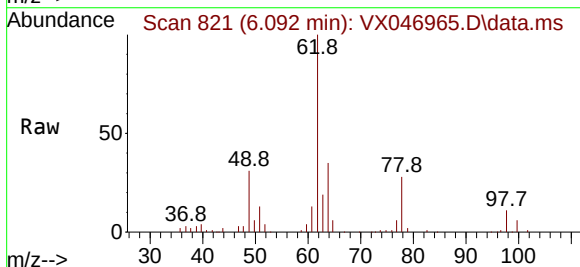
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

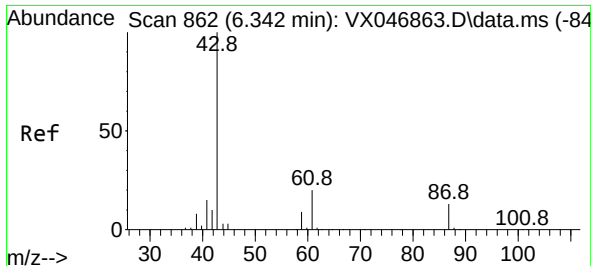
Tgt Ion:	41	Resp:	53141
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.0	64.4
67	73.3	60.2	90.2
52	29.2	24.6	36.8



#42
1,2-Dichloroethane
Concen: 21.345 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion:	62	Resp:	98532
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4

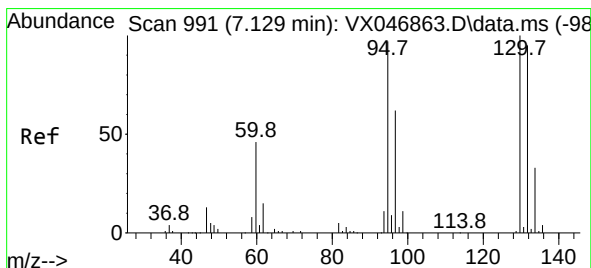
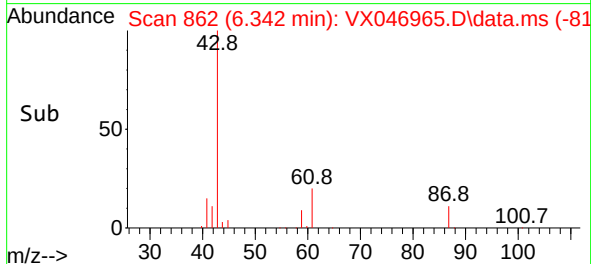
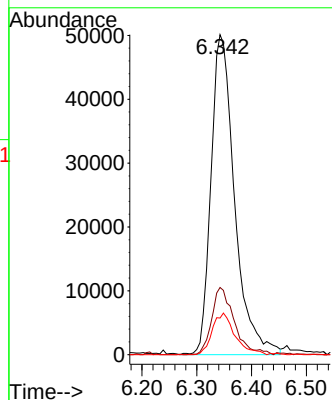
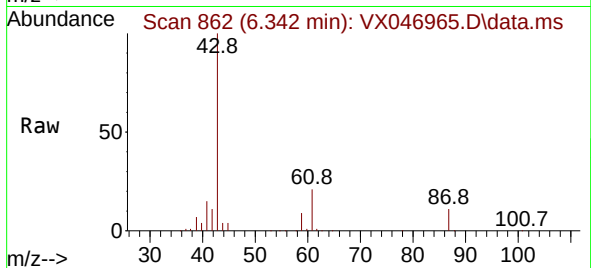




#43
Isopropyl Acetate
Concen: 25.541 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

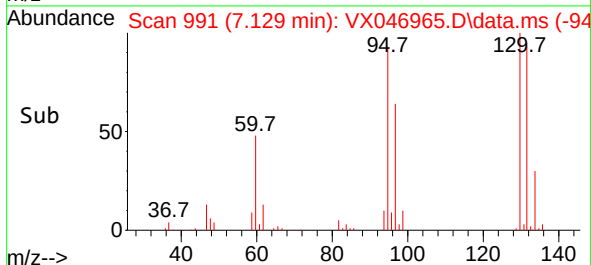
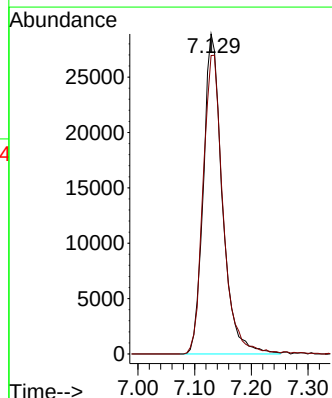
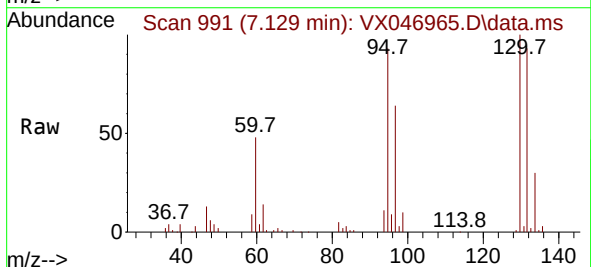
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

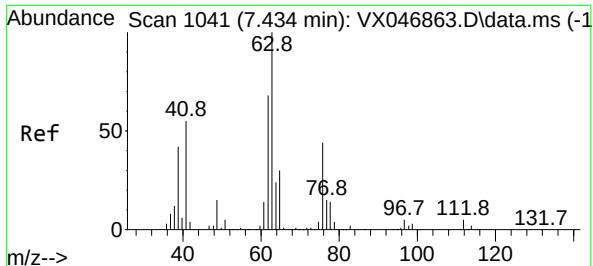
Tgt Ion: 43 Resp: 149757
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 12.5 10.1 15.1



#44
Trichloroethene
Concen: 18.945 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion:130 Resp: 67042
Ion Ratio Lower Upper
130 100
95 93.3 0.0 194.2

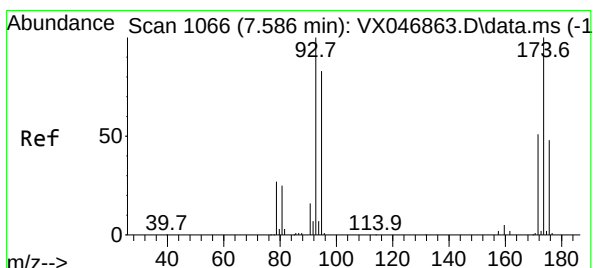
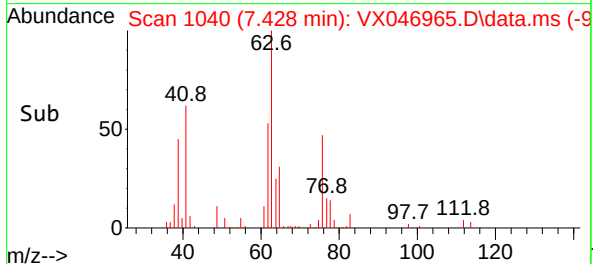
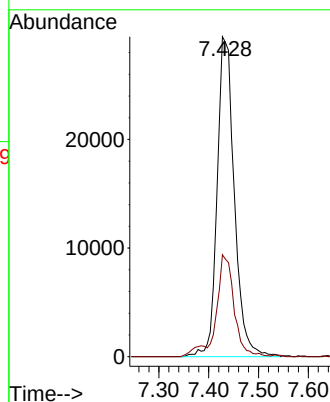
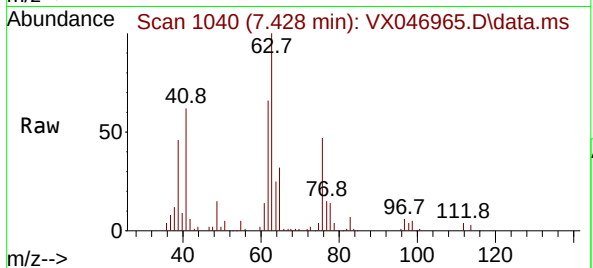




#45
1,2-Dichloropropane
Concen: 20.577 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

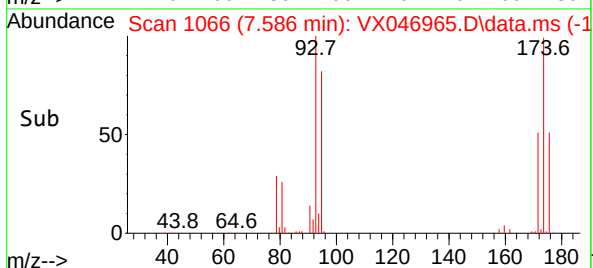
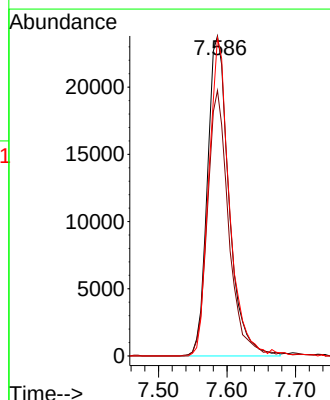
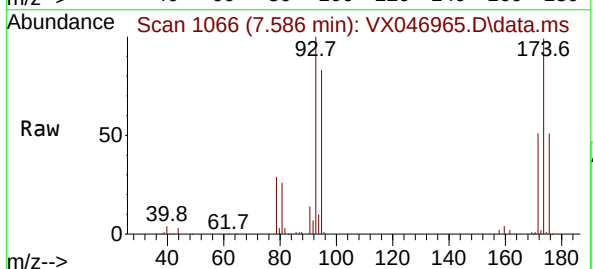
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

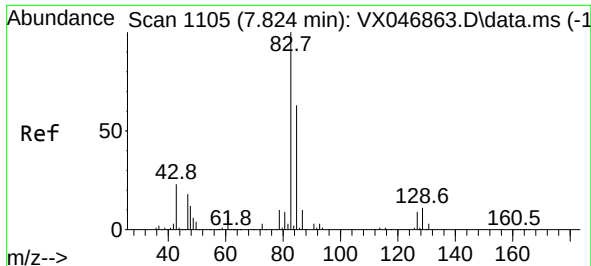
Tgt Ion: 63 Resp: 70676
Ion Ratio Lower Upper
63 100
65 31.8 24.2 36.2



#46
Dibromomethane
Concen: 21.852 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 93 Resp: 52001
Ion Ratio Lower Upper
93 100
95 81.3 66.6 99.8
174 94.7 77.4 116.2

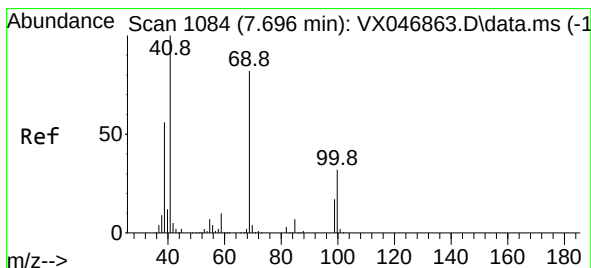
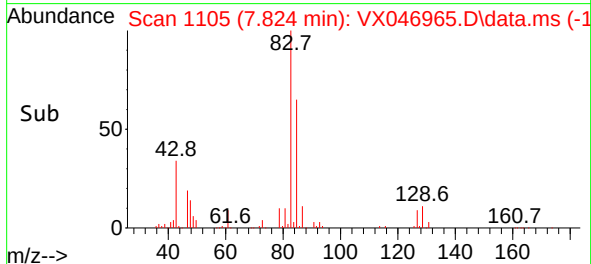
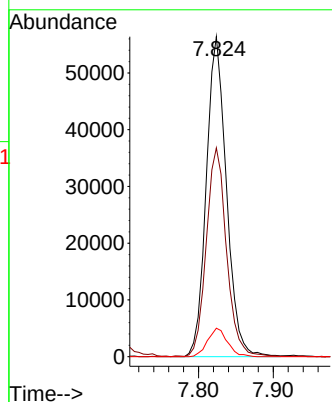
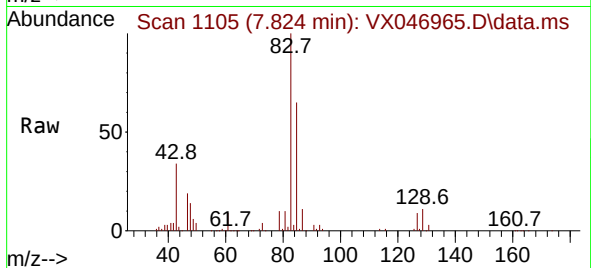




#47
Bromodichloromethane
Concen: 20.824 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

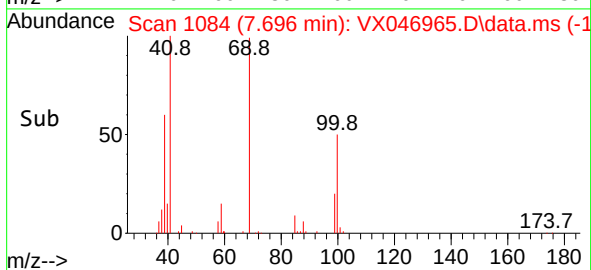
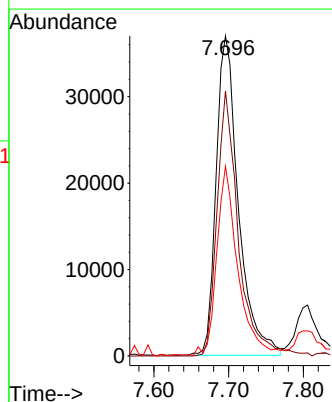
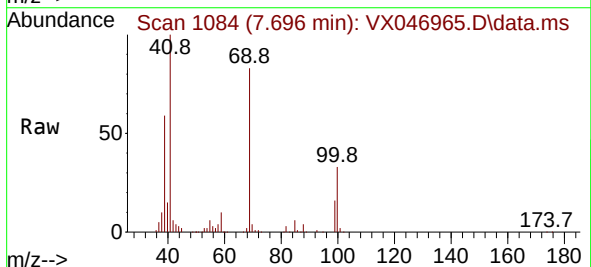
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

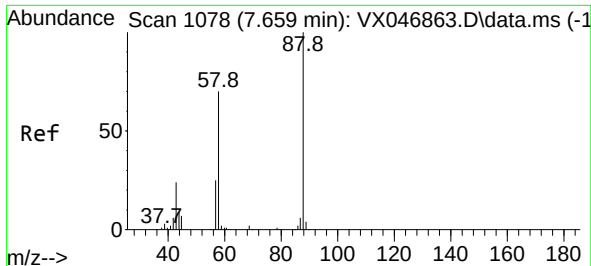
Tgt Ion: 83 Resp: 105815
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 25.339 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 41 Resp: 76717
Ion Ratio Lower Upper
41 100
69 79.5 65.8 98.8
39 55.2 43.8 65.6

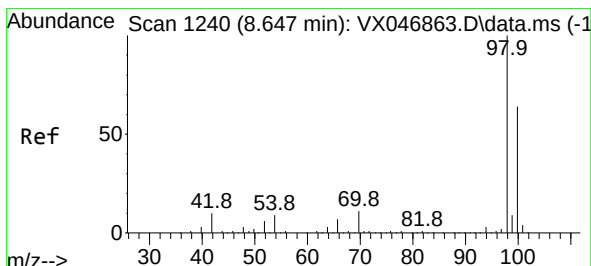
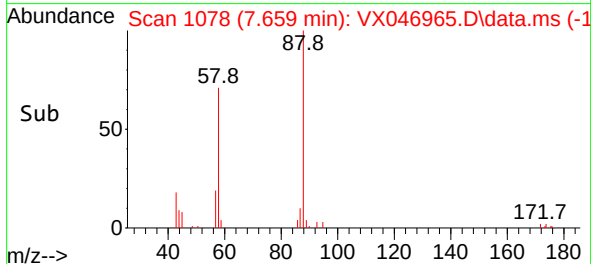
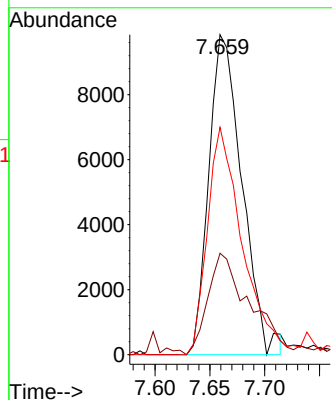
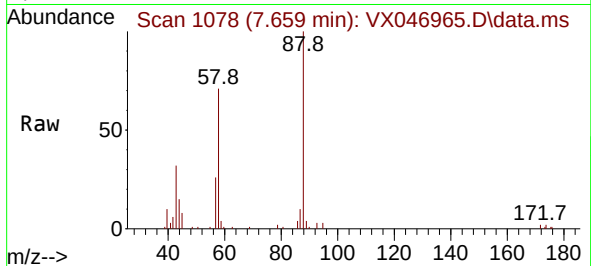




#49
1,4-Dioxane
Concen: 591.042 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

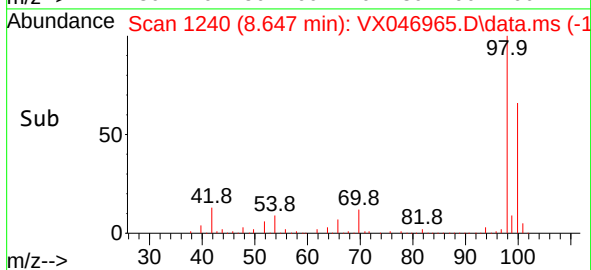
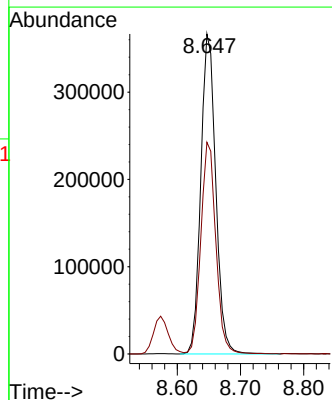
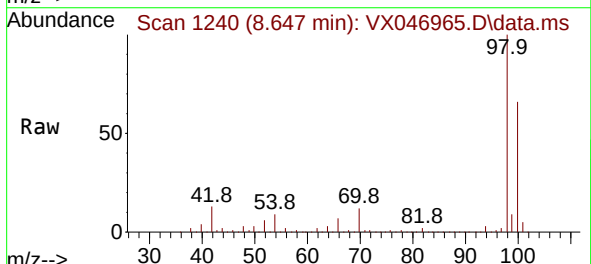
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

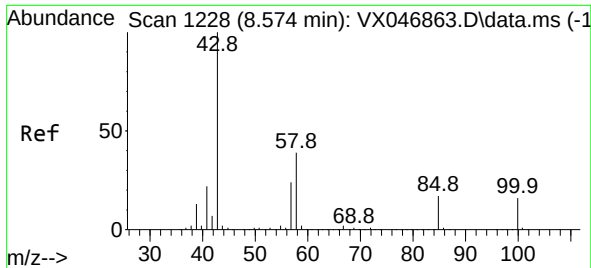
Tgt Ion: 88 Resp: 20734
Ion Ratio Lower Upper
88 100
43 39.7 31.7 47.5
58 74.2 57.5 86.3



#50
Toluene-d8
Concen: 51.338 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 98 Resp: 603393
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

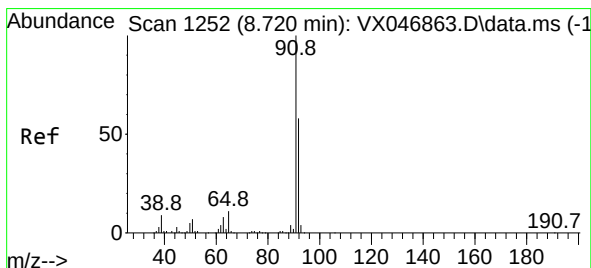
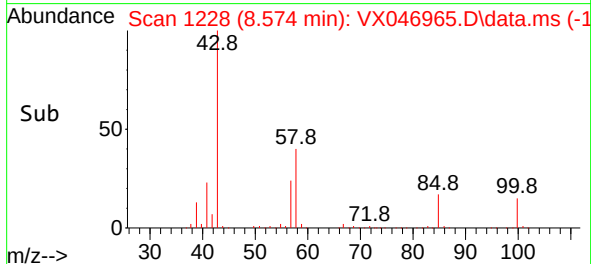
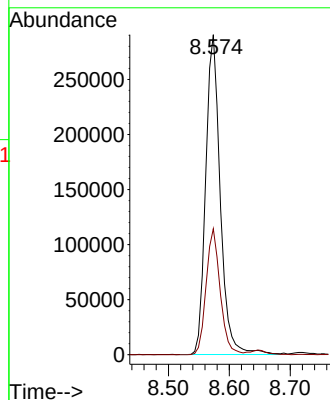
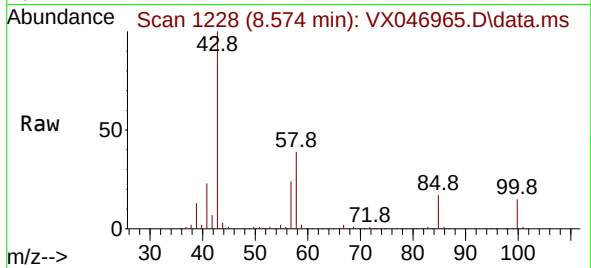




#51
4-Methyl-2-Pentanone
Concen: 140.095 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

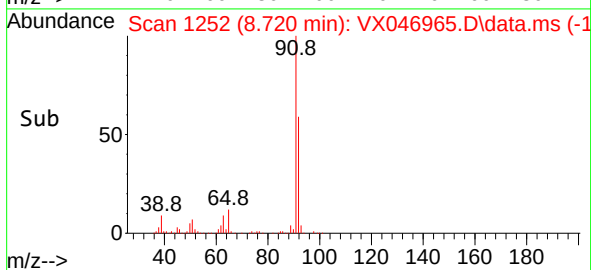
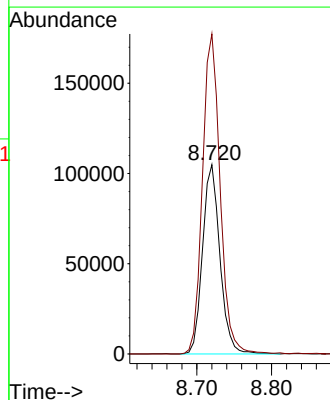
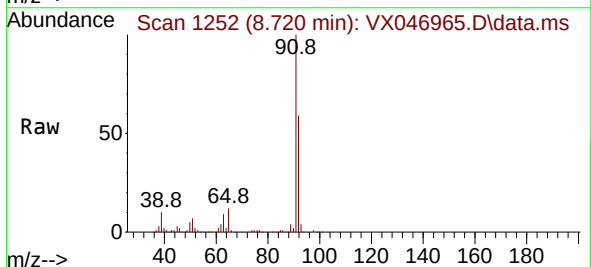
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

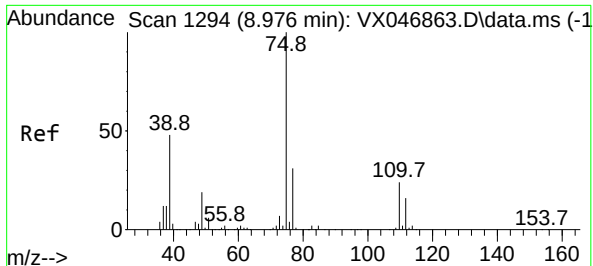
Tgt Ion: 43 Resp: 484792
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6



#52
Toluene
Concen: 20.079 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 92 Resp: 169146
Ion Ratio Lower Upper
92 100
91 171.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 21.558 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

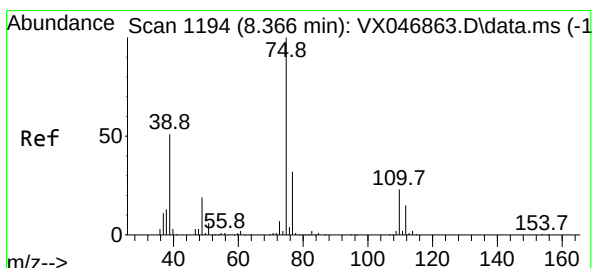
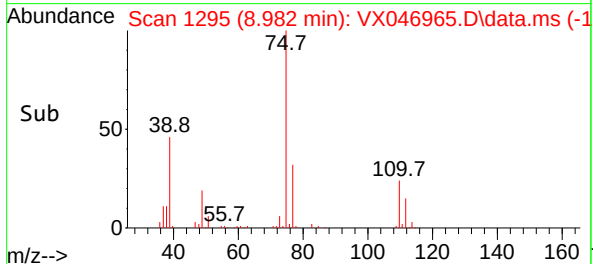
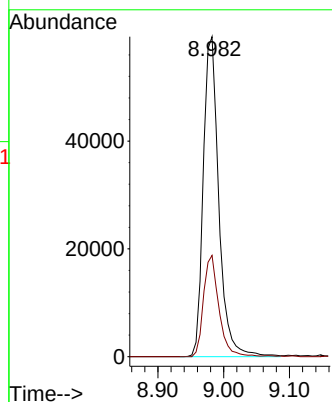
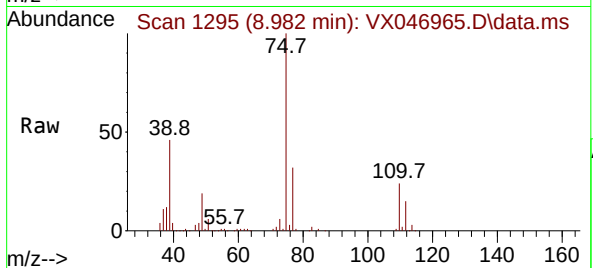
VX0714MBSD01

Tgt Ion: 75 Resp: 97762

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.918 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

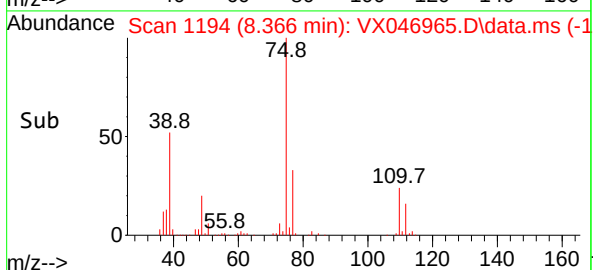
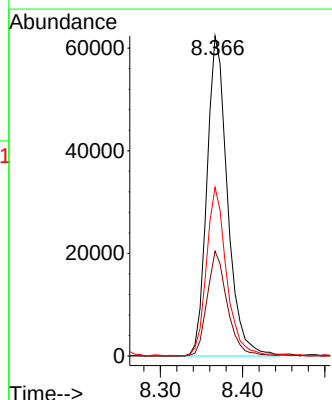
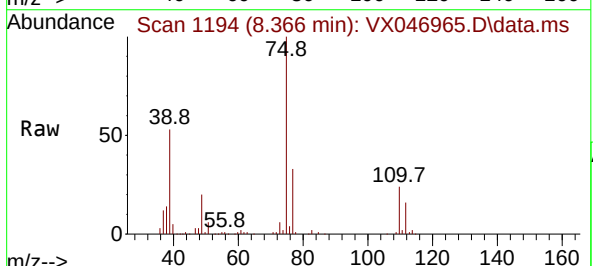
Tgt Ion: 75 Resp: 108278

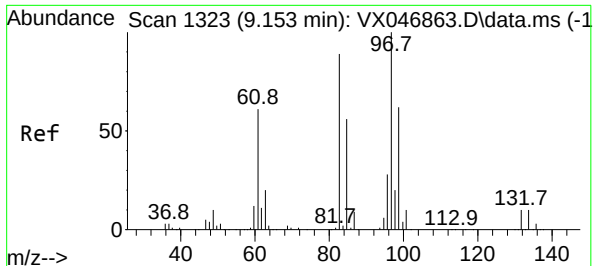
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

39 50.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 22.549 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

Tgt Ion: 97 Resp: 70752

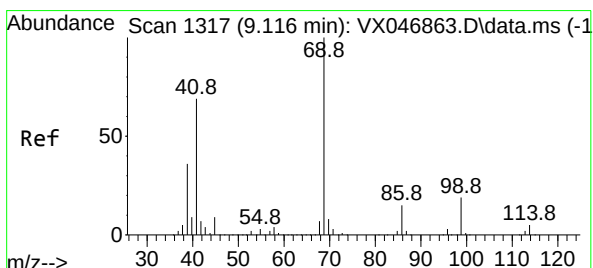
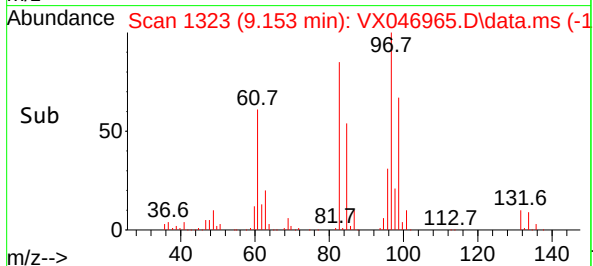
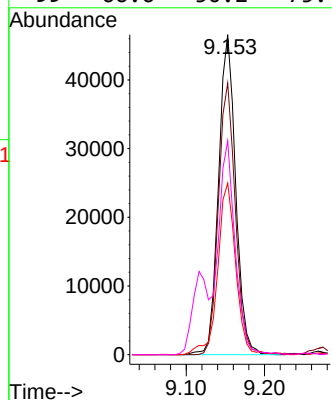
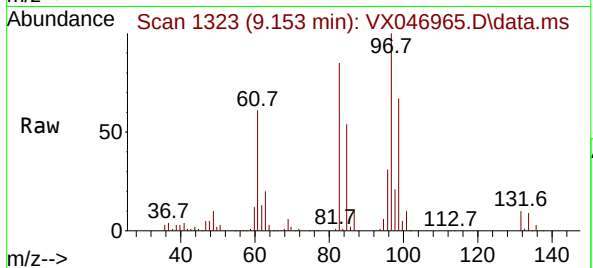
Ion Ratio Lower Upper

97 100

83 86.3 70.9 106.3

85 53.6 44.6 67.0

99 66.6 50.2 75.4



#56

Ethyl methacrylate

Concen: 24.180 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

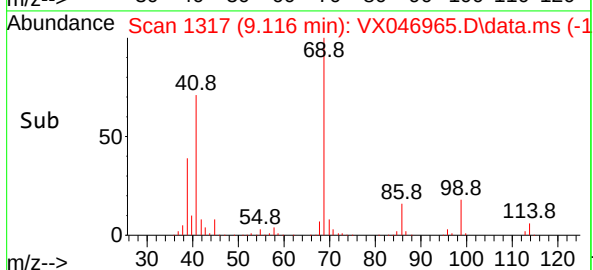
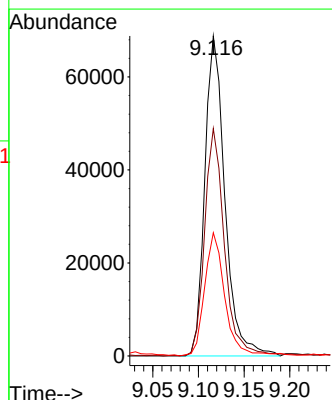
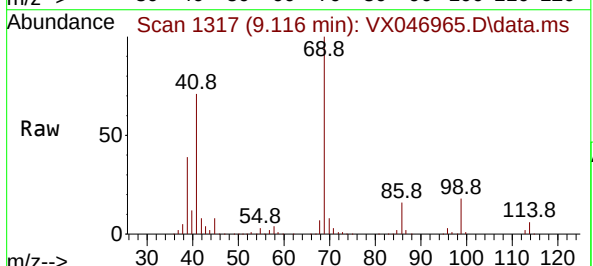
Tgt Ion: 69 Resp: 105011

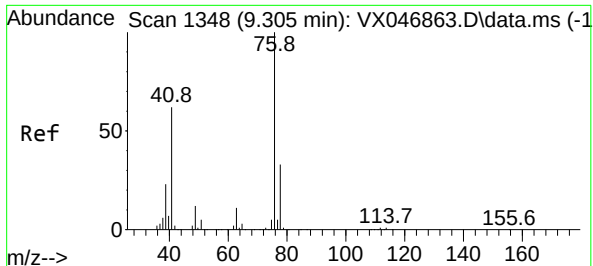
Ion Ratio Lower Upper

69 100

41 70.6 54.6 82.0

39 39.1 28.7 43.1





#57

1,3-Dichloropropane

Concen: 22.067 ug/l

RT: 9.305 min Scan# 119229

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

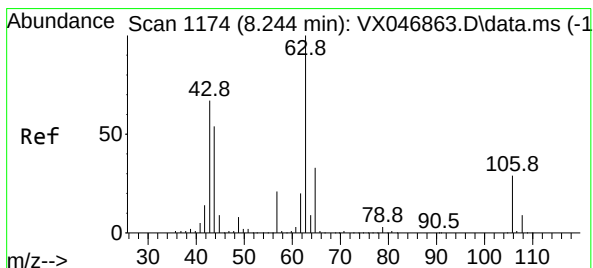
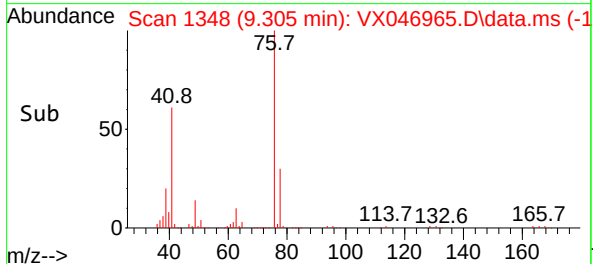
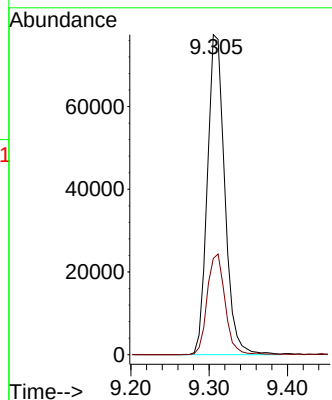
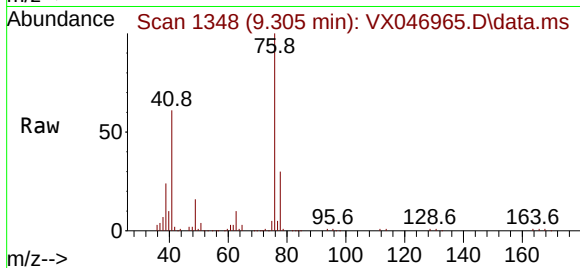
VX0714MBSD01

Tgt Ion: 76 Resp: 119229

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 113.906 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046965.D

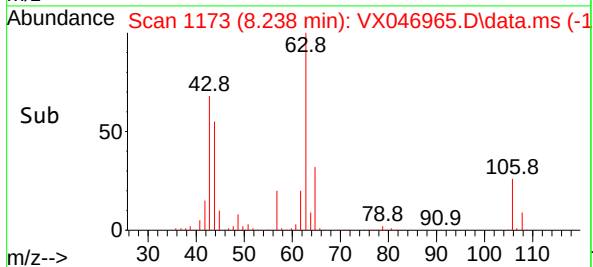
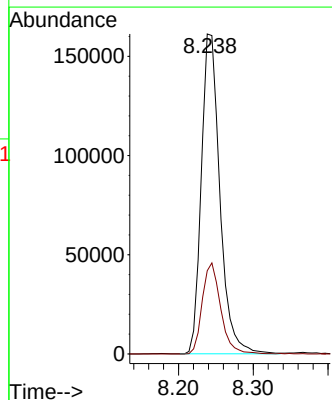
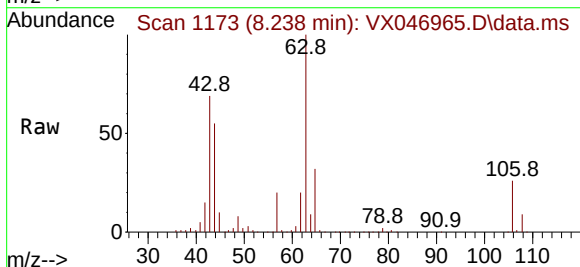
Acq: 14 Jul 2025 12:06

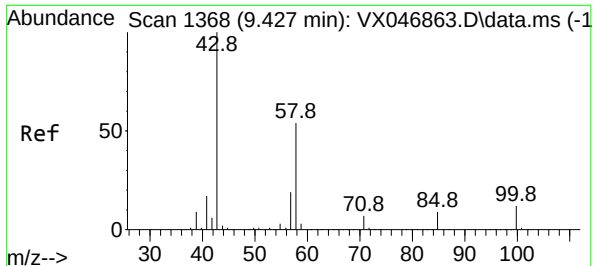
Tgt Ion: 63 Resp: 278728

Ion Ratio Lower Upper

63 100

106 28.1 22.6 33.8

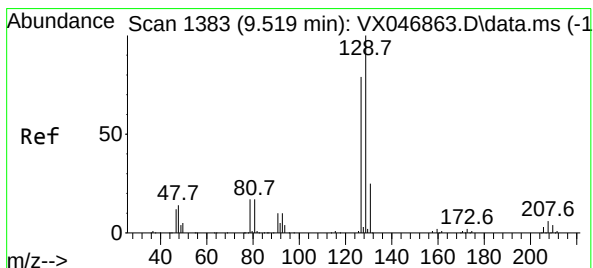
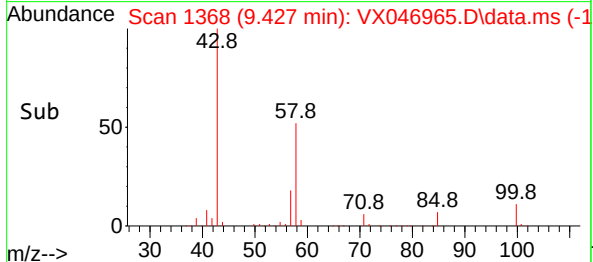
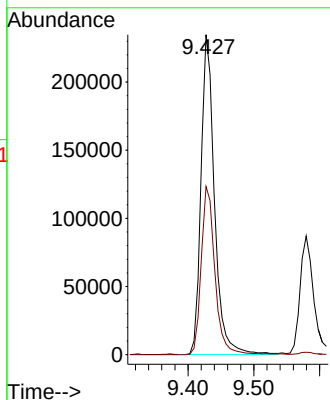
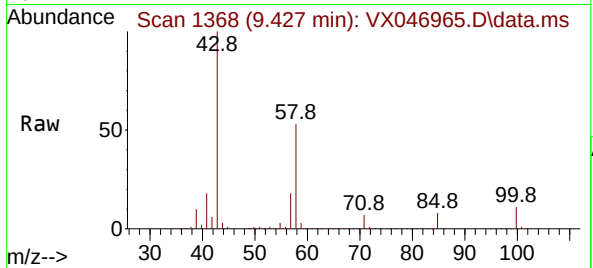




#59
2-Hexanone
Concen: 145.680 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

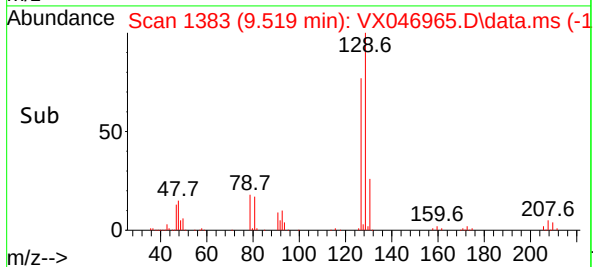
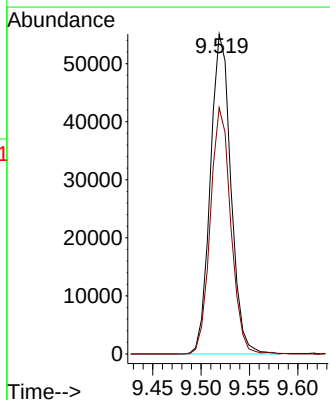
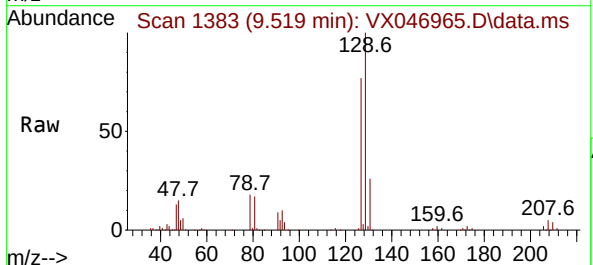
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

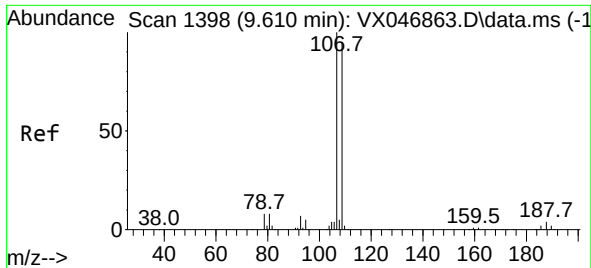
Tgt Ion: 43 Resp: 334382
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3



#60
Dibromochloromethane
Concen: 21.621 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 129 Resp: 81190
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5

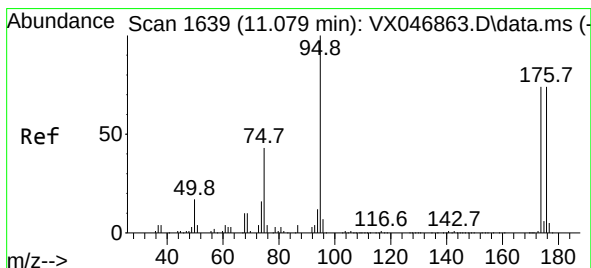
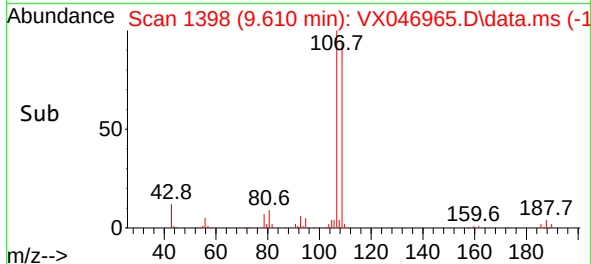
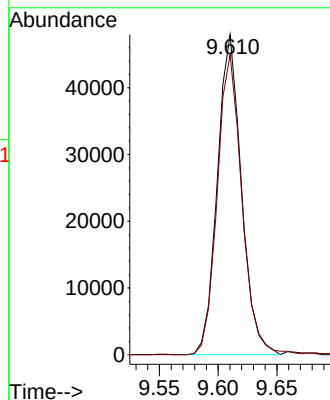
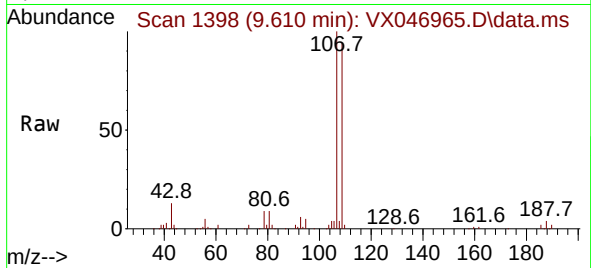




#61
1,2-Dibromoethane
Concen: 21.715 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

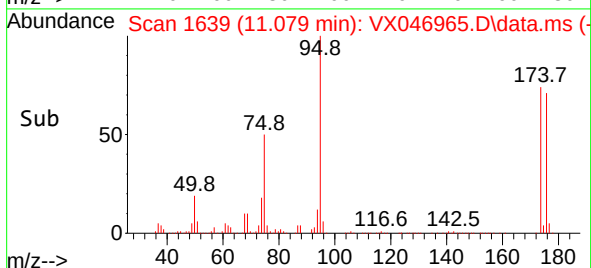
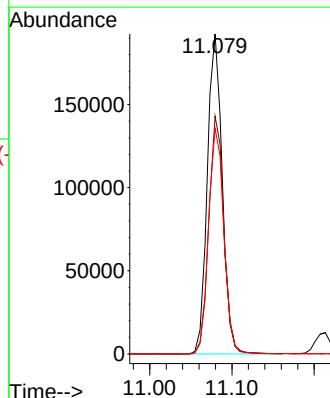
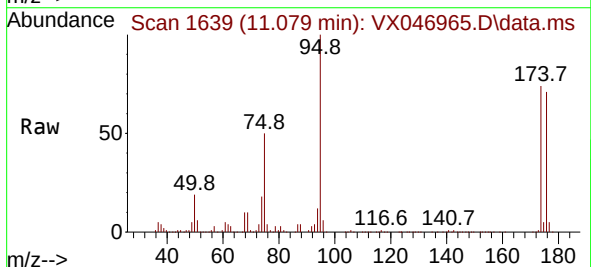
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

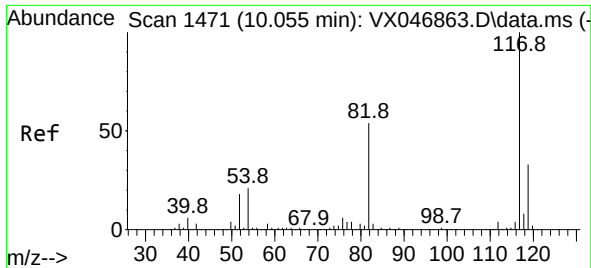
Tgt Ion:107 Resp: 68429
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 95 Resp: 242427
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.0
176 72.1 0.0 145.2

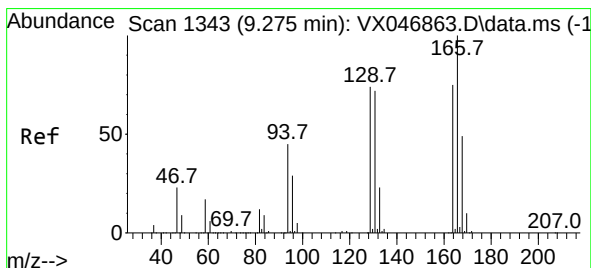
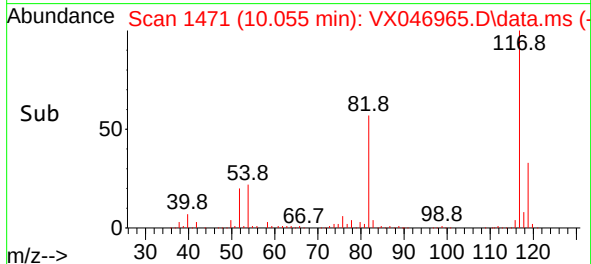
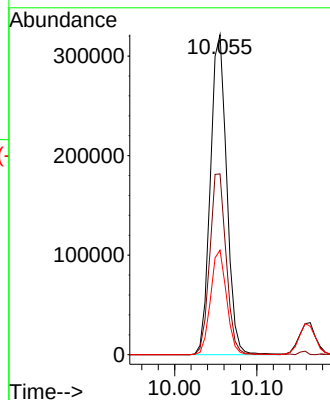
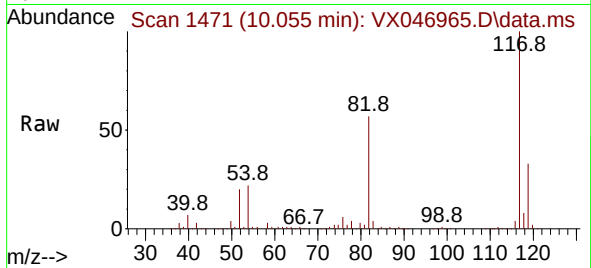




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

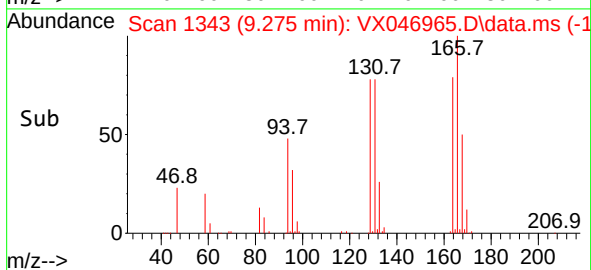
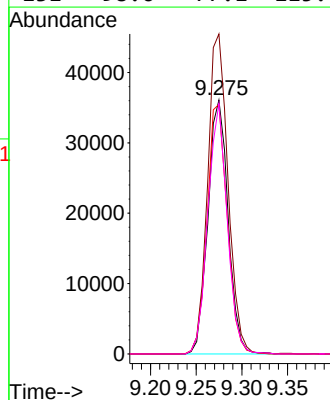
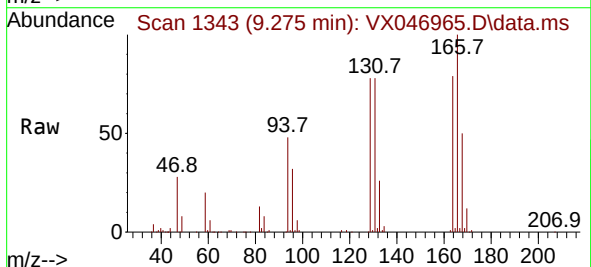
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

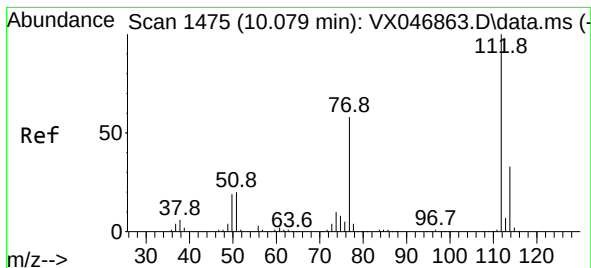
Tgt Ion:117 Resp: 443821
Ion Ratio Lower Upper
117 100
82 56.5 43.3 64.9
119 32.7 26.4 39.6



#64
Tetrachloroethene
Concen: 18.703 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion:164 Resp: 55267
Ion Ratio Lower Upper
164 100
166 126.0 107.0 160.6
129 98.3 79.7 119.5
131 98.6 77.1 115.7

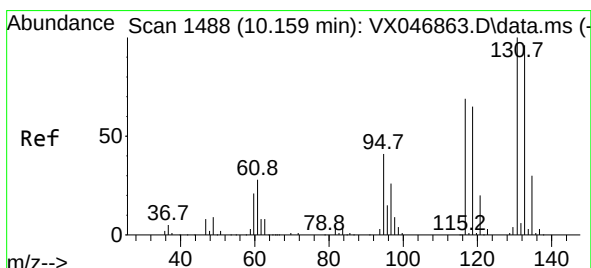
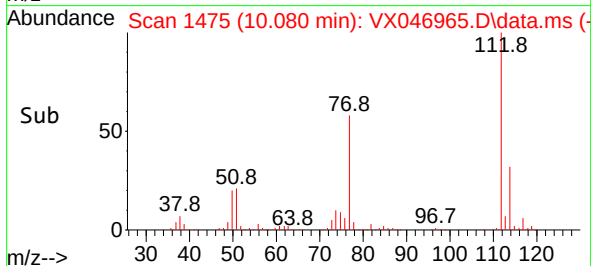
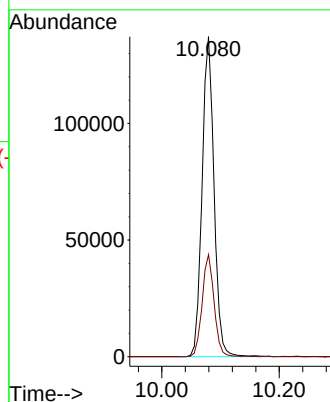
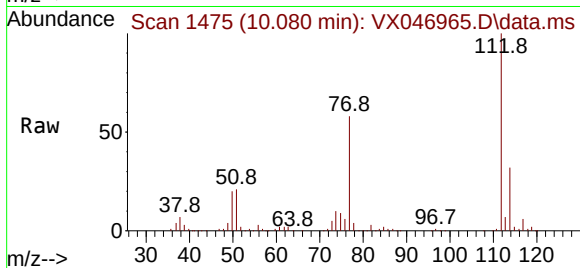




#65
Chlorobenzene
Concen: 20.192 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

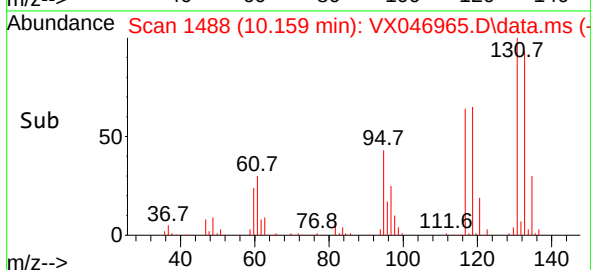
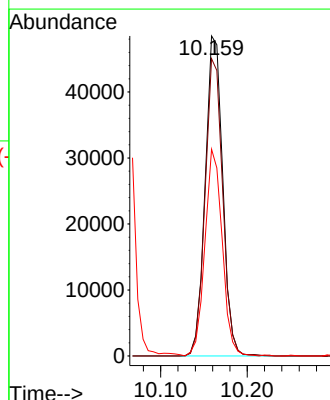
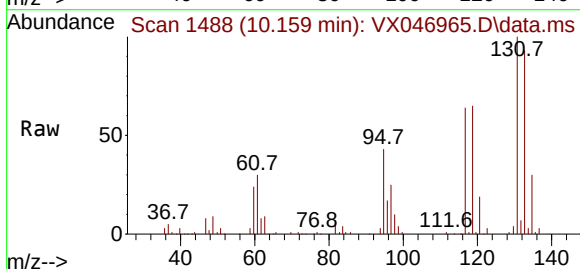
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

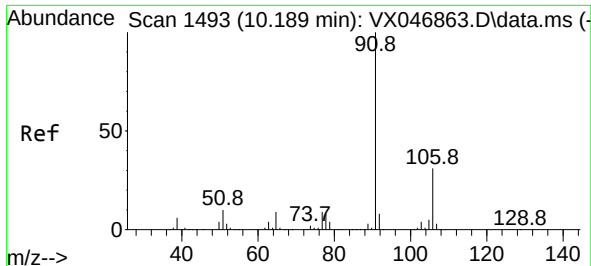
Tgt Ion:112 Resp: 193750
Ion Ratio Lower Upper
112 100
114 31.9 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.088 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion:131 Resp: 68023
Ion Ratio Lower Upper
131 100
133 93.4 47.6 142.9
119 63.9 32.4 97.2





#67

Ethyl Benzene

Concen: 20.043 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

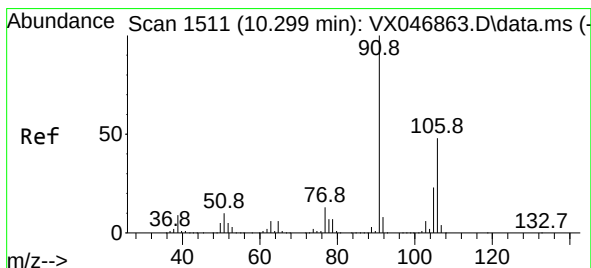
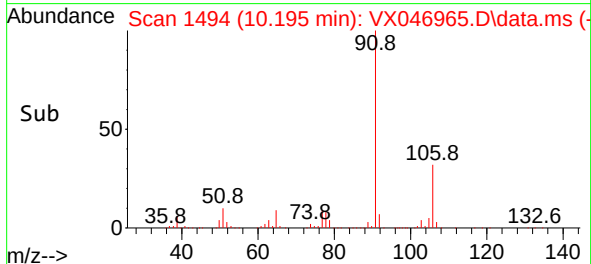
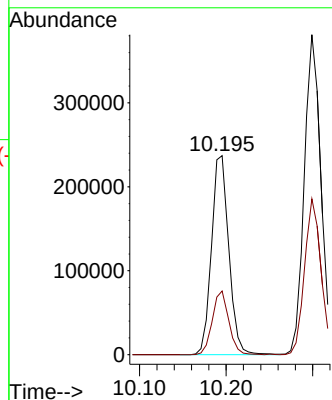
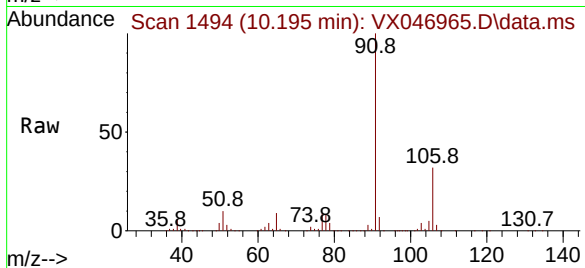
VX0714MBSD01

Tgt Ion: 91 Resp: 329357

Ion Ratio Lower Upper

91 100

106 32.0 24.4 36.6



#68

m/p-Xylenes

Concen: 40.104 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX046965.D

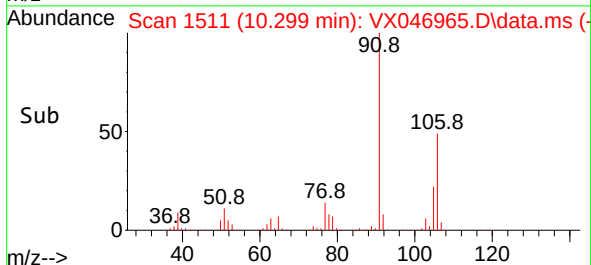
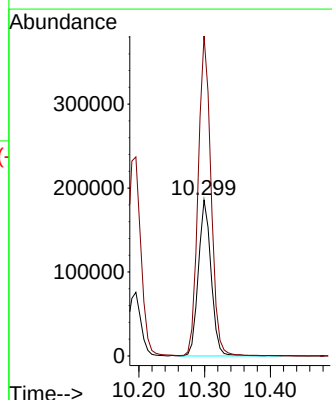
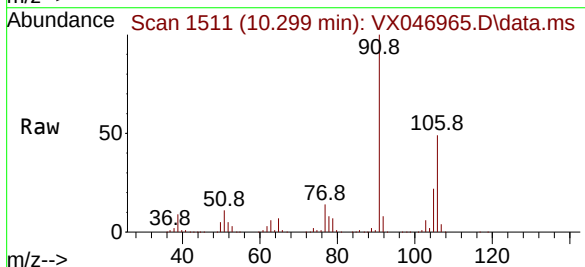
Acq: 14 Jul 2025 12:06

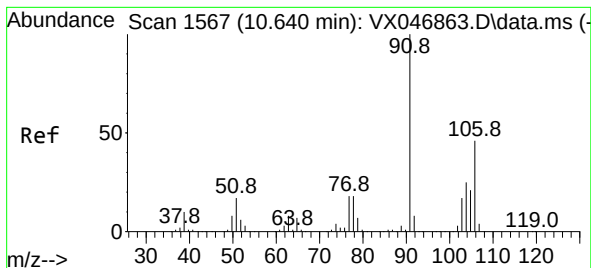
Tgt Ion:106 Resp: 248328

Ion Ratio Lower Upper

106 100

91 206.5 164.6 246.8

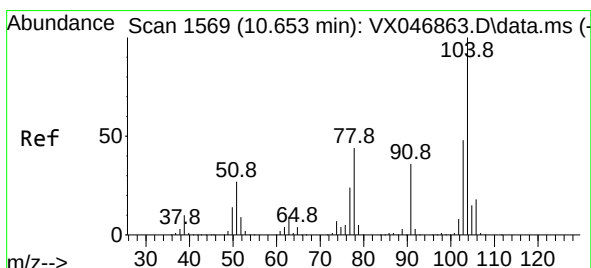
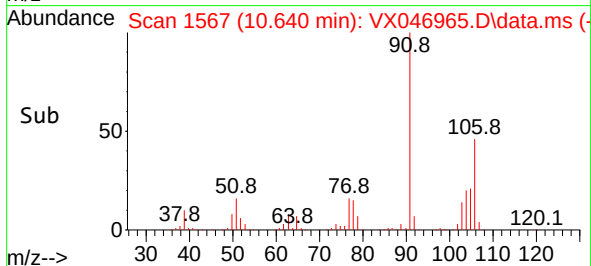
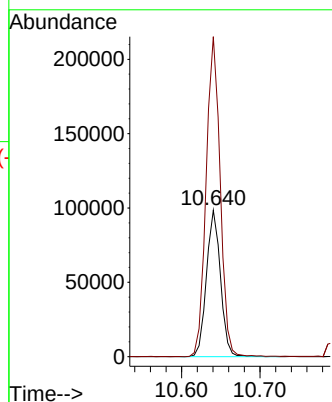
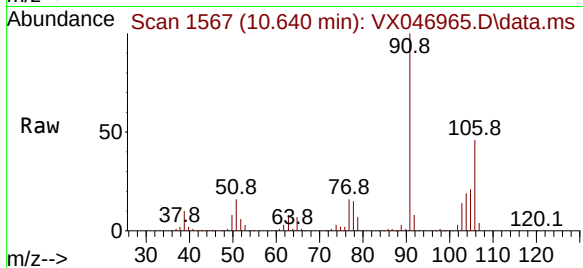




#69
o-Xylene
Concen: 20.395 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

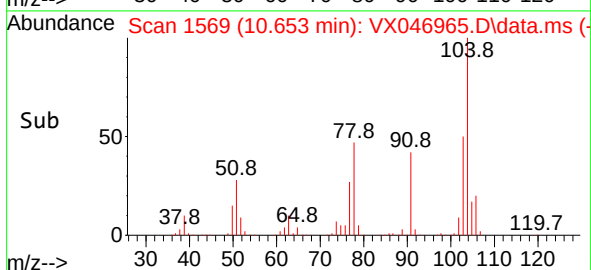
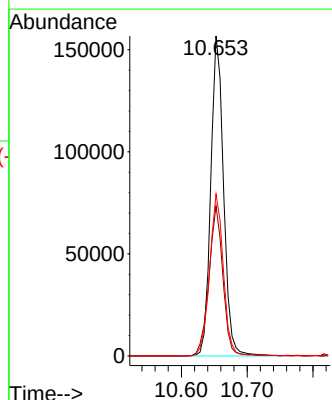
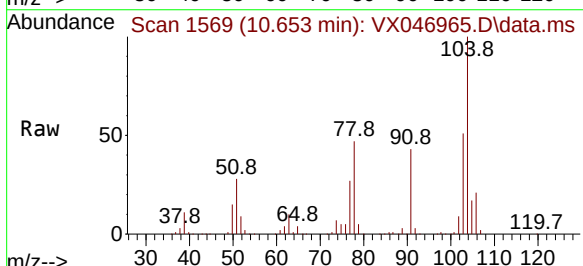
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

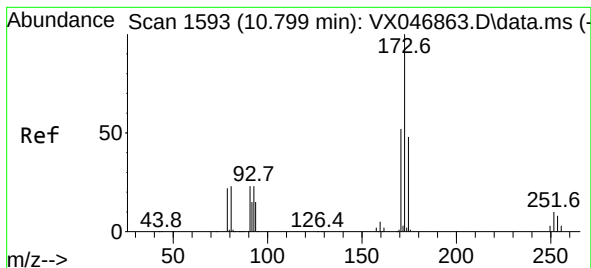
Tgt Ion:106 Resp: 121989
Ion Ratio Lower Upper
106 100
91 219.7 109.5 328.5



#70
Styrene
Concen: 20.822 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion:104 Resp: 213080
Ion Ratio Lower Upper
104 100
78 51.1 40.3 60.5
103 54.5 42.8 64.2





#71

Bromoform

Concen: 22.637 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

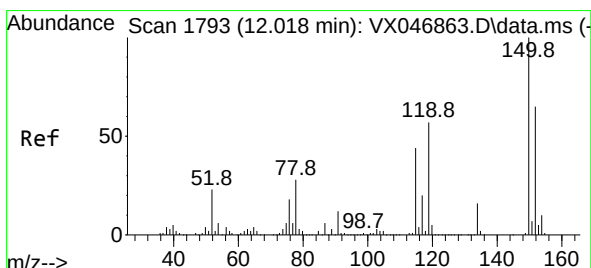
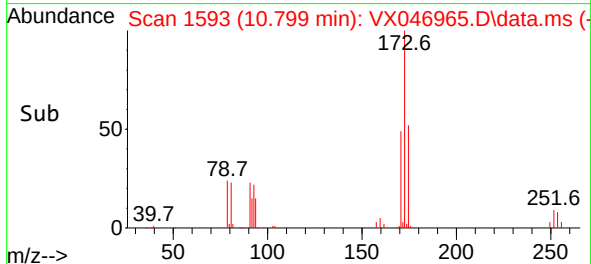
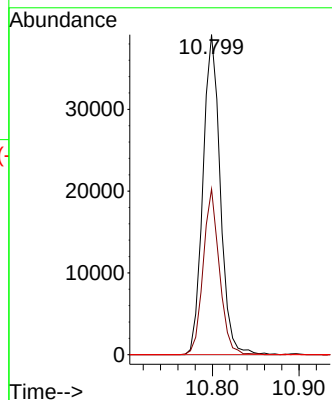
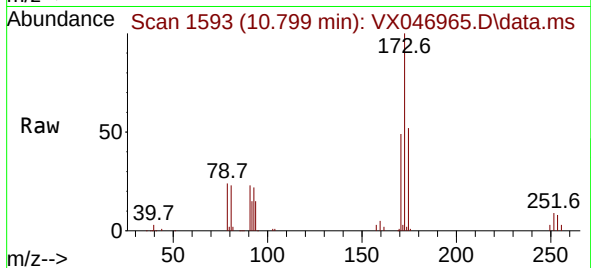
Tgt Ion:173 Resp: 54294

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

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: VX046965.D

Acq: 14 Jul 2025 12:06

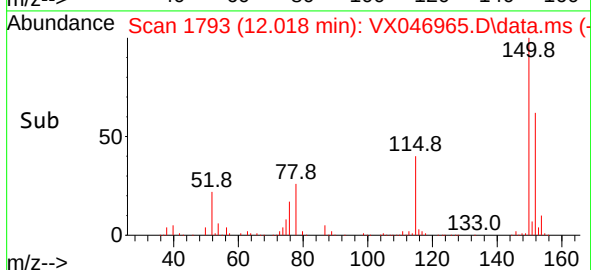
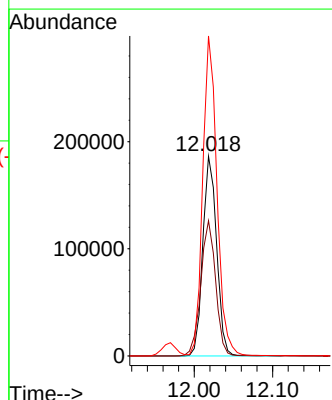
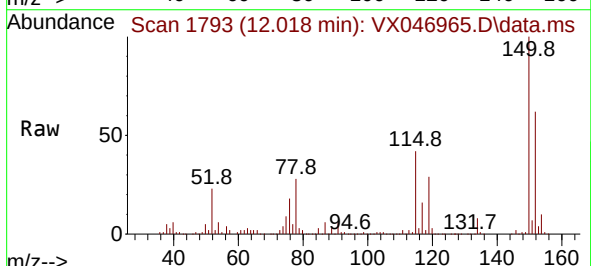
Tgt Ion:152 Resp: 228640

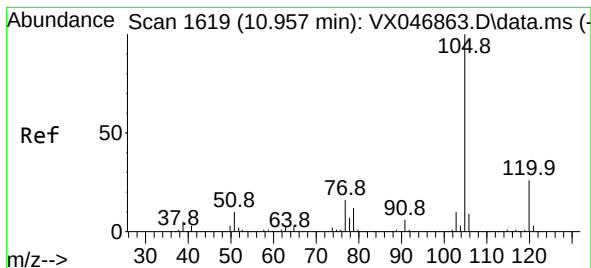
Ion Ratio Lower Upper

152 100

115 72.6 42.4 127.1

150 164.5 0.0 349.2





#73

Isopropylbenzene

Concen: 20.097 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

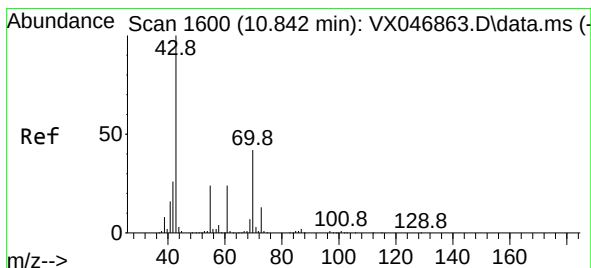
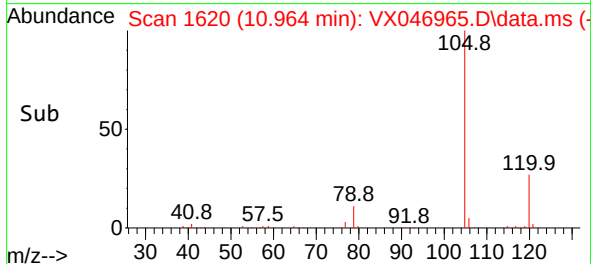
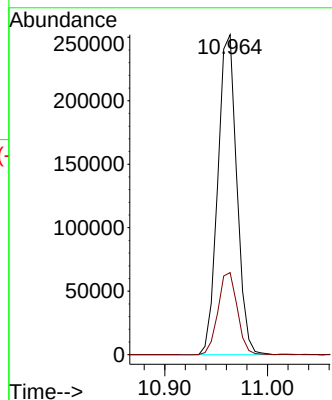
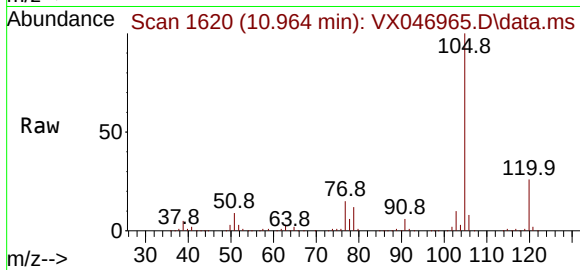
VX0714MBSD01

Tgt Ion:105 Resp: 323016

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 24.922 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Tgt Ion: 43 Resp: 136117

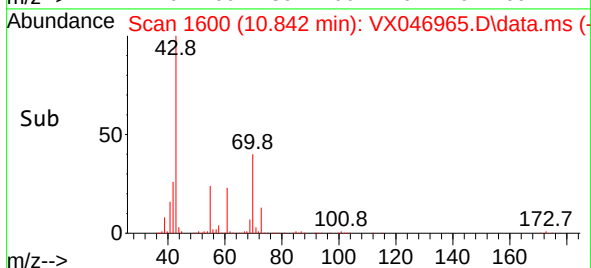
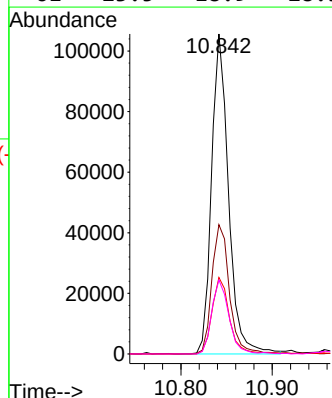
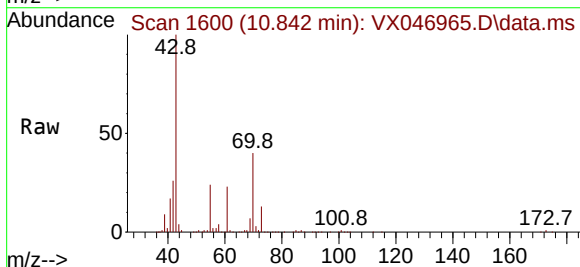
Ion Ratio Lower Upper

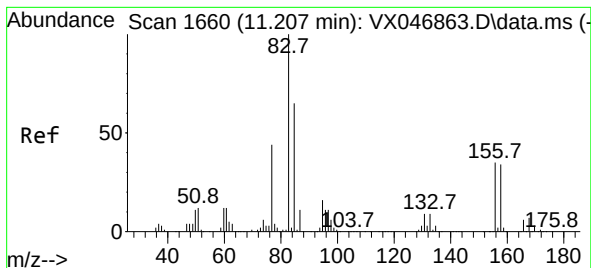
43 100

70 42.0 33.4 50.2

55 24.8 19.6 29.4

61 23.5 18.9 28.3

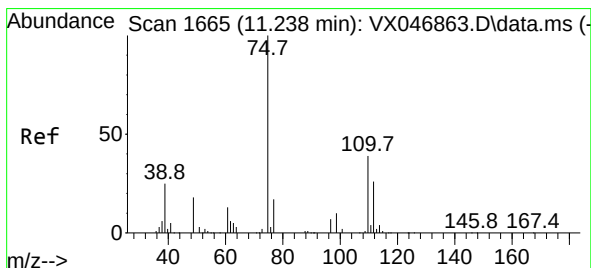
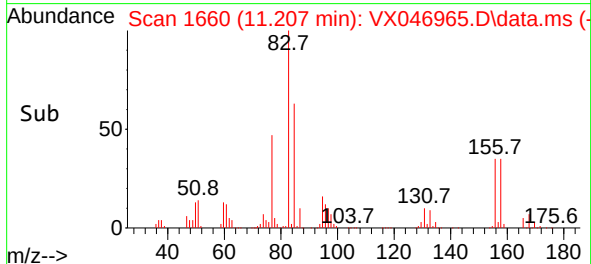
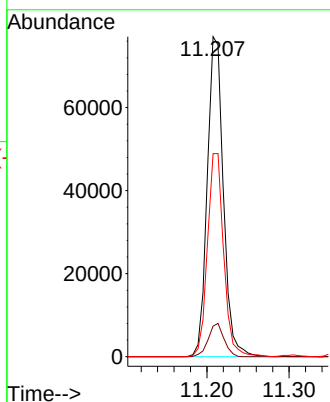
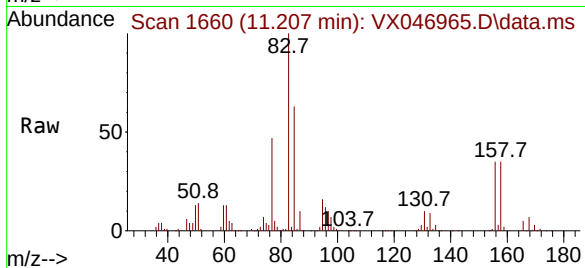




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.719 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

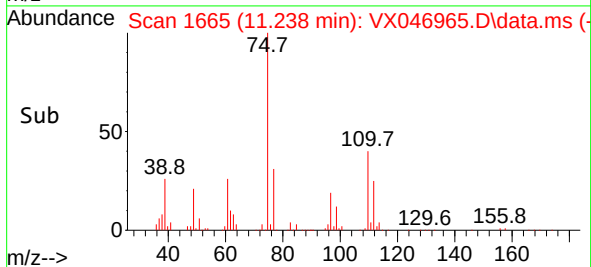
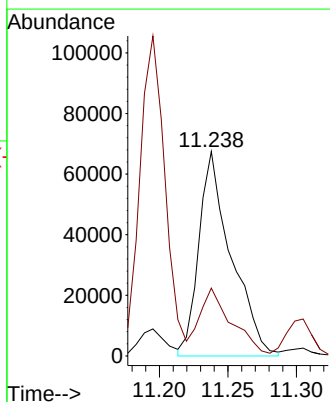
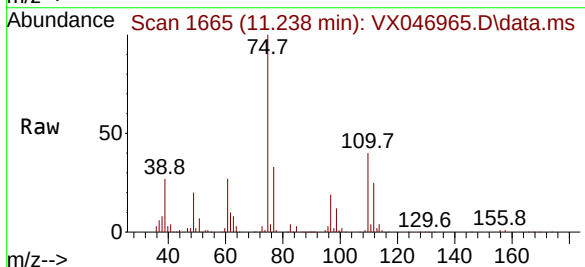
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBSD01

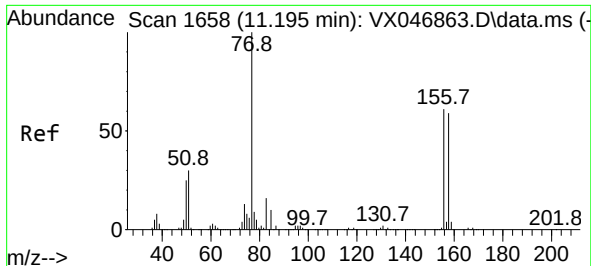
Tgt Ion: 83 Resp: 104828
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 14.9
 85 64.0 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 31.399 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

Tgt Ion: 75 Resp: 110925
 Ion Ratio Lower Upper
 75 100
 77 32.9 20.6 61.8

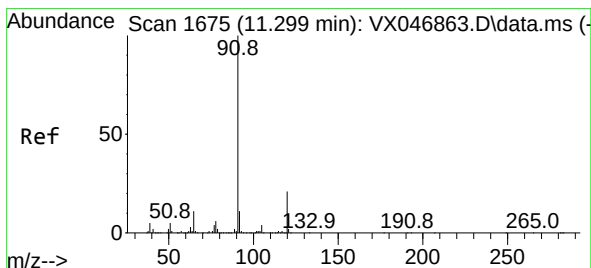
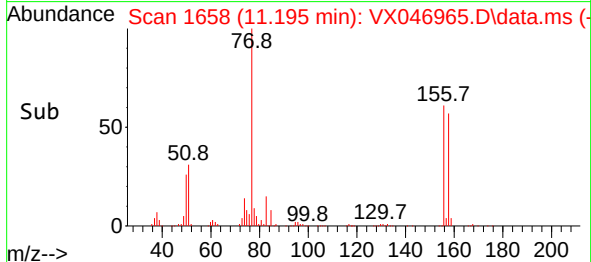
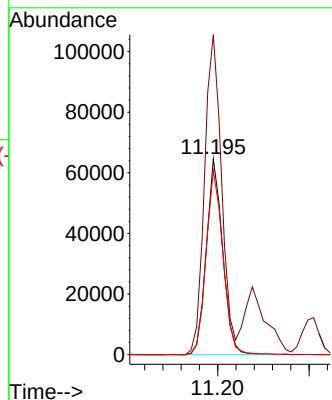
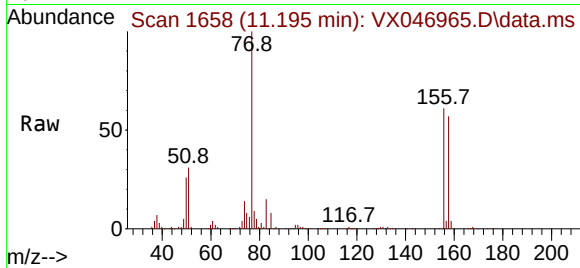




#77
Bromobenzene
Concen: 20.005 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

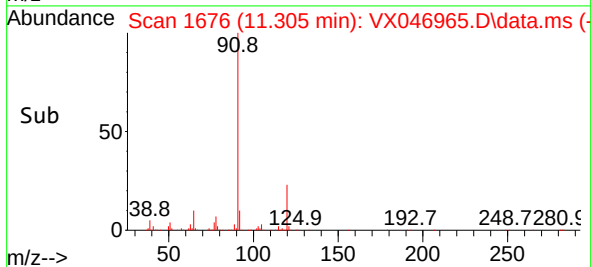
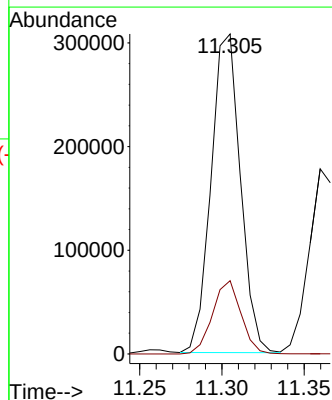
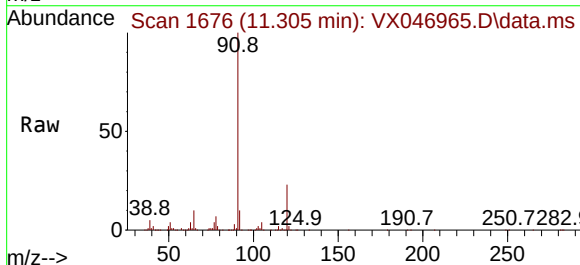
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

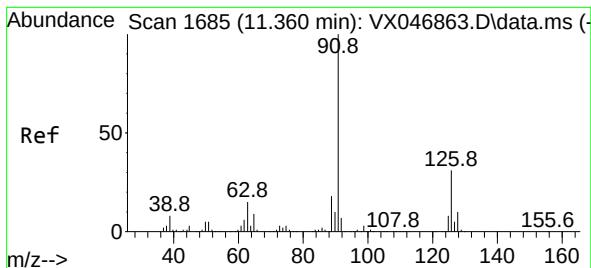
Tgt Ion:156 Resp: 80090
Ion Ratio Lower Upper
156 100
77 169.9 82.3 247.0
158 96.9 47.5 142.6



#78
n-propylbenzene
Concen: 19.714 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 91 Resp: 382067
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

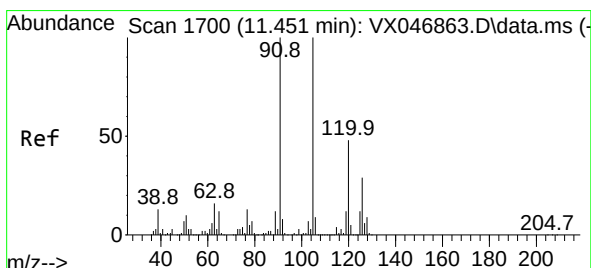
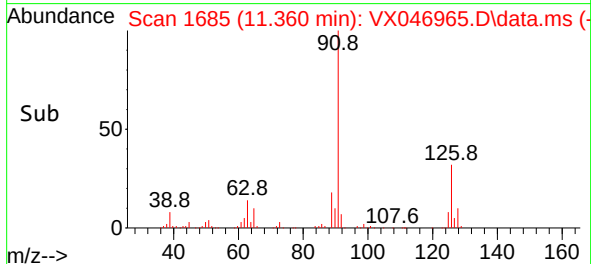
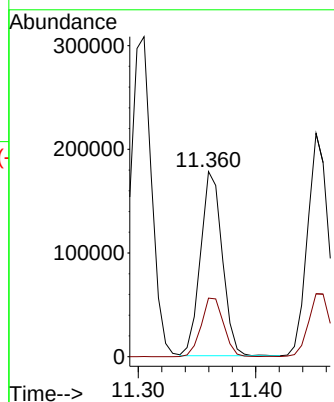
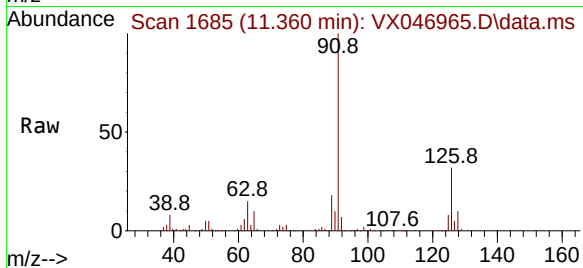




#79
2-Chlorotoluene
Concen: 20.012 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

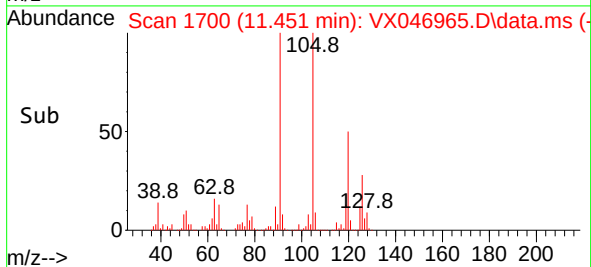
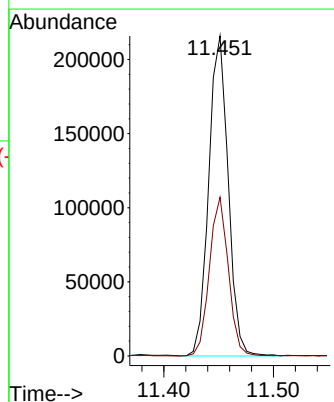
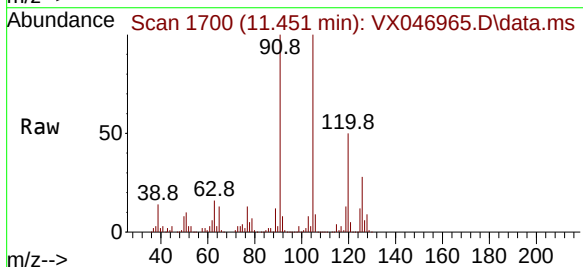
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

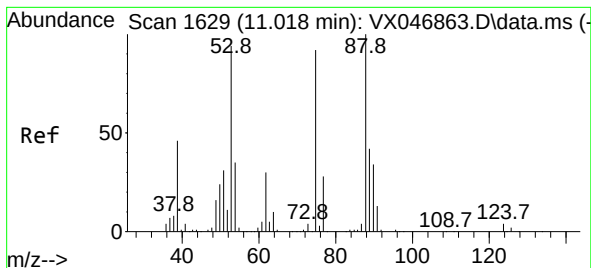
Tgt Ion: 91 Resp: 229010
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 20.413 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 105 Resp: 266585
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.4

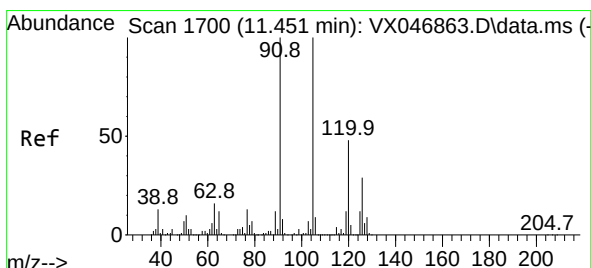
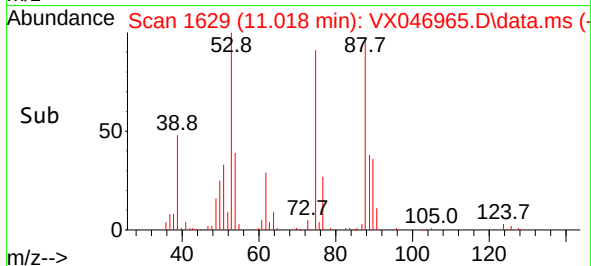
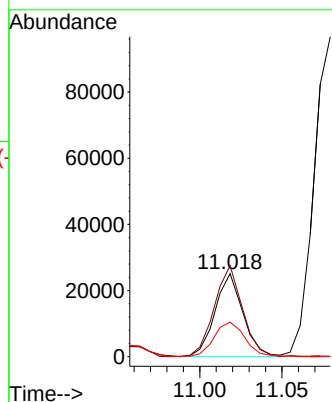
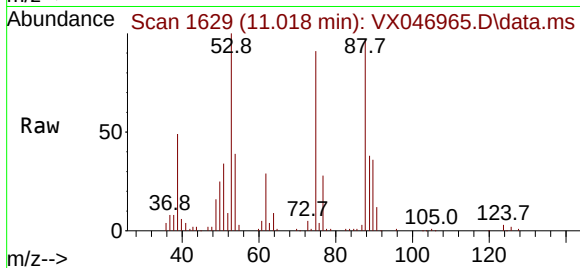




#81
trans-1,4-Dichloro-2-butene
Concen: 22.588 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

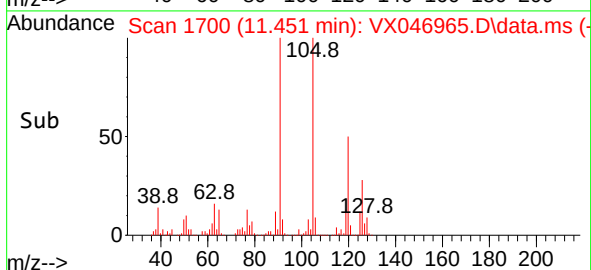
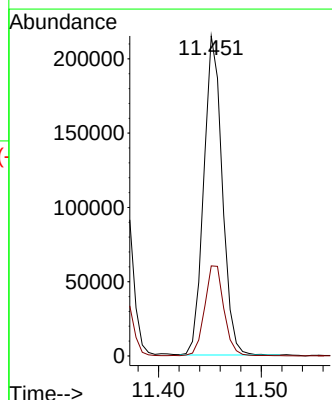
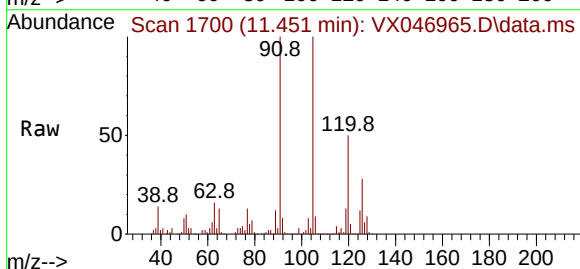
Instrument :
MSVOA_X
ClientSampleId :
VX0714MBSD01

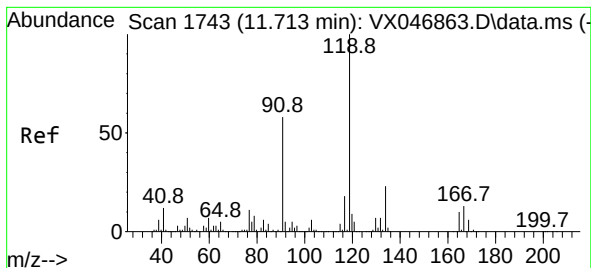
Tgt Ion: 75 Resp: 29737
Ion Ratio Lower Upper
75 100
53 111.0 83.7 125.5
89 46.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.329 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046965.D
Acq: 14 Jul 2025 12:06

Tgt Ion: 91 Resp: 268462
Ion Ratio Lower Upper
91 100
126 29.8 14.6 44.0





#83

tert-Butylbenzene

Concen: 20.455 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

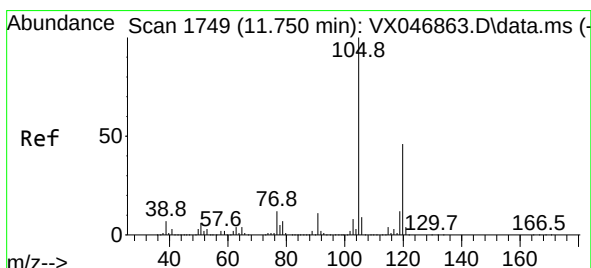
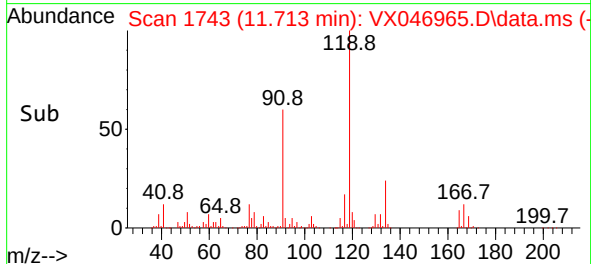
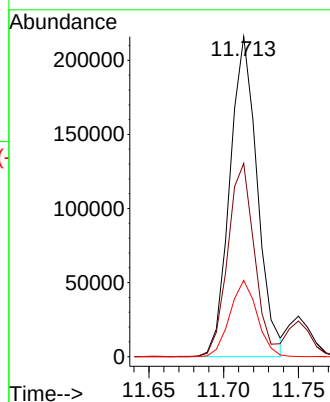
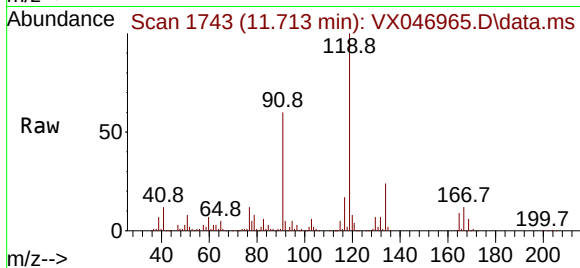
Tgt Ion:119 Resp: 275915

Ion Ratio Lower Upper

119 100

91 59.3 28.7 86.3

134 23.6 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 20.580 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046965.D

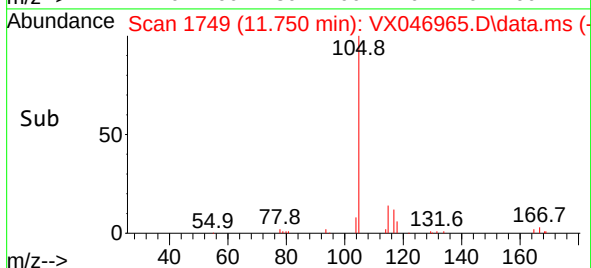
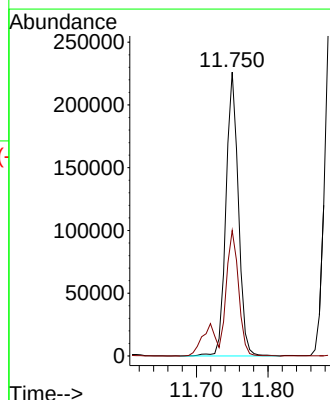
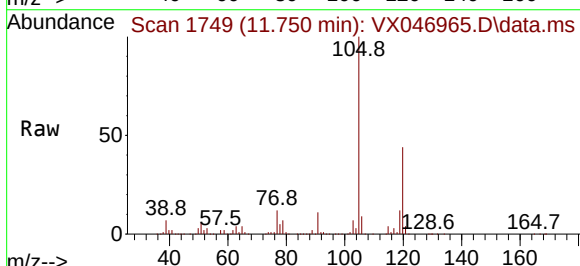
Acq: 14 Jul 2025 12:06

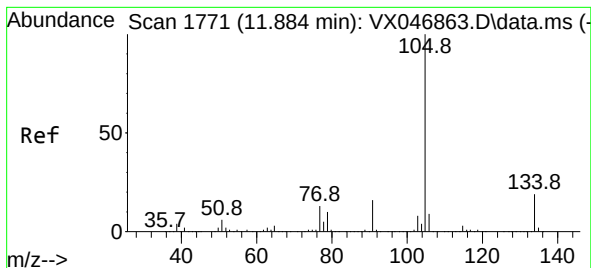
Tgt Ion:105 Resp: 271658

Ion Ratio Lower Upper

105 100

120 43.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.279 ug/l

RT: 11.890 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

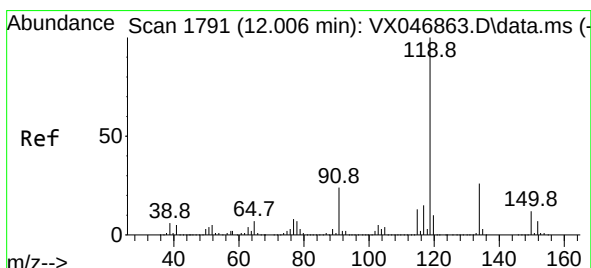
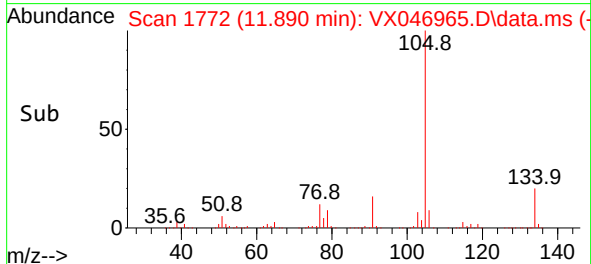
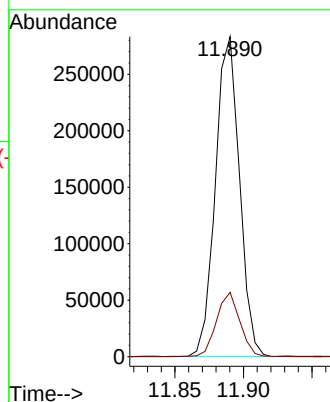
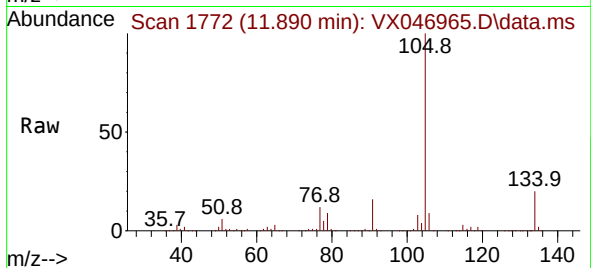
VX0714MBSD01

Tgt Ion:105 Resp: 344871

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.748 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

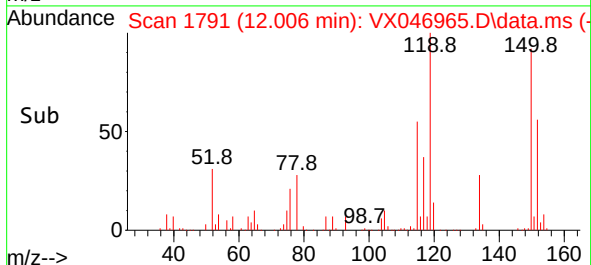
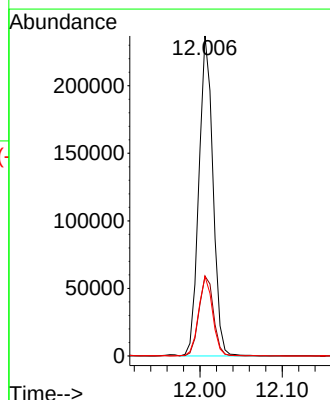
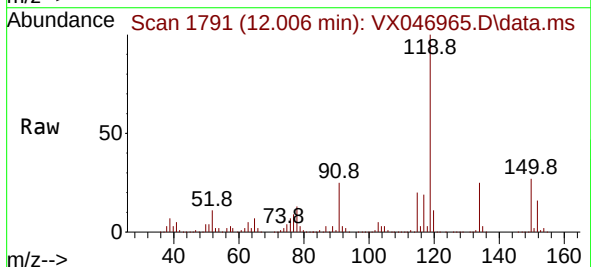
Tgt Ion:119 Resp: 281252

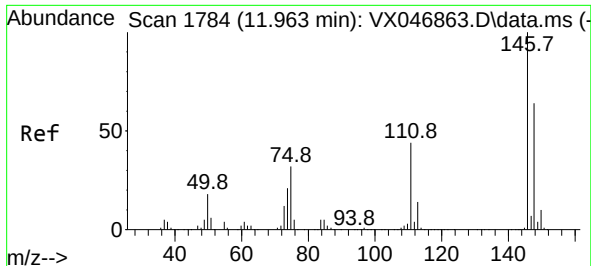
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.294 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

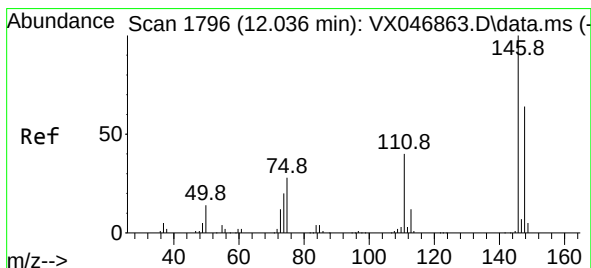
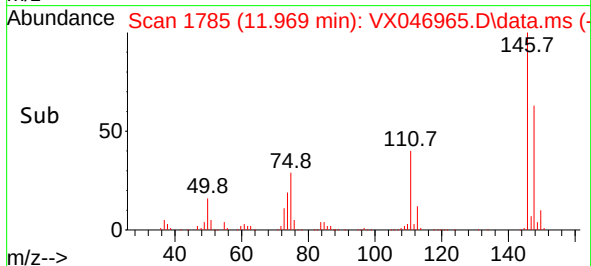
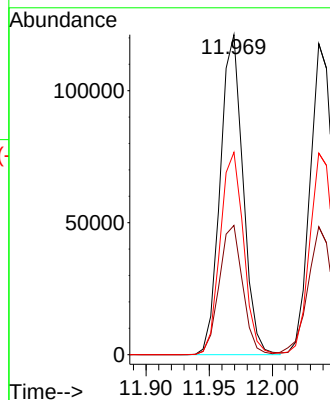
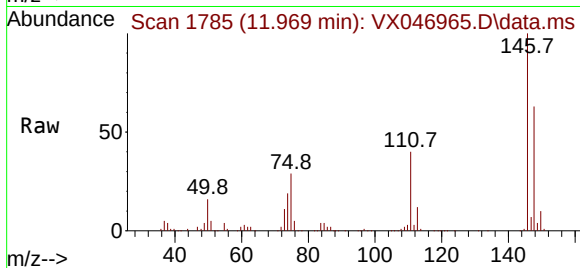
Tgt Ion:146 Resp: 151949

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

148 64.9 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 19.539 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

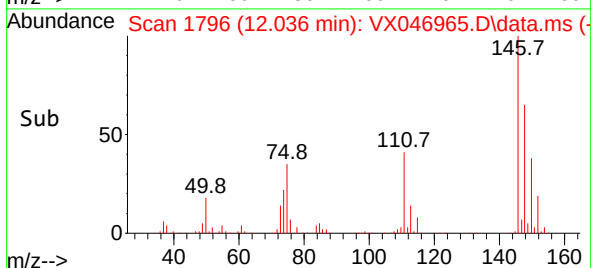
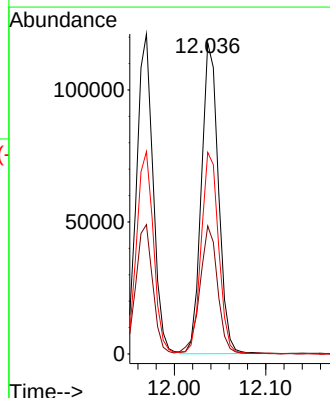
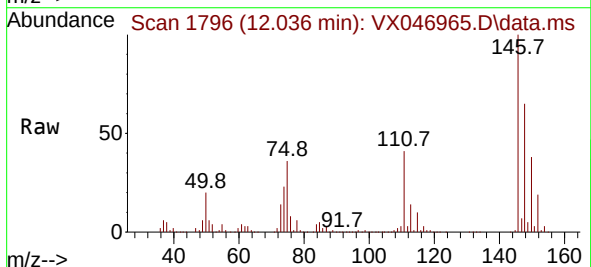
Tgt Ion:146 Resp: 152258

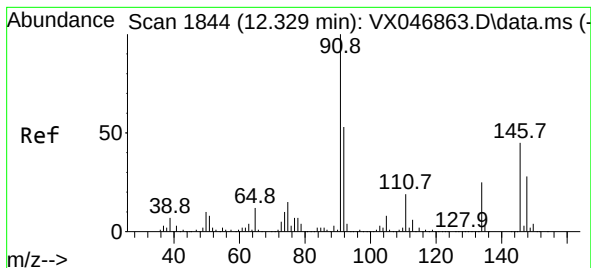
Ion Ratio Lower Upper

146 100

111 43.1 20.2 60.5

148 65.6 32.4 97.0





#89

n-Butylbenzene

Concen: 19.651 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

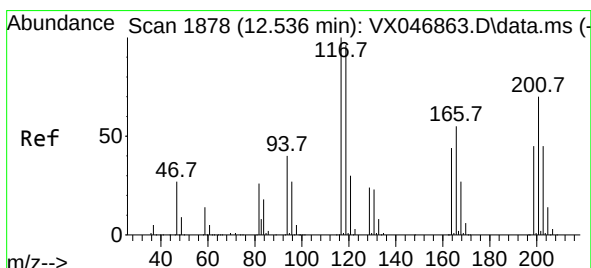
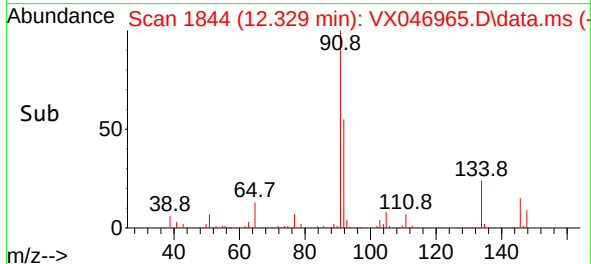
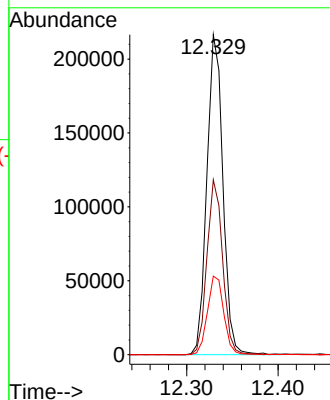
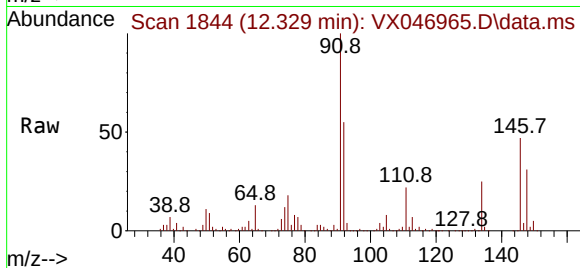
Tgt Ion: 91 Resp: 262967

Ion Ratio Lower Upper

91 100

92 53.5 27.0 81.0

134 25.1 12.8 38.4



#90

Hexachloroethane

Concen: 19.518 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046965.D

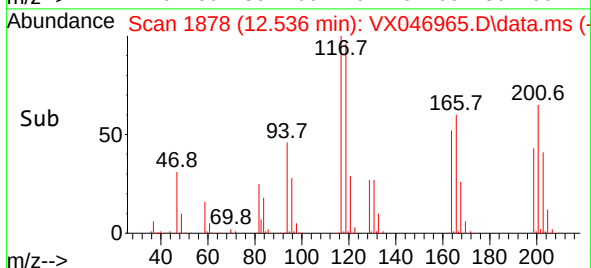
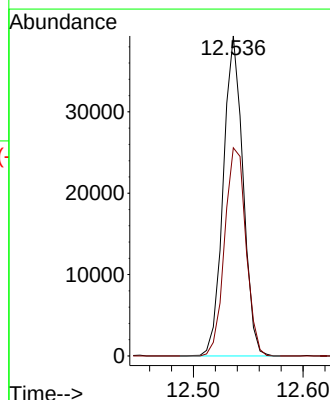
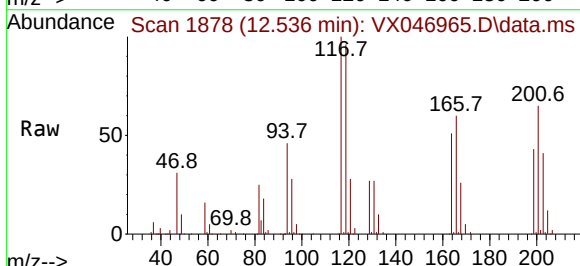
Acq: 14 Jul 2025 12:06

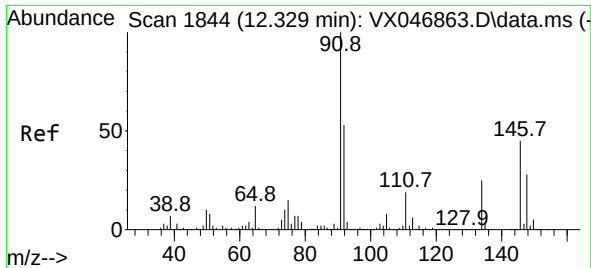
Tgt Ion: 117 Resp: 49278

Ion Ratio Lower Upper

117 100

201 70.0 35.8 107.4

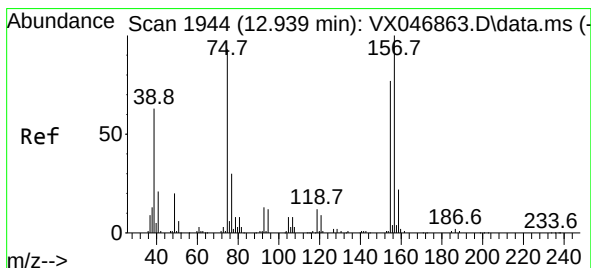
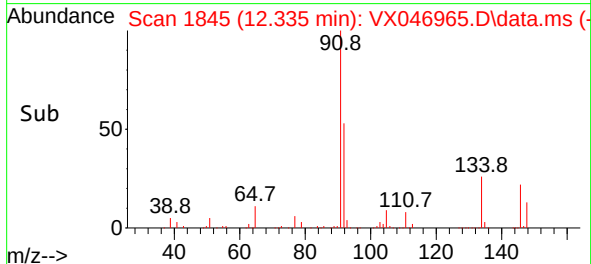
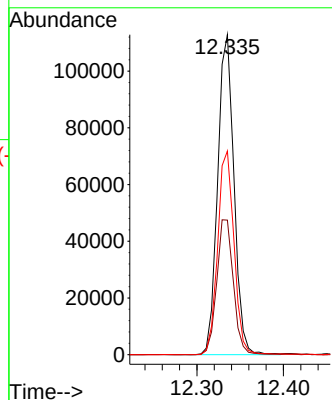
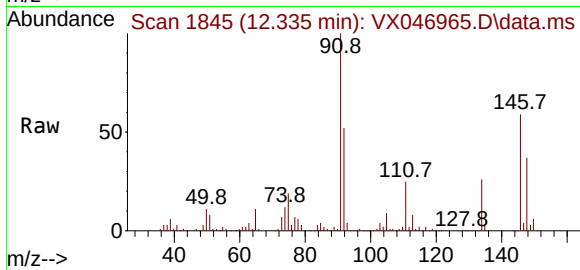




#91
 1,2-Dichlorobenzene
 Concen: 20.342 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

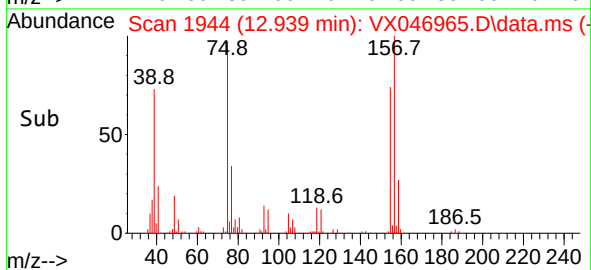
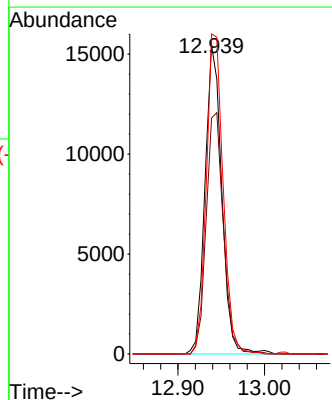
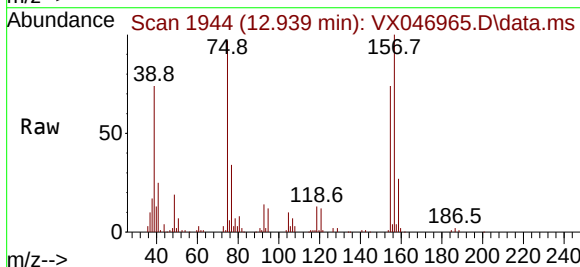
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714MBSD01

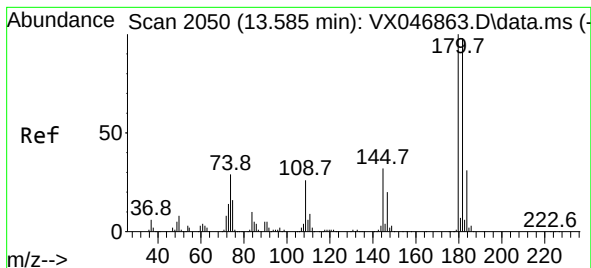
Tgt Ion:146 Resp: 147594
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.1
 148 64.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.810 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX046965.D
 Acq: 14 Jul 2025 12:06

Tgt Ion: 75 Resp: 20724
 Ion Ratio Lower Upper
 75 100
 155 80.5 43.1 129.4
 157 104.1 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 20.429 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

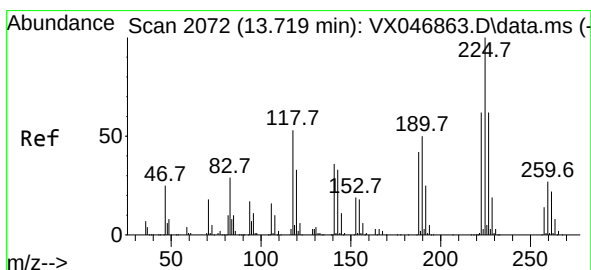
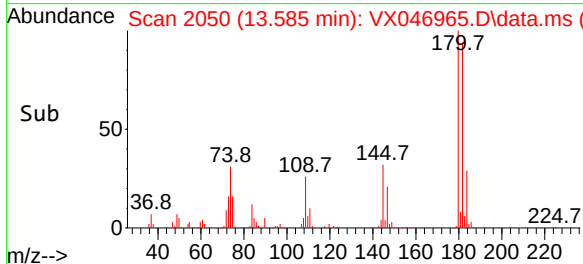
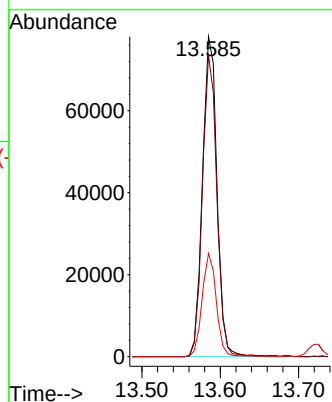
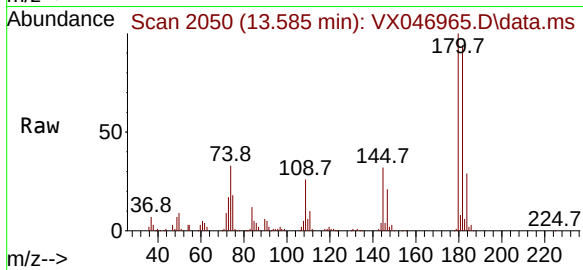
Tgt Ion:180 Resp: 100699

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 31.5 16.1 48.2



#94

Hexachlorobutadiene

Concen: 19.705 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

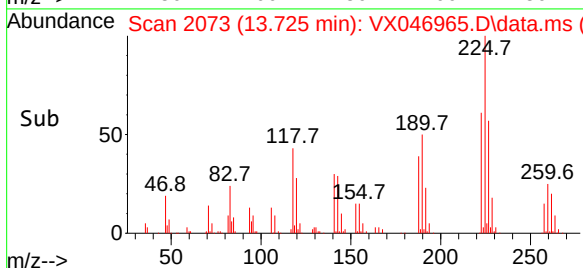
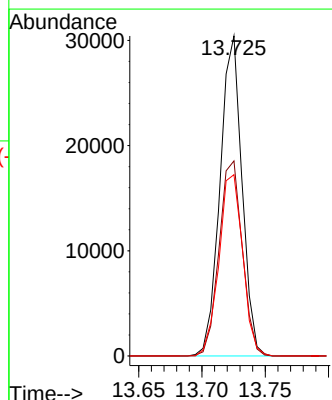
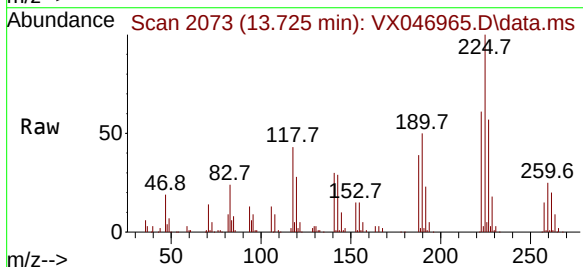
Tgt Ion:225 Resp: 36631

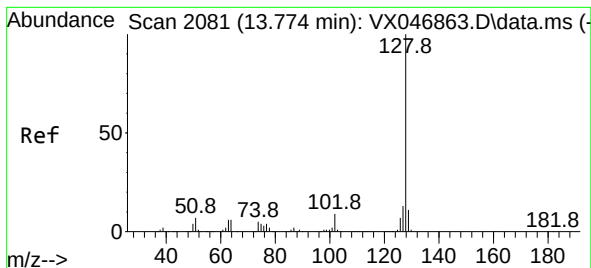
Ion Ratio Lower Upper

225 100

223 64.5 31.6 94.7

227 61.3 31.6 94.7





#95

Naphthalene

Concen: 23.778 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0714MBSD01

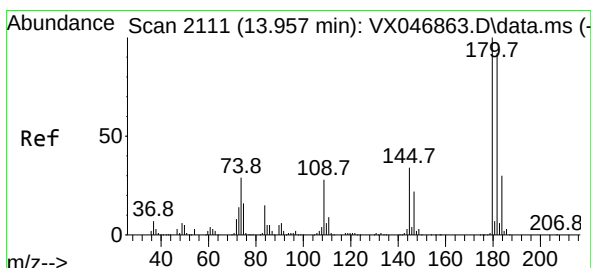
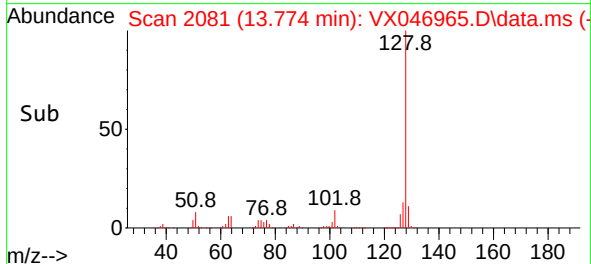
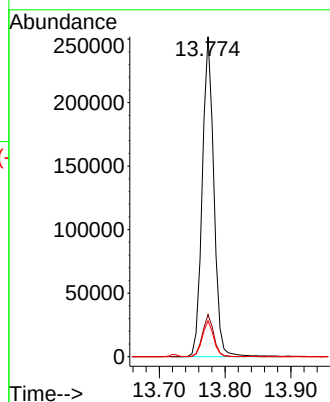
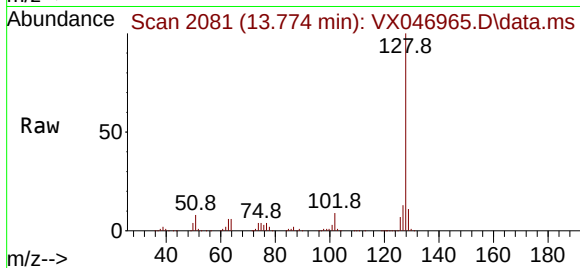
Tgt Ion:128 Resp: 308854

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.858 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX046965.D

Acq: 14 Jul 2025 12:06

Tgt Ion:180 Resp: 97147

Ion Ratio Lower Upper

180 100

182 96.5 46.7 140.1

145 34.2 16.8 50.3

