

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047459.D
 Acq On : 21 Aug 2025 11:18
 Operator : JC/MD
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Quant Time: Aug 22 03:41:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	230187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166710	51.749	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	103.500%	
35) Dibromofluoromethane	5.391	113	130216	49.614	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	99.220%	
50) Toluene-d8	8.647	98	463724	49.432	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	98.860%	
62) 4-Bromofluorobenzene	11.079	95	180204	52.055	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	104.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	43503	14.825	ug/l	97
3) Chloromethane	1.313	50	42760	16.199	ug/l	96
4) Vinyl Chloride	1.392	62	51842	15.647	ug/l	99
5) Bromomethane	1.630	94	23583	17.622	ug/l	84
6) Chloroethane	1.709	64	33113	16.335	ug/l	98
7) Trichlorofluoromethane	1.904	101	76510	15.612	ug/l	96
8) Diethyl Ether	2.148	74	30610	17.738	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	43355	15.250	ug/l	96
10) Methyl Iodide	2.471	142	64312	13.201	ug/l	96
11) Tert butyl alcohol	2.959	59	23429	83.599	ug/l	99
12) 1,1-Dichloroethene	2.337	96	46095	15.904	ug/l	98
13) Acrolein	2.252	56	55921	94.524	ug/l	100
14) Allyl chloride	2.678	41	83014	16.491	ug/l	99
15) Acrylonitrile	3.081	53	112634	83.171	ug/l	99
16) Acetone	2.392	43	119744	98.887	ug/l	100
17) Carbon Disulfide	2.526	76	130420	14.912	ug/l	98
18) Methyl Acetate	2.715	43	57314	18.265	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	156783	17.782	ug/l	98
20) Methylene Chloride	2.806	84	56335	17.569	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	50443	16.398	ug/l	94
22) Diisopropyl ether	3.770	45	185995	18.692	ug/l	96
23) Vinyl Acetate	3.733	43	710919	87.168	ug/l	99
24) 1,1-Dichloroethane	3.623	63	96696	17.193	ug/l	100
25) 2-Butanone	4.568	43	146994	92.688	ug/l	96
26) 2,2-Dichloropropane	4.483	77	72446	17.066	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	61942	17.289	ug/l	99
28) Bromochloromethane	4.904	49	55114	23.549	ug/l	100
29) Tetrahydrofuran	5.025	42	88211	86.057	ug/l	94
30) Chloroform	5.105	83	100110	17.441	ug/l	95
31) Cyclohexane	5.477	56	84224	16.245	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	83111	16.822	ug/l	99
36) 1,1-Dichloropropene	5.702	75	66636	16.083	ug/l	99
37) Ethyl Acetate	4.727	43	59449	13.821	ug/l	98
38) Carbon Tetrachloride	5.690	117	71278	15.743	ug/l	95
39) Methylcyclohexane	7.385	83	76898	14.880	ug/l	97
40) Benzene	6.044	78	211325	17.041	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	29899	16.484	ug/l	97
42) 1,2-Dichloroethane	6.092	62	76040	17.311	ug/l	100
43) Isopropyl Acetate	6.342	43	101628	16.447	ug/l	98
44) Trichloroethene	7.129	130	51330	16.165	ug/l	89
45) 1,2-Dichloropropane	7.428	63	53681	17.279	ug/l	98
46) Dibromomethane	7.586	93	38511	17.074	ug/l	99
47) Bromodichloromethane	7.824	83	79586	17.021	ug/l	96
48) Methyl methacrylate	7.696	41	51322	16.001	ug/l	99
49) 1,4-Dioxane	7.690	88	9863	316.330	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	296847	83.482	ug/l	99
52) Toluene	8.720	92	131784	17.197	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	71852	17.607	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81395	17.621	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	50894	17.492	ug/l	96
56) Ethyl methacrylate	9.116	69	72344	16.865	ug/l	98
57) 1,3-Dichloropropane	9.305	76	87591	17.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	171573	89.318	ug/l	100
59) 2-Hexanone	9.433	43	204709	83.228	ug/l	98
60) Dibromochloromethane	9.519	129	59104	17.094	ug/l	98
61) 1,2-Dibromoethane	9.610	107	50189	16.728	ug/l	99
64) Tetrachloroethene	9.275	164	42112	15.630	ug/l	98
65) Chlorobenzene	10.079	112	148257	16.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50406	16.845	ug/l	99
67) Ethyl Benzene	10.195	91	248643	16.320	ug/l	100
68) m/p-Xylenes	10.299	106	188918	33.255	ug/l	96
69) o-Xylene	10.640	106	92660	16.949	ug/l	100
70) Styrene	10.653	104	161074	17.437	ug/l	100
71) Bromoform	10.799	173	37458	16.663	ug/l #	98
73) Isopropylbenzene	10.957	105	241681	16.645	ug/l	100
74) N-amyl acetate	10.842	43	86579	15.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	71552	16.784	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	63731	18.727	ug/l	92
77) Bromobenzene	11.195	156	60605	17.093	ug/l	99
78) n-propylbenzene	11.299	91	286807	16.539	ug/l	100
79) 2-Chlorotoluene	11.360	91	174076	16.606	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	197912	16.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9889	18.509	ug/l	95
82) 4-Chlorotoluene	11.451	91	201408	16.299	ug/l	99
83) tert-Butylbenzene	11.713	119	198606	16.663	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	202684	16.965	ug/l	99
85) sec-Butylbenzene	11.890	105	246019	16.653	ug/l	99
86) p-Isopropyltoluene	12.006	119	207097	16.567	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112663	16.633	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	116036	16.656	ug/l	98
89) n-Butylbenzene	12.329	91	189050	16.259	ug/l	99
90) Hexachloroethane	12.536	117	34811	15.873	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108974	16.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12816	15.545	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	68480	15.889	ug/l	99
94) Hexachlorobutadiene	13.725	225	22819	14.874	ug/l	96
95) Naphthalene	13.774	128	204616	16.613	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65049	16.011	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0821WBSD01

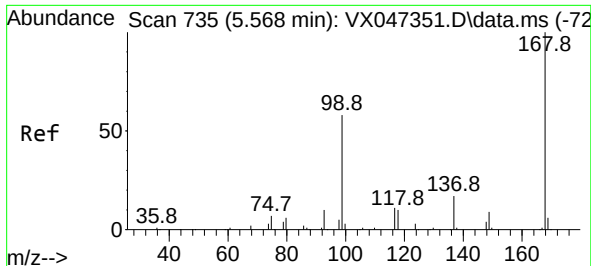
Quant Time: Aug 22 03:41:26 2025
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Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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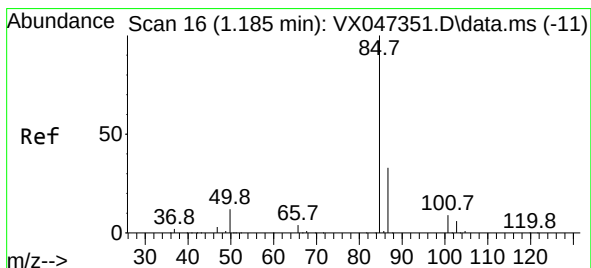
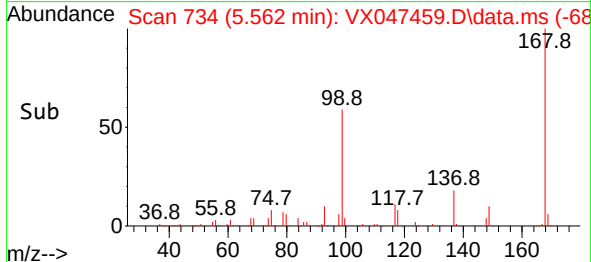
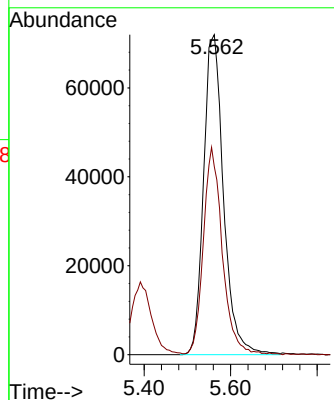
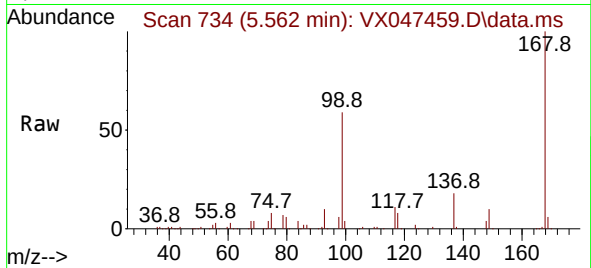




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

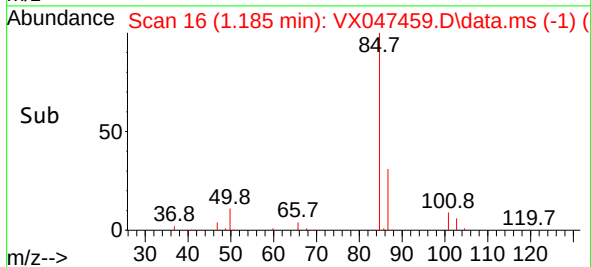
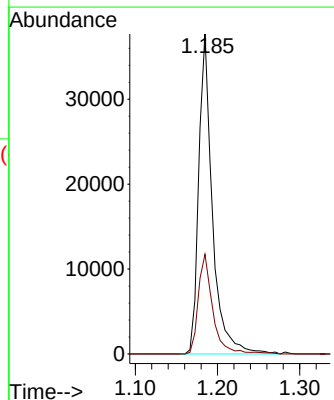
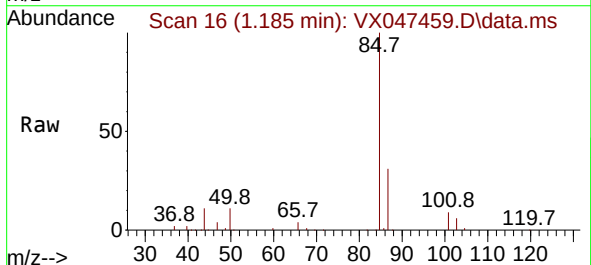
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

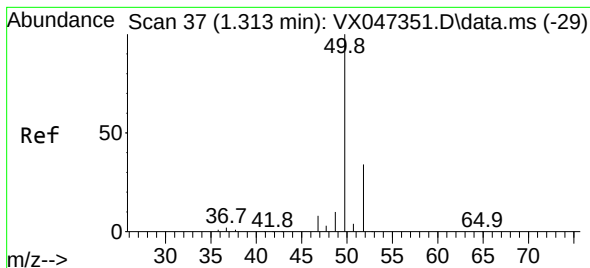
Tgt Ion:168 Resp: 230187
Ion Ratio Lower Upper
168 100
99 58.6 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 14.825 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 85 Resp: 43503
Ion Ratio Lower Upper
85 100
87 31.1 16.4 49.1





#3

Chloromethane

Concen: 16.199 ug/l

RT: 1.313 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

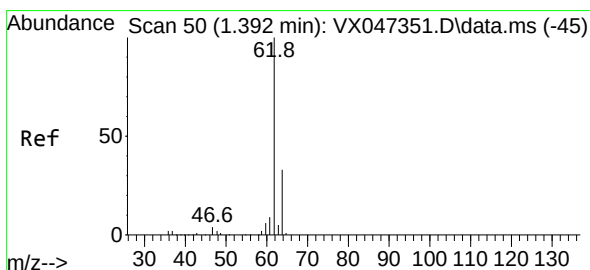
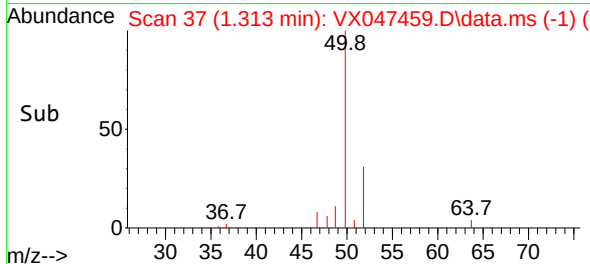
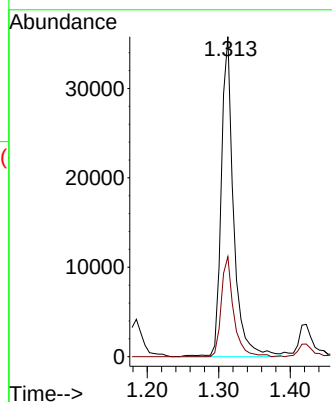
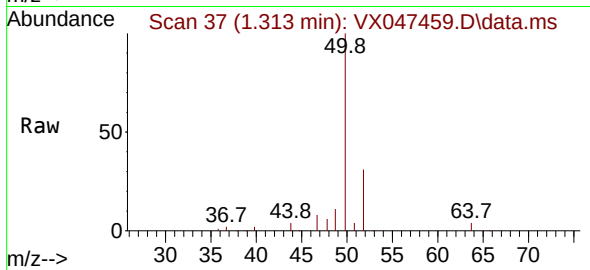
VX0821WBSD01

Tgt Ion: 50 Resp: 42760

Ion Ratio Lower Upper

50 100

52 31.2 27.0 40.4



#4

Vinyl Chloride

Concen: 15.647 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047459.D

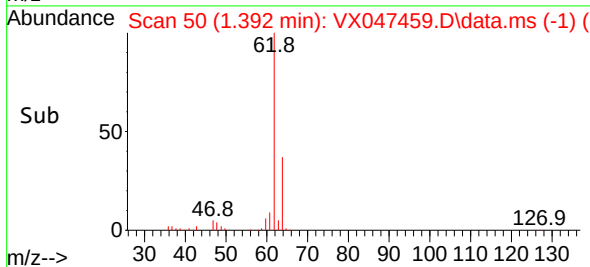
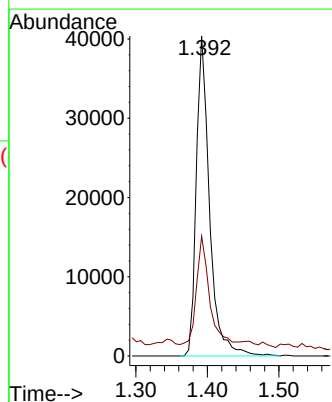
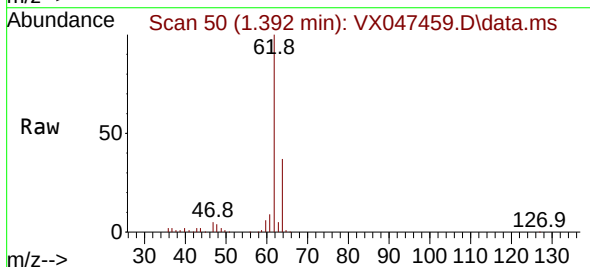
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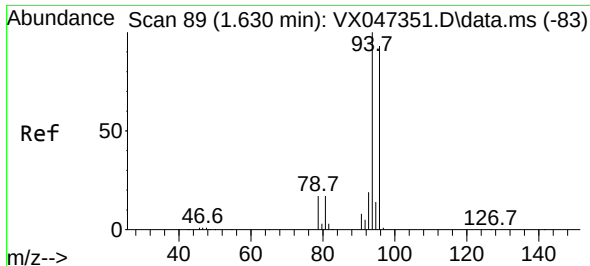
Tgt Ion: 62 Resp: 51842

Ion Ratio Lower Upper

62 100

64 33.9 26.5 39.7

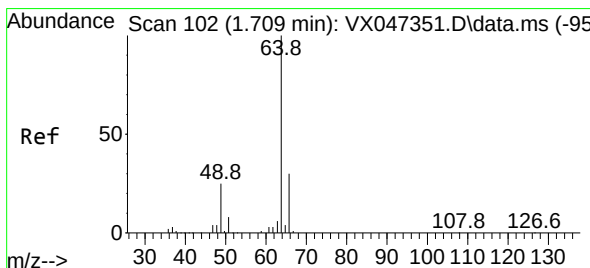
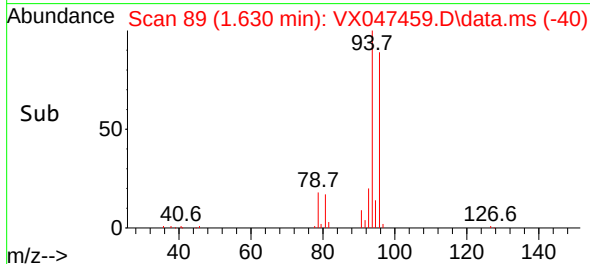
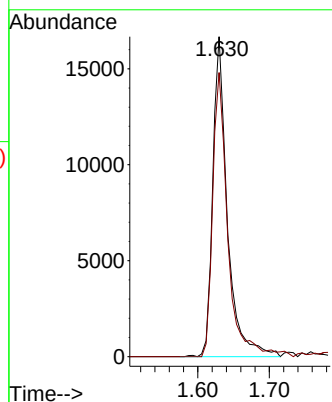
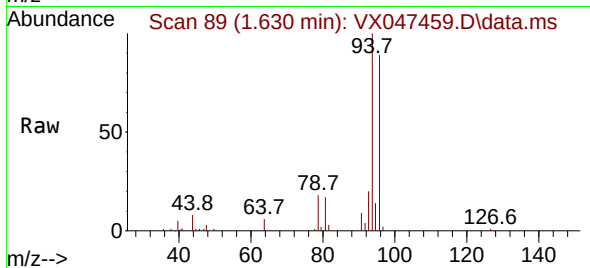




#5
Bromomethane
Concen: 17.622 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

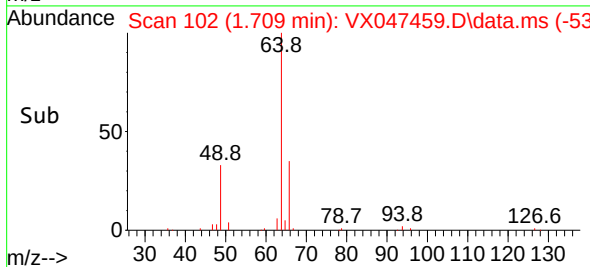
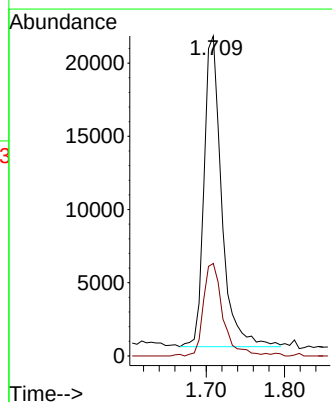
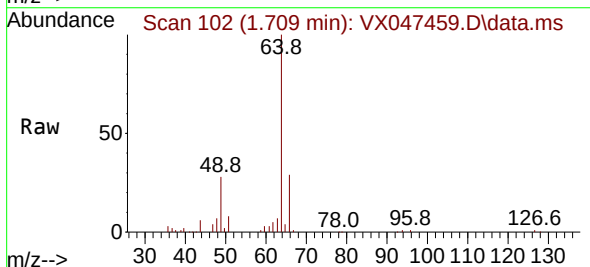
Instrument :
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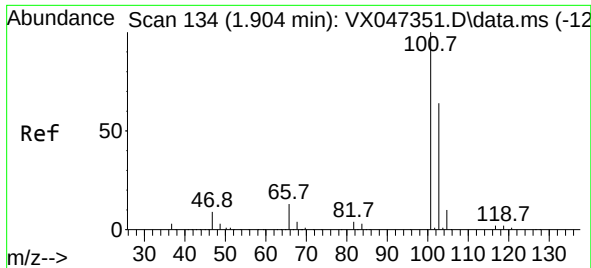
Tgt Ion: 94 Resp: 23583
Ion Ratio Lower Upper
94 100
96 78.0 74.7 112.1



#6
Chloroethane
Concen: 16.335 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 64 Resp: 33113
Ion Ratio Lower Upper
64 100
66 29.2 24.4 36.6

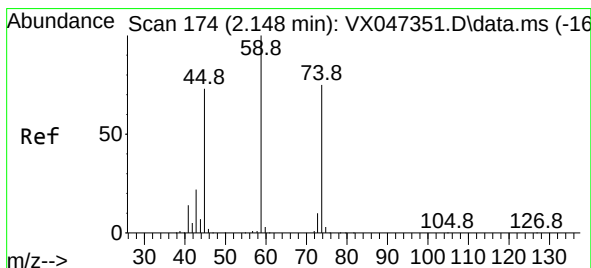
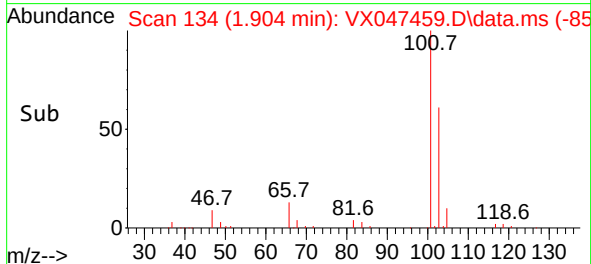
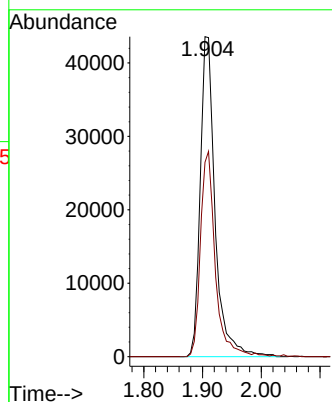
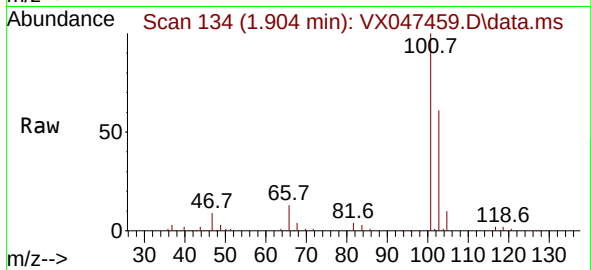




#7
 Trichlorofluoromethane
 Concen: 15.612 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047459.D
 Acq: 21 Aug 2025 11:18

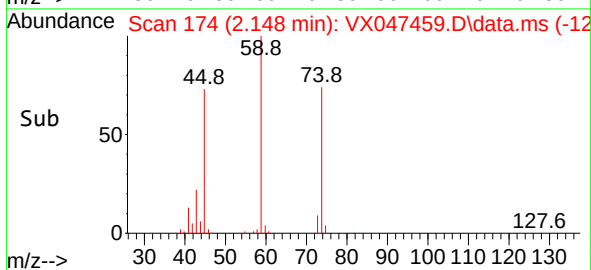
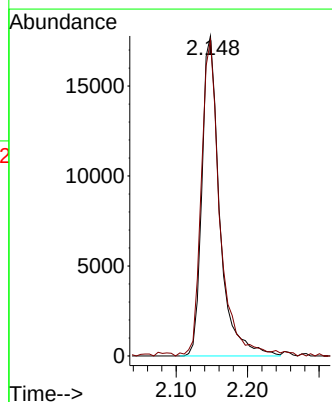
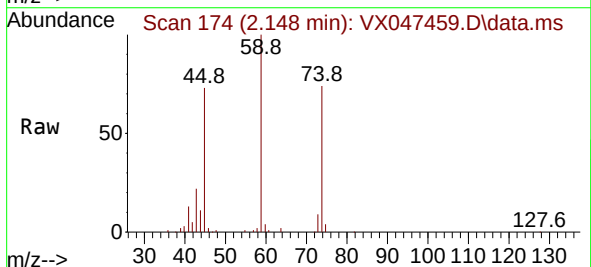
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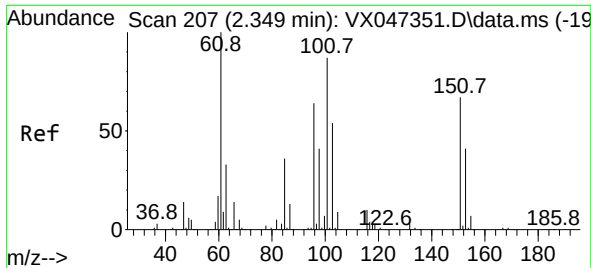
Tgt Ion:101 Resp: 76510
 Ion Ratio Lower Upper
 101 100
 103 60.7 50.9 76.3



#8
 Diethyl Ether
 Concen: 17.738 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047459.D
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Tgt Ion: 74 Resp: 30610
 Ion Ratio Lower Upper
 74 100
 45 103.3 51.3 154.0

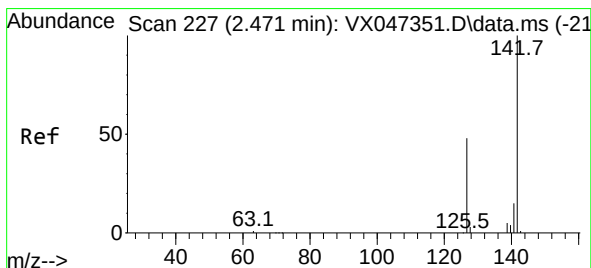
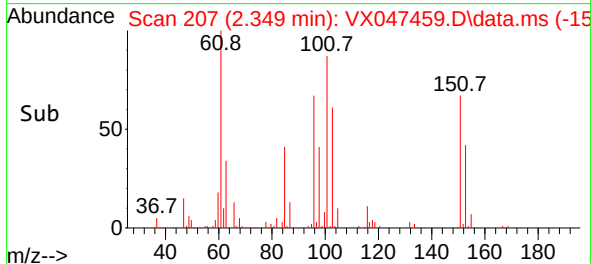
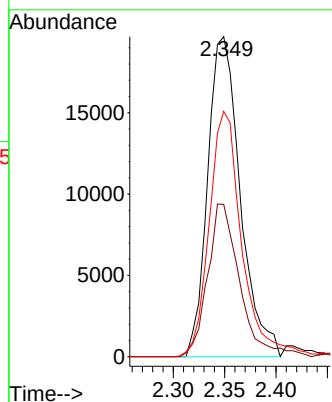
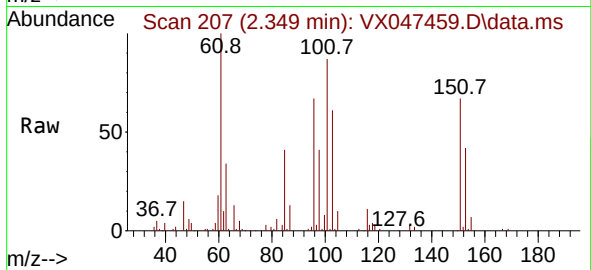




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.250 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047459.D
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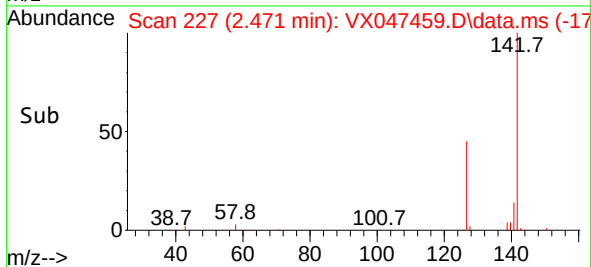
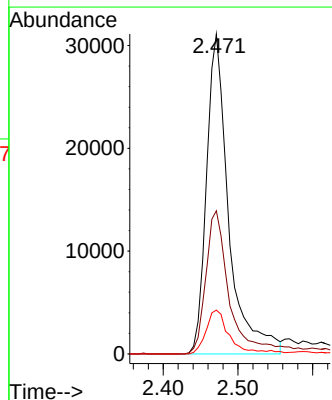
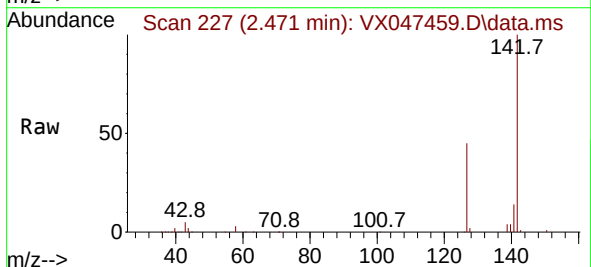
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

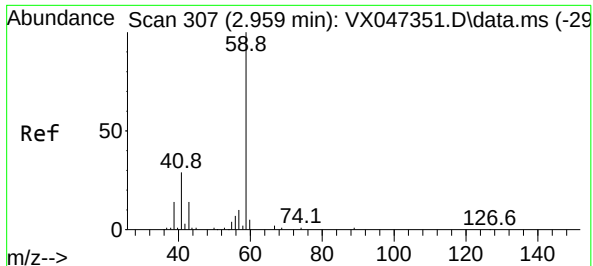
Tgt Ion:	101	Resp:	43355
Ion Ratio	Lower	Upper	
101	100		
85	47.0	34.3	51.5
151	76.7	59.2	88.8



#10
Methyl Iodide
Concen: 13.201 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:	142	Resp:	64312
Ion Ratio	Lower	Upper	
142	100		
127	48.5	36.1	54.1
141	14.6	11.1	16.7





#11

Tert butyl alcohol

Concen: 83.599 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

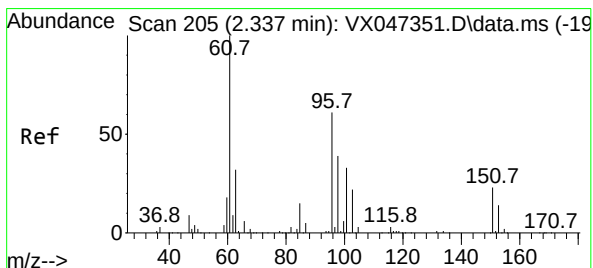
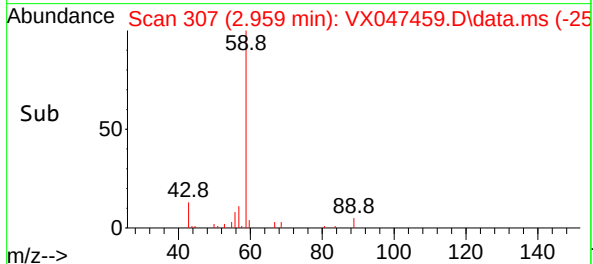
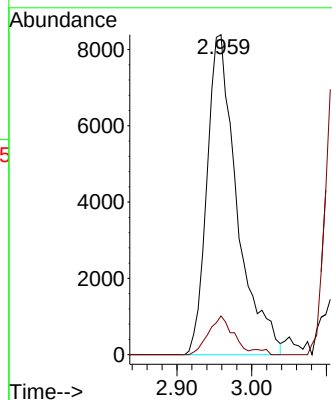
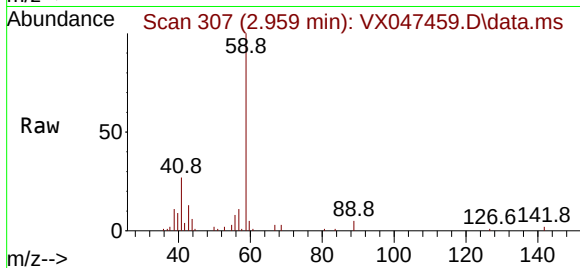
VX0821WBSD01

Tgt Ion: 59 Resp: 23429

Ion Ratio Lower Upper

59 100

57 10.0 8.3 12.5



#12

1,1-Dichloroethene

Concen: 15.904 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

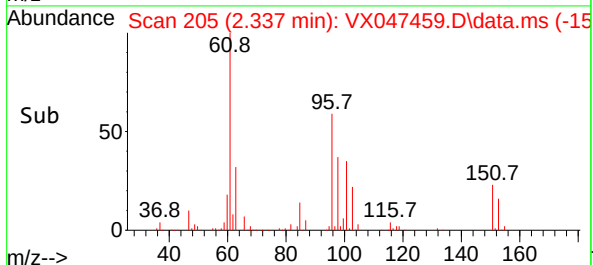
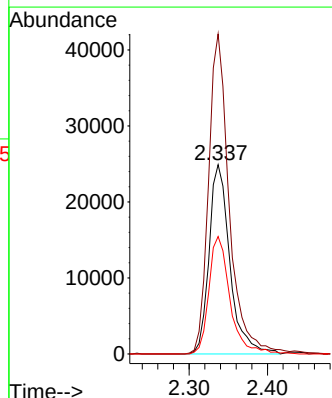
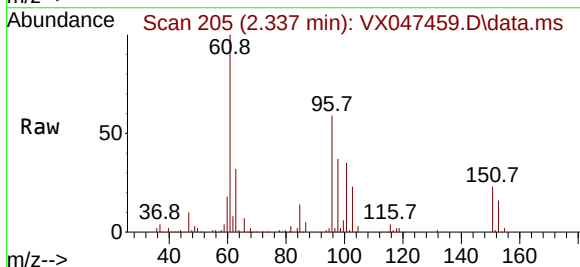
Tgt Ion: 96 Resp: 46095

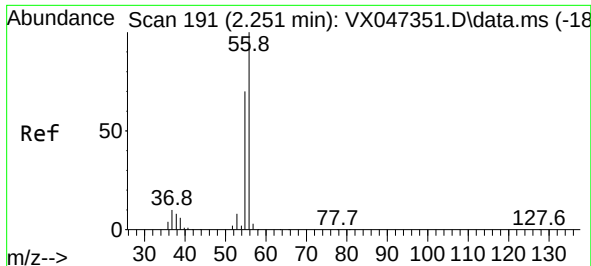
Ion Ratio Lower Upper

96 100

61 169.1 132.2 198.2

98 64.9 51.2 76.8





#13

Acrolein

Concen: 94.524 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

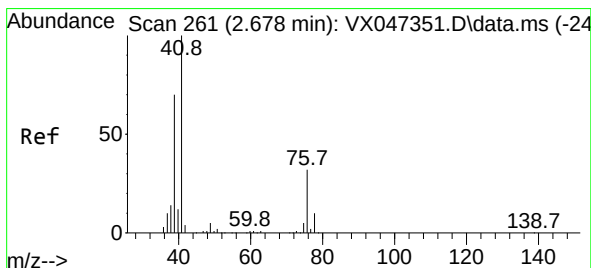
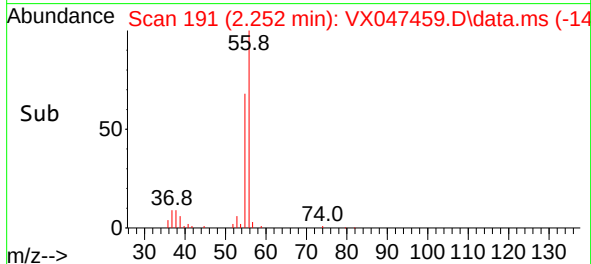
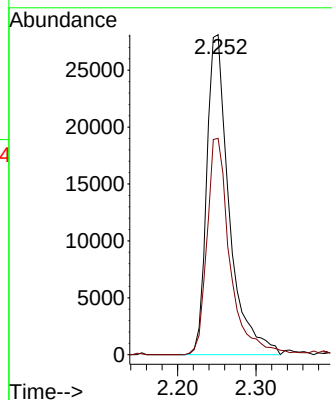
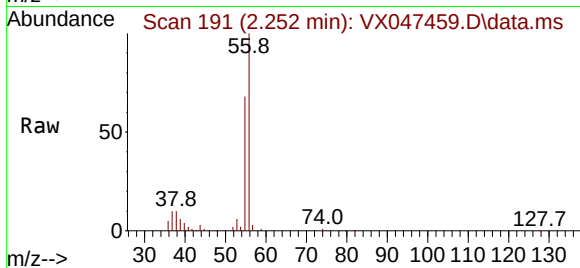
VX0821WBSD01

Tgt Ion: 56 Resp: 55921

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



#14

Allyl chloride

Concen: 16.491 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

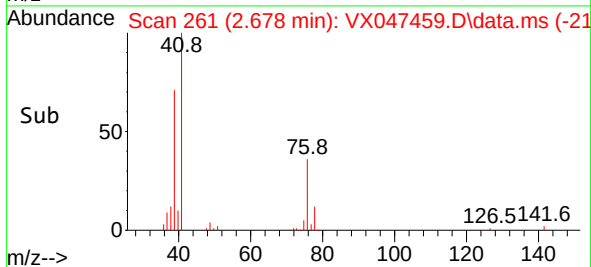
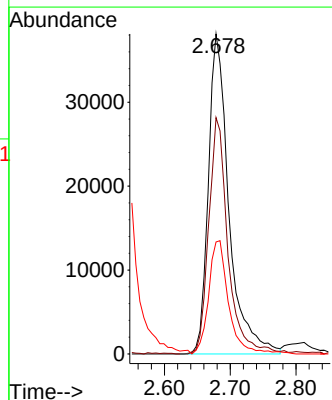
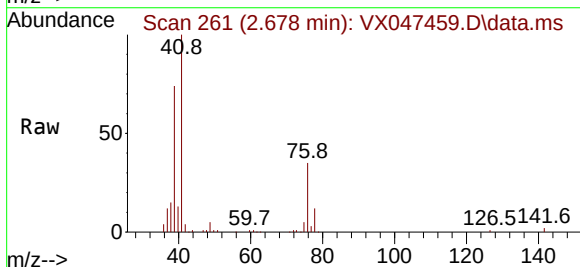
Tgt Ion: 41 Resp: 83014

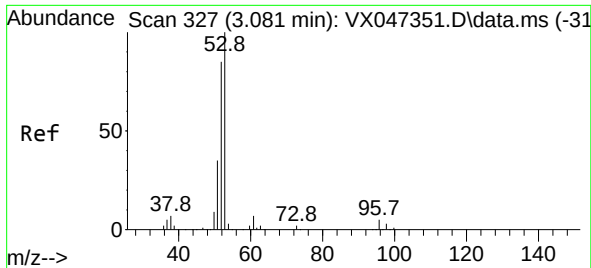
Ion Ratio Lower Upper

41 100

39 69.2 54.6 81.8

76 34.4 27.6 41.4

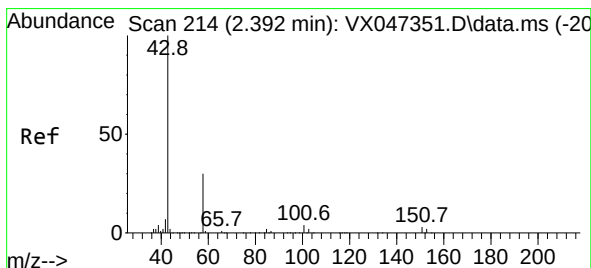
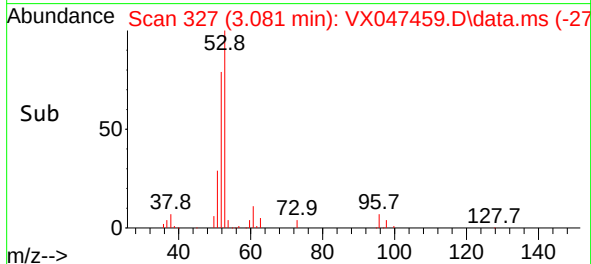
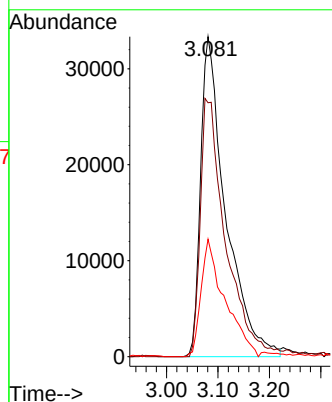
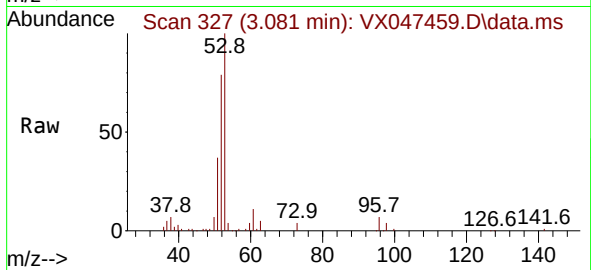




#15
Acrylonitrile
Concen: 83.171 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

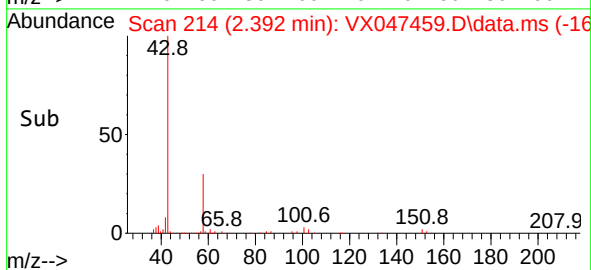
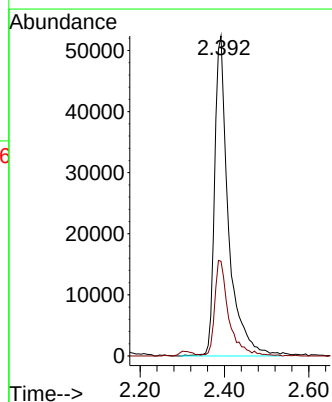
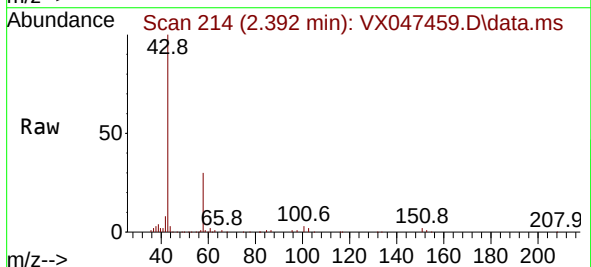
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

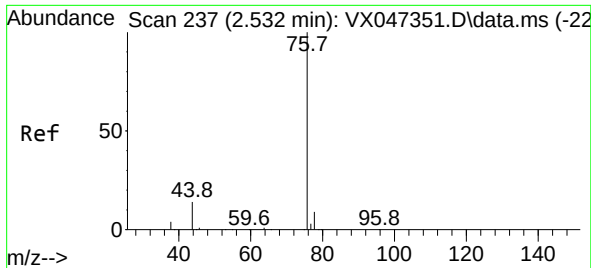
Tgt Ion: 53 Resp: 112634
Ion Ratio Lower Upper
53 100
52 81.5 65.8 98.6
51 35.0 28.2 42.2



#16
Acetone
Concen: 98.887 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 43 Resp: 119744
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2

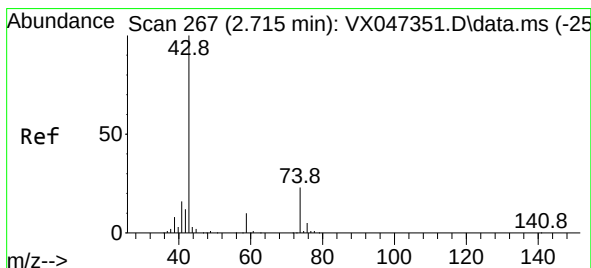
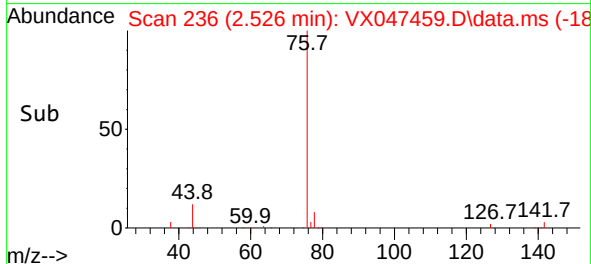
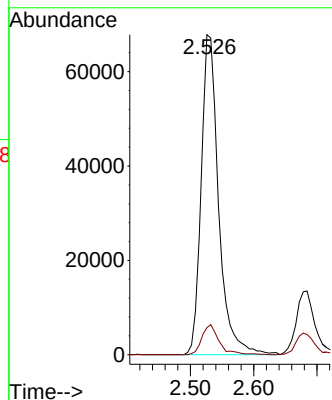
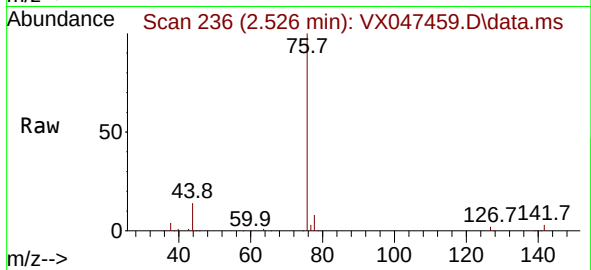




#17
Carbon Disulfide
Concen: 14.912 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

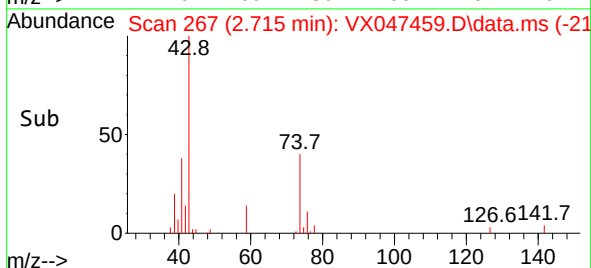
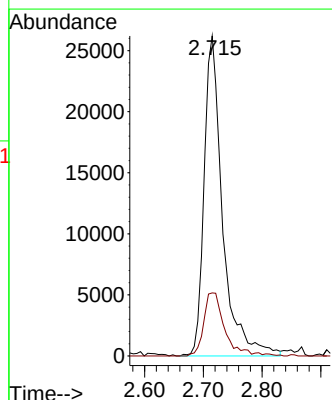
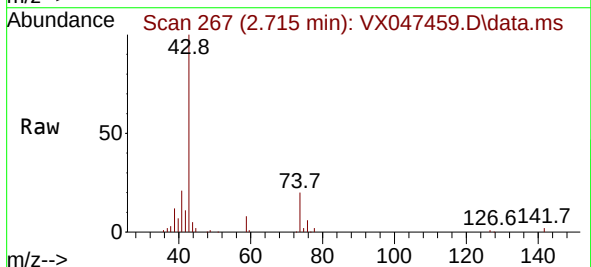
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

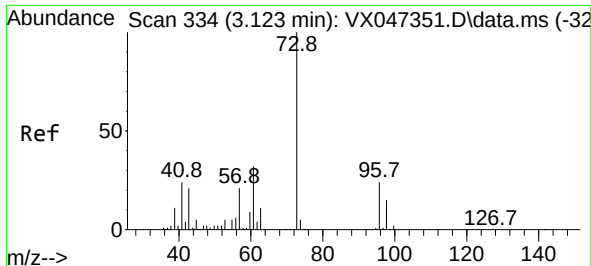
Tgt Ion: 76 Resp: 130420
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 18.265 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 43 Resp: 57314
Ion Ratio Lower Upper
43 100
74 22.4 18.4 27.6

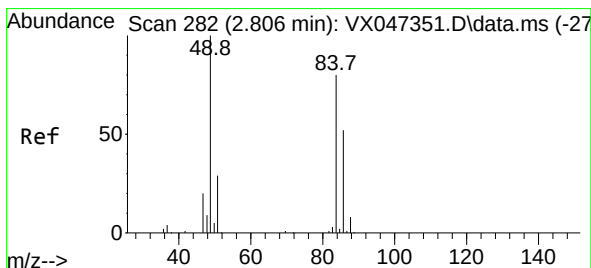
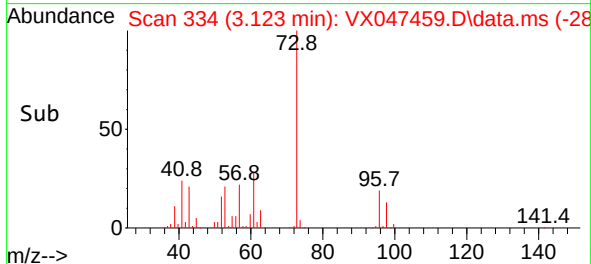
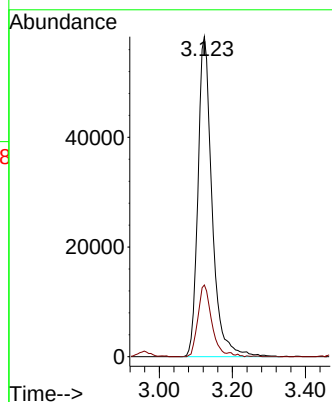
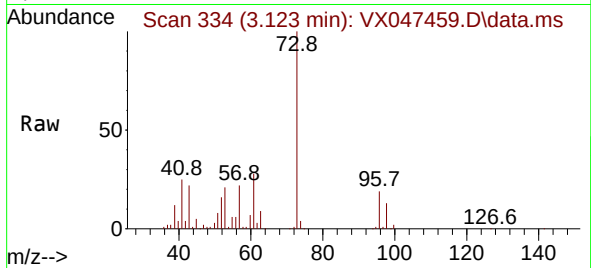




#19
Methyl tert-butyl Ether
Concen: 17.782 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

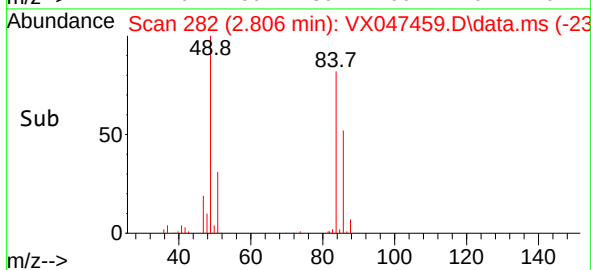
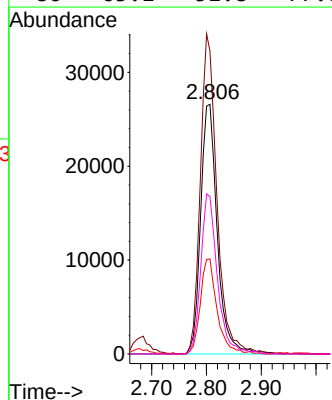
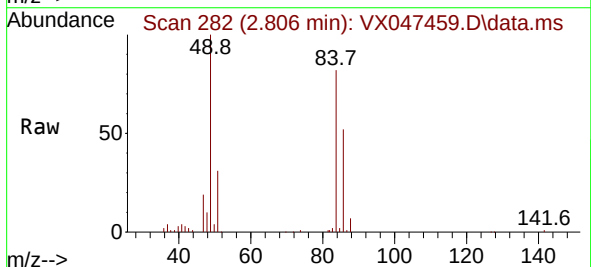
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

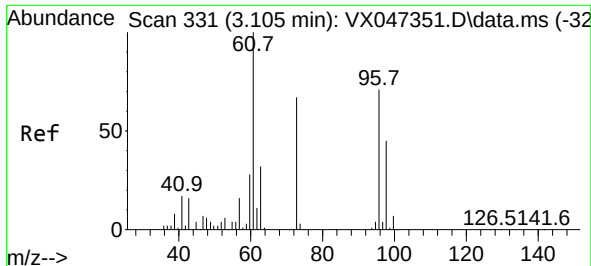
Tgt Ion: 73 Resp: 156783
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6



#20
Methylene Chloride
Concen: 17.569 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 84 Resp: 56335
Ion Ratio Lower Upper
84 100
49 121.2 100.1 150.1
51 38.1 29.5 44.3
86 63.1 51.8 77.8

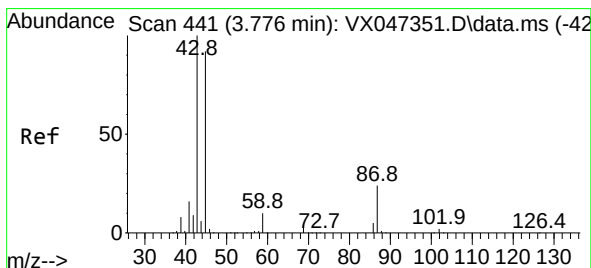
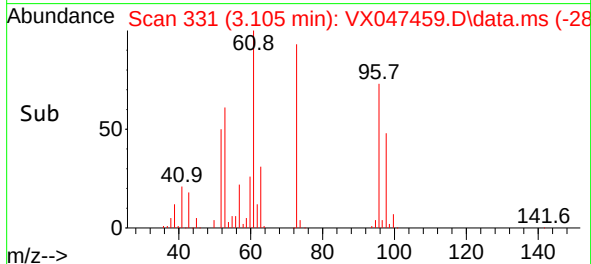
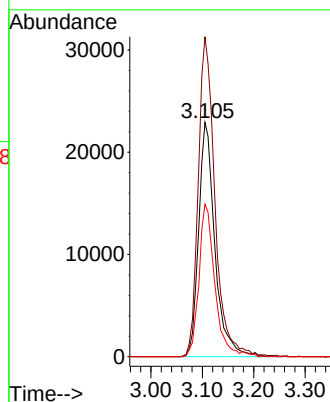
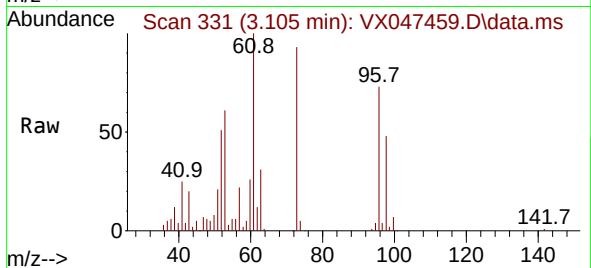




#21
trans-1,2-Dichloroethene
Concen: 16.398 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

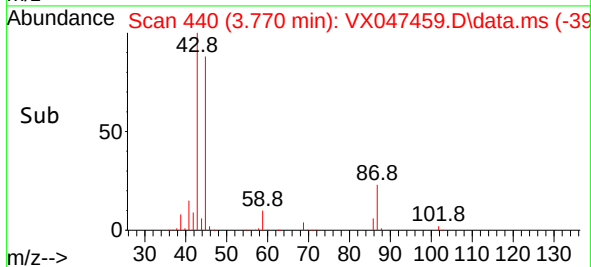
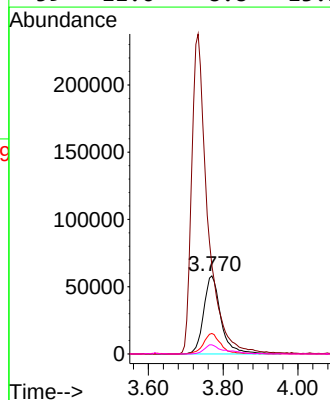
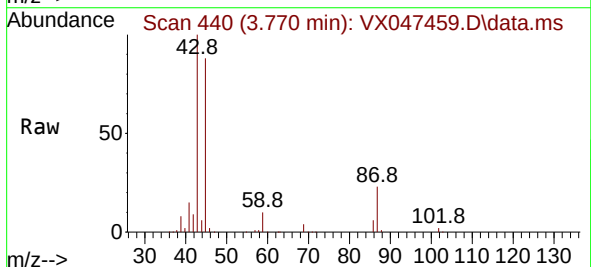
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

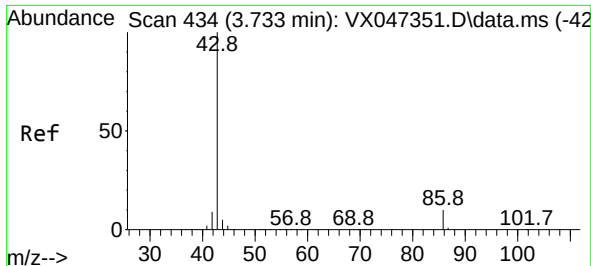
Tgt Ion: 96 Resp: 50443
Ion Ratio Lower Upper
96 100
61 129.8 112.6 169.0
98 64.0 50.9 76.3



#22
Diisopropyl ether
Concen: 18.692 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 45 Resp: 185995
Ion Ratio Lower Upper
45 100
43 113.1 86.8 130.2
87 26.3 20.4 30.6
59 11.6 8.8 13.2

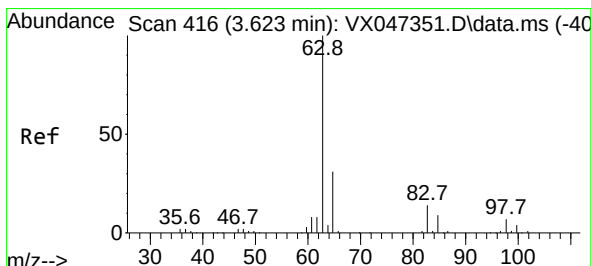
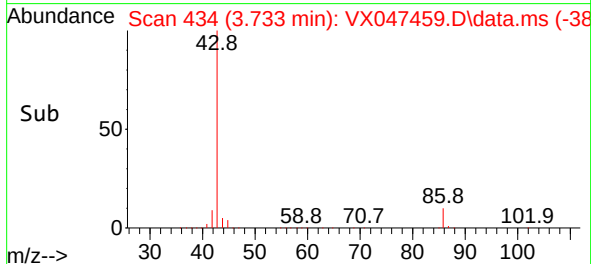
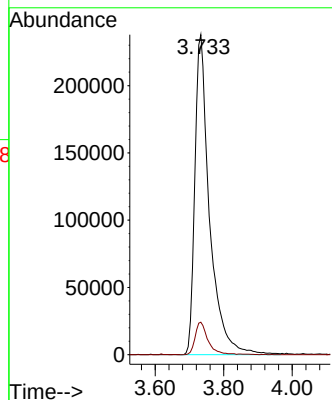
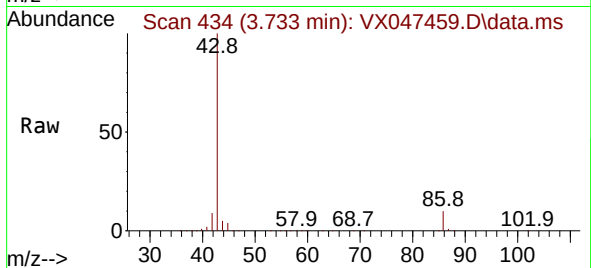




#23
Vinyl Acetate
Concen: 87.168 ug/l
RT: 3.733 min Scan# 411
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

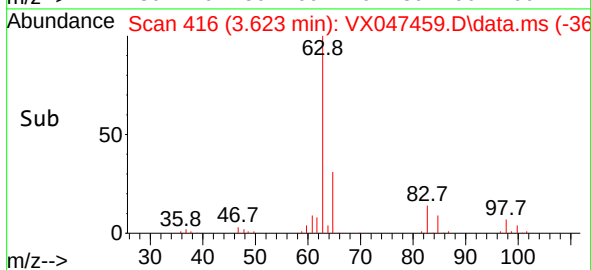
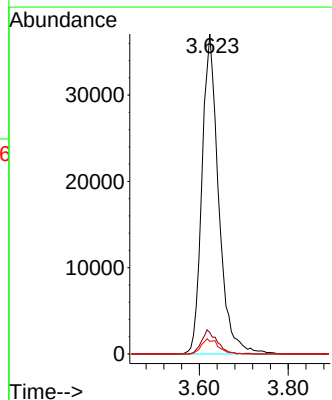
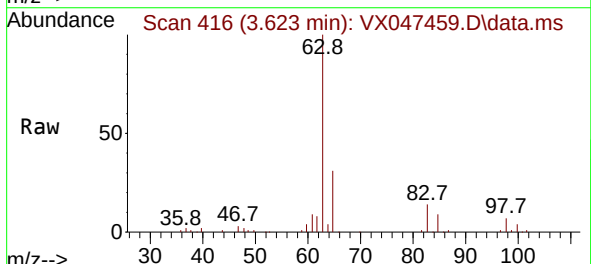
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

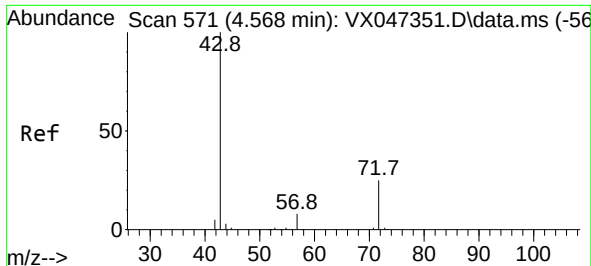
Tgt Ion: 43 Resp: 710919
Ion Ratio Lower Upper
43 100
86 10.2 7.9 11.9



#24
1,1-Dichloroethane
Concen: 17.193 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 63 Resp: 96696
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 4.0 2.1 6.3

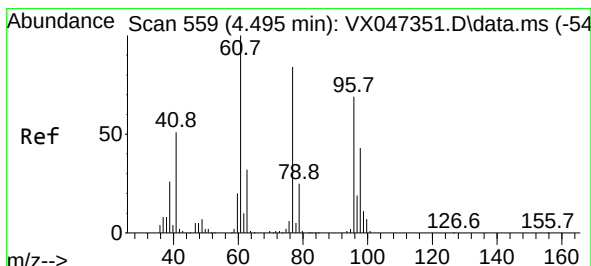
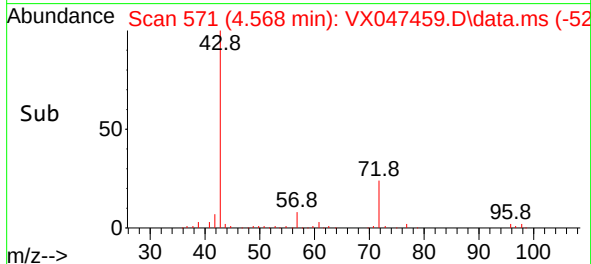
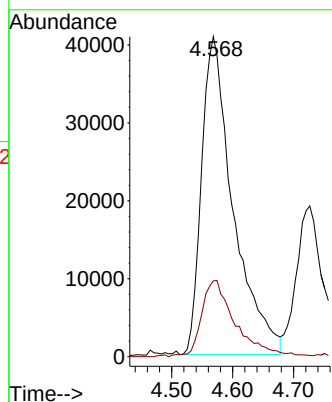
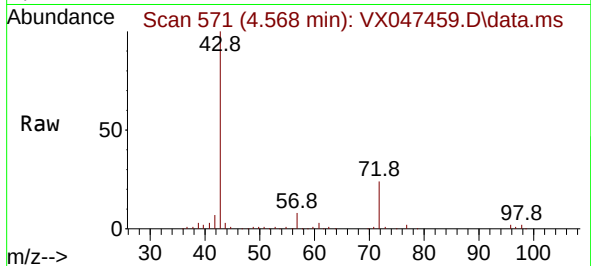




#25
2-Butanone
Concen: 92.688 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

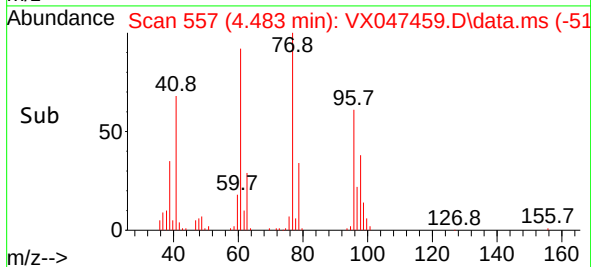
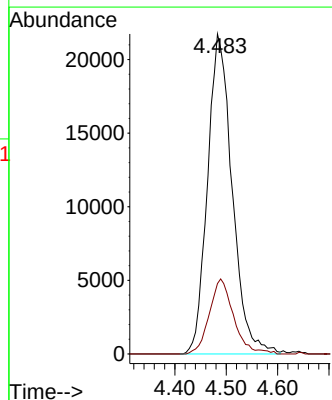
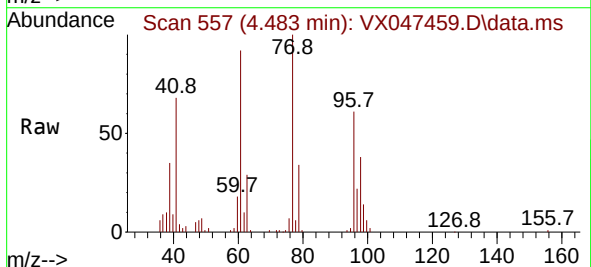
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

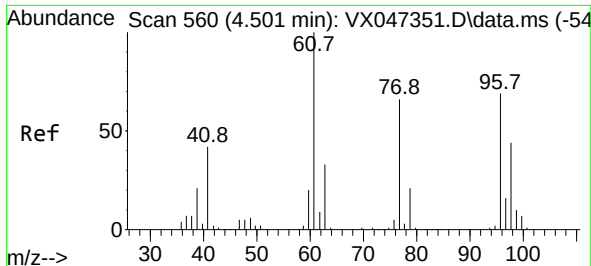
Tgt Ion: 43 Resp: 146994
Ion Ratio Lower Upper
43 100
72 22.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 17.066 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 77 Resp: 72446
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.289 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

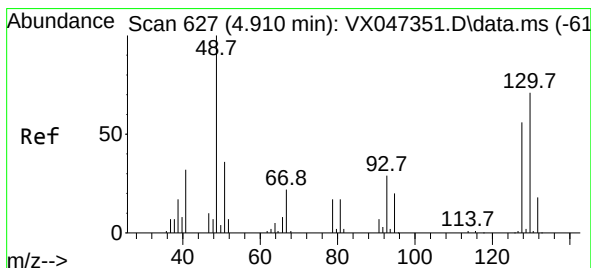
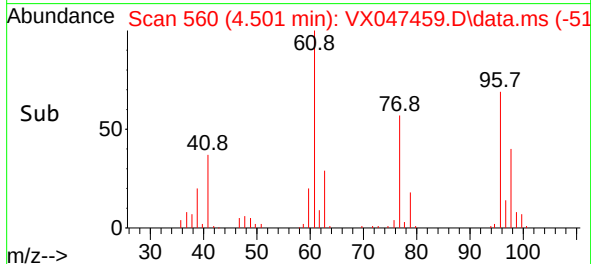
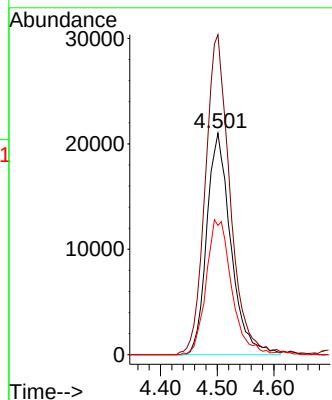
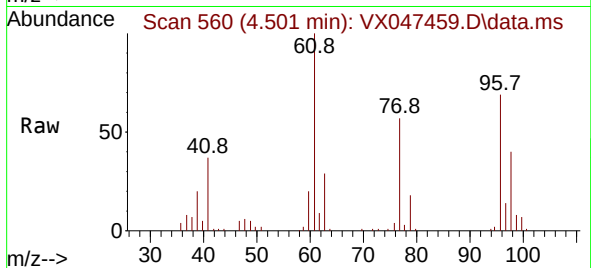
Tgt Ion: 96 Resp: 61942

Ion Ratio Lower Upper

96 100

61 149.0 0.0 296.6

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 23.549 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

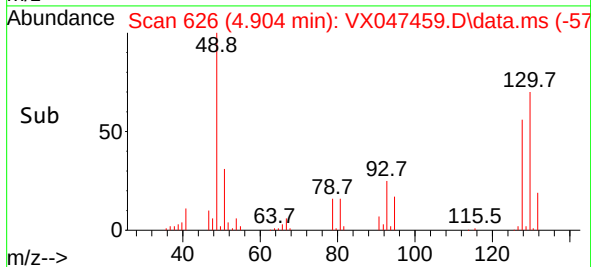
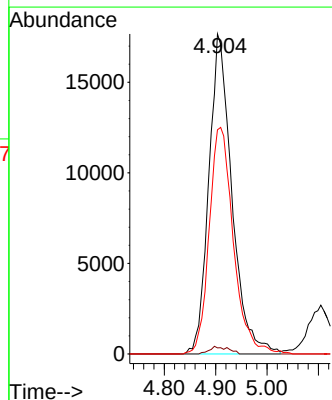
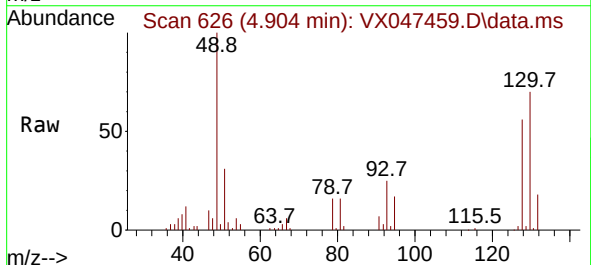
Tgt Ion: 49 Resp: 55114

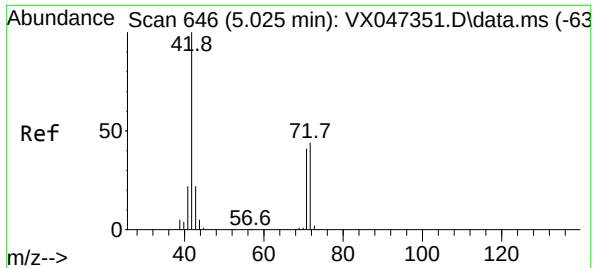
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 74.4 59.8 89.6





#29

Tetrahydrofuran

Concen: 86.057 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

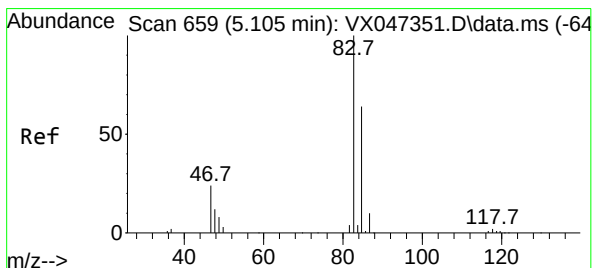
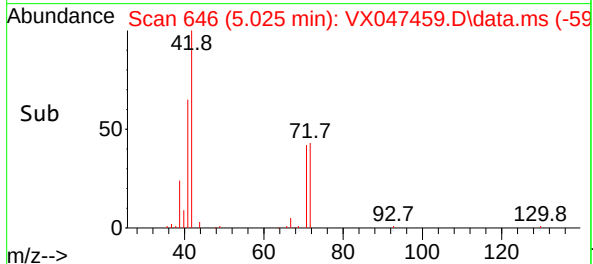
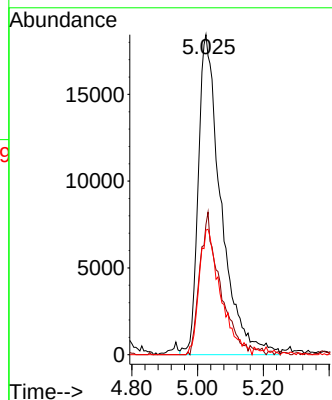
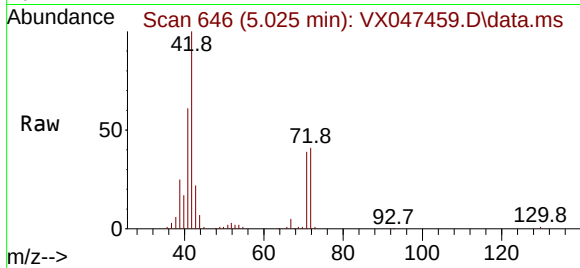
Tgt Ion: 42 Resp: 88211

Ion Ratio Lower Upper

42 100

72 39.5 34.6 51.8

71 37.3 32.6 49.0



#30

Chloroform

Concen: 17.441 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047459.D

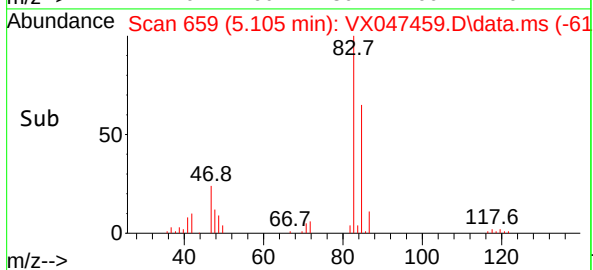
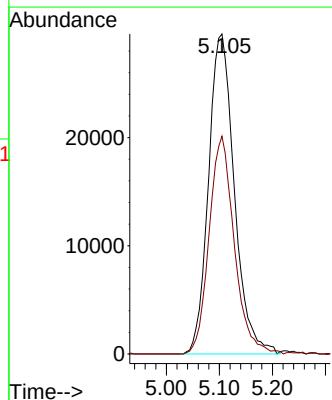
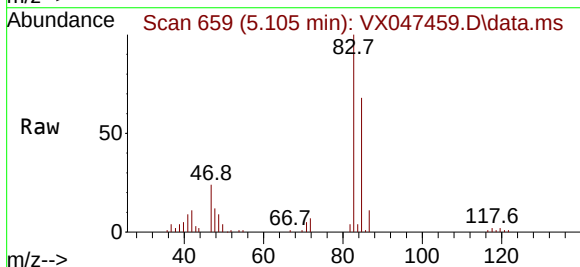
Acq: 21 Aug 2025 11:18

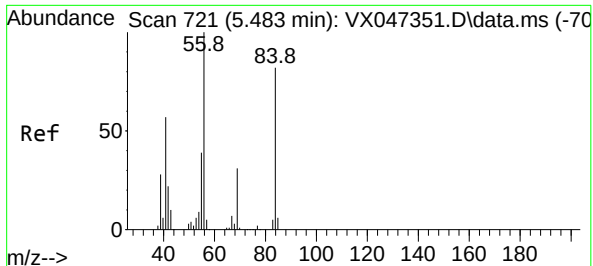
Tgt Ion: 83 Resp: 100110

Ion Ratio Lower Upper

83 100

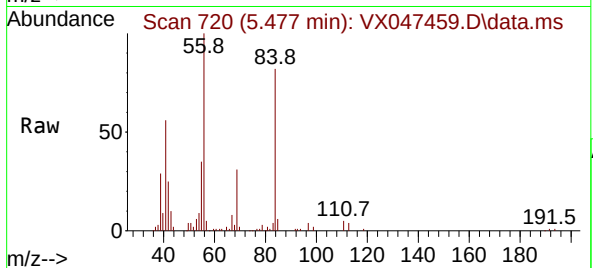
85 68.0 51.2 76.8





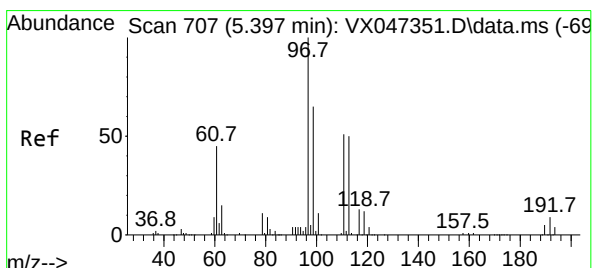
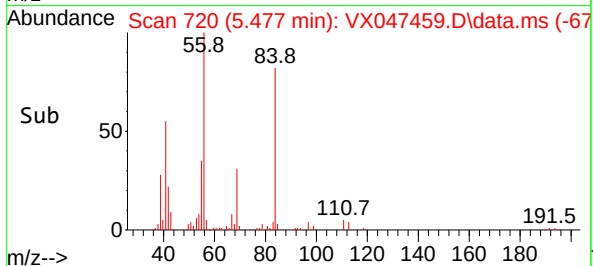
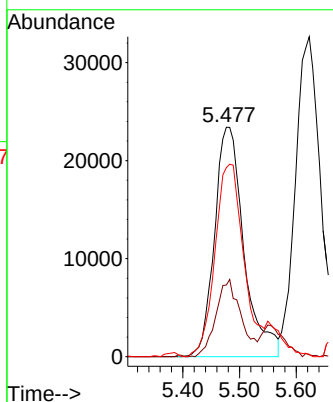
#31
Cyclohexane
Concen: 16.245 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01



Tgt Ion: 56 Resp: 84224

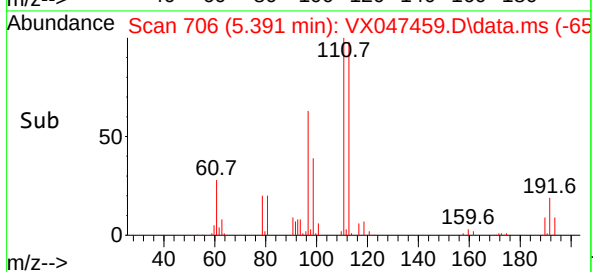
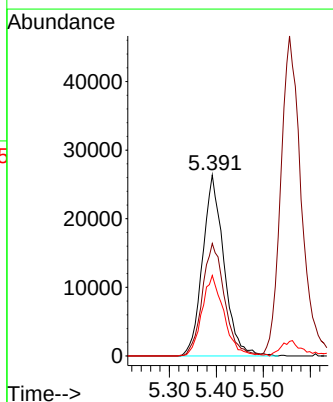
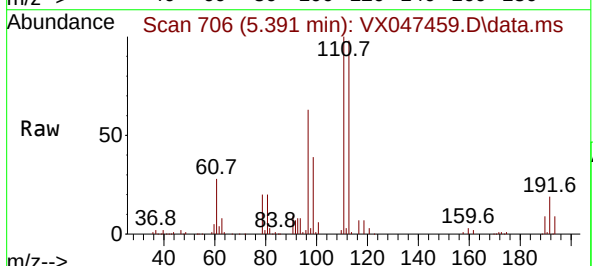
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.3	36.5
84	81.4	65.3	97.9

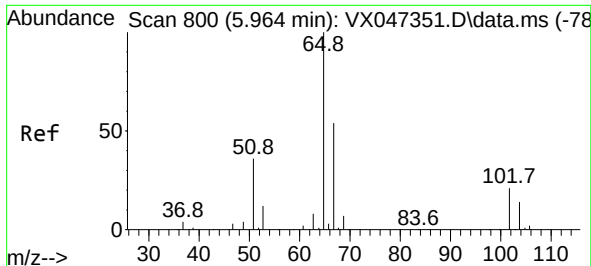


#32
1,1,1-Trichloroethane
Concen: 16.822 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 97 Resp: 83111

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	45.8	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 51.749 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

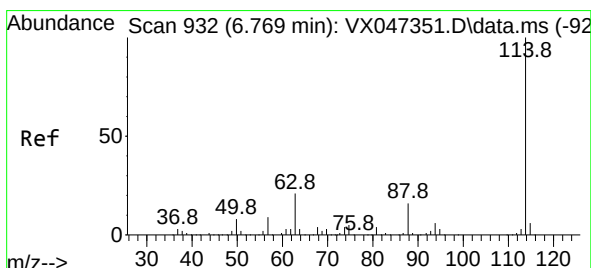
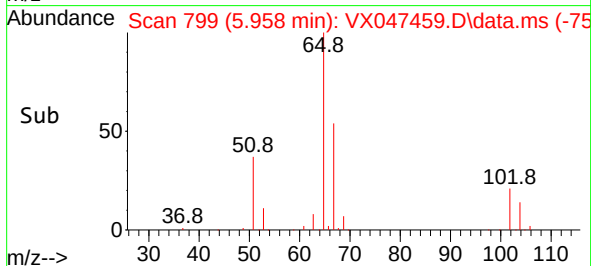
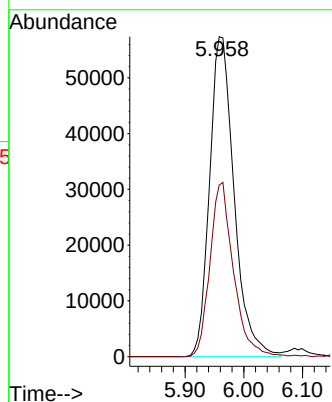
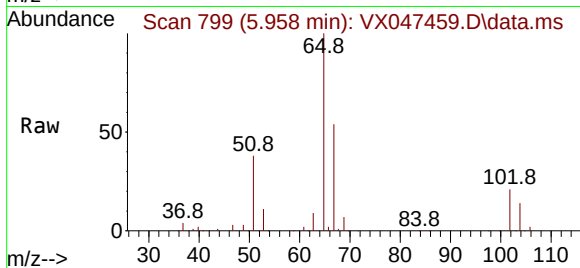
VX0821WBSD01

Tgt Ion: 65 Resp: 166710

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

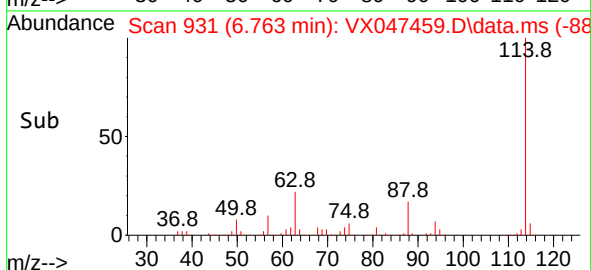
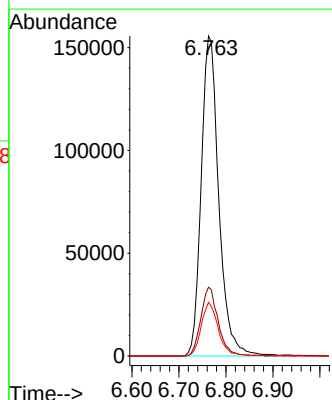
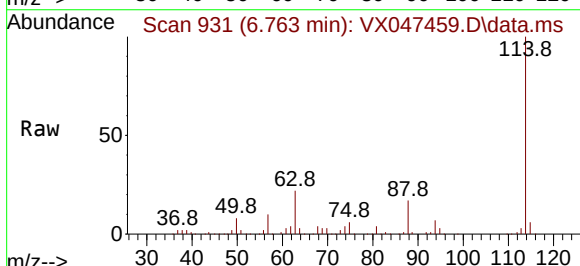
Tgt Ion: 114 Resp: 404402

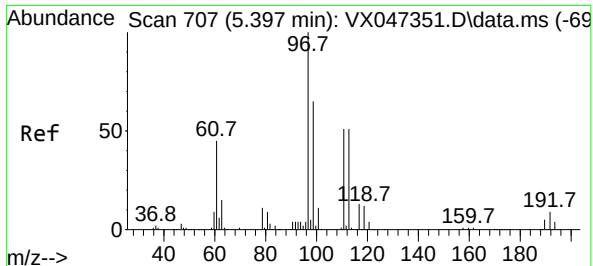
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 16.8 0.0 33.0

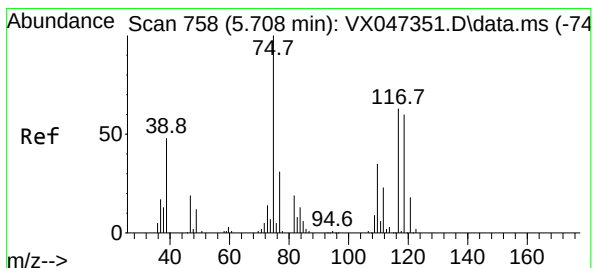
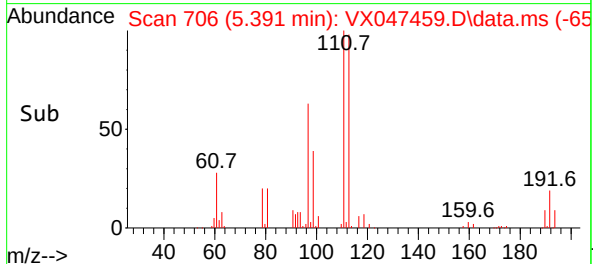
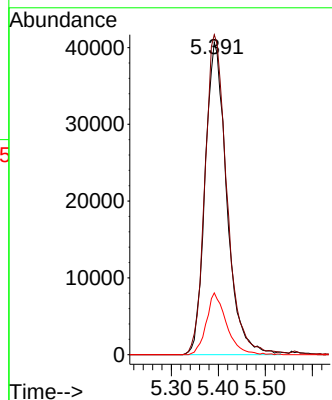
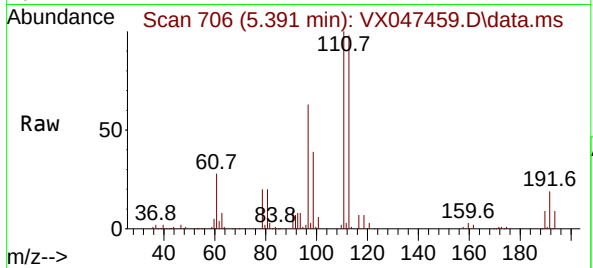




#35
Dibromofluoromethane
Concen: 49.614 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

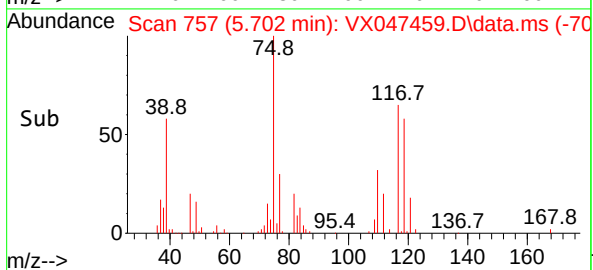
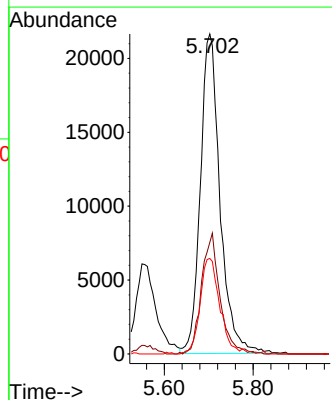
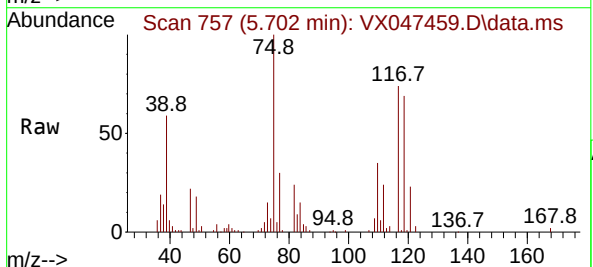
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

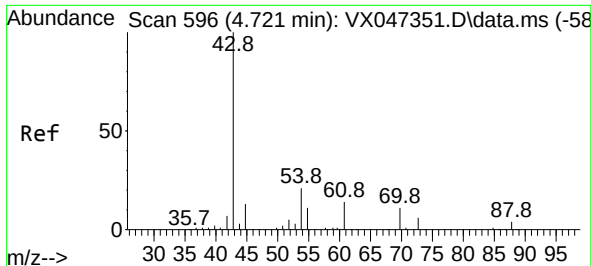
Tgt Ion:113 Resp: 130216
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.2
192 18.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 16.083 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 75 Resp: 66636
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 13.821 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

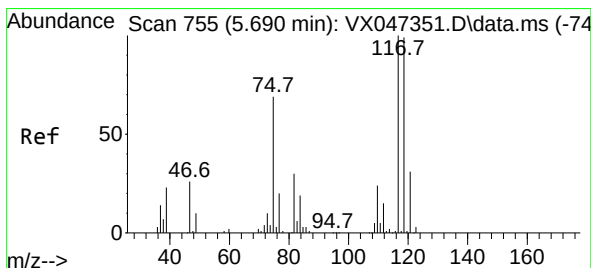
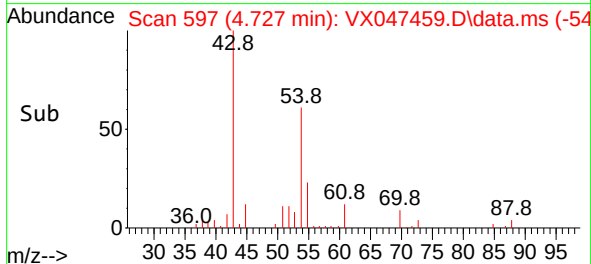
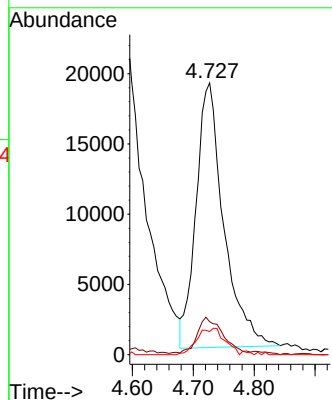
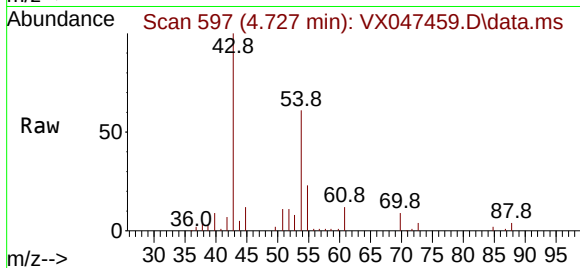
Tgt Ion: 43 Resp: 59449

Ion Ratio Lower Upper

43 100

61 12.4 9.4 14.2

70 9.9 7.0 10.6



#38

Carbon Tetrachloride

Concen: 15.743 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

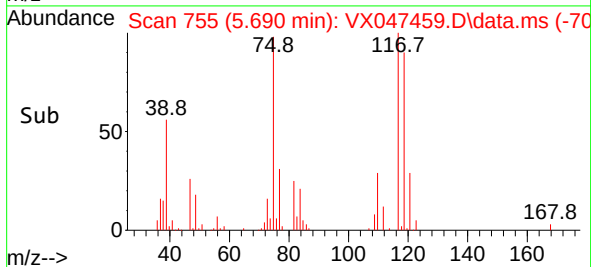
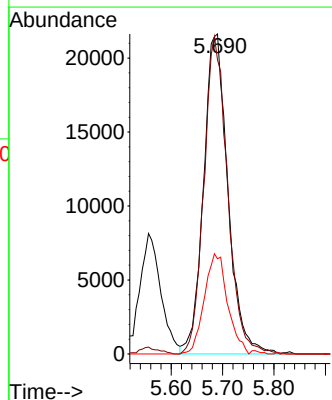
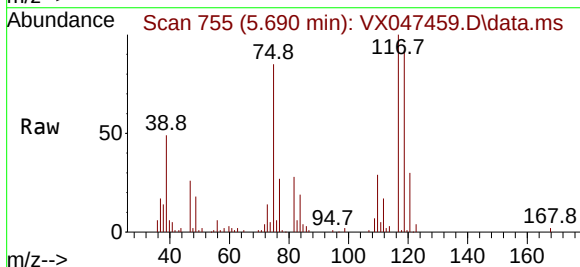
Tgt Ion: 117 Resp: 71278

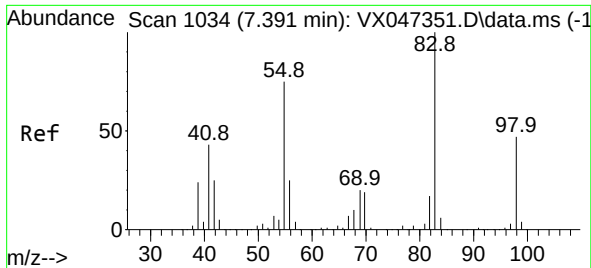
Ion Ratio Lower Upper

117 100

119 92.0 78.5 117.7

121 29.8 24.7 37.1

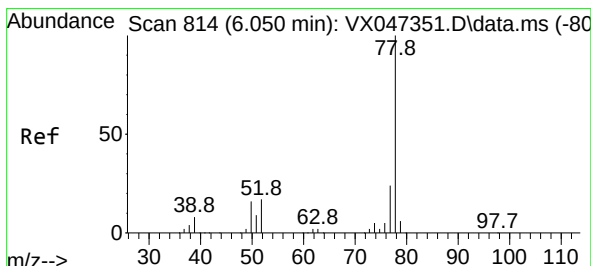
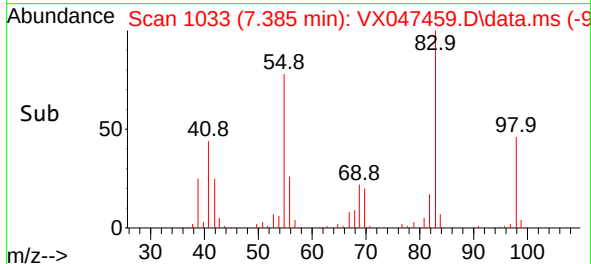
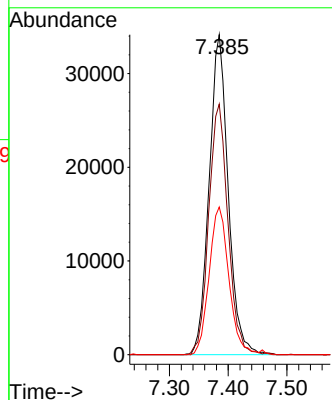
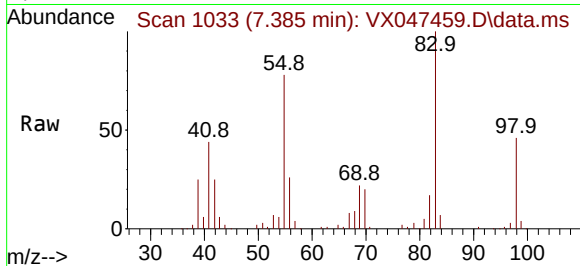




#39
Methylcyclohexane
Concen: 14.880 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

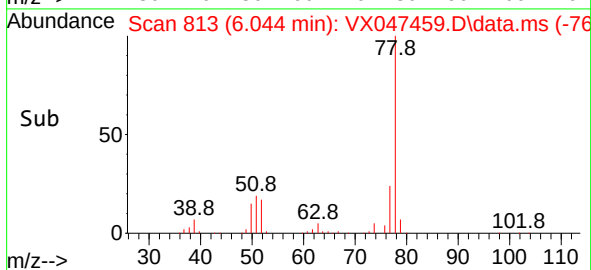
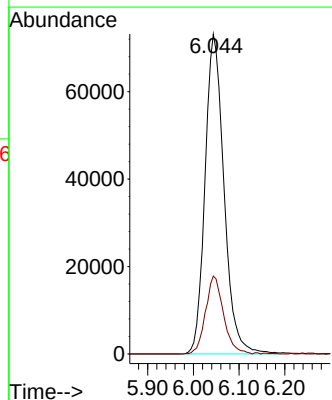
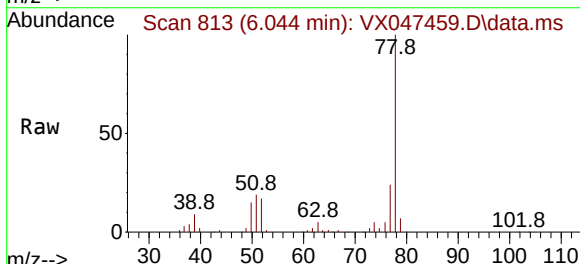
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

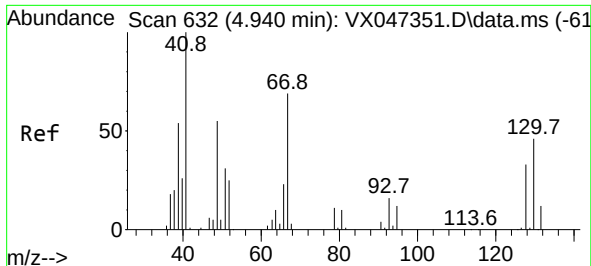
Tgt Ion: 83 Resp: 76898
Ion Ratio Lower Upper
83 100
55 78.3 60.0 90.0
98 46.2 37.2 55.8



#40
Benzene
Concen: 17.041 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 78 Resp: 211325
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

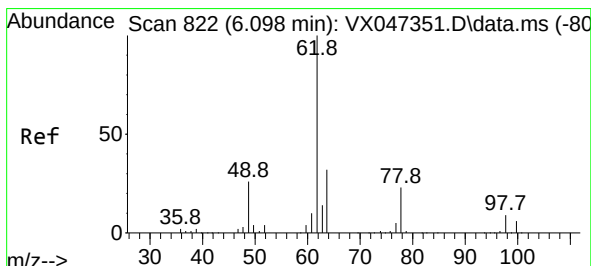
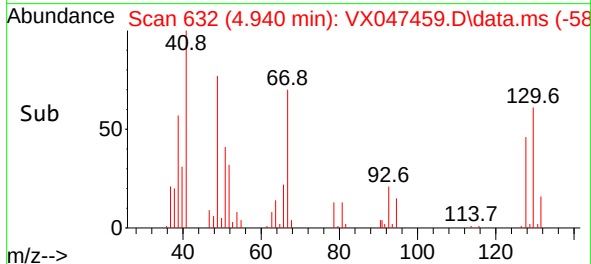
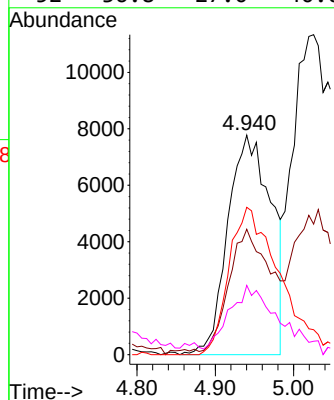
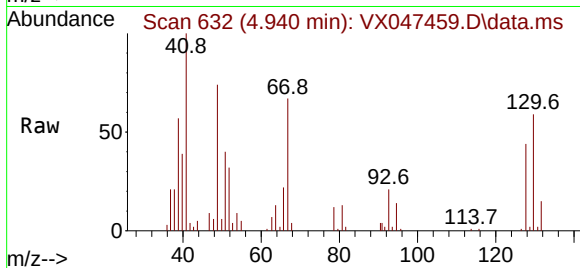




#41
Methacrylonitrile
Concen: 16.484 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

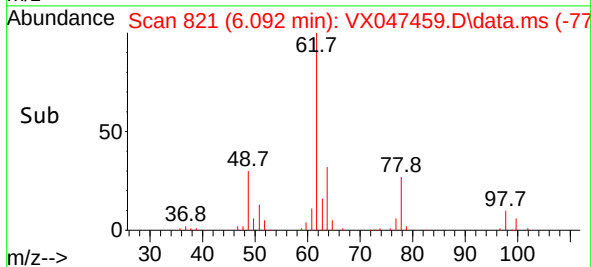
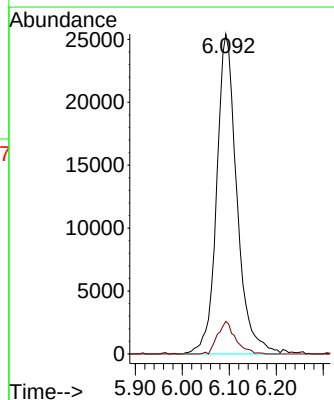
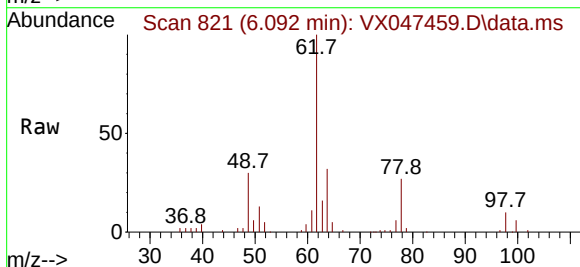
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

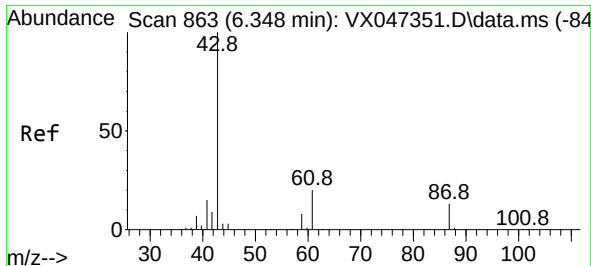
Tgt Ion:	41	Resp:	29899
Ion	Ratio	Lower	Upper
41	100		
39	53.6	45.4	68.2
67	79.7	64.0	96.0
52	36.8	27.0	40.6



#42
1,2-Dichloroethane
Concen: 17.311 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:	62	Resp:	76040
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

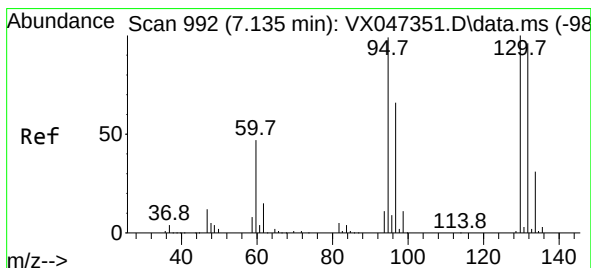
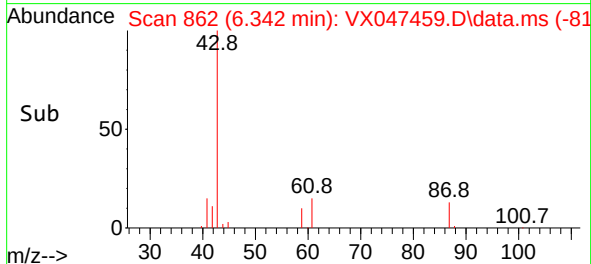
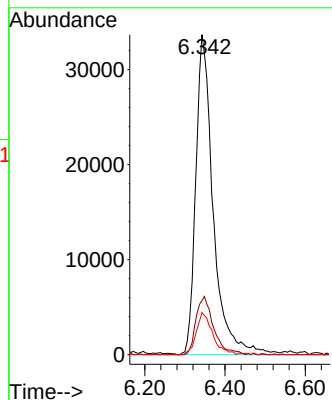
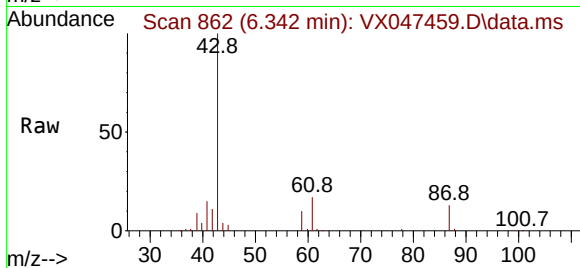




#43
Isopropyl Acetate
Concen: 16.447 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

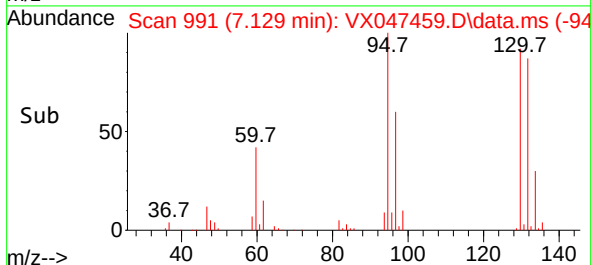
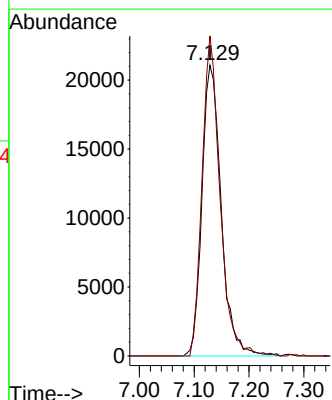
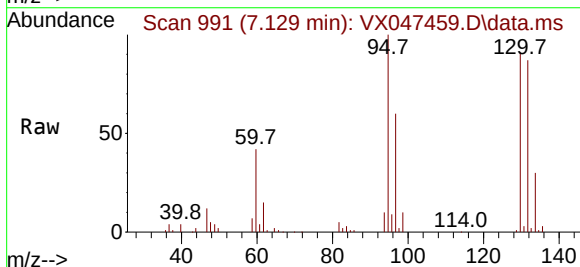
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

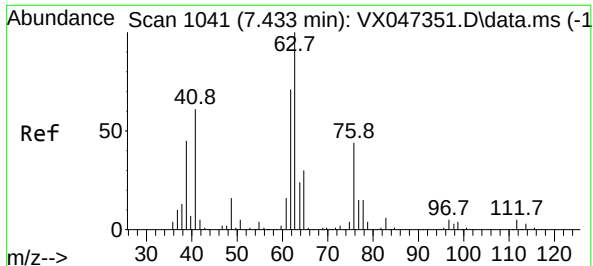
Tgt Ion: 43 Resp: 101628
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0
87 12.2 10.2 15.4



#44
Trichloroethene
Concen: 16.165 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:130 Resp: 51330
Ion Ratio Lower Upper
130 100
95 110.1 0.0 198.6

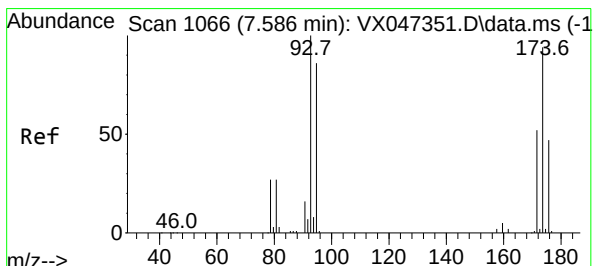
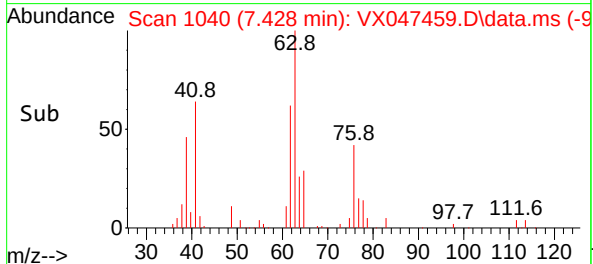
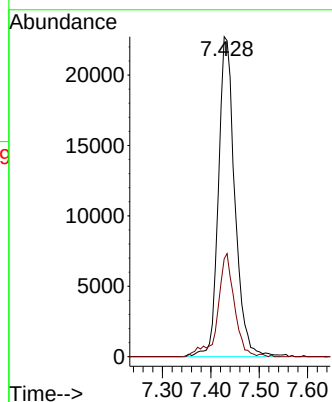
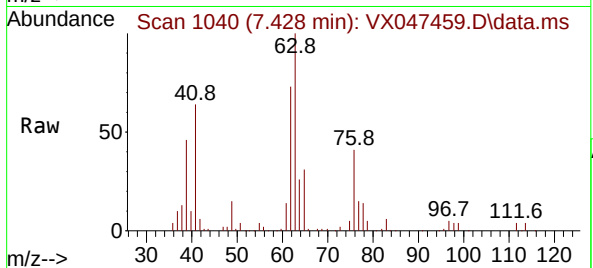




#45
1,2-Dichloropropane
Concen: 17.279 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

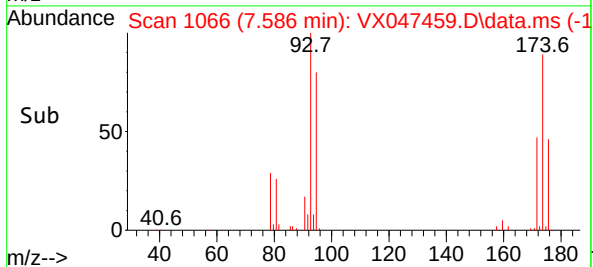
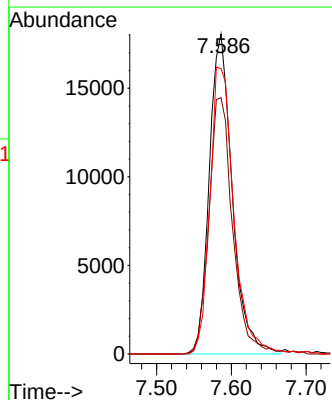
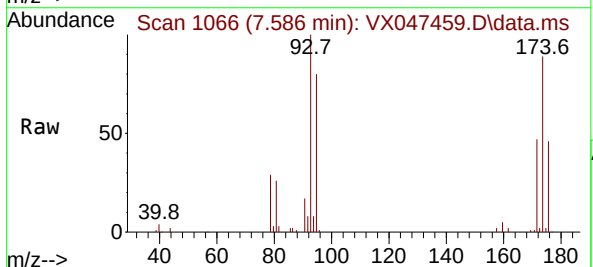
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

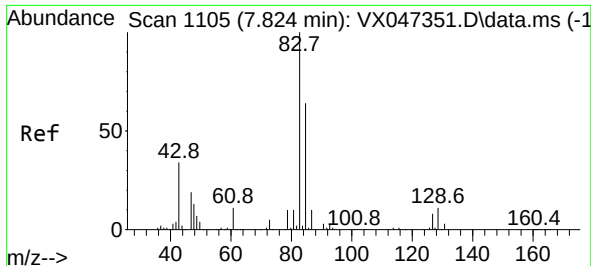
Tgt Ion: 63 Resp: 53681
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 17.074 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 93 Resp: 38511
Ion Ratio Lower Upper
93 100
95 83.0 68.0 102.0
174 93.9 75.8 113.6

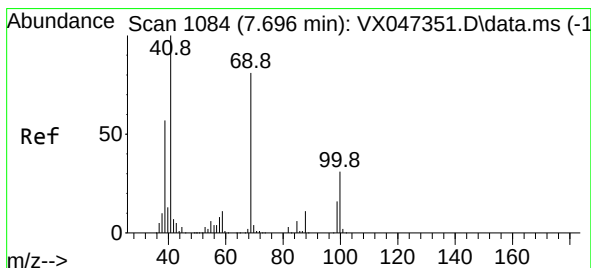
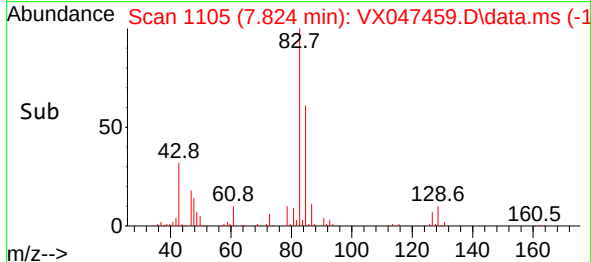
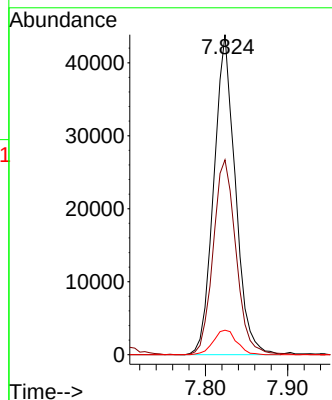
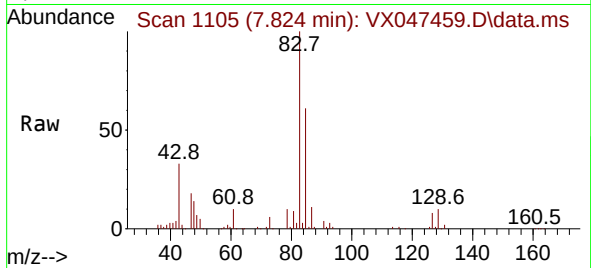




#47
Bromodichloromethane
Concen: 17.021 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

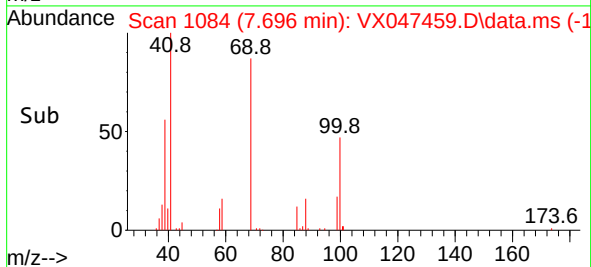
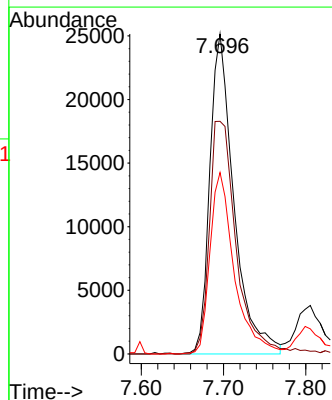
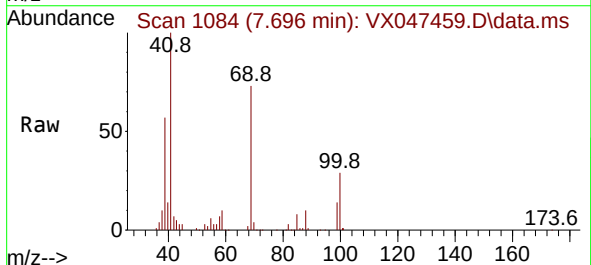
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

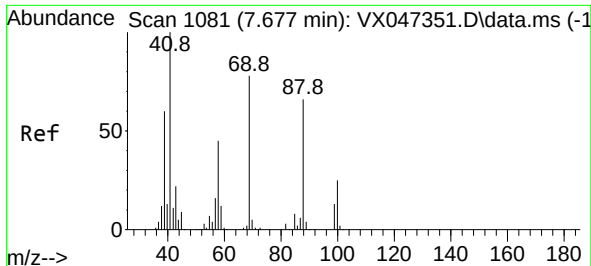
Tgt Ion:	83	Resp:	79586
Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.0	76.6
127	7.6	7.0	10.4



#48
Methyl methacrylate
Concen: 16.001 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:	41	Resp:	51322
Ion	Ratio	Lower	Upper
41	100		
69	80.2	65.0	97.4
39	57.1	45.7	68.5





#49

1,4-Dioxane

Concen: 316.330 ug/l

RT: 7.690 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

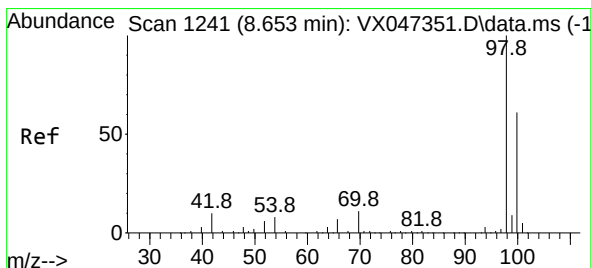
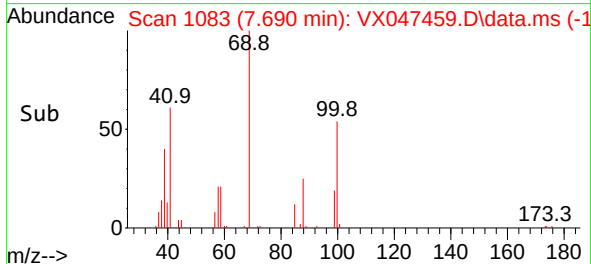
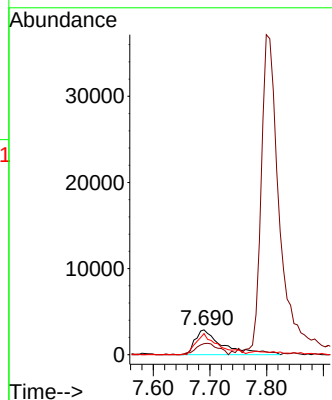
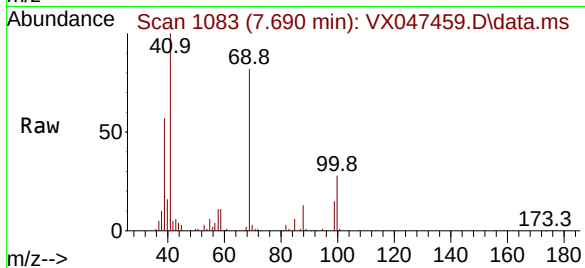
Tgt Ion: 88 Resp: 9863

Ion Ratio Lower Upper

88 100

43 36.2 32.4 48.6

58 67.0 56.9 85.3



#50

Toluene-d8

Concen: 49.432 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047459.D

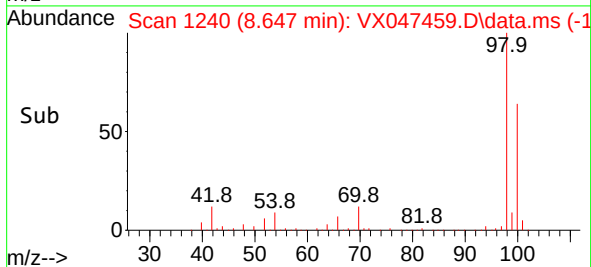
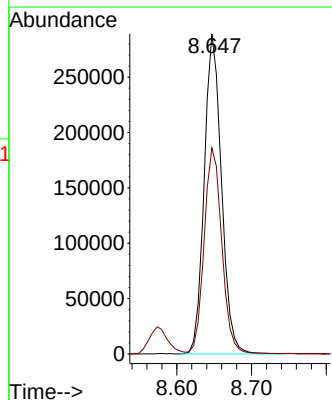
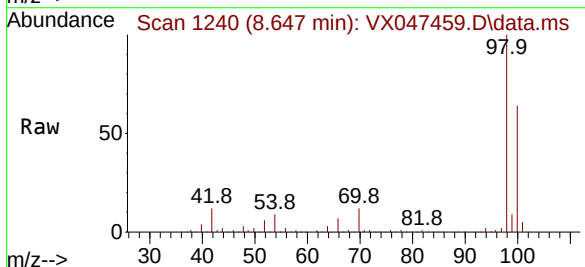
Acq: 21 Aug 2025 11:18

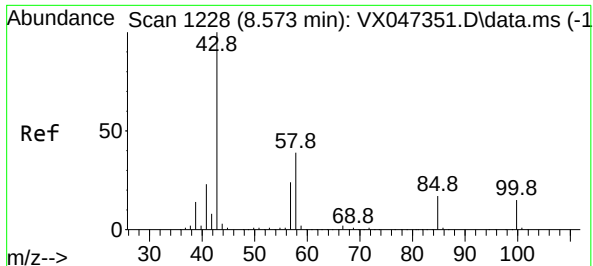
Tgt Ion: 98 Resp: 463724

Ion Ratio Lower Upper

98 100

100 65.6 53.9 80.9

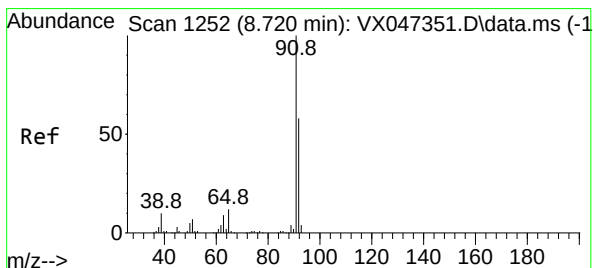
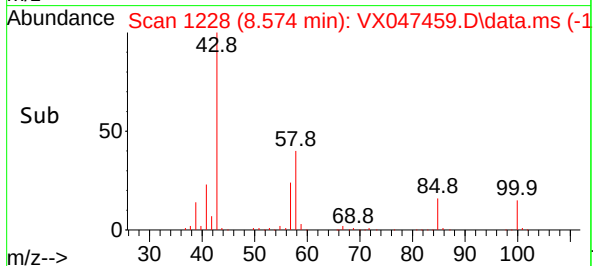
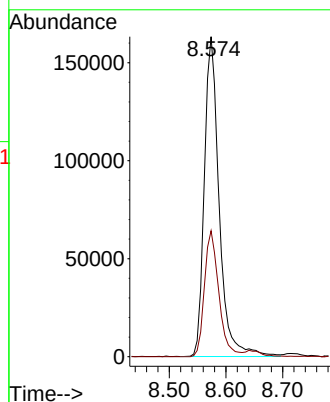
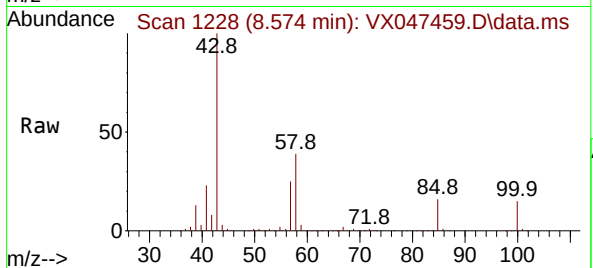




#51
4-Methyl-2-Pentanone
Concen: 83.482 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

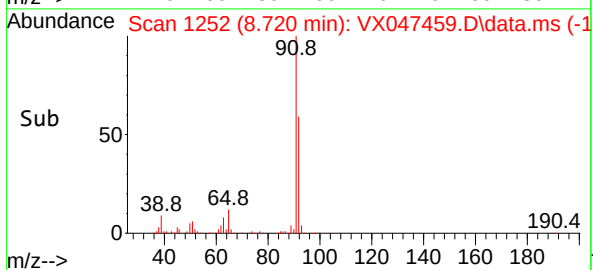
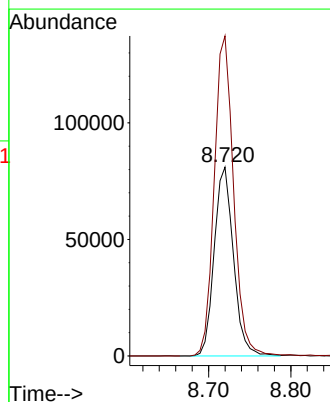
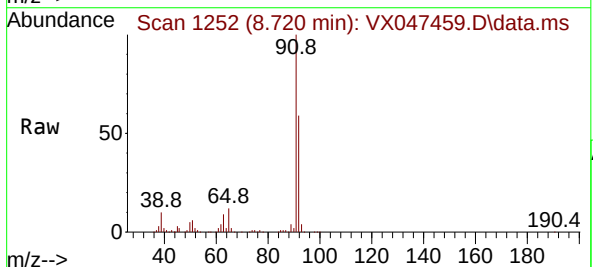
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

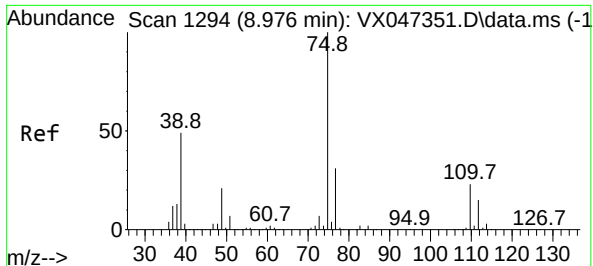
Tgt Ion: 43 Resp: 296847
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8



#52
Toluene
Concen: 17.197 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 92 Resp: 131784
Ion Ratio Lower Upper
92 100
91 170.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 17.607 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

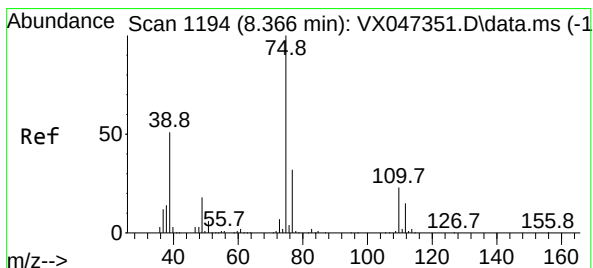
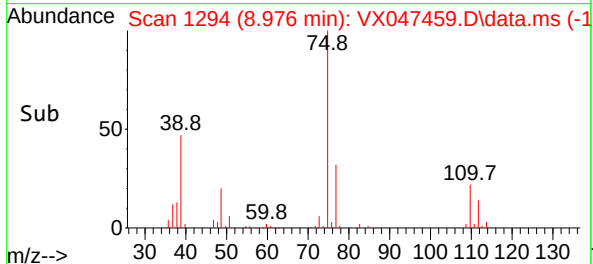
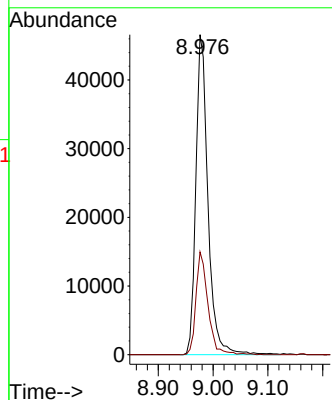
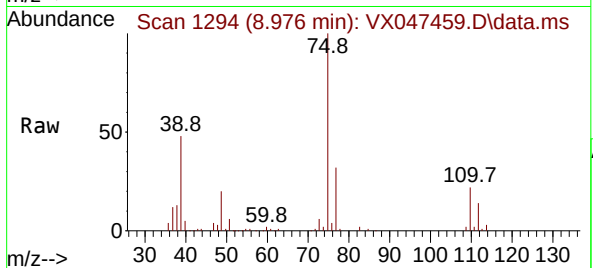
VX0821WBSD01

Tgt Ion: 75 Resp: 71852

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 17.621 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

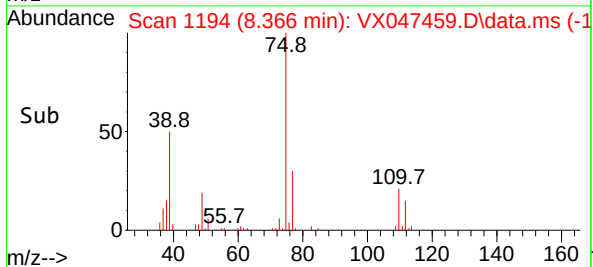
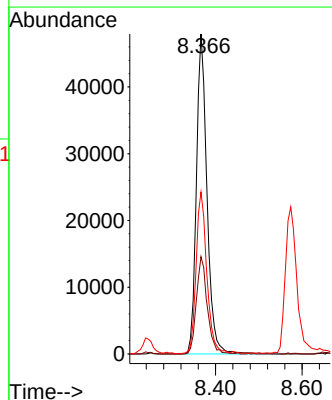
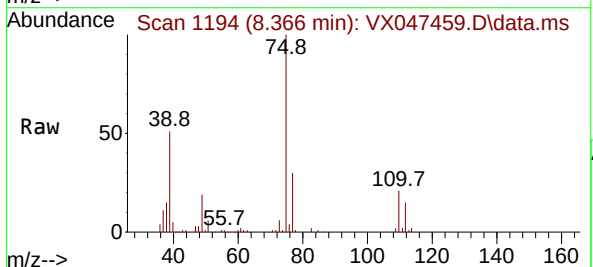
Tgt Ion: 75 Resp: 81395

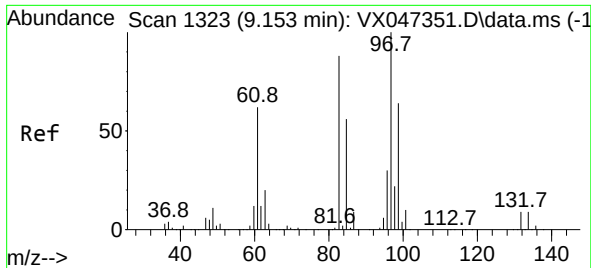
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 49.0 40.9 61.3

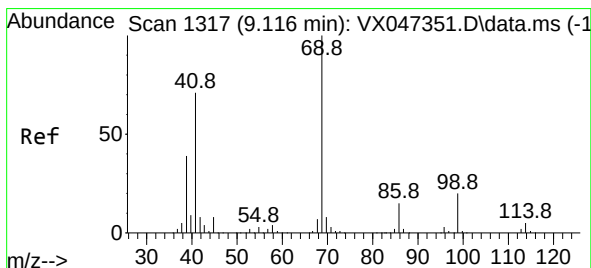
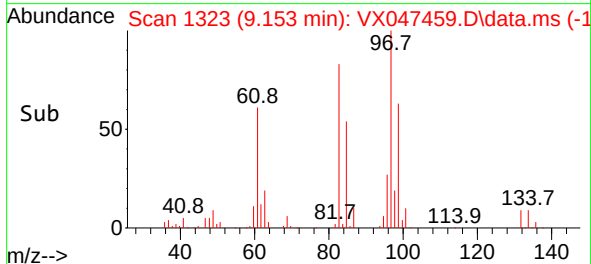
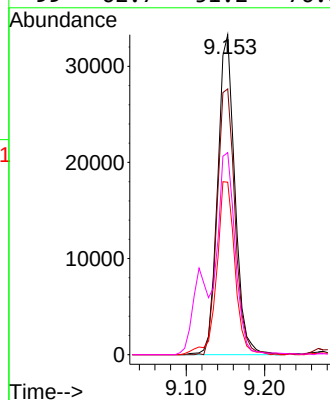
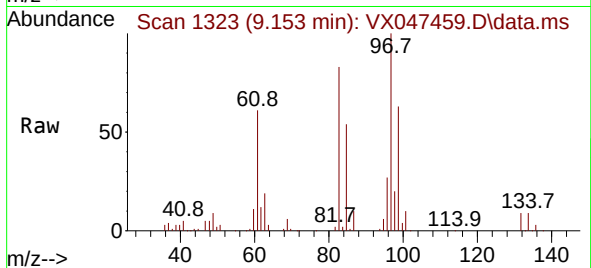




#55
1,1,2-Trichloroethane
Concen: 17.492 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

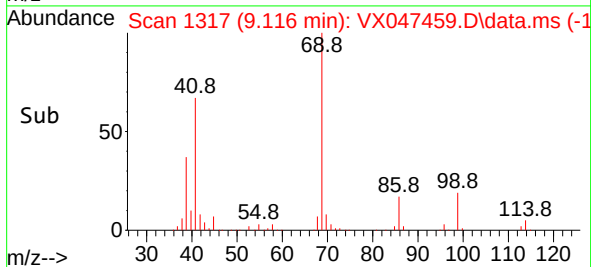
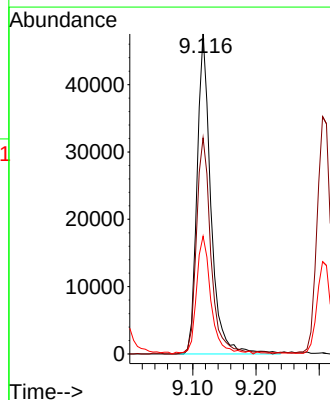
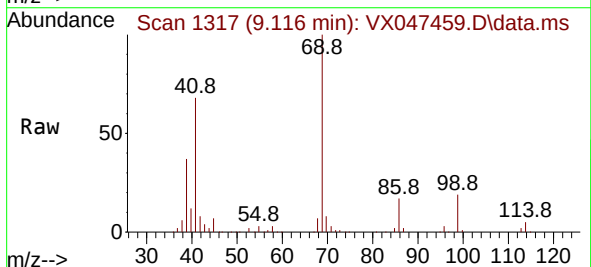
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

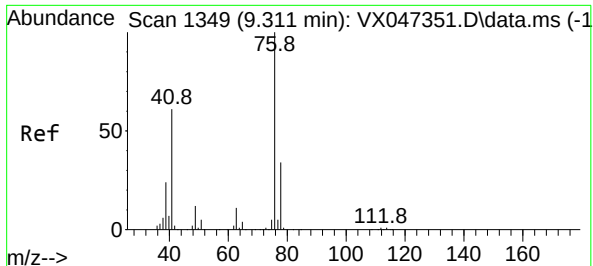
Tgt Ion:	97	Resp:	50894
Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.6	106.0
85	53.9	44.7	67.1
99	62.7	51.2	76.8



#56
Ethyl methacrylate
Concen: 16.865 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:	69	Resp:	72344
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.3	82.9
39	38.8	30.2	45.2





#57

1,3-Dichloropropane

Concen: 17.667 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

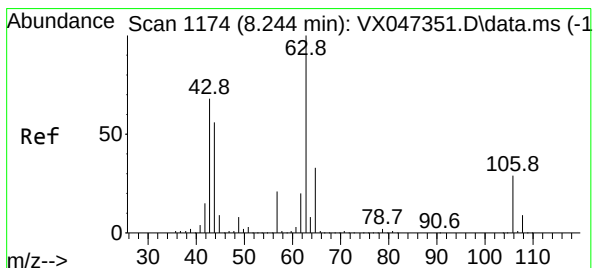
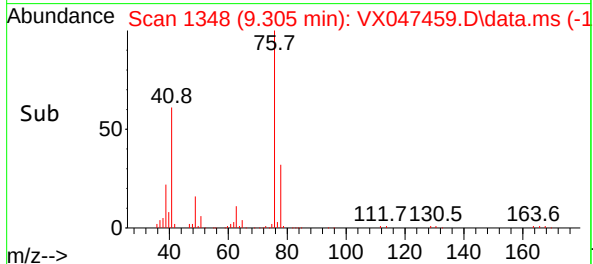
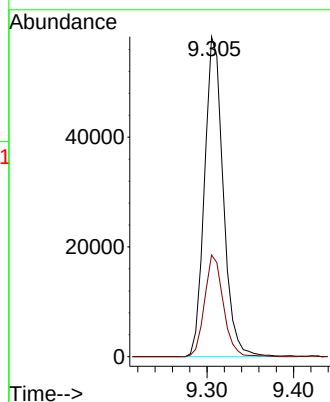
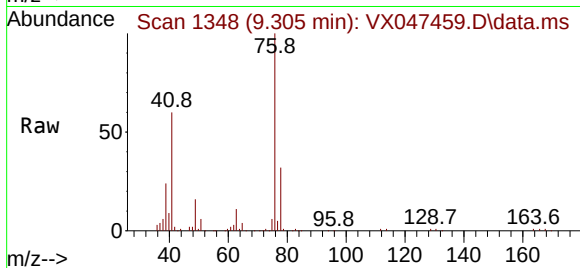
VX0821WBSD01

Tgt Ion: 76 Resp: 87591

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 89.318 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047459.D

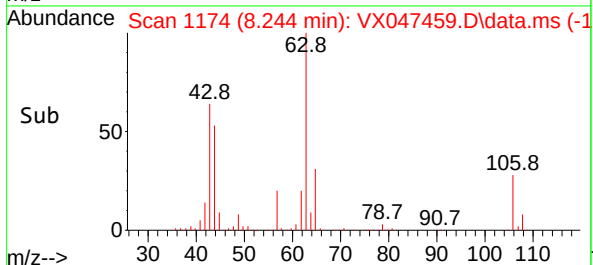
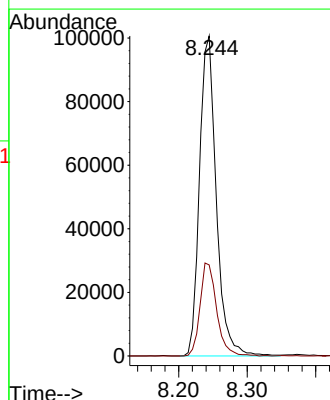
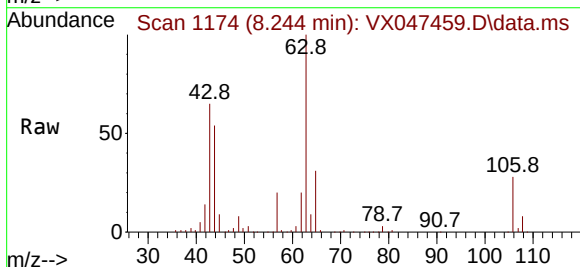
Acq: 21 Aug 2025 11:18

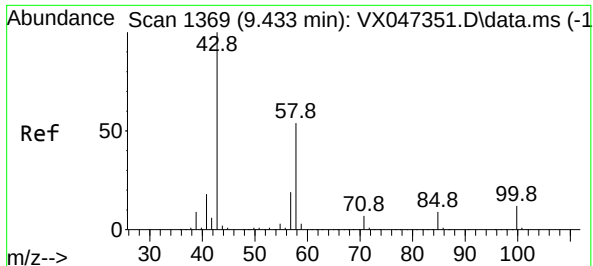
Tgt Ion: 63 Resp: 171573

Ion Ratio Lower Upper

63 100

106 28.7 22.8 34.2





#59

2-Hexanone

Concen: 83.228 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

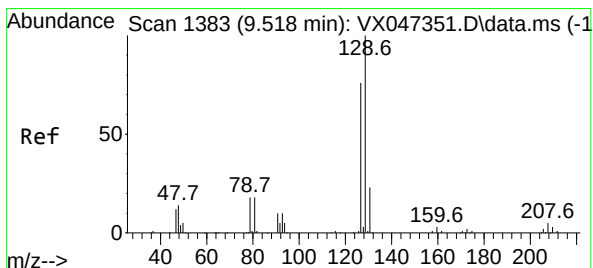
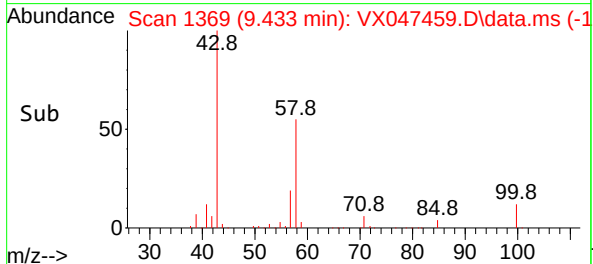
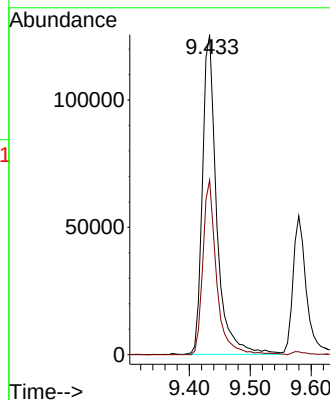
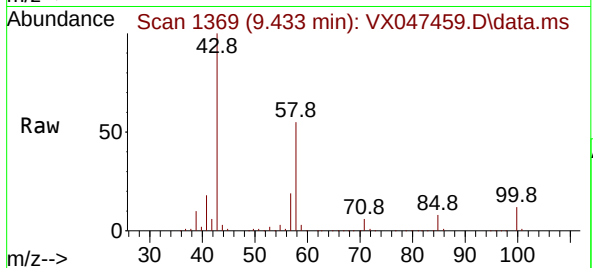
VX0821WBSD01

Tgt Ion: 43 Resp: 204709

Ion Ratio Lower Upper

43 100

58 52.5 26.9 80.7



#60

Dibromochloromethane

Concen: 17.094 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047459.D

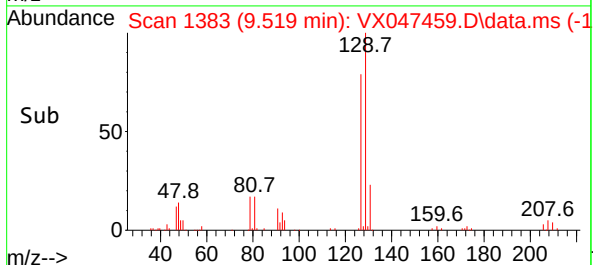
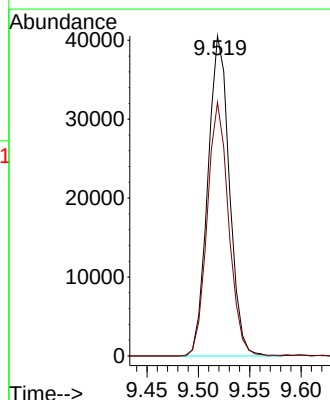
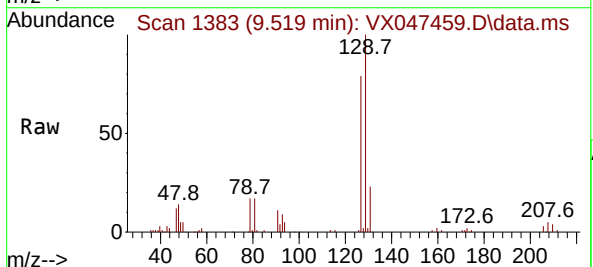
Acq: 21 Aug 2025 11:18

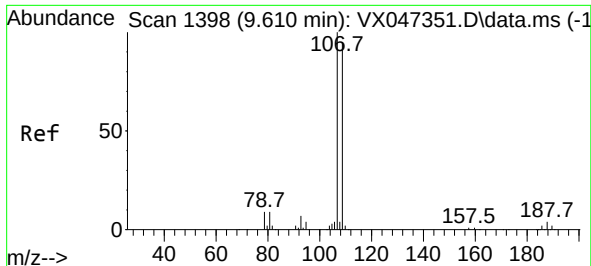
Tgt Ion: 129 Resp: 59104

Ion Ratio Lower Upper

129 100

127 79.1 38.9 116.6

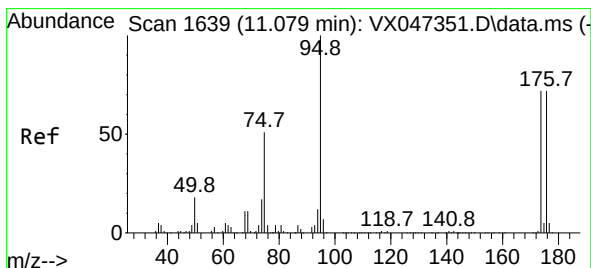
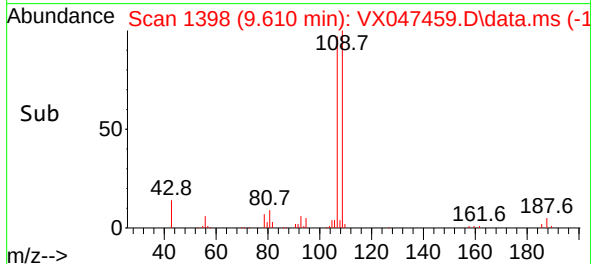
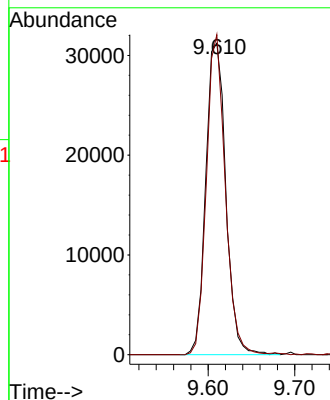
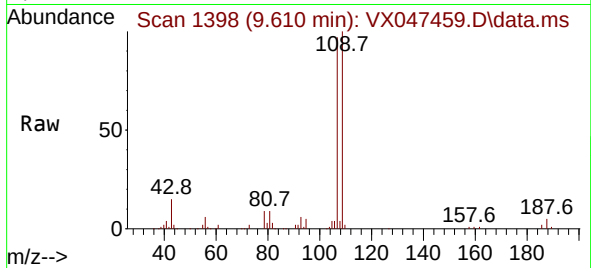




#61
1,2-Dibromoethane
Concen: 16.728 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

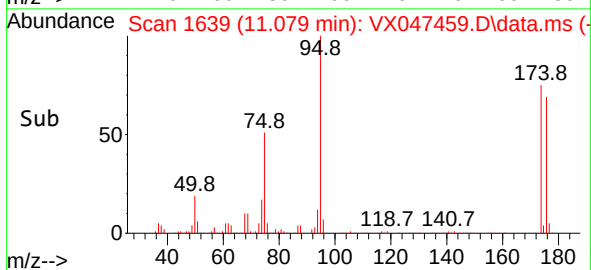
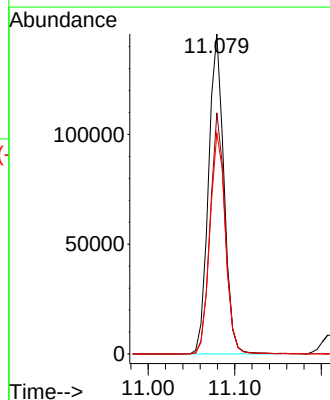
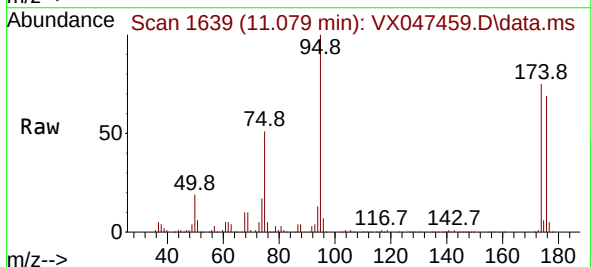
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

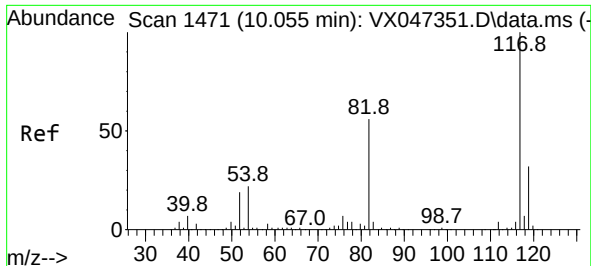
Tgt Ion:107 Resp: 50189
Ion Ratio Lower Upper
107 100
109 96.4 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 52.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 95 Resp: 180204
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.0
176 69.6 0.0 145.4

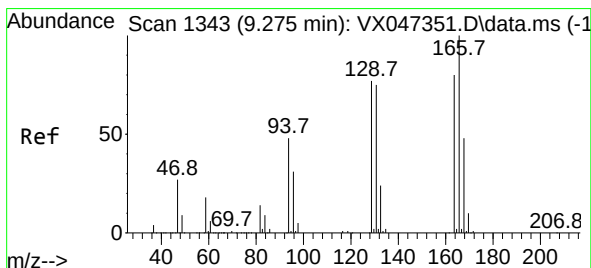
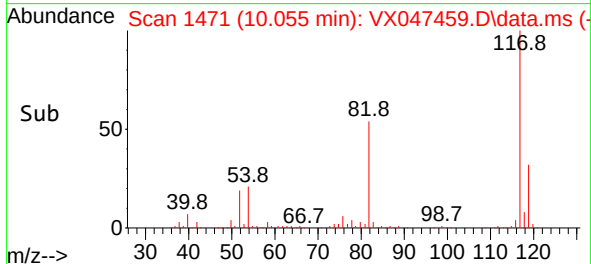
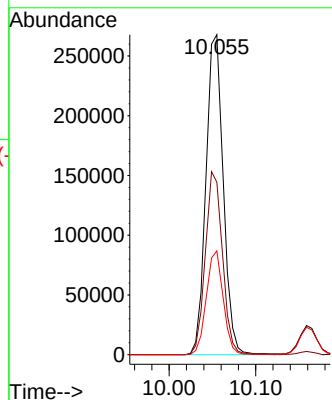
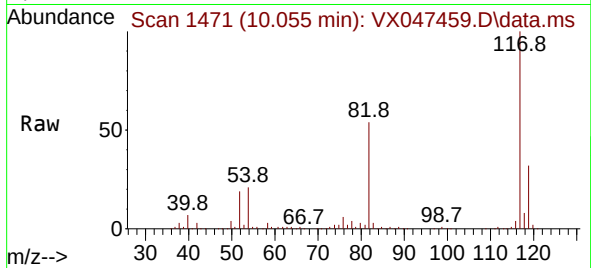




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

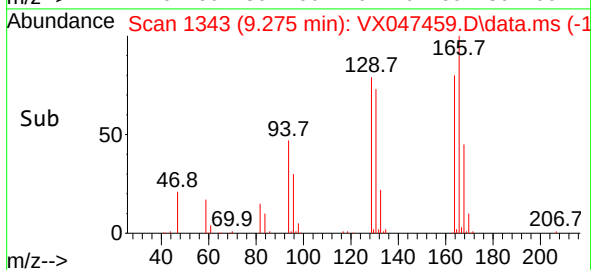
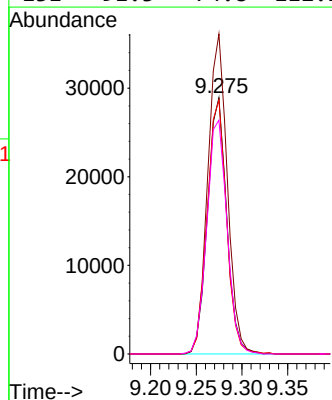
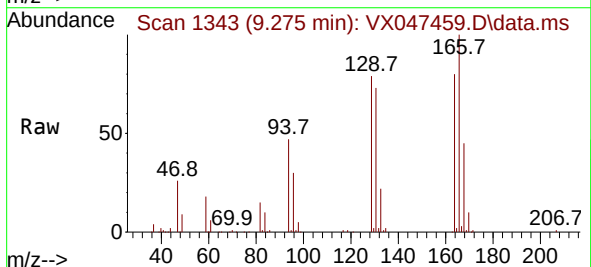
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

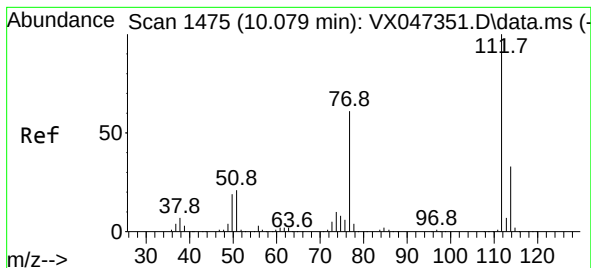
Tgt Ion:117 Resp: 372492
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 15.630 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:164 Resp: 42112
Ion Ratio Lower Upper
164 100
166 124.9 100.3 150.5
129 99.2 77.7 116.5
131 91.3 74.8 112.2

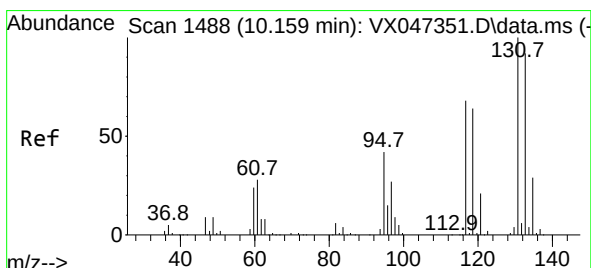
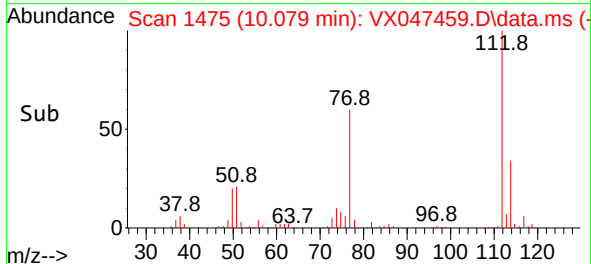
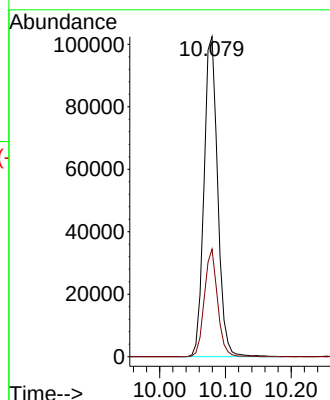
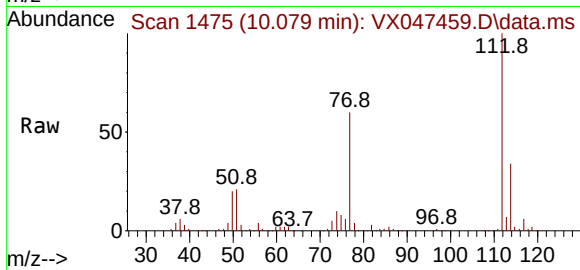




#65
Chlorobenzene
Concen: 16.749 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

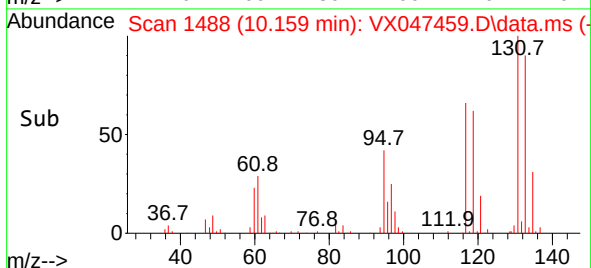
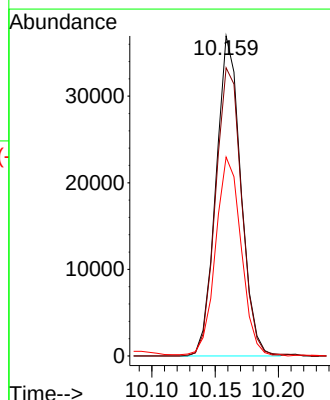
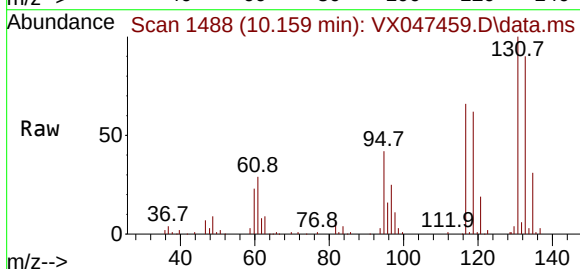
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

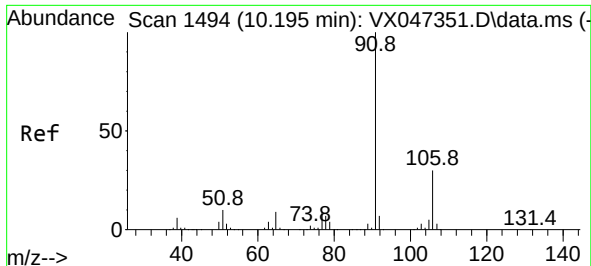
Tgt Ion:112 Resp: 148257
Ion Ratio Lower Upper
112 100
114 33.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 16.845 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:131 Resp: 50406
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 64.1 32.3 96.8

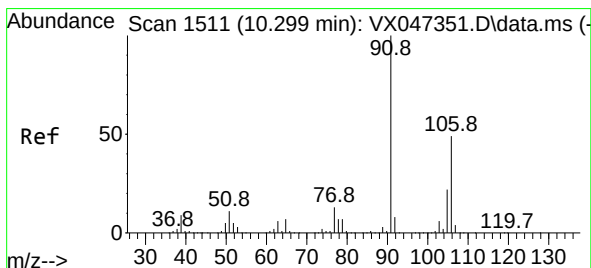
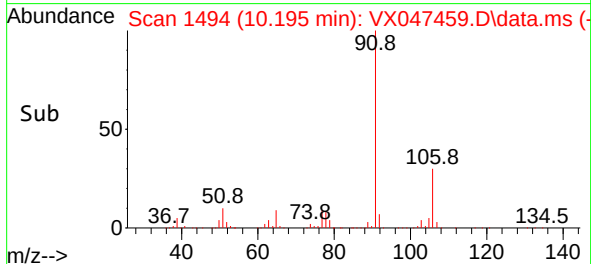
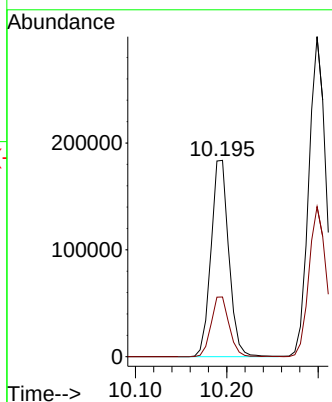
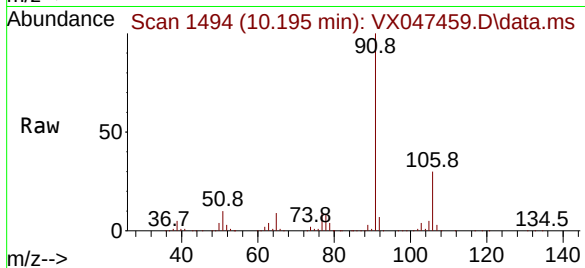




#67
Ethyl Benzene
Concen: 16.320 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

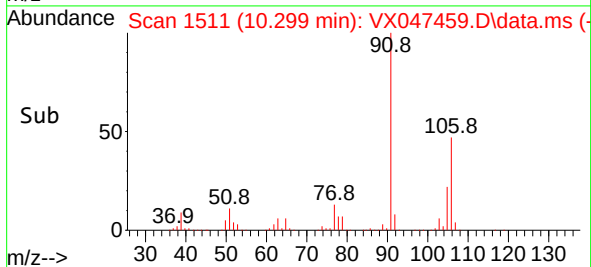
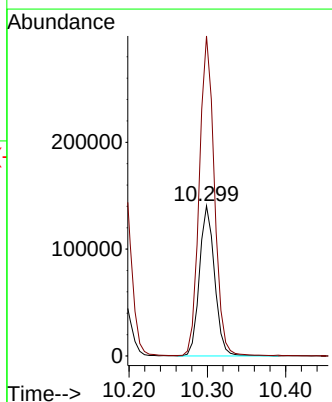
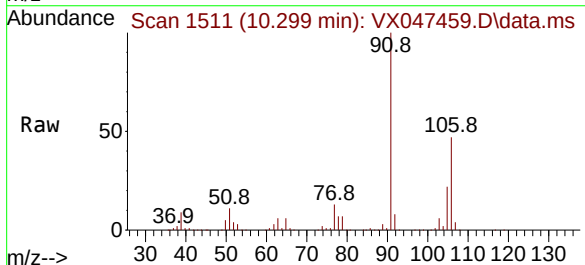
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

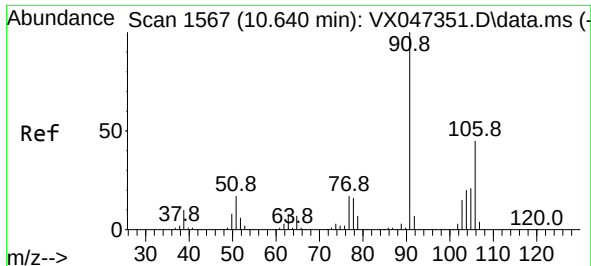
Tgt Ion: 91 Resp: 248643
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 33.255 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 106 Resp: 188918
Ion Ratio Lower Upper
106 100
91 212.4 164.7 247.1

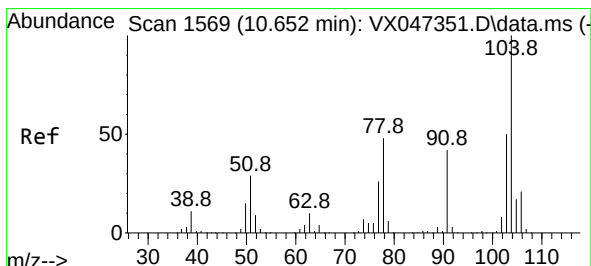
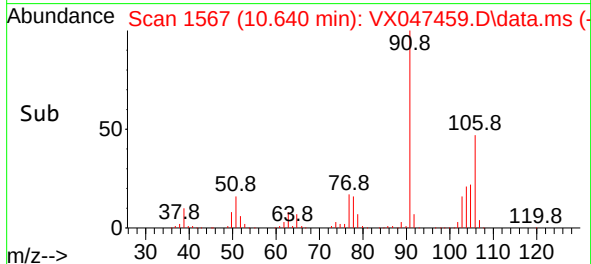
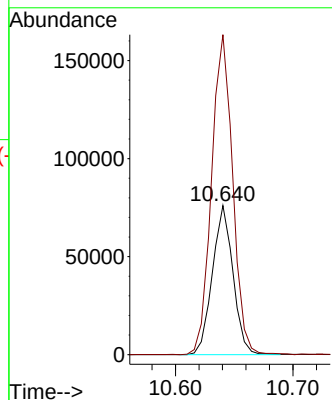
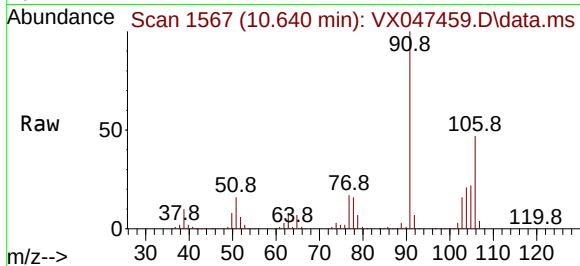




#69
o-Xylene
Concen: 16.949 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

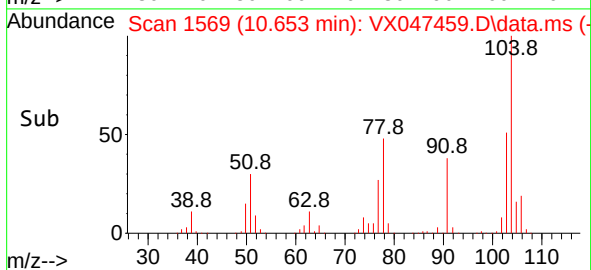
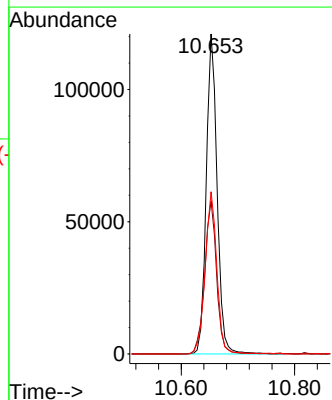
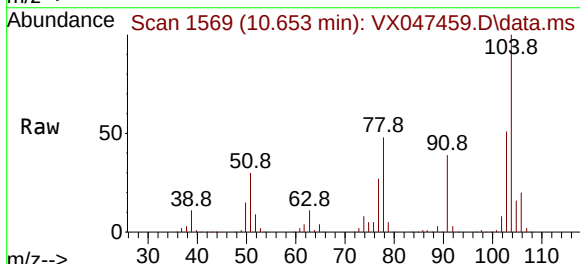
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

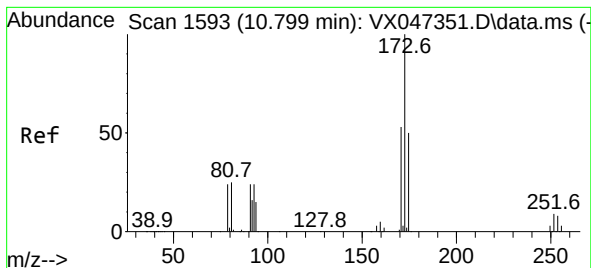
Tgt Ion:106 Resp: 92660
Ion Ratio Lower Upper
106 100
91 220.5 110.6 331.8



#70
Styrene
Concen: 17.437 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:104 Resp: 161074
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 54.5 43.6 65.4





#71

Bromoform

Concen: 16.663 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

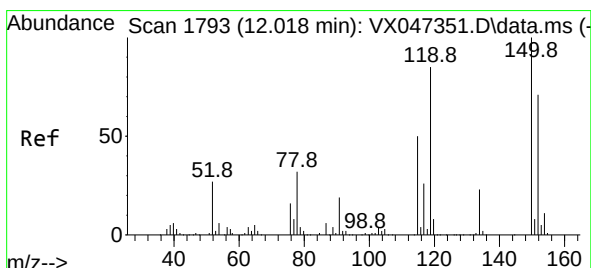
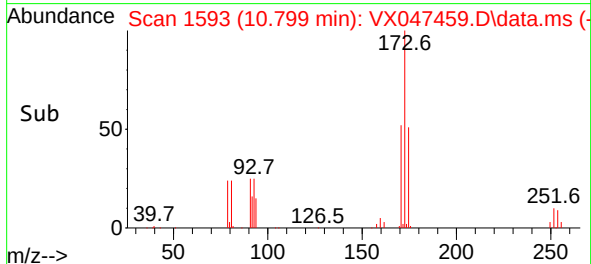
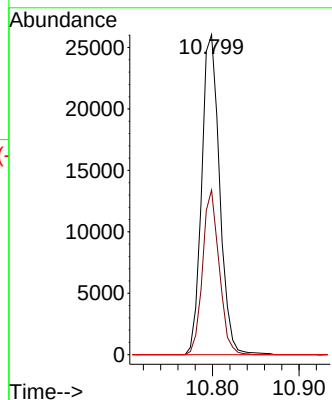
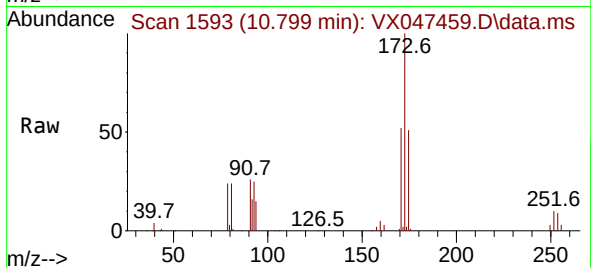
Tgt Ion:173 Resp: 37458

Ion Ratio Lower Upper

173 100

175 47.5 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

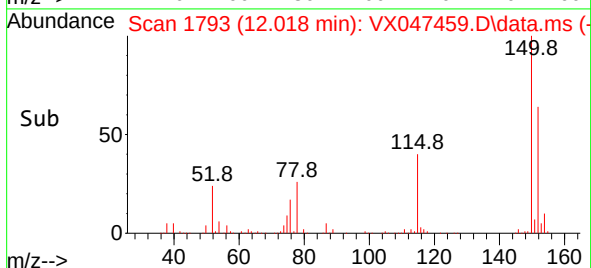
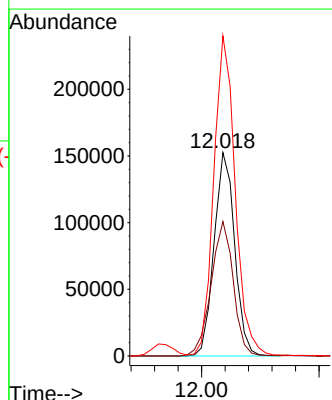
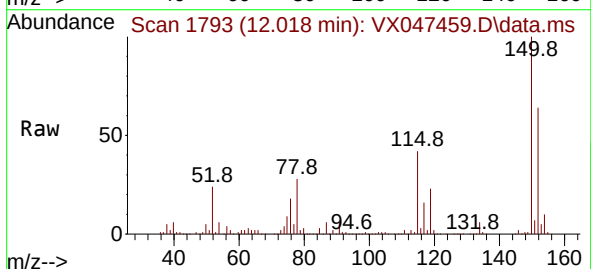
Tgt Ion:152 Resp: 185544

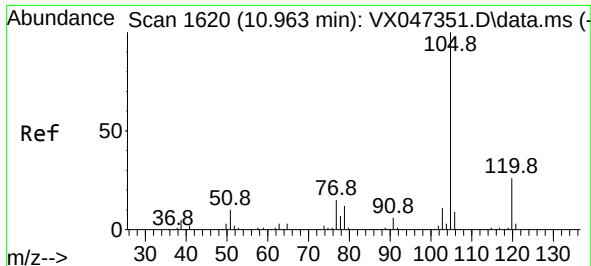
Ion Ratio Lower Upper

152 100

115 71.1 44.6 133.8

150 163.9 0.0 349.8

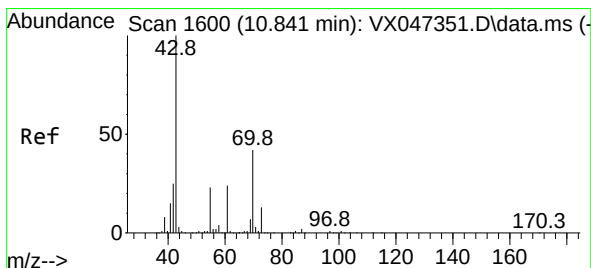
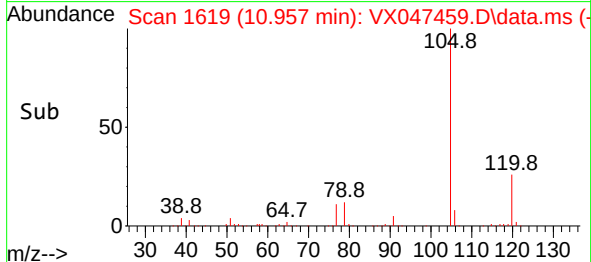
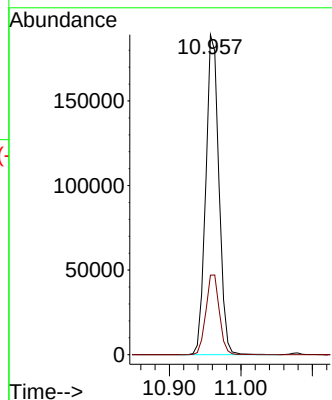
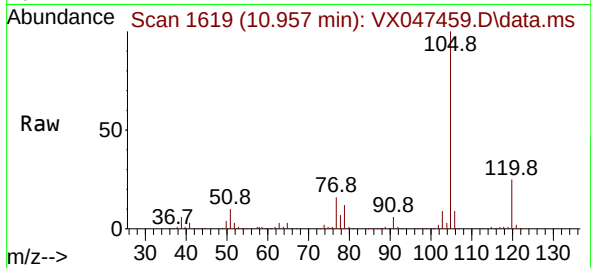




#73
Isopropylbenzene
Concen: 16.645 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

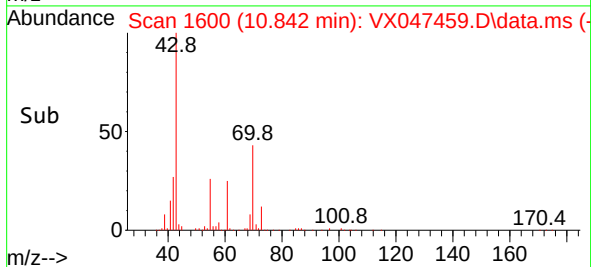
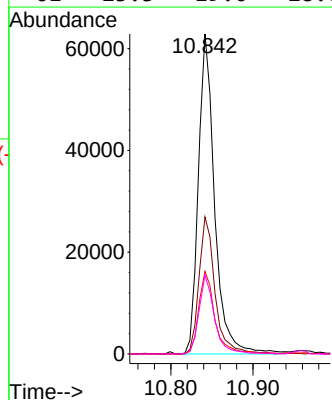
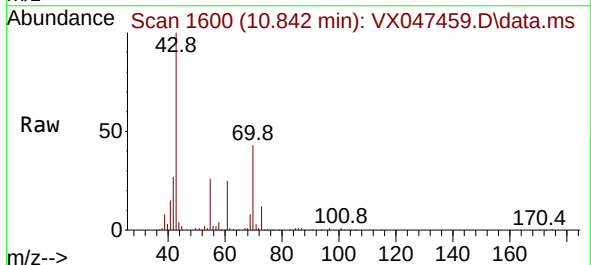
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

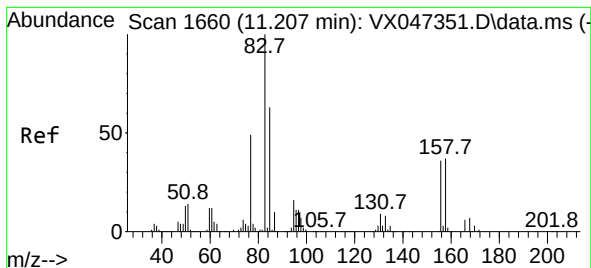
Tgt Ion:105 Resp: 241681
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 15.703 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 43 Resp: 86579
Ion Ratio Lower Upper
43 100
70 42.2 33.1 49.7
55 25.7 19.0 28.6
61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.784 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

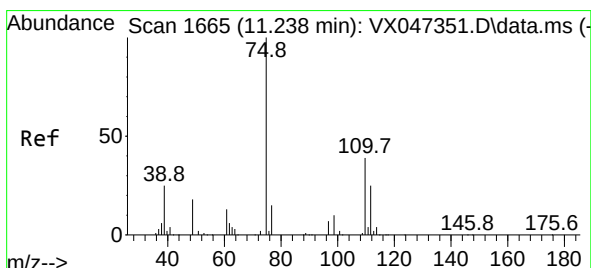
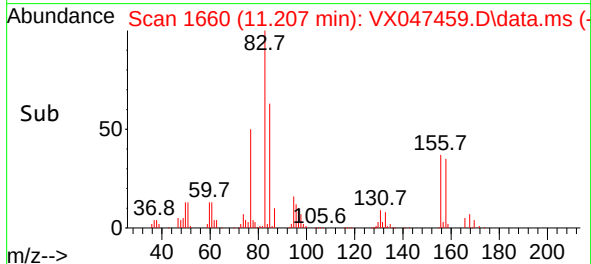
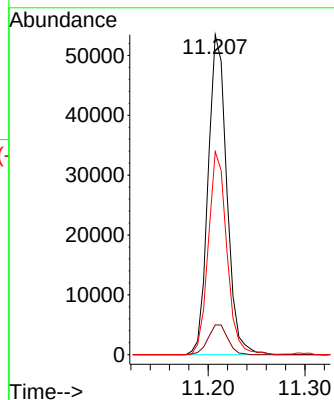
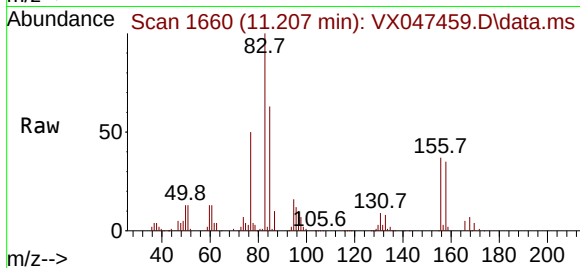
Tgt Ion: 83 Resp: 71552

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 63.1 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 18.727 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047459.D

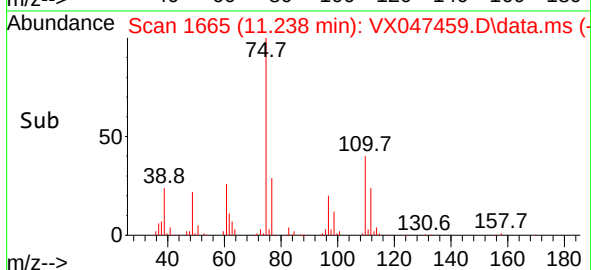
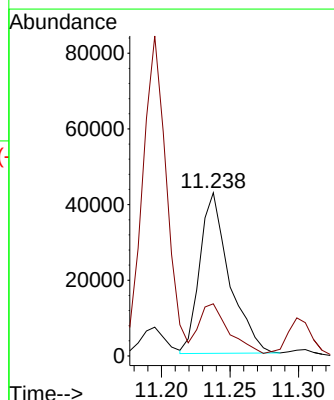
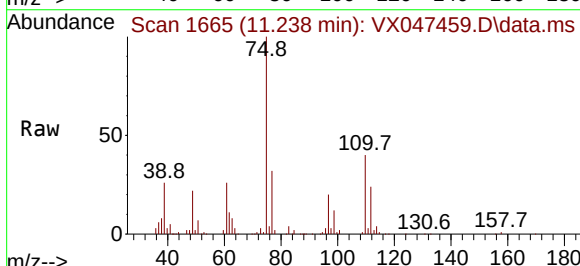
Acq: 21 Aug 2025 11:18

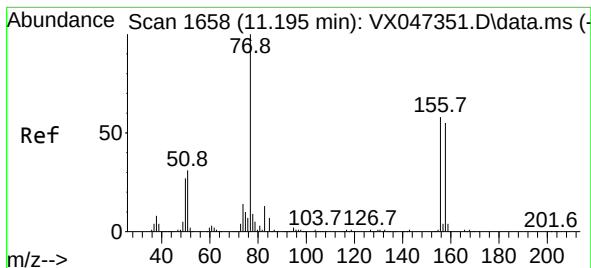
Tgt Ion: 75 Resp: 63731

Ion Ratio Lower Upper

75 100

77 34.1 19.4 58.2





#77

Bromobenzene

Concen: 17.093 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

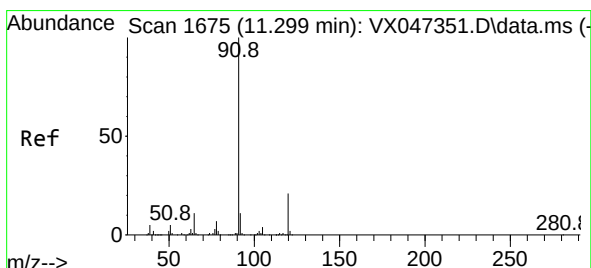
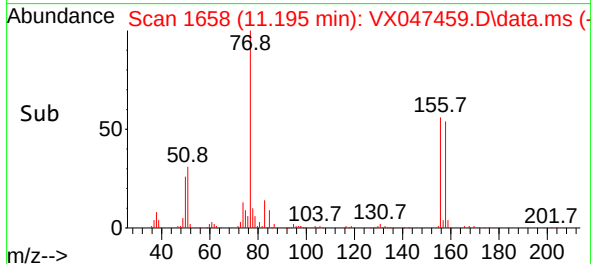
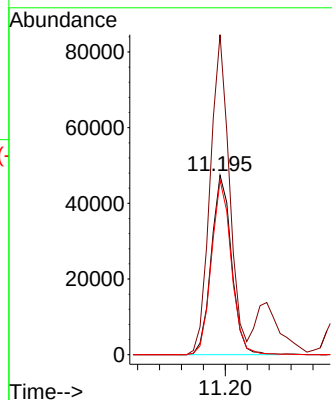
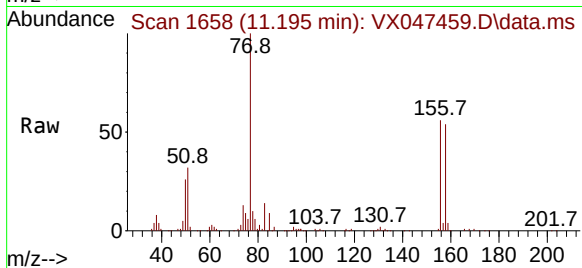
Tgt Ion:156 Resp: 60605

Ion Ratio Lower Upper

156 100

77 170.2 86.3 258.9

158 95.8 48.0 144.2



#78

n-propylbenzene

Concen: 16.539 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX047459.D

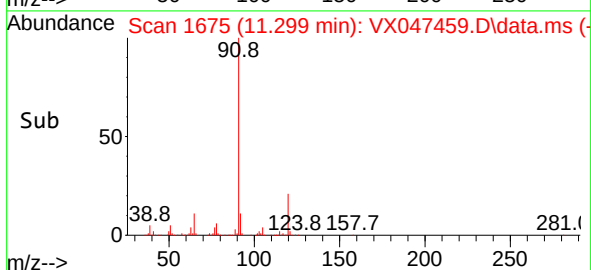
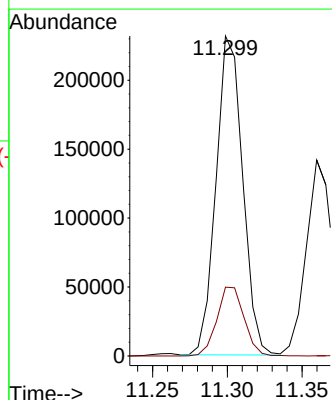
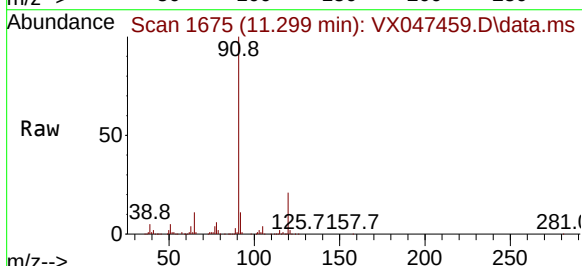
Acq: 21 Aug 2025 11:18

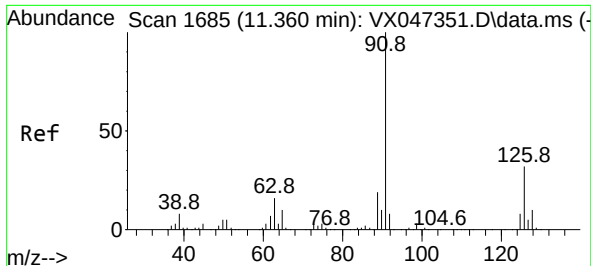
Tgt Ion: 91 Resp: 286807

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

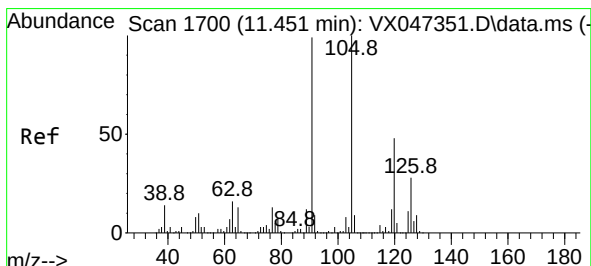
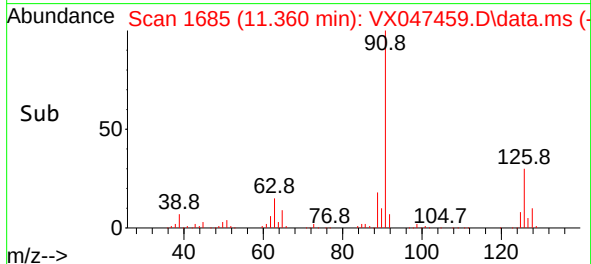
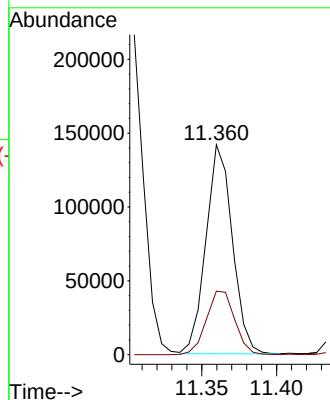
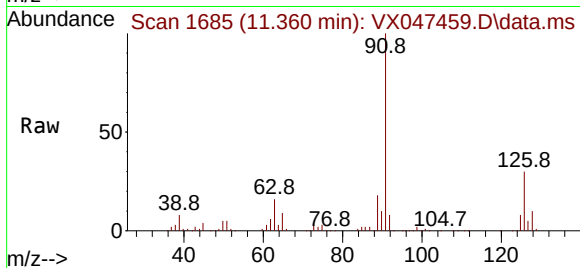




#79
2-Chlorotoluene
Concen: 16.606 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

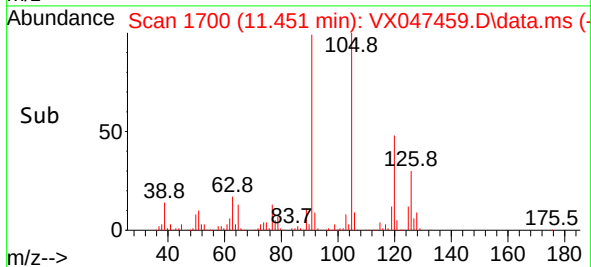
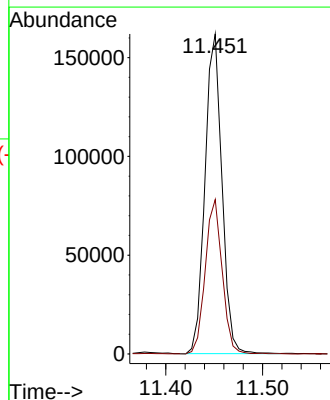
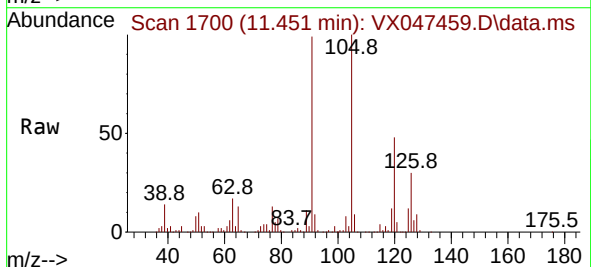
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

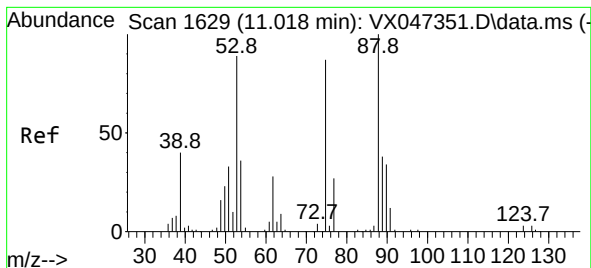
Tgt Ion: 91 Resp: 174076
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 16.566 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 105 Resp: 197912
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

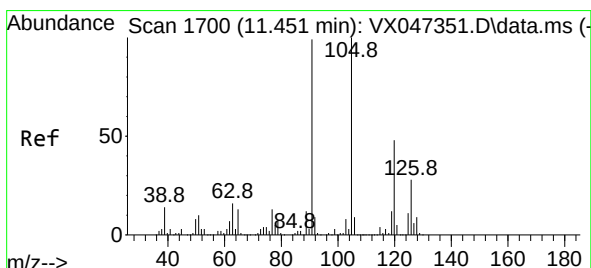
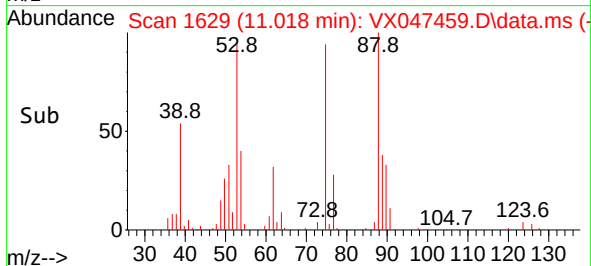
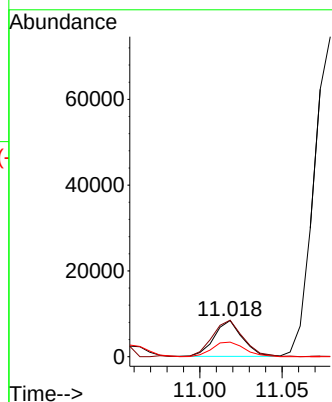
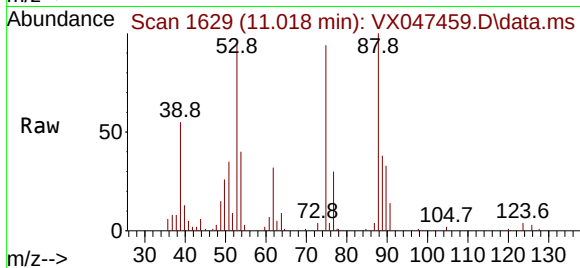




#81
trans-1,4-Dichloro-2-butene
Concen: 18.509 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

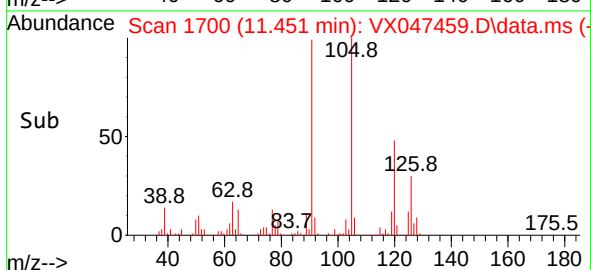
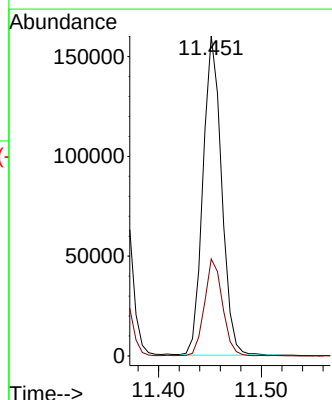
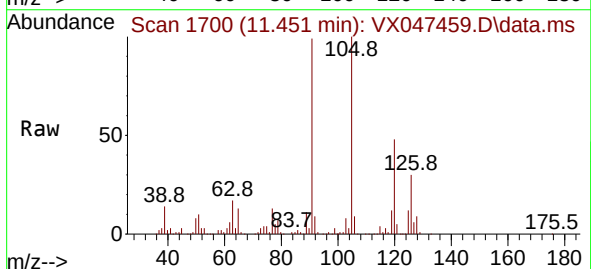
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

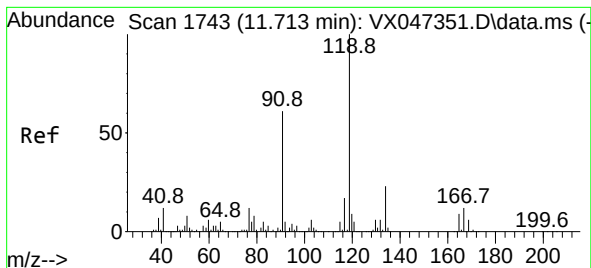
Tgt Ion: 75 Resp: 9889
Ion Ratio Lower Upper
75 100
53 112.7 85.2 127.8
89 47.6 36.7 55.1



#82
4-Chlorotoluene
Concen: 16.299 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 91 Resp: 201408
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.0





#83

tert-Butylbenzene

Concen: 16.663 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

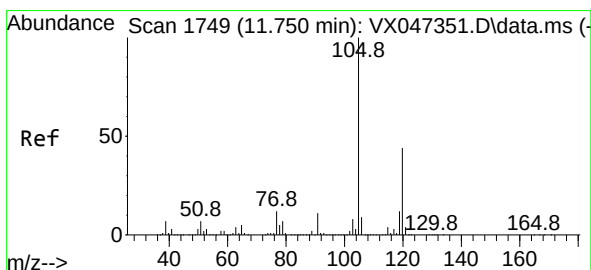
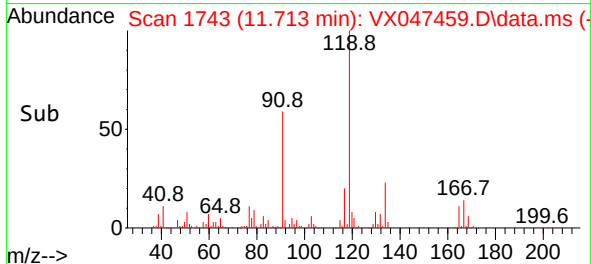
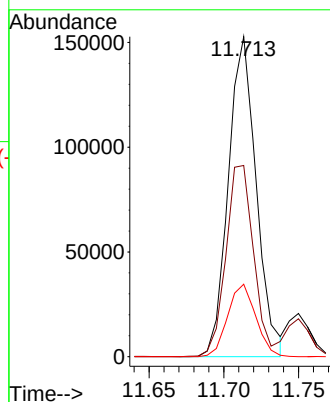
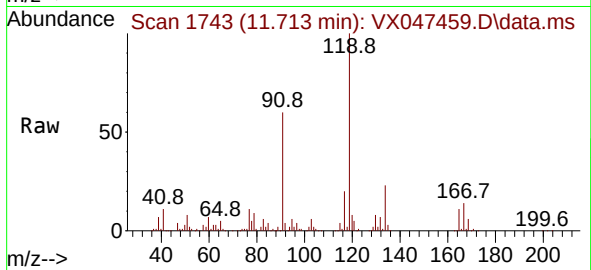
Tgt Ion:119 Resp: 198606

Ion Ratio Lower Upper

119 100

91 59.0 29.1 87.4

134 22.8 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 16.965 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047459.D

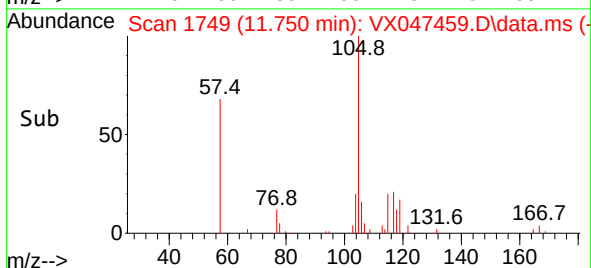
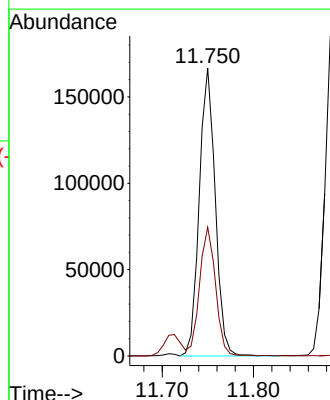
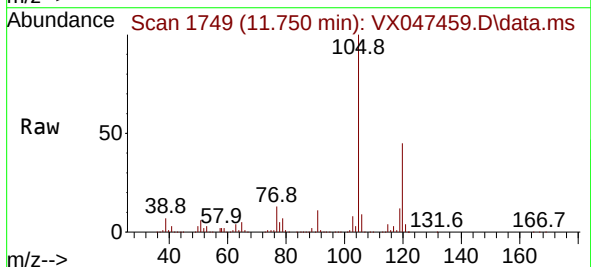
Acq: 21 Aug 2025 11:18

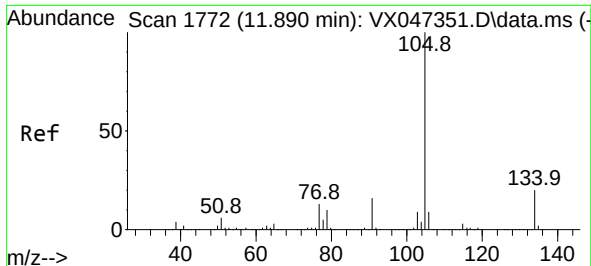
Tgt Ion:105 Resp: 202684

Ion Ratio Lower Upper

105 100

120 44.7 21.9 65.7

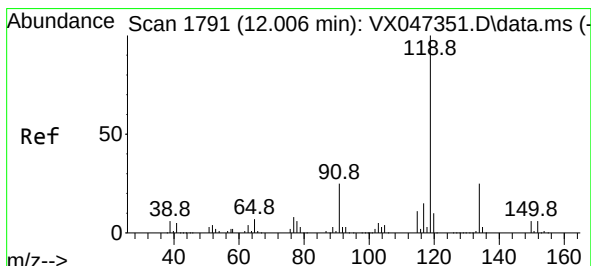
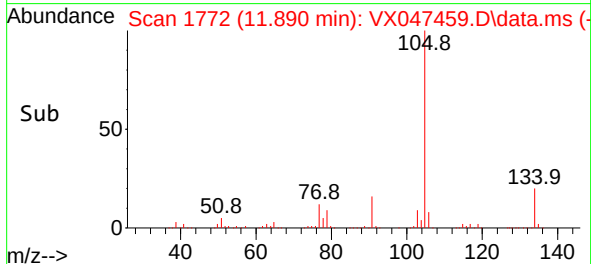
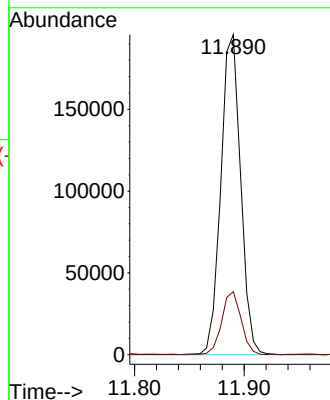
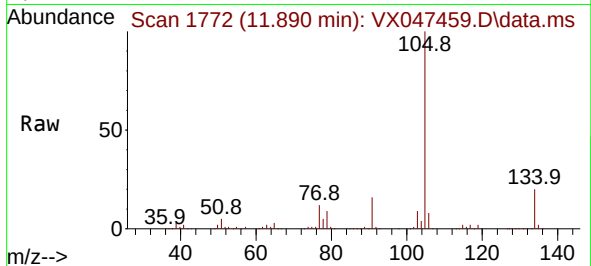




#85
 sec-Butylbenzene
 Concen: 16.653 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX047459.D
 Acq: 21 Aug 2025 11:18

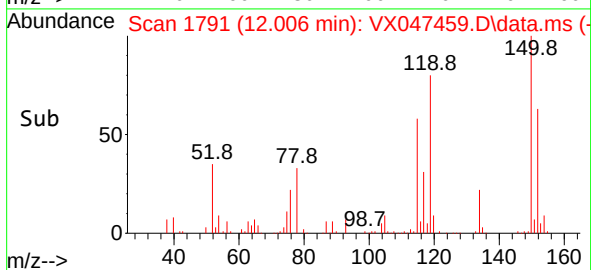
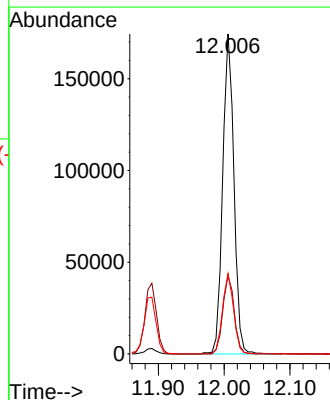
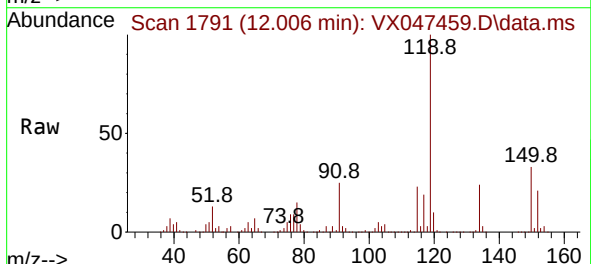
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

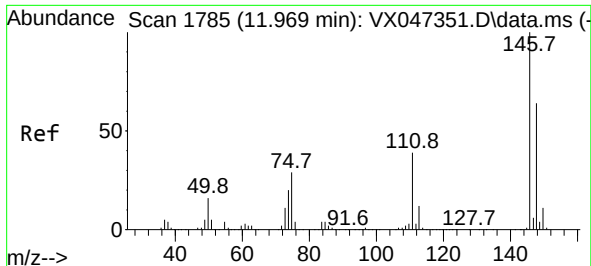
Tgt Ion:105 Resp: 246019
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 16.567 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047459.D
 Acq: 21 Aug 2025 11:18

Tgt Ion:119 Resp: 207097
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 16.633 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

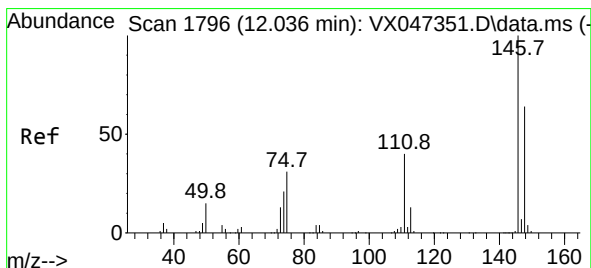
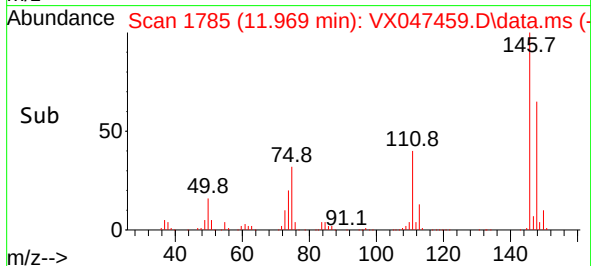
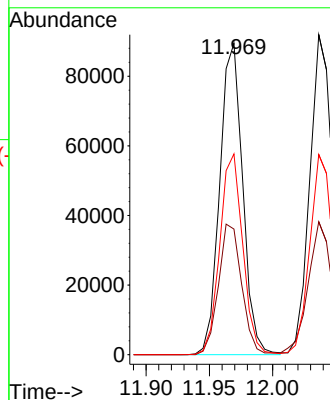
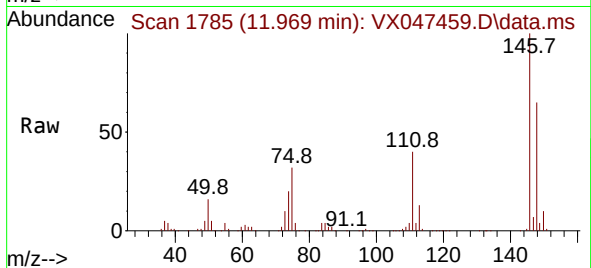
Tgt Ion:146 Resp: 112663

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.8

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 16.656 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

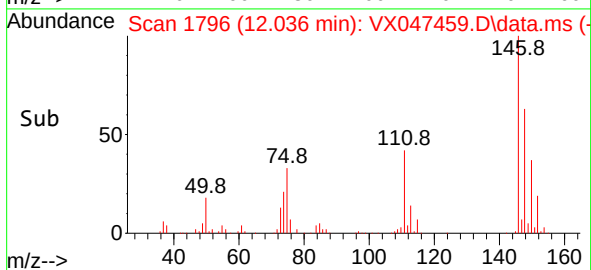
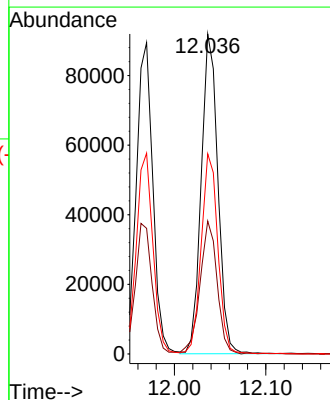
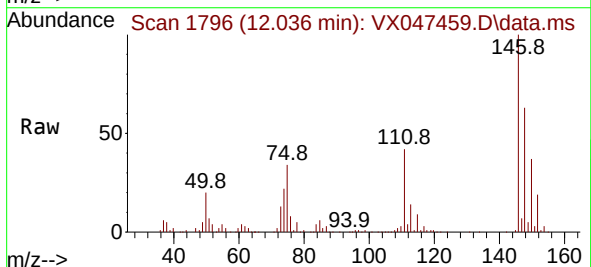
Tgt Ion:146 Resp: 116036

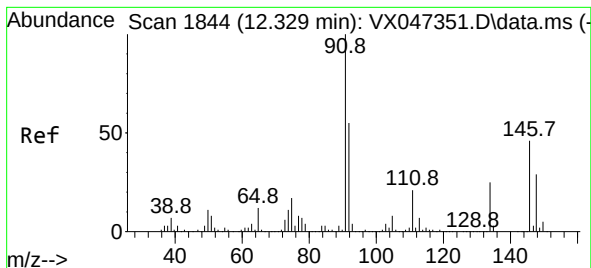
Ion Ratio Lower Upper

146 100

111 42.5 20.4 61.2

148 62.5 31.7 95.1





#89

n-Butylbenzene

Concen: 16.259 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047459.D

Acq: 21 Aug 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

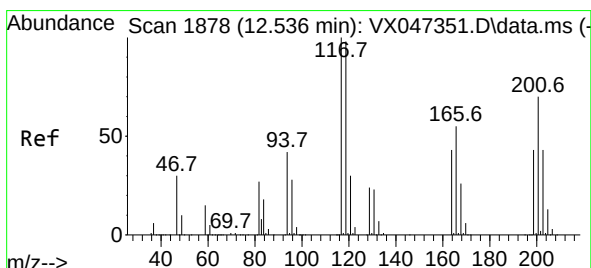
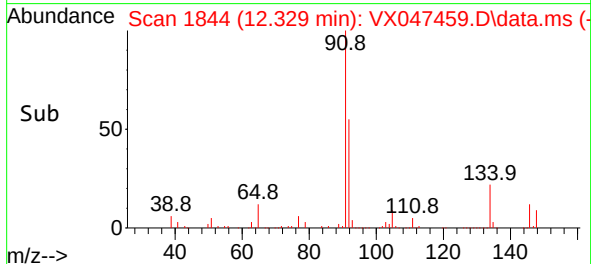
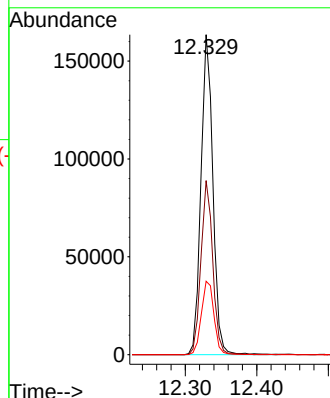
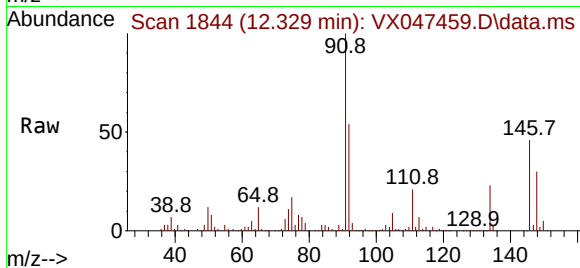
Tgt Ion: 91 Resp: 189050

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 15.873 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047459.D

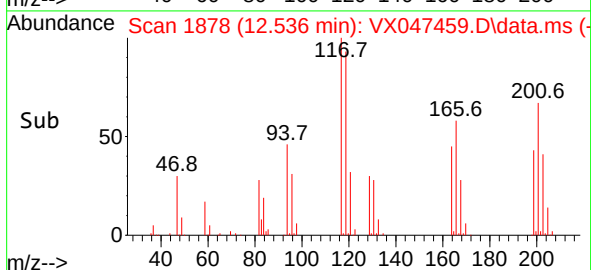
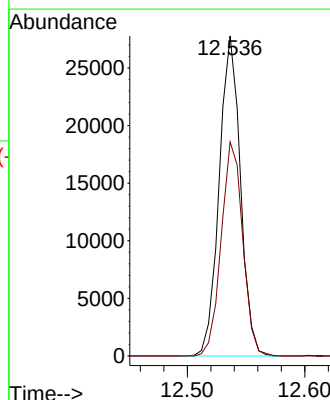
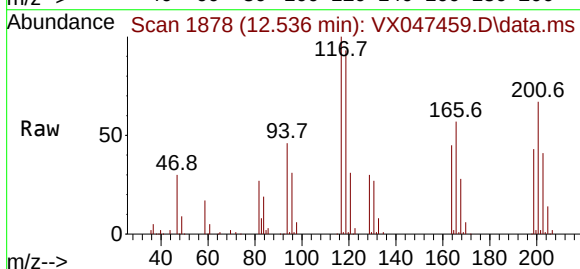
Acq: 21 Aug 2025 11:18

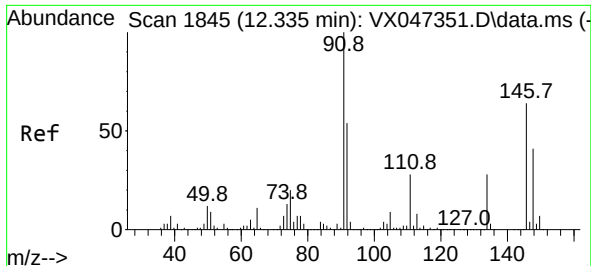
Tgt Ion: 117 Resp: 34811

Ion Ratio Lower Upper

117 100

201 68.0 35.1 105.3

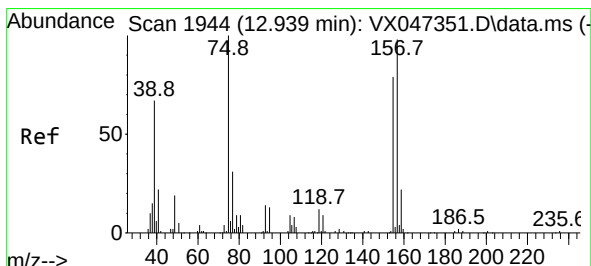
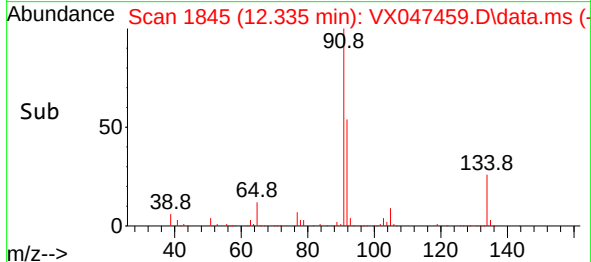
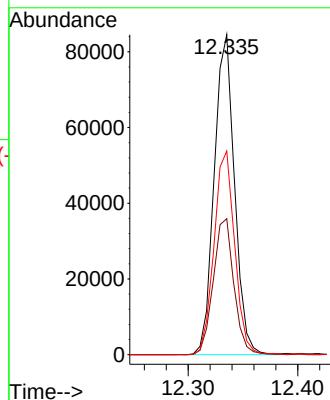
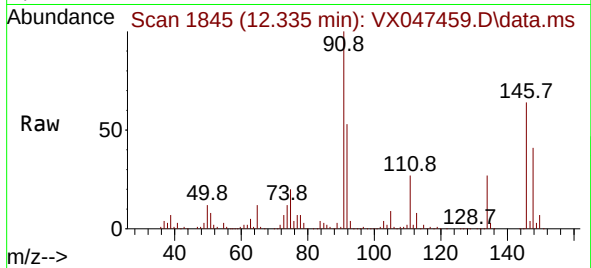




#91
 1,2-Dichlorobenzene
 Concen: 16.950 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX047459.D
 Acq: 21 Aug 2025 11:18

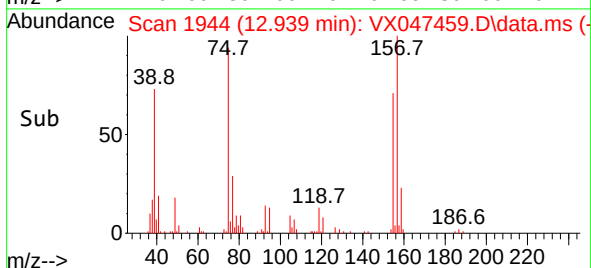
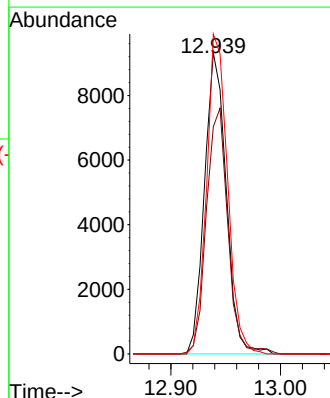
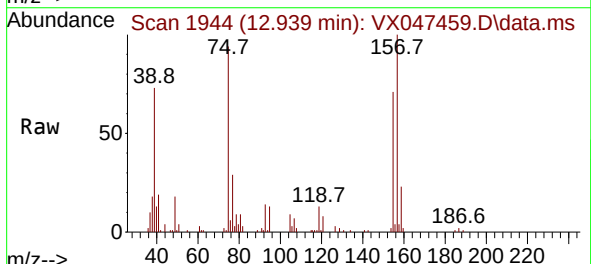
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

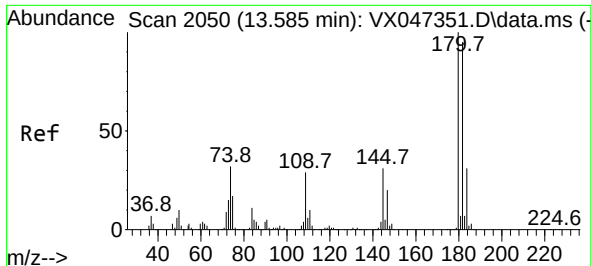
Tgt Ion:146 Resp: 108974
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.1
 148 64.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.545 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX047459.D
 Acq: 21 Aug 2025 11:18

Tgt Ion: 75 Resp: 12816
 Ion Ratio Lower Upper
 75 100
 155 80.5 41.3 123.7
 157 102.5 51.5 154.5

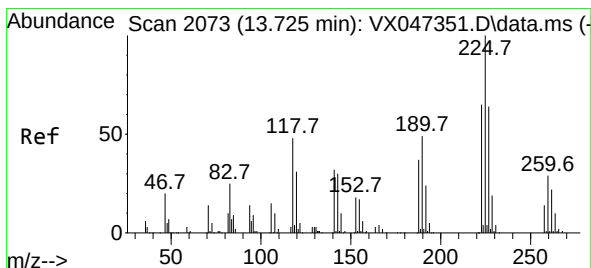
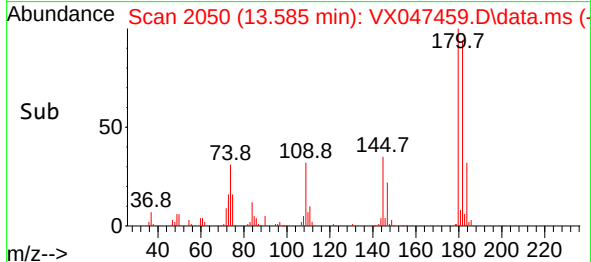
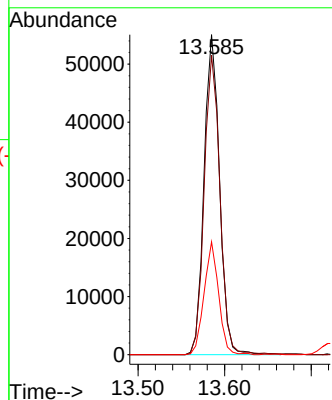
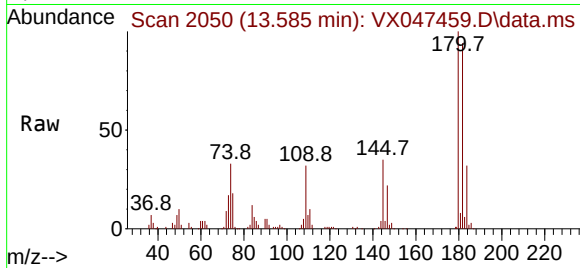




#93
1,2,4-Trichlorobenzene
Concen: 15.889 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

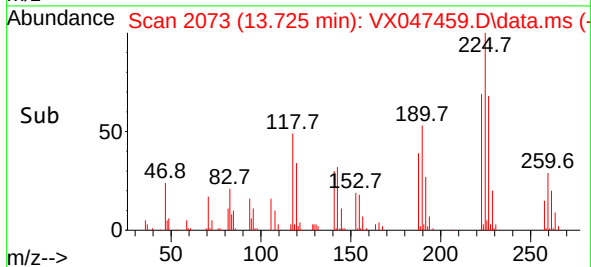
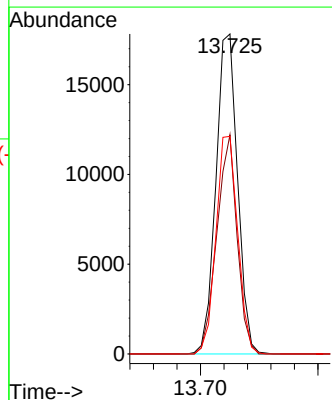
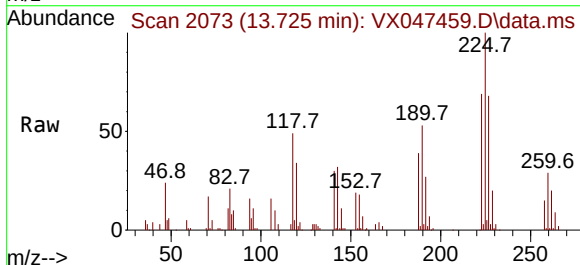
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

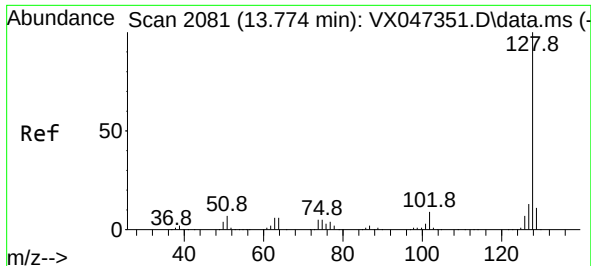
Tgt Ion:180 Resp: 68480
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.4
145 33.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 14.874 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:225 Resp: 22819
Ion Ratio Lower Upper
225 100
223 63.9 32.2 96.6
227 68.5 31.6 95.0

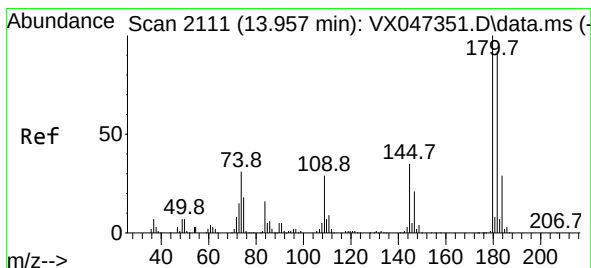
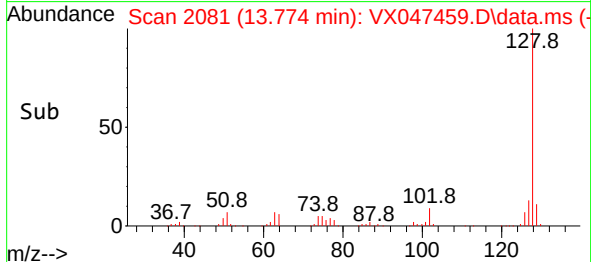
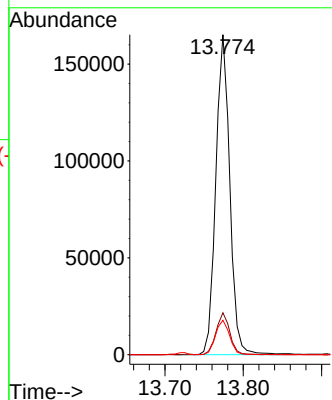
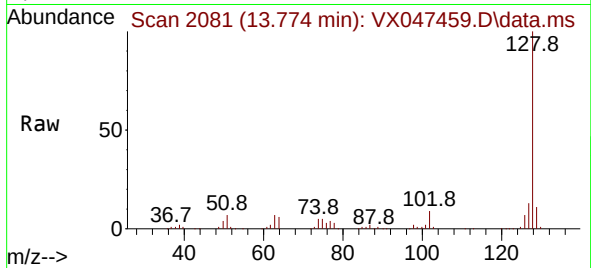




#95
Naphthalene
Concen: 16.613 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tgt Ion:128 Resp: 204616
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.011 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047459.D
Acq: 21 Aug 2025 11:18

Tgt Ion:180 Resp: 65049
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.2
145 34.3 17.4 52.2

