

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047550.D
 Acq On : 28 Aug 2025 15:32
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 29 02:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	228048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	402901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	186602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59344	16.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	33.900%#
35) Dibromofluoromethane	5.397	113	45931	16.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	33.220%#
50) Toluene-d8	8.653	98	161072	16.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	33.240%#
62) 4-Bromofluorobenzene	11.079	95	61629	16.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	33.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	53085	21.256	ug/l	97
3) Chloromethane	1.313	50	54703	20.055	ug/l	99
4) Vinyl Chloride	1.392	62	66286	20.673	ug/l	100
5) Bromomethane	1.623	94	29380	21.185	ug/l	93
6) Chloroethane	1.703	64	40004	19.637	ug/l	100
7) Trichlorofluoromethane	1.904	101	94673	20.760	ug/l	94
8) Diethyl Ether	2.148	74	37670	20.819	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	54992	20.248	ug/l	97
10) Methyl Iodide	2.471	142	78897	17.549	ug/l	99
11) Tert butyl alcohol	2.965	59	31092	96.593	ug/l	97
12) 1,1-Dichloroethene	2.337	96	58358	20.263	ug/l	94
13) Acrolein	2.251	56	66389	102.887	ug/l	98
14) Allyl chloride	2.678	41	106377	20.163	ug/l	98
15) Acrylonitrile	3.080	53	149191	103.578	ug/l	99
16) Acetone	2.392	43	136286	98.263	ug/l	99
17) Carbon Disulfide	2.532	76	171976	20.082	ug/l	100
18) Methyl Acetate	2.715	43	65725	19.221	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	194340	20.674	ug/l	97
20) Methylene Chloride	2.806	84	70554	19.991	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	63440	20.700	ug/l	97
22) Diisopropyl ether	3.776	45	225871	21.257	ug/l	92
23) Vinyl Acetate	3.733	43	929385	107.414	ug/l	99
24) 1,1-Dichloroethane	3.623	63	122196	20.696	ug/l	98
25) 2-Butanone	4.574	43	189435	103.785	ug/l	98
26) 2,2-Dichloropropane	4.495	77	86067	20.167	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	78911	21.133	ug/l	98
28) Bromochloromethane	4.916	49	53738	21.090	ug/l	99
29) Tetrahydrofuran	5.025	42	116693	103.022	ug/l	100
30) Chloroform	5.105	83	126857	21.100	ug/l	96
31) Cyclohexane	5.482	56	101779	20.669	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	101117	20.643	ug/l	99
36) 1,1-Dichloropropene	5.708	75	81849	20.798	ug/l	99
37) Ethyl Acetate	4.727	43	79559	20.511	ug/l	98
38) Carbon Tetrachloride	5.690	117	88575	20.285	ug/l	98
39) Methylcyclohexane	7.391	83	92510	20.383	ug/l	95
40) Benzene	6.049	78	264724	21.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	36038	19.618	ug/l #	89
42) 1,2-Dichloroethane	6.098	62	97565	21.572	ug/l	99
43) Isopropyl Acetate	6.348	43	131510	21.100	ug/l	99
44) Trichloroethene	7.135	130	65099	20.912	ug/l	97
45) 1,2-Dichloropropane	7.433	63	67499	21.329	ug/l	99
46) Dibromomethane	7.586	93	50430	21.647	ug/l	97
47) Bromodichloromethane	7.824	83	100883	21.174	ug/l	99
48) Methyl methacrylate	7.702	41	68667	21.417	ug/l	99
49) 1,4-Dioxane	7.683	88	13699	431.928	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	389051	105.647	ug/l	100
52) Toluene	8.720	92	164113	21.434	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89431	20.835	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100288	21.087	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62712	20.995	ug/l	99
56) Ethyl methacrylate	9.116	69	93486	21.143	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110402	21.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187321	99.223	ug/l	99
59) 2-Hexanone	9.433	43	271814	108.047	ug/l	98
60) Dibromochloromethane	9.518	129	74443	20.862	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64983	21.378	ug/l	100
64) Tetrachloroethene	9.275	164	53456	21.184	ug/l	98
65) Chlorobenzene	10.079	112	183047	20.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61273	20.493	ug/l	99
67) Ethyl Benzene	10.195	91	311462	21.021	ug/l	100
68) m/p-Xylenes	10.299	106	234996	42.702	ug/l	98
69) o-Xylene	10.640	106	112496	21.220	ug/l	98
70) Styrene	10.652	104	201405	21.895	ug/l	100
71) Bromoform	10.799	173	47153	20.711	ug/l #	100
73) Isopropylbenzene	10.963	105	289773	21.104	ug/l	99
74) N-amyl acetate	10.841	43	115687	20.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90207	20.783	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81488	23.893	ug/l	92
77) Bromobenzene	11.195	156	73887	21.035	ug/l	99
78) n-propylbenzene	11.305	91	345428	21.130	ug/l	99
79) 2-Chlorotoluene	11.360	91	215061	21.213	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	237947	21.194	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11997	19.572	ug/l	98
82) 4-Chlorotoluene	11.451	91	248243	20.868	ug/l	100
83) tert-Butylbenzene	11.713	119	232341	20.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	243731	21.298	ug/l	99
85) sec-Butylbenzene	11.890	105	279241	20.506	ug/l	100
86) p-Isopropyltoluene	12.006	119	238490	20.892	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	138719	21.182	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	139734	20.666	ug/l	98
89) n-Butylbenzene	12.329	91	213094	20.226	ug/l	99
90) Hexachloroethane	12.536	117	40708	19.400	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	136060	21.202	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15679	19.583	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	78517	20.072	ug/l	99
94) Hexachlorobutadiene	13.725	225	23663	17.404	ug/l	97
95) Naphthalene	13.774	128	230447	20.153	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	71640	19.497	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

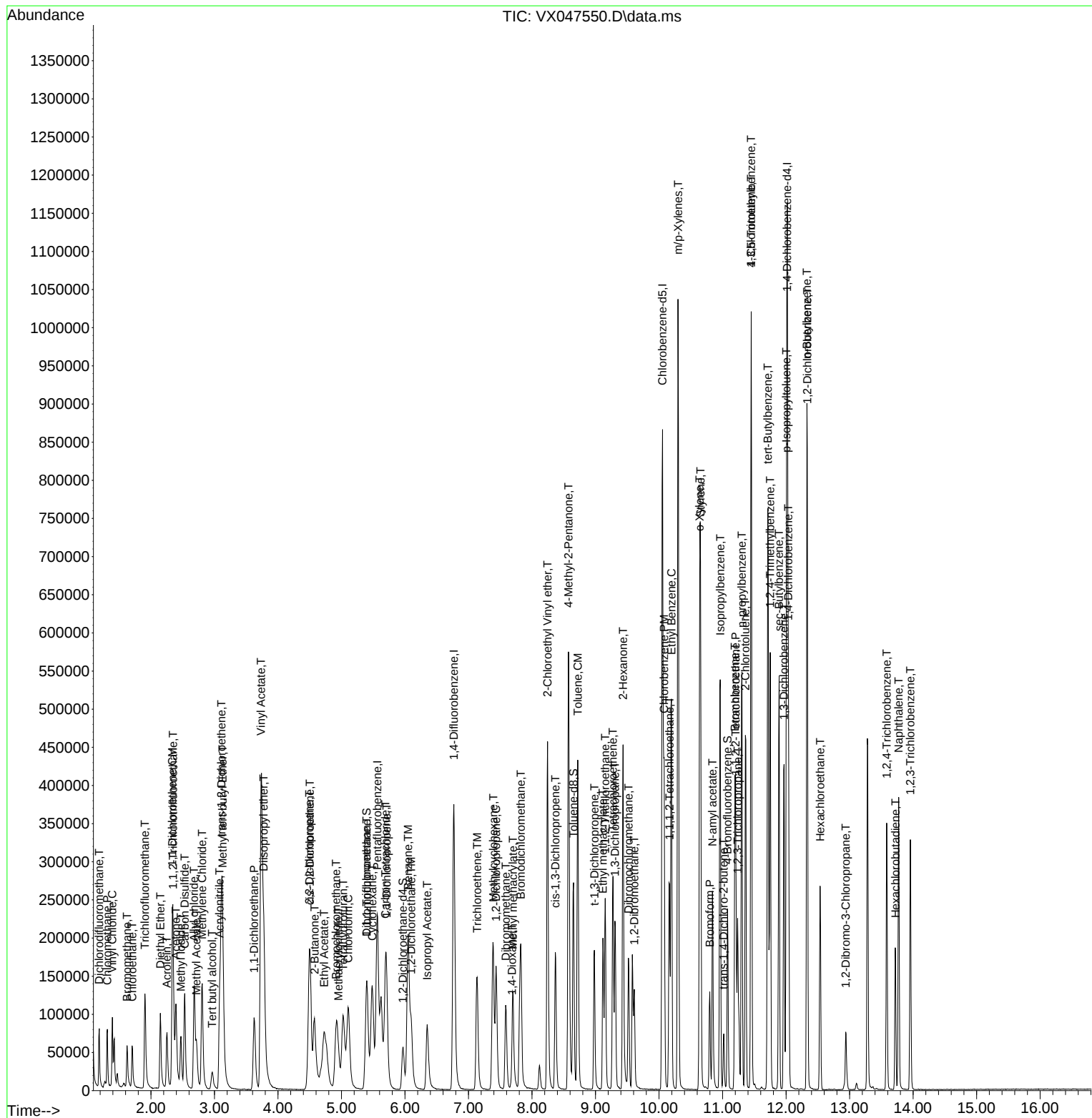
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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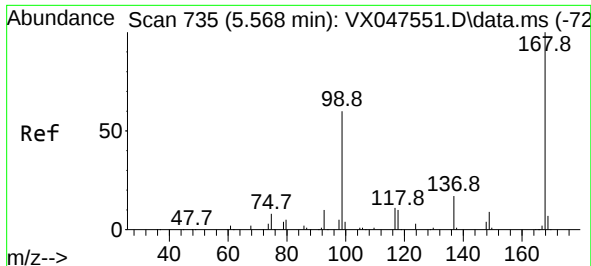
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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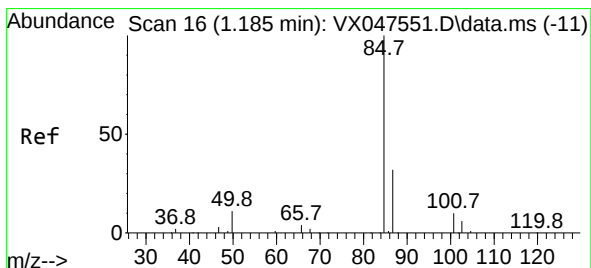
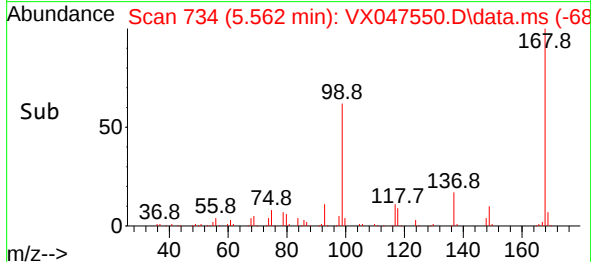
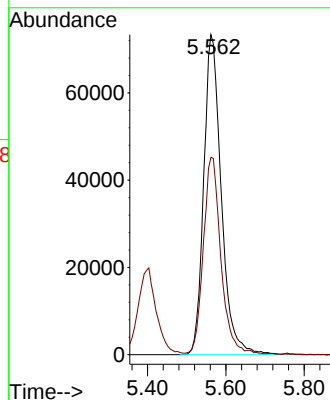
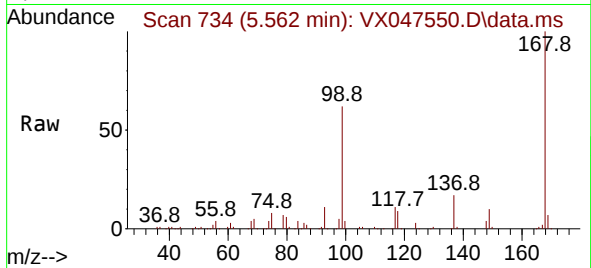




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047550.D
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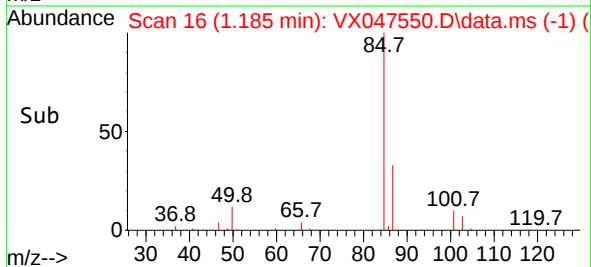
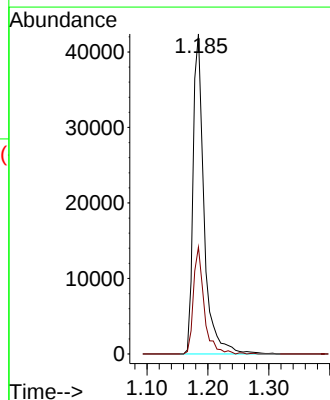
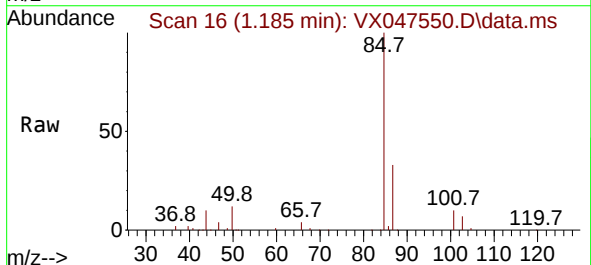
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

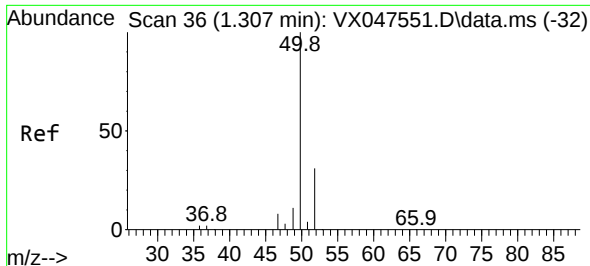
Tgt Ion:168 Resp: 228048
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 21.256 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 85 Resp: 53085
Ion Ratio Lower Upper
85 100
87 33.4 15.9 47.7

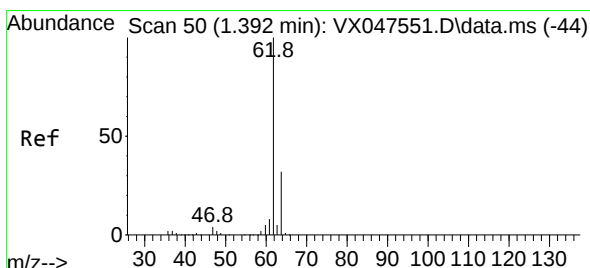
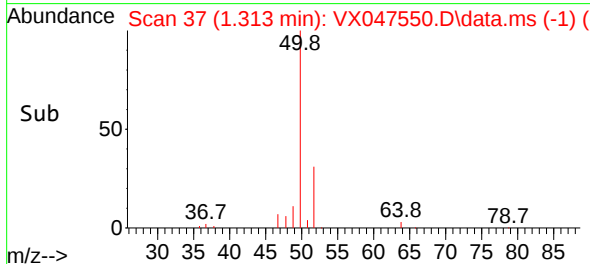
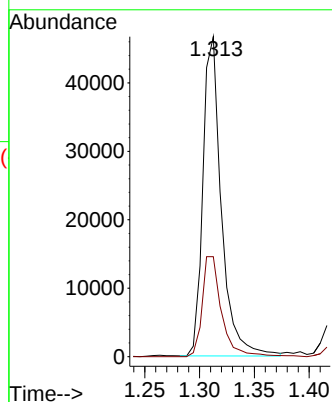
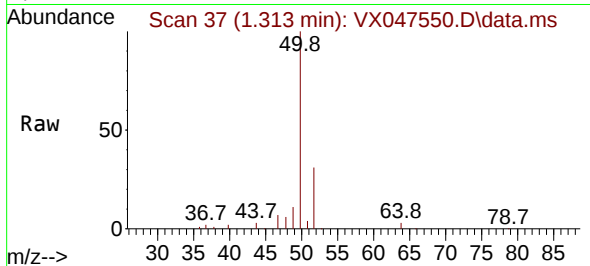




#3
Chloromethane
Concen: 20.055 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

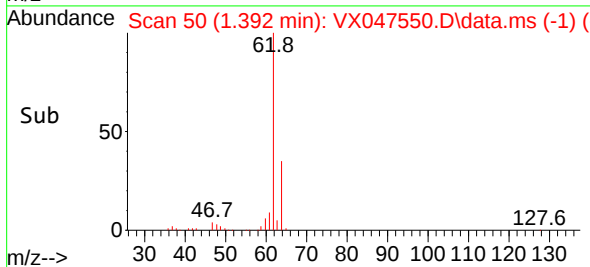
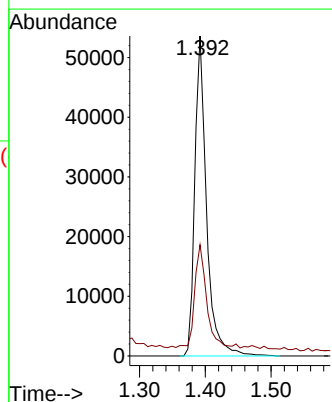
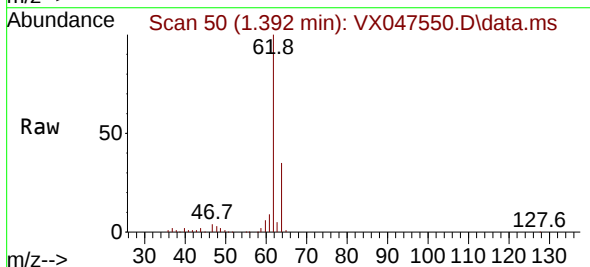
Instrument :
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ClientSampleId :
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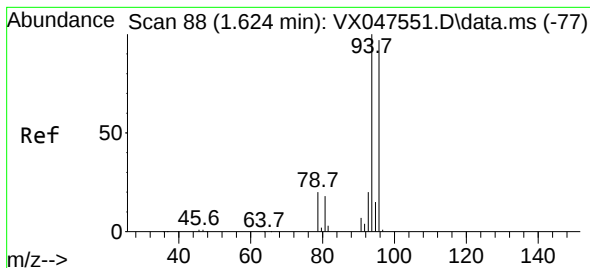
Tgt Ion: 50 Resp: 54703
Ion Ratio Lower Upper
50 100
52 31.3 24.6 37.0



#4
Vinyl Chloride
Concen: 20.673 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 62 Resp: 66286
Ion Ratio Lower Upper
62 100
64 32.6 25.9 38.9





#5

Bromomethane

Concen: 21.185 ug/l

RT: 1.623 min Scan# 88

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

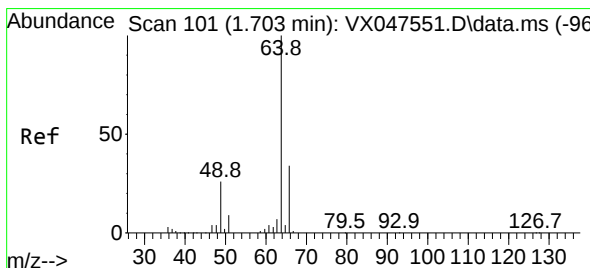
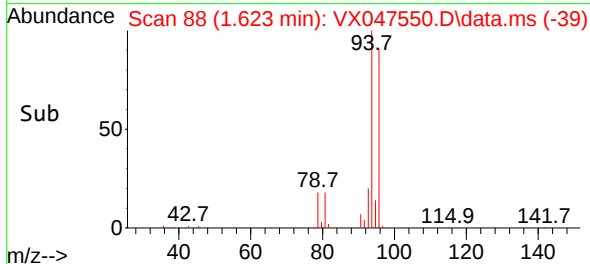
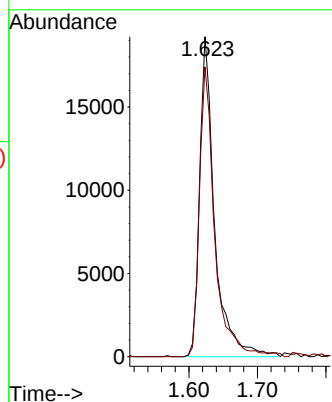
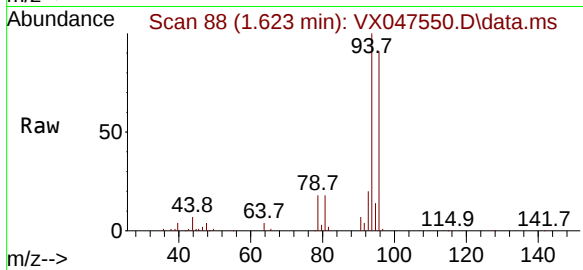
VSTDICC020

Tgt Ion: 94 Resp: 29380

Ion Ratio Lower Upper

94 100

96 90.6 77.7 116.5



#6

Chloroethane

Concen: 19.637 ug/l

RT: 1.703 min Scan# 101

Delta R.T. -0.000 min

Lab File: VX047550.D

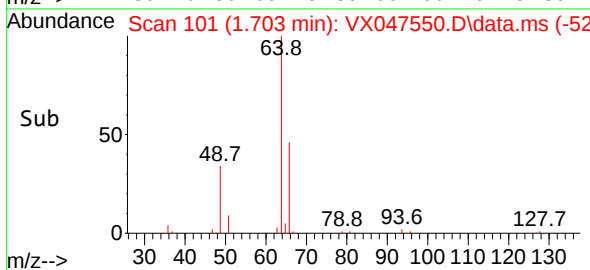
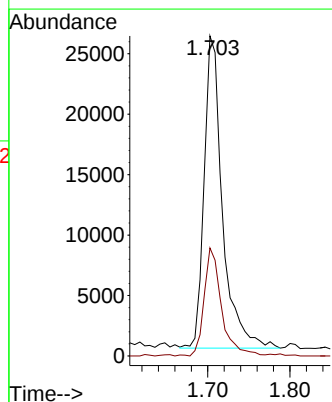
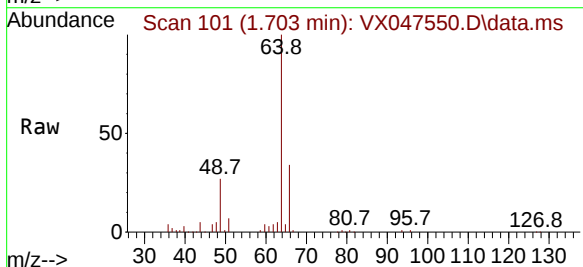
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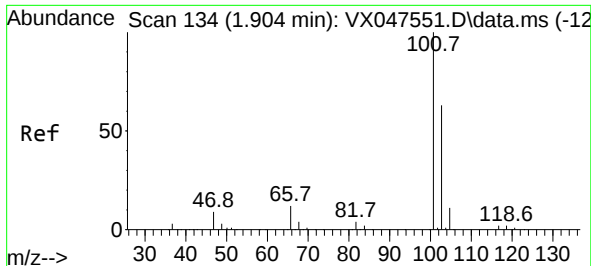
Tgt Ion: 64 Resp: 40004

Ion Ratio Lower Upper

64 100

66 34.3 27.4 41.2

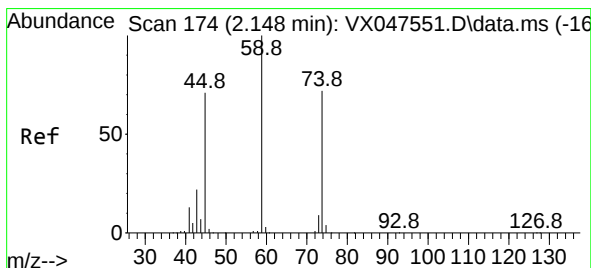
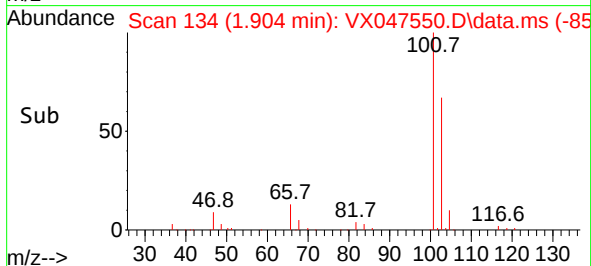
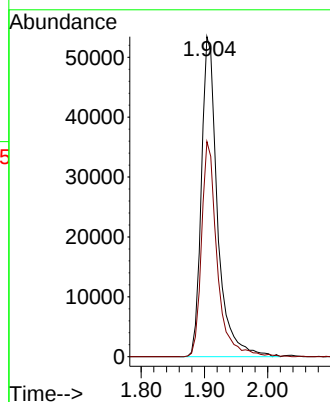
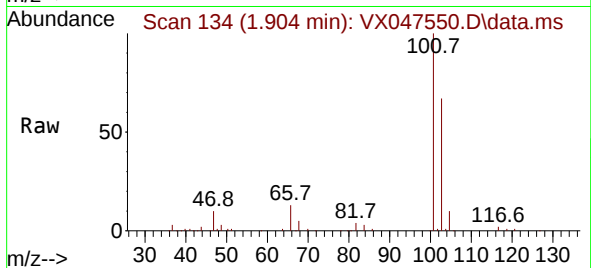




#7
Trichlorofluoromethane
Concen: 20.760 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

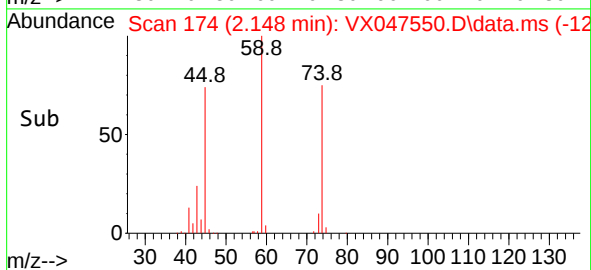
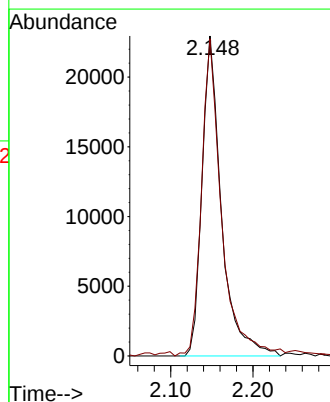
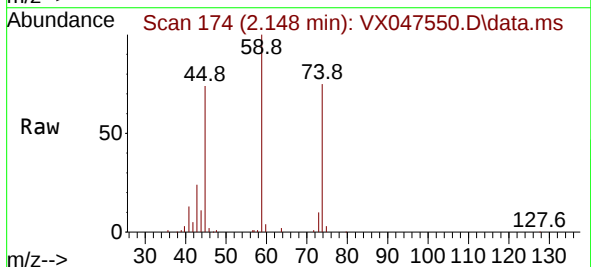
Instrument :
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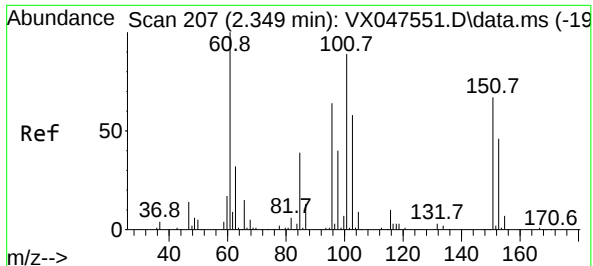
Tgt Ion:101 Resp: 94673
Ion Ratio Lower Upper
101 100
103 67.2 50.1 75.1



#8
Diethyl Ether
Concen: 20.819 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047550.D
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Tgt Ion: 74 Resp: 37670
Ion Ratio Lower Upper
74 100
45 102.6 49.0 147.0

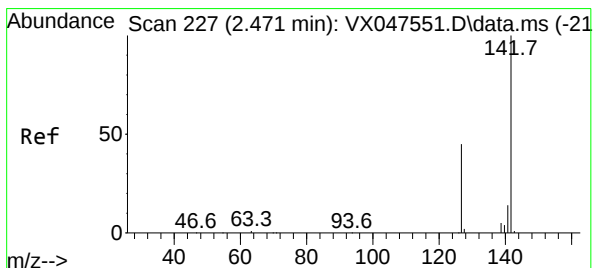
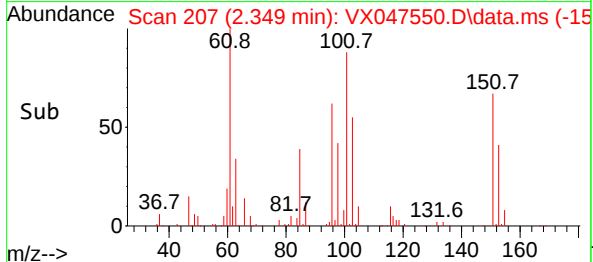
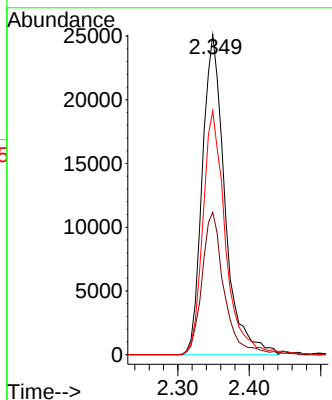
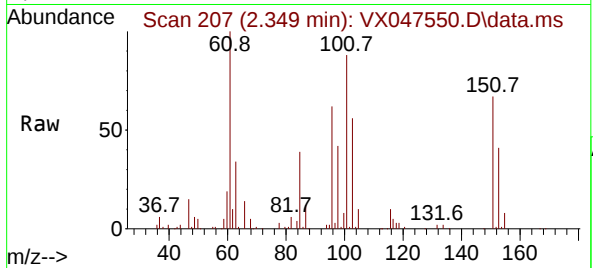




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.248 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

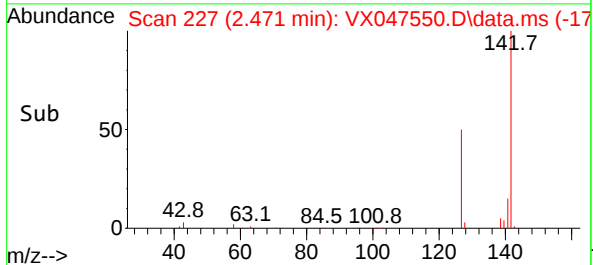
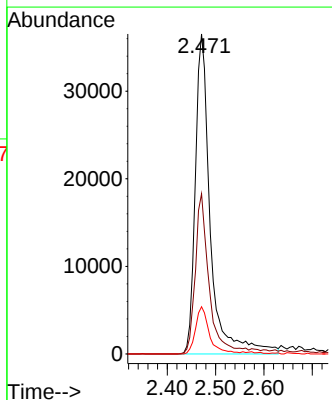
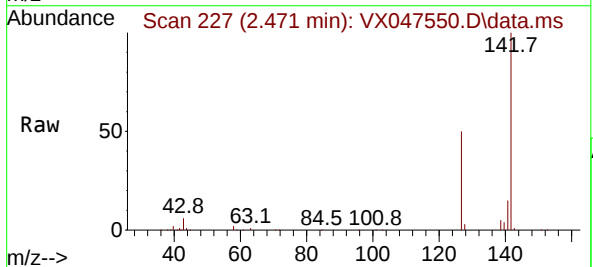
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

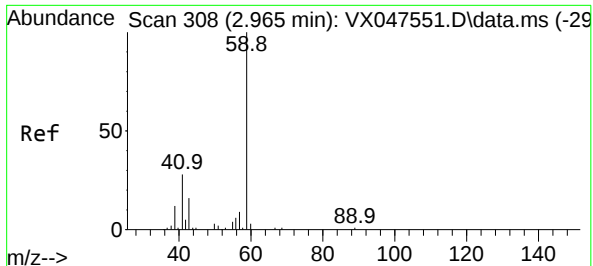
Tgt Ion:101 Resp: 54992
Ion Ratio Lower Upper
101 100
85 43.8 35.1 52.7
151 76.6 58.6 88.0



#10
Methyl Iodide
Concen: 17.549 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:142 Resp: 78897
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 13.6 10.6 16.0

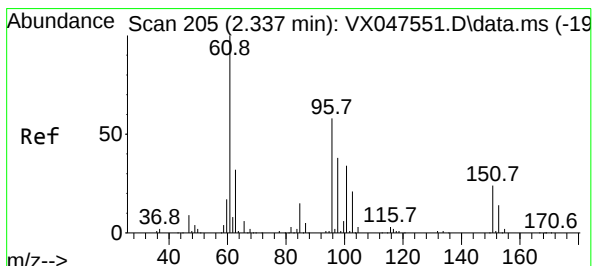
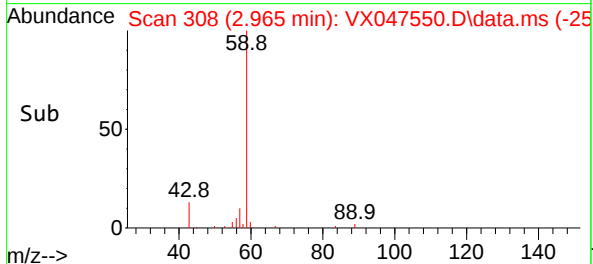
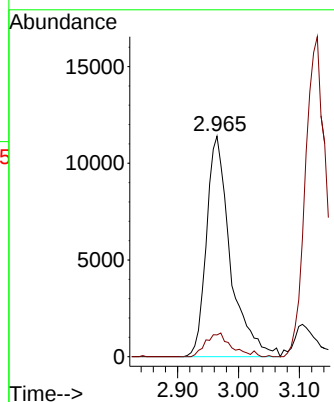
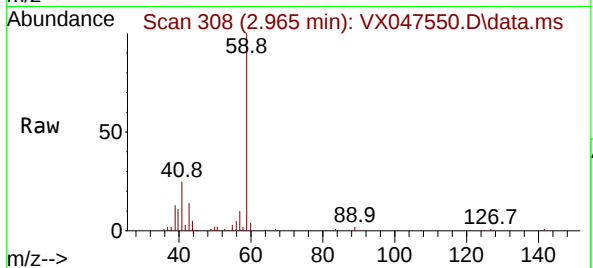




#11
Tert butyl alcohol
Concen: 96.593 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

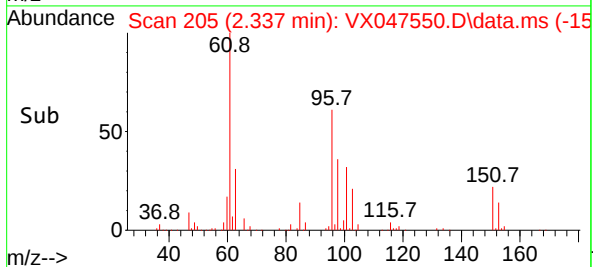
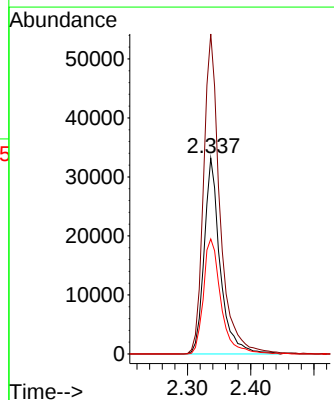
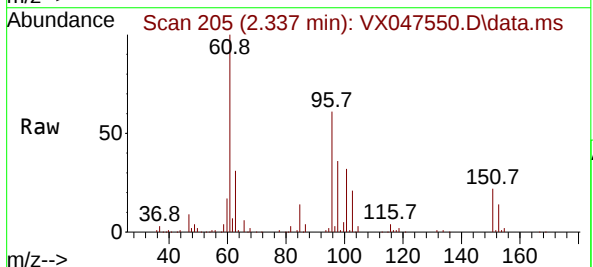
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

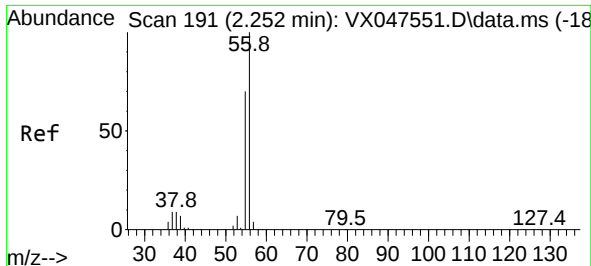
Tgt Ion: 59 Resp: 31092
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 20.263 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 96 Resp: 58358
Ion Ratio Lower Upper
96 100
61 163.3 136.8 205.2
98 60.8 52.4 78.6

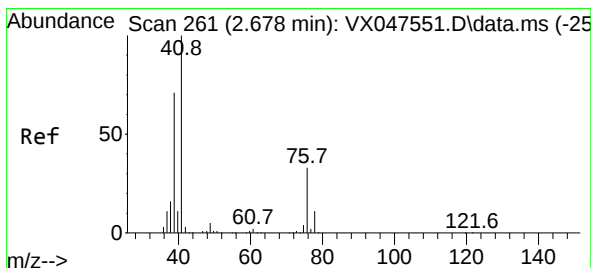
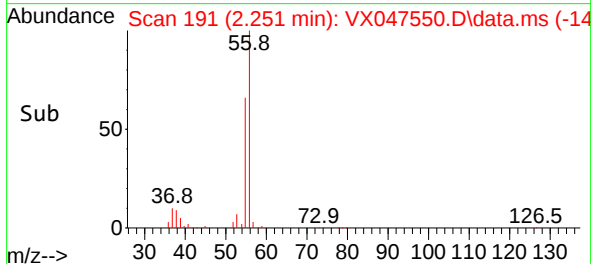
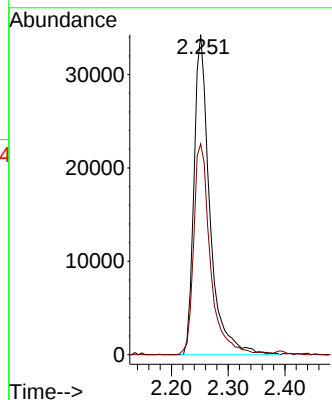
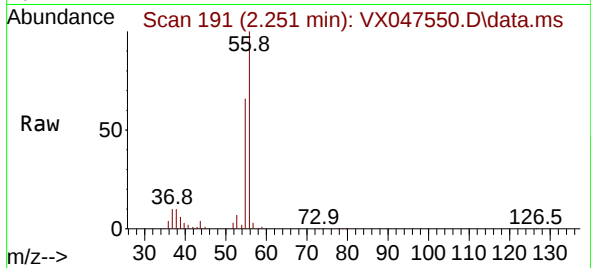




#13
Acrolein
Concen: 102.887 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

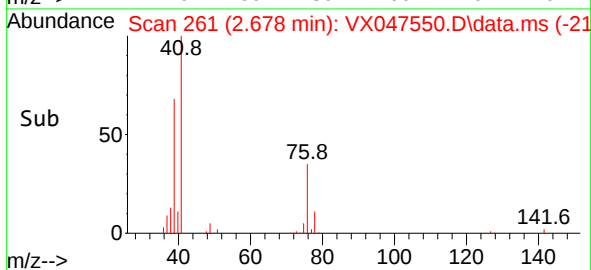
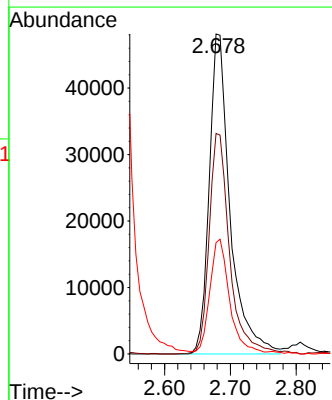
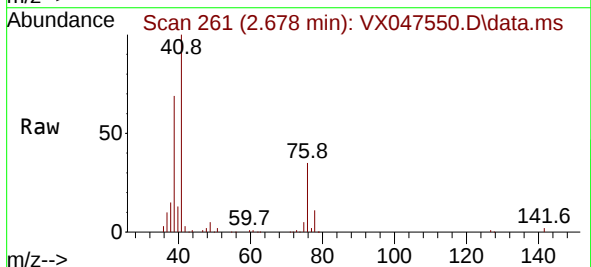
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

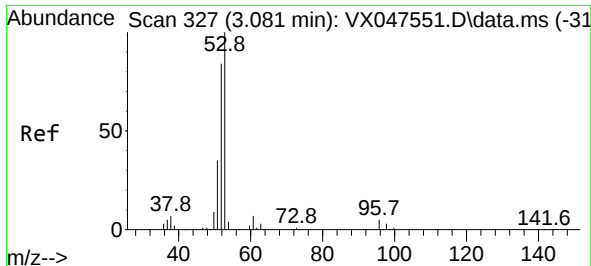
Tgt Ion: 56 Resp: 66389
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.6



#14
Allyl chloride
Concen: 20.163 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 41 Resp: 106377
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 32.5 26.8 40.2

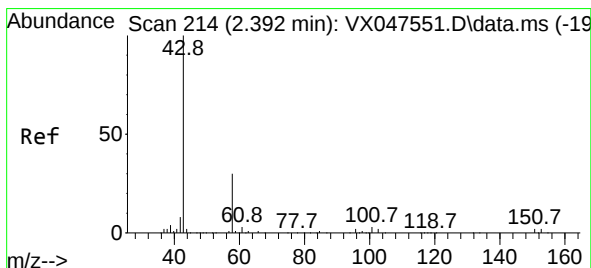
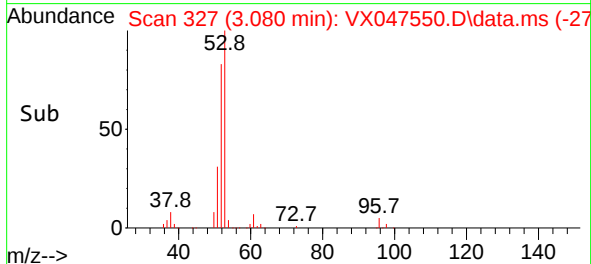
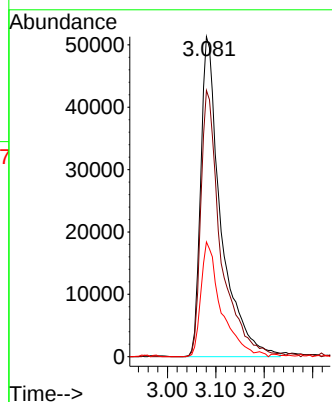
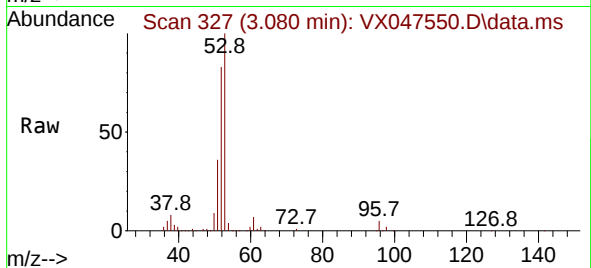




#15
Acrylonitrile
Concen: 103.578 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

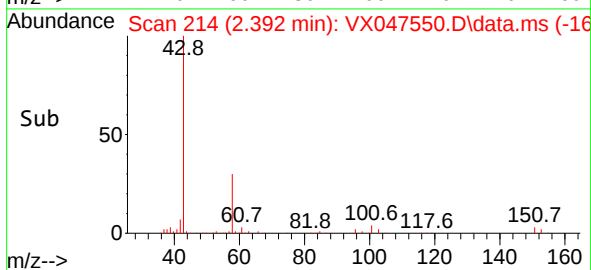
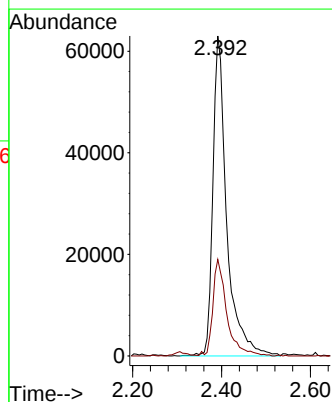
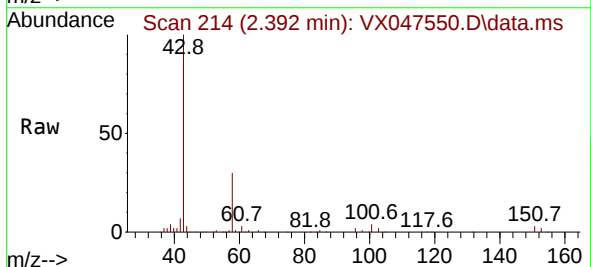
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

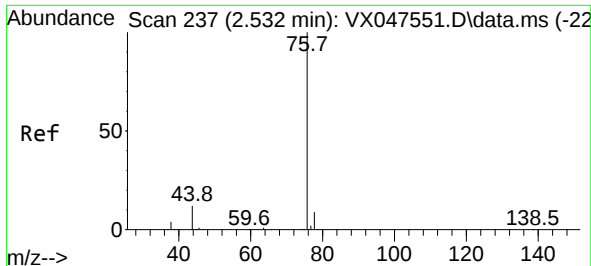
Tgt Ion: 53 Resp: 149191
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.4
51 36.0 29.4 44.0



#16
Acetone
Concen: 98.263 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 43 Resp: 136286
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.2

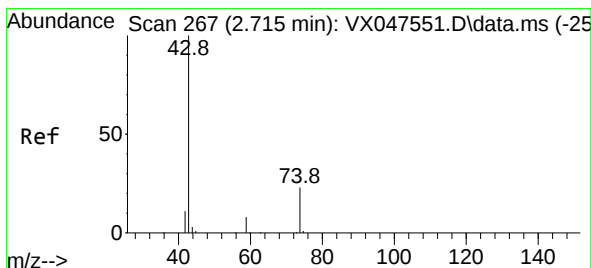
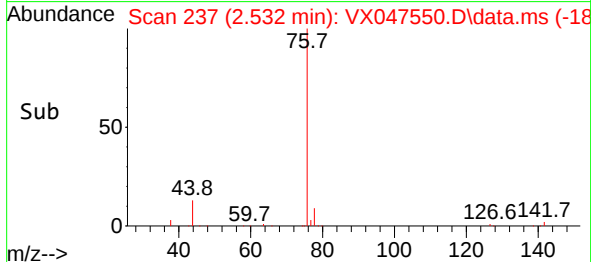
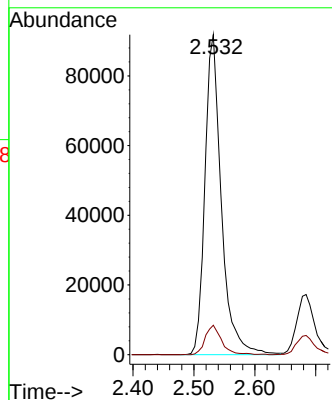
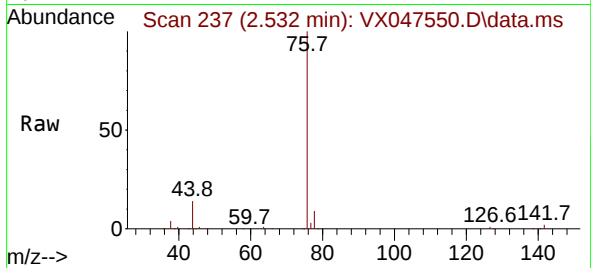




#17
Carbon Disulfide
Concen: 20.082 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

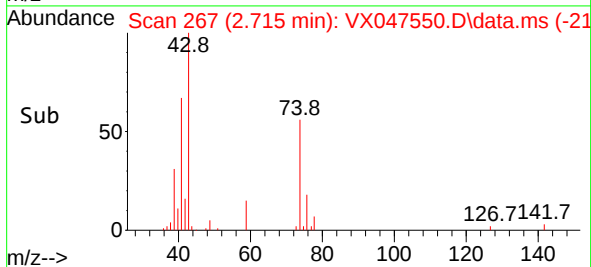
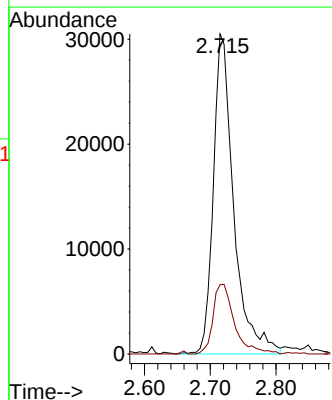
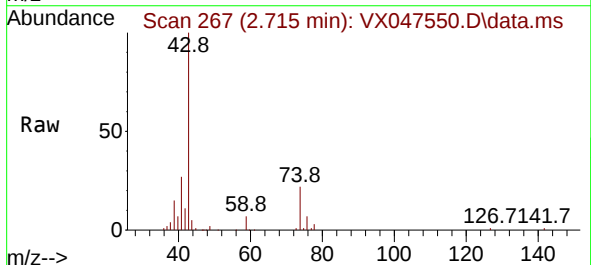
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

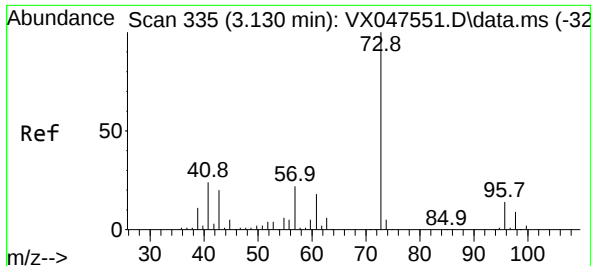
Tgt Ion: 76 Resp: 171976
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 19.221 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 43 Resp: 65725
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8

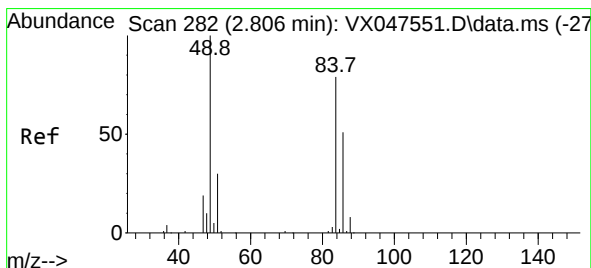
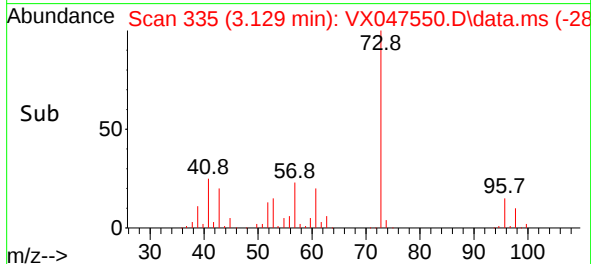
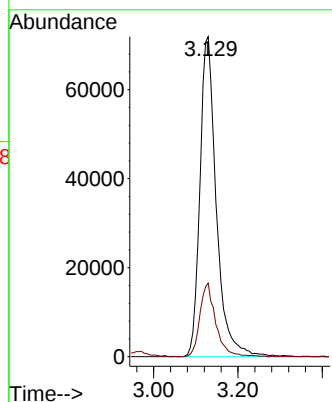
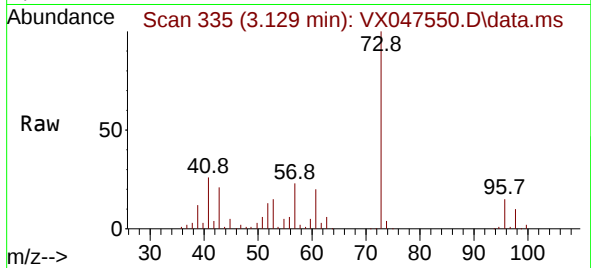




#19
Methyl tert-butyl Ether
Concen: 20.674 ug/l
RT: 3.129 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

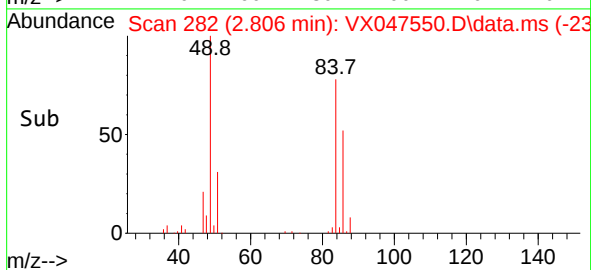
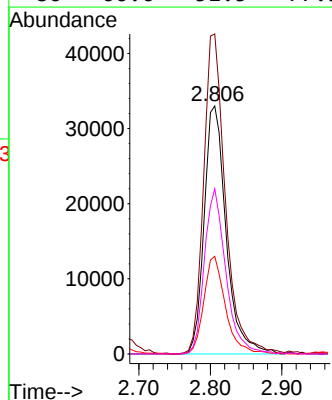
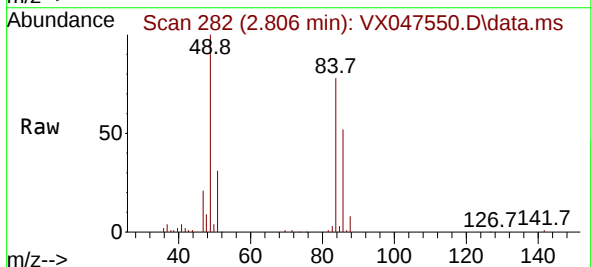
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

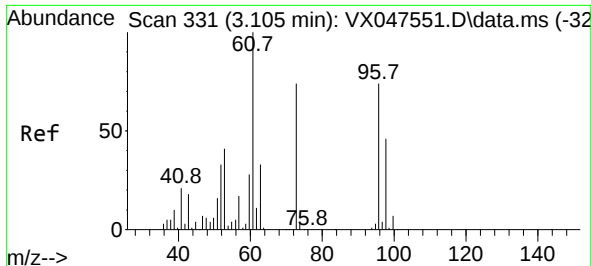
Tgt Ion: 73 Resp: 194340
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2



#20
Methylene Chloride
Concen: 19.991 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 84 Resp: 70554
Ion Ratio Lower Upper
84 100
49 128.8 101.4 152.2
51 39.4 30.6 46.0
86 66.6 51.5 77.3

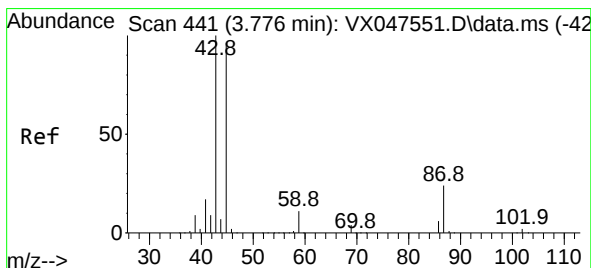
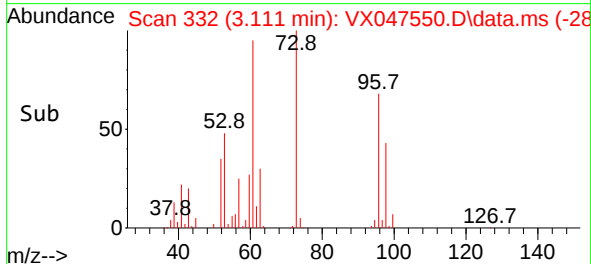
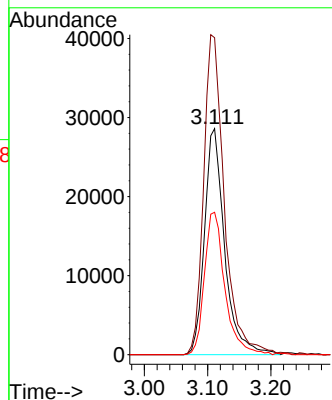
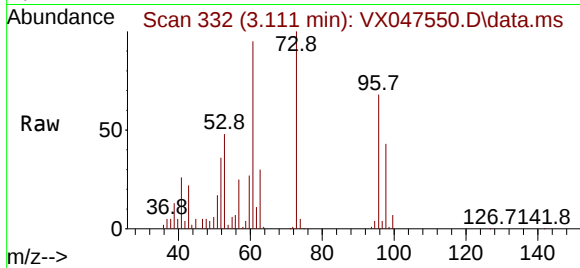




#21
trans-1,2-Dichloroethene
Concen: 20.700 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

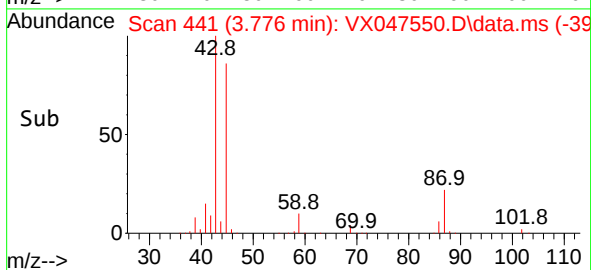
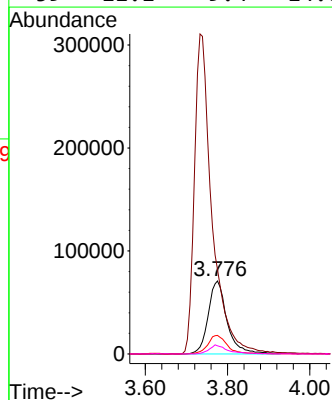
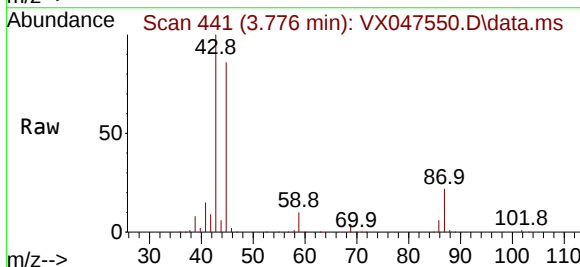
Instrument :
MSVOA_X
ClientSampleId :
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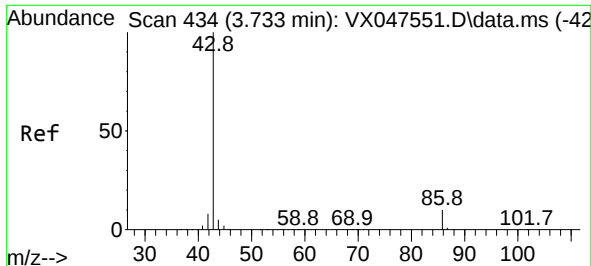
Tgt Ion: 96 Resp: 63440
Ion Ratio Lower Upper
96 100
61 140.2 108.0 162.0
98 64.9 51.6 77.4



#22
Diisopropyl ether
Concen: 21.257 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 45 Resp: 225871
Ion Ratio Lower Upper
45 100
43 115.2 83.2 124.8
87 25.4 20.2 30.4
59 11.1 9.4 14.0

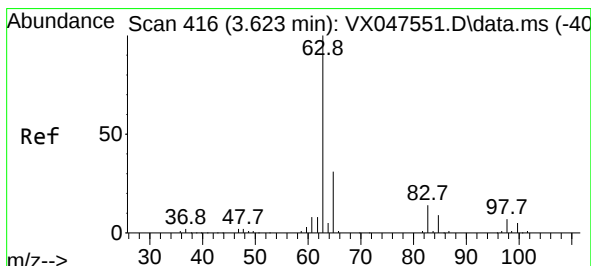
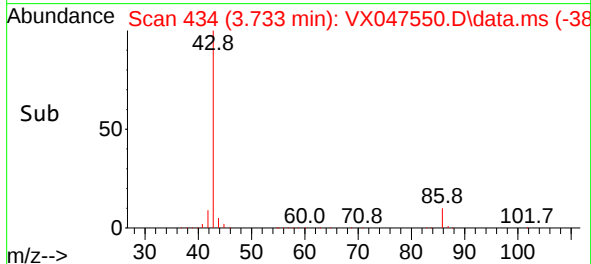
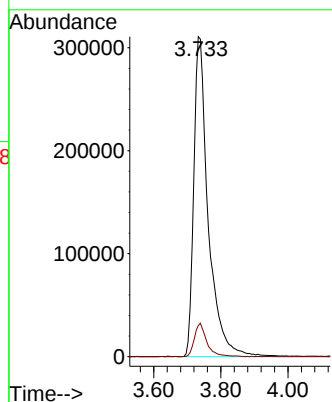
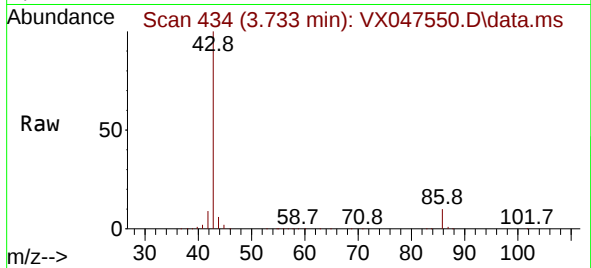




#23
 Vinyl Acetate
 Concen: 107.414 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX047550.D
 Acq: 28 Aug 2025 15:32

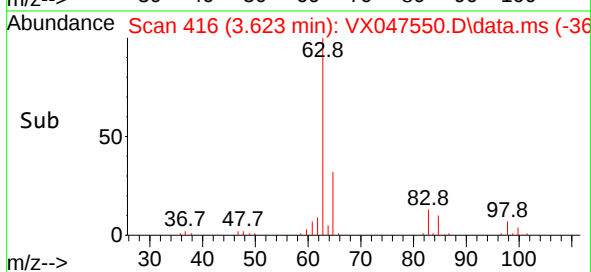
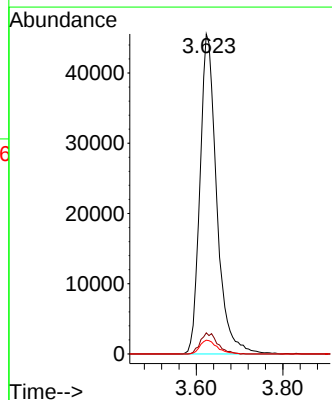
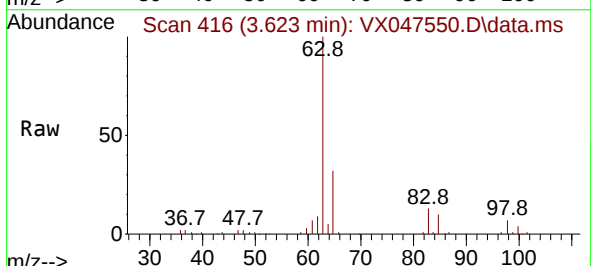
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

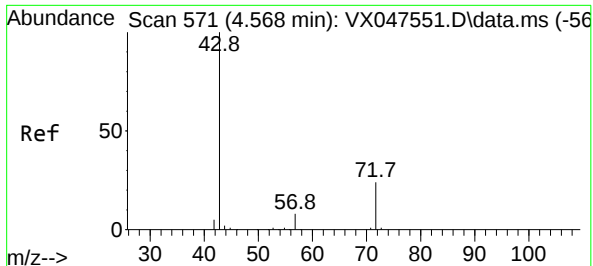
Tgt Ion: 43 Resp: 929385
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.696 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047550.D
 Acq: 28 Aug 2025 15:32

Tgt Ion: 63 Resp: 122196
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.5 2.6 7.8

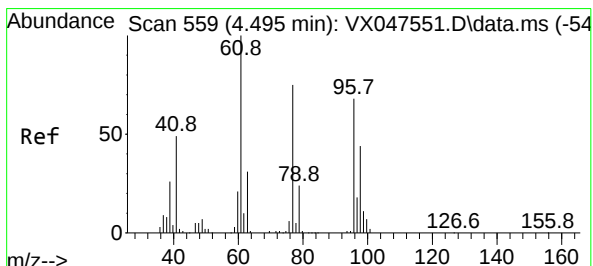
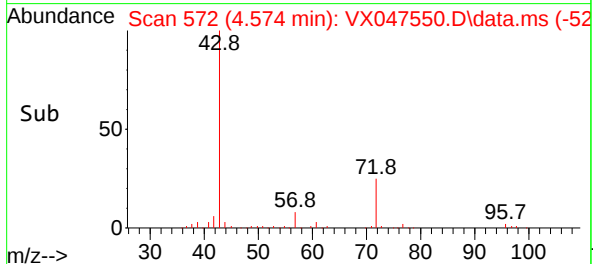
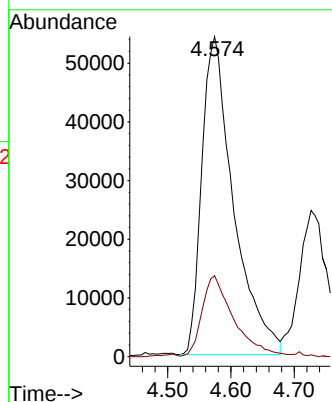
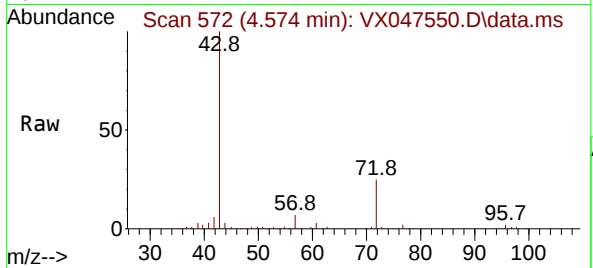




#25
2-Butanone
Concen: 103.785 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

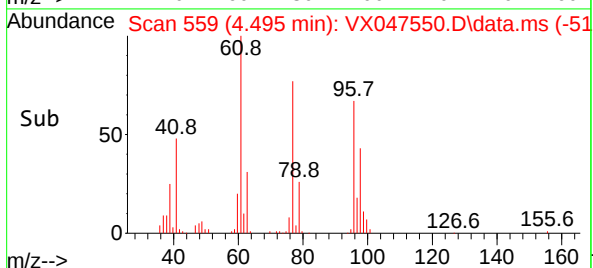
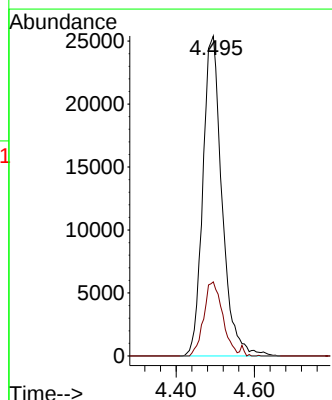
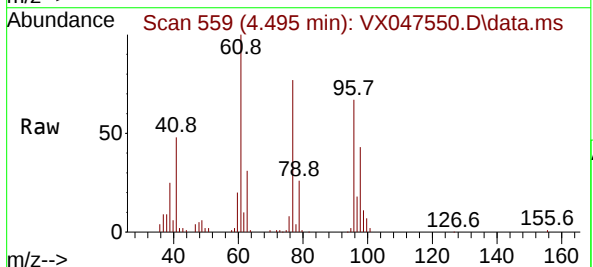
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

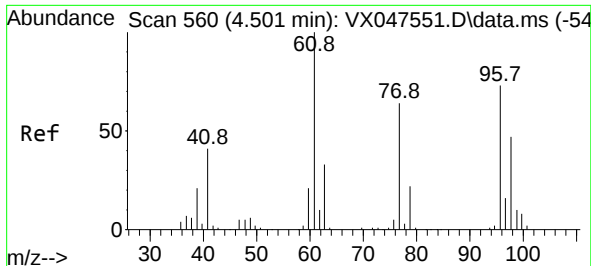
Tgt Ion: 43 Resp: 189435
Ion Ratio Lower Upper
43 100
72 25.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.167 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 77 Resp: 86067
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.133 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

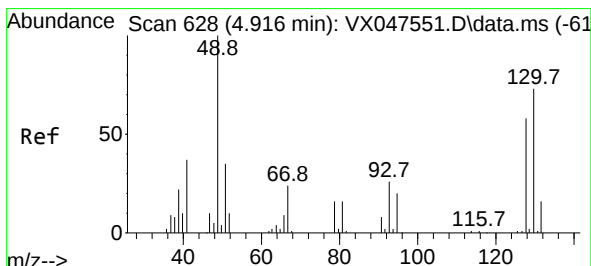
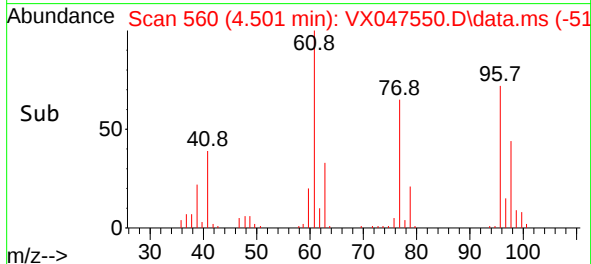
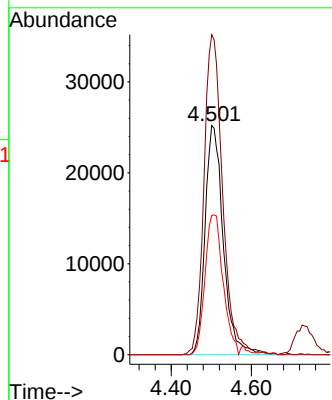
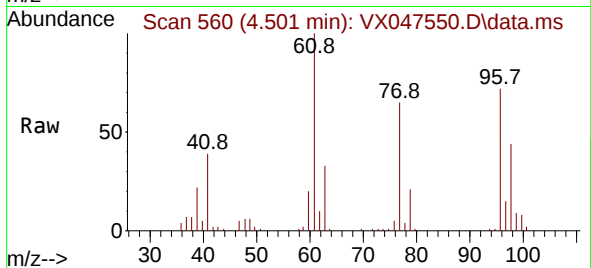
Tgt Ion: 96 Resp: 78911

Ion Ratio Lower Upper

96 100

61 144.3 0.0 289.4

98 60.7 0.0 129.2



#28

Bromochloromethane

Concen: 21.090 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

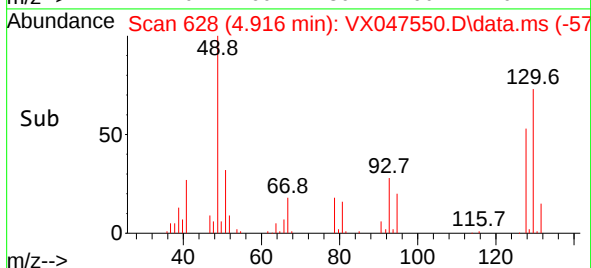
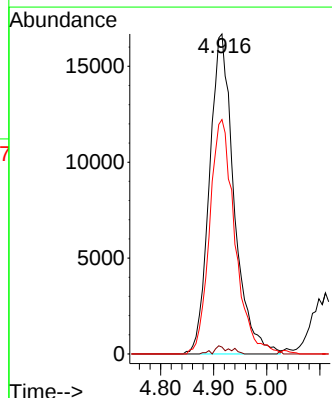
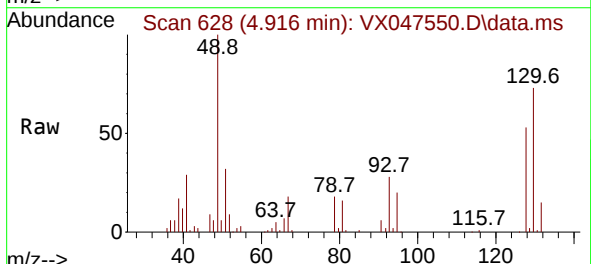
Tgt Ion: 49 Resp: 53738

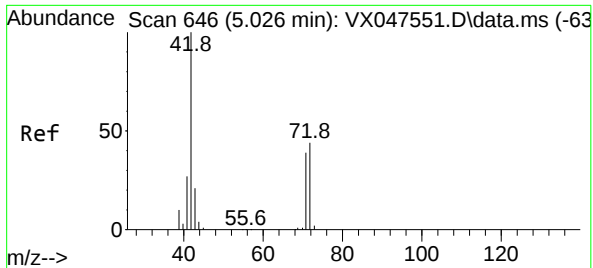
Ion Ratio Lower Upper

49 100

129 1.7 0.0 1.8

130 75.2 59.8 89.6





#29

Tetrahydrofuran

Concen: 103.022 ug/l

RT: 5.025 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

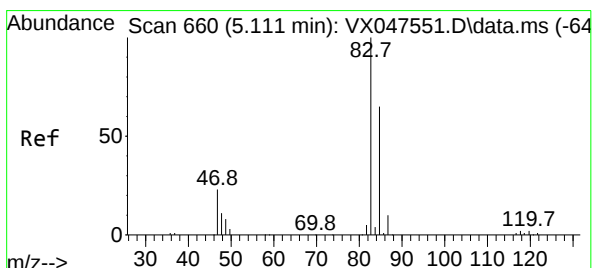
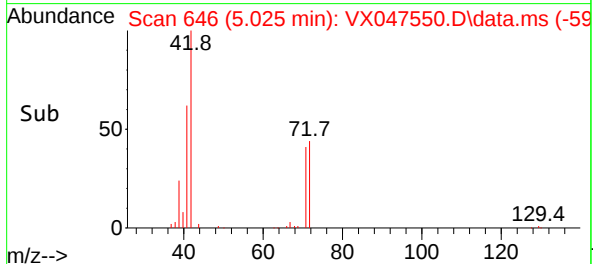
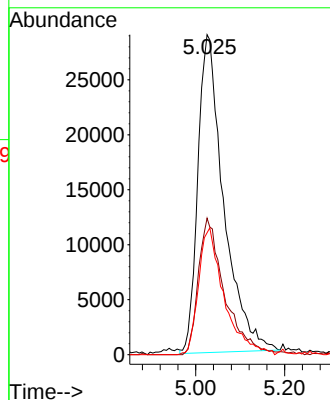
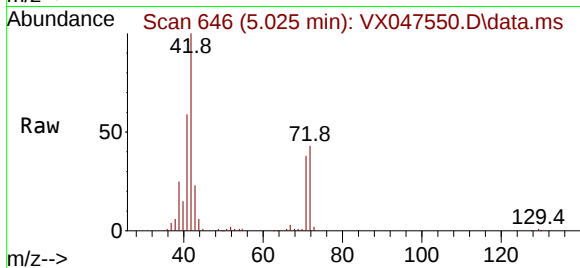
Tgt Ion: 42 Resp: 116693

Ion Ratio Lower Upper

42 100

72 43.5 34.5 51.7

71 39.5 31.7 47.5



#30

Chloroform

Concen: 21.100 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.006 min

Lab File: VX047550.D

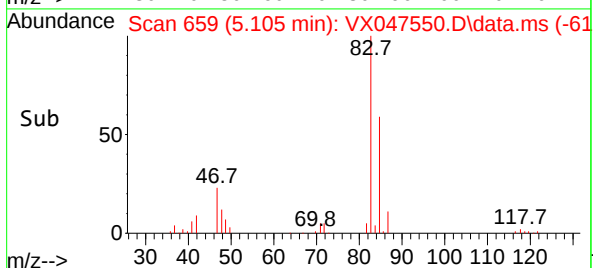
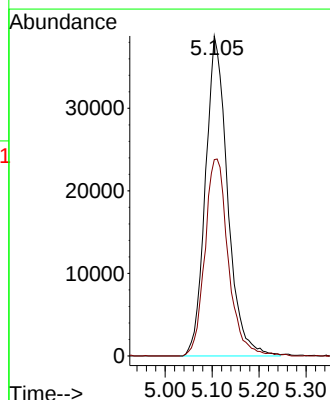
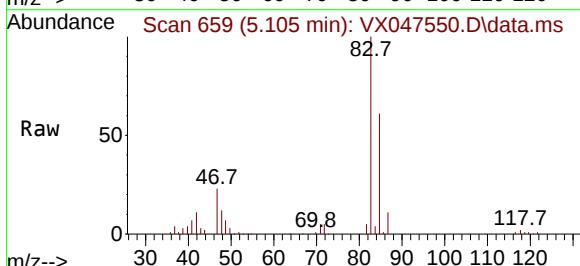
Acq: 28 Aug 2025 15:32

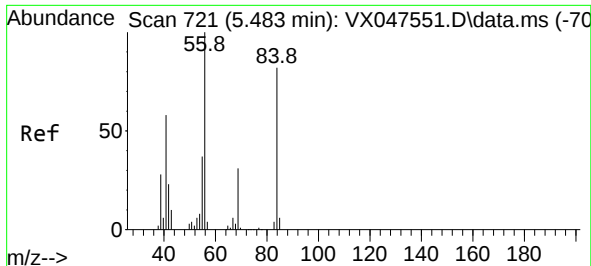
Tgt Ion: 83 Resp: 126857

Ion Ratio Lower Upper

83 100

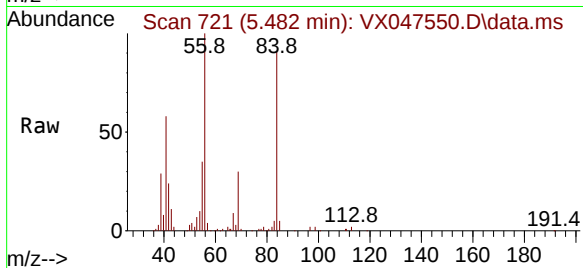
85 62.4 52.3 78.5





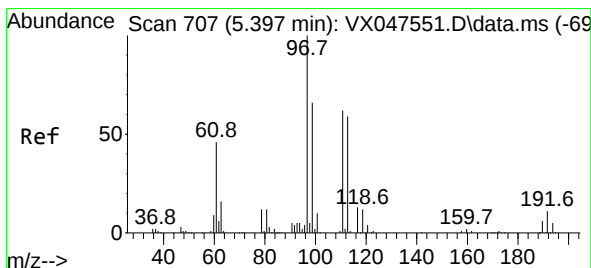
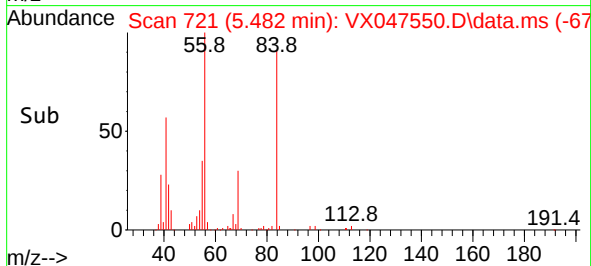
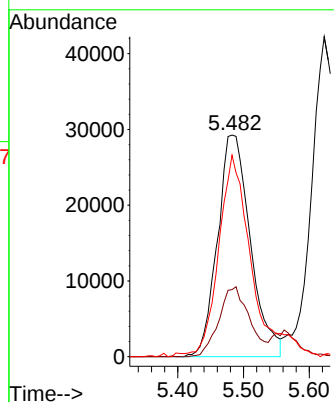
#31
Cyclohexane
Concen: 20.669 ug/l
RT: 5.482 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 101779

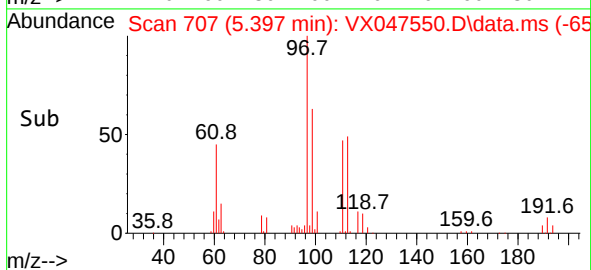
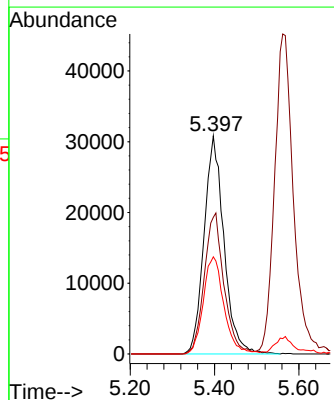
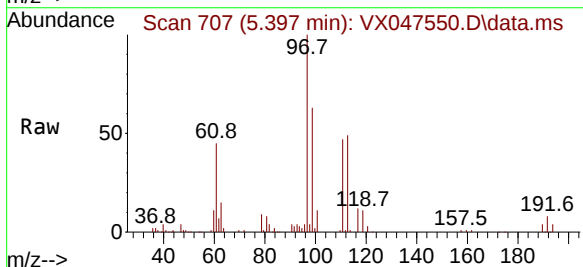
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.2	36.2
84	89.4	65.5	98.3

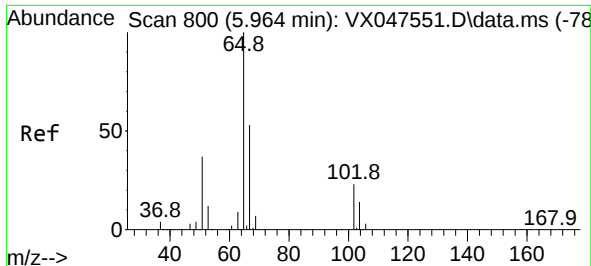


#32
1,1,1-Trichloroethane
Concen: 20.643 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 97 Resp: 101117

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	46.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 16.946 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

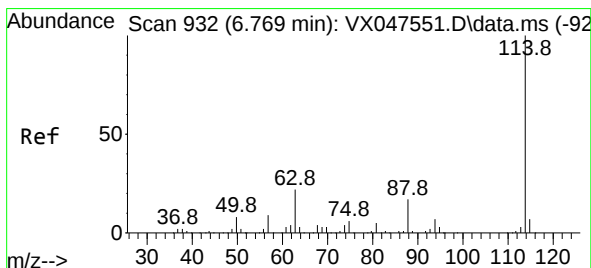
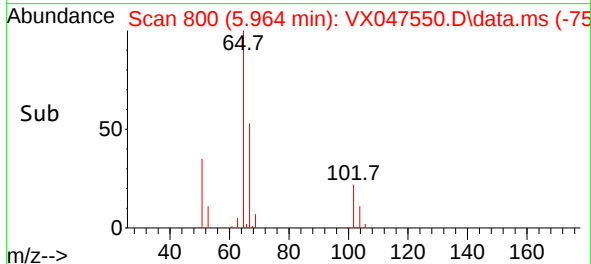
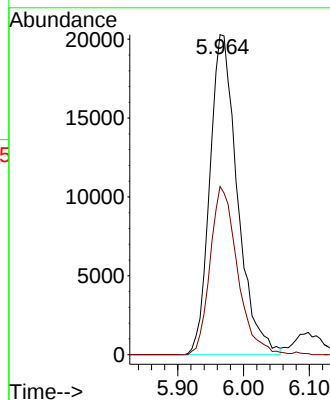
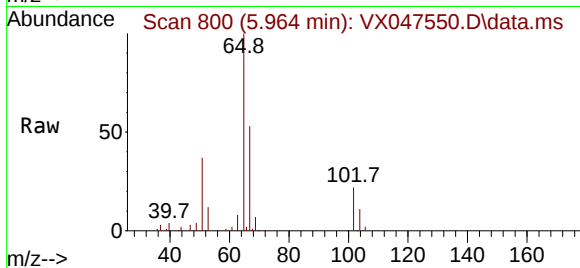
VSTDIC020

Tgt Ion: 65 Resp: 59344

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

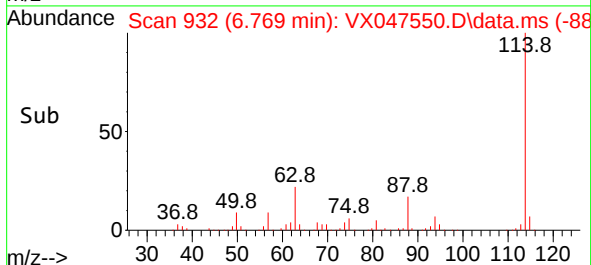
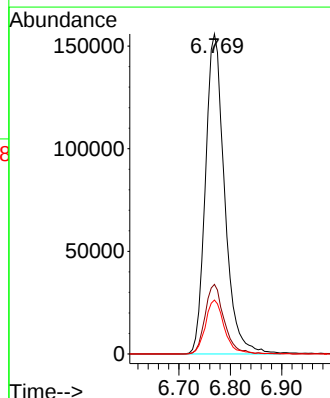
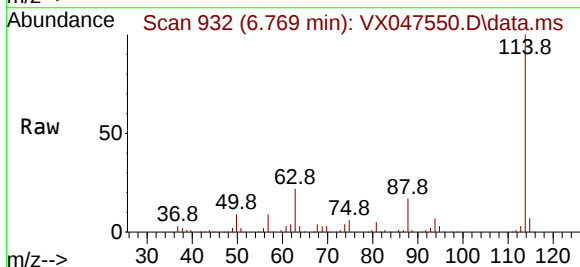
Tgt Ion: 114 Resp: 402901

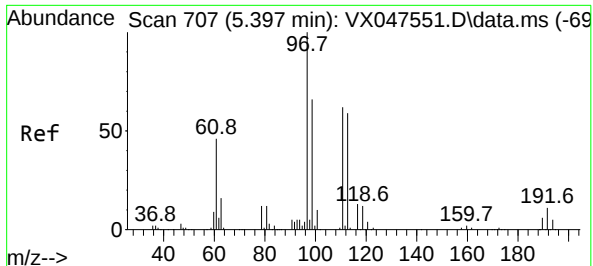
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.6

88 16.9 0.0 33.2

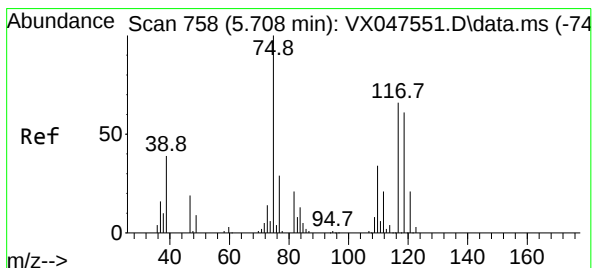
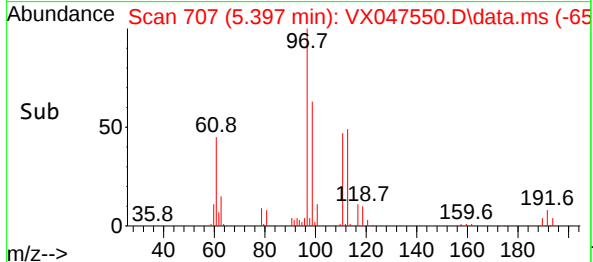
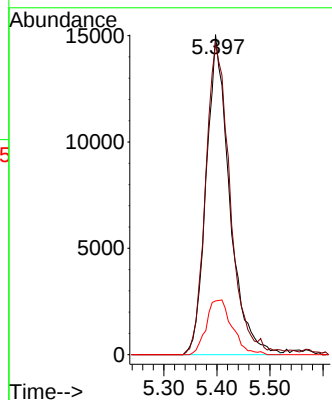
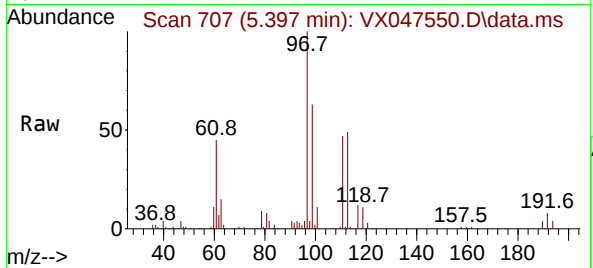




#35
Dibromofluoromethane
Concen: 16.610 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

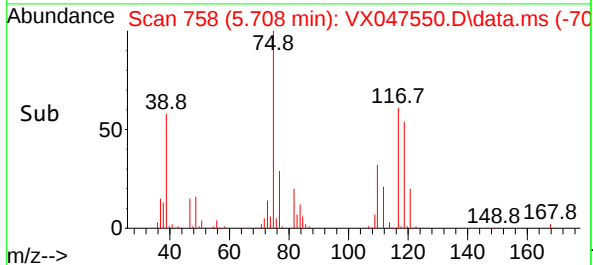
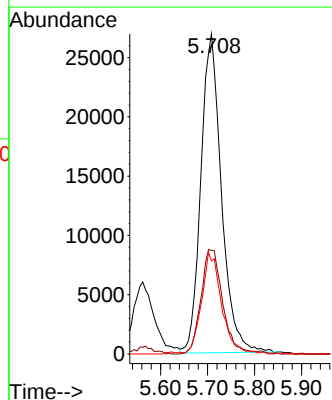
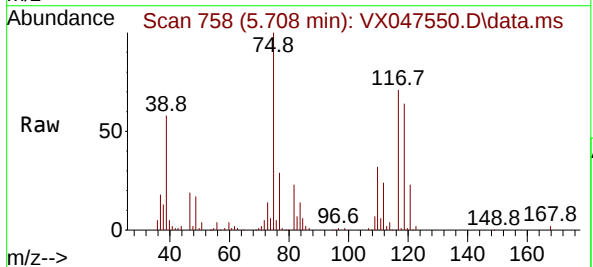
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

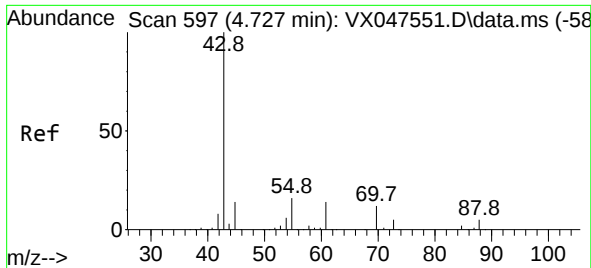
Tgt Ion:113 Resp: 45931
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 19.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 20.798 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 75 Resp: 81849
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.3
77 29.7 25.0 37.6





#37

Ethyl Acetate

Concen: 20.511 ug/l

RT: 4.727 min Scan# 597

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

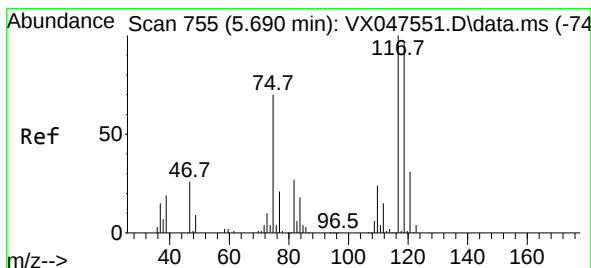
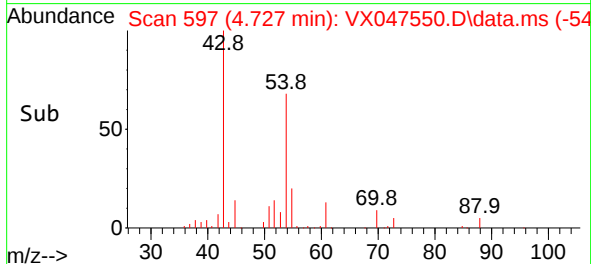
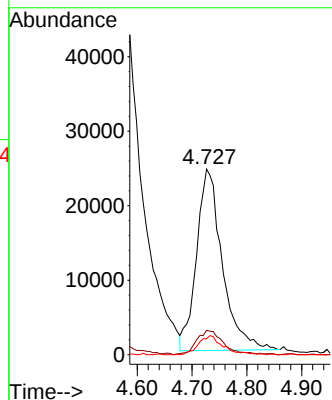
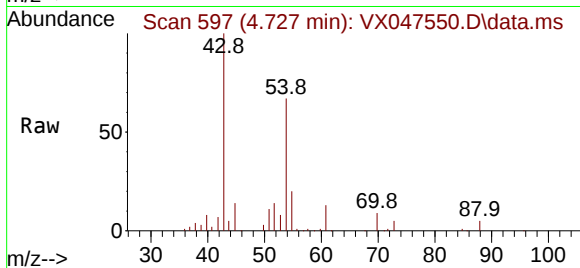
Tgt Ion: 43 Resp: 79559

Ion Ratio Lower Upper

43 100

61 13.7 10.2 15.2

70 10.0 8.2 12.4



#38

Carbon Tetrachloride

Concen: 20.285 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

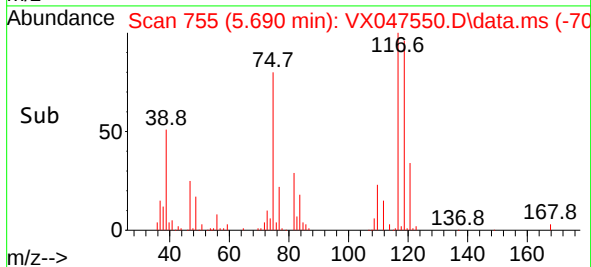
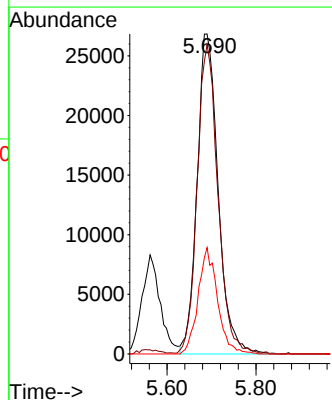
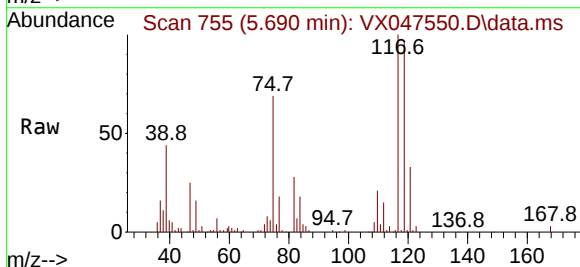
Tgt Ion: 117 Resp: 88575

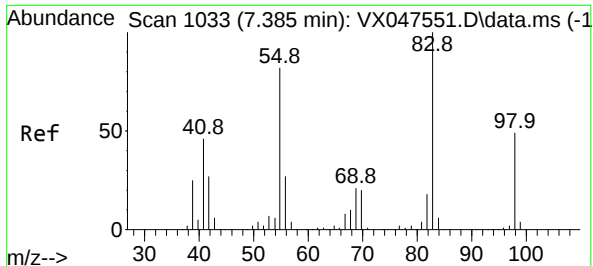
Ion Ratio Lower Upper

117 100

119 96.7 76.4 114.6

121 33.3 24.9 37.3





#39

Methylcyclohexane

Concen: 20.383 ug/l

RT: 7.391 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

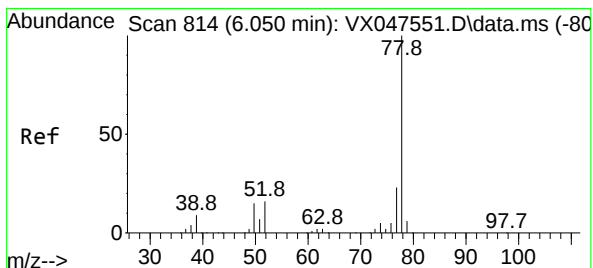
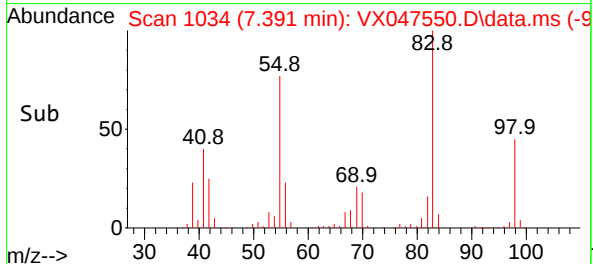
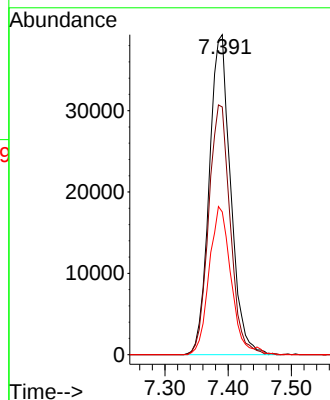
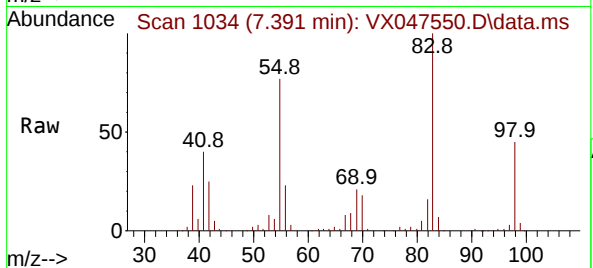
Tgt Ion: 83 Resp: 92510

Ion Ratio Lower Upper

83 100

55 77.4 65.4 98.2

98 44.6 39.0 58.4



#40

Benzene

Concen: 21.070 ug/l

RT: 6.049 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX047550.D

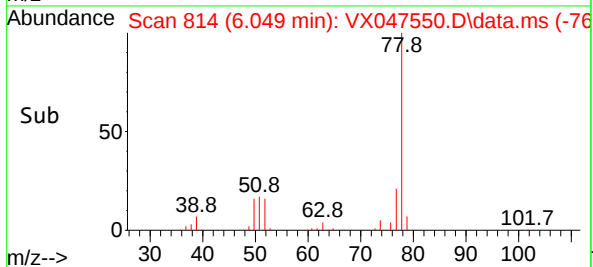
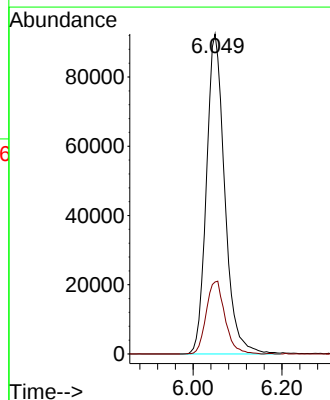
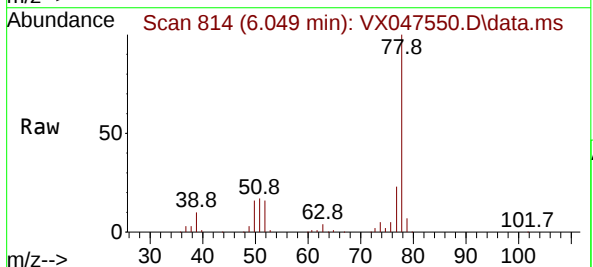
Acq: 28 Aug 2025 15:32

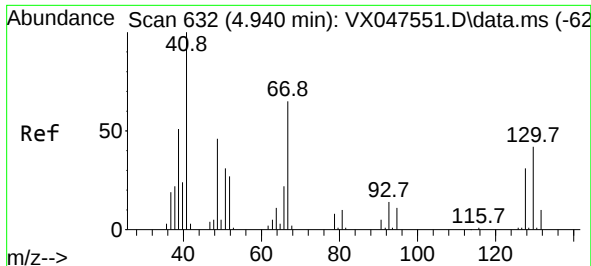
Tgt Ion: 78 Resp: 264724

Ion Ratio Lower Upper

78 100

77 22.5 18.5 27.7

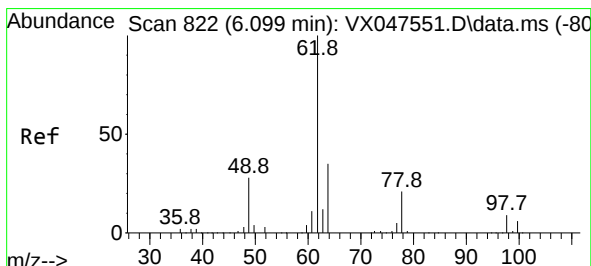
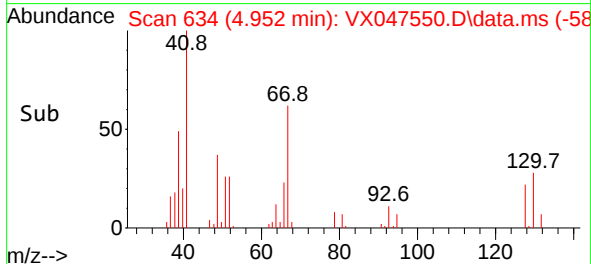
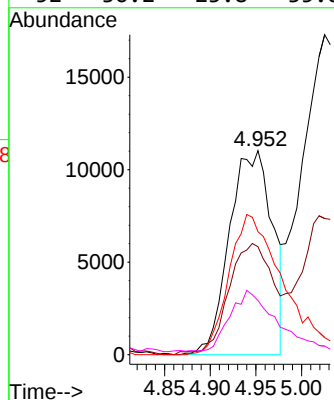
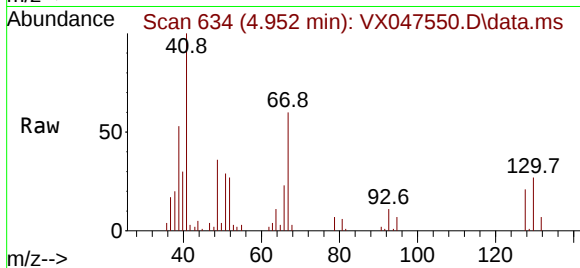




#41
Methacrylonitrile
Concen: 19.618 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

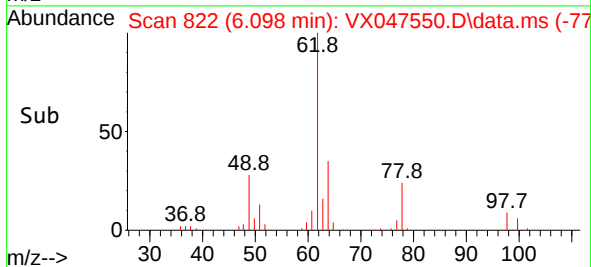
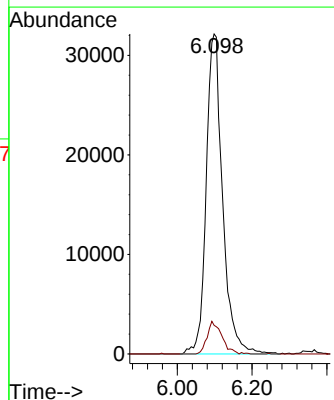
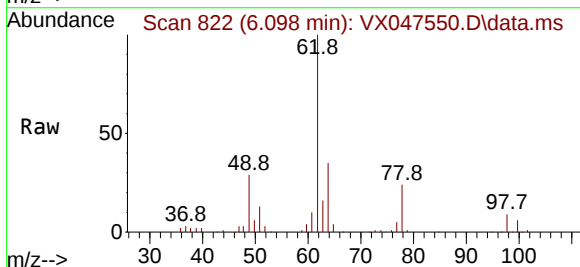
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

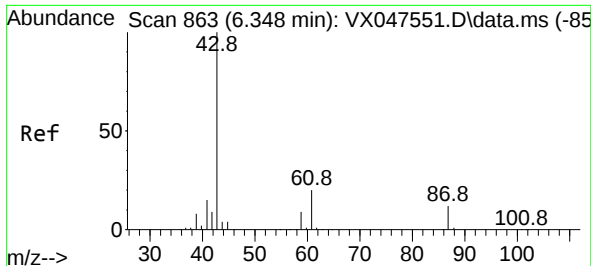
Tgt Ion:	41	Resp:	36038
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.4	63.6
67	89.7	60.6	90.8
52	36.2	23.8	35.8



#42
1,2-Dichloroethane
Concen: 21.572 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:	62	Resp:	97565
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8

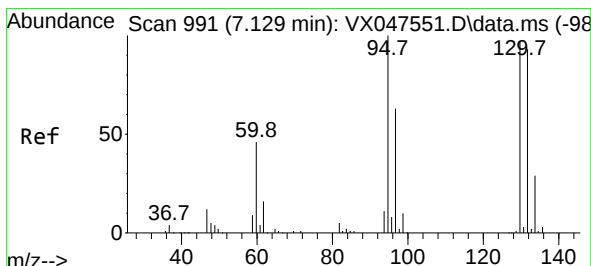
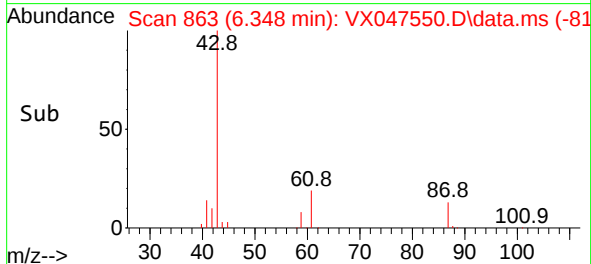
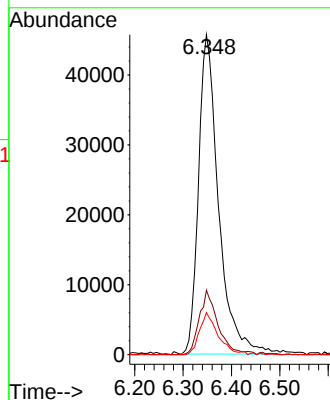
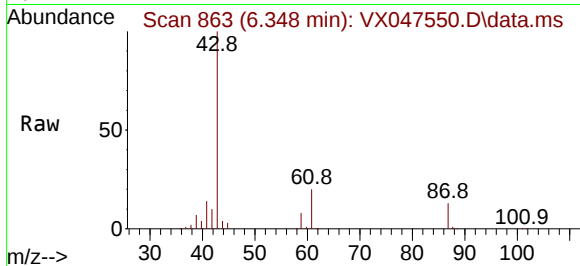




#43
Isopropyl Acetate
Concen: 21.100 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

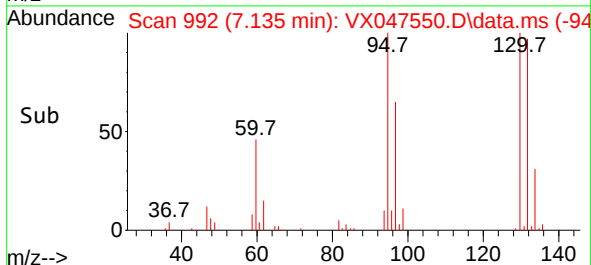
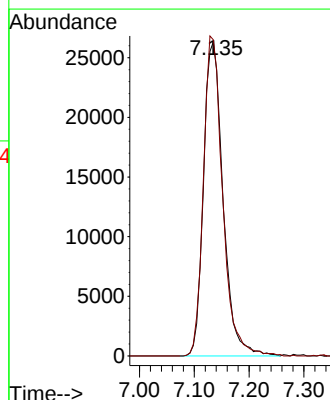
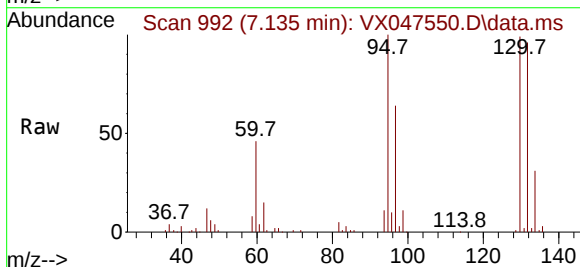
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

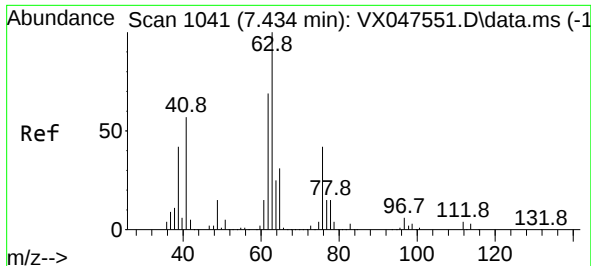
Tgt Ion: 43 Resp: 131510
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.2
87 12.2 9.9 14.9



#44
Trichloroethene
Concen: 20.912 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:130 Resp: 65099
Ion Ratio Lower Upper
130 100
95 100.7 0.0 206.6





#45

1,2-Dichloropropane

Concen: 21.329 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

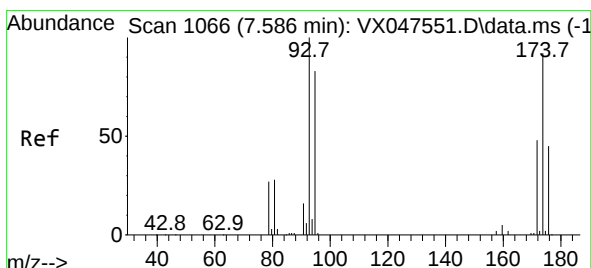
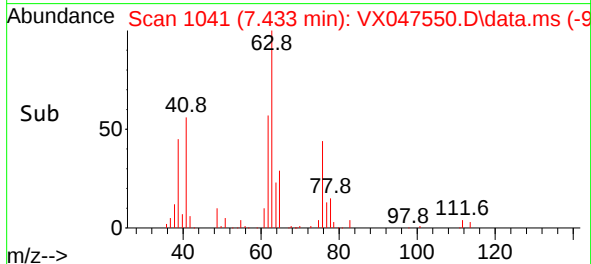
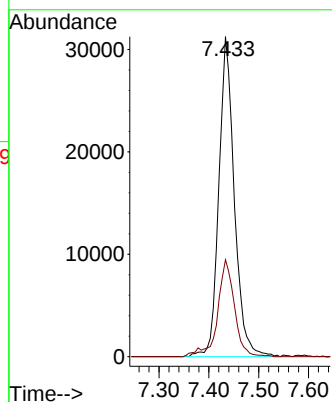
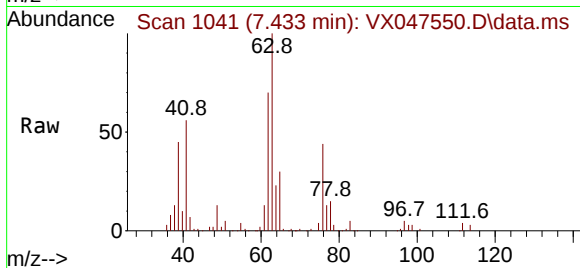
VSTDICC020

Tgt Ion: 63 Resp: 67499

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 21.647 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

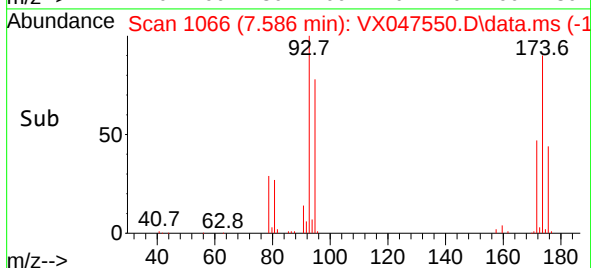
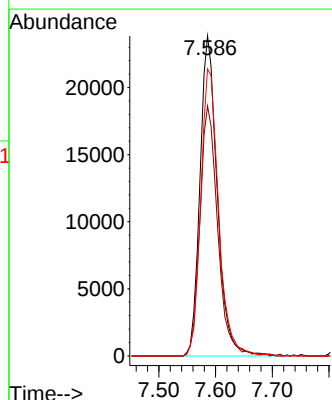
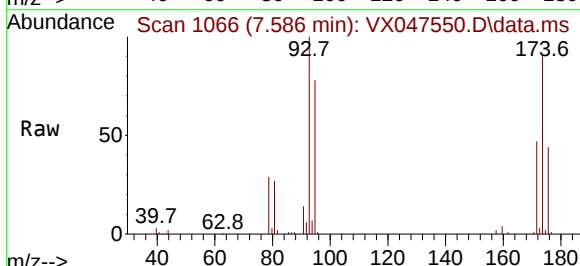
Tgt Ion: 93 Resp: 50430

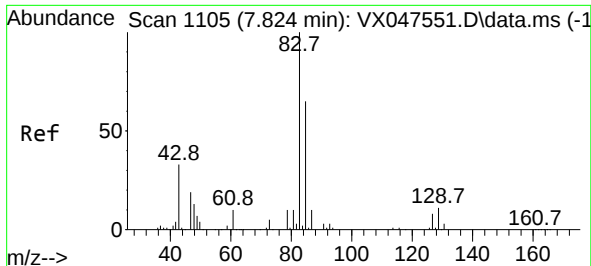
Ion Ratio Lower Upper

93 100

95 80.0 66.7 100.1

174 92.4 75.2 112.8

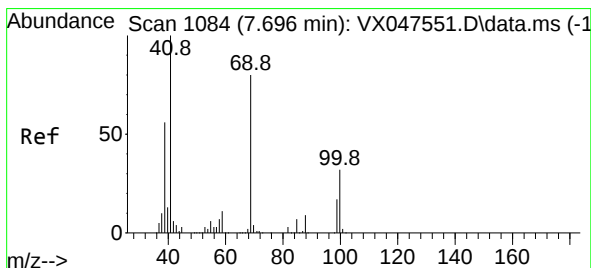
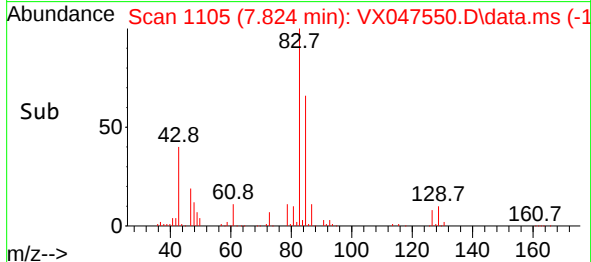
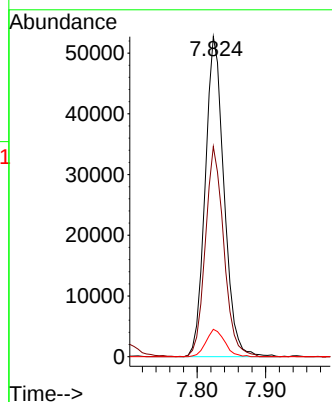
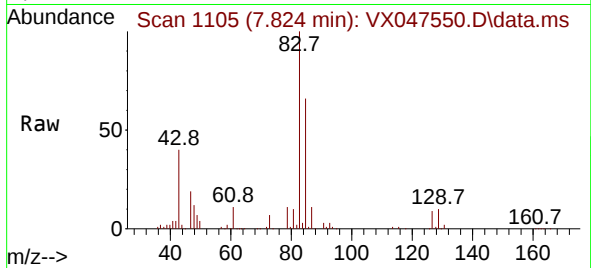




#47
Bromodichloromethane
Concen: 21.174 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

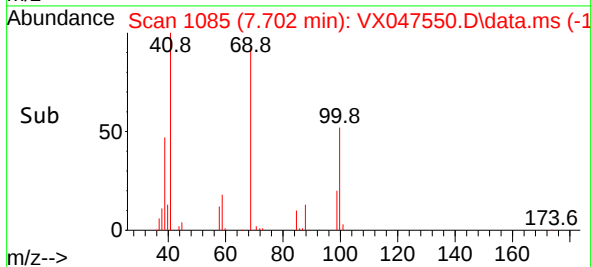
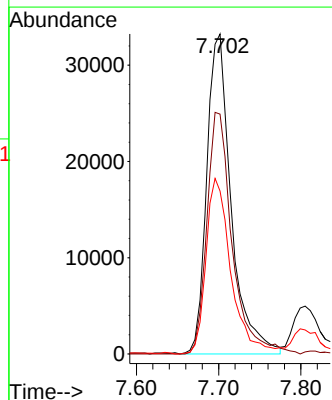
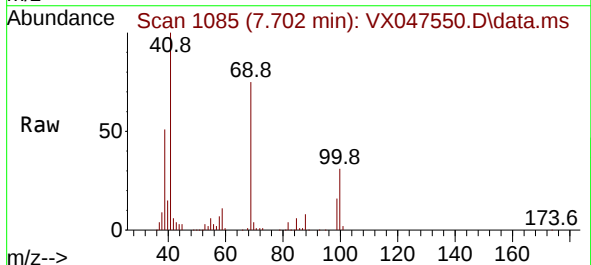
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

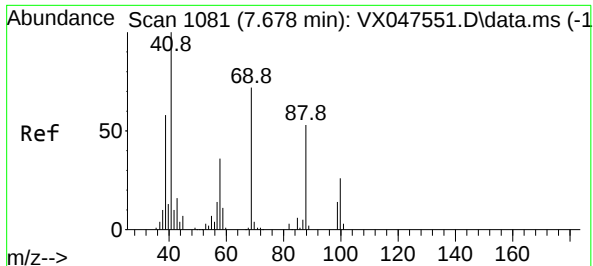
Tgt Ion: 83 Resp: 100883
Ion Ratio Lower Upper
83 100
85 65.7 52.0 78.0
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 21.417 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 41 Resp: 68667
Ion Ratio Lower Upper
41 100
69 78.1 63.4 95.2
39 55.9 44.7 67.1





#49

1,4-Dioxane

Concen: 431.928 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

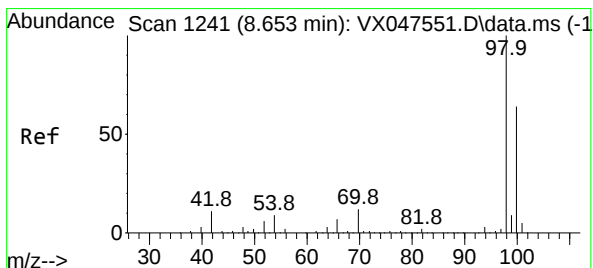
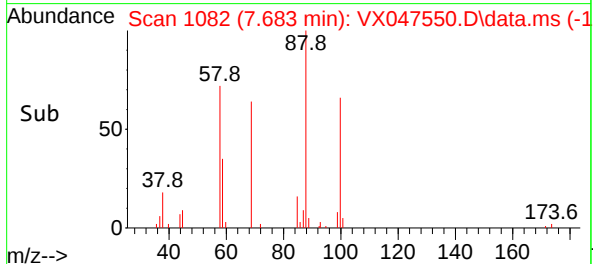
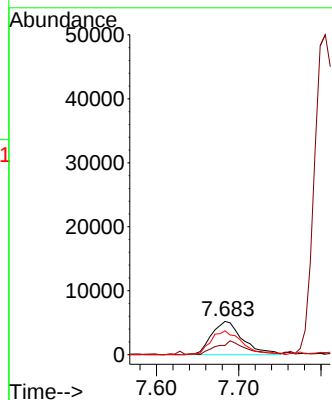
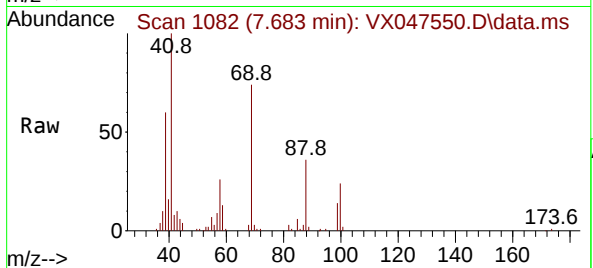
Tgt Ion: 88 Resp: 13699

Ion Ratio Lower Upper

88 100

43 35.8 31.9 47.9

58 72.0 57.5 86.3



#50

Toluene-d8

Concen: 16.618 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX047550.D

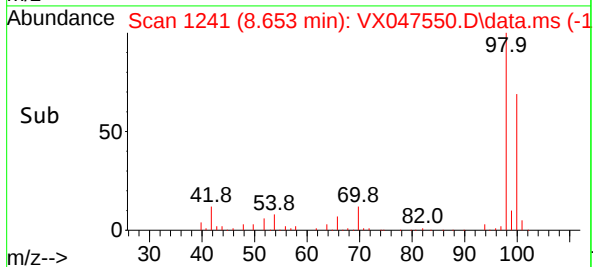
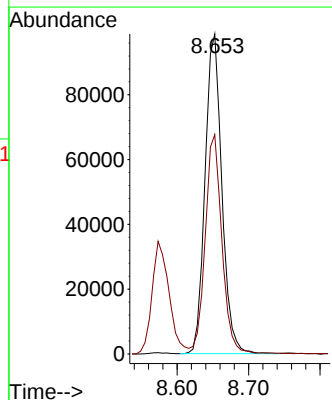
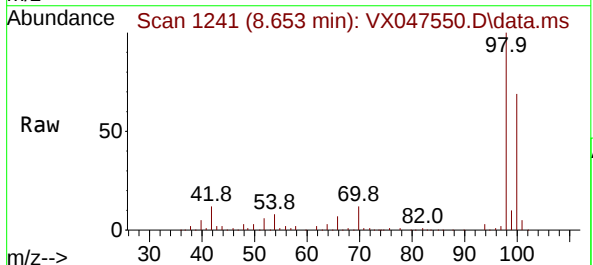
Acq: 28 Aug 2025 15:32

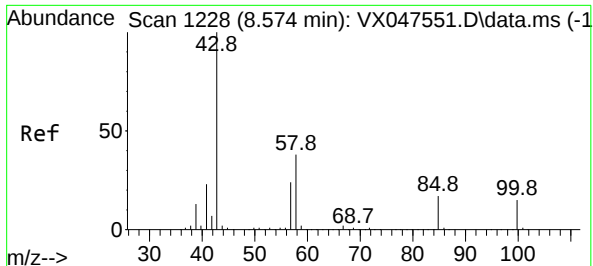
Tgt Ion: 98 Resp: 161072

Ion Ratio Lower Upper

98 100

100 68.1 53.5 80.3

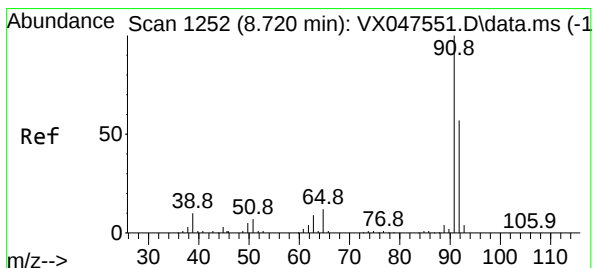
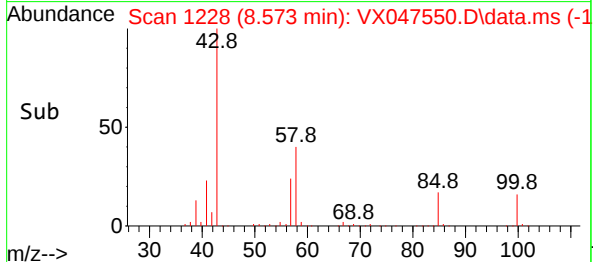
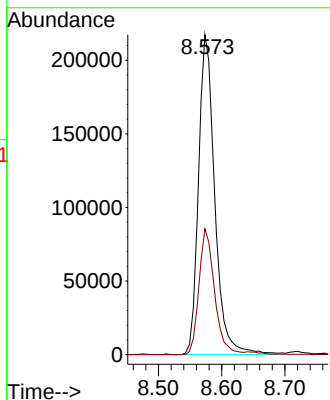
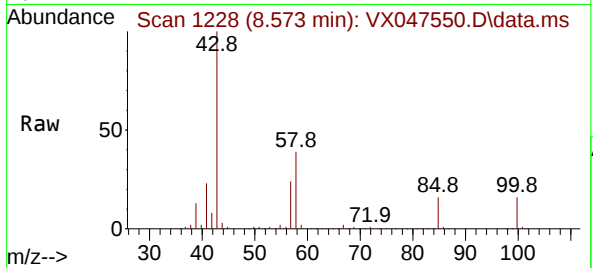




#51
4-Methyl-2-Pentanone
Concen: 105.647 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

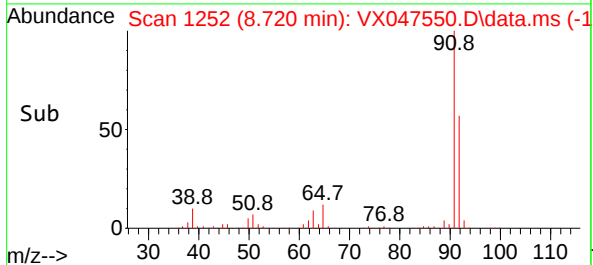
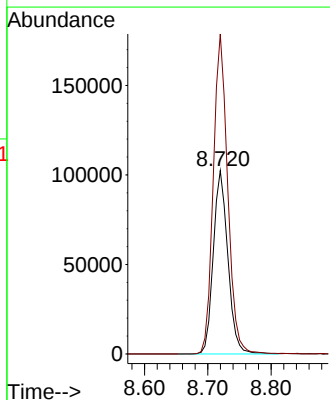
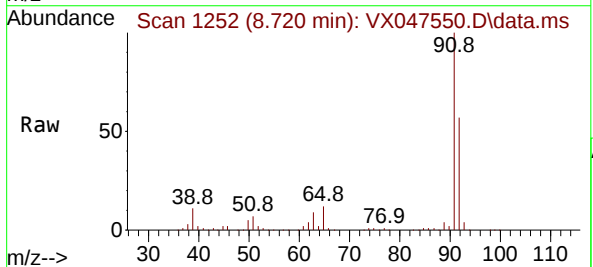
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

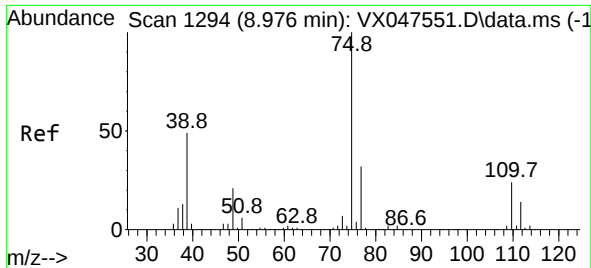
Tgt Ion: 43 Resp: 389051
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6



#52
Toluene
Concen: 21.434 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 92 Resp: 164113
Ion Ratio Lower Upper
92 100
91 173.0 137.8 206.8

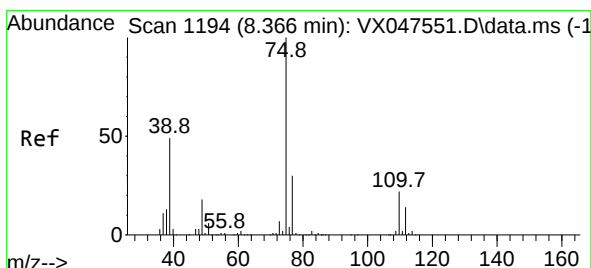
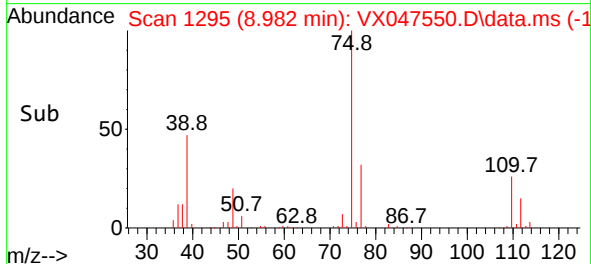
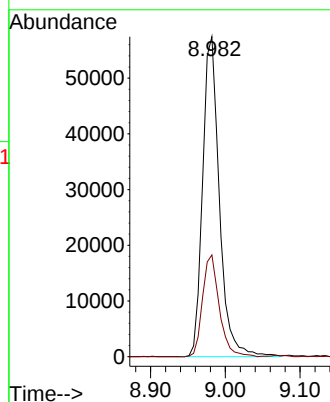
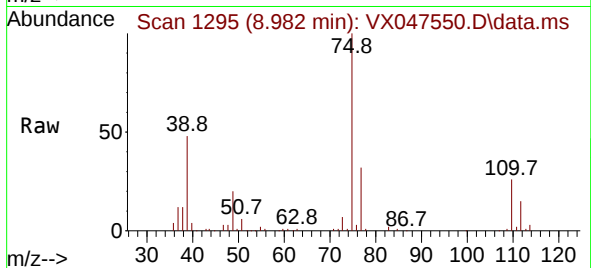




#53
 t-1,3-Dichloropropene
 Concen: 20.835 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.006 min
 Lab File: VX047550.D
 Acq: 28 Aug 2025 15:32

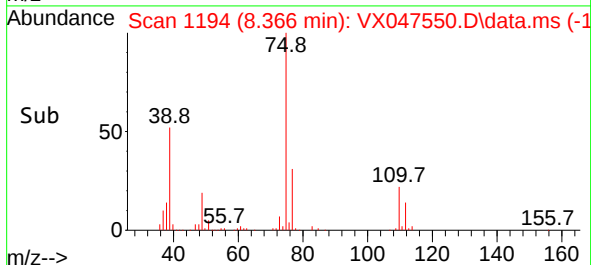
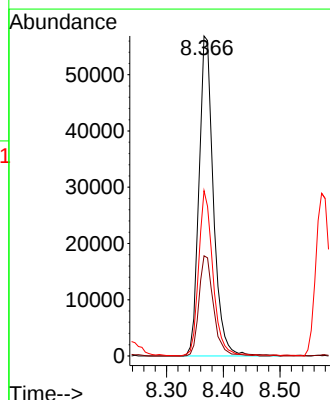
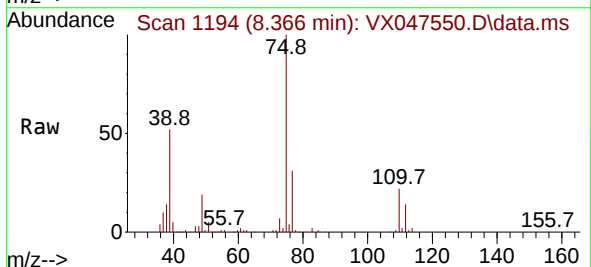
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

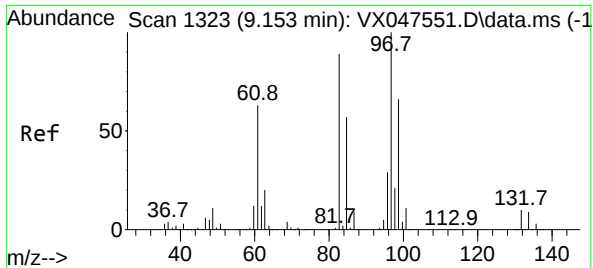
Tgt Ion: 75 Resp: 89431
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 21.087 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX047550.D
 Acq: 28 Aug 2025 15:32

Tgt Ion: 75 Resp: 100288
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.3 36.5
 39 51.5 39.0 58.4



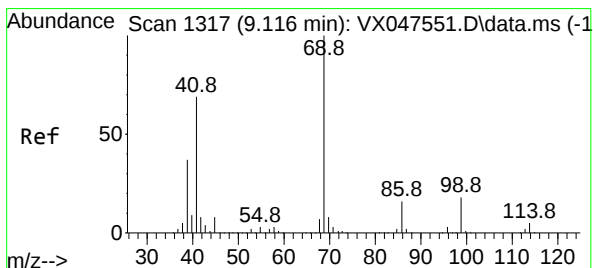
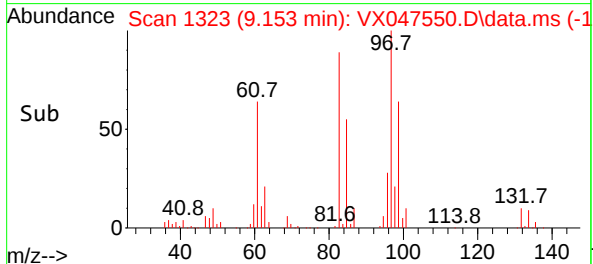
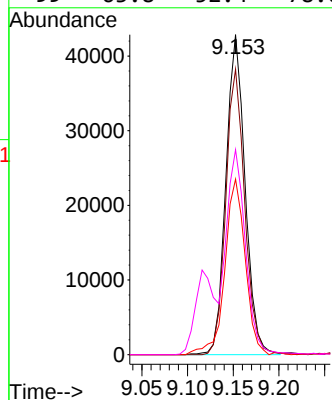
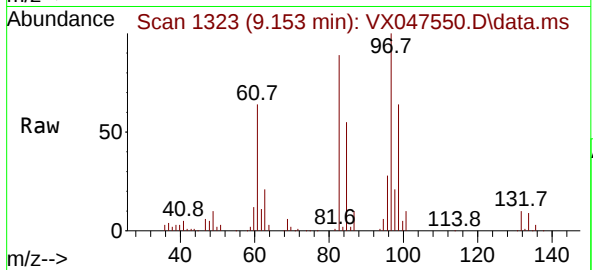


#55
1,1,2-Trichloroethane
Concen: 20.995 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 62712

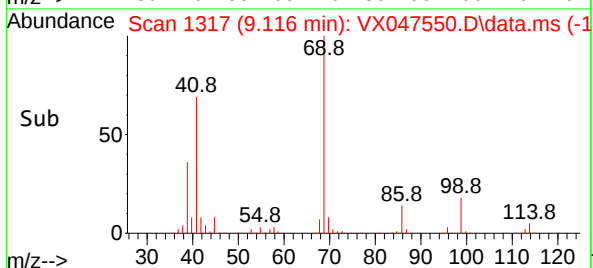
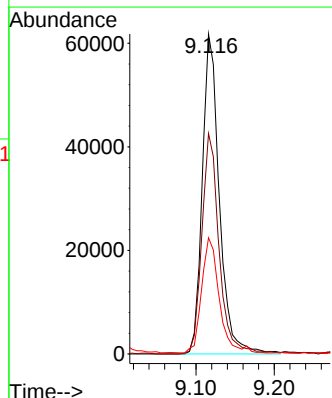
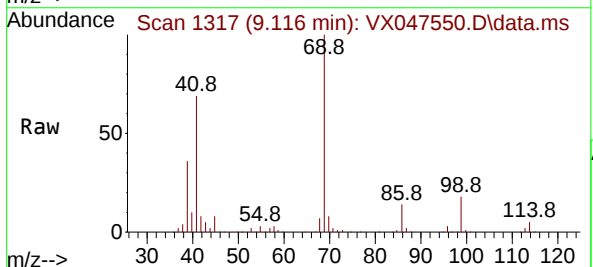
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.4	107.0
85	54.9	45.6	68.4
99	63.8	52.4	78.6

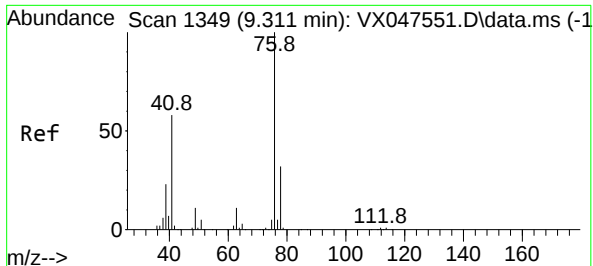


#56
Ethyl methacrylate
Concen: 21.143 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 69 Resp: 93486

Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.0	82.4
39	37.1	29.8	44.6





#57

1,3-Dichloropropane

Concen: 21.348 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

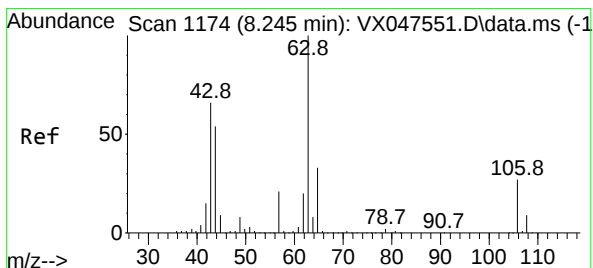
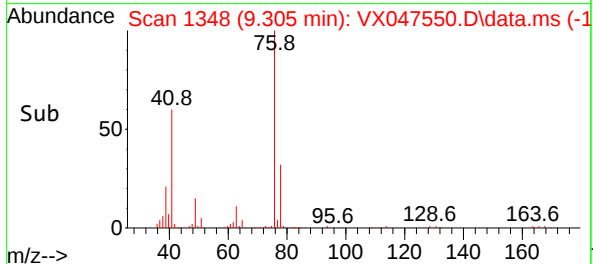
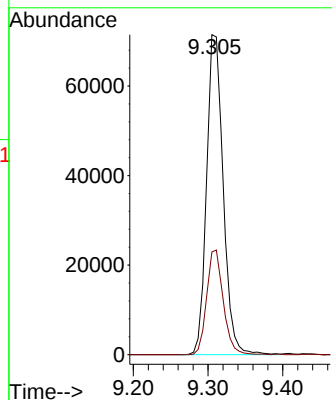
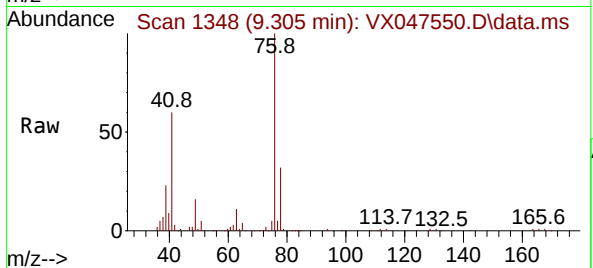
VSTDICC020

Tgt Ion: 76 Resp: 110402

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.223 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX047550.D

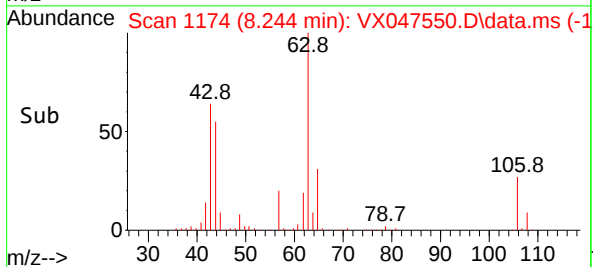
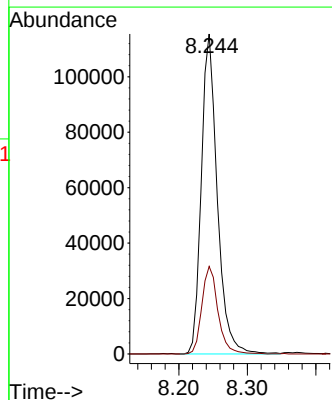
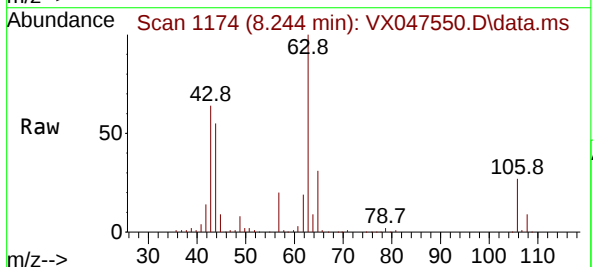
Acq: 28 Aug 2025 15:32

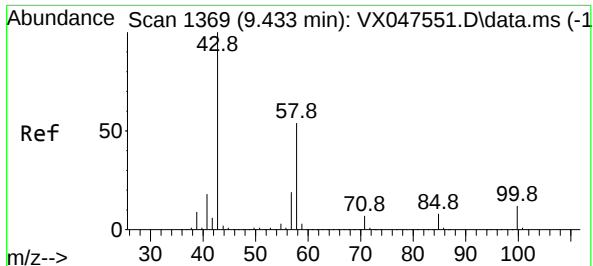
Tgt Ion: 63 Resp: 187321

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.4





#59

2-Hexanone

Concen: 108.047 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

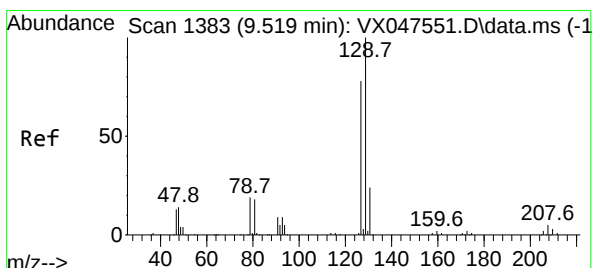
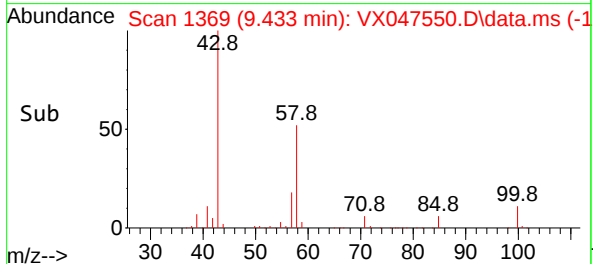
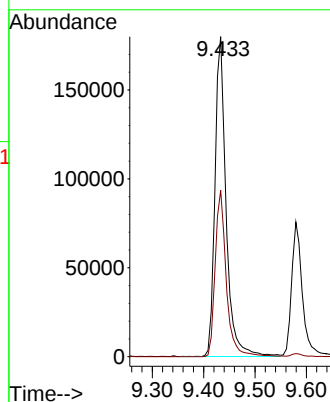
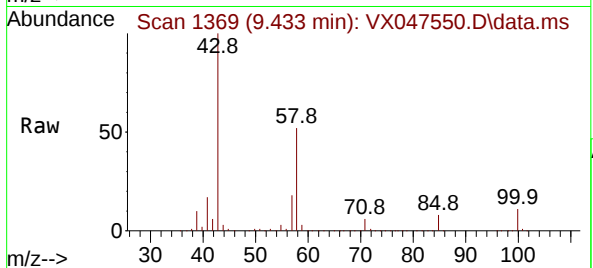
VSTDICC020

Tgt Ion: 43 Resp: 271814

Ion Ratio Lower Upper

43 100

58 52.0 26.7 80.0



#60

Dibromochloromethane

Concen: 20.862 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX047550.D

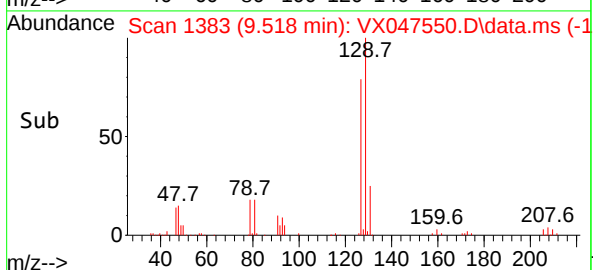
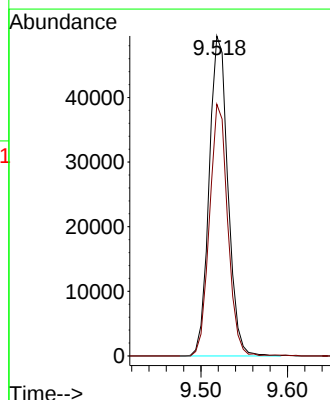
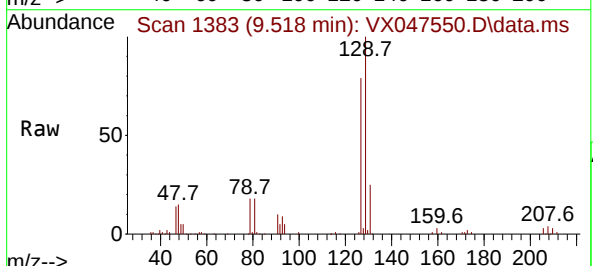
Acq: 28 Aug 2025 15:32

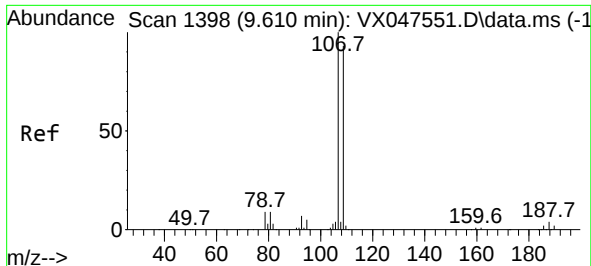
Tgt Ion:129 Resp: 74443

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.3

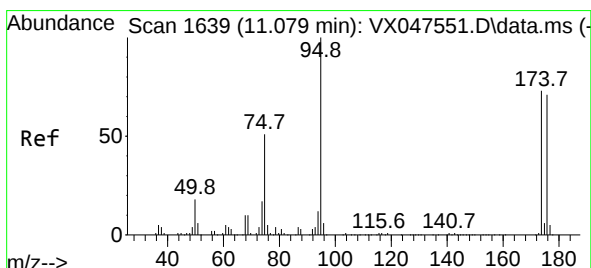
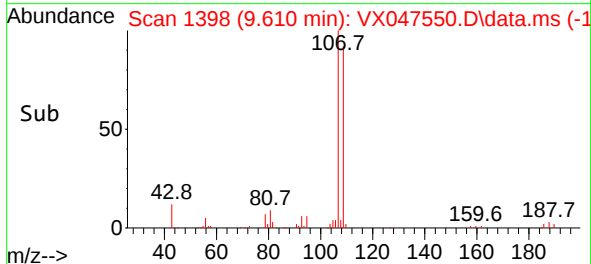
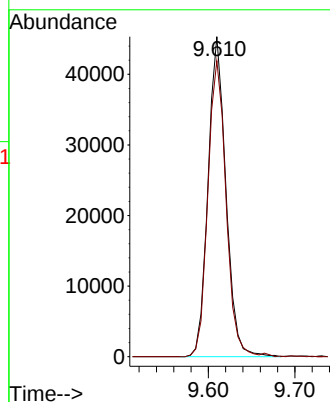
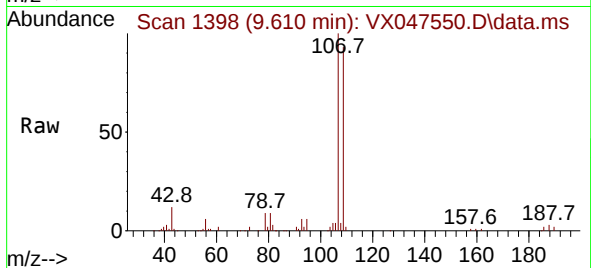




#61
1,2-Dibromoethane
Concen: 21.378 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

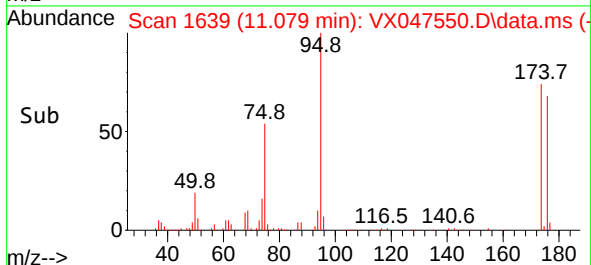
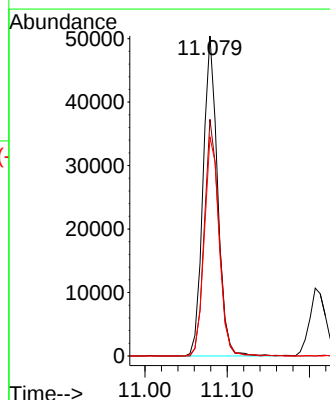
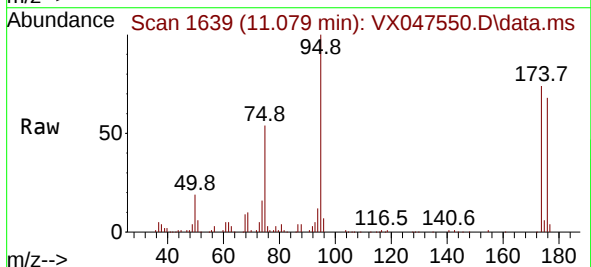
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

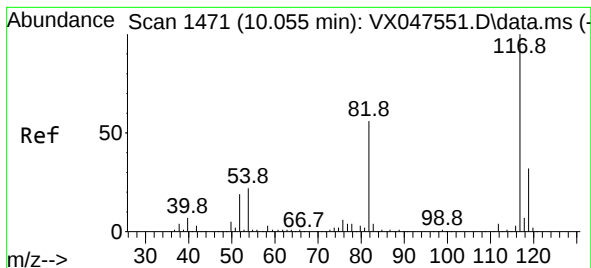
Tgt Ion:107 Resp: 64983
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 16.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 95 Resp: 61629
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 70.4 0.0 140.4

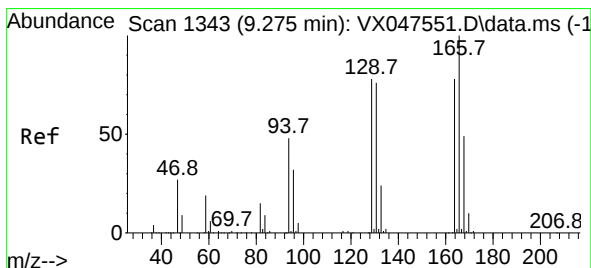
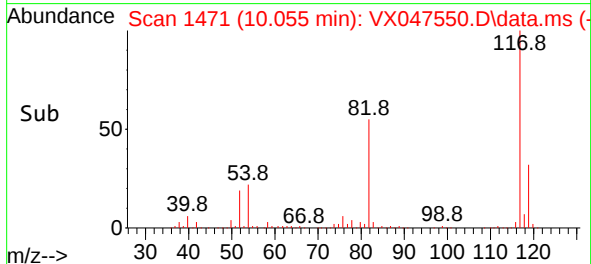
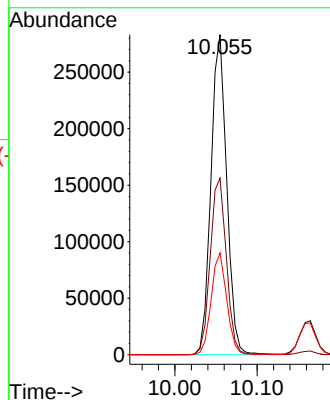
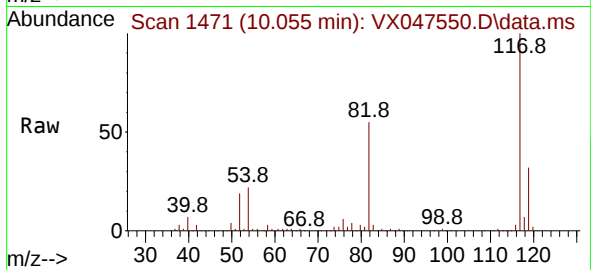




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

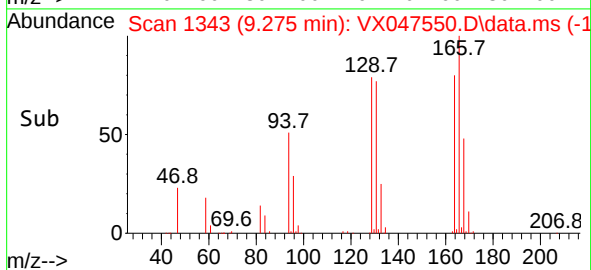
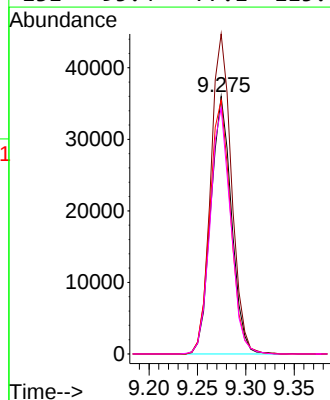
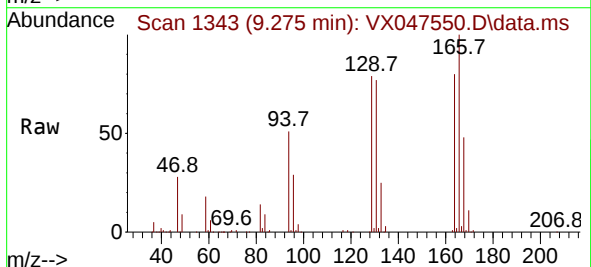
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

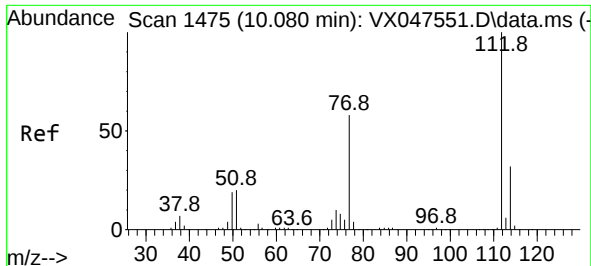
Tgt Ion:117 Resp: 376656
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 21.184 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:164 Resp: 53456
Ion Ratio Lower Upper
164 100
166 124.3 102.1 153.1
129 98.6 79.3 118.9
131 95.4 77.1 115.7

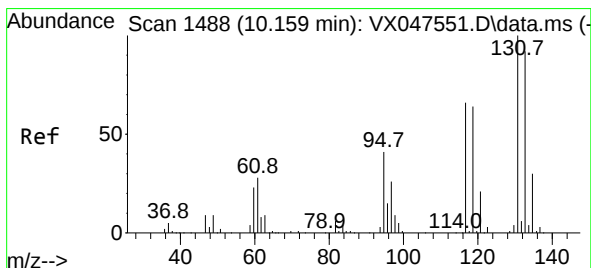
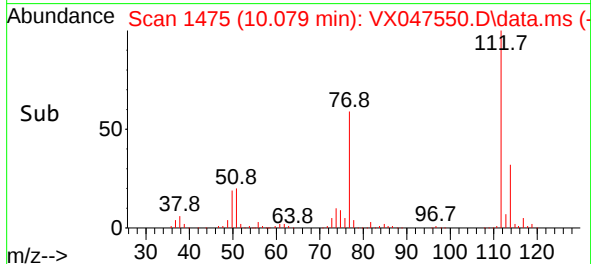
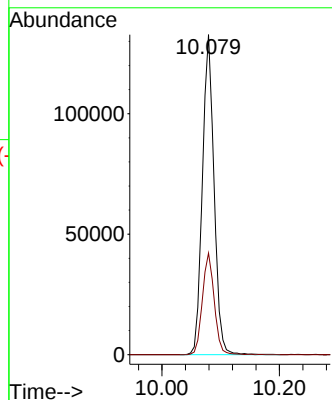
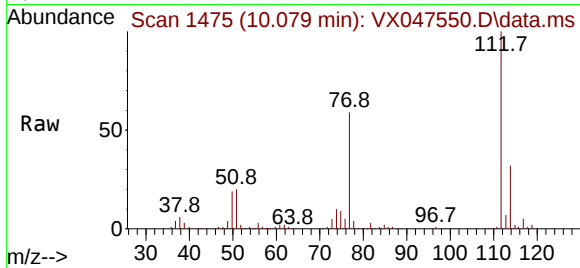




#65
Chlorobenzene
Concen: 20.760 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

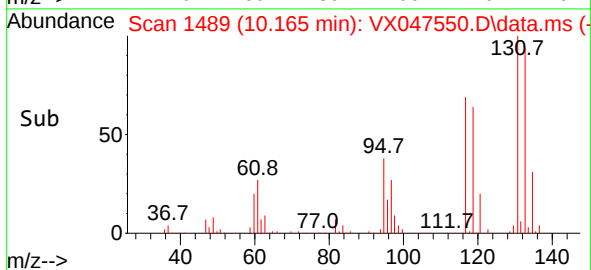
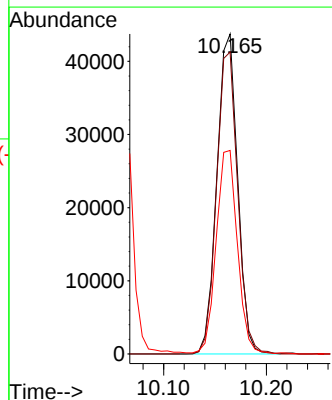
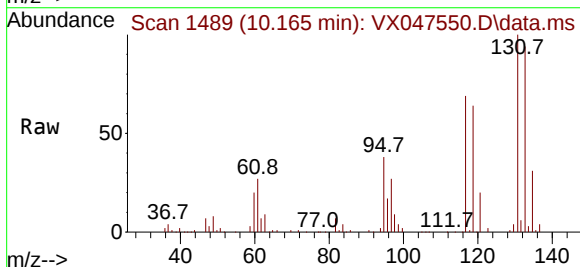
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

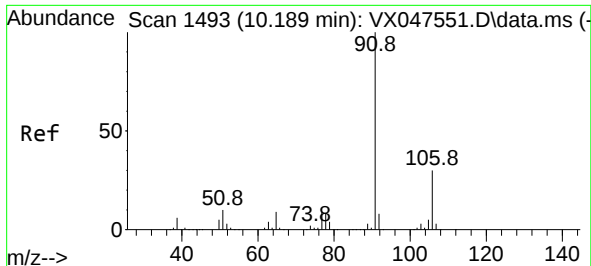
Tgt Ion:112 Resp: 183047
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.493 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:131 Resp: 61273
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 64.7 32.6 97.7





#67

Ethyl Benzene

Concen: 21.021 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

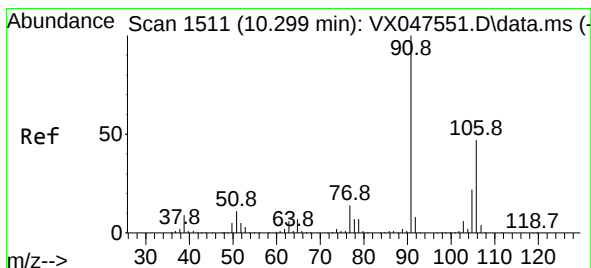
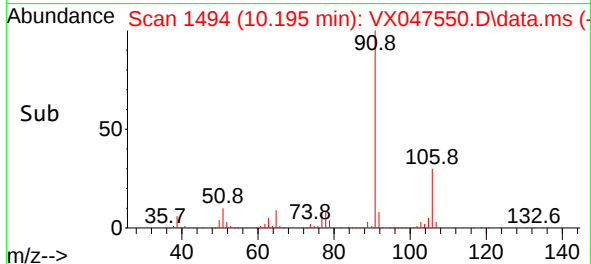
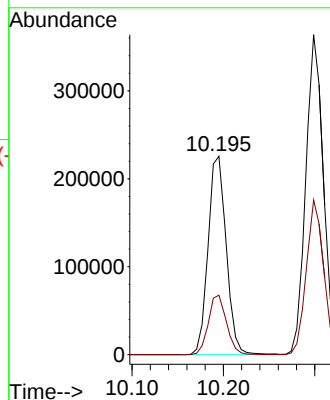
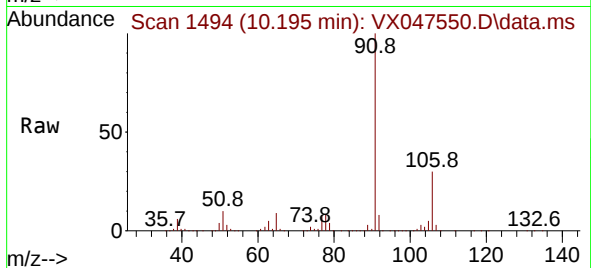
VSTDICC020

Tgt Ion: 91 Resp: 311462

Ion Ratio Lower Upper

91 100

106 30.0 23.9 35.9



#68

m/p-Xylenes

Concen: 42.702 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047550.D

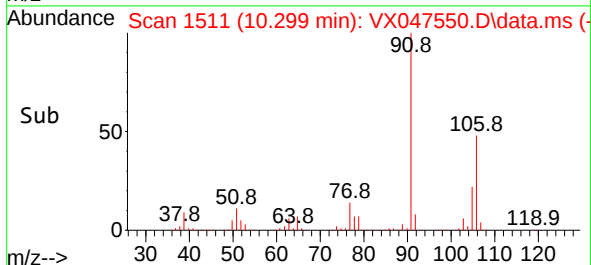
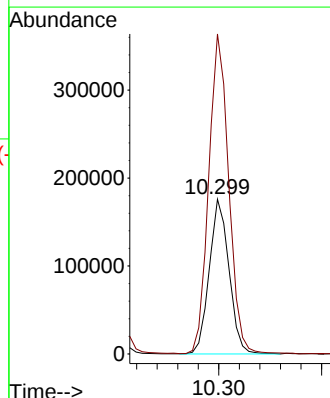
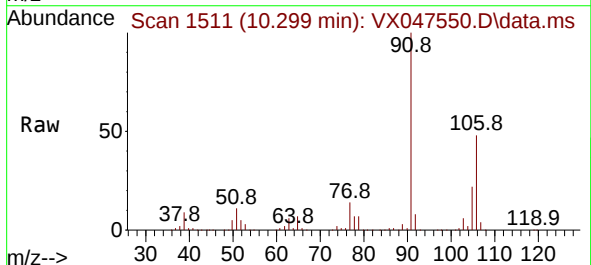
Acq: 28 Aug 2025 15:32

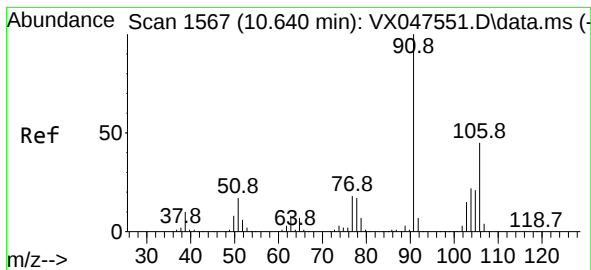
Tgt Ion:106 Resp: 234996

Ion Ratio Lower Upper

106 100

91 210.3 166.1 249.1

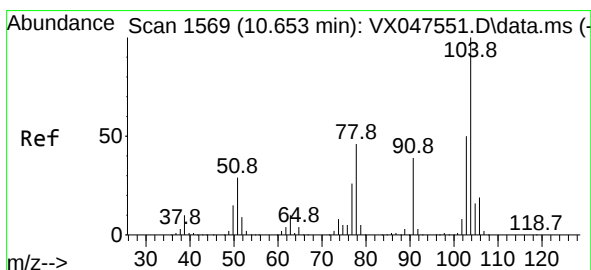
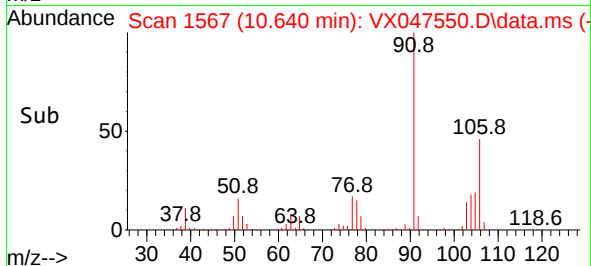
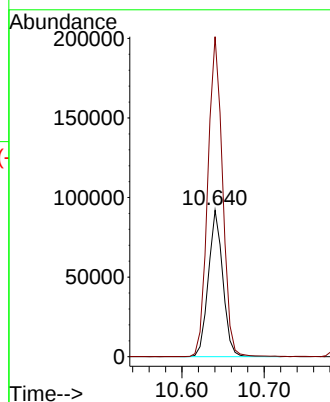
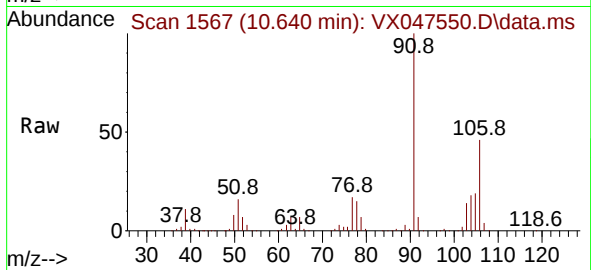




#69
o-Xylene
Concen: 21.220 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

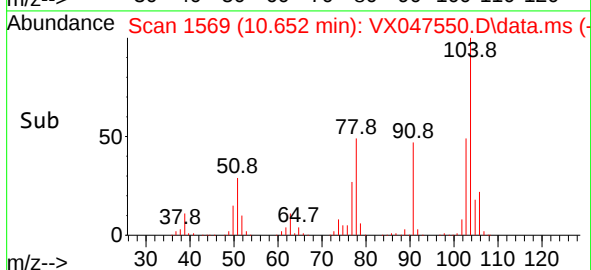
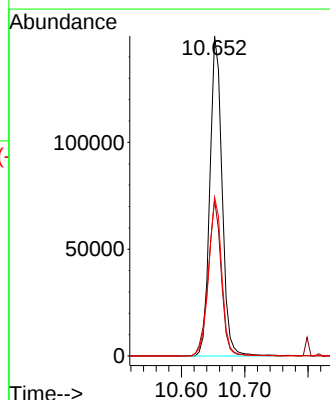
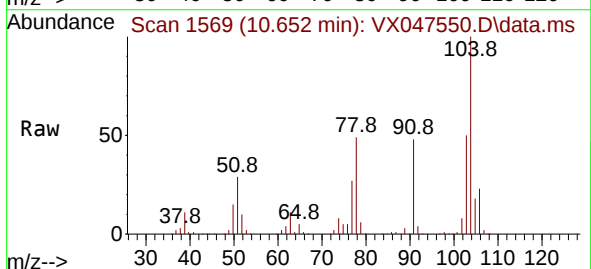
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

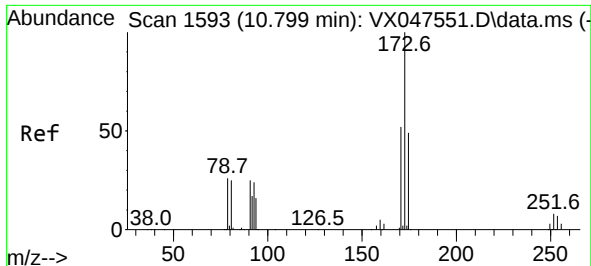
Tgt Ion:106 Resp: 112496
Ion Ratio Lower Upper
106 100
91 223.0 109.9 329.7



#70
Styrene
Concen: 21.895 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:104 Resp: 201405
Ion Ratio Lower Upper
104 100
78 52.1 41.6 62.4
103 53.7 43.0 64.4

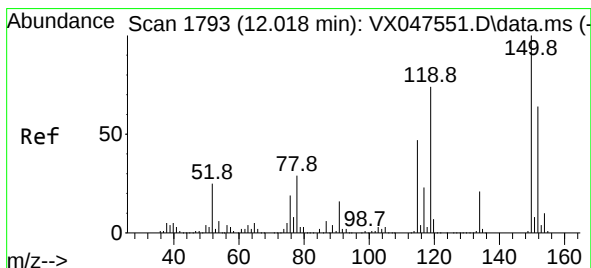
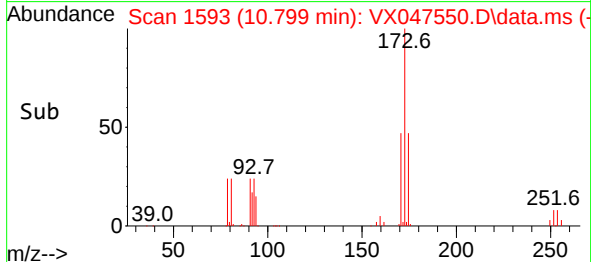
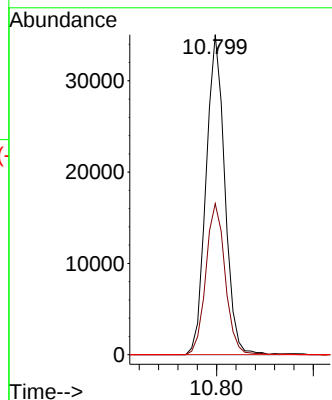
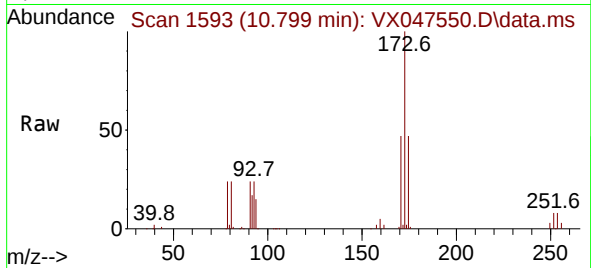




#71
Bromoform
Concen: 20.711 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

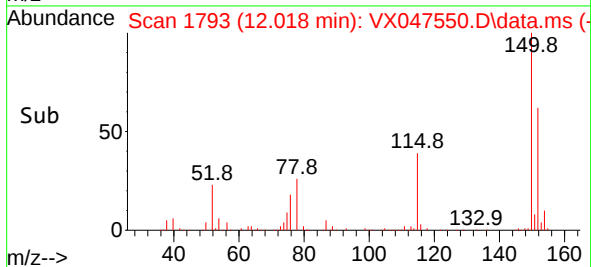
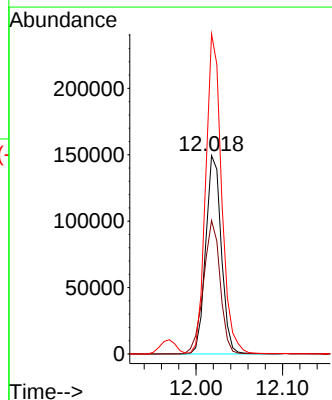
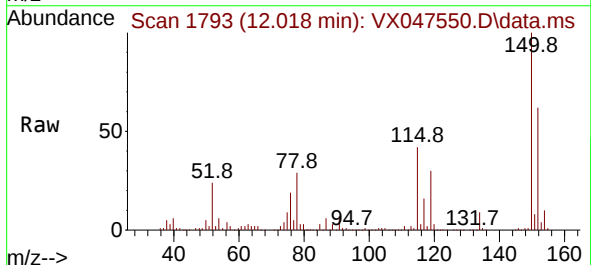
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

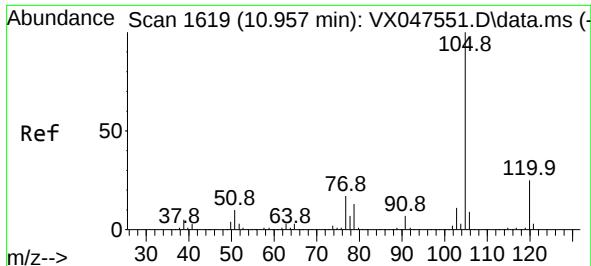
Tgt Ion:173 Resp: 47153
Ion Ratio Lower Upper
173 100
175 48.8 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:152 Resp: 186602
Ion Ratio Lower Upper
152 100
115 71.9 42.9 128.5
150 163.7 0.0 351.0

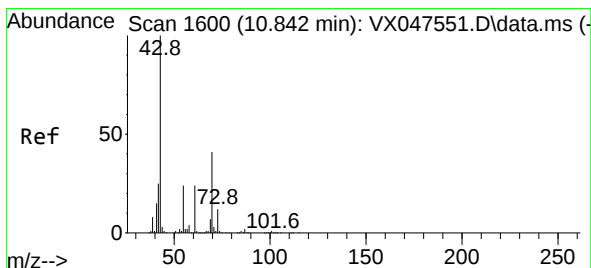
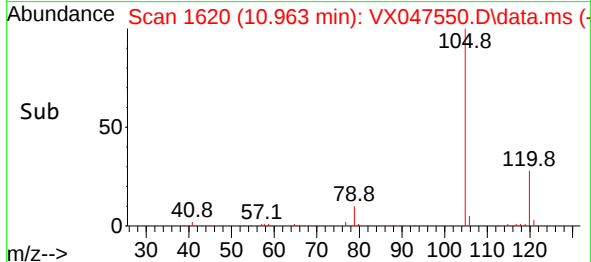
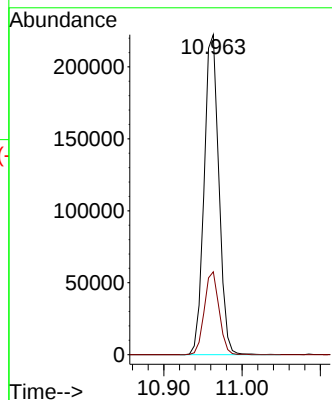
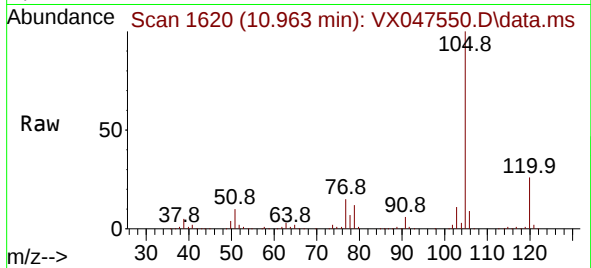




#73
Isopropylbenzene
Concen: 21.104 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

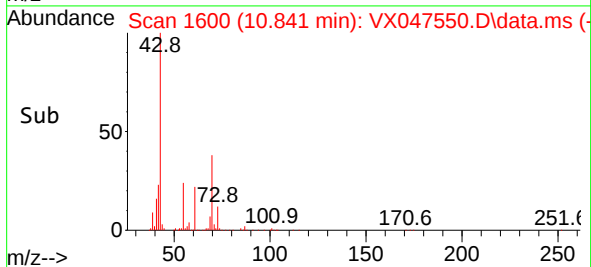
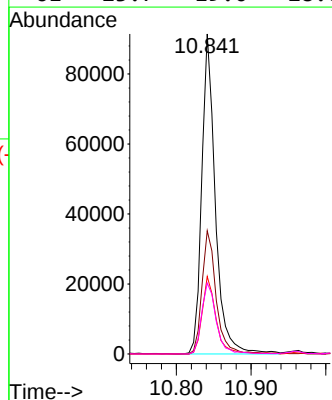
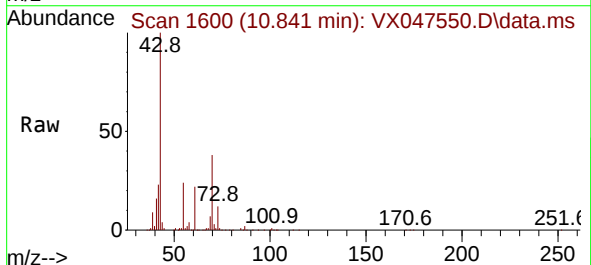
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

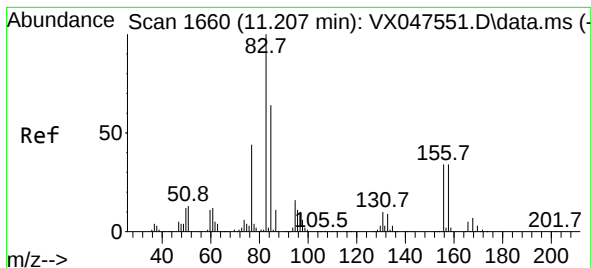
Tgt Ion:105 Resp: 289773
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#74
N-amy1 acetate
Concen: 20.402 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 43 Resp: 115687
Ion Ratio Lower Upper
43 100
70 40.3 32.9 49.3
55 24.5 19.2 28.8
61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.783 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

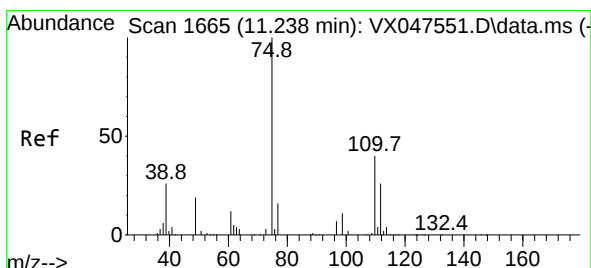
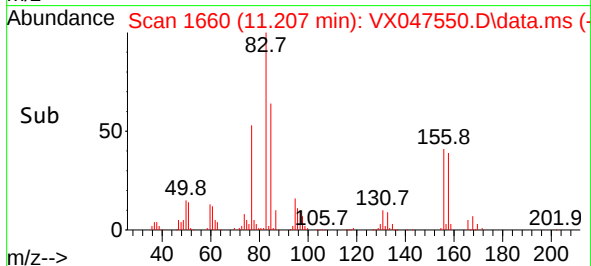
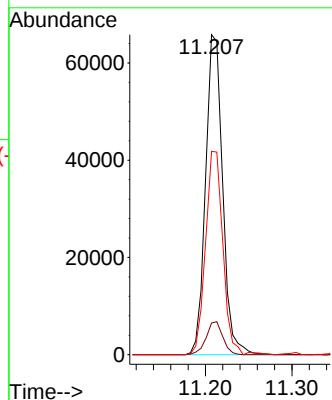
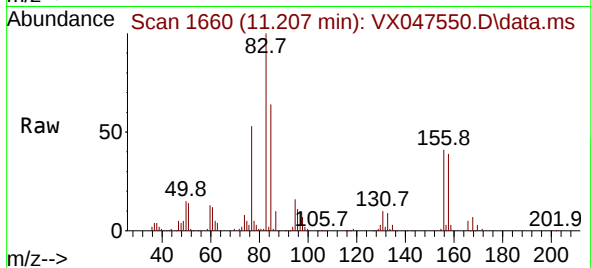
Tgt Ion: 83 Resp: 90207

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.3 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 23.893 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX047550.D

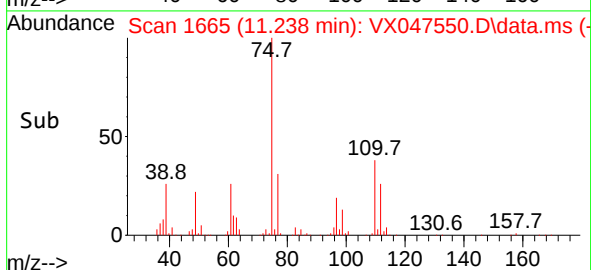
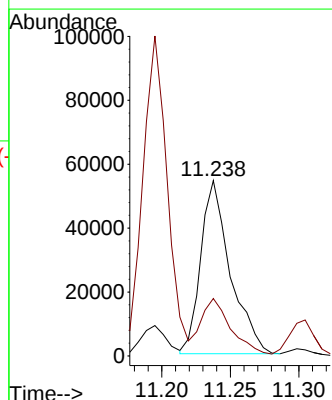
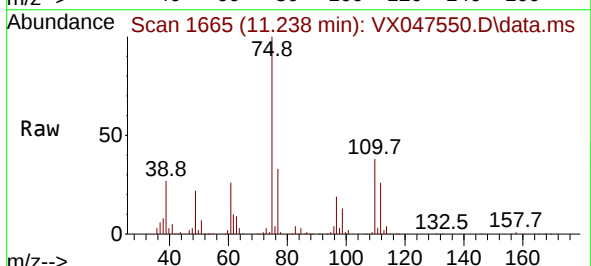
Acq: 28 Aug 2025 15:32

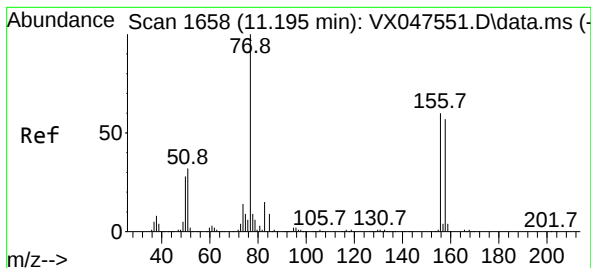
Tgt Ion: 75 Resp: 81488

Ion Ratio Lower Upper

75 100

77 34.4 19.7 59.1





#77

Bromobenzene

Concen: 21.035 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

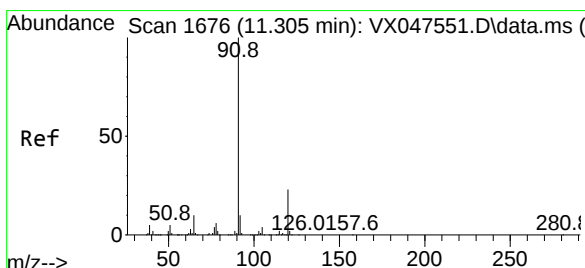
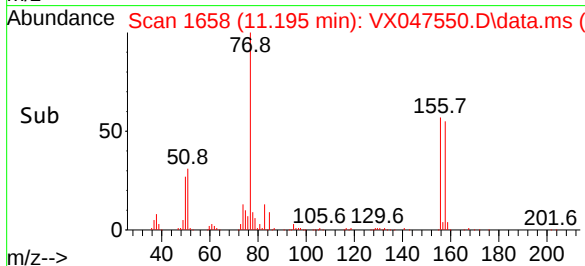
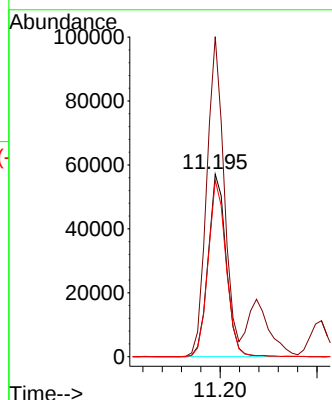
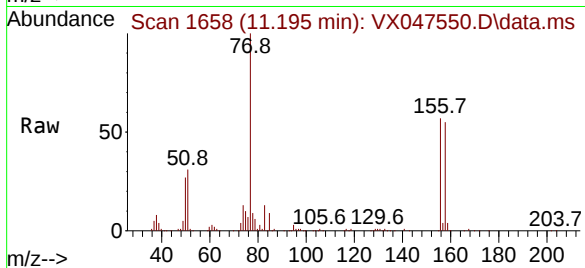
Tgt Ion:156 Resp: 73887

Ion Ratio Lower Upper

156 100

77 169.3 84.4 253.1

158 96.4 47.4 142.3



#78

n-propylbenzene

Concen: 21.130 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX047550.D

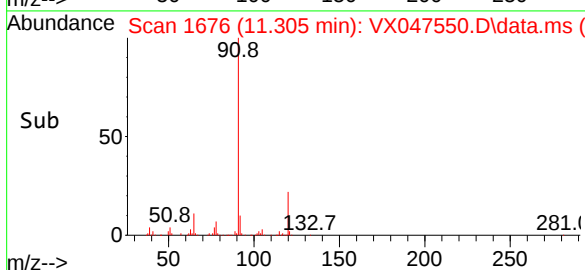
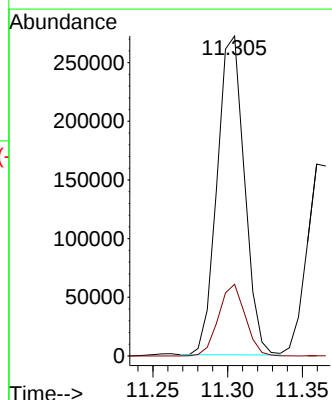
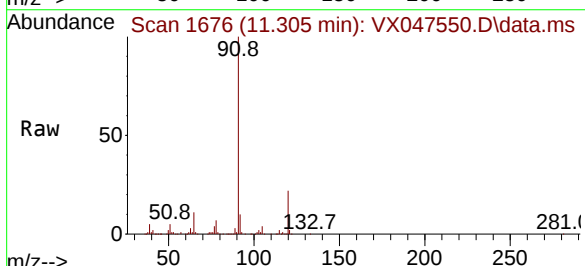
Acq: 28 Aug 2025 15:32

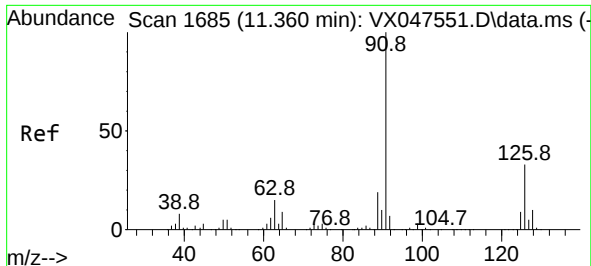
Tgt Ion: 91 Resp: 345428

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.6

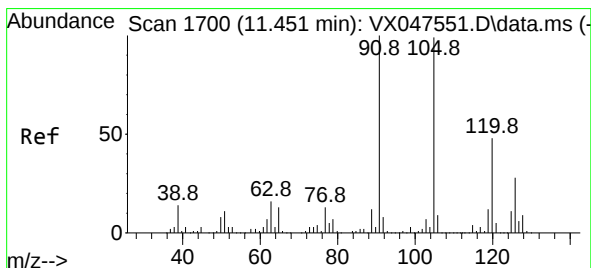
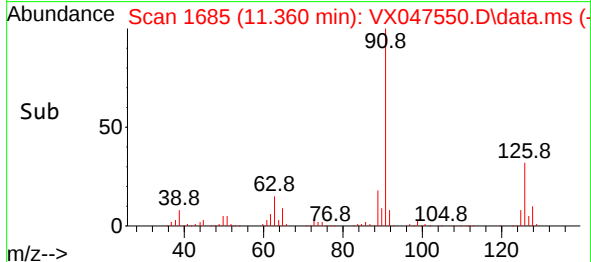
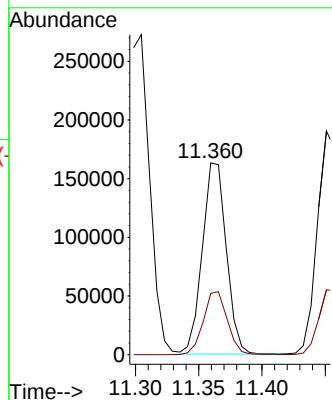
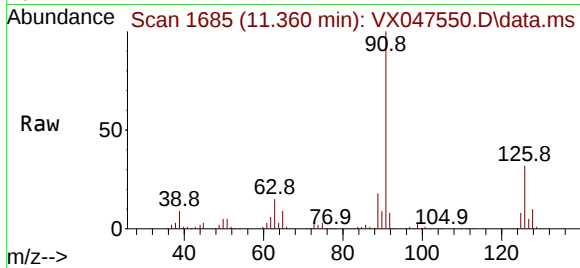




#79
2-Chlorotoluene
Concen: 21.213 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

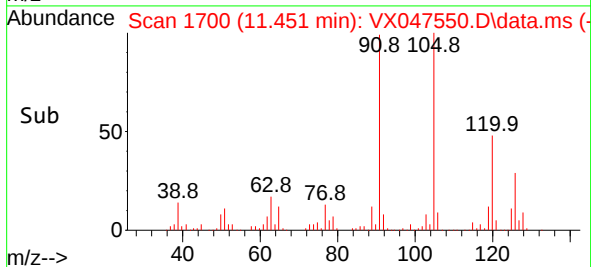
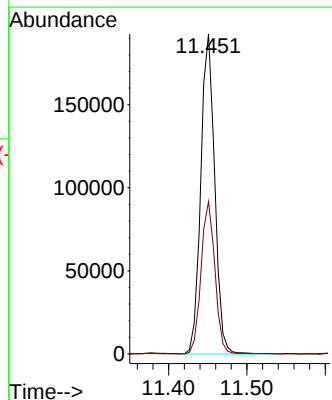
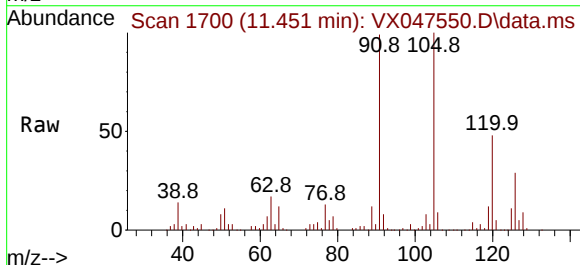
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

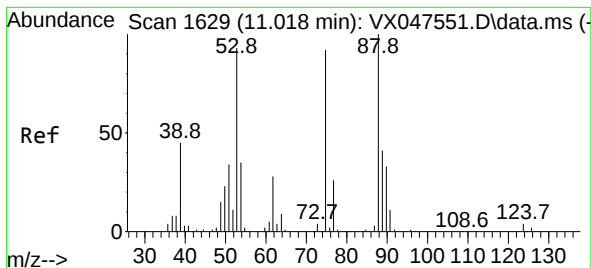
Tgt Ion: 91 Resp: 215061
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 21.194 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 105 Resp: 237947
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5

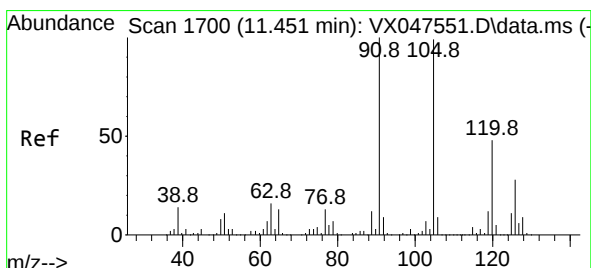
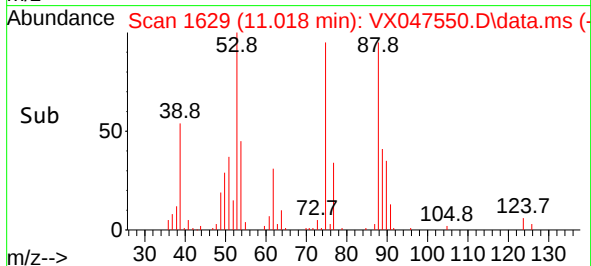
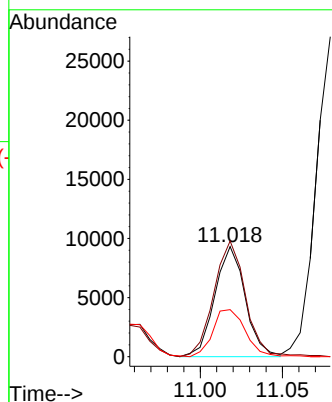
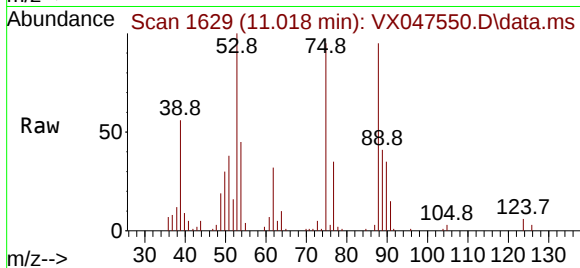




#81
trans-1,4-Dichloro-2-butene
Concen: 19.572 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

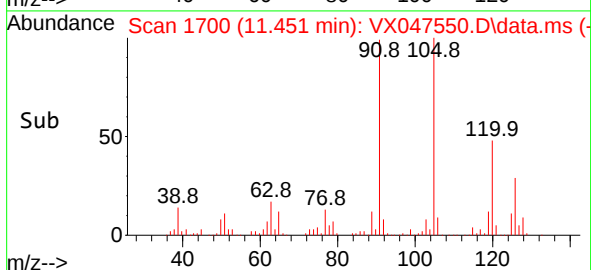
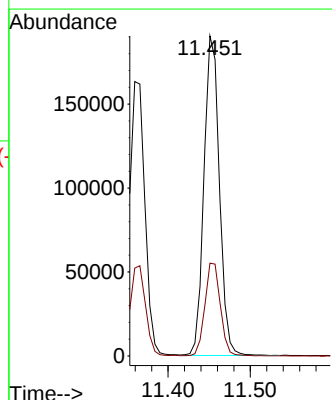
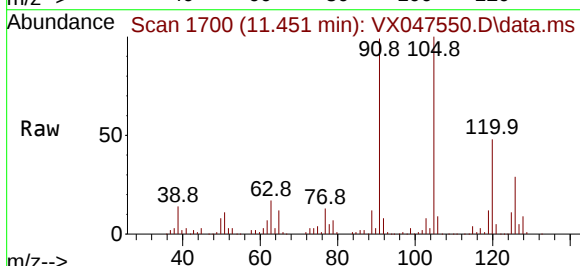
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

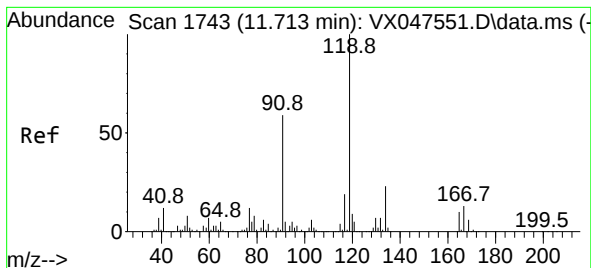
Tgt Ion: 75 Resp: 11997
Ion Ratio Lower Upper
75 100
53 109.7 85.7 128.5
89 45.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 20.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 91 Resp: 248243
Ion Ratio Lower Upper
91 100
126 29.2 14.6 43.8





#83

tert-Butylbenzene

Concen: 20.529 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

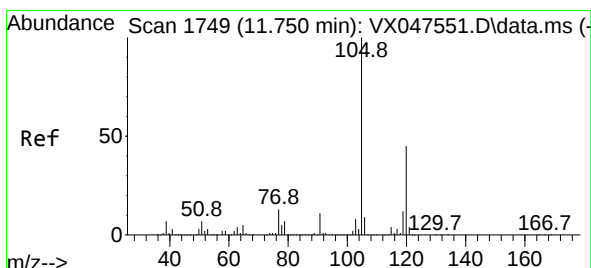
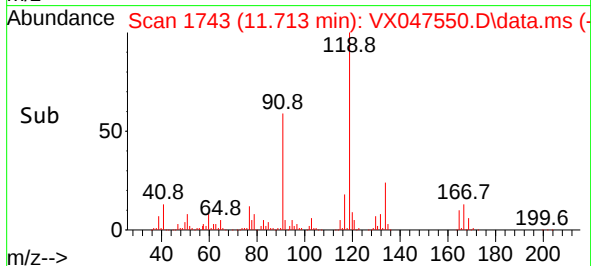
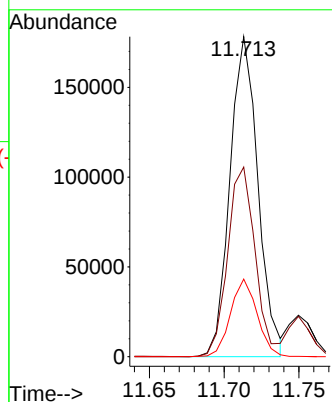
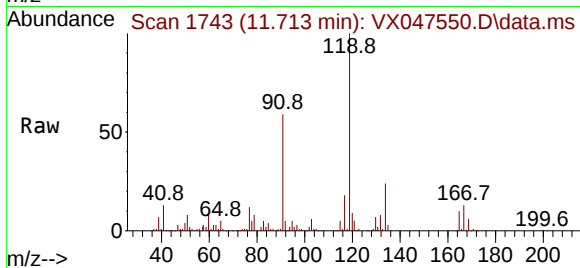
Tgt Ion:119 Resp: 232341

Ion Ratio Lower Upper

119 100

91 58.5 28.5 85.5

134 23.1 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 21.298 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047550.D

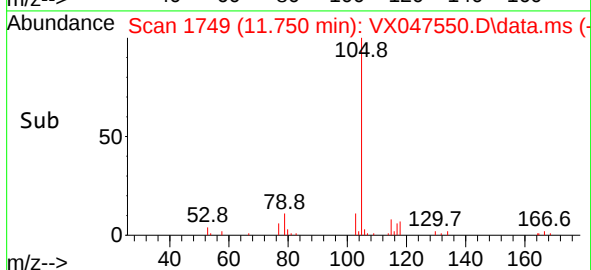
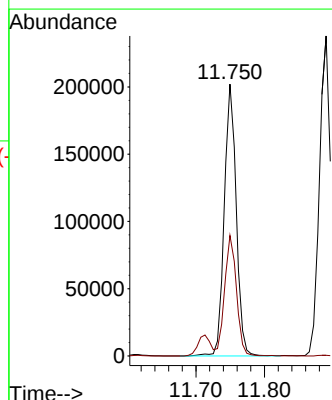
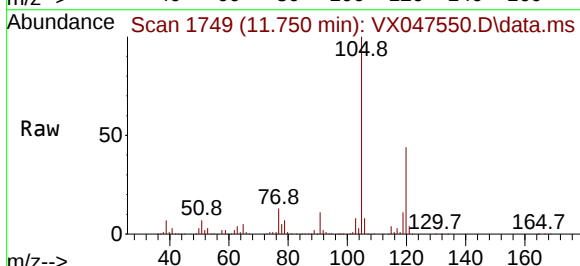
Acq: 28 Aug 2025 15:32

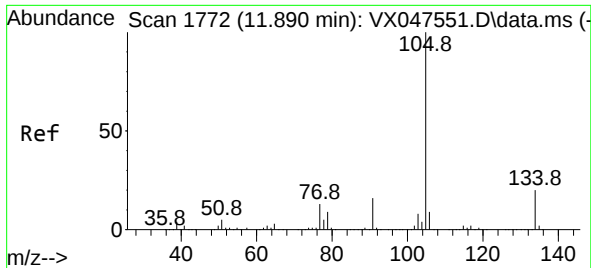
Tgt Ion:105 Resp: 243731

Ion Ratio Lower Upper

105 100

120 43.7 22.3 66.8

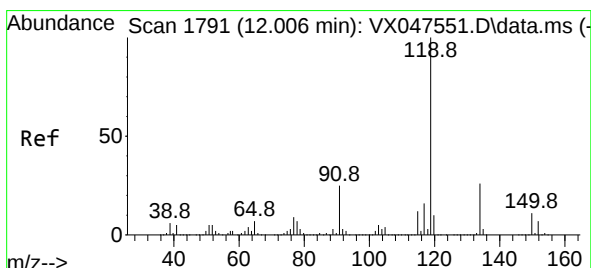
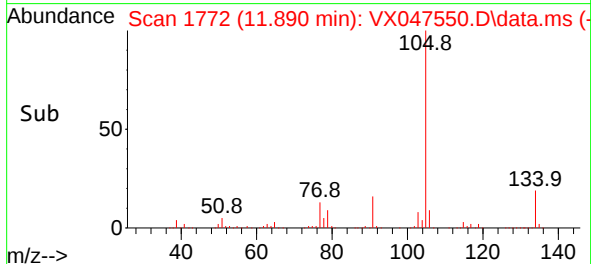
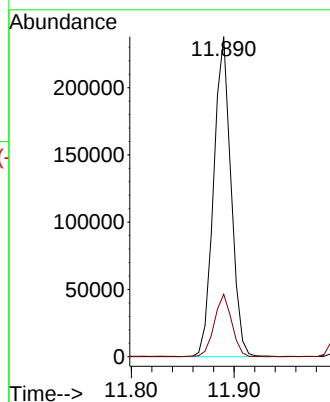
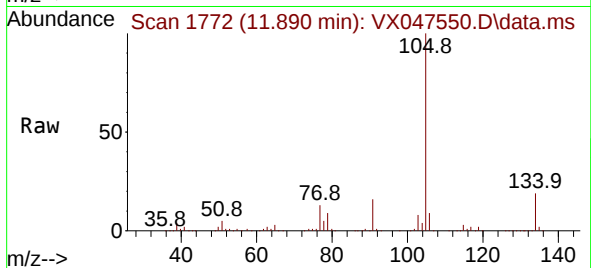




#85
 sec-Butylbenzene
 Concen: 20.506 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047550.D
 Acq: 28 Aug 2025 15:32

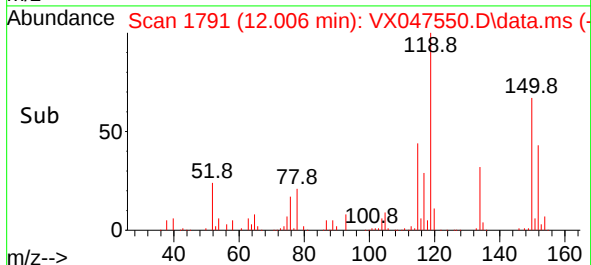
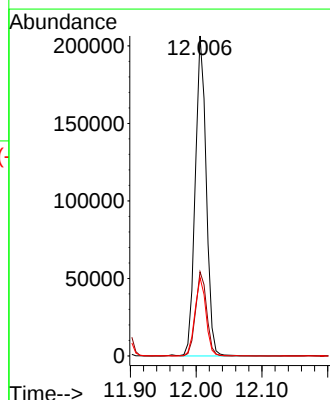
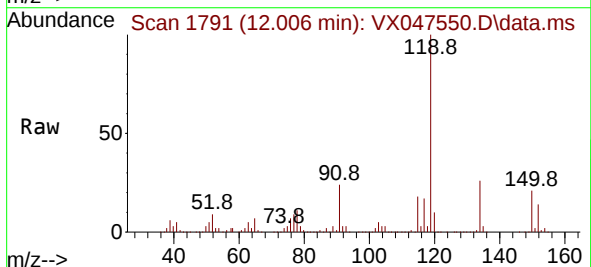
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

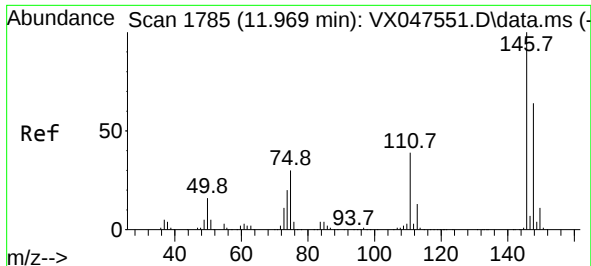
Tgt Ion:105 Resp: 279241
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.892 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047550.D
 Acq: 28 Aug 2025 15:32

Tgt Ion:119 Resp: 238490
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.182 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

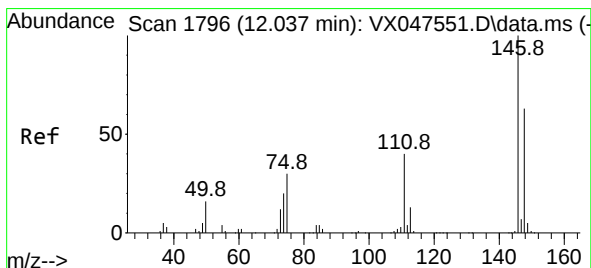
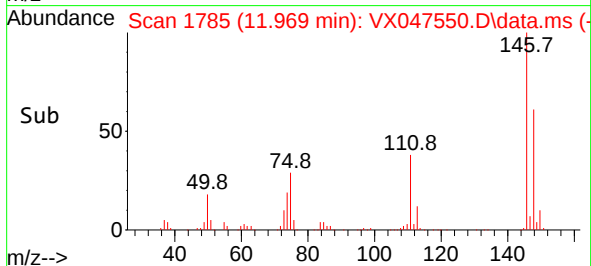
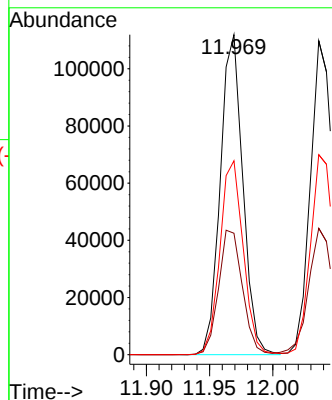
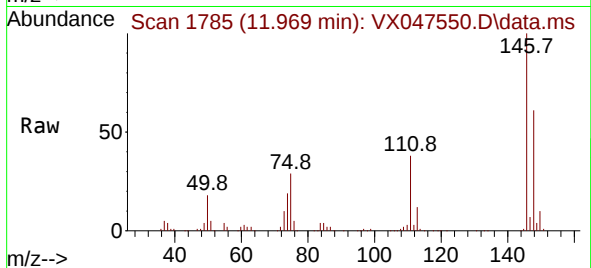
Tgt Ion:146 Resp: 138719

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 62.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.666 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

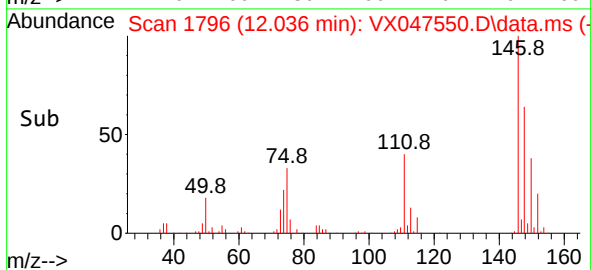
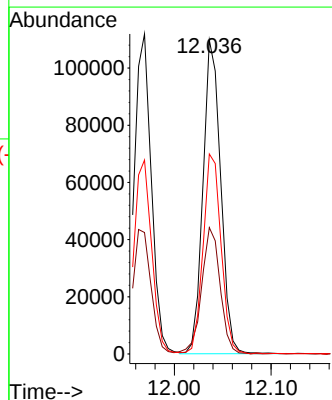
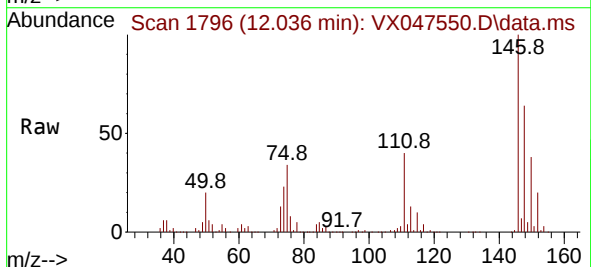
Tgt Ion:146 Resp: 139734

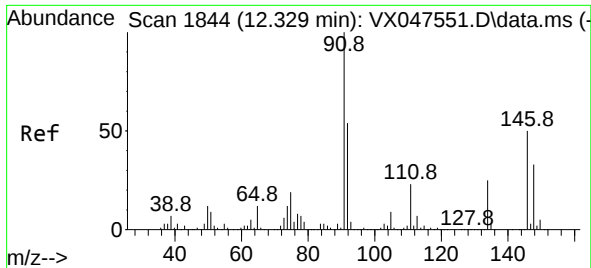
Ion Ratio Lower Upper

146 100

111 42.1 20.1 60.2

148 64.9 31.8 95.4

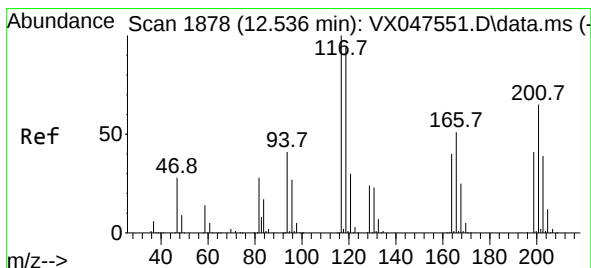
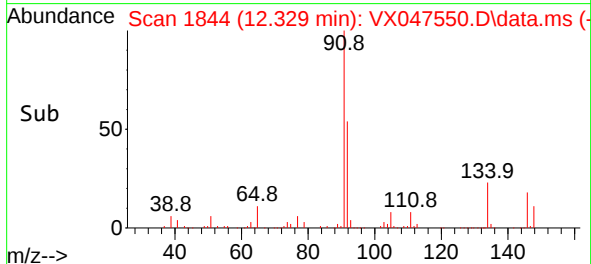
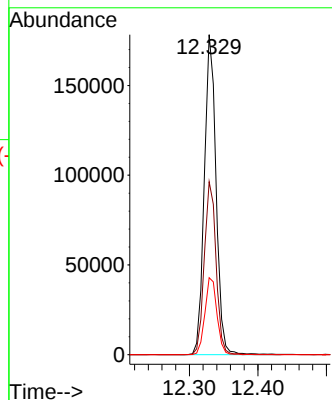
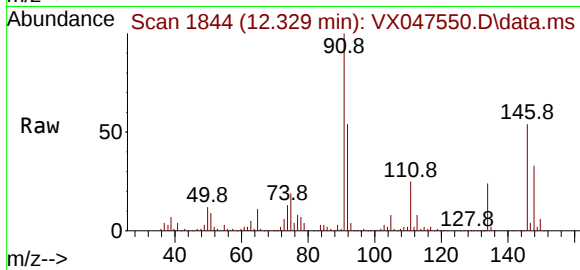




#89
n-Butylbenzene
Concen: 20.226 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

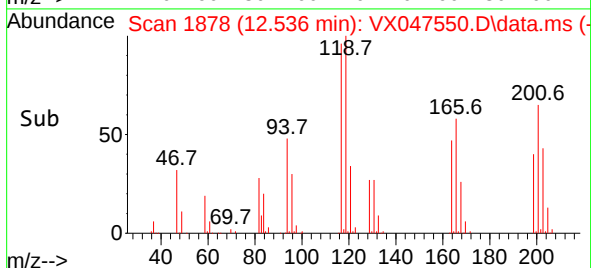
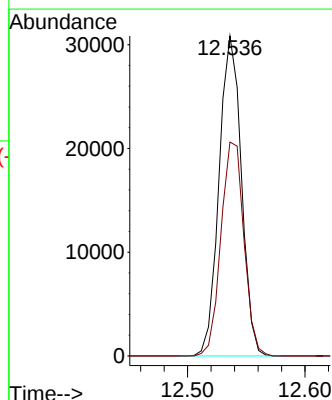
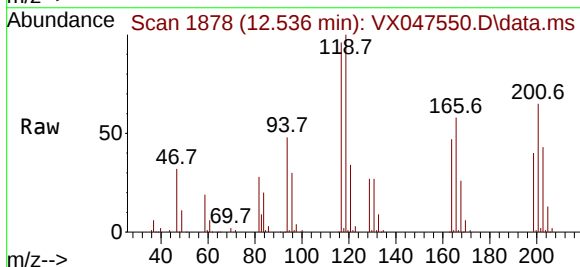
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

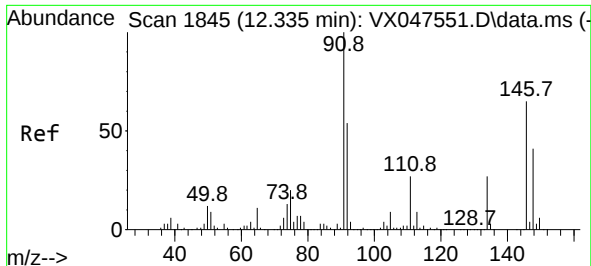
Tgt Ion: 91 Resp: 213094
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 19.400 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 117 Resp: 40708
Ion Ratio Lower Upper
117 100
201 68.9 33.7 101.1

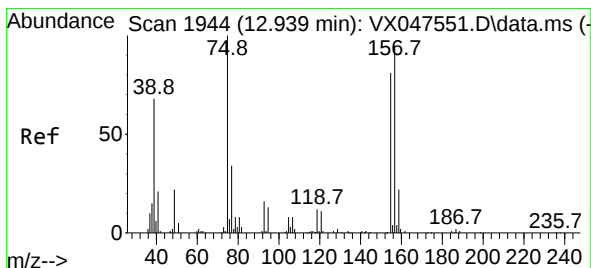
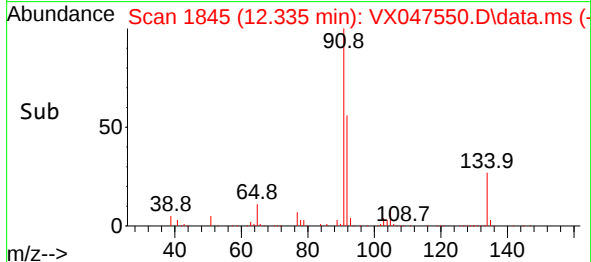
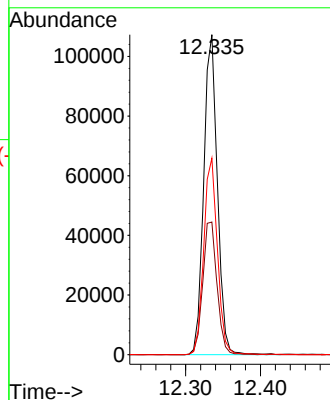
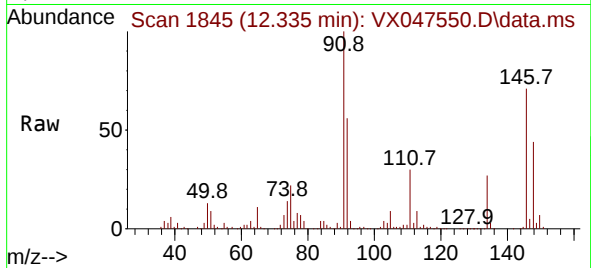




#91
1,2-Dichlorobenzene
Concen: 21.202 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

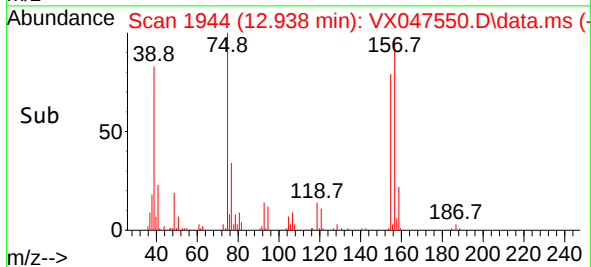
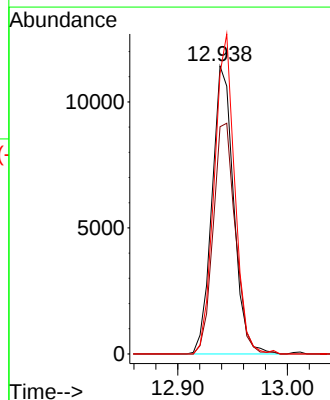
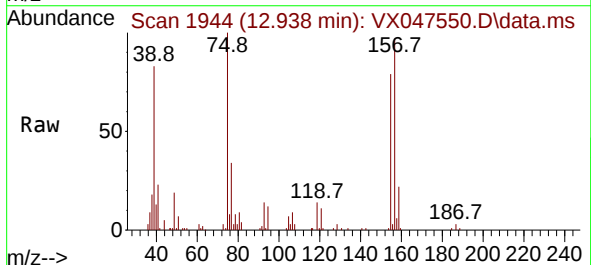
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

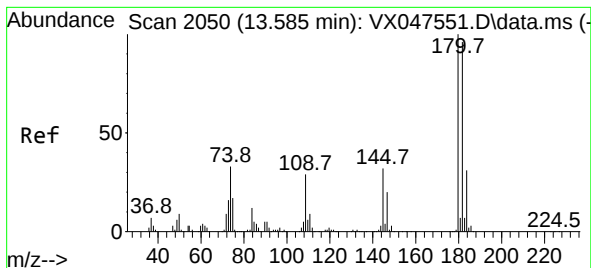
Tgt Ion:146 Resp: 136060
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 61.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.583 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion: 75 Resp: 15679
Ion Ratio Lower Upper
75 100
155 82.1 41.9 125.6
157 104.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.072 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

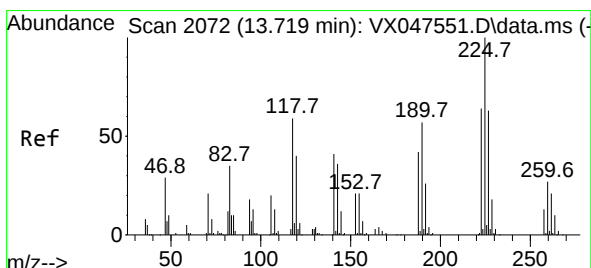
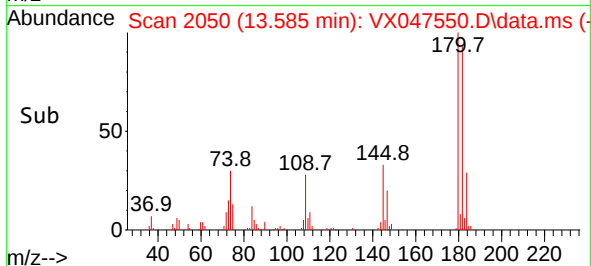
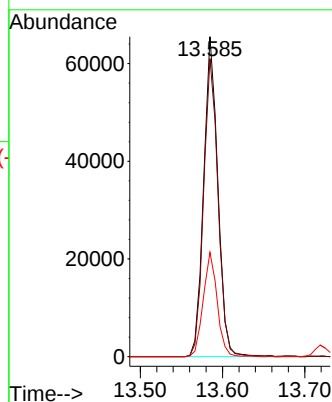
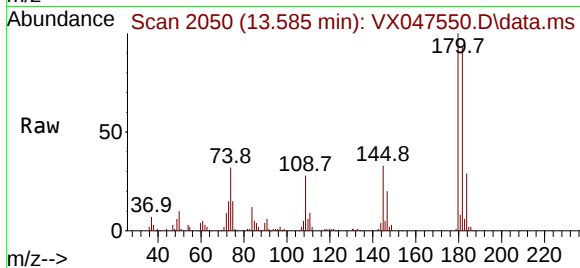
Tgt Ion:180 Resp: 78517

Ion Ratio Lower Upper

180 100

182 94.5 47.7 143.1

145 32.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 17.404 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047550.D

Acq: 28 Aug 2025 15:32

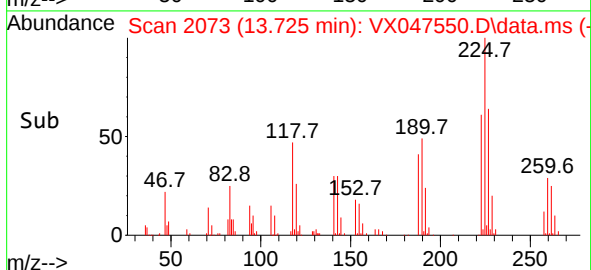
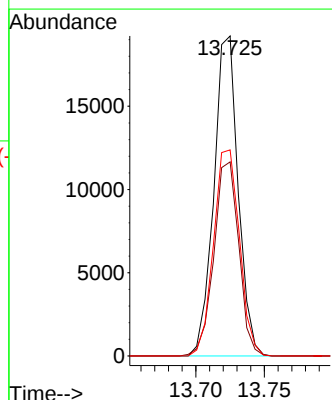
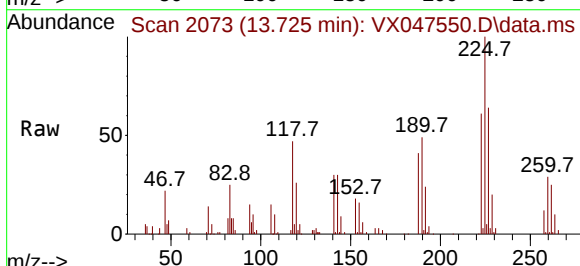
Tgt Ion:225 Resp: 23663

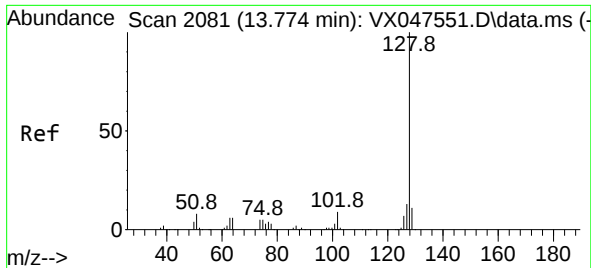
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.5

227 68.7 31.8 95.3

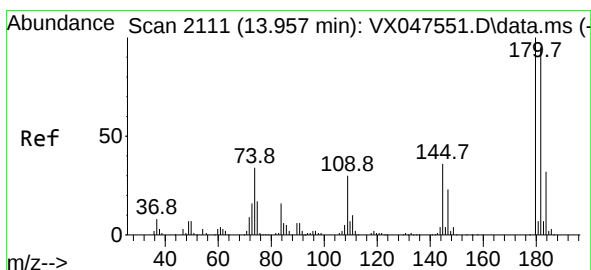
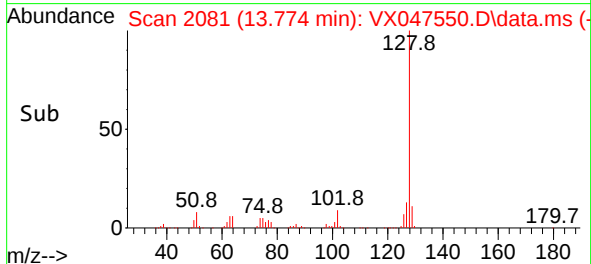
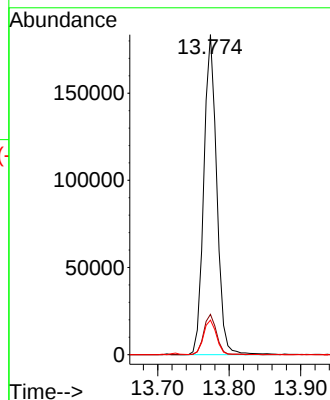
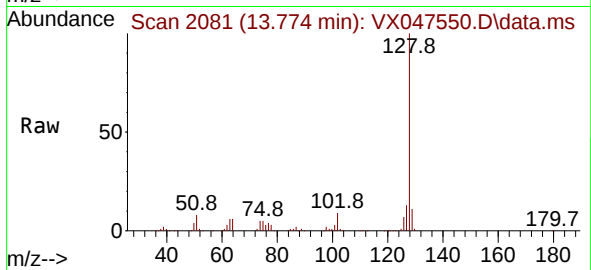




#95
Naphthalene
Concen: 20.153 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 230447
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.497 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047550.D
Acq: 28 Aug 2025 15:32

Tgt Ion:180 Resp: 71640
Ion Ratio Lower Upper
180 100
182 97.9 48.1 144.4
145 35.1 17.6 52.9

