

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046616.D
 Acq On : 10 Jun 2025 21:01
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Jun 11 05:58:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 05:53:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	21014	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	108888	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102388	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	45397	22.933	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	76.433%#		
60) 4-Bromofluorobenzene	11.079	95	51686	27.535	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.800%		
63) Toluene-d8	8.653	98	133859	24.564	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	81.867%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	67152	39.278	ug/l	97
3) Chloromethane	1.307	50	67721	33.855	ug/l	97
4) Vinyl Chloride	1.386	62	65364	33.754	ug/l	99
5) Bromomethane	1.624	94	39531	52.308	ug/l	99
6) Chloroethane	1.703	64	38731	37.564	ug/l	100
7) Trichlorofluoromethane	1.904	101	90096	34.029	ug/l	100
8) Diethyl Ether	2.148	74	28989	29.408	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	59156	36.998	ug/l	97
10) 1,1-Dichloroethene	2.337	96	58166	37.425	ug/l	93
11) Methyl Iodide	2.471	142	82662	44.566	ug/l	99
12) Methyl Acetate	2.715	43	60732	31.234	ug/l	93
13) Acrolein	2.252	56	33095	99.015	ug/l	98
14) Acrylonitrile	3.075	53	145764	167.946	ug/l	100
15) Acetone	2.392	58	34647	150.621	ug/l	88
16) Carbon Disulfide	2.532	76	162583	36.799	ug/l	98
17) Allyl chloride	2.678	41	102544	35.288	ug/l	97
18) Methylene Chloride	2.806	84	63723	36.645	ug/l	99
19) trans-1,2-Dichloroethene	3.105	96	61492	38.991	ug/l	100
20) Diisopropyl ether	3.770	45	198220	35.634	ug/l	86
21) 1,1-Dichloroethane	3.629	63	112467	36.263	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	71470	37.873	ug/l	97
23) tert-Butyl Alcohol	2.959	59	29200	103.348	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	178920	35.579	ug/l	97
25) Chloroform	5.111	83	113621	37.584	ug/l	93
26) Cyclohexane	5.483	56	101516	35.563	ug/l #	95
29) 1,1-Dichloropropene	5.708	75	78147	39.321	ug/l	96
30) 2-Butanone	4.568	43	182756	166.916	ug/l	98
31) 2,2-Dichloropropane	4.489	77	71776	33.277	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	97388	40.317	ug/l	97
33) Carbon Tetrachloride	5.690	117	88852	43.258	ug/l	97
34) Benzene	6.050	78	237672	38.717	ug/l	97
35) Methacrylonitrile	4.928	41	46275	38.894	ug/l	98
36) 1,2-Dichloroethane	6.092	62	84980	39.499	ug/l	97
37) Trichloroethene	7.135	130	61466	42.532	ug/l	99
38) Methylcyclohexane	7.385	83	107594	40.817	ug/l	95
39) 1,2-Dichloropropane	7.434	63	60670	39.885	ug/l	96
40) Dibromomethane	7.586	93	44659	40.463	ug/l	98
41) Bromodichloromethane	7.824	83	91514	41.323	ug/l	96
42) Vinyl Acetate	3.733	43	813088	191.071	ug/l	97

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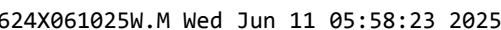
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 ClientSampleId :
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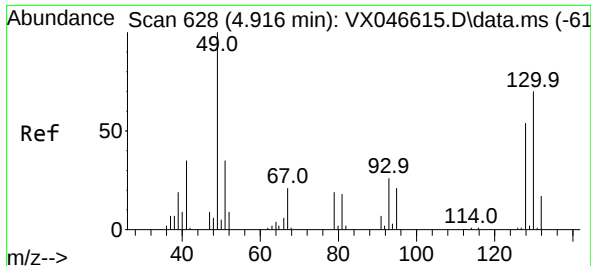
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	76175	36.304	ug/l #	88
44) Isopropyl Acetate	6.348	43	113962	33.274	ug/l	100
45) 1,4-Dioxane	7.659	88	15163	459.116	ug/l #	93
46) Methyl methacrylate	7.696	41	65423	38.115	ug/l	96
47) n-amyl Acetate	10.842	43	123546	42.227	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	83937	39.844	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	93527	39.526	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	58480	41.067	ug/l	93
51) Ethyl methacrylate	9.116	69	90255	40.129	ug/l	95
52) 1,3-Dichloropropane	9.311	76	101492	40.566	ug/l	99
53) Dibromochloromethane	9.519	129	70368	44.108	ug/l	99
54) 1,2-Dibromoethane	9.610	107	61792	42.444	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	242780	209.277	ug/l	98
56) Bromoform	10.799	173	43675	43.391	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	385957	173.732	ug/l	98
59) 2-Hexanone	9.427	43	287325	179.309	ug/l	98
61) Tetrachloroethene	9.275	164	50960	41.220	ug/l	98
62) Toluene	8.720	91	263456	39.653	ug/l	100
64) Chlorobenzene	10.079	112	173096	41.967	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	59332	43.293	ug/l	98
66) Ethyl Benzene	10.195	91	310680	42.368	ug/l	99
67) m/p-Xylenes	10.299	106	232571	85.802	ug/l	97
68) o-Xylene	10.640	106	111285	42.006	ug/l	98
69) Styrene	10.653	104	189444	42.379	ug/l	98
70) Isopropylbenzene	10.963	105	297820	43.202	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	85664	38.320	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	94368	51.170	ug/l	85
73) Bromobenzene	11.195	156	68580	43.109	ug/l	98
74) n-propylbenzene	11.305	91	358912	43.482	ug/l	99
75) 2-Chlorotoluene	11.360	91	210797	42.431	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	246843	43.282	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	24547	39.135	ug/l	94
78) 4-Chlorotoluene	11.451	91	244058	43.554	ug/l	100
79) tert-butylbenzene	11.713	119	245096	42.765	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	242787	42.646	ug/l	99
81) sec-Butylbenzene	11.890	105	314122	43.418	ug/l	99
82) p-Isopropyltoluene	12.006	119	260529	44.246	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	128582	43.335	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	127142	43.154	ug/l	99
85) n-Butylbenzene	12.329	91	249335	45.589	ug/l	99
86) Hexachloroethane	12.536	117	44755	42.946	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	123006	42.457	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	18139	41.216	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	80770	44.831	ug/l	99
90) Hexachlorobutadiene	13.725	225	35663	48.174	ug/l	99
91) Naphthalene	13.774	128	261755	42.345	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	79158	43.289	ug/l	98

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

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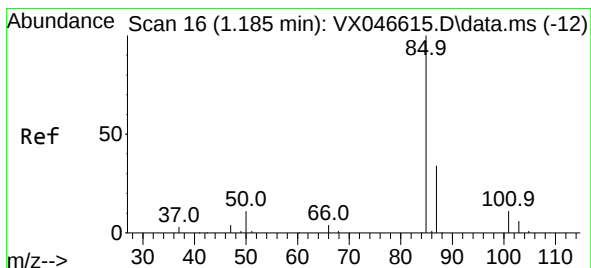
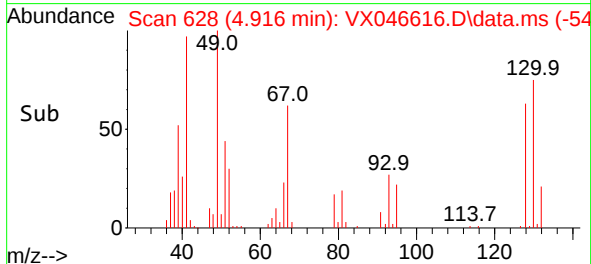
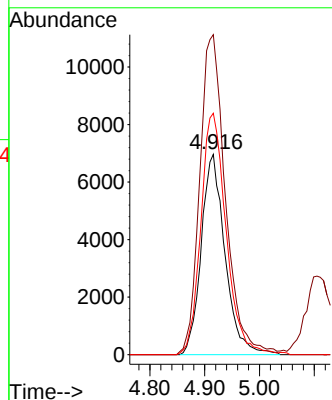
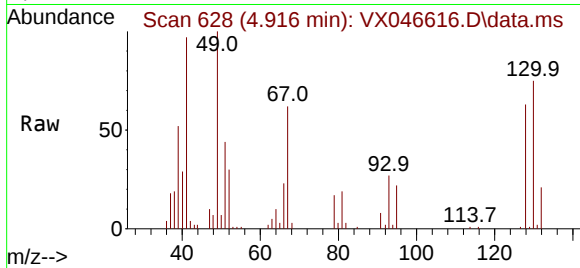




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

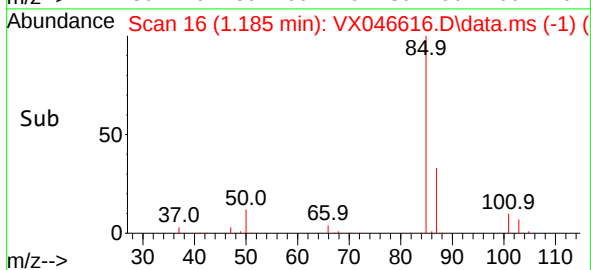
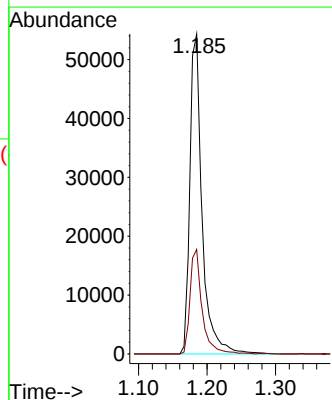
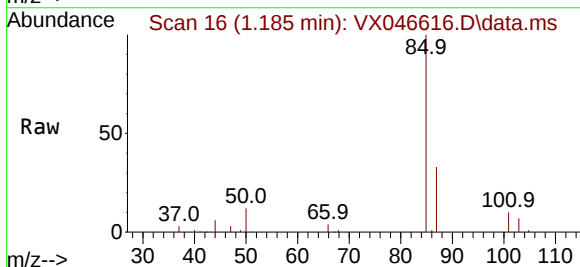
Instrument :
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ClientSampleId :
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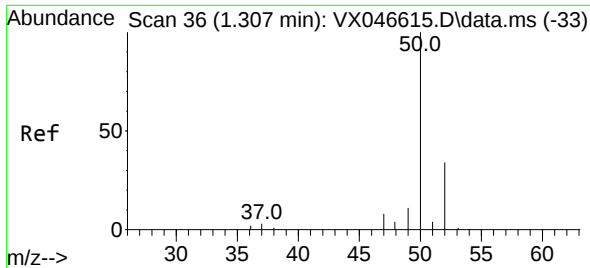
Tgt Ion:128 Resp: 21014
Ion Ratio Lower Upper
128 100
49 171.2 0.0 448.3
130 128.0 0.0 312.0



#2
Dichlorodifluoromethane
Concen: 39.278 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 85 Resp: 67152
Ion Ratio Lower Upper
85 100
87 32.7 17.1 51.3

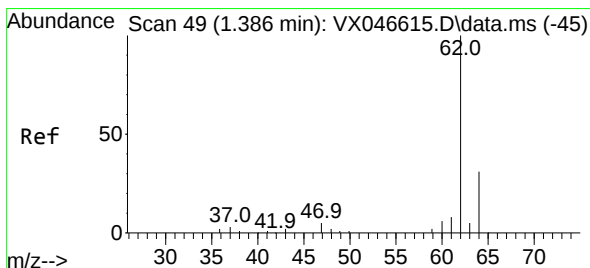
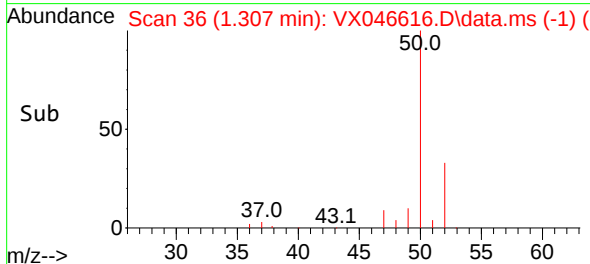
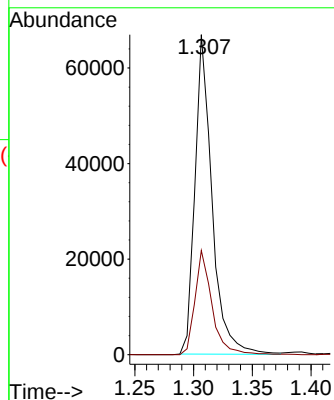
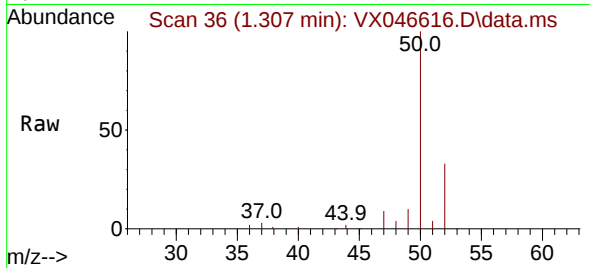




#3
Chloromethane
Concen: 33.855 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

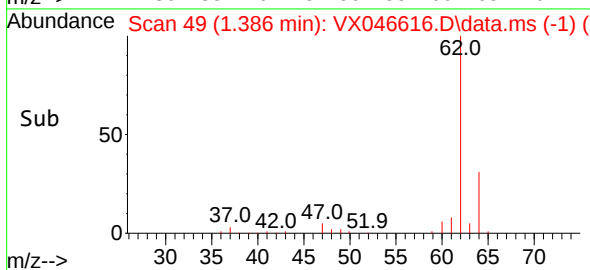
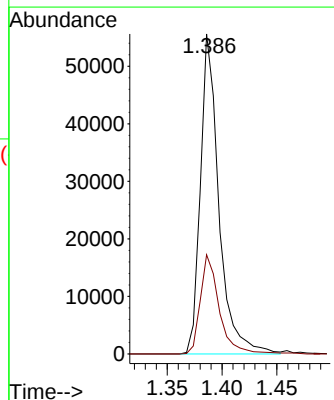
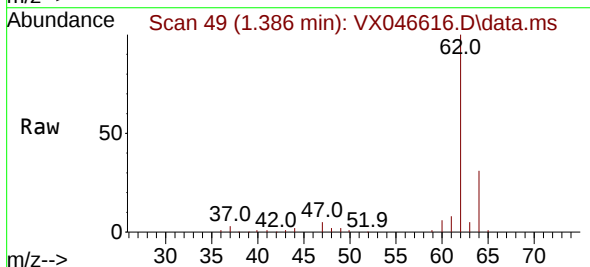
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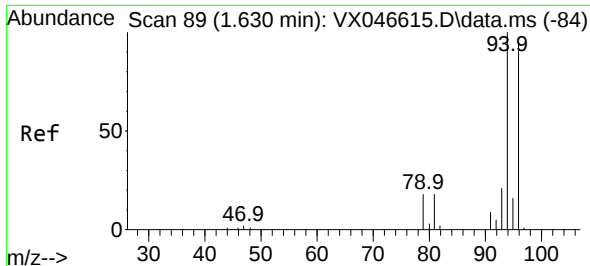
Tgt Ion: 50 Resp: 67721
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.2



#4
Vinyl Chloride
Concen: 33.754 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 62 Resp: 65364
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8

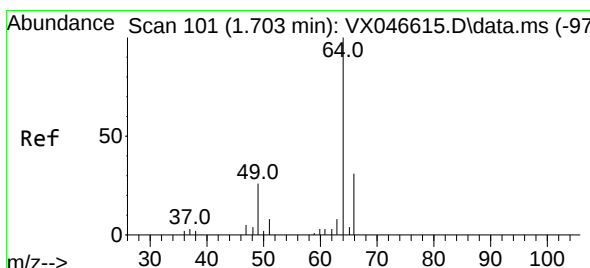
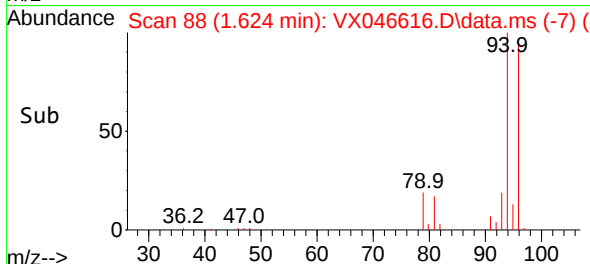
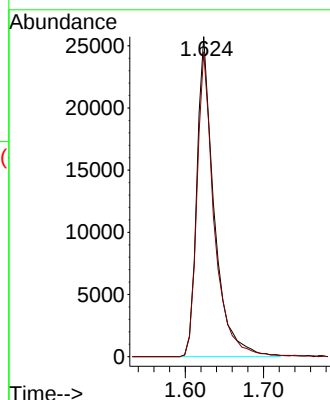
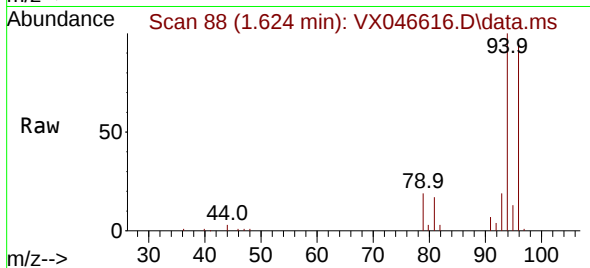




#5
Bromomethane
Concen: 52.308 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

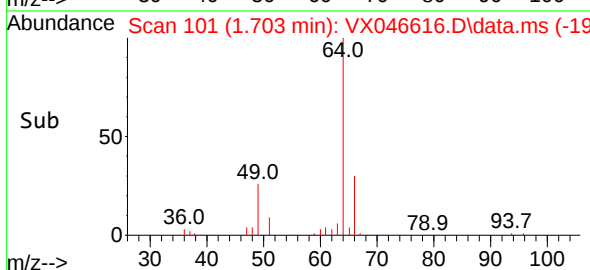
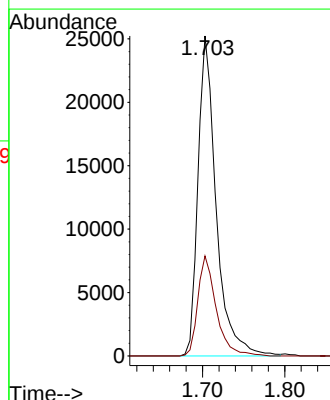
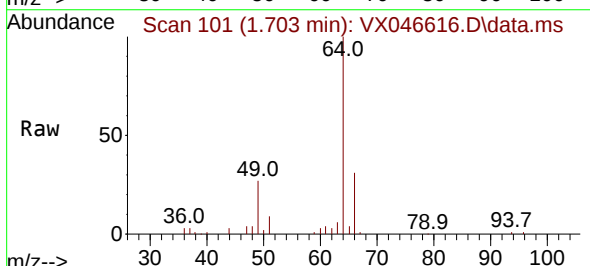
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ClientSampleId :
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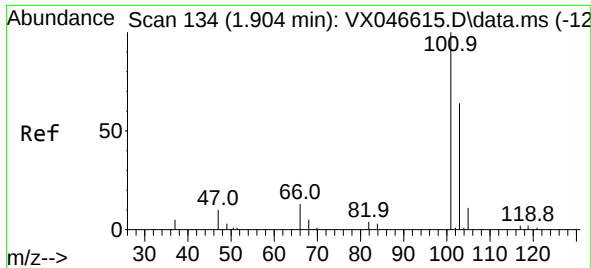
Tgt Ion: 94 Resp: 39531
Ion Ratio Lower Upper
94 100
96 95.3 75.5 113.3



#6
Chloroethane
Concen: 37.564 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 64 Resp: 38731
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6

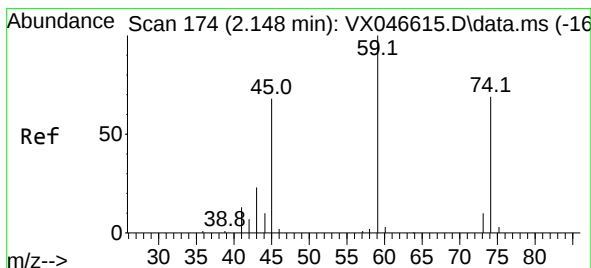
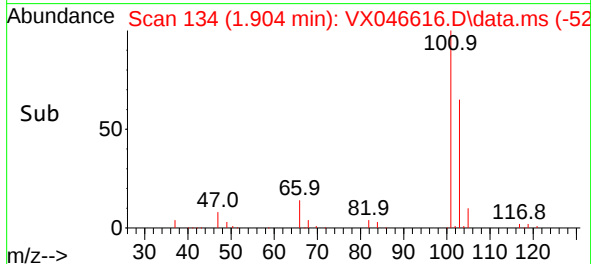
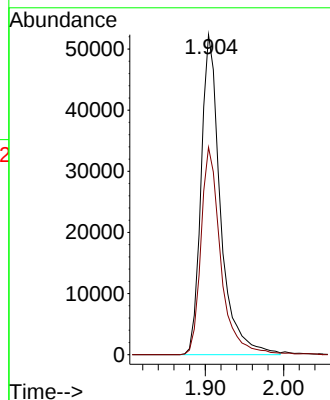
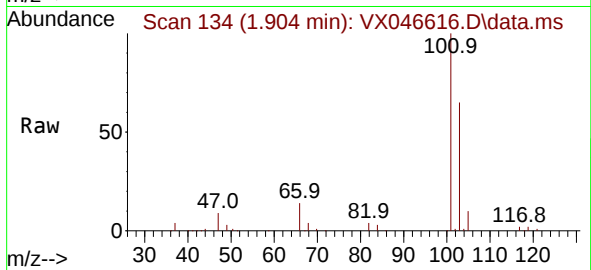




#7
Trichlorofluoromethane
Concen: 34.029 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

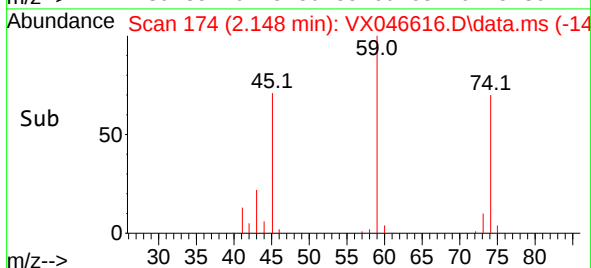
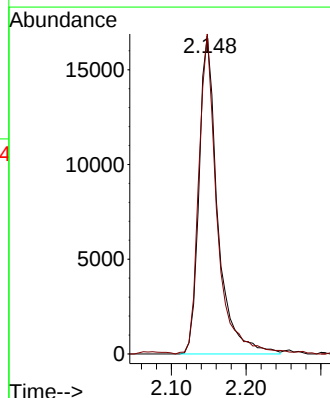
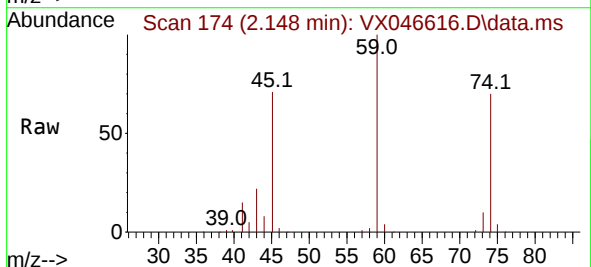
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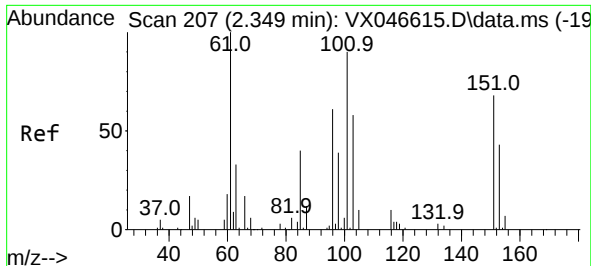
Tgt Ion:101 Resp: 90096
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3



#8
Diethyl Ether
Concen: 29.408 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 74 Resp: 28989
Ion Ratio Lower Upper
74 100
45 99.0 19.3 174.1

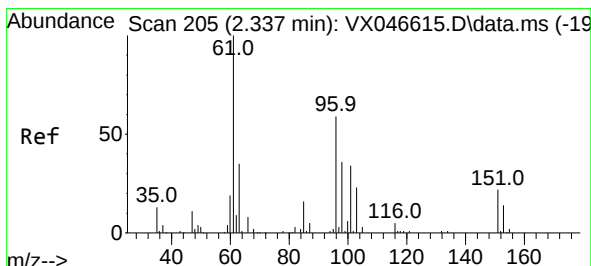
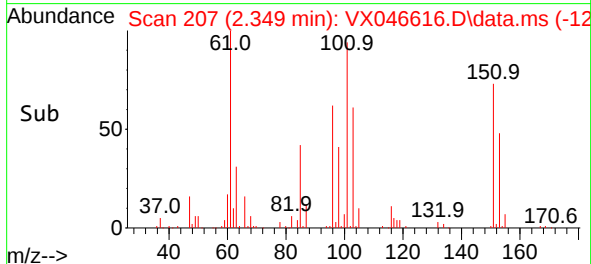
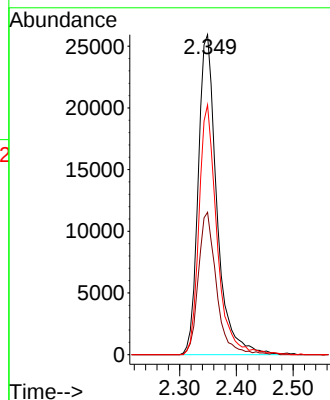
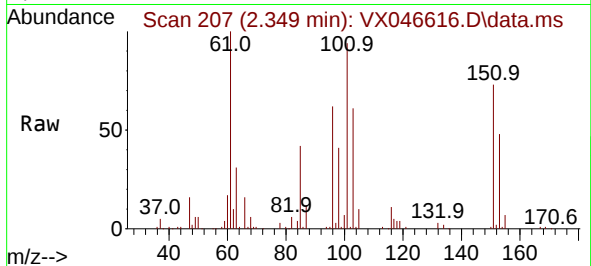




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.998 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

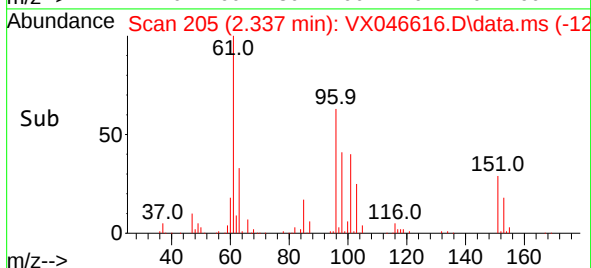
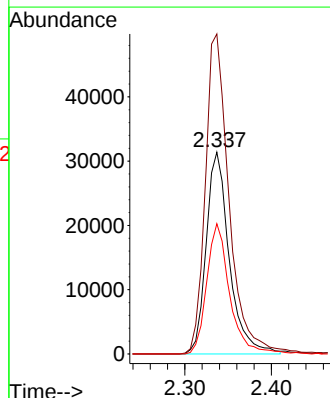
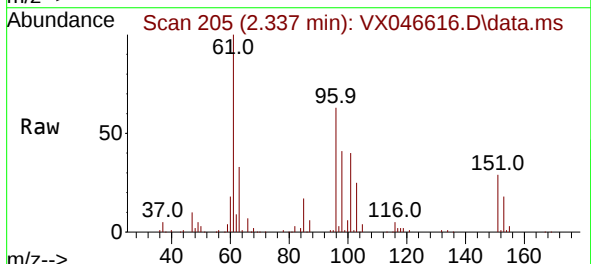
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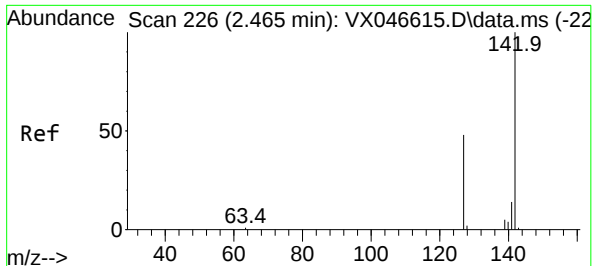
Tgt Ion:101 Resp: 59156
Ion Ratio Lower Upper
101 100
85 42.9 0.0 88.2
151 74.2 0.0 141.8



#10
1,1-Dichloroethene
Concen: 37.425 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 96 Resp: 58166
Ion Ratio Lower Upper
96 100
61 158.6 135.1 202.7
98 64.5 49.0 73.4

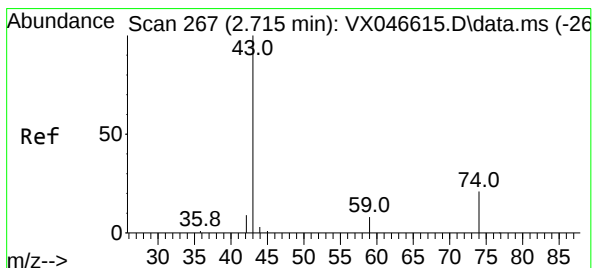
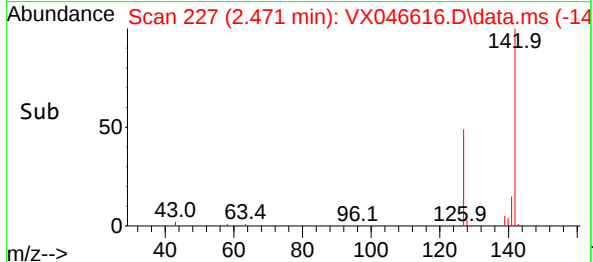
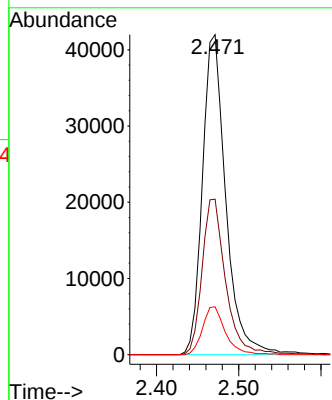
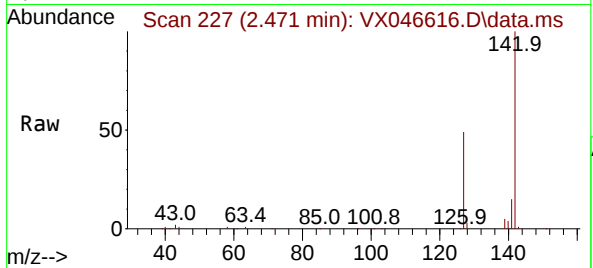




#11
Methyl Iodide
Concen: 44.566 ug/l
RT: 2.471 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

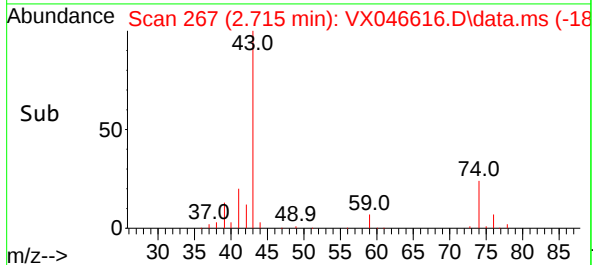
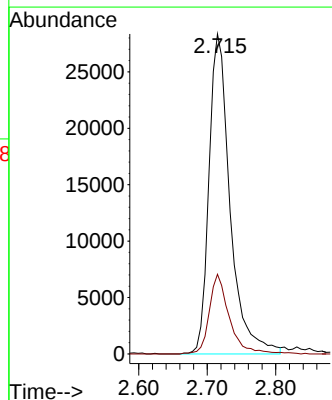
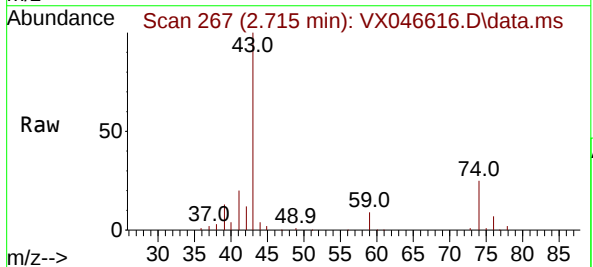
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

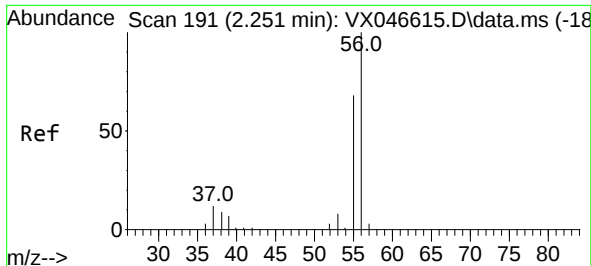
Tgt Ion:142 Resp: 82662
Ion Ratio Lower Upper
142 100
127 48.6 24.1 72.4
141 15.0 7.0 20.9



#12
Methyl Acetate
Concen: 31.234 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 43 Resp: 60732
Ion Ratio Lower Upper
43 100
74 24.9 17.2 25.8

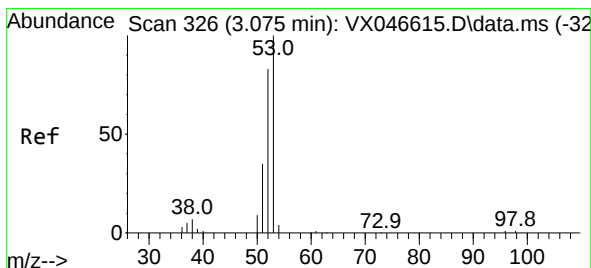
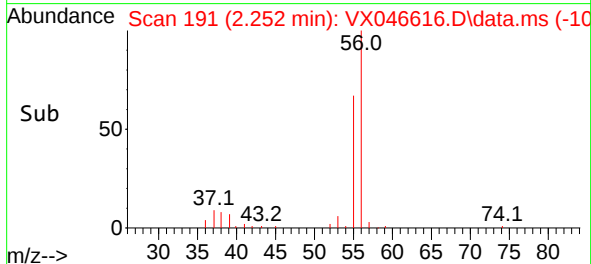
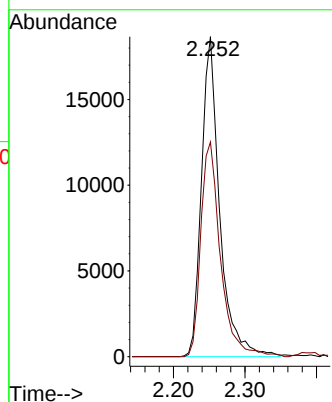
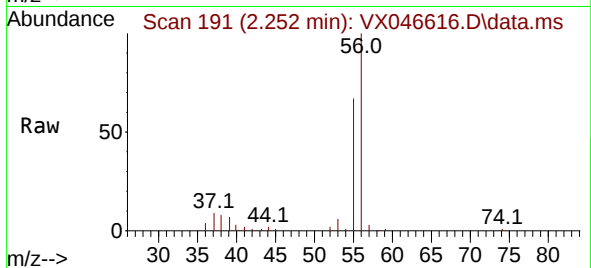




#13
Acrolein
Concen: 99.015 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

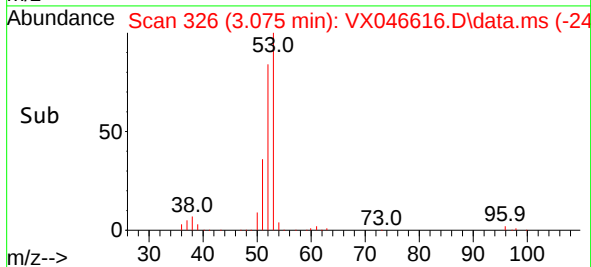
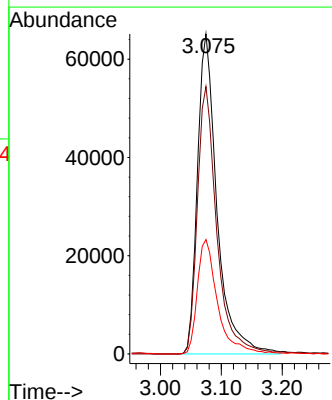
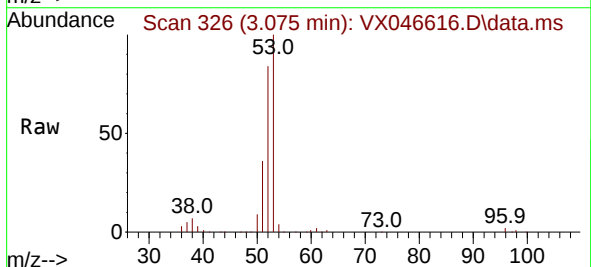
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

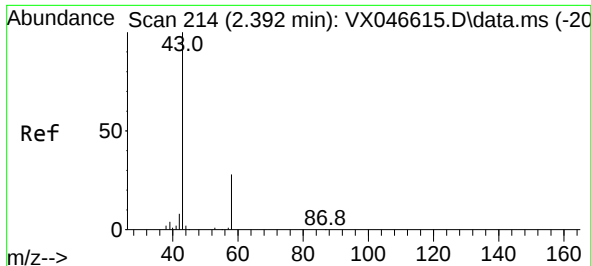
Tgt Ion: 56 Resp: 33095
Ion Ratio Lower Upper
56 100
55 71.8 56.0 84.0



#14
Acrylonitrile
Concen: 167.946 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 53 Resp: 145764
Ion Ratio Lower Upper
53 100
52 82.4 41.3 123.7
51 36.7 18.6 55.8

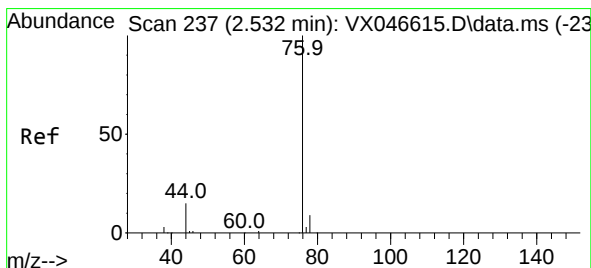
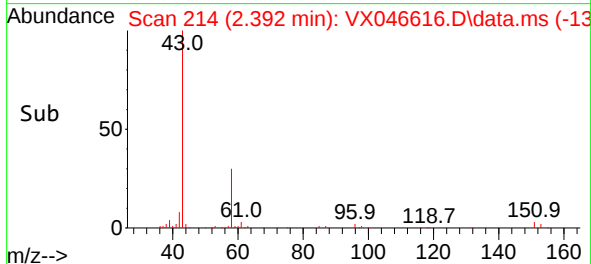
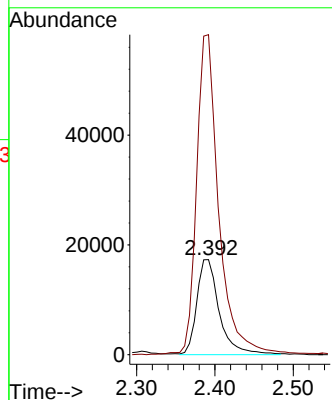
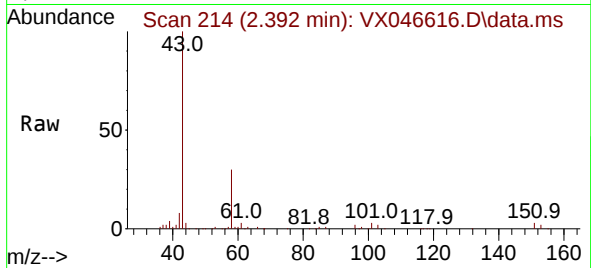




#15
Acetone
Concen: 150.621 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

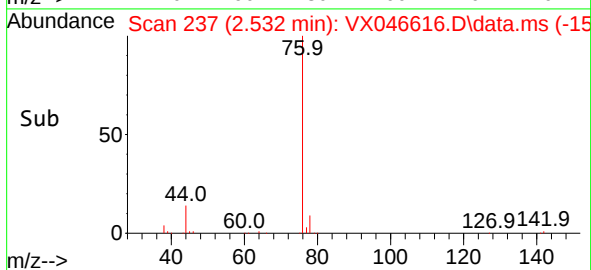
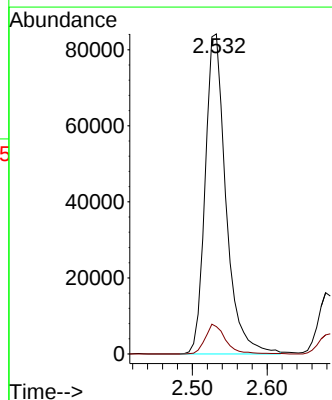
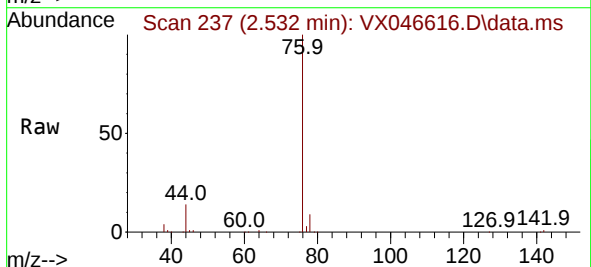
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

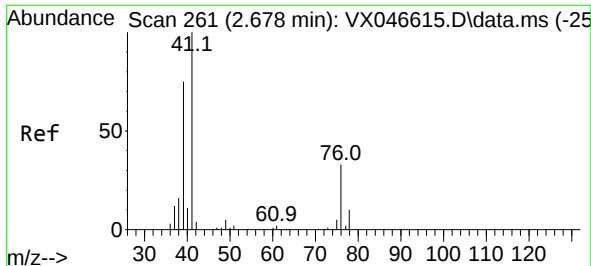
Tgt Ion: 58 Resp: 34647
Ion Ratio Lower Upper
58 100
43 337.2 290.6 435.8



#16
Carbon Disulfide
Concen: 36.799 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 76 Resp: 162583
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





#17

Allyl chloride

Concen: 35.288 ug/l

RT: 2.678 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

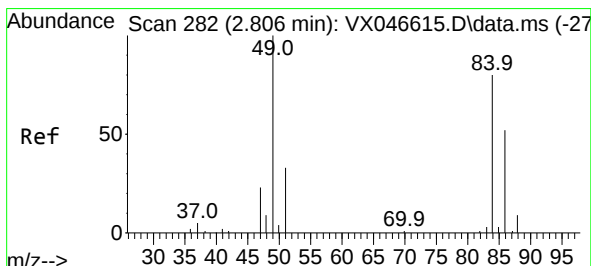
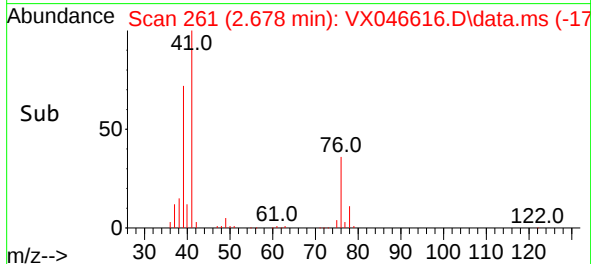
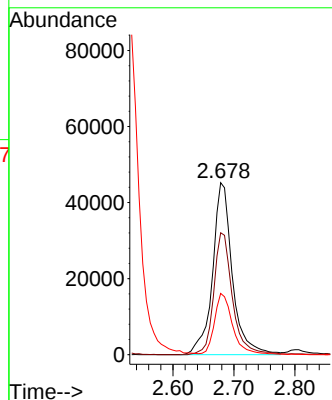
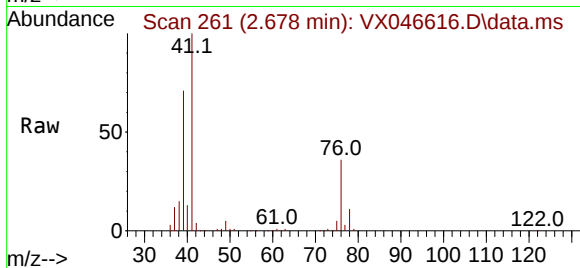
Tgt Ion: 41 Resp: 102544

Ion Ratio Lower Upper

41 100

39 70.9 37.5 112.3

76 35.4 17.4 52.3



#18

Methylene Chloride

Concen: 36.645 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Tgt Ion: 84 Resp: 63723

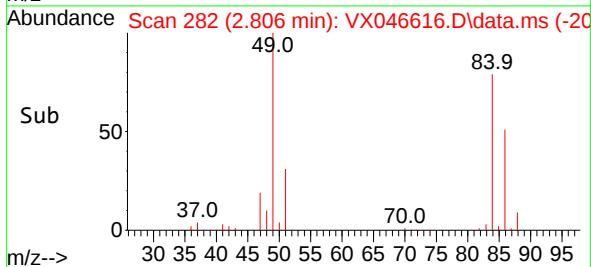
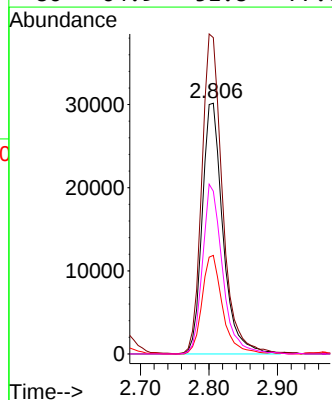
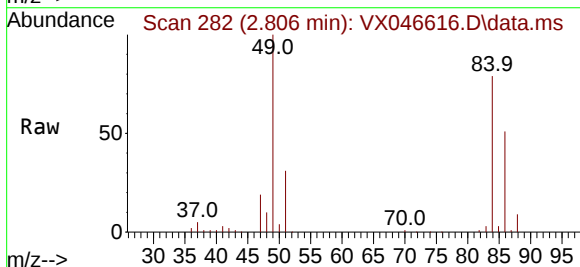
Ion Ratio Lower Upper

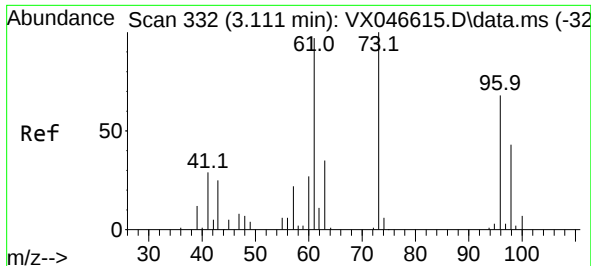
84 100

49 125.9 100.1 150.1

51 39.3 33.0 49.4

86 64.9 51.8 77.6

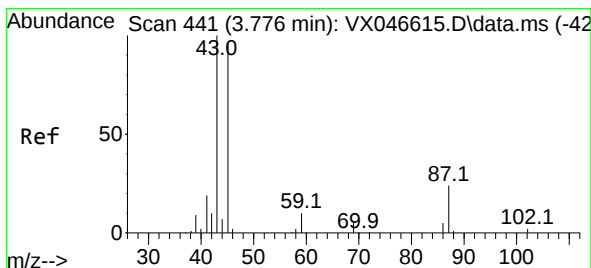
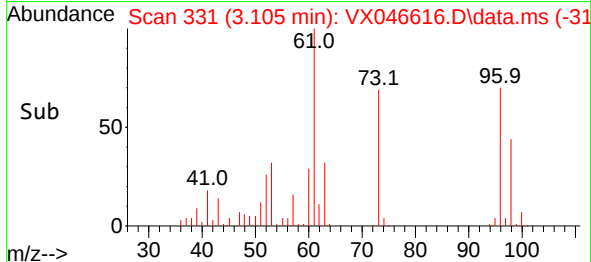
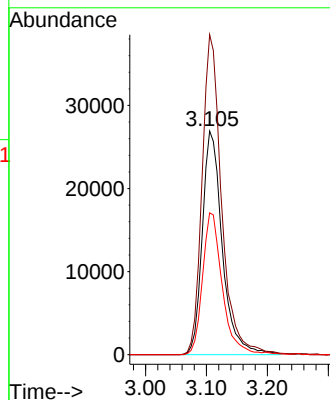
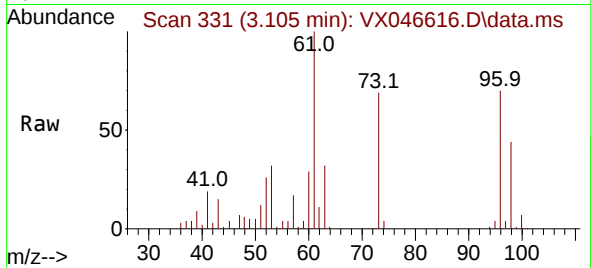




#19
trans-1,2-Dichloroethene
Concen: 38.991 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

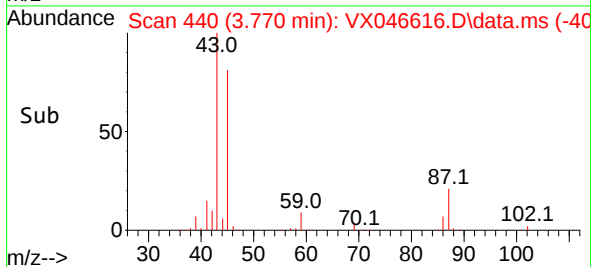
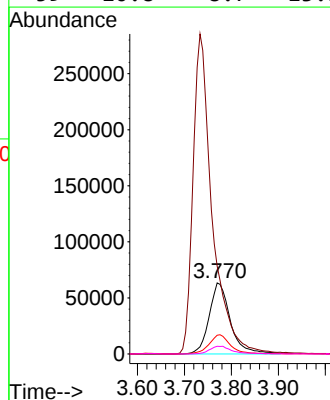
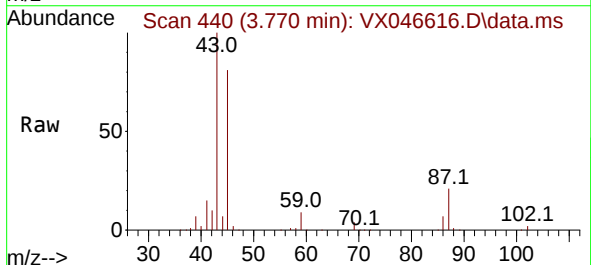
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

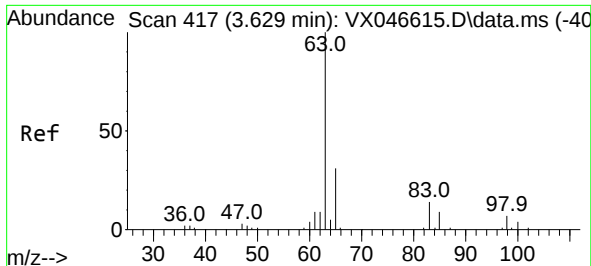
Tgt Ion: 96 Resp: 61492
Ion Ratio Lower Upper
96 100
61 143.0 114.5 171.7
98 63.4 50.2 75.4



#20
Diisopropyl ether
Concen: 35.634 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 45 Resp: 198220
Ion Ratio Lower Upper
45 100
43 122.6 83.2 124.8
87 26.5 20.2 30.4
59 10.8 8.7 13.1

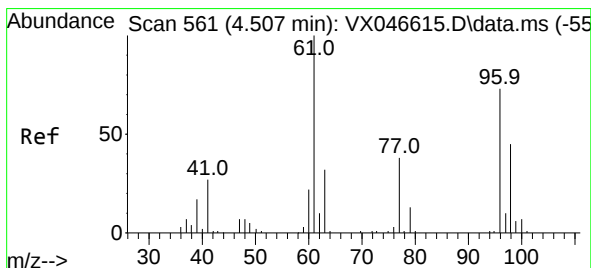
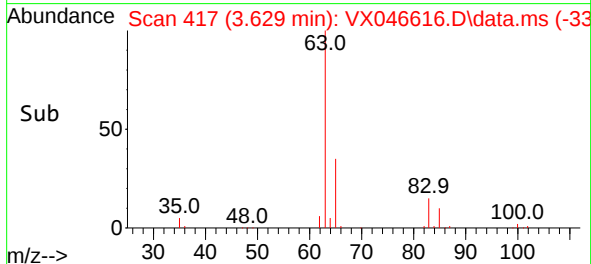
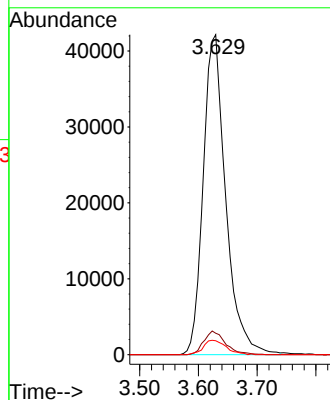
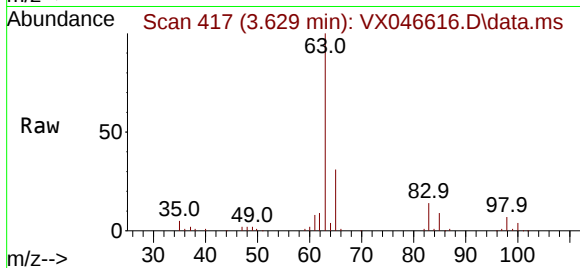




#21
1,1-Dichloroethane
Concen: 36.263 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

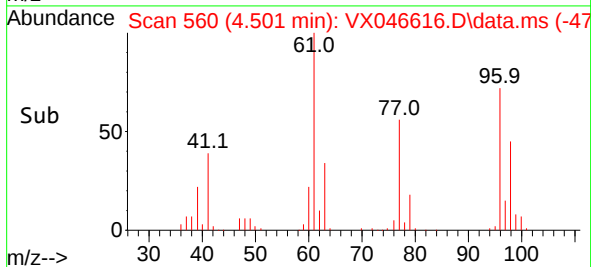
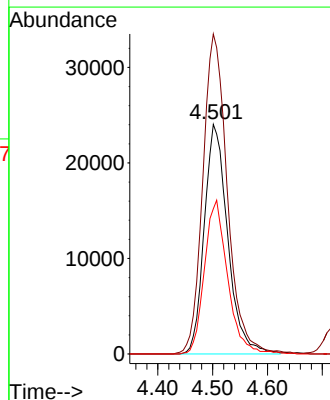
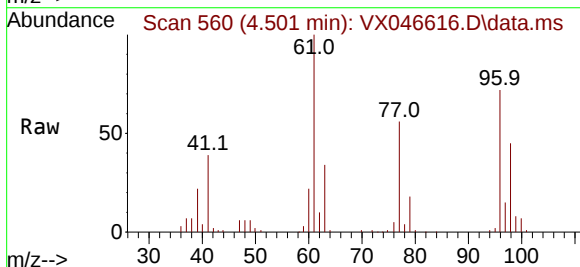
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

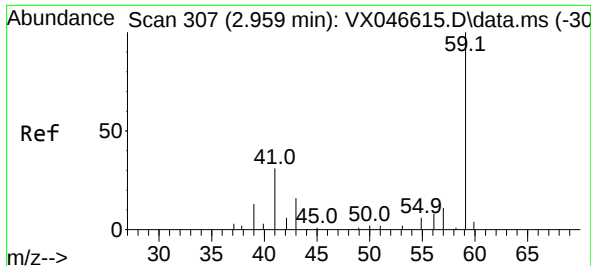
Tgt Ion: 63 Resp: 112467
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 4.4 1.8 5.5



#22
cis-1,2-Dichloroethene
Concen: 37.873 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 96 Resp: 71470
Ion Ratio Lower Upper
96 100
61 145.0 118.6 177.8
98 65.4 49.6 74.4

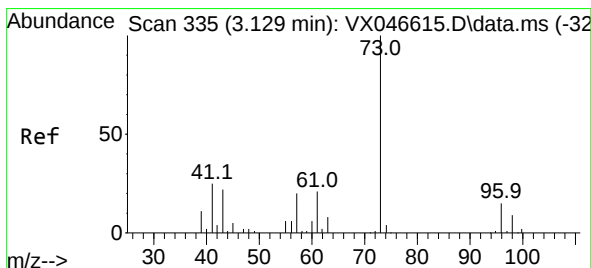
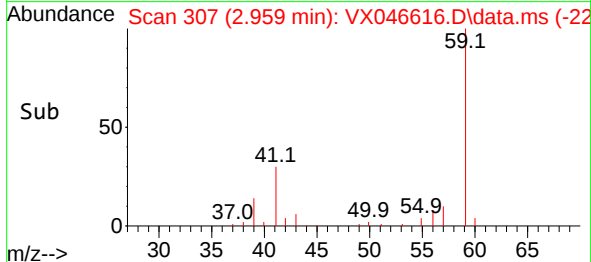
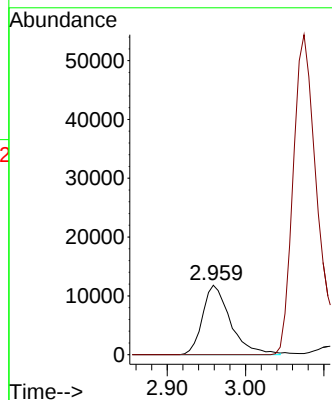
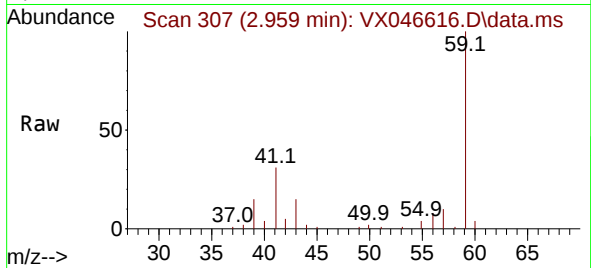




#23
tert-Butyl Alcohol
Concen: 103.348 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

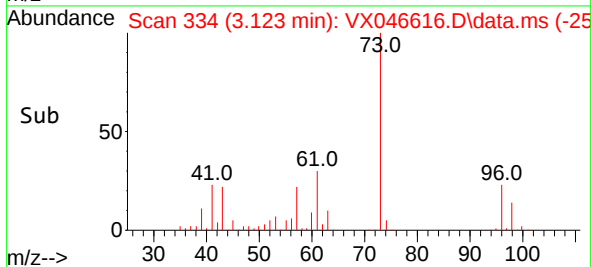
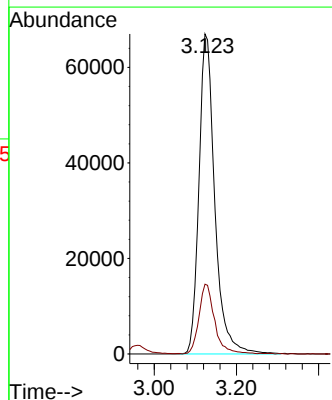
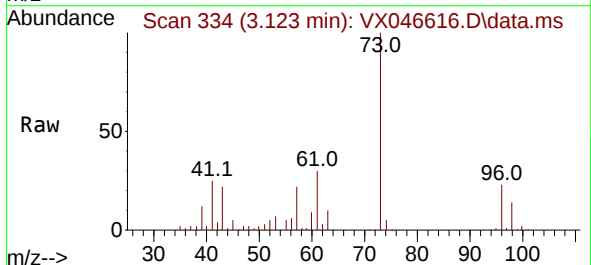
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

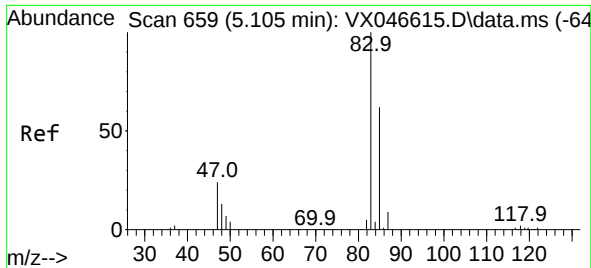
Tgt Ion: 59 Resp: 29200
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 35.579 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 73 Resp: 178920
Ion Ratio Lower Upper
73 100
43 21.6 18.4 27.6

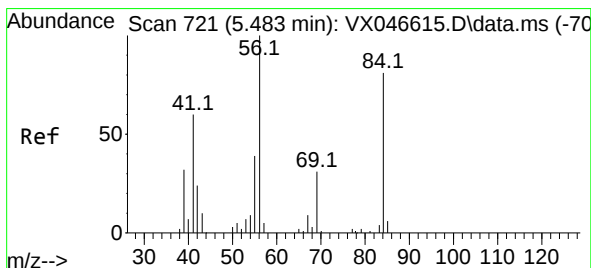
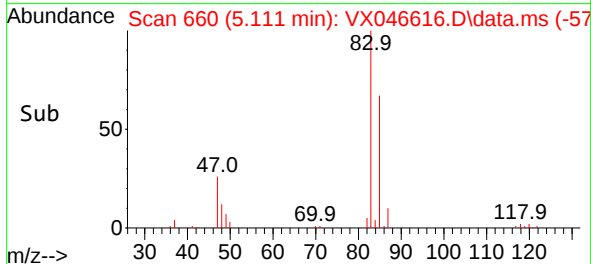
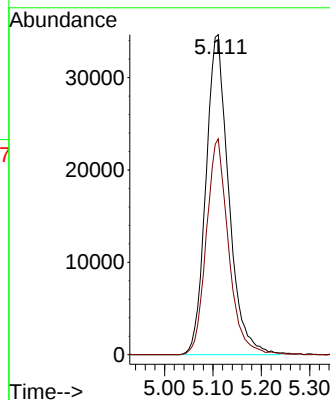
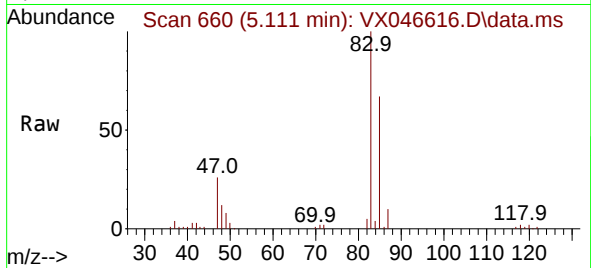




#25
Chloroform
Concen: 37.584 ug/l
RT: 5.111 min Scan# 60
Delta R.T. 0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

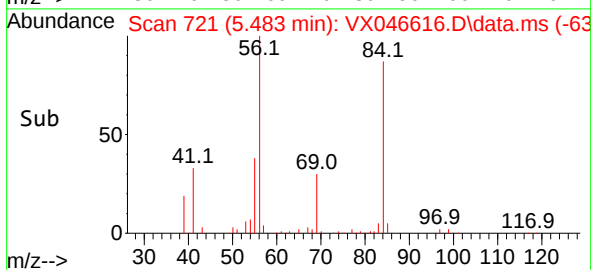
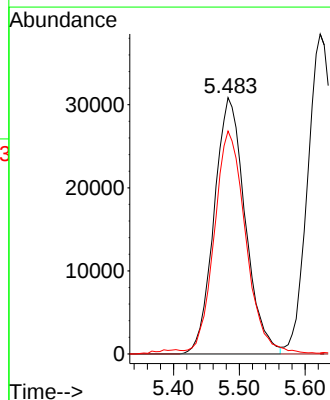
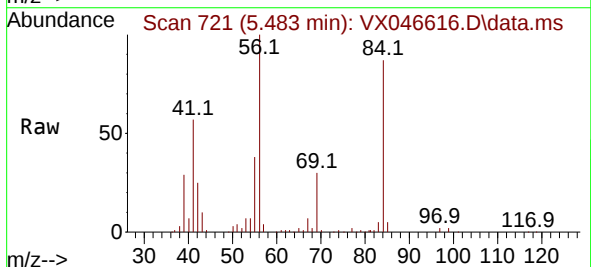
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

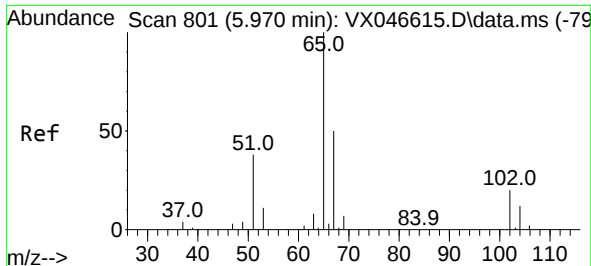
Tgt Ion: 83 Resp: 113621
Ion Ratio Lower Upper
83 100
85 67.5 49.8 74.6



#26
Cyclohexane
Concen: 35.563 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 56 Resp: 101516
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 67.4 101.0

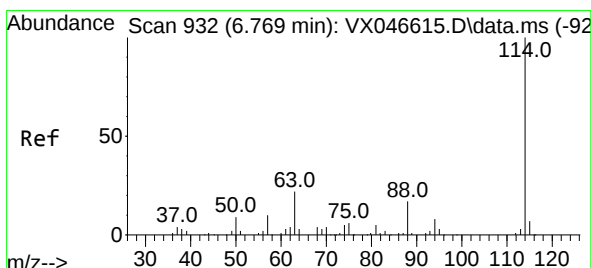
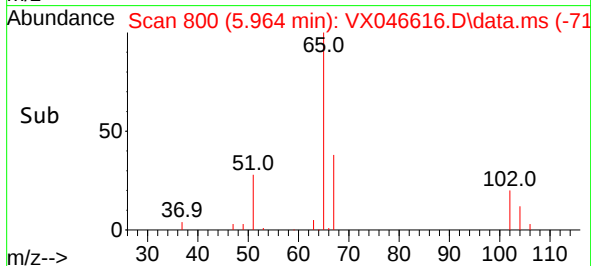
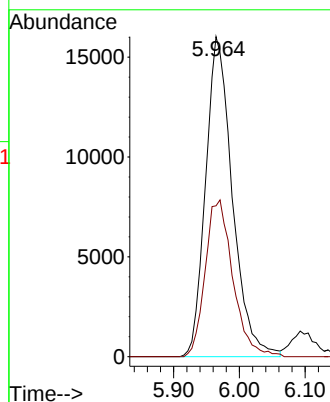
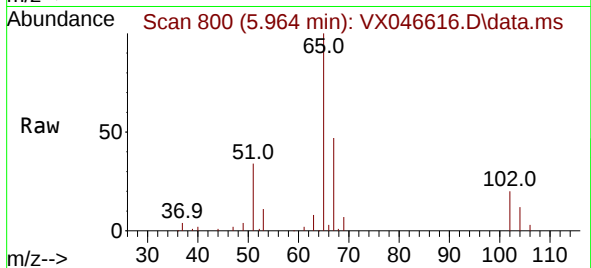




#27
1,2-Dichloroethane-d4
Concen: 22.933 ug/l
RT: 5.964 min Scan# 801
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

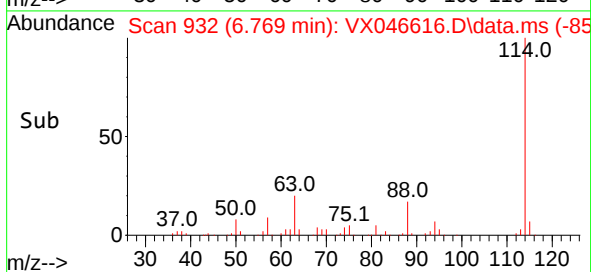
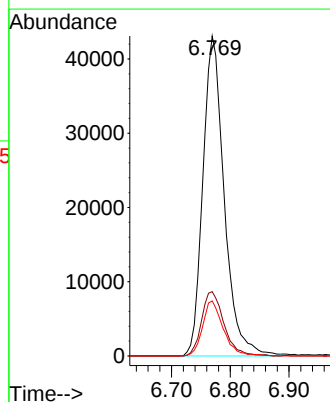
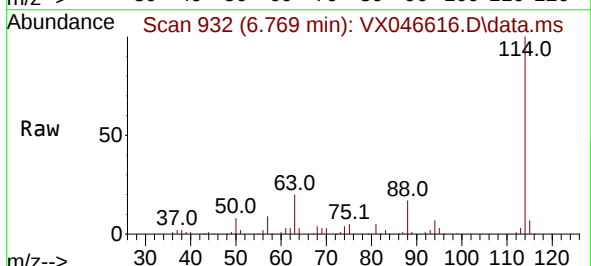
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

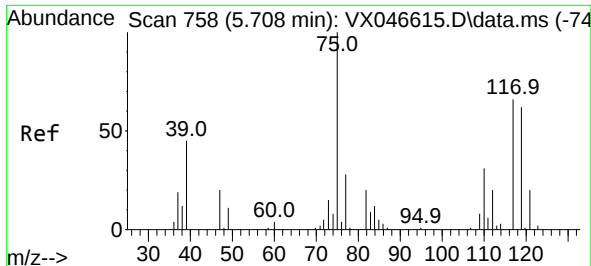
Tgt Ion: 65 Resp: 45397
Ion Ratio Lower Upper
65 100
67 50.4 41.4 62.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion:114 Resp: 108888
Ion Ratio Lower Upper
114 100
63 20.8 18.1 27.1
88 16.7 14.1 21.1

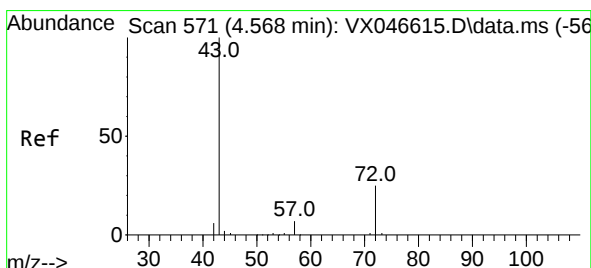
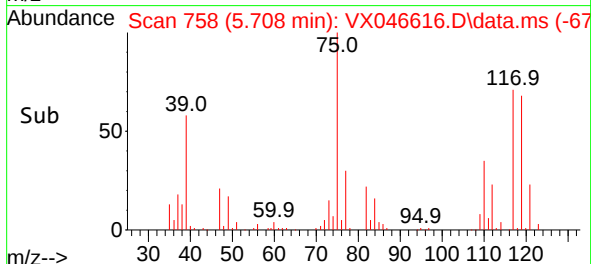
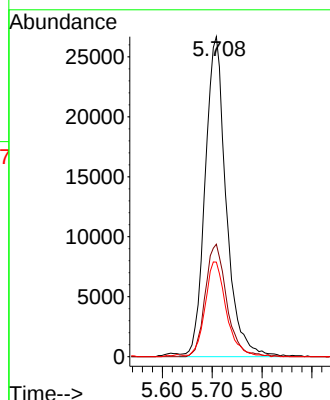
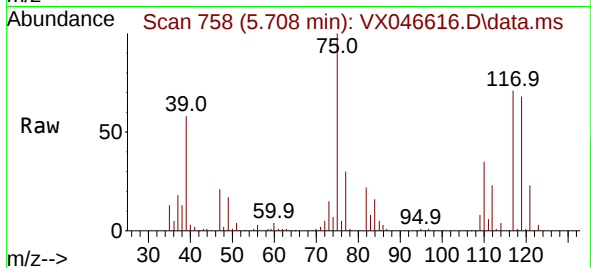




#29
1,1-Dichloropropene
Concen: 39.321 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

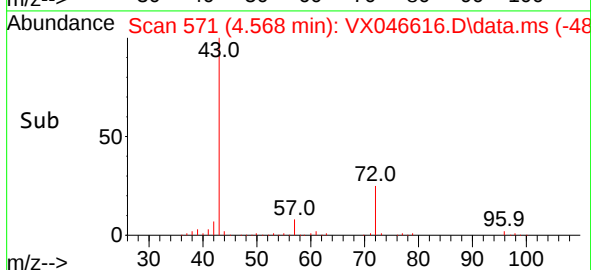
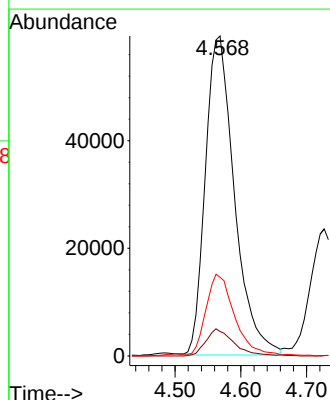
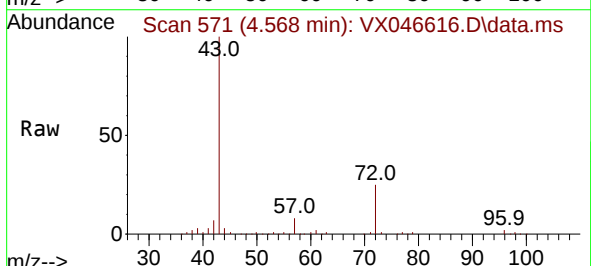
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

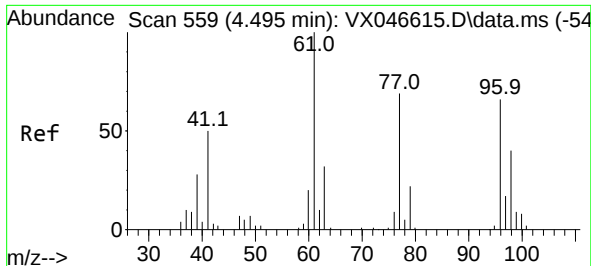
Tgt Ion:	75	Resp:	78147
Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	65.4
77	28.9	0.0	59.8



#30
2-Butanone
Concen: 166.916 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion:	43	Resp:	182756
Ion	Ratio	Lower	Upper
43	100		
57	8.1	5.8	8.6
72	25.1	19.4	29.2

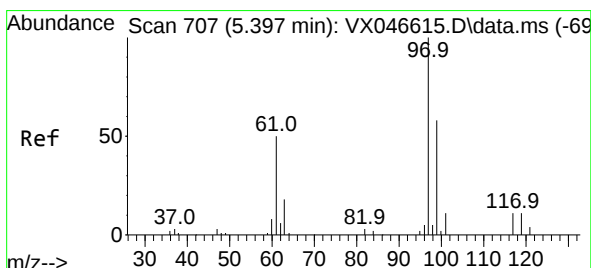
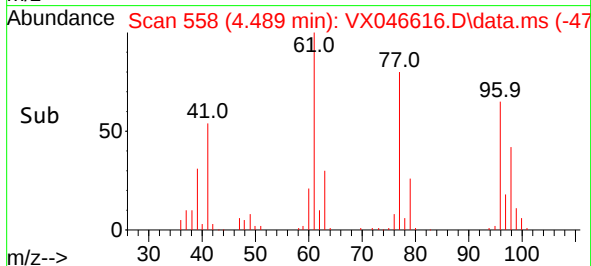
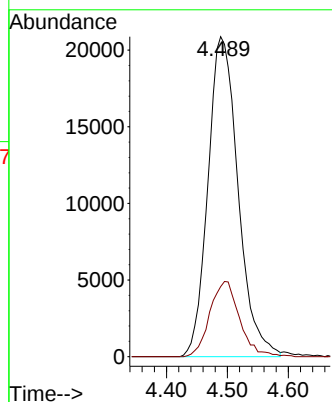
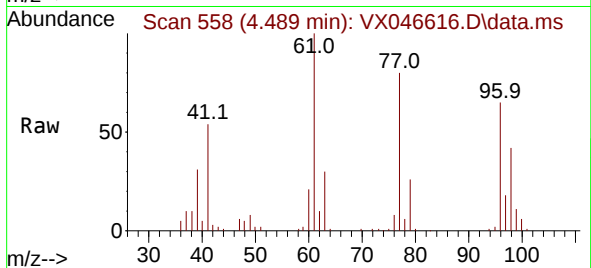




#31
2,2-Dichloropropane
Concen: 33.277 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

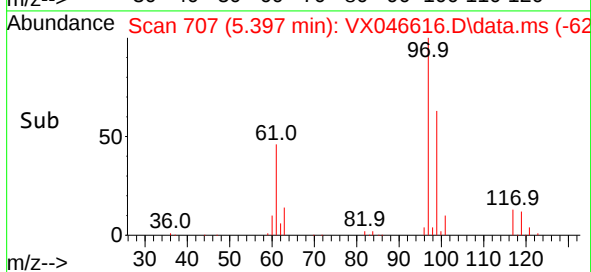
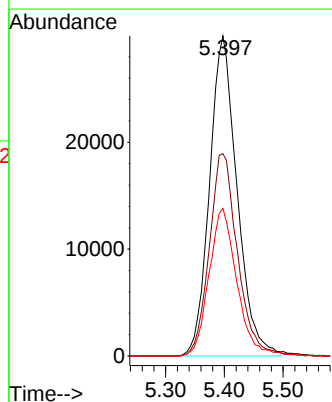
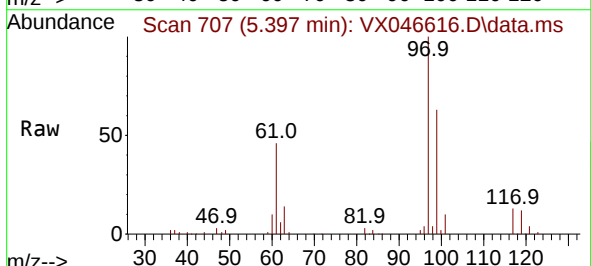
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

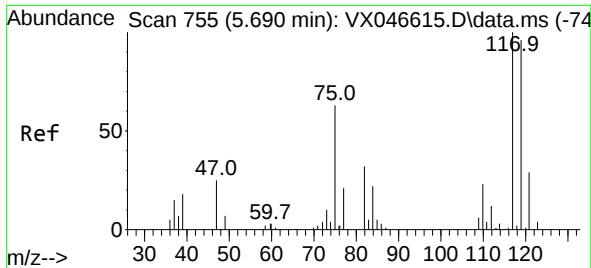
Tgt Ion: 77 Resp: 71776
Ion Ratio Lower Upper
77 100
97 22.7 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 40.317 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 97 Resp: 97388
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 45.6 39.5 59.3

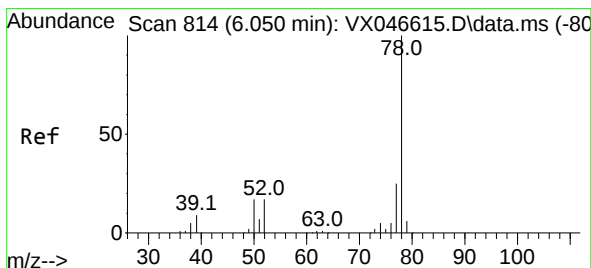
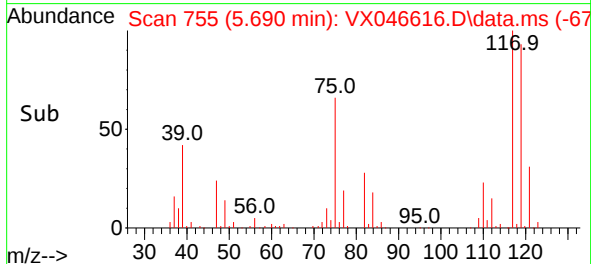
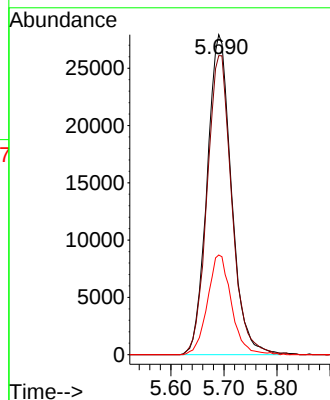
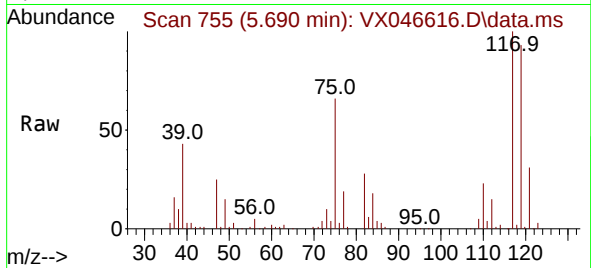




#33
Carbon Tetrachloride
Concen: 43.258 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

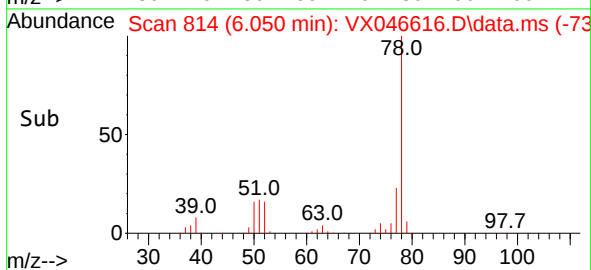
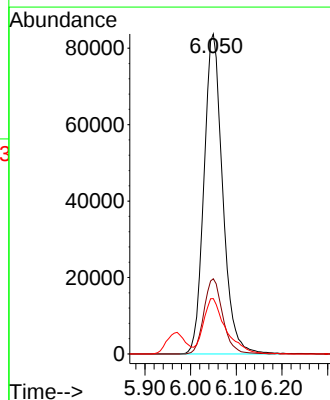
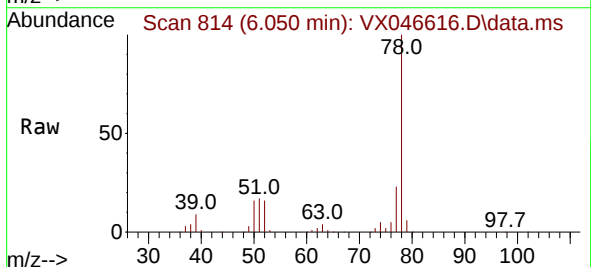
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

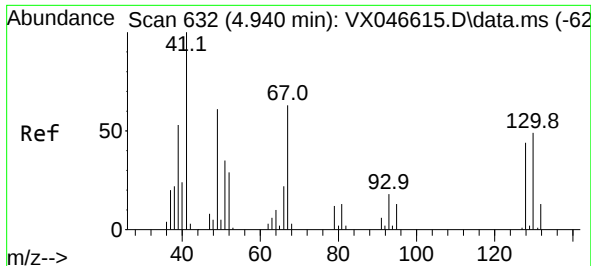
Tgt Ion:117 Resp: 88852
Ion Ratio Lower Upper
117 100
119 93.5 77.1 115.7
121 31.1 23.2 34.8



#34
Benzene
Concen: 38.717 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 78 Resp: 237672
Ion Ratio Lower Upper
78 100
77 23.5 19.8 29.8
51 17.2 14.7 22.1

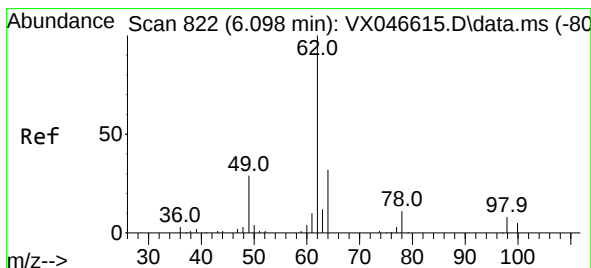
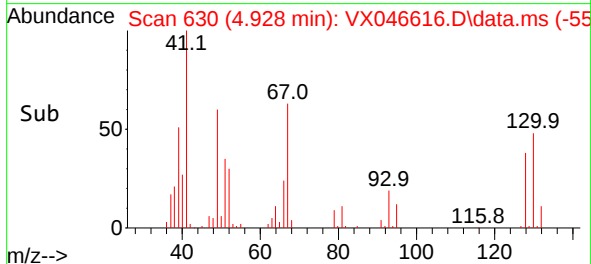
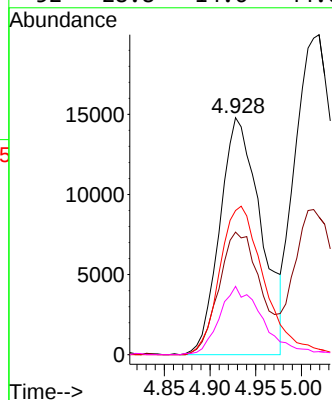
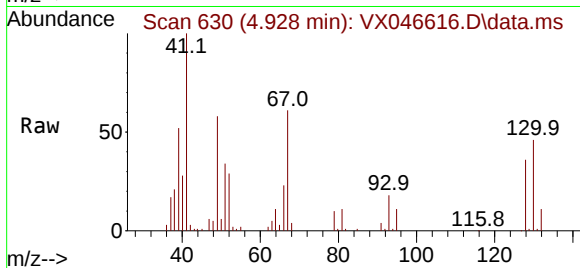




#35
Methacrylonitrile
Concen: 38.894 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

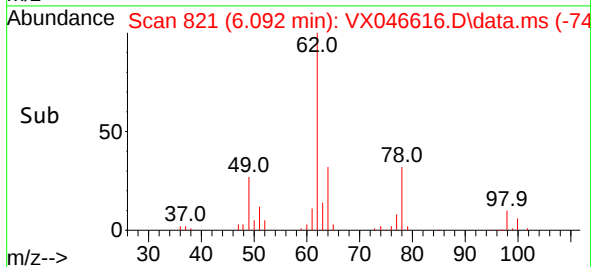
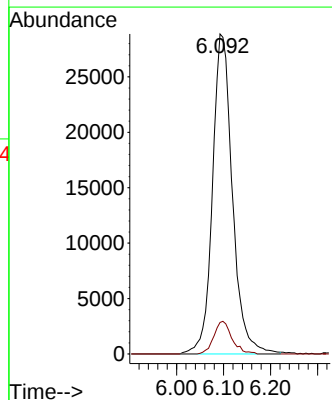
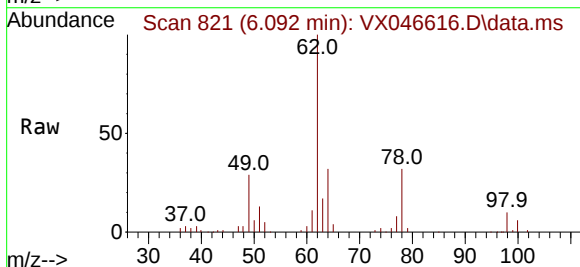
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

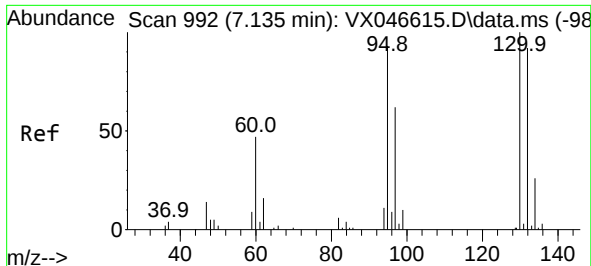
Tgt Ion: 41 Resp: 46275
Ion Ratio Lower Upper
41 100
39 51.8 26.4 79.2
67 60.8 31.4 94.3
52 28.8 14.6 44.0



#36
1,2-Dichloroethane
Concen: 39.499 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 62 Resp: 84980
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7





#37

Trichloroethene

Concen: 42.532 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

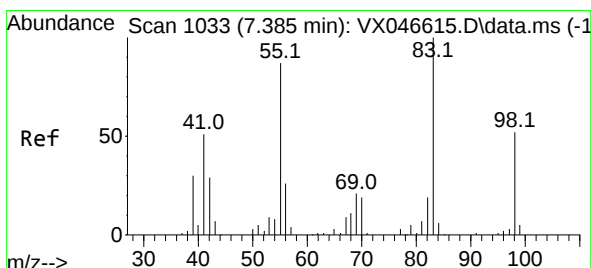
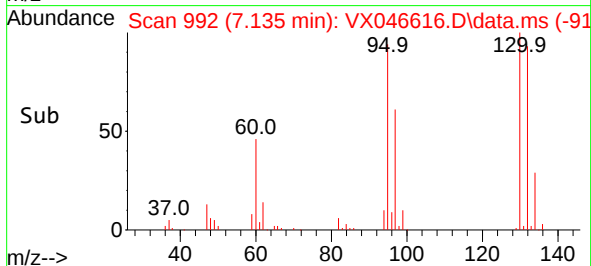
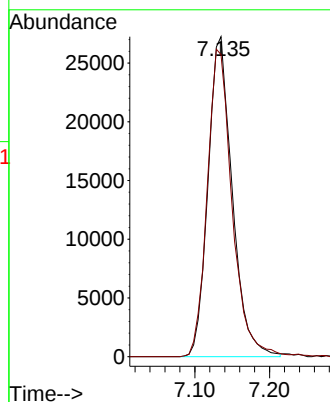
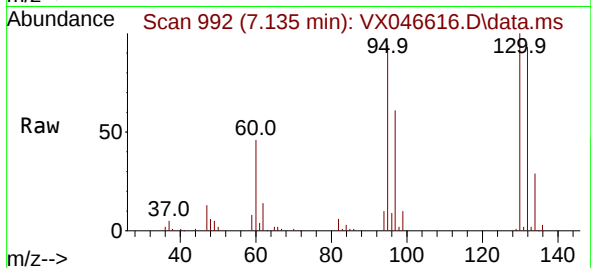
VSTDIC050

Tgt Ion:130 Resp: 61466

Ion Ratio Lower Upper

130 100

95 94.4 74.7 112.1



#38

Methylcyclohexane

Concen: 40.817 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

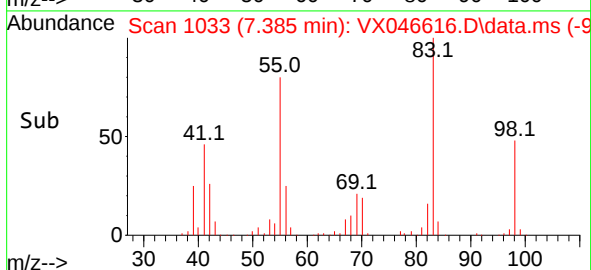
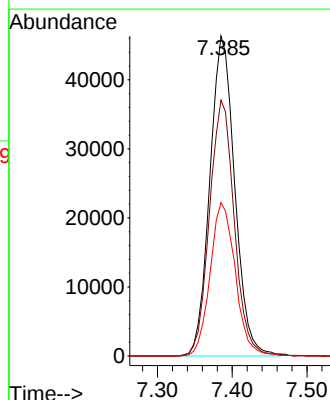
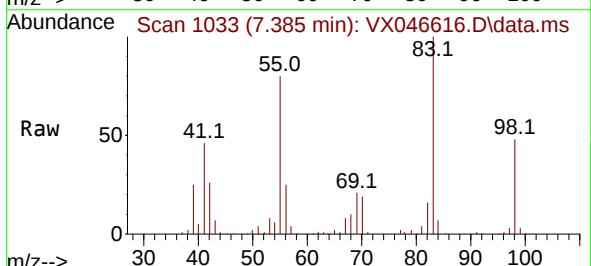
Tgt Ion: 83 Resp: 107594

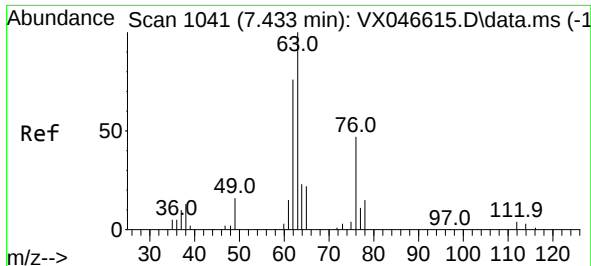
Ion Ratio Lower Upper

83 100

55 79.5 42.6 128.0

98 48.4 24.8 74.3





#39

1,2-Dichloropropane

Concen: 39.885 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

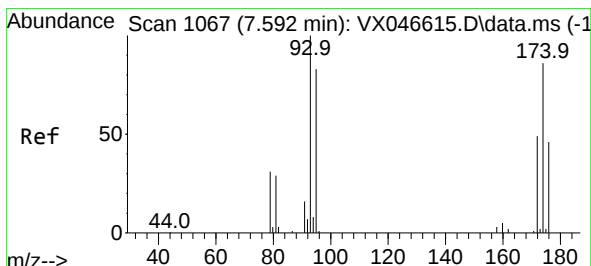
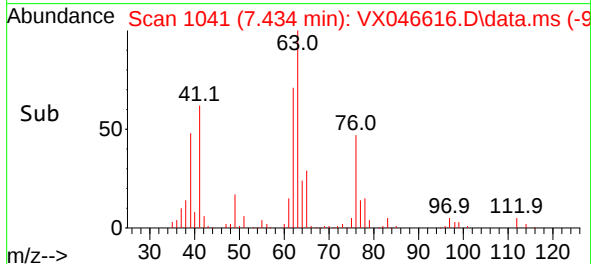
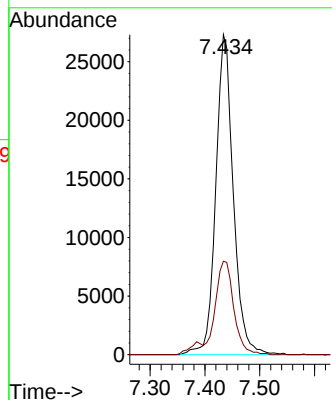
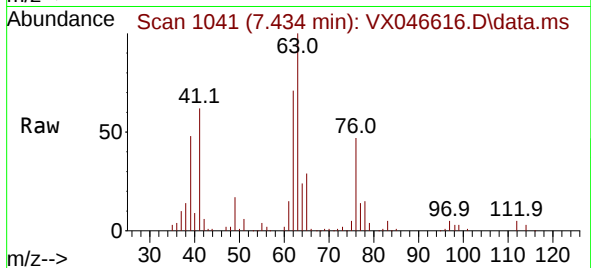
VSTDIC050

Tgt Ion: 63 Resp: 60670

Ion Ratio Lower Upper

63 100

65 29.2 21.5 32.3



#40

Dibromomethane

Concen: 40.463 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

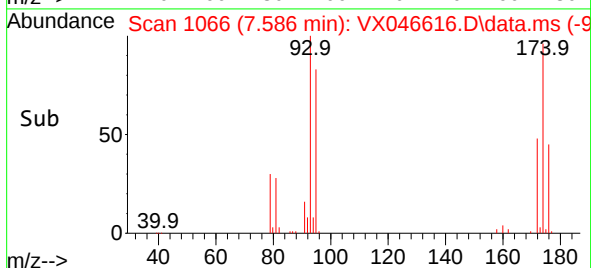
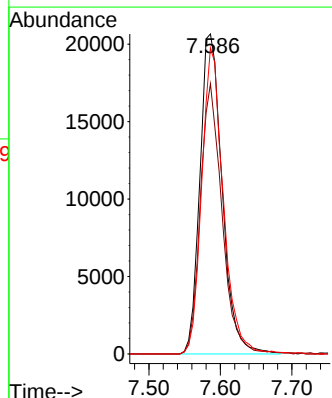
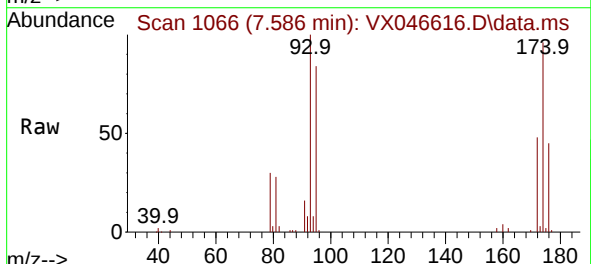
Tgt Ion: 93 Resp: 44659

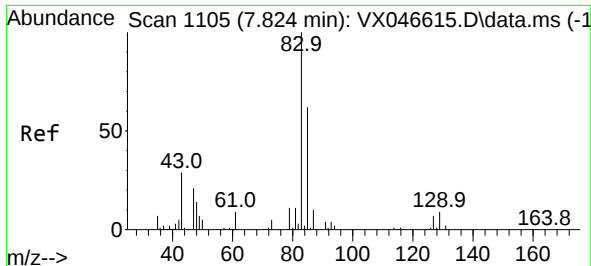
Ion Ratio Lower Upper

93 100

95 82.0 0.0 164.8

174 92.1 0.0 176.0

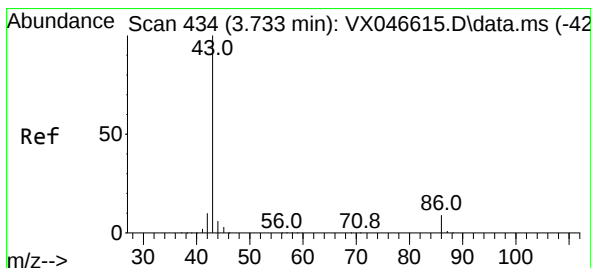
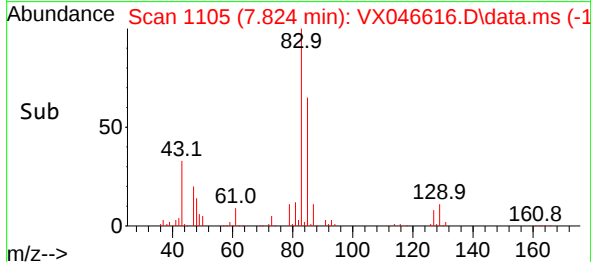
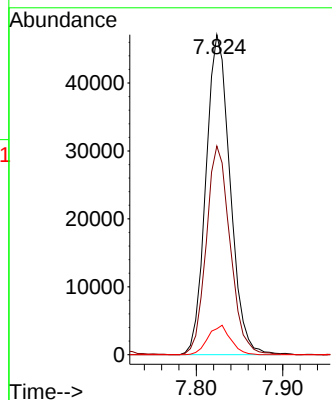
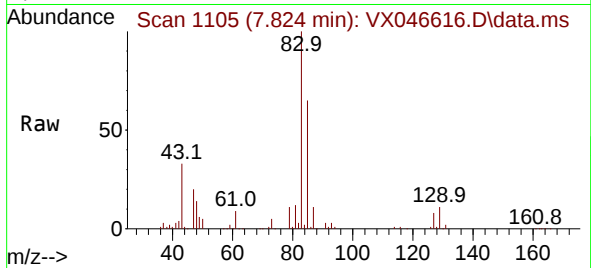




#41
Bromodichloromethane
Concen: 41.323 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

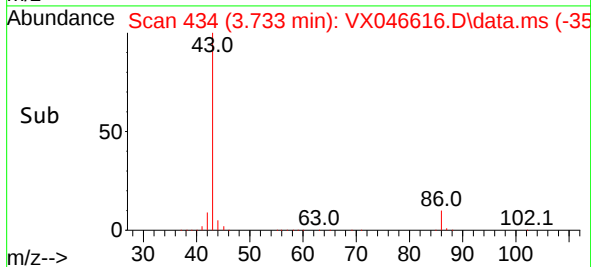
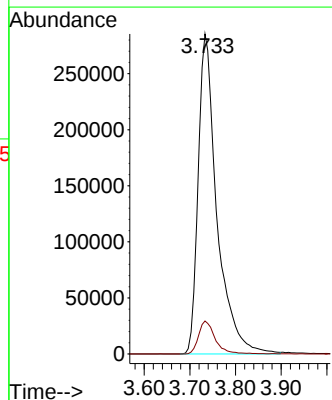
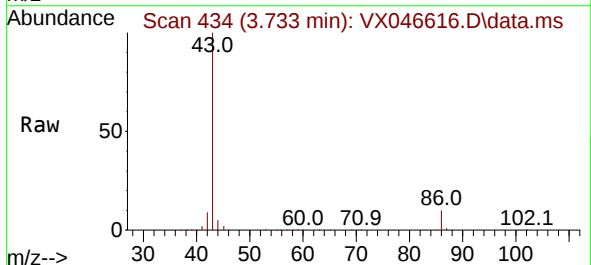
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

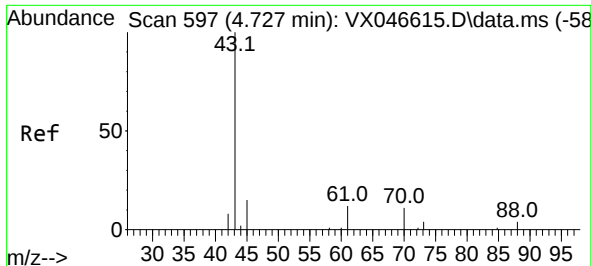
Tgt Ion: 83 Resp: 91514
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.1 5.5 8.3



#42
Vinyl Acetate
Concen: 191.071 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 43 Resp: 813088
Ion Ratio Lower Upper
43 100
86 9.1 6.4 9.6

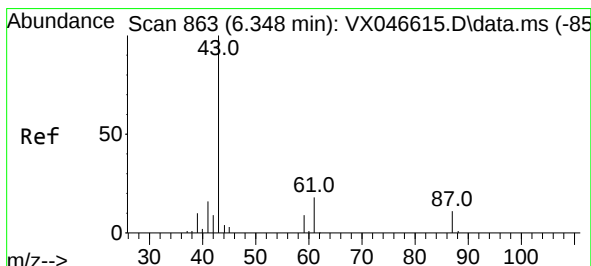
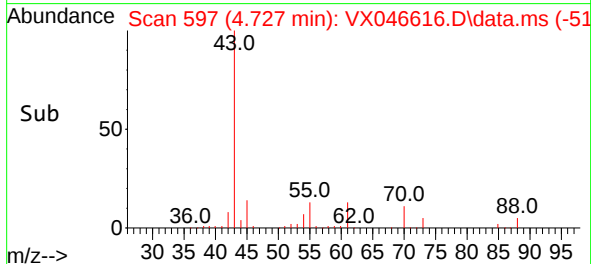
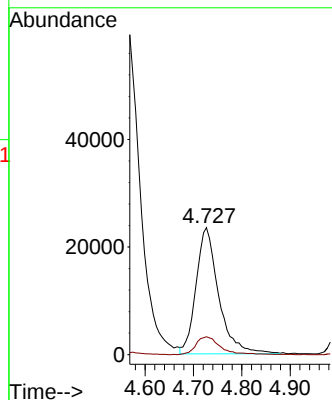
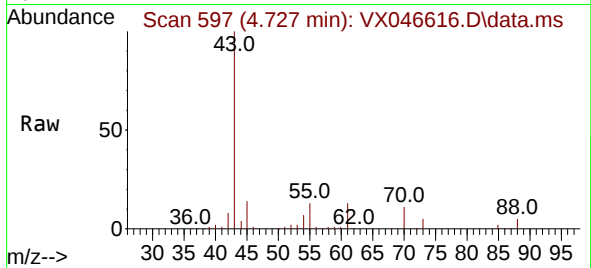




#43
Ethyl Acetate
Concen: 36.304 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

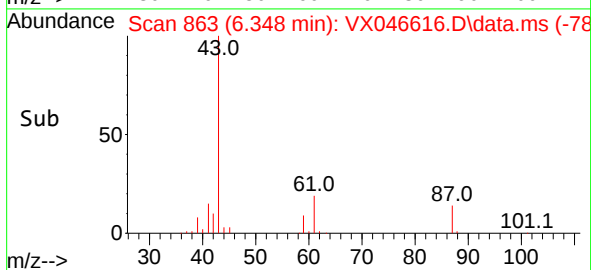
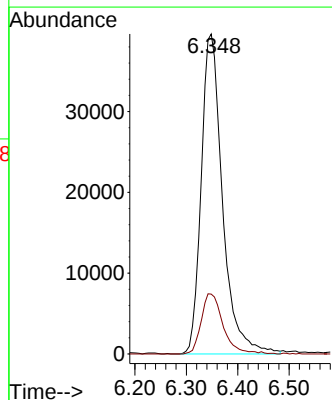
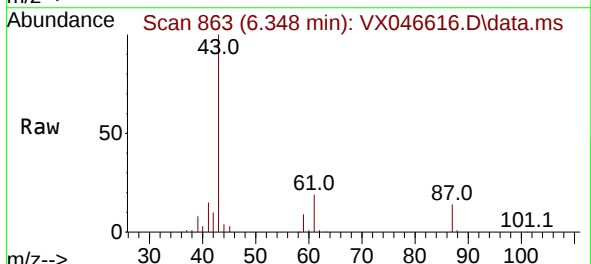
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

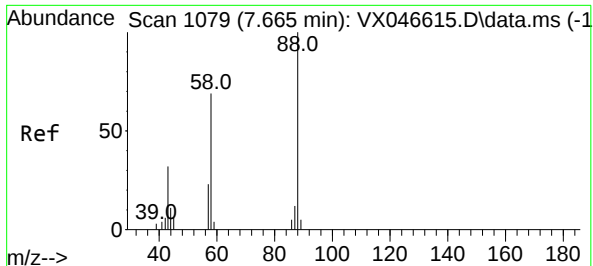
Tgt Ion: 43 Resp: 76175
Ion Ratio Lower Upper
43 100
45 14.3 7.9 11.9#



#44
Isopropyl Acetate
Concen: 33.274 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 43 Resp: 113962
Ion Ratio Lower Upper
43 100
61 18.9 15.0 22.4

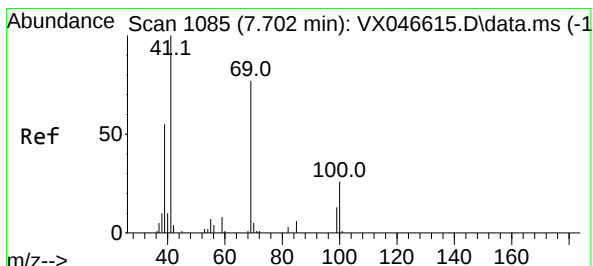
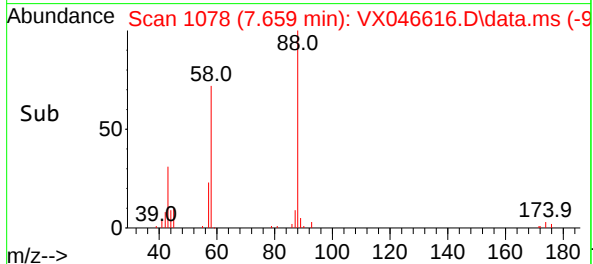
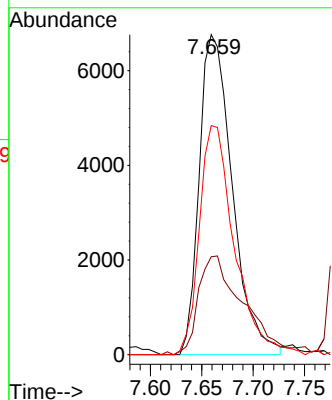
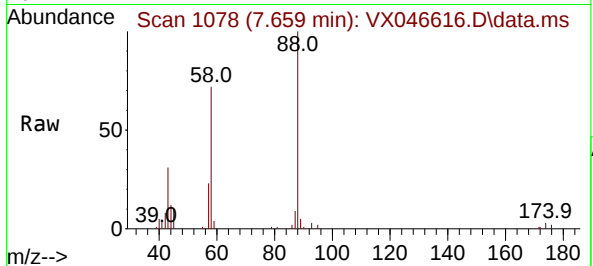




#45
1,4-Dioxane
Concen: 459.116 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

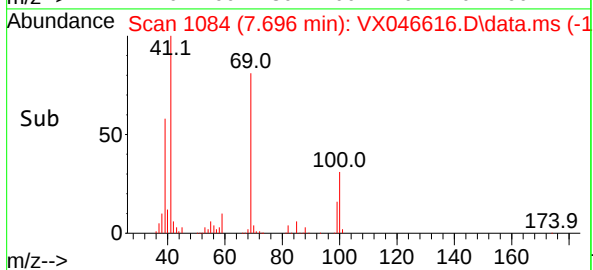
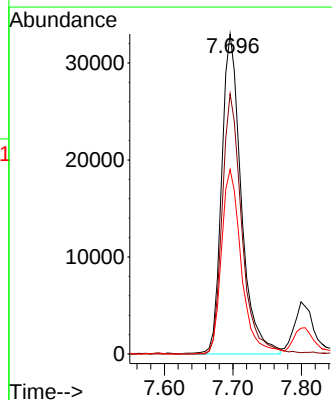
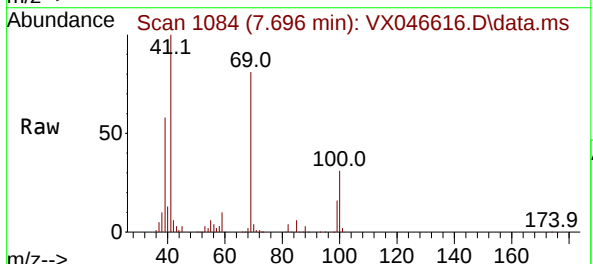
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

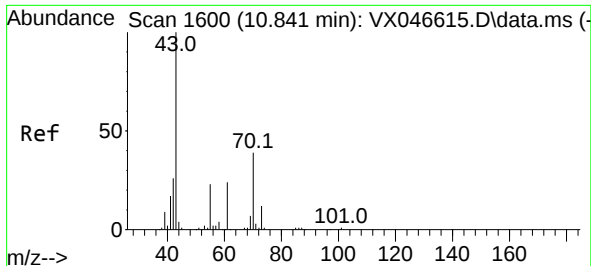
Tgt Ion: 88 Resp: 15163
Ion Ratio Lower Upper
88 100
43 40.9 21.6 32.4#
58 75.6 60.8 91.2



#46
Methyl methacrylate
Concen: 38.115 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 41 Resp: 65423
Ion Ratio Lower Upper
41 100
69 81.3 38.7 116.1
39 57.7 27.7 83.1

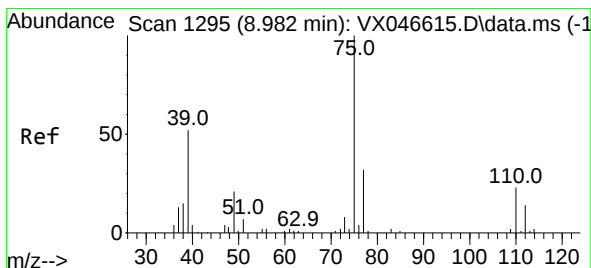
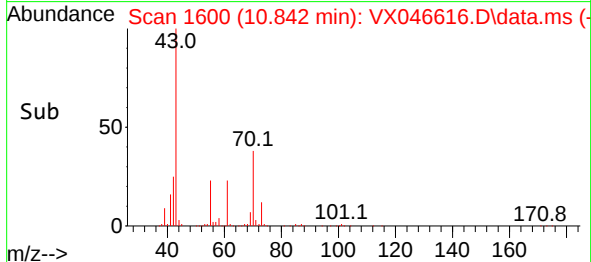
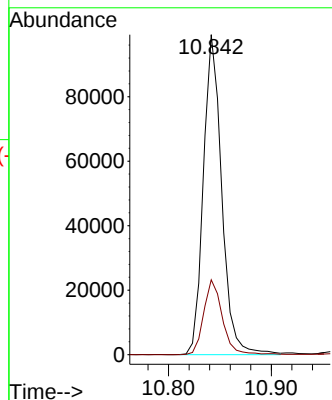
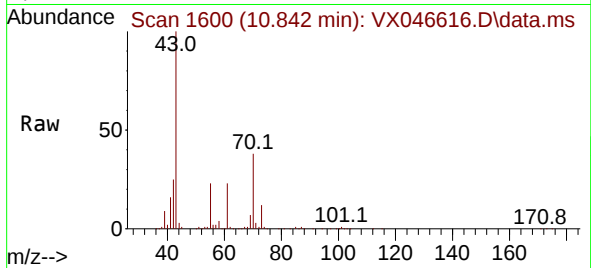




#47
n-amy1 Acetate
Concen: 42.227 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

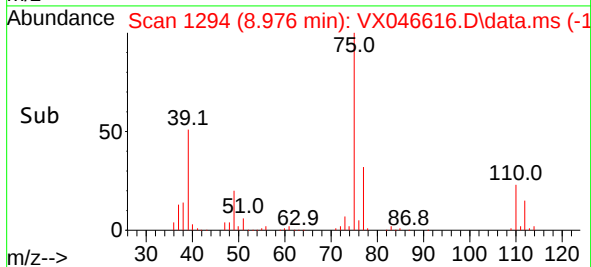
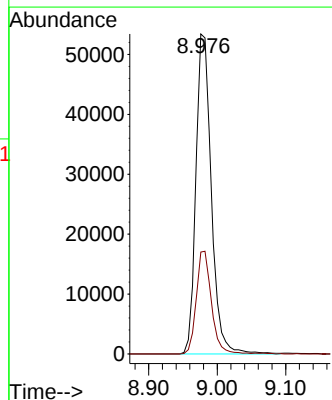
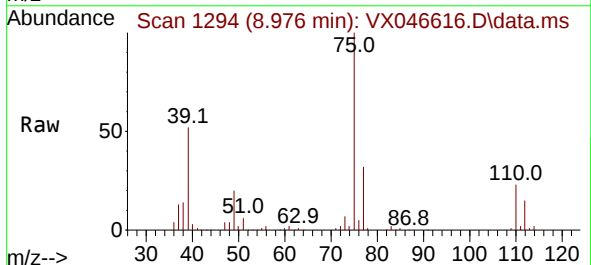
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

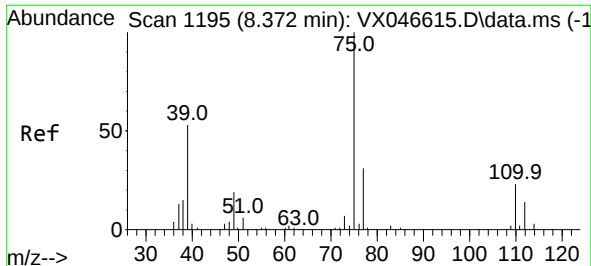
Tgt Ion: 43 Resp: 123546
Ion Ratio Lower Upper
43 100
55 23.6 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 39.844 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 75 Resp: 83937
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 39.526 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

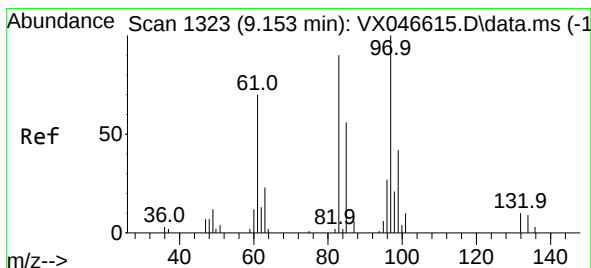
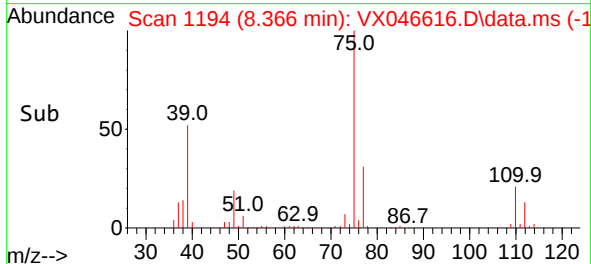
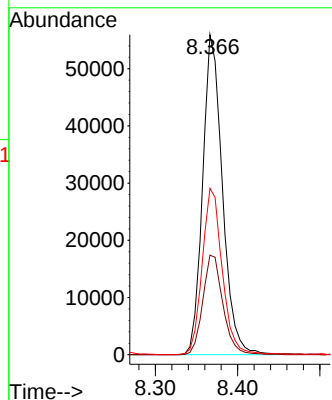
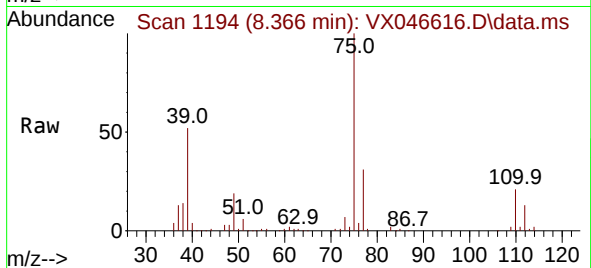
Tgt Ion: 75 Resp: 93527

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 51.8 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 41.067 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Tgt Ion: 97 Resp: 58480

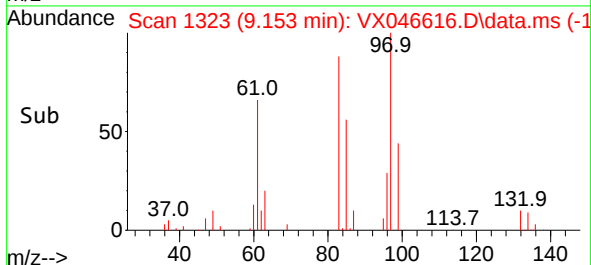
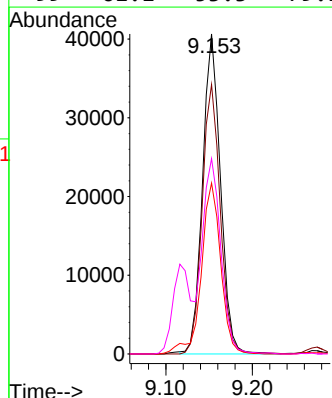
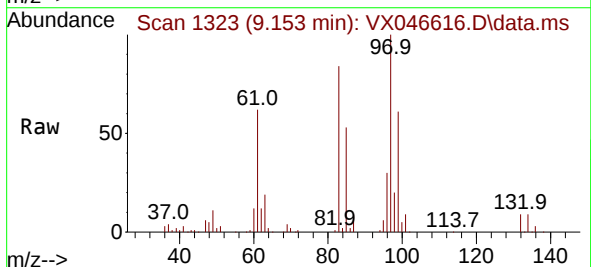
Ion Ratio Lower Upper

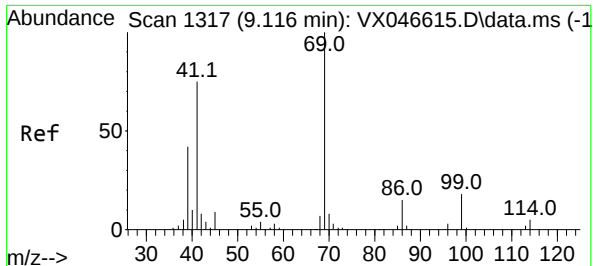
97 100

83 84.2 72.1 108.1

85 53.4 47.5 71.3

99 61.1 53.3 79.9

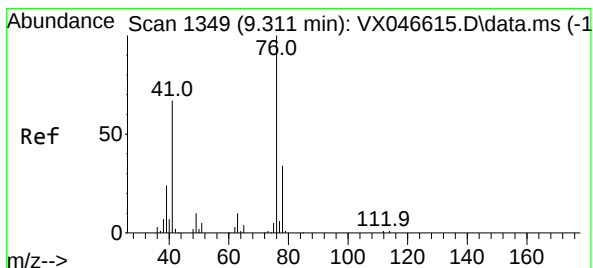
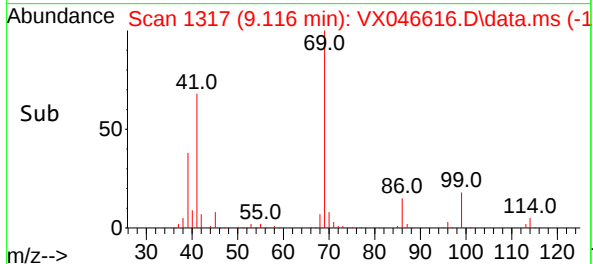
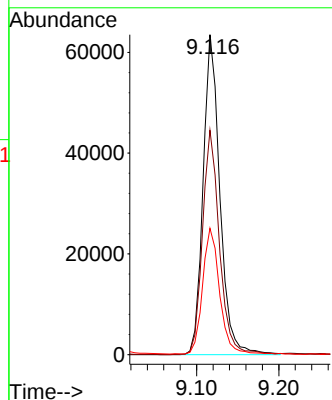
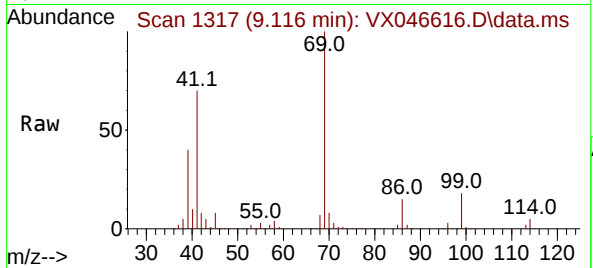




#51
Ethyl methacrylate
Concen: 40.129 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

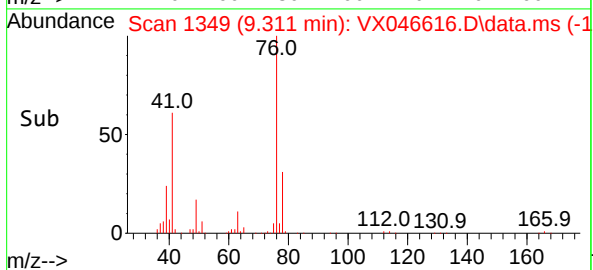
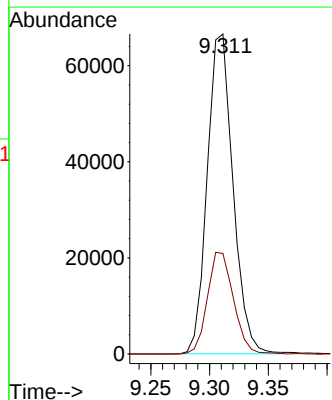
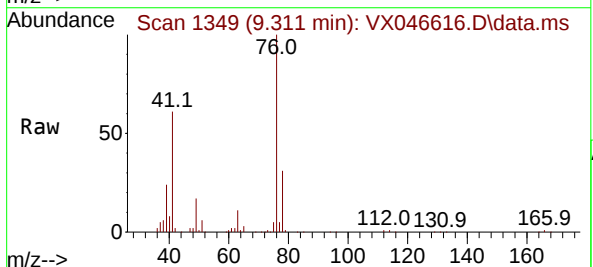
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

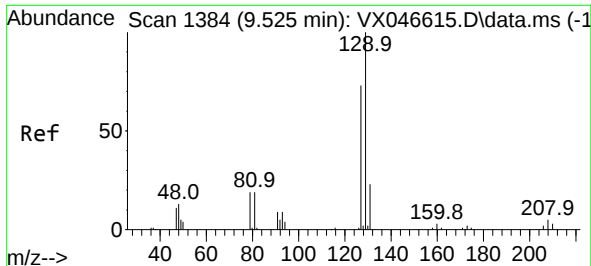
Tgt Ion: 69 Resp: 90255
Ion Ratio Lower Upper
69 100
41 70.0 37.4 112.2
39 39.3 20.8 62.5



#52
1,3-Dichloropropane
Concen: 40.566 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 76 Resp: 101492
Ion Ratio Lower Upper
76 100
78 32.0 0.0 62.6

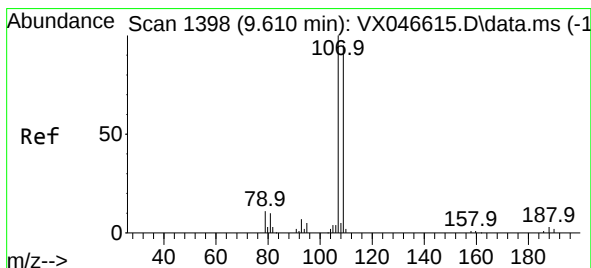
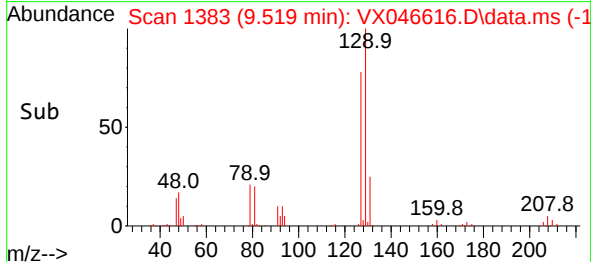
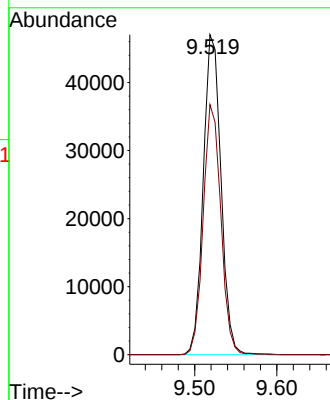
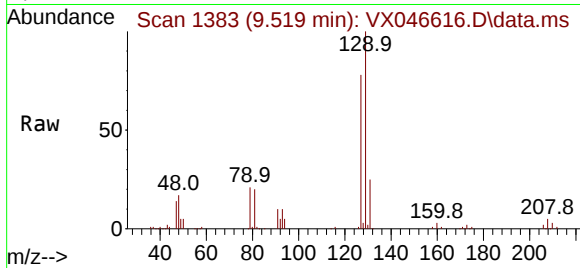




#53
Dibromochloromethane
Concen: 44.108 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

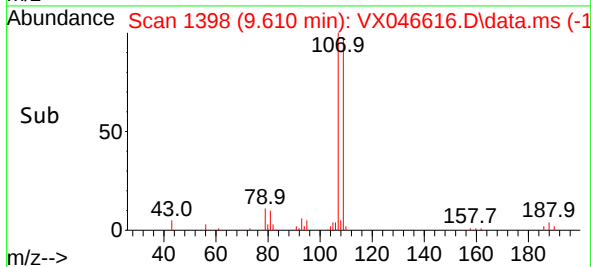
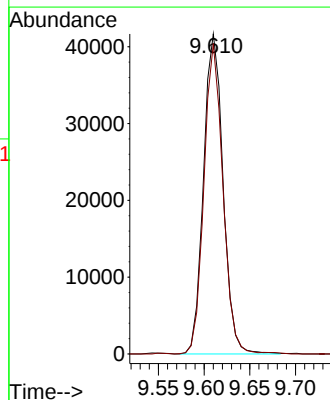
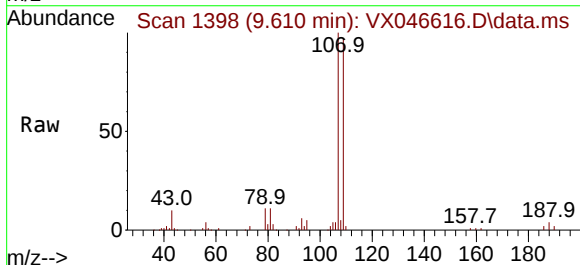
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

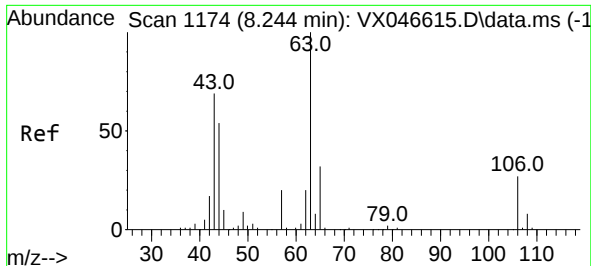
Tgt Ion:129 Resp: 70368
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9



#54
1,2-Dibromoethane
Concen: 42.444 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion:107 Resp: 61792
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8

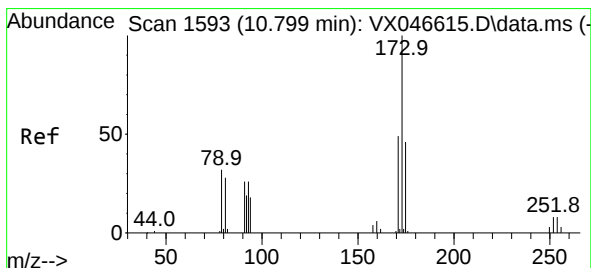
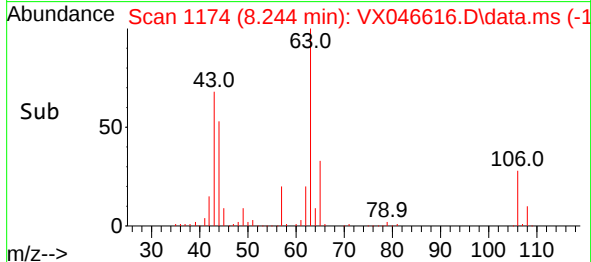
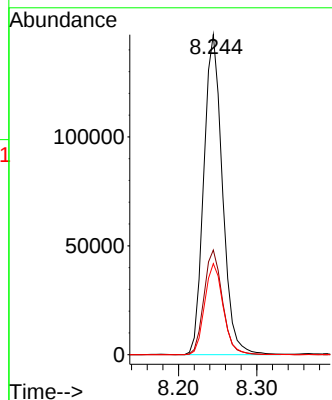
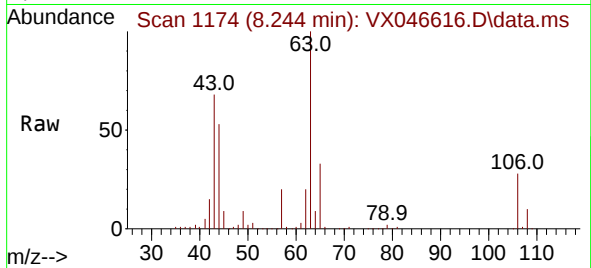




#55
2-Chloroethyl vinyl ether
Concen: 209.277 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

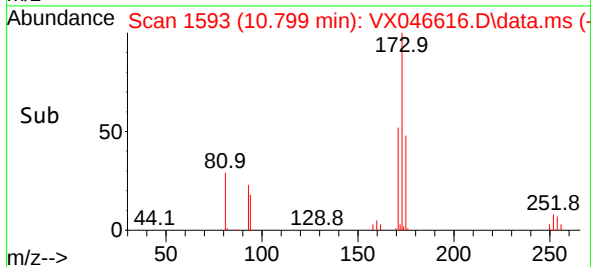
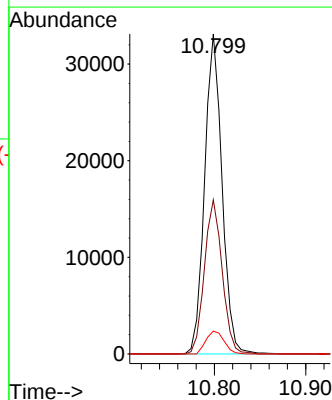
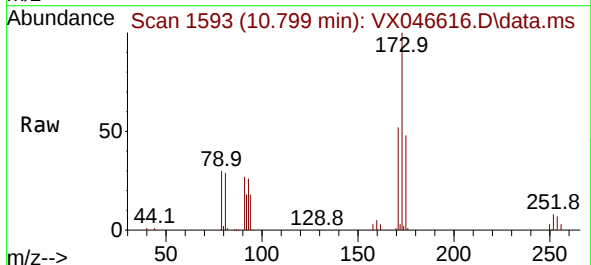
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

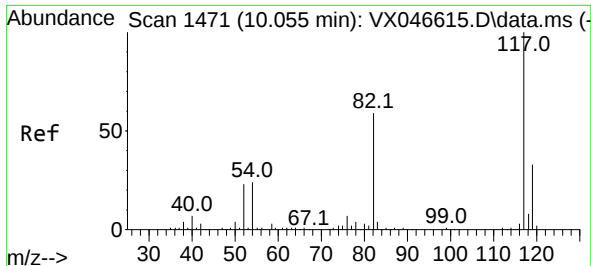
Tgt Ion: 63 Resp: 242780
Ion Ratio Lower Upper
63 100
65 32.3 25.2 37.8
106 28.3 21.8 32.6



#56
Bromoform
Concen: 43.391 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 173 Resp: 43675
Ion Ratio Lower Upper
173 100
175 49.2 38.0 57.0
254 7.5 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

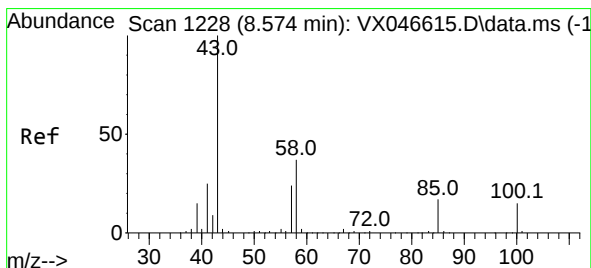
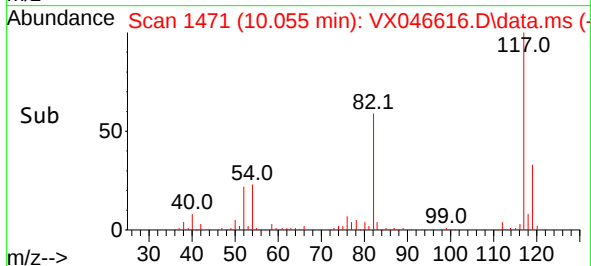
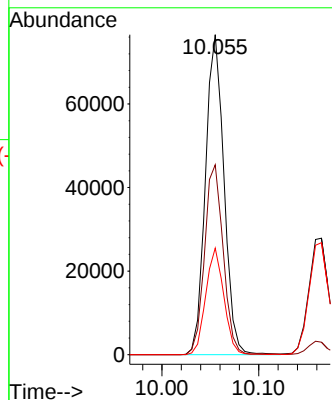
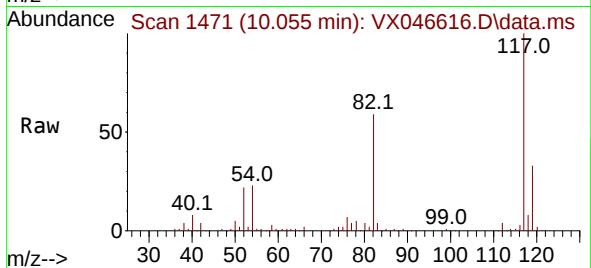
Tgt Ion:117 Resp: 102388

Ion Ratio Lower Upper

117 100

82 59.6 46.5 69.7

119 32.5 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 173.732 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

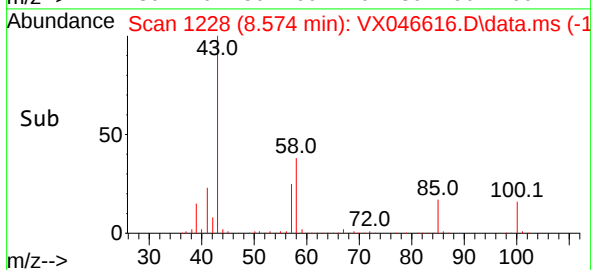
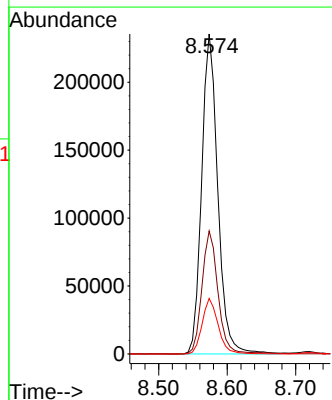
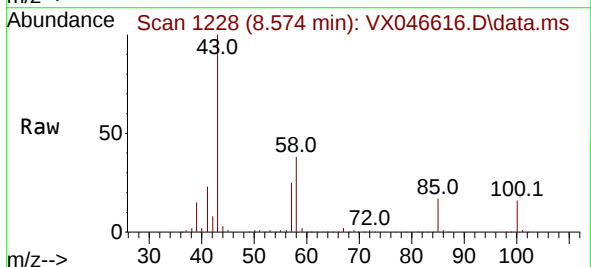
Tgt Ion: 43 Resp: 385957

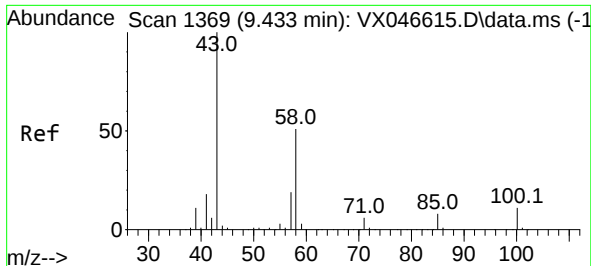
Ion Ratio Lower Upper

43 100

58 37.9 29.4 44.2

85 17.3 13.3 19.9





#59

2-Hexanone

Concen: 179.309 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

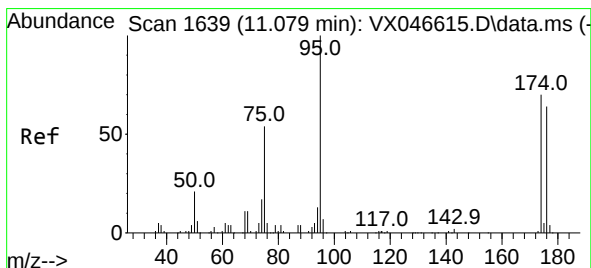
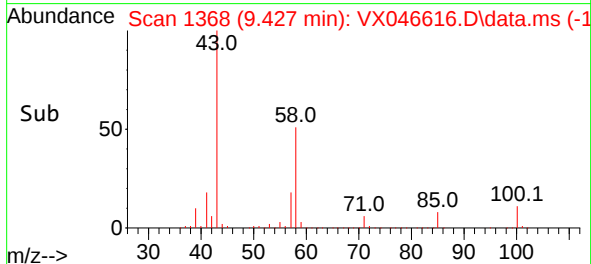
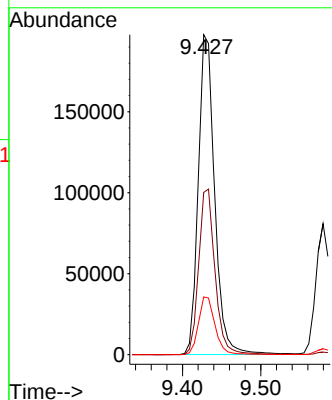
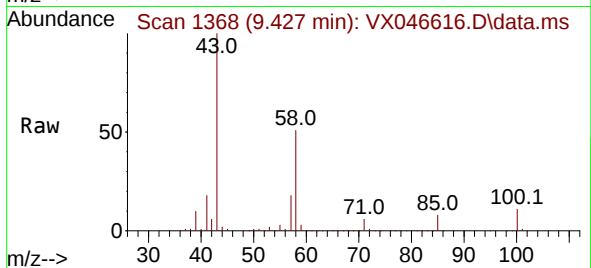
Tgt Ion: 43 Resp: 287325

Ion Ratio Lower Upper

43 100

58 51.7 39.8 59.8

57 18.2 14.5 21.7



#60

4-Bromofluorobenzene

Concen: 27.535 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

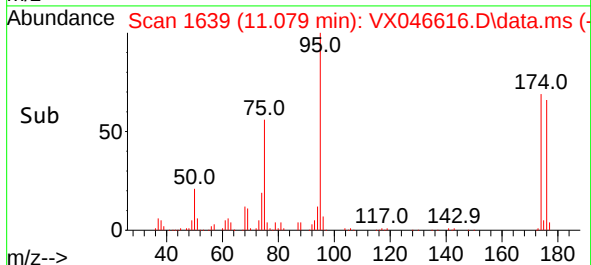
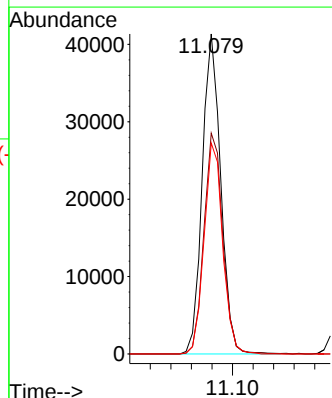
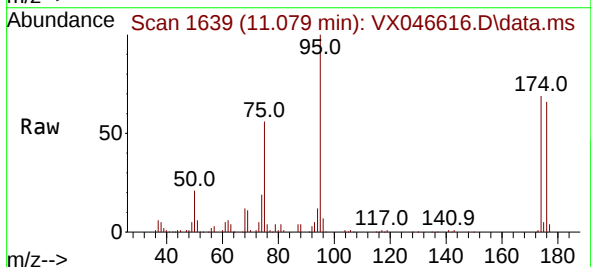
Tgt Ion: 95 Resp: 51686

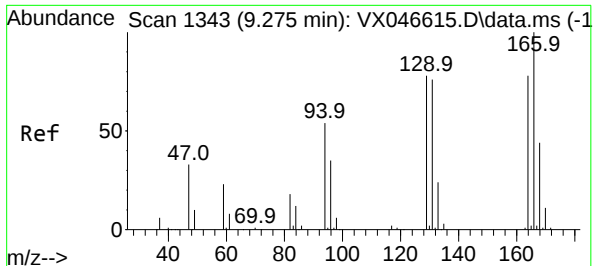
Ion Ratio Lower Upper

95 100

174 70.5 56.0 84.0

176 66.3 52.2 78.4

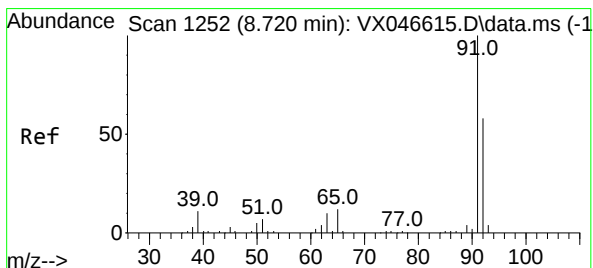
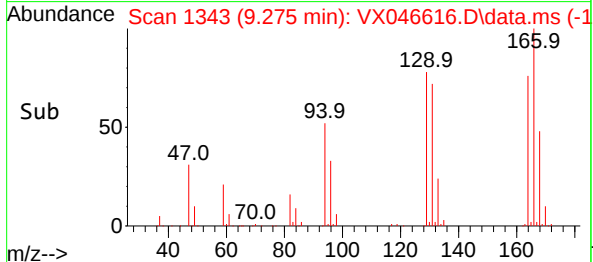
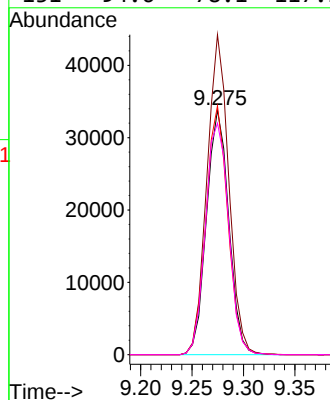
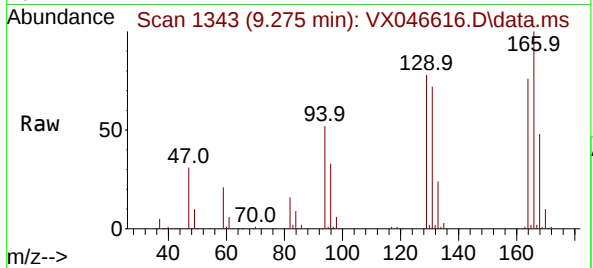




#61
Tetrachloroethene
Concen: 41.220 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

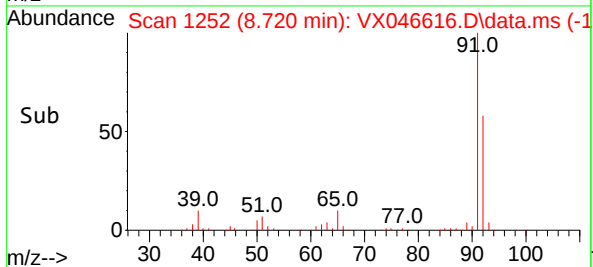
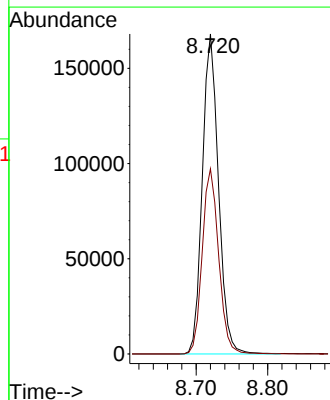
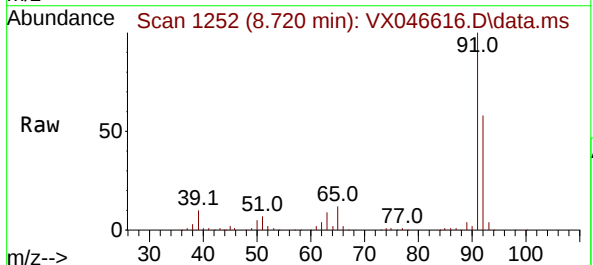
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

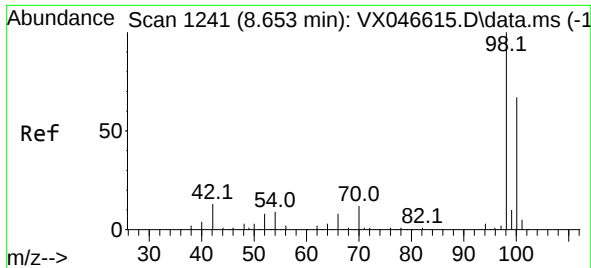
Tgt Ion:164 Resp: 50960
Ion Ratio Lower Upper
164 100
166 130.8 103.1 154.7
129 101.7 80.3 120.5
131 94.6 78.1 117.1



#62
Toluene
Concen: 39.653 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 91 Resp: 263456
Ion Ratio Lower Upper
91 100
92 58.9 46.8 70.2

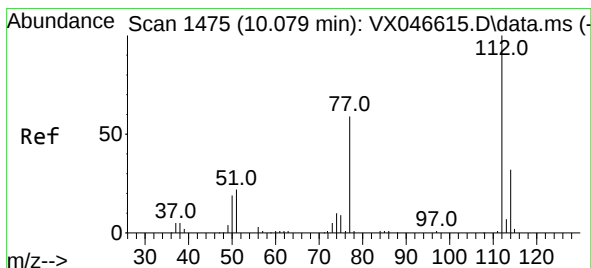
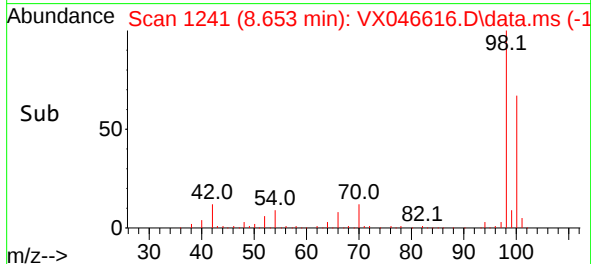
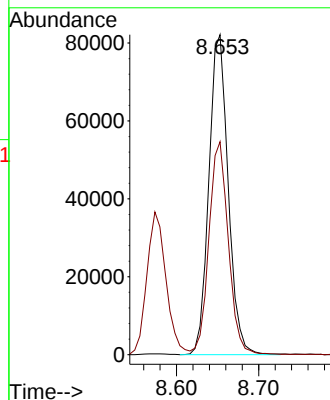
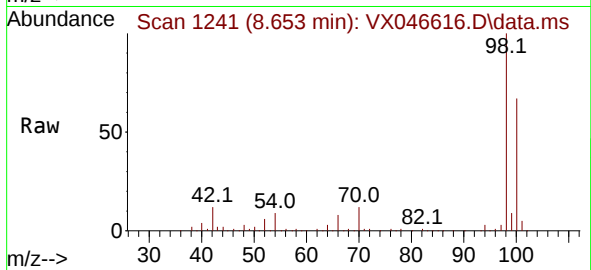




#63
Toluene-d8
Concen: 24.564 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

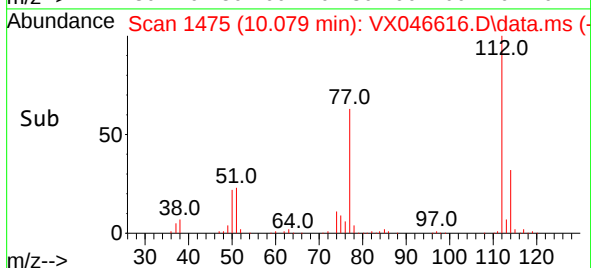
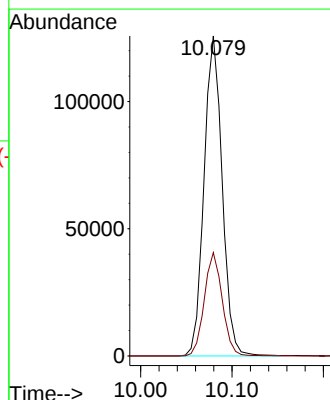
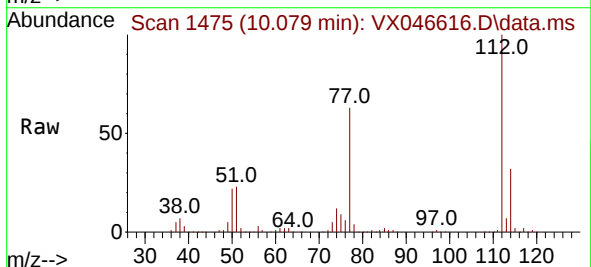
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

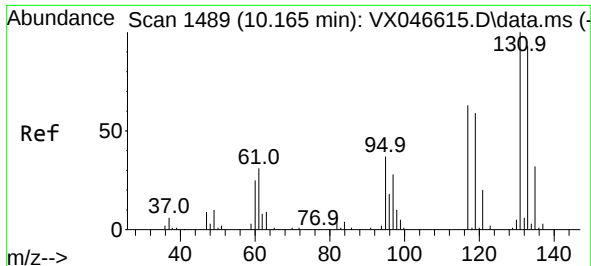
Tgt Ion: 98 Resp: 133859
Ion Ratio Lower Upper
98 100
100 66.9 52.6 79.0



#64
Chlorobenzene
Concen: 41.967 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 112 Resp: 173096
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

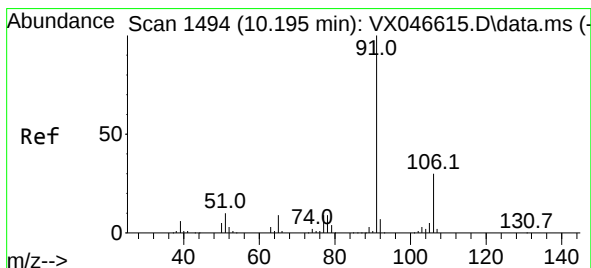
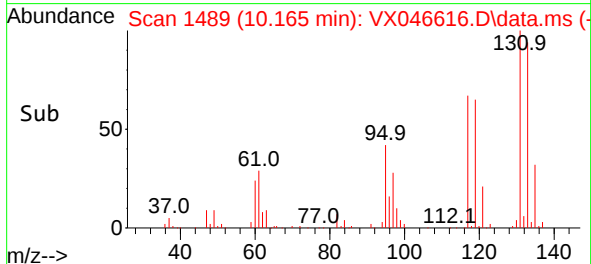
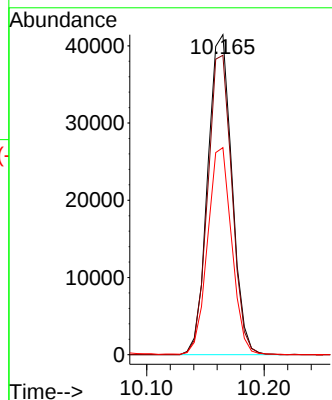
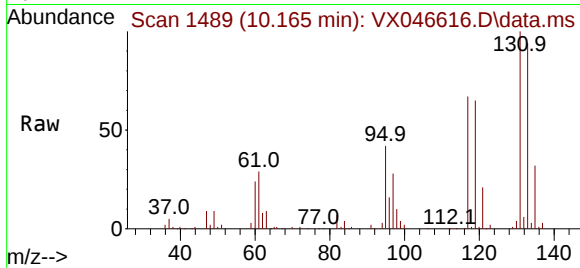




#65
1,1,1,2-Tetrachloroethane
Concen: 43.293 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

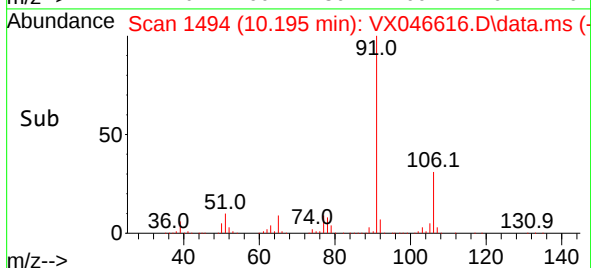
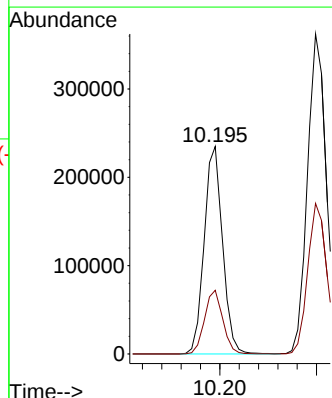
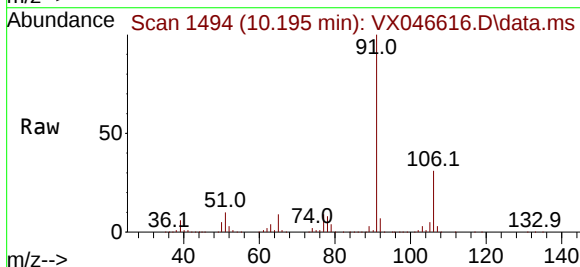
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

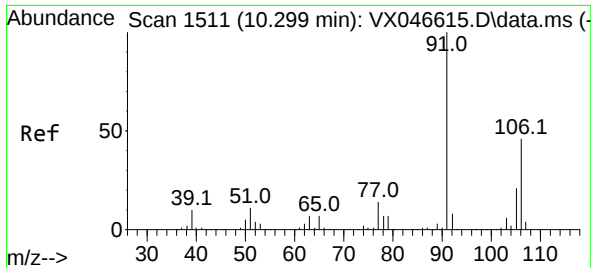
Tgt Ion:131 Resp: 59332
Ion Ratio Lower Upper
131 100
133 93.8 0.0 190.6
119 64.5 0.0 131.2



#66
Ethyl Benzene
Concen: 42.368 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 91 Resp: 310680
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

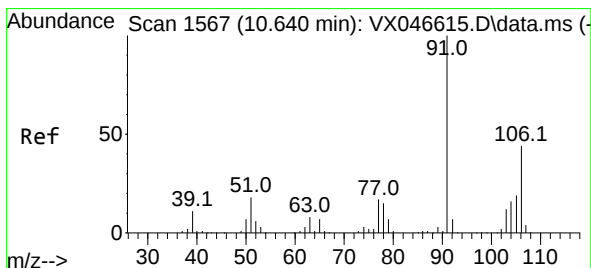
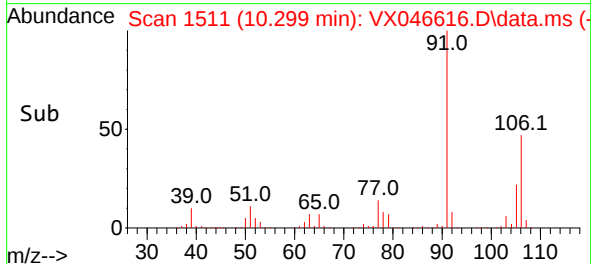
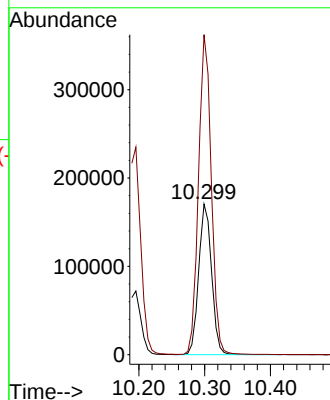
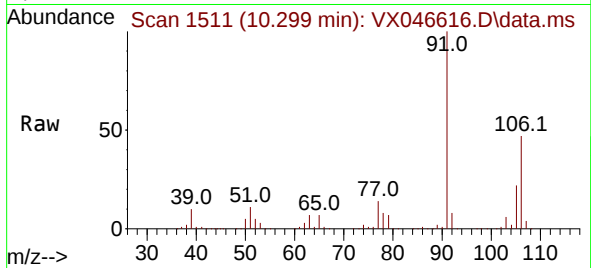




#67
m/p-Xylenes
Concen: 85.802 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

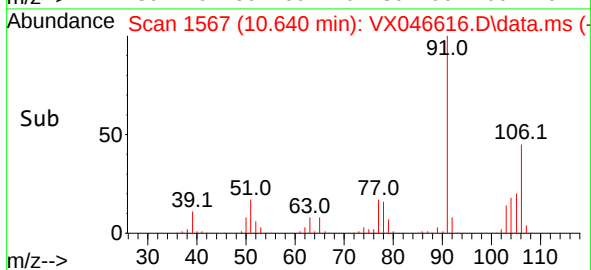
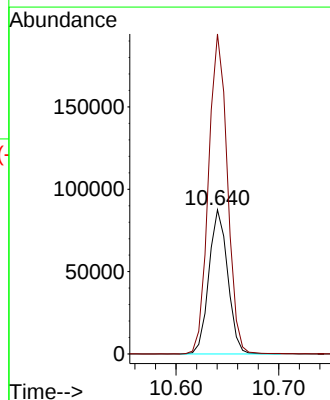
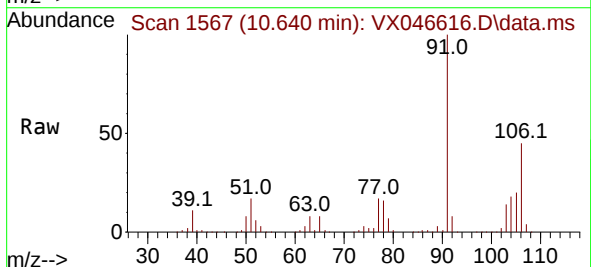
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

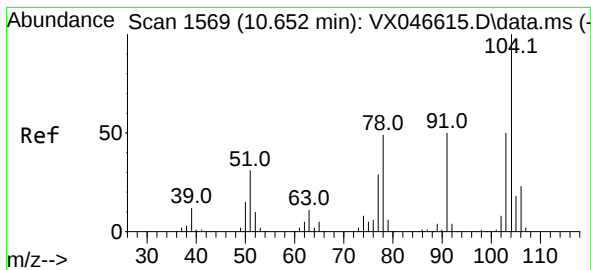
Tgt Ion:106 Resp: 232571
Ion Ratio Lower Upper
106 100
91 209.8 171.5 257.3



#68
o-Xylene
Concen: 42.006 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion:106 Resp: 111285
Ion Ratio Lower Upper
106 100
91 222.0 112.3 336.9





#69

Styrene

Concen: 42.379 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

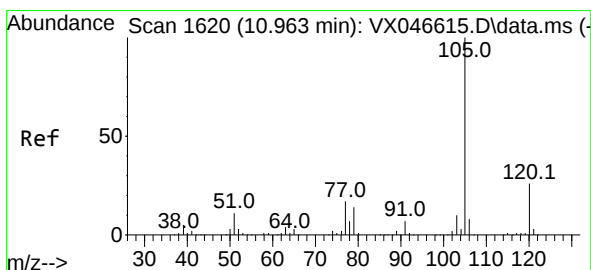
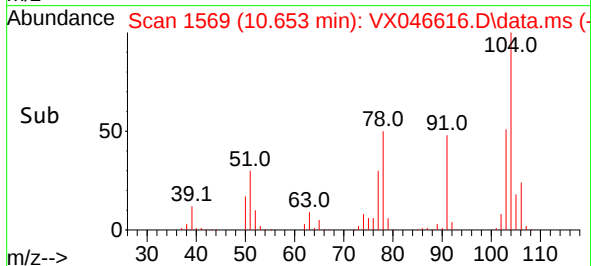
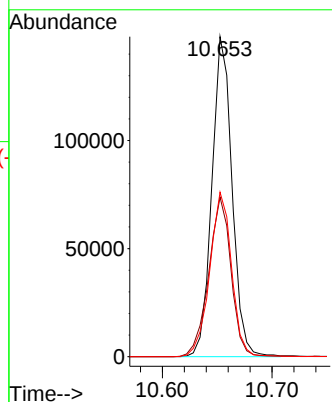
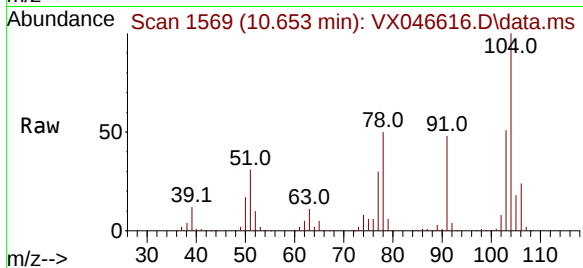
Tgt Ion:104 Resp: 189444

Ion Ratio Lower Upper

104 100

78 55.3 43.1 64.7

103 55.4 42.9 64.3



#70

Isopropylbenzene

Concen: 43.202 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX046616.D

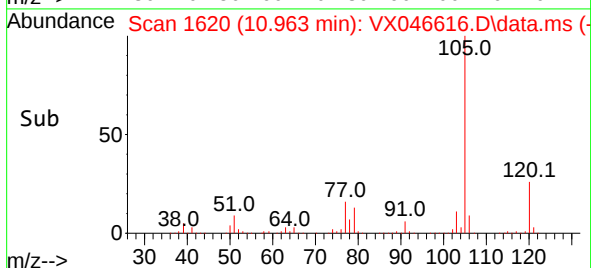
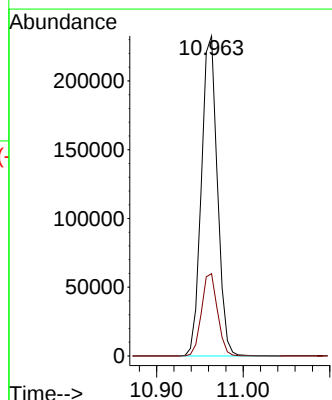
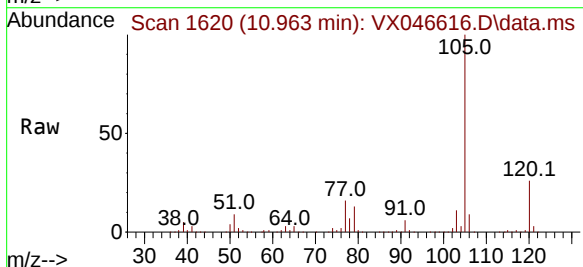
Acq: 10 Jun 2025 21:01

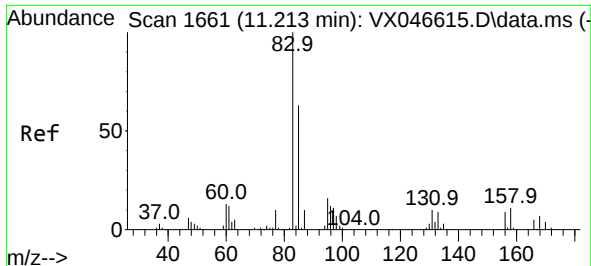
Tgt Ion:105 Resp: 297820

Ion Ratio Lower Upper

105 100

120 25.8 18.1 33.5

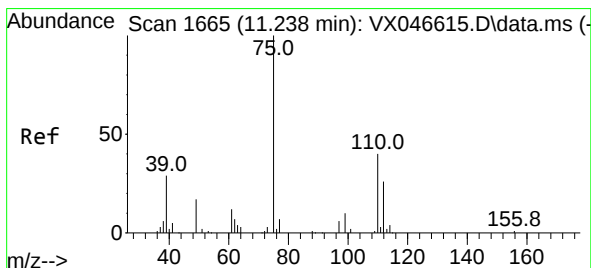
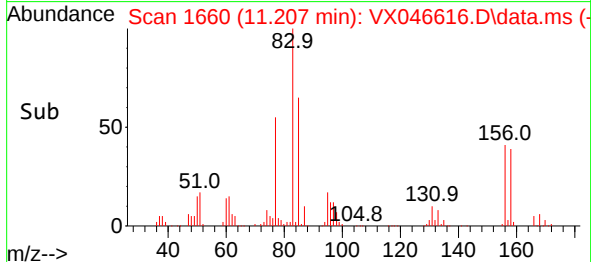
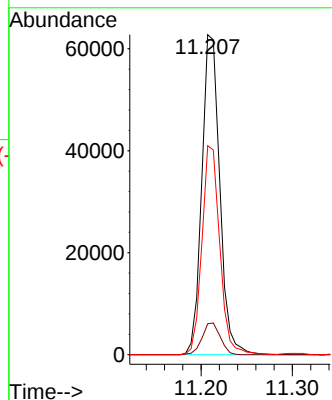
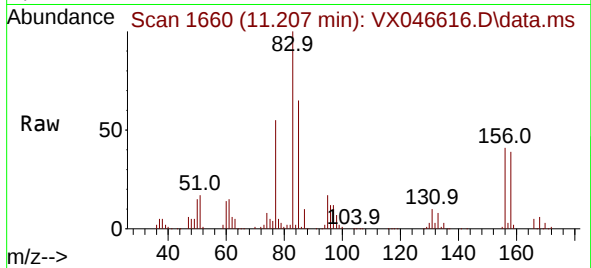




#71
1,1,2,2-Tetrachloroethane
Concen: 38.320 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

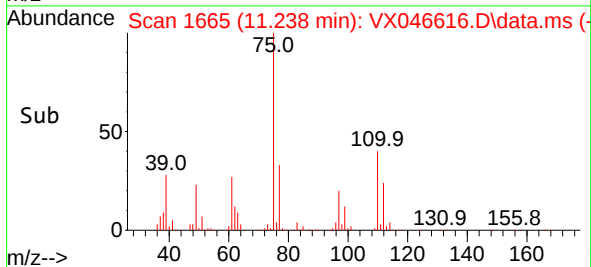
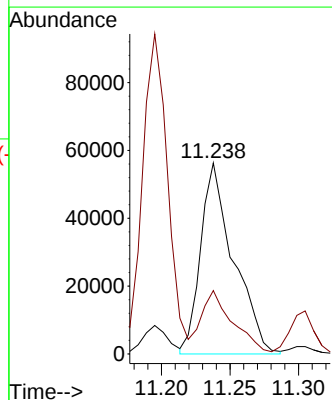
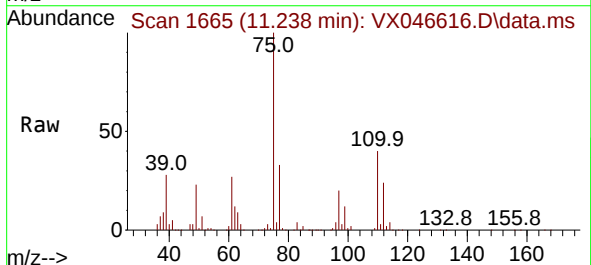
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

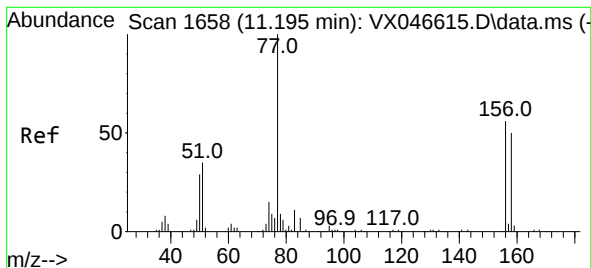
Tgt Ion: 83 Resp: 85664
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.7 31.5 94.5



#72
1,2,3-Trichloropropane
Concen: 51.170 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 75 Resp: 94368
Ion Ratio Lower Upper
75 100
77 31.9 0.0 82.6





#73

Bromobenzene

Concen: 43.109 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

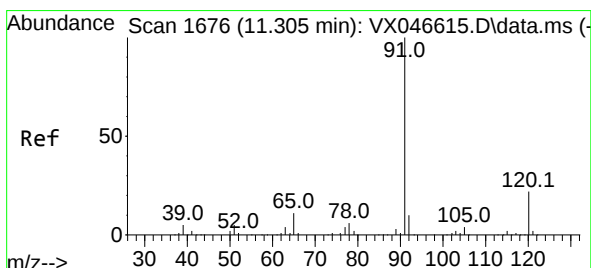
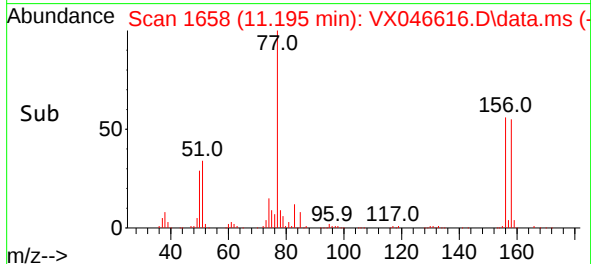
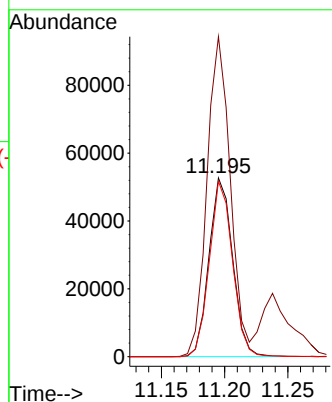
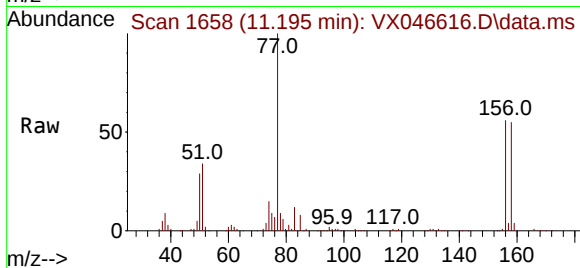
Tgt Ion:156 Resp: 68580

Ion Ratio Lower Upper

156 100

77 175.7 0.0 358.6

158 95.9 0.0 192.0



#74

n-propylbenzene

Concen: 43.482 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX046616.D

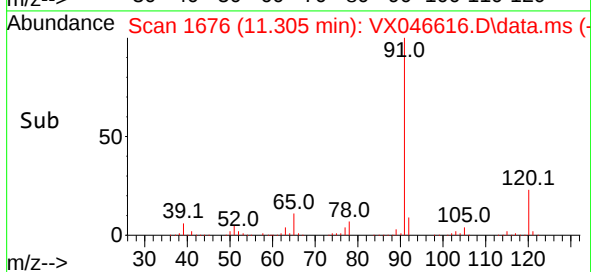
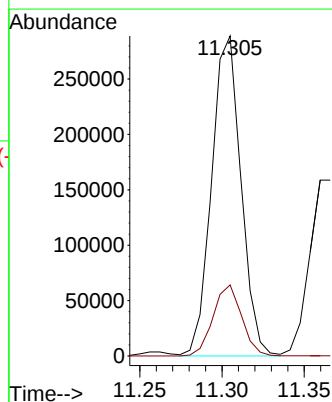
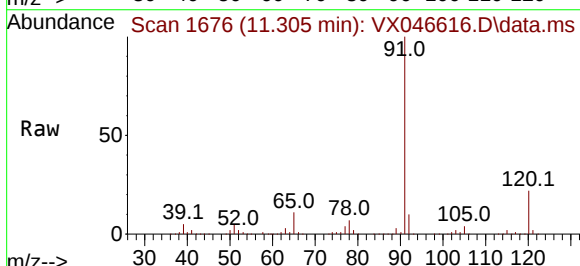
Acq: 10 Jun 2025 21:01

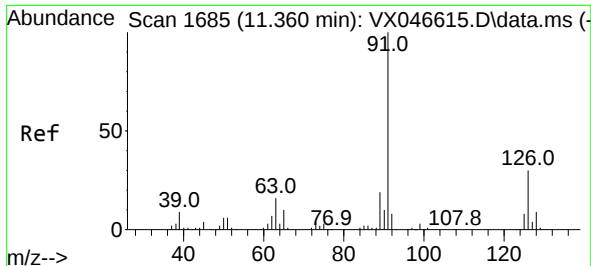
Tgt Ion: 91 Resp: 358912

Ion Ratio Lower Upper

91 100

120 21.5 0.0 43.8

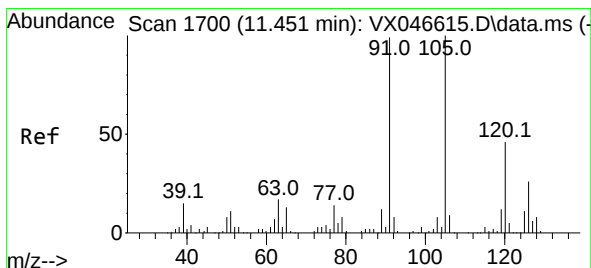
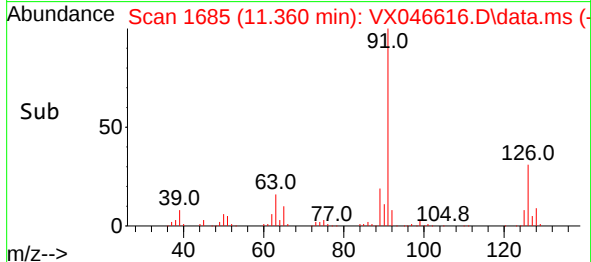
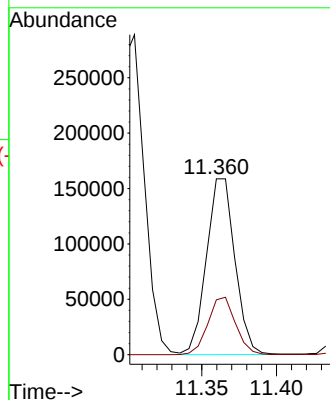
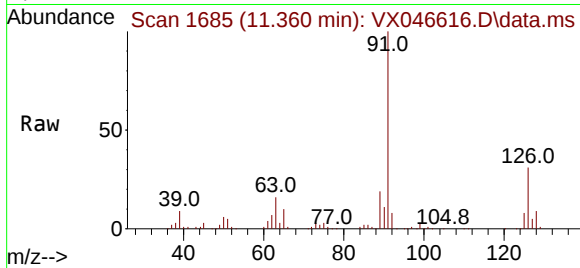




#75
2-Chlorotoluene
Concen: 42.431 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

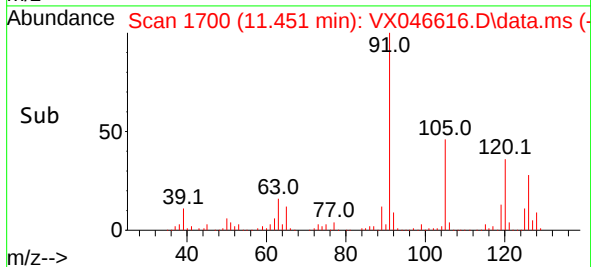
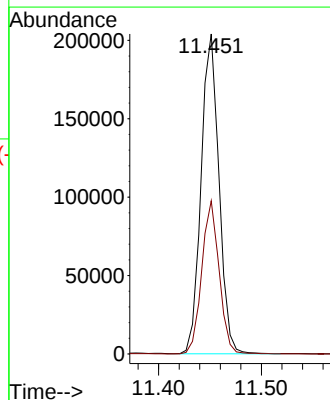
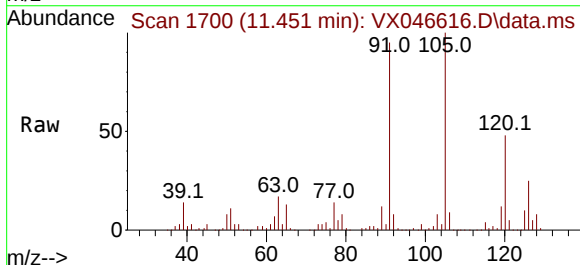
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

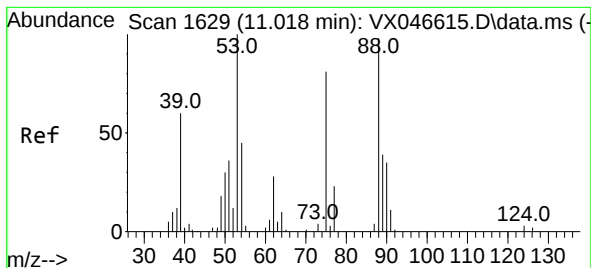
Tgt Ion: 91 Resp: 210797
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.0



#76
1,3,5-Trimethylbenzene
Concen: 43.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 105 Resp: 246843
Ion Ratio Lower Upper
105 100
120 46.4 0.0 92.8

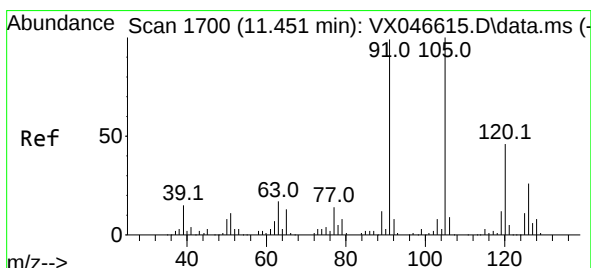
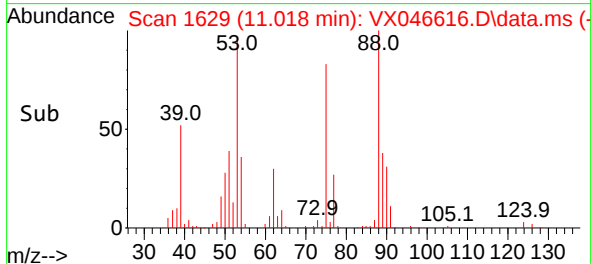
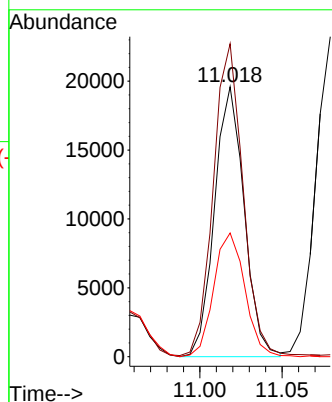
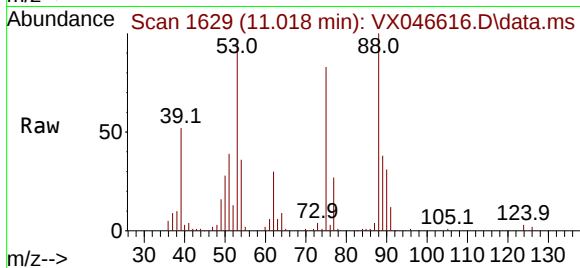




#77
t-1,4-Dichloro-2-butene
Concen: 39.135 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

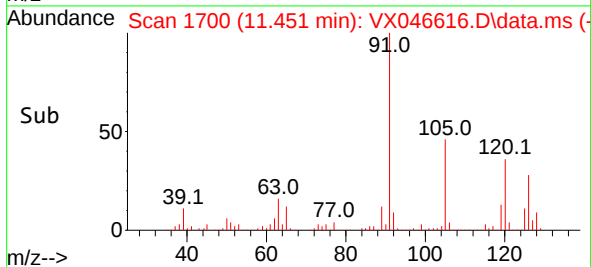
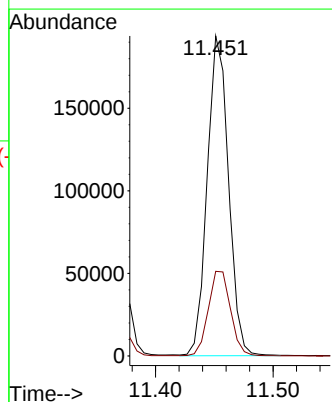
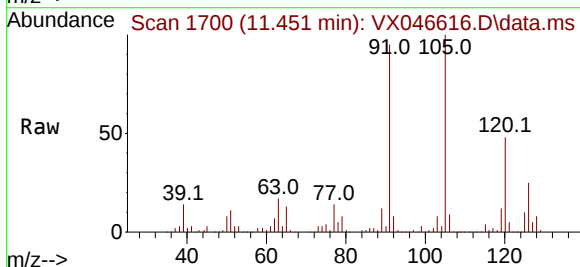
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

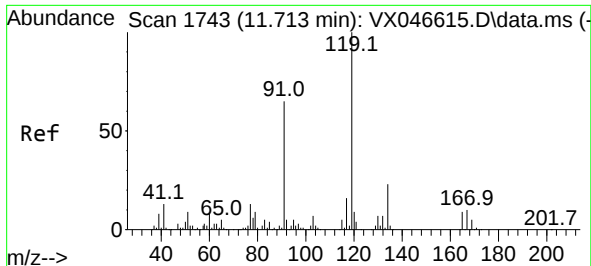
Tgt Ion: 75 Resp: 24547
Ion Ratio Lower Upper
75 100
53 115.6 61.9 185.7
89 45.8 24.0 72.0



#78
4-Chlorotoluene
Concen: 43.554 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 91 Resp: 244058
Ion Ratio Lower Upper
91 100
126 27.6 0.0 55.0

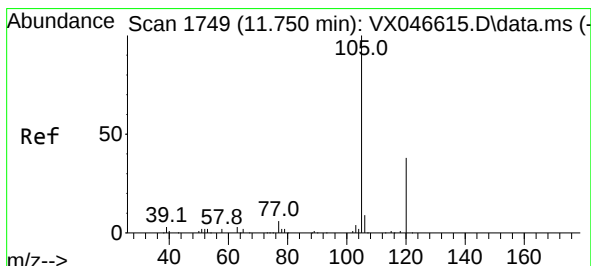
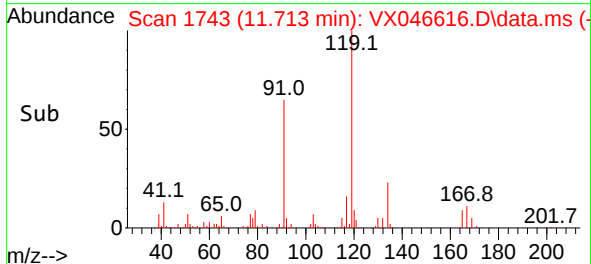
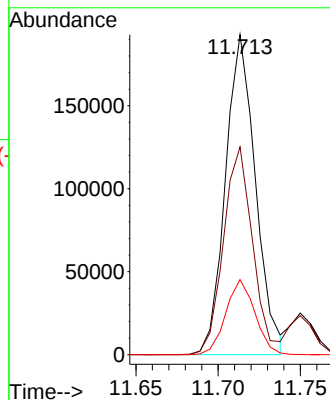
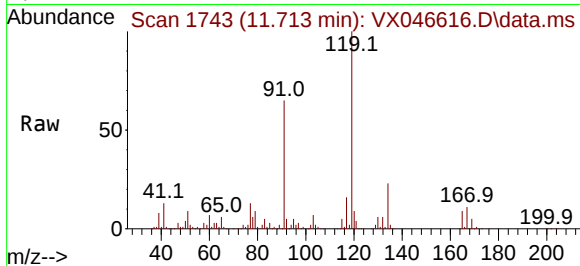




#79
tert-butylbenzene
Concen: 42.765 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

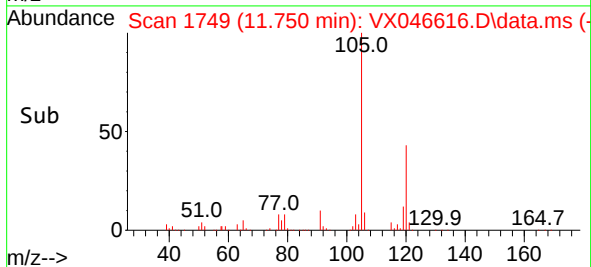
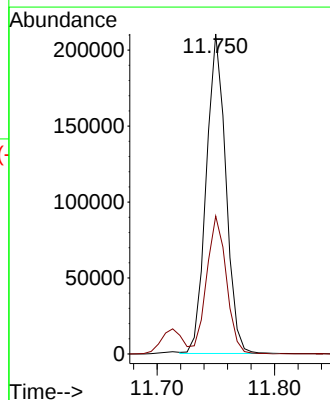
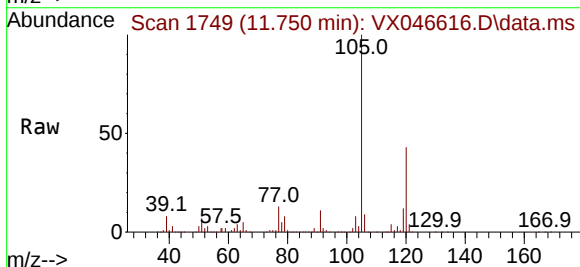
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

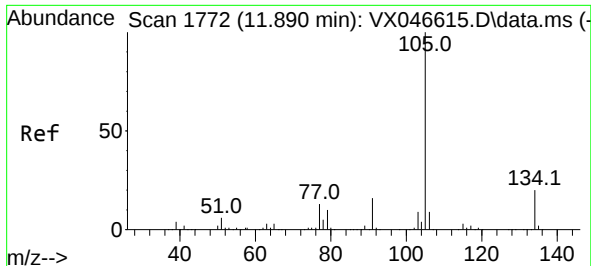
Tgt Ion:119 Resp: 245096
Ion Ratio Lower Upper
119 100
91 63.3 0.0 126.0
134 22.8 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 42.646 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion:105 Resp: 242787
Ion Ratio Lower Upper
105 100
120 44.0 0.0 89.6

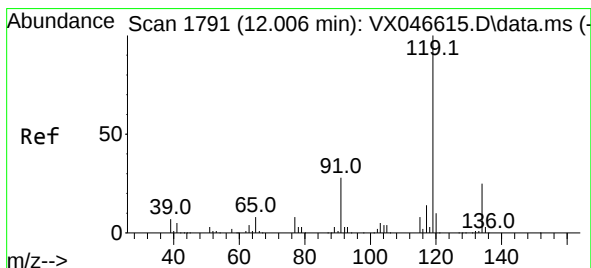
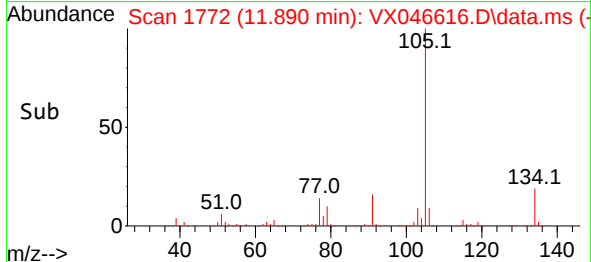
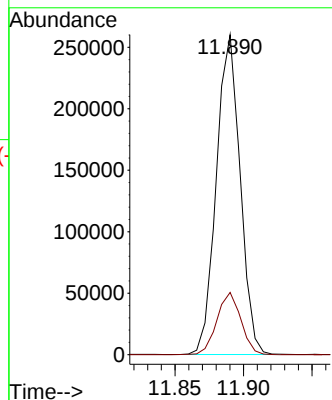
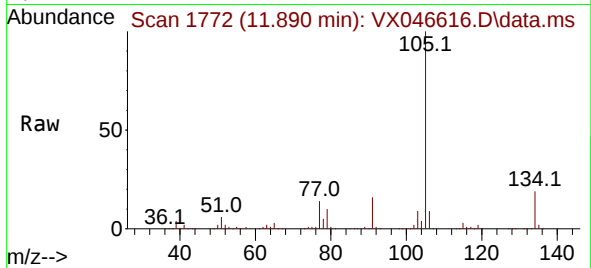




#81
 sec-Butylbenzene
 Concen: 43.418 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046616.D
 Acq: 10 Jun 2025 21:01

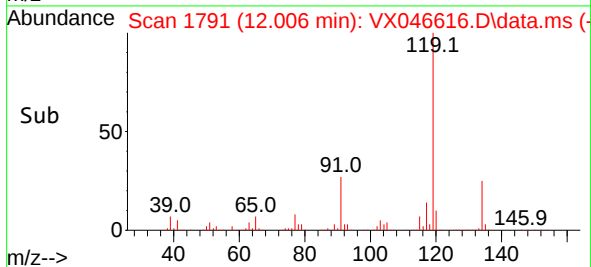
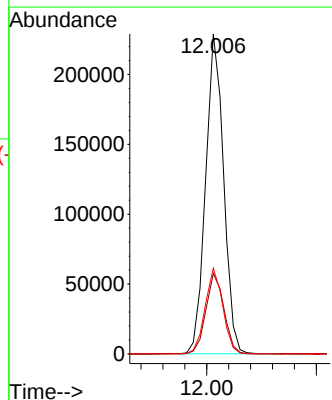
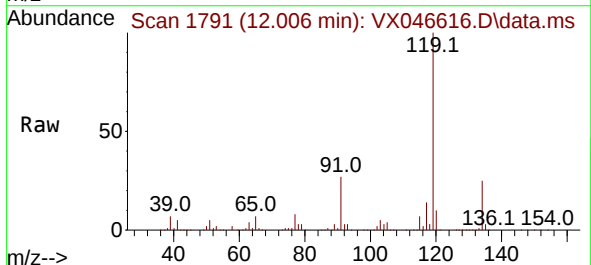
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

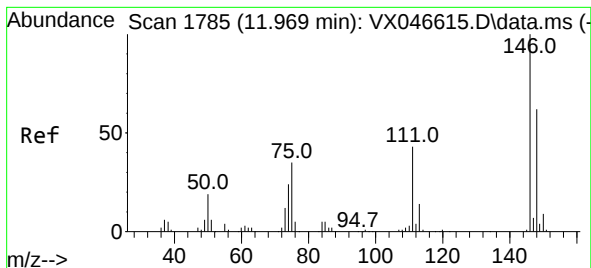
Tgt Ion:105 Resp: 314122
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 44.246 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046616.D
 Acq: 10 Jun 2025 21:01

Tgt Ion:119 Resp: 260529
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.0
 91 26.3 0.0 54.0





#83

1,3-Dichlorobenzene

Concen: 43.335 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

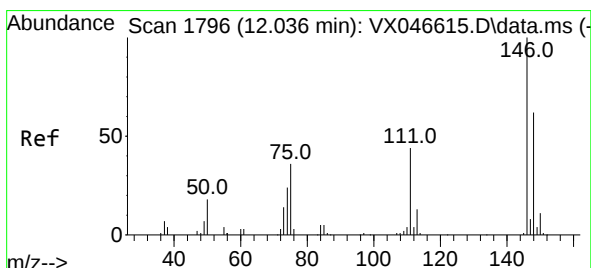
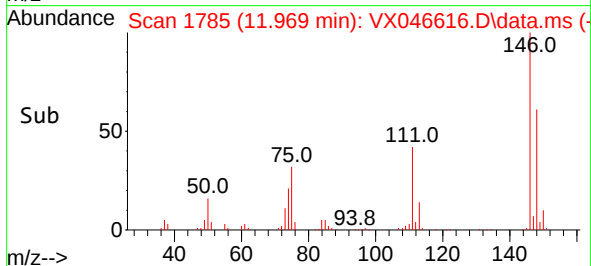
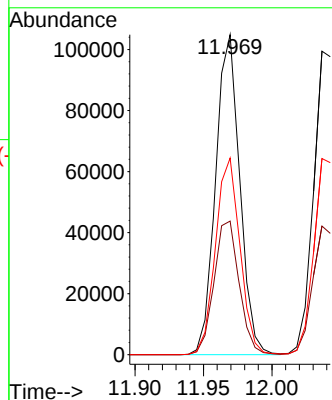
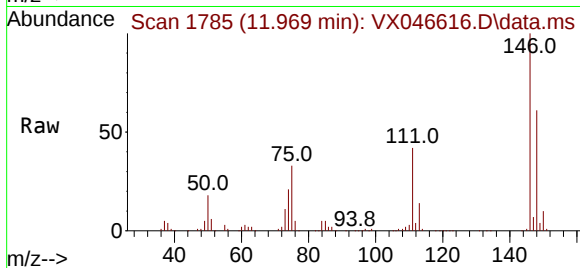
Tgt Ion:146 Resp: 128582

Ion Ratio Lower Upper

146 100

111 43.6 21.9 65.8

148 62.3 32.0 96.2



#84

1,4-Dichlorobenzene

Concen: 43.154 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

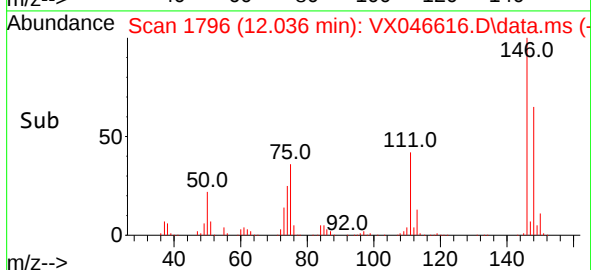
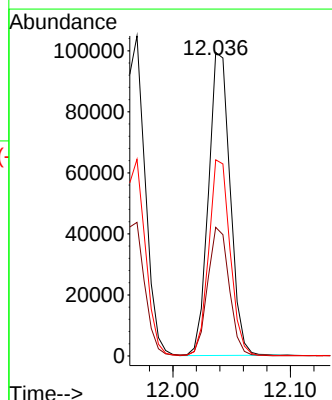
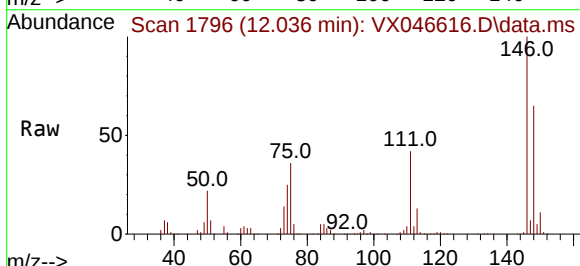
Tgt Ion:146 Resp: 127142

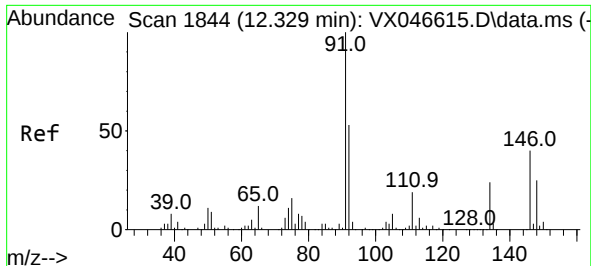
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.2 31.4 94.3

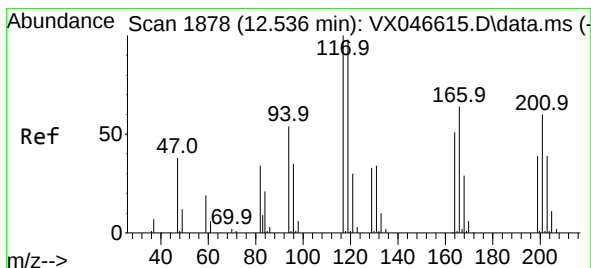
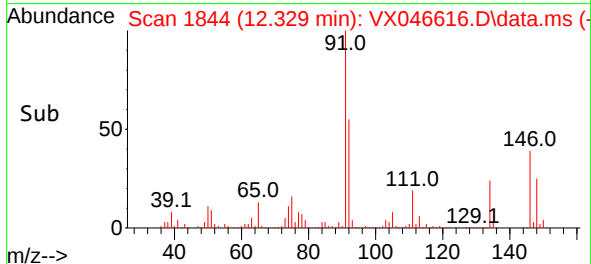
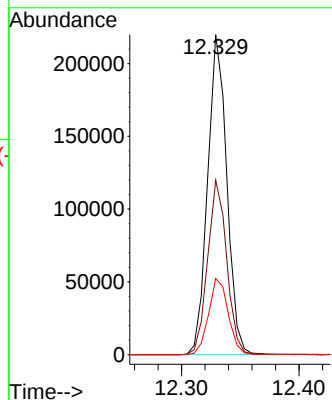
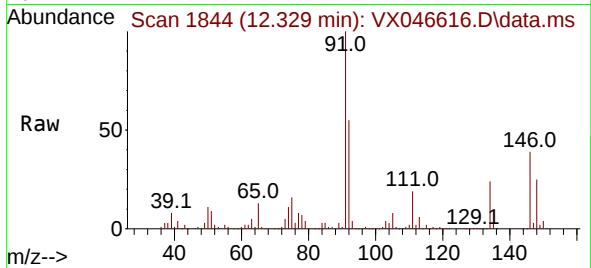




#85
n-Butylbenzene
Concen: 45.589 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

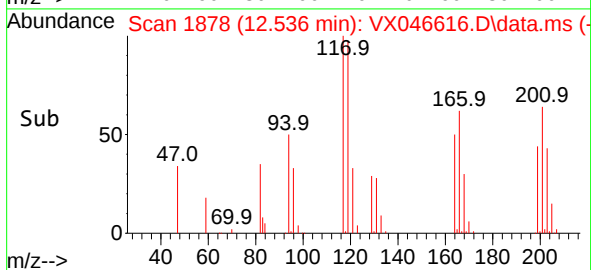
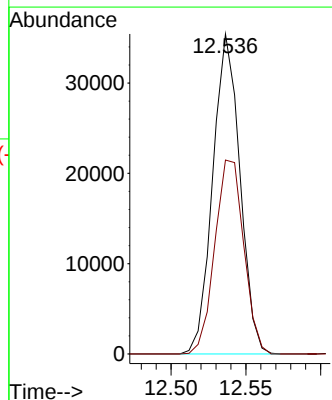
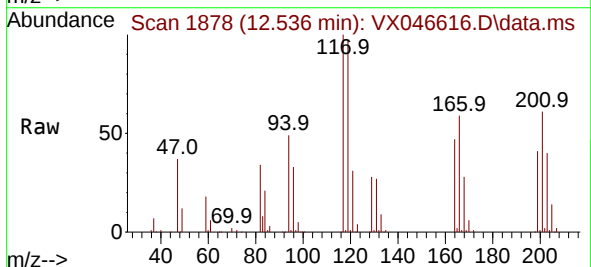
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

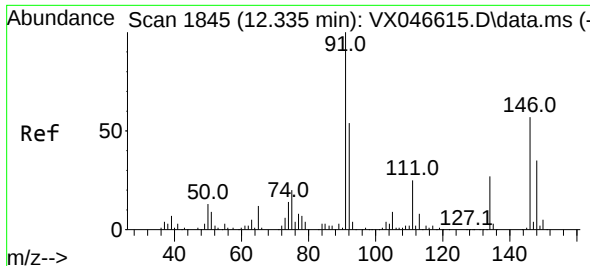
Tgt Ion: 91 Resp: 249335
Ion Ratio Lower Upper
91 100
92 54.4 0.0 106.4
134 24.5 0.0 48.8



#86
Hexachloroethane
Concen: 42.946 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 117 Resp: 44755
Ion Ratio Lower Upper
117 100
201 64.7 31.7 95.1

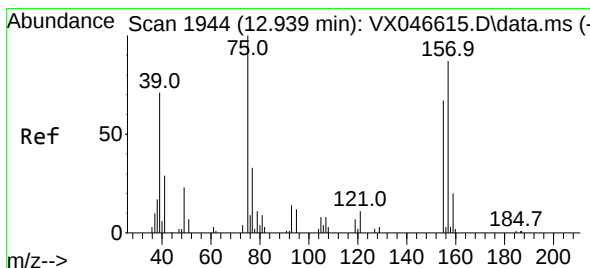
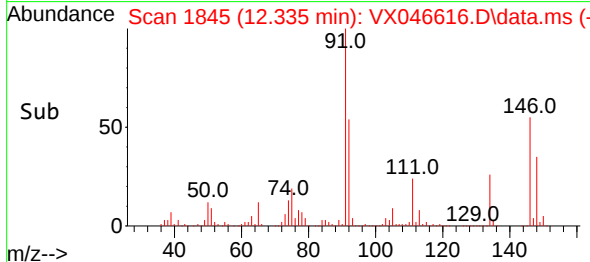
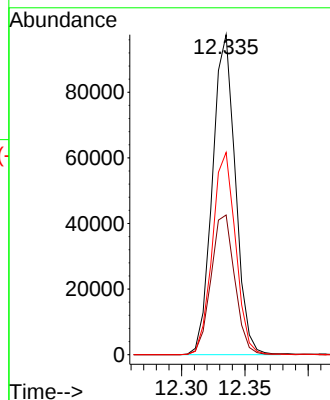
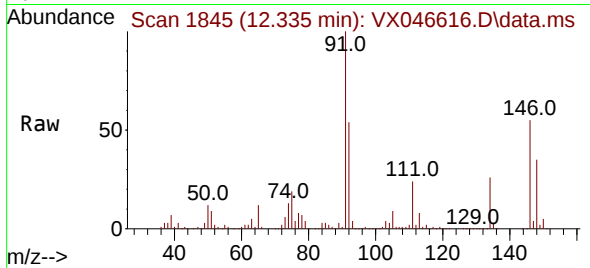




#87
1,2-Dichlorobenzene
Concen: 42.457 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

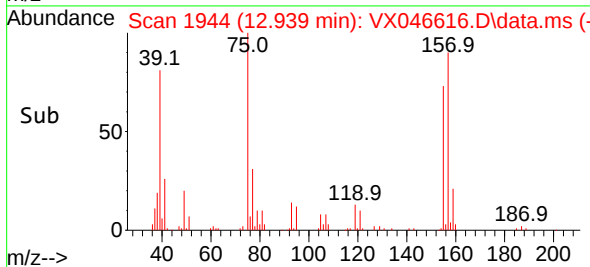
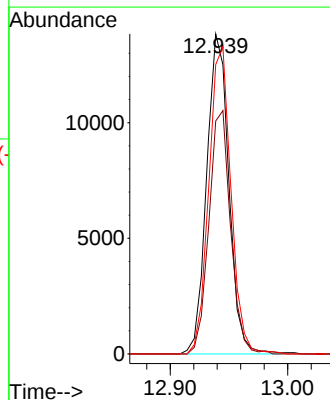
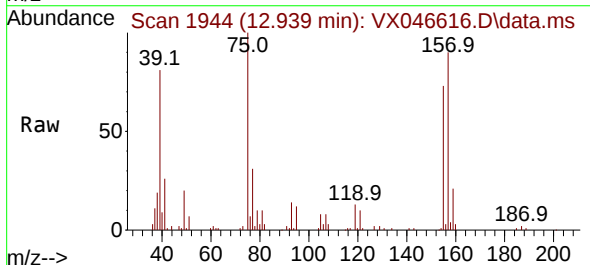
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

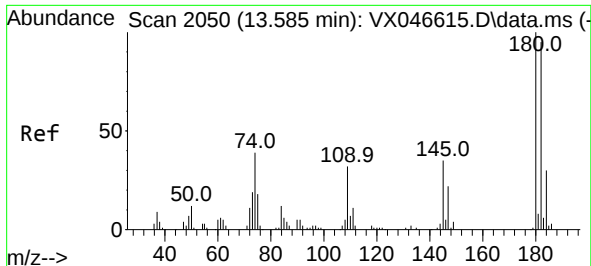
Tgt Ion:146 Resp: 123006
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.5
148 63.7 31.6 94.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 41.216 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion: 75 Resp: 18139
Ion Ratio Lower Upper
75 100
155 74.2 59.4 89.2
157 96.0 75.0 112.6





#89

1,2,4-Trichlorobenzene

Concen: 44.831 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

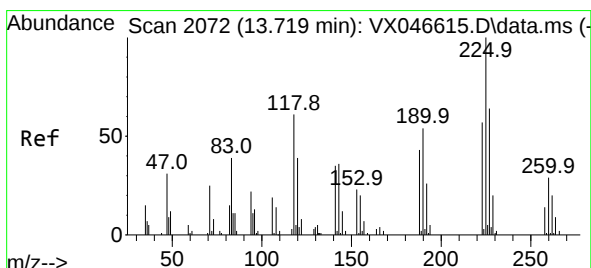
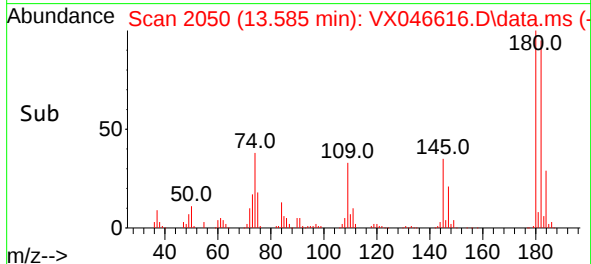
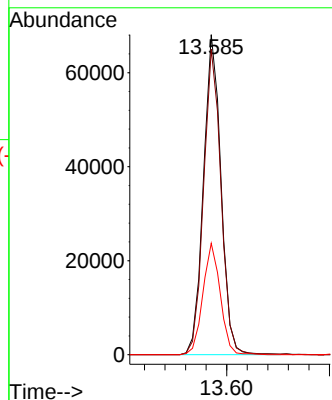
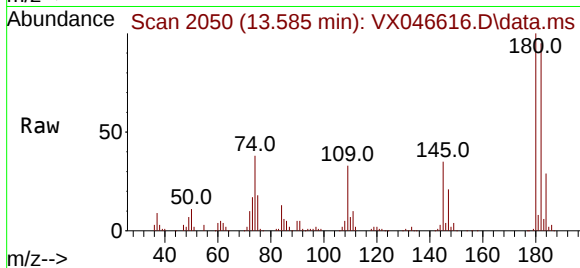
Tgt Ion:180 Resp: 80770

Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

145 34.4 27.4 41.0



#90

Hexachlorobutadiene

Concen: 48.174 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046616.D

Acq: 10 Jun 2025 21:01

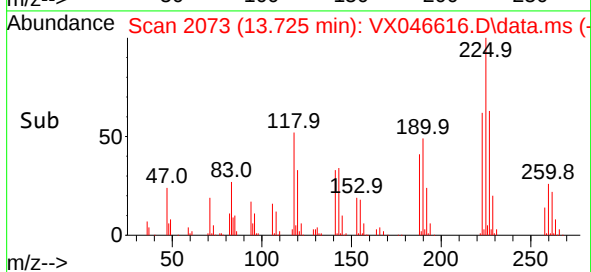
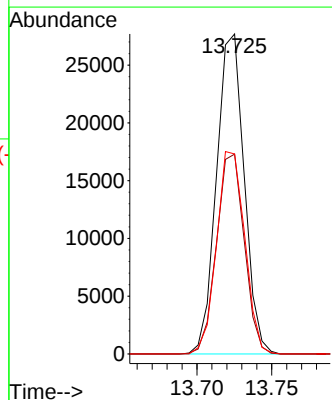
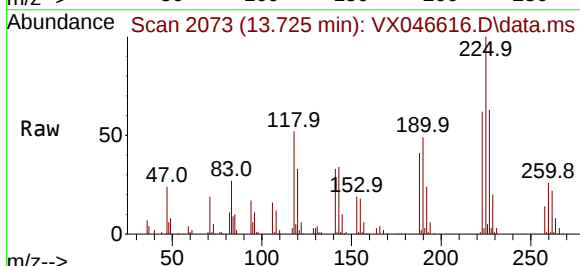
Tgt Ion:225 Resp: 35663

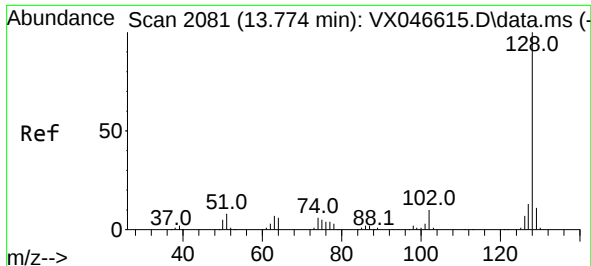
Ion Ratio Lower Upper

225 100

223 62.6 0.0 126.4

227 64.3 0.0 131.4

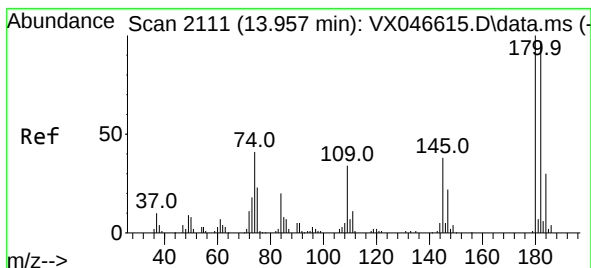
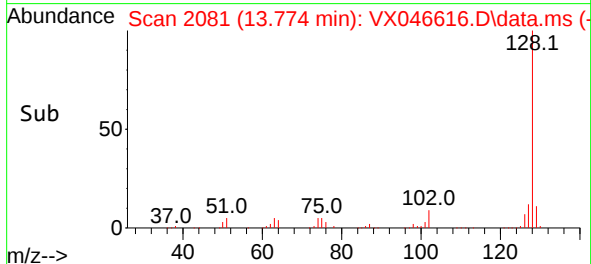
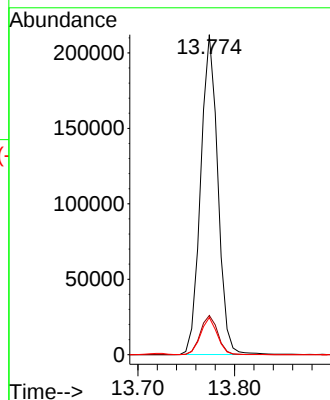
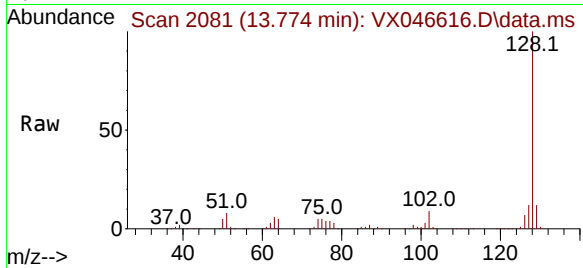




#91
Naphthalene
Concen: 42.345 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 261755
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.3 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 43.289 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046616.D
Acq: 10 Jun 2025 21:01

Tgt Ion:180 Resp: 79158
Ion Ratio Lower Upper
180 100
182 96.8 0.0 190.2
145 36.6 0.0 71.8

