

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047599.D
 Acq On : 16 Sep 2025 16:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 02:11:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	166299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	139604	52.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.480%	
35) Dibromofluoromethane	5.373	113	104542	52.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	8.635	98	360692	51.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	11.061	95	136122	51.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	75253	43.700	ug/l	98
3) Chloromethane	1.301	50	100615	44.456	ug/l	100
4) Vinyl Chloride	1.380	62	102320	46.184	ug/l	98
5) Bromomethane	1.618	94	73183	52.093	ug/l	96
6) Chloroethane	1.697	64	70112	47.349	ug/l	100
7) Trichlorofluoromethane	1.892	101	156287	47.510	ug/l	96
8) Diethyl Ether	2.136	74	66194	49.191	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	90588	47.096	ug/l	99
10) Methyl Iodide	2.453	142	134544	44.850	ug/l	98
11) Tert butyl alcohol	2.941	59	74981	254.335	ug/l	99
12) 1,1-Dichloroethene	2.325	96	94490	47.823	ug/l	98
13) Acrolein	2.240	56	71659	263.768	ug/l	98
14) Allyl chloride	2.666	41	196704	48.246	ug/l	98
15) Acrylonitrile	3.056	53	287126	262.935	ug/l	99
16) Acetone	2.374	43	250795	217.903	ug/l	98
17) Carbon Disulfide	2.514	76	239592	44.295	ug/l	98
18) Methyl Acetate	2.703	43	144443	56.391	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	365530	50.680	ug/l	98
20) Methylene Chloride	2.788	84	116316	47.744	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	102836	48.343	ug/l	98
22) Diisopropyl ether	3.751	45	400506	50.687	ug/l	86
23) Vinyl Acetate	3.715	43	1616290	255.580	ug/l	100
24) 1,1-Dichloroethane	3.605	63	208348	49.609	ug/l	99
25) 2-Butanone	4.538	43	358543	249.740	ug/l	97
26) 2,2-Dichloropropane	4.465	77	168993	48.407	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	130354	50.038	ug/l	98
28) Bromochloromethane	4.885	49	101969	55.615	ug/l	100
29) Tetrahydrofuran	4.995	42	225172	260.717	ug/l	99
30) Chloroform	5.080	83	214911	50.639	ug/l	99
31) Cyclohexane	5.465	56	161112	46.060	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	177635	49.346	ug/l	99
36) 1,1-Dichloropropene	5.678	75	135820	46.260	ug/l	100
37) Ethyl Acetate	4.696	43	156928	49.919	ug/l	99
38) Carbon Tetrachloride	5.666	117	148678	46.607	ug/l	98
39) Methylcyclohexane	7.367	83	155698	46.717	ug/l	98
40) Benzene	6.025	78	434215	48.692	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	83701	51.574	ug/l	100
42) 1,2-Dichloroethane	6.074	62	168004	49.515	ug/l	100
43) Isopropyl Acetate	6.324	43	259117	50.257	ug/l	100
44) Trichloroethene	7.111	130	103104	47.824	ug/l	99
45) 1,2-Dichloropropane	7.415	63	112988	49.482	ug/l	99
46) Dibromomethane	7.568	93	82504	49.652	ug/l	99
47) Bromodichloromethane	7.806	83	171848	50.117	ug/l	99
48) Methyl methacrylate	7.678	41	132311	51.520	ug/l	99
49) 1,4-Dioxane	7.647	88	28148	1084.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	753600	263.626	ug/l	99
52) Toluene	8.702	92	267900	48.762	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	175838	50.275	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	188823	50.510	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	105793	49.938	ug/l	99
56) Ethyl methacrylate	9.104	69	174430	52.429	ug/l	99
57) 1,3-Dichloropropane	9.293	76	185947	51.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	396810	249.679	ug/l	99
59) 2-Hexanone	9.415	43	527878	257.118	ug/l	99
60) Dibromochloromethane	9.507	129	124303	50.924	ug/l	98
61) 1,2-Dibromoethane	9.592	107	110246	51.092	ug/l	99
64) Tetrachloroethene	9.257	164	81379	46.675	ug/l	99
65) Chlorobenzene	10.061	112	296410	48.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	104624	49.900	ug/l	100
67) Ethyl Benzene	10.177	91	511106	48.752	ug/l	99
68) m/p-Xylenes	10.287	106	378564	97.014	ug/l	99
69) o-Xylene	10.622	106	186392	49.385	ug/l	100
70) Styrene	10.640	104	327033	49.451	ug/l	99
71) Bromoform	10.781	173	79504	50.782	ug/l #	100
73) Isopropylbenzene	10.945	105	471952	49.898	ug/l	100
74) N-amyl acetate	10.829	43	228272	52.925	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	147747	51.631	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	169656	67.354	ug/l	89
77) Bromobenzene	11.183	156	118411	50.831	ug/l	99
78) n-propylbenzene	11.287	91	557492	49.861	ug/l	100
79) 2-Chlorotoluene	11.348	91	343530	50.165	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	393208	50.601	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	49500	50.114	ug/l	99
82) 4-Chlorotoluene	11.439	91	407614	50.398	ug/l	100
83) tert-Butylbenzene	11.695	119	396788	49.880	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	401322	50.940	ug/l	99
85) sec-Butylbenzene	11.872	105	476377	50.417	ug/l	100
86) p-Isopropyltoluene	11.994	119	398568	49.825	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	213550	49.354	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	219380	49.400	ug/l	100
89) n-Butylbenzene	12.317	91	372156	50.279	ug/l	99
90) Hexachloroethane	12.518	117	71259	50.739	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	209956	50.933	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	30331	52.352	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	135848	50.707	ug/l	99
94) Hexachlorobutadiene	13.707	225	43394	47.686	ug/l	100
95) Naphthalene	13.756	128	427833	52.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	129728	52.055	ug/l	99

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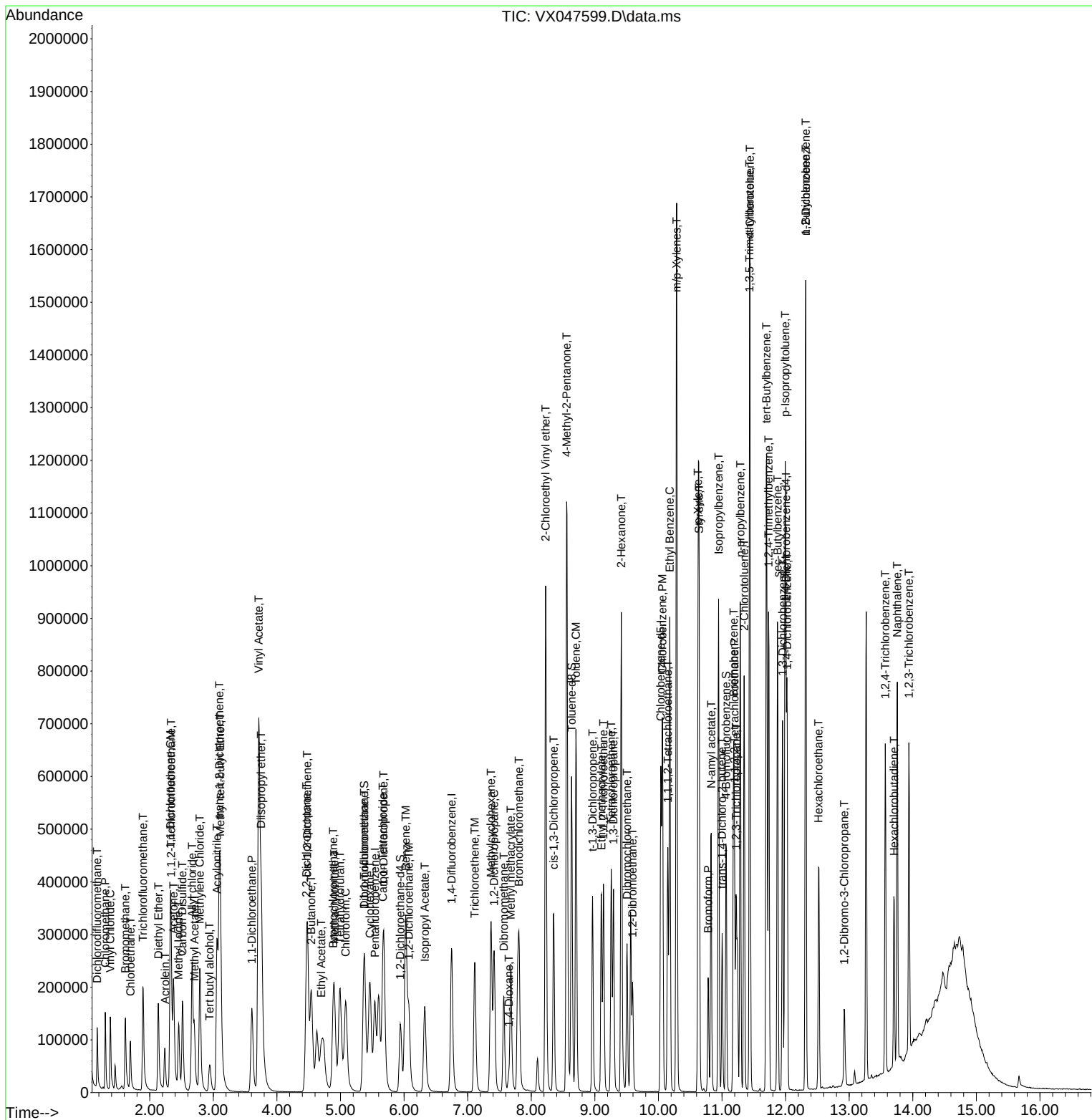
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

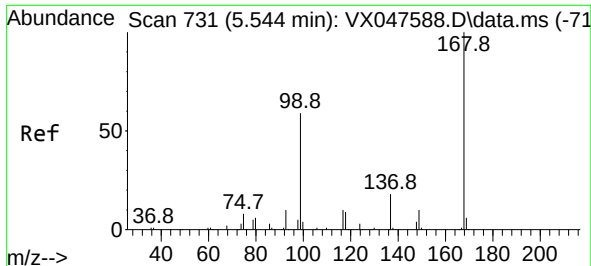
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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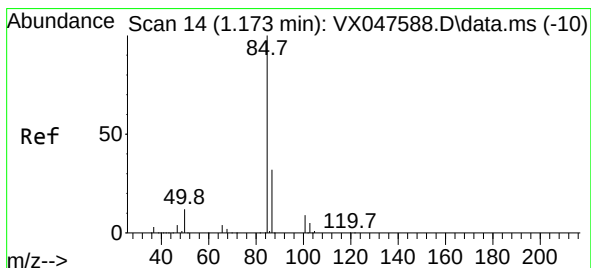
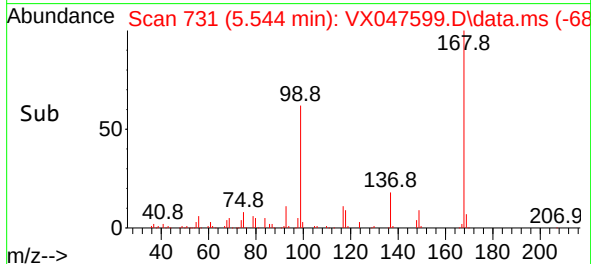
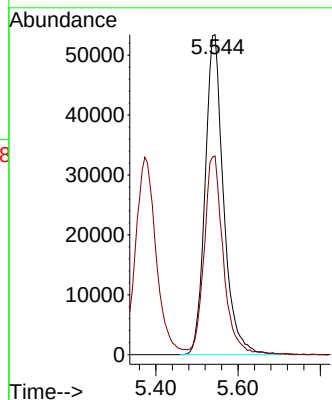
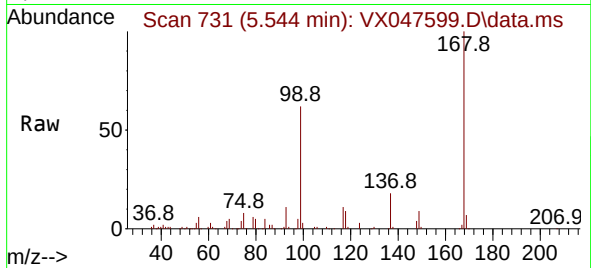




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047599.D
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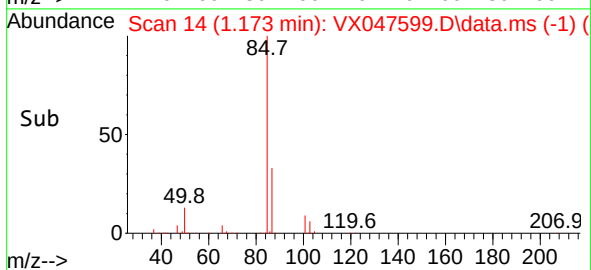
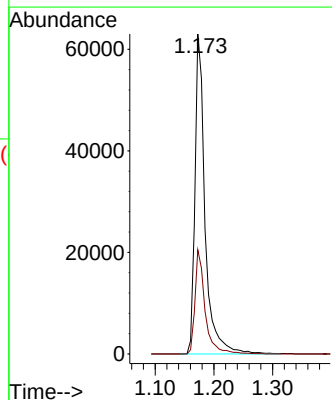
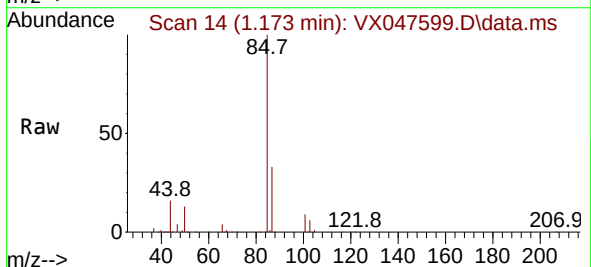
Instrument :
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VSTDCCC050EC

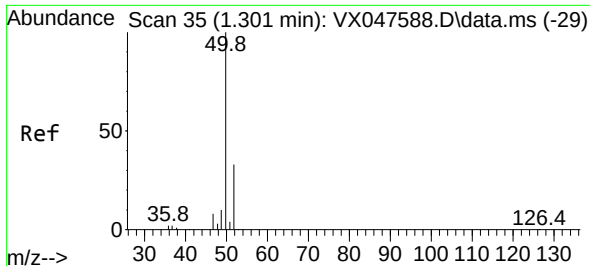
Tgt Ion:168 Resp: 166299
Ion Ratio Lower Upper
168 100
99 61.9 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 43.700 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 85 Resp: 75253
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3

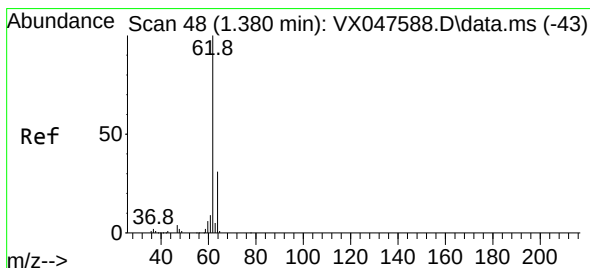
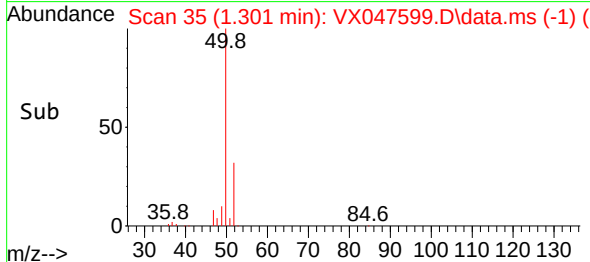
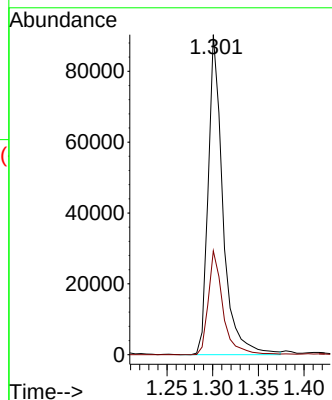
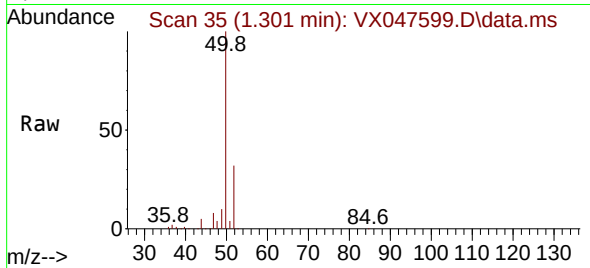




#3
Chloromethane
Concen: 44.456 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

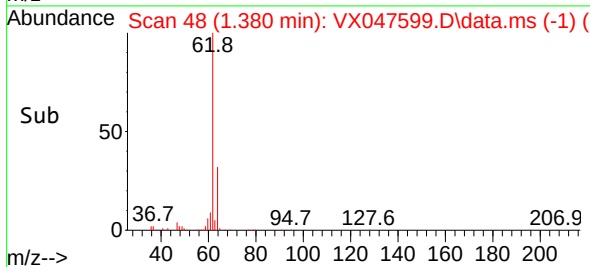
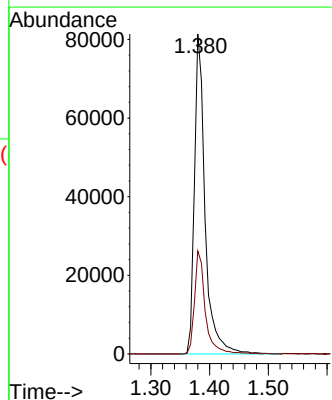
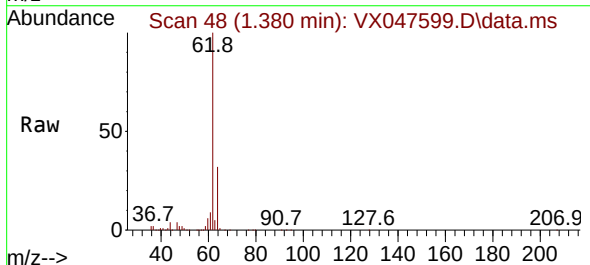
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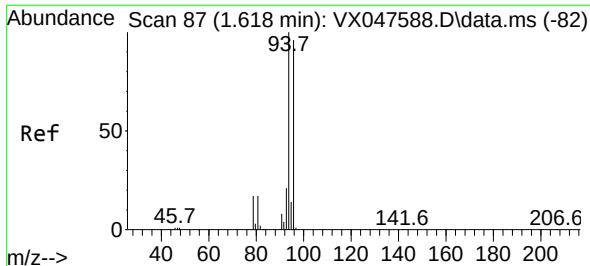
Tgt Ion: 50 Resp: 100615
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 46.184 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 62 Resp: 102320
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3

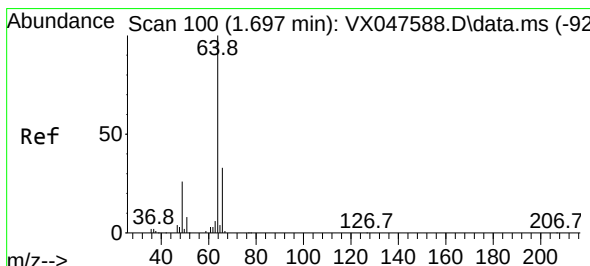
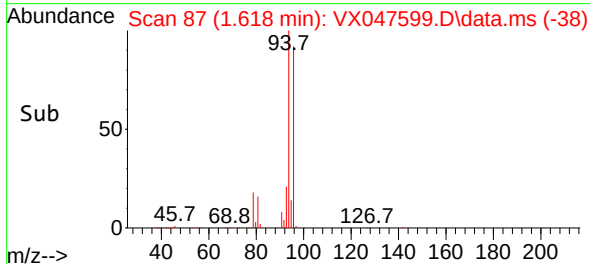
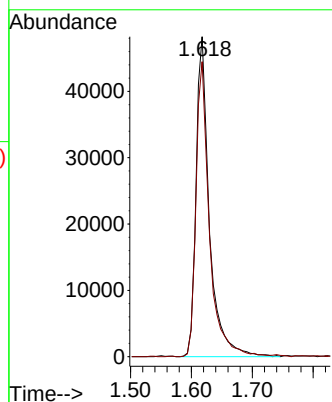
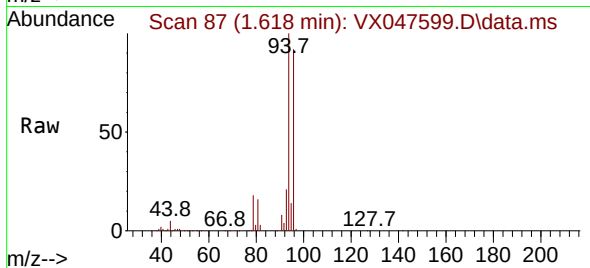




#5
 Bromomethane
 Concen: 52.093 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

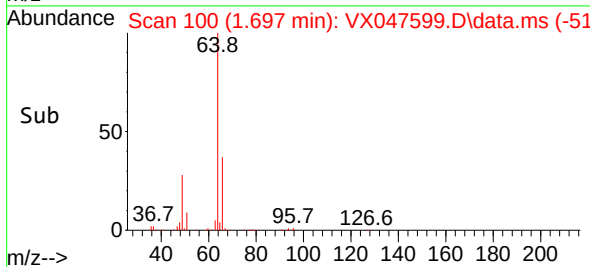
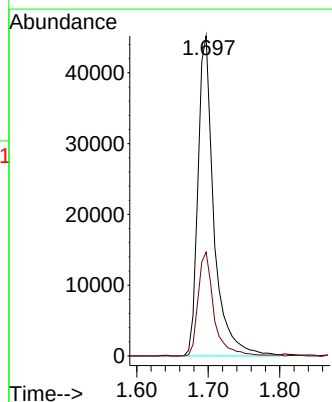
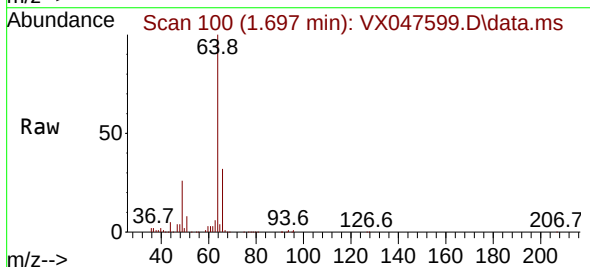
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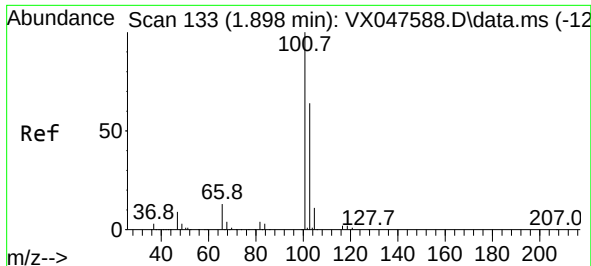
Tgt Ion: 94 Resp: 73183
 Ion Ratio Lower Upper
 94 100
 96 92.2 76.6 115.0



#6
 Chloroethane
 Concen: 47.349 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

Tgt Ion: 64 Resp: 70112
 Ion Ratio Lower Upper
 64 100
 66 32.5 26.1 39.1

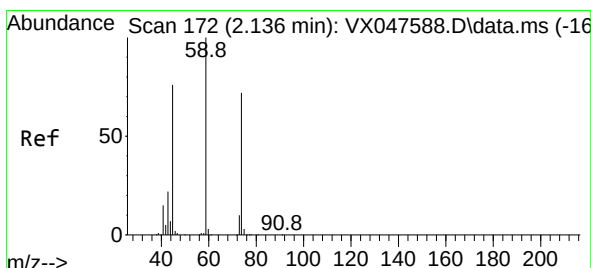
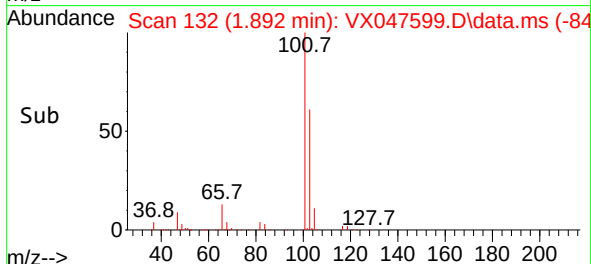
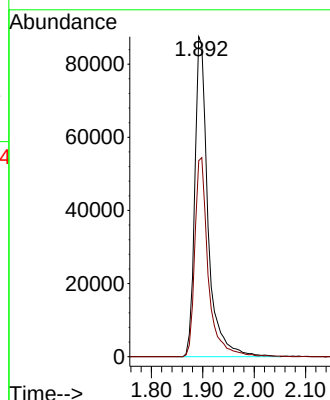
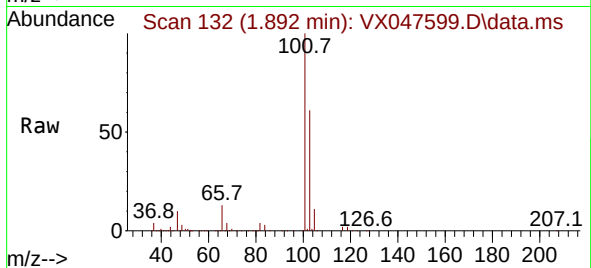




#7
Trichlorofluoromethane
Concen: 47.510 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

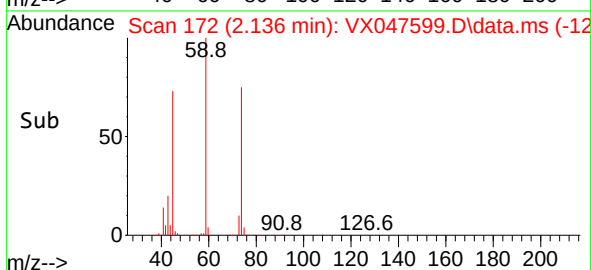
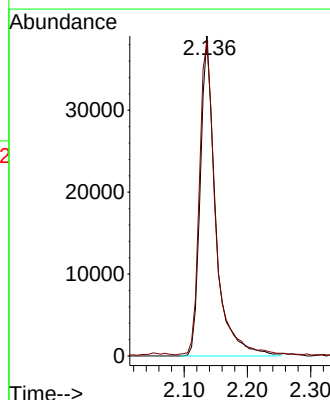
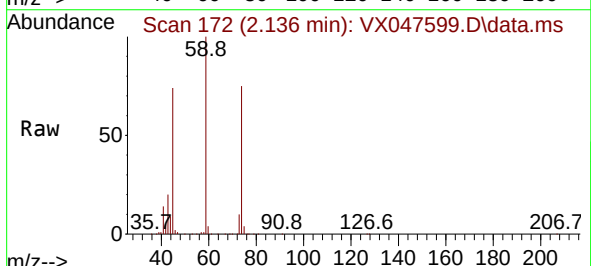
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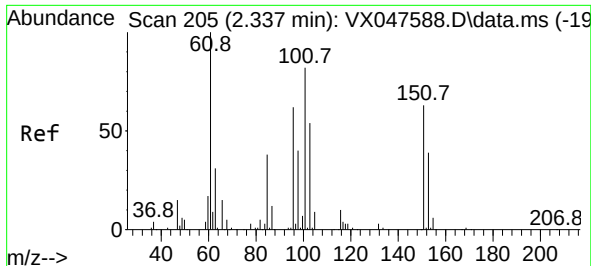
Tgt Ion:101 Resp: 156287
Ion Ratio Lower Upper
101 100
103 61.2 51.4 77.2



#8
Diethyl Ether
Concen: 49.191 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 74 Resp: 66194
Ion Ratio Lower Upper
74 100
45 103.4 52.3 156.8

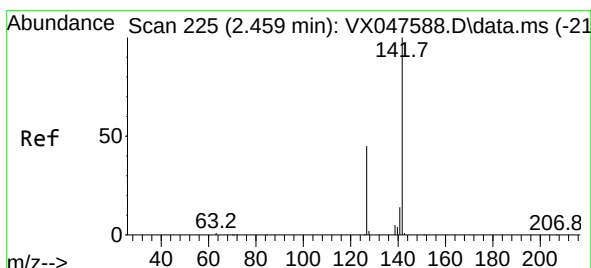
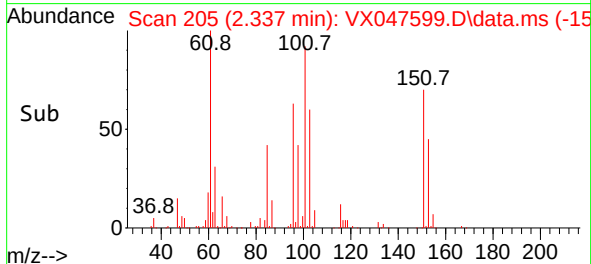
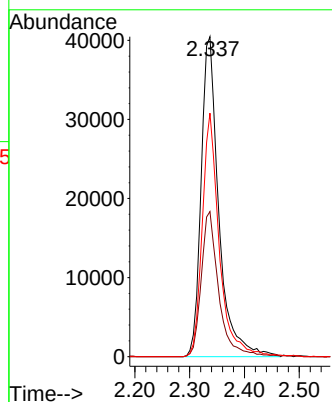
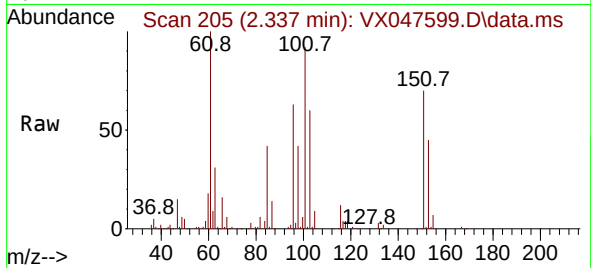




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.096 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047599.D
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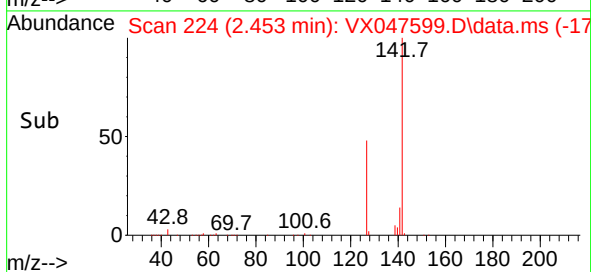
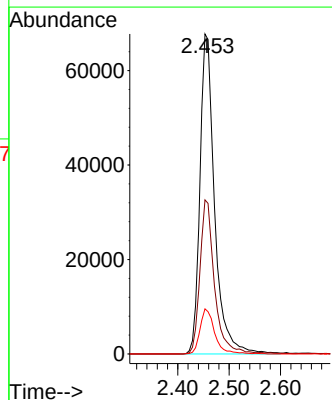
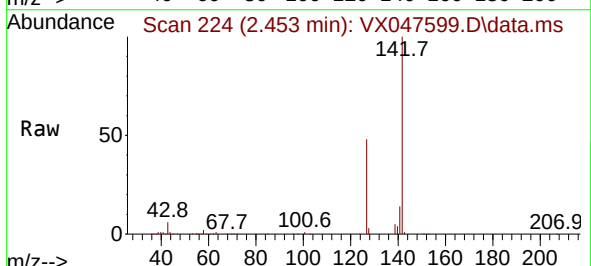
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

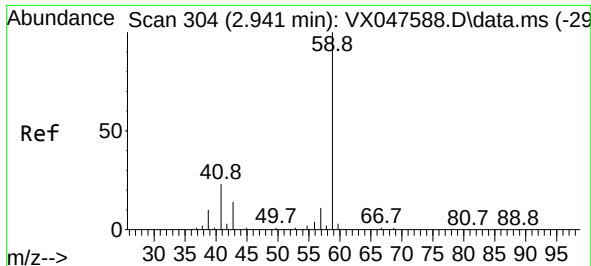
Tgt Ion:101 Resp: 90588
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 73.7 59.4 89.0



#10
Methyl Iodide
Concen: 44.850 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:142 Resp: 134544
Ion Ratio Lower Upper
142 100
127 48.1 37.2 55.8
141 14.0 11.4 17.0

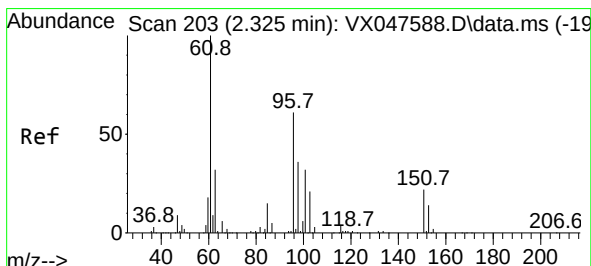
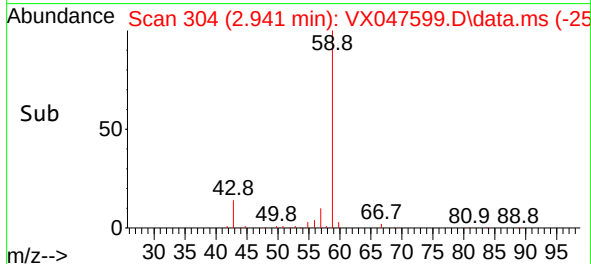
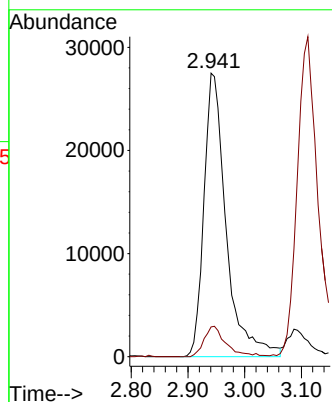
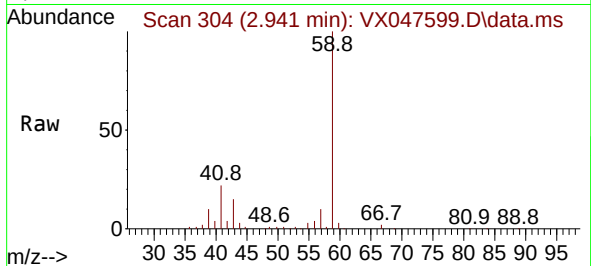




#11
Tert butyl alcohol
Concen: 254.335 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

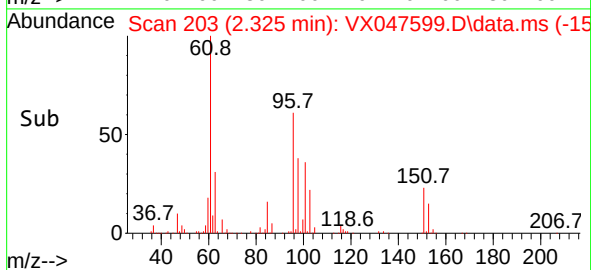
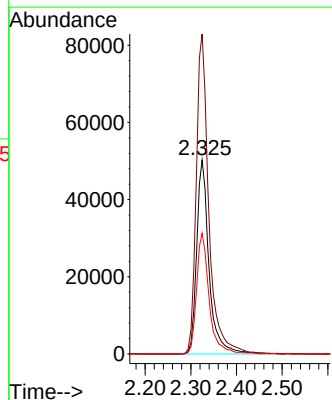
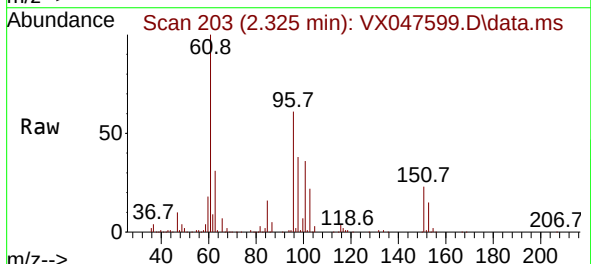
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

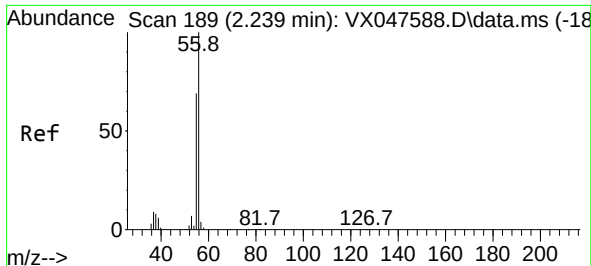
Tgt Ion: 59 Resp: 74981
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.823 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 96 Resp: 94490
Ion Ratio Lower Upper
96 100
61 165.0 131.0 196.6
98 62.2 47.7 71.5

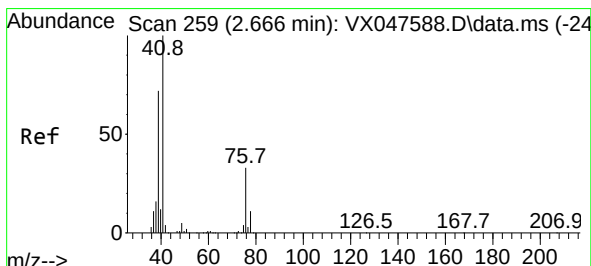
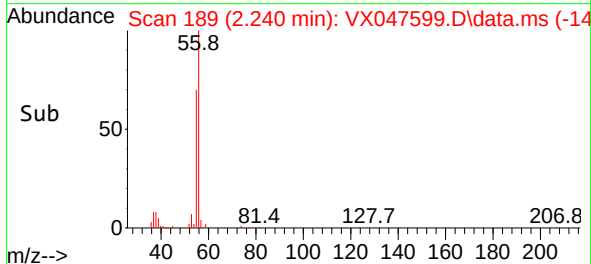
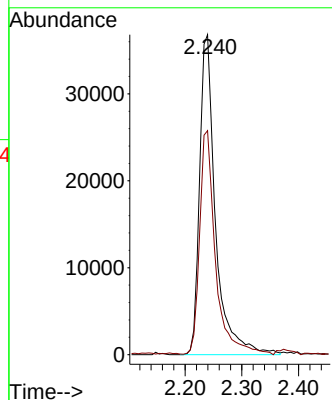
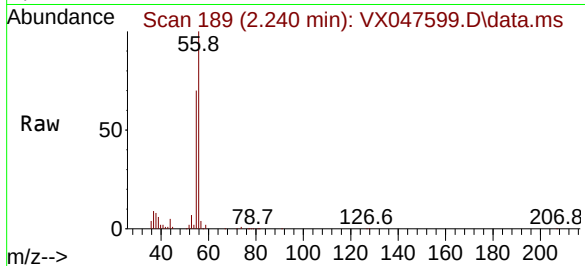




#13
Acrolein
Concen: 263.768 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

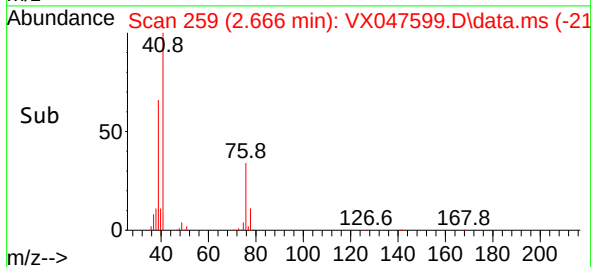
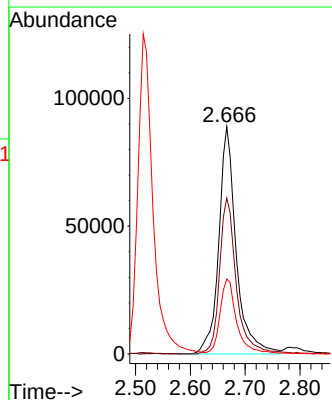
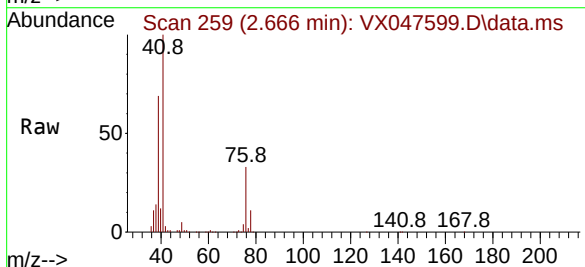
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

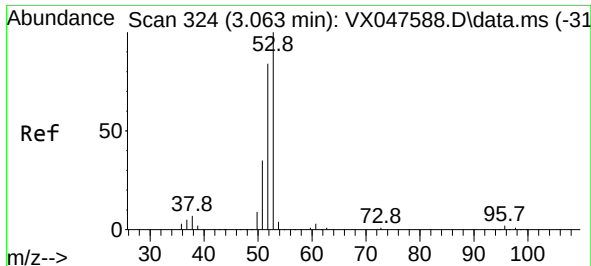
Tgt Ion: 56 Resp: 71659
Ion Ratio Lower Upper
56 100
55 70.0 57.2 85.8



#14
Allyl chloride
Concen: 48.246 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 41 Resp: 196704
Ion Ratio Lower Upper
41 100
39 66.7 54.7 82.1
76 31.6 25.7 38.5

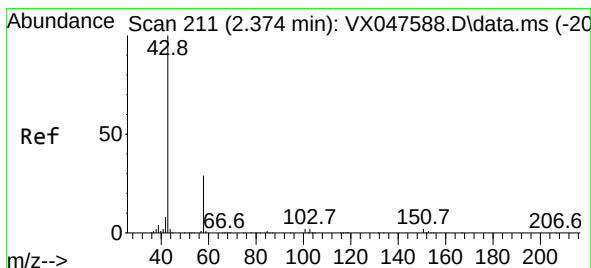
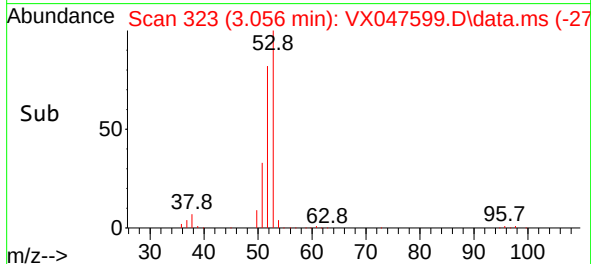
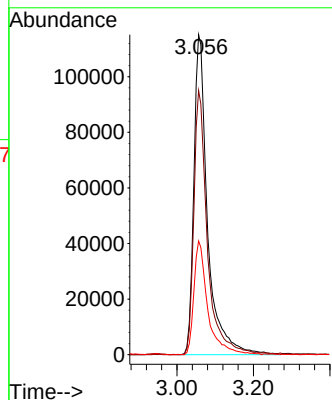
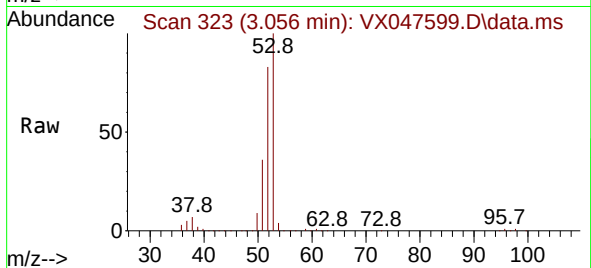




#15
Acrylonitrile
Concen: 262.935 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

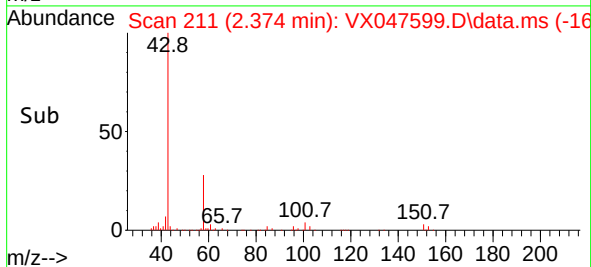
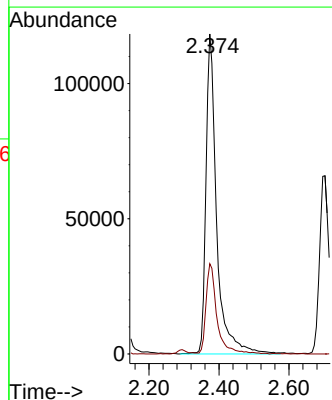
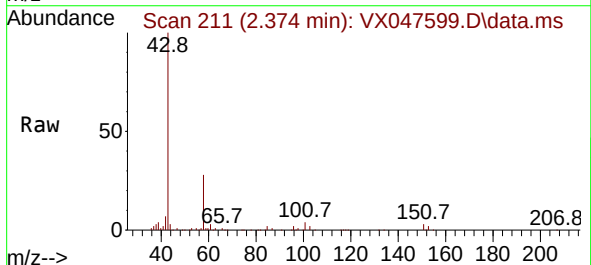
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

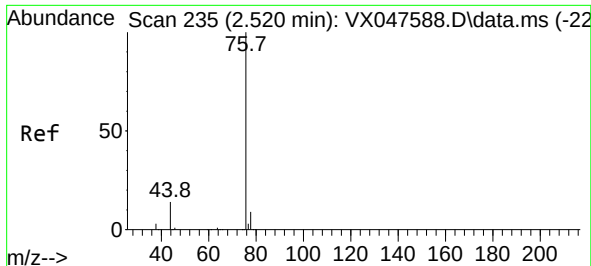
Tgt Ion: 53 Resp: 287126
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 36.0 29.5 44.3



#16
Acetone
Concen: 217.903 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 43 Resp: 250795
Ion Ratio Lower Upper
43 100
58 28.2 23.4 35.0

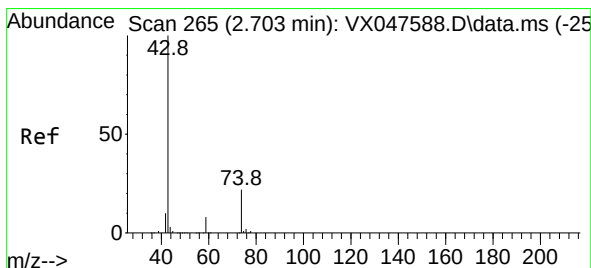
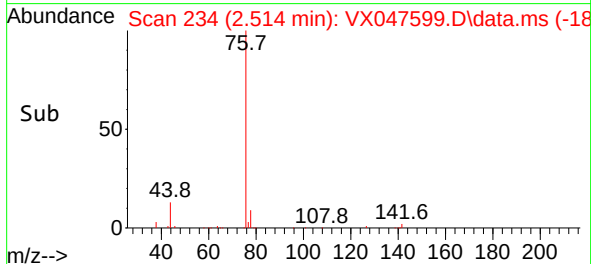
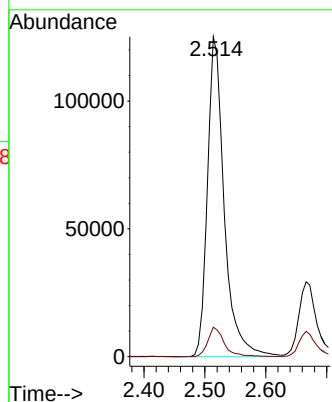
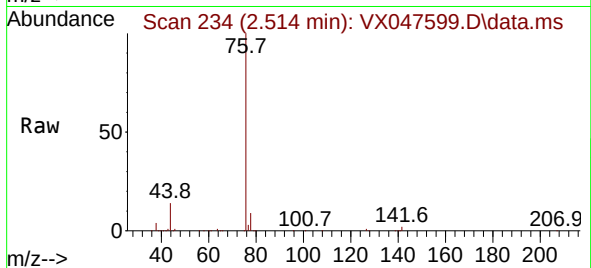




#17
Carbon Disulfide
Concen: 44.295 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

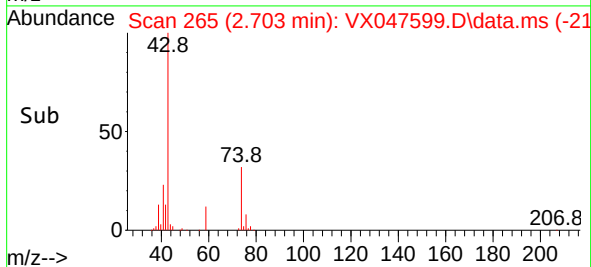
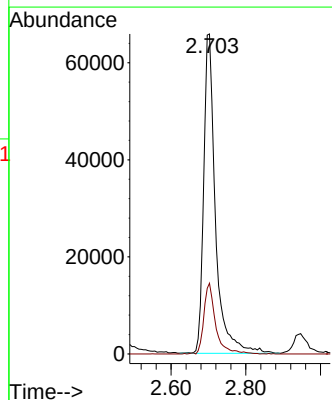
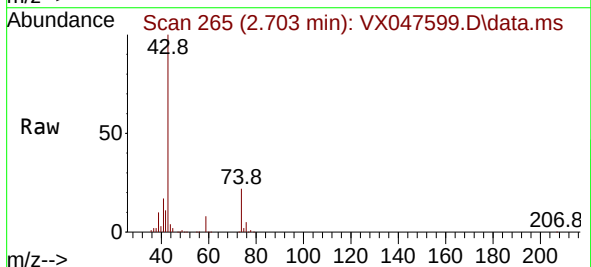
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

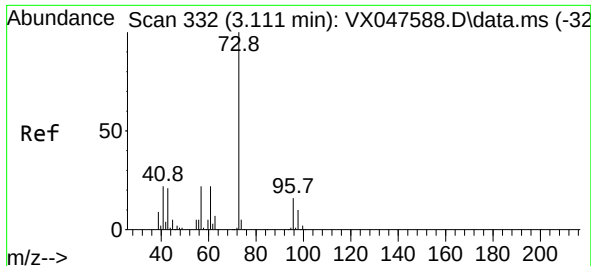
Tgt Ion: 76 Resp: 239592
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 56.391 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 43 Resp: 144443
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2

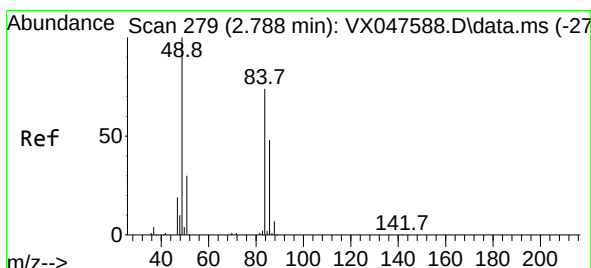
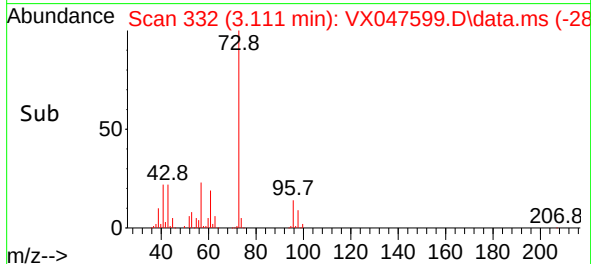
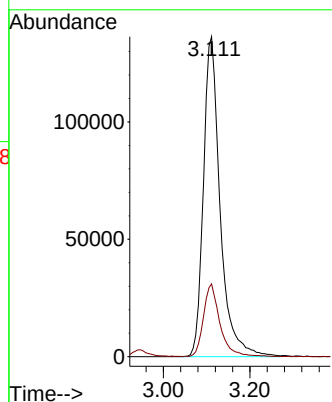
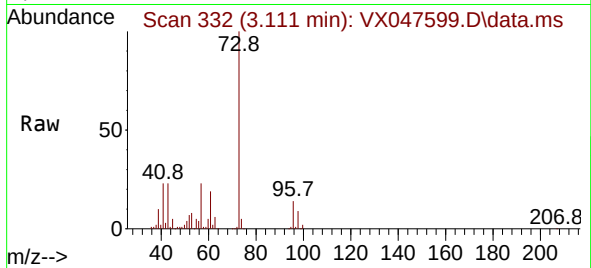




#19
Methyl tert-butyl Ether
Concen: 50.680 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

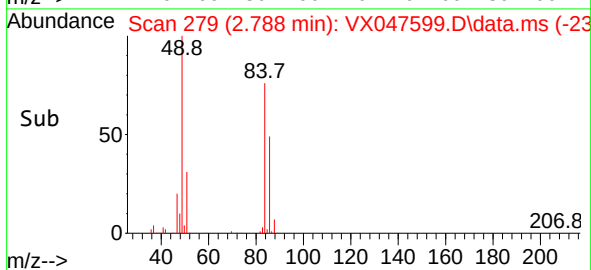
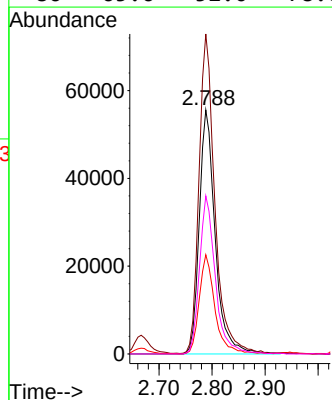
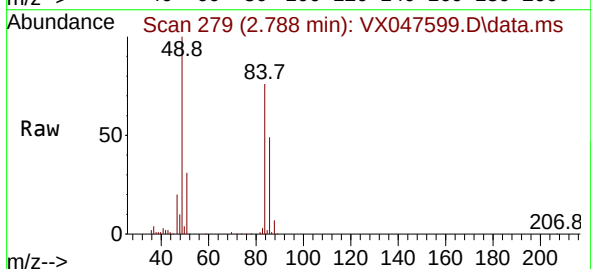
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

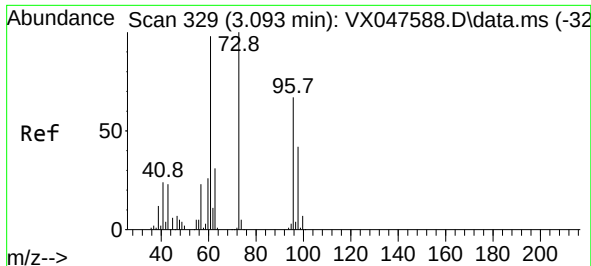
Tgt Ion: 73 Resp: 365530
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 47.744 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 84 Resp: 116316
Ion Ratio Lower Upper
84 100
49 130.9 108.6 162.8
51 40.6 32.6 48.8
86 65.6 52.0 78.0

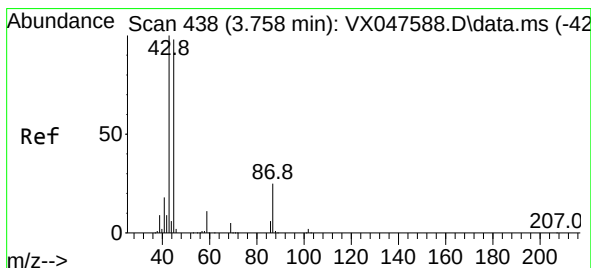
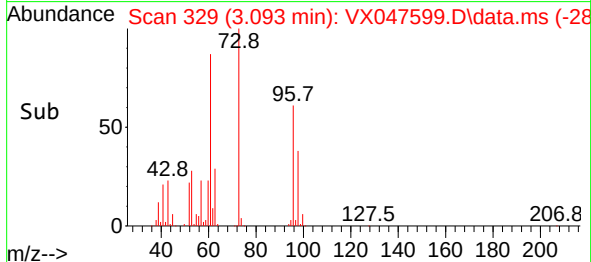
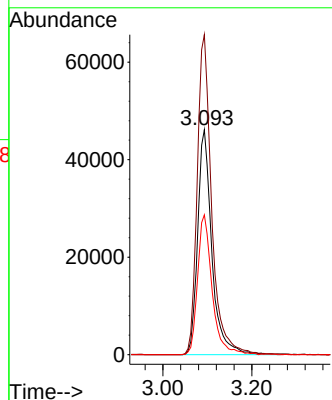
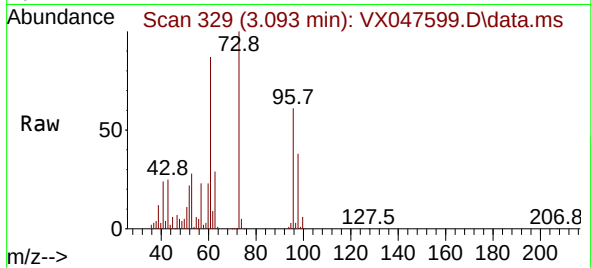




#21
trans-1,2-Dichloroethene
Concen: 48.343 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

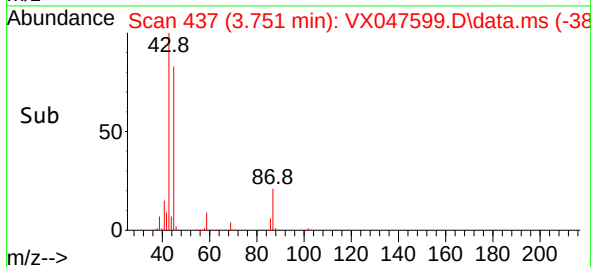
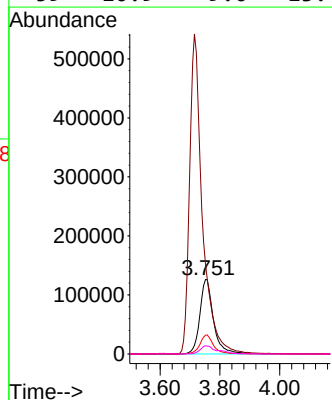
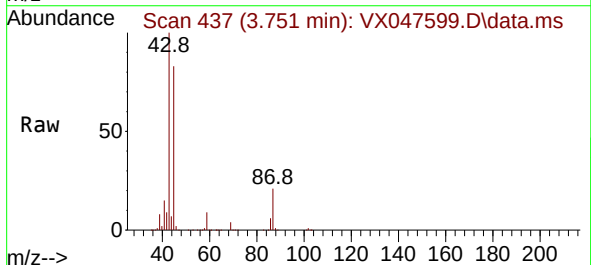
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

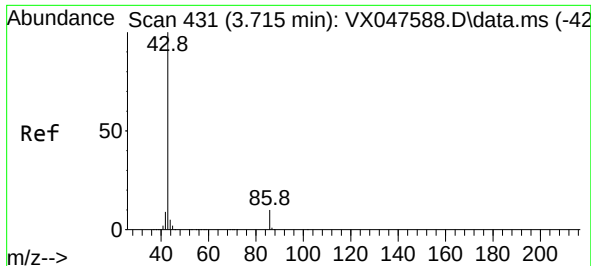
Tgt Ion: 96 Resp: 102836
Ion Ratio Lower Upper
96 100
61 142.3 116.2 174.2
98 62.2 49.3 73.9



#22
Diisopropyl ether
Concen: 50.687 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 45 Resp: 400506
Ion Ratio Lower Upper
45 100
43 120.3 81.0 121.4
87 25.3 20.3 30.5
59 10.9 9.0 13.4

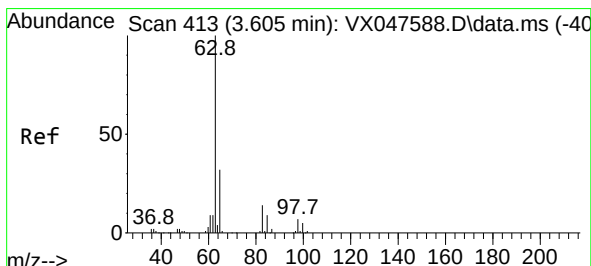
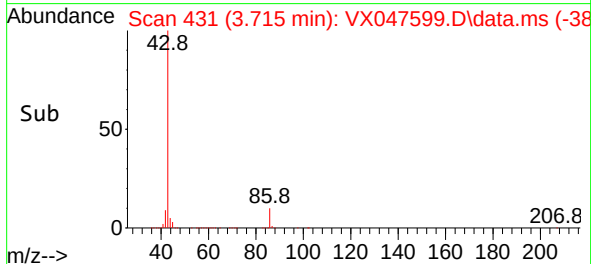
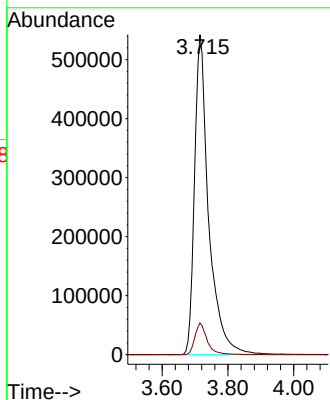
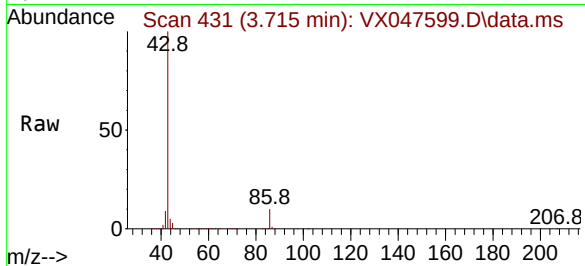




#23
 Vinyl Acetate
 Concen: 255.580 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

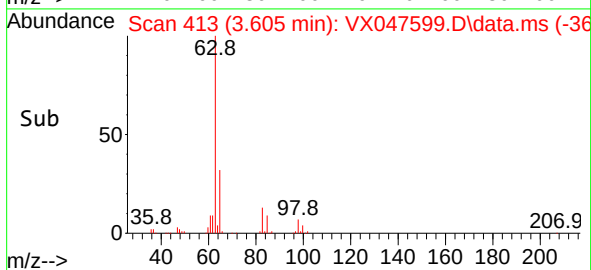
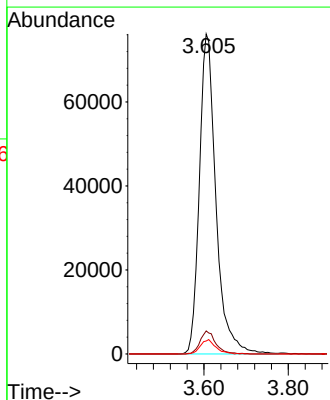
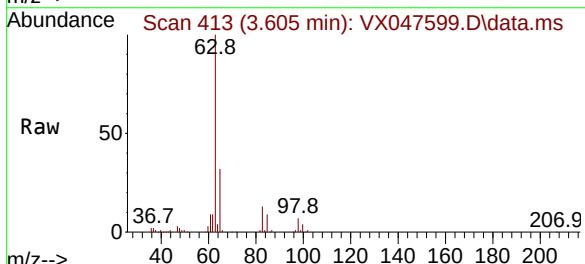
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

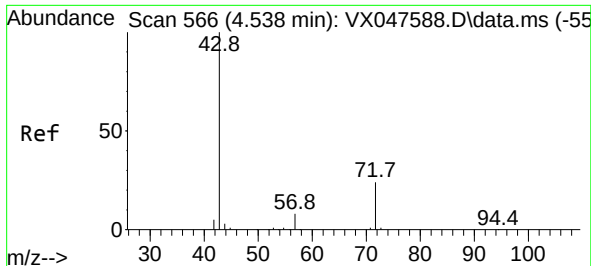
Tgt Ion: 43 Resp: 1616290
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.609 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

Tgt Ion: 63 Resp: 208348
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.1 2.3 6.9

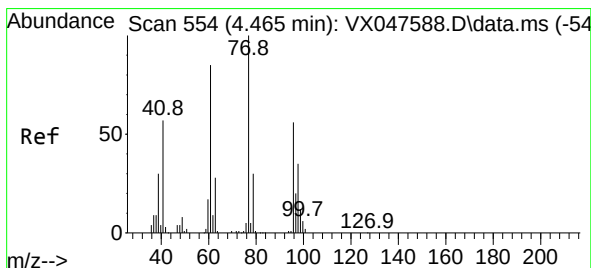
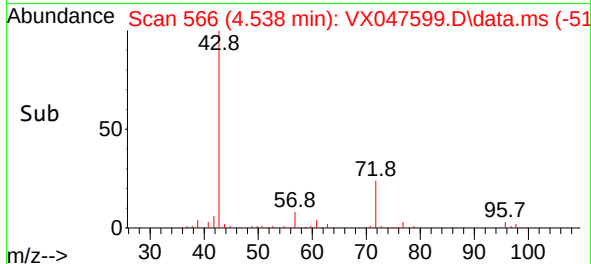
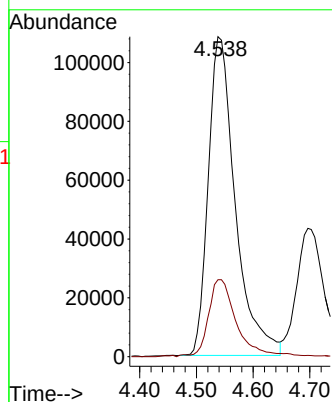
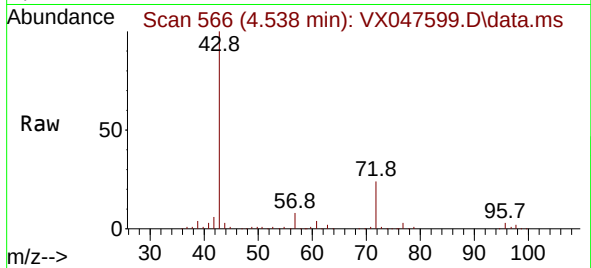




#25
2-Butanone
Concen: 249.740 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

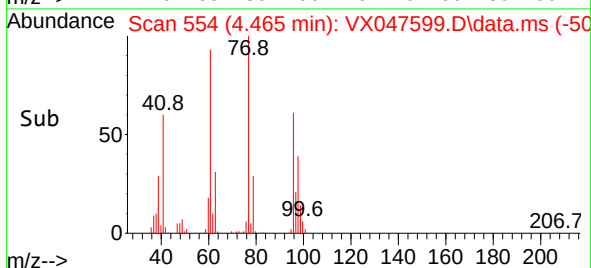
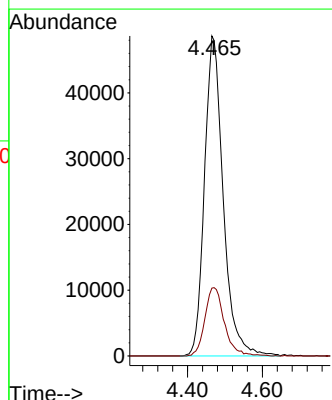
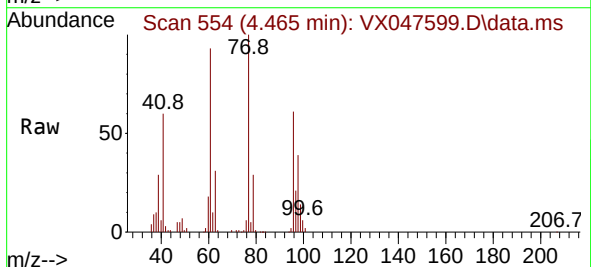
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

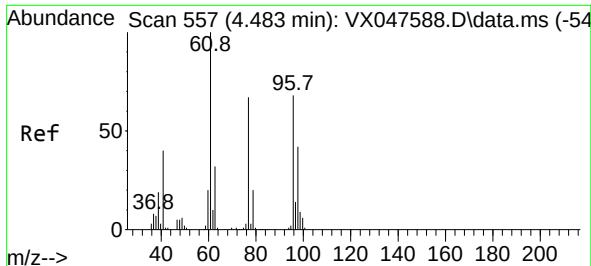
Tgt Ion: 43 Resp: 358543
Ion Ratio Lower Upper
43 100
72 23.4 20.1 30.1



#26
2,2-Dichloropropane
Concen: 48.407 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 77 Resp: 168993
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 50.038 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

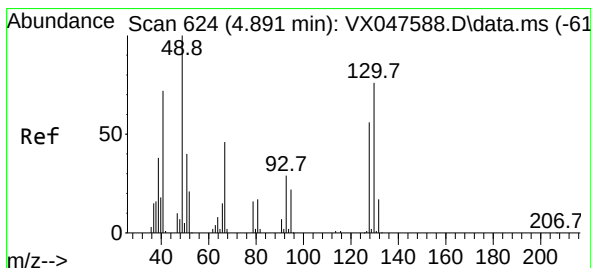
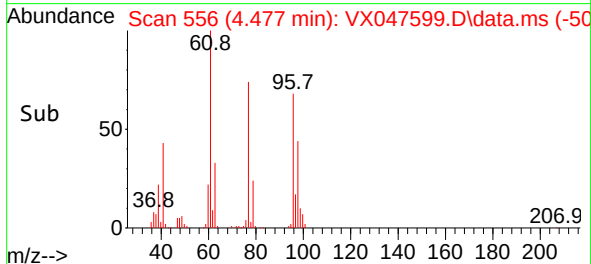
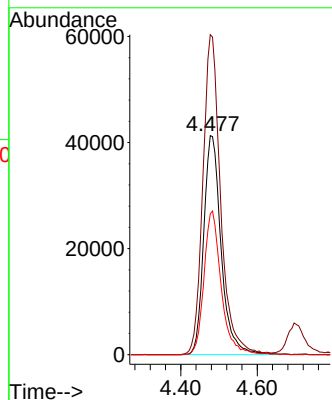
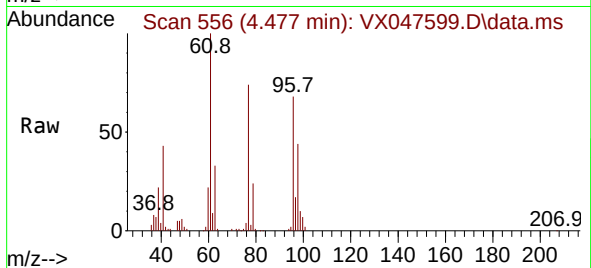
Tgt Ion: 96 Resp: 130354

Ion Ratio Lower Upper

96 100

61 149.1 0.0 303.2

98 64.9 0.0 127.8



#28

Bromochloromethane

Concen: 55.615 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

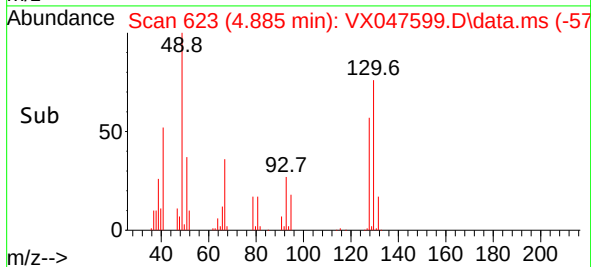
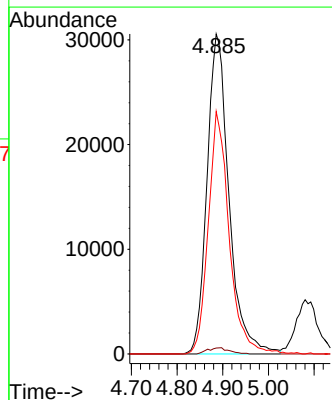
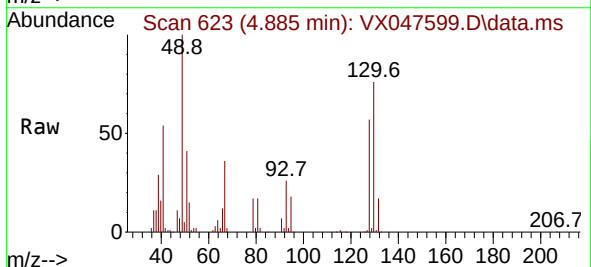
Tgt Ion: 49 Resp: 101969

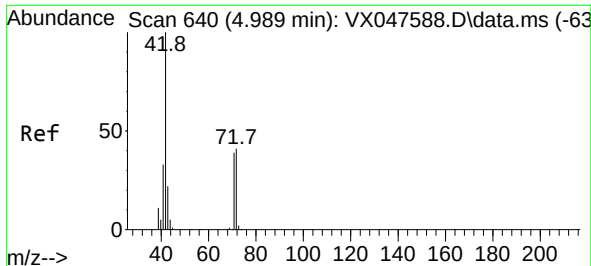
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 72.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 260.717 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

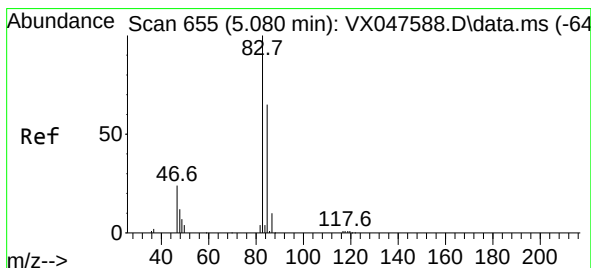
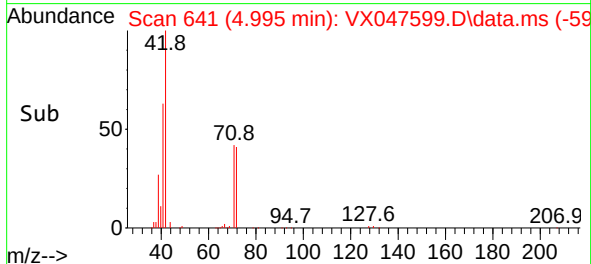
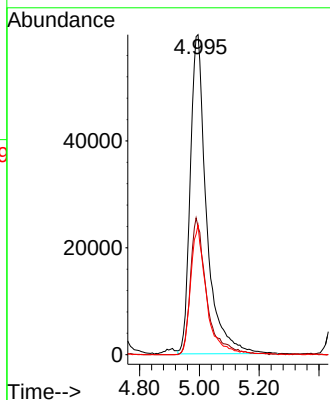
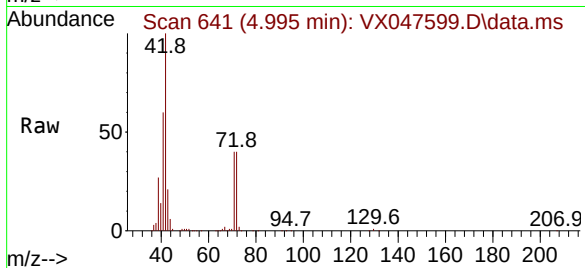
Tgt Ion: 42 Resp: 225172

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.2

71 38.9 31.9 47.9



#30

Chloroform

Concen: 50.639 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX047599.D

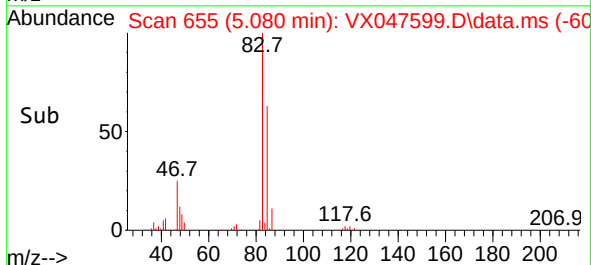
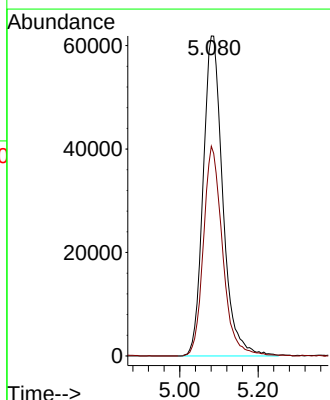
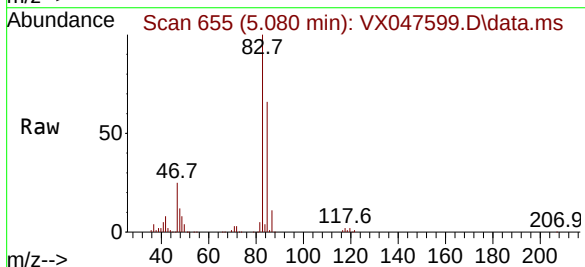
Acq: 16 Sep 2025 16:51

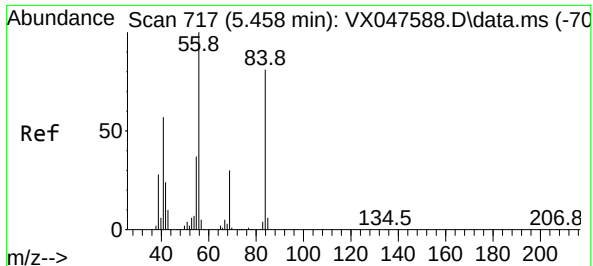
Tgt Ion: 83 Resp: 214911

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

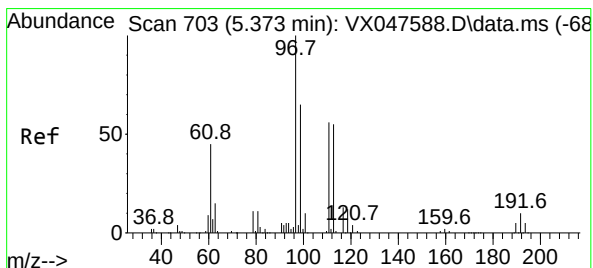
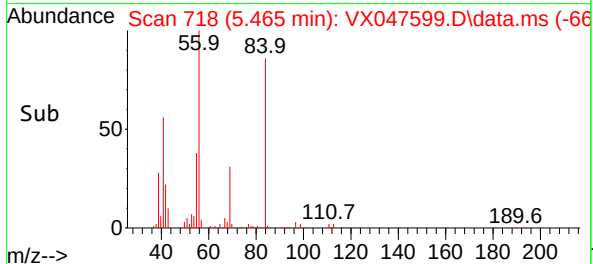
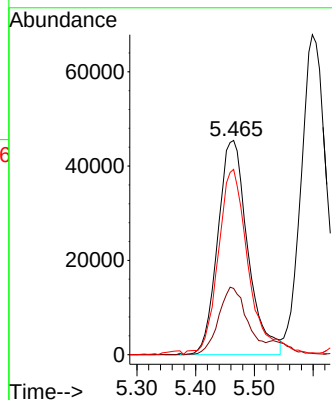
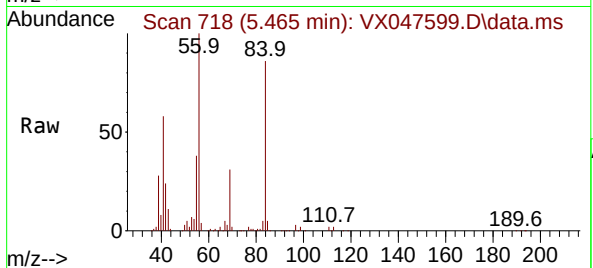




#31
Cyclohexane
Concen: 46.060 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

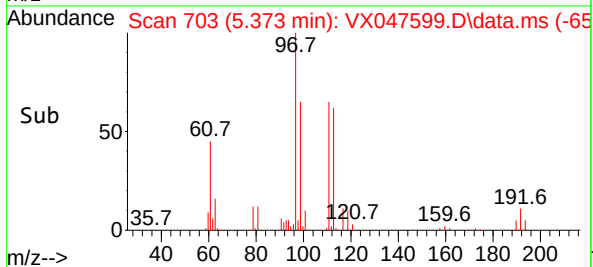
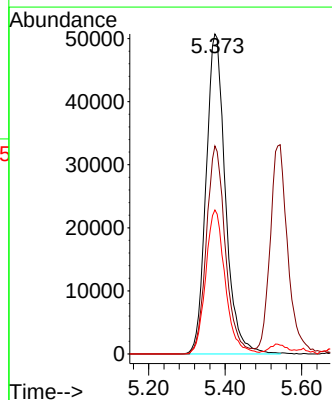
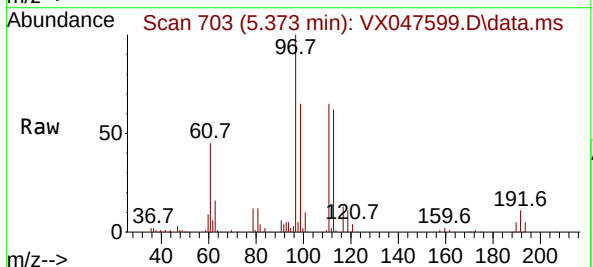
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

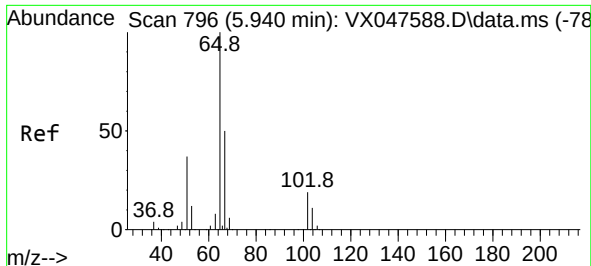
Tgt Ion: 56 Resp: 161112
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.8
84 84.7 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 49.346 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 97 Resp: 177635
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 45.6 35.8 53.8

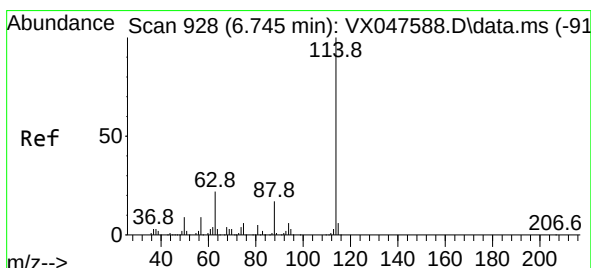
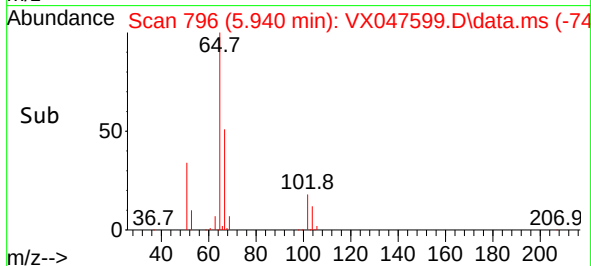
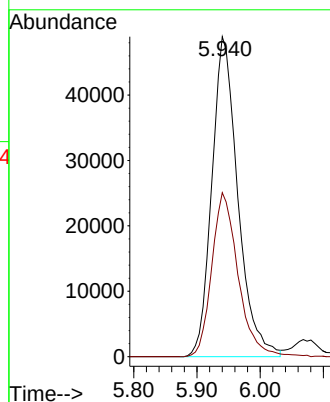
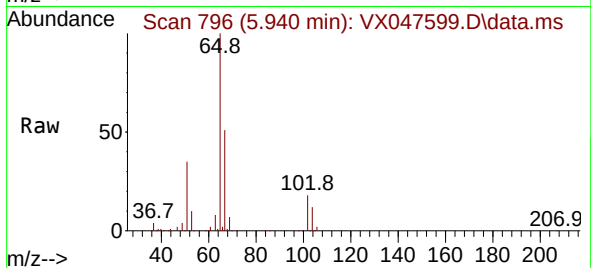




#33
 1,2-Dichloroethane-d4
 Concen: 52.739 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

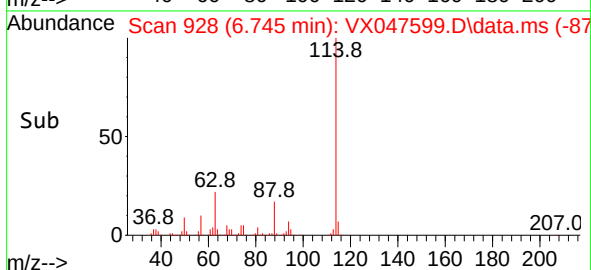
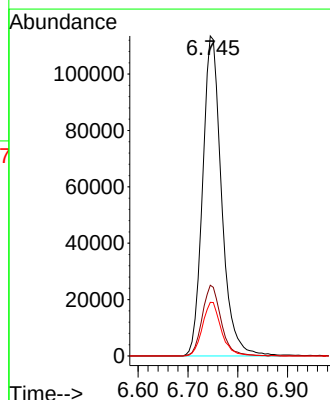
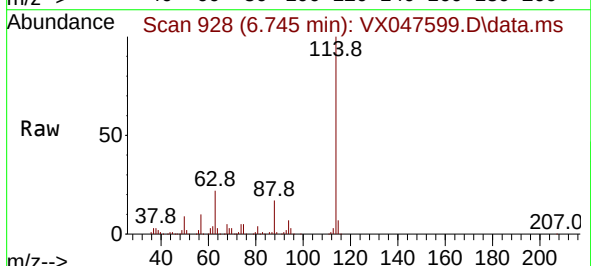
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

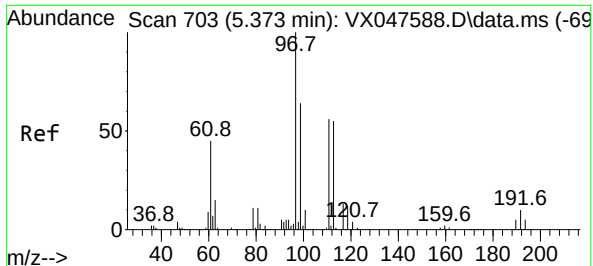
Tgt Ion: 65 Resp: 139604
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

Tgt Ion: 114 Resp: 299600
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 16.8 0.0 34.2

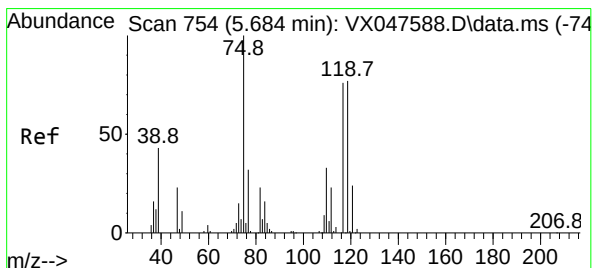
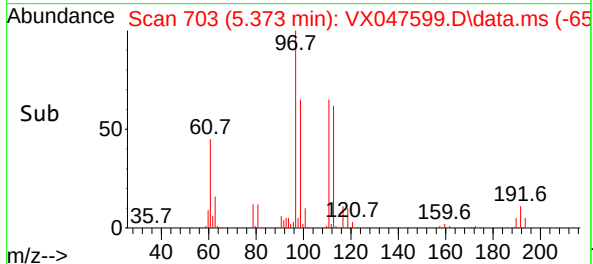
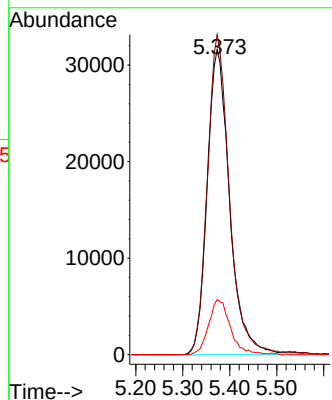
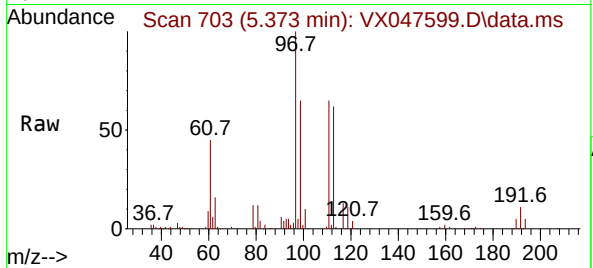




#35
Dibromofluoromethane
Concen: 52.030 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

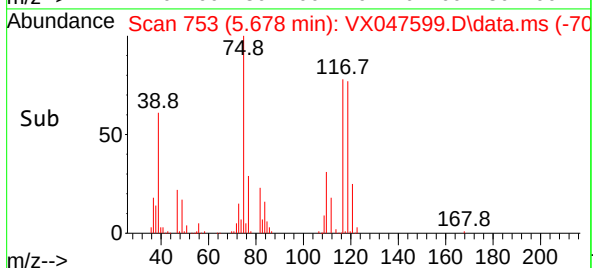
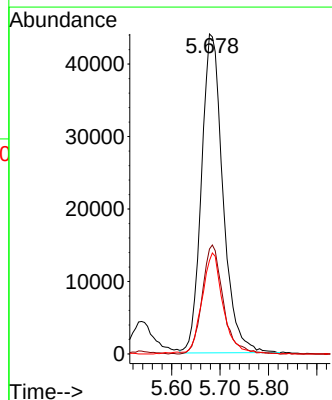
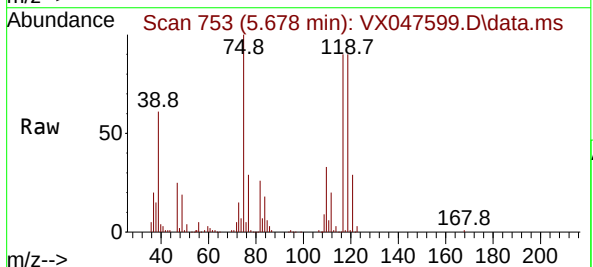
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

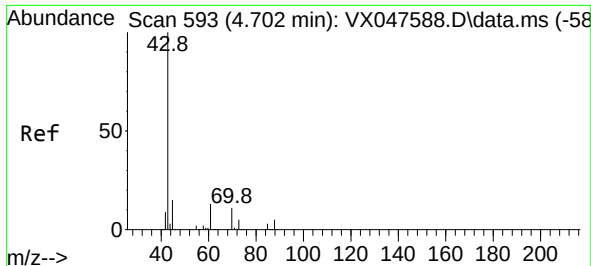
Tgt Ion:113 Resp: 104542
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 46.260 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 75 Resp: 135820
Ion Ratio Lower Upper
75 100
110 33.4 16.7 50.1
77 29.9 24.3 36.5





#37

Ethyl Acetate

Concen: 49.919 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

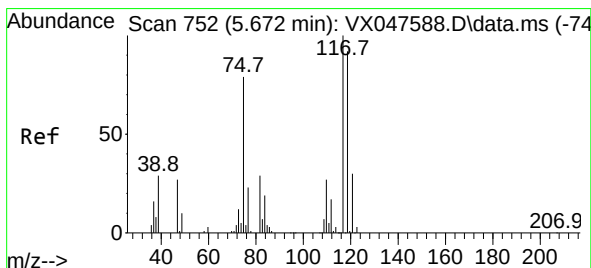
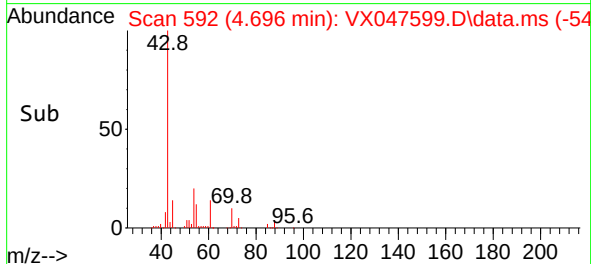
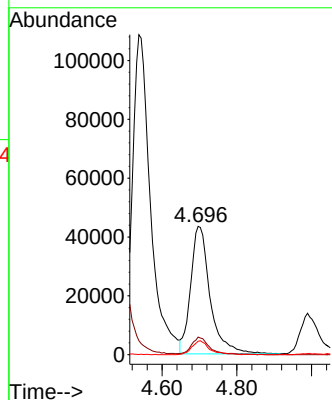
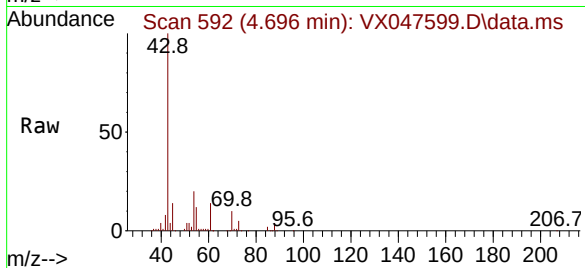
Tgt Ion: 43 Resp: 156928

Ion Ratio Lower Upper

43 100

61 13.0 9.8 14.8

70 9.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 46.607 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

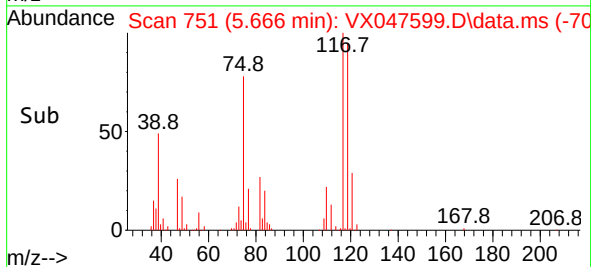
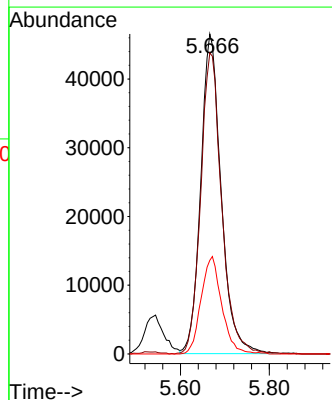
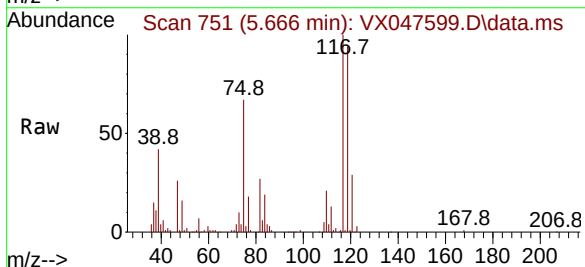
Tgt Ion: 117 Resp: 148678

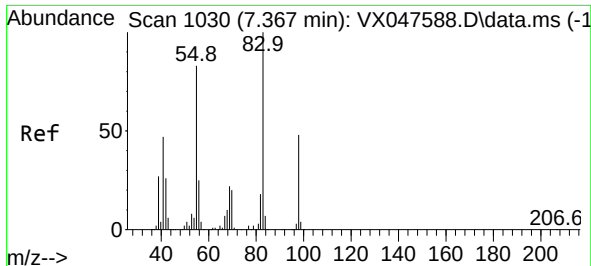
Ion Ratio Lower Upper

117 100

119 93.9 73.4 110.2

121 29.3 23.8 35.6





#39

Methylcyclohexane

Concen: 46.717 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

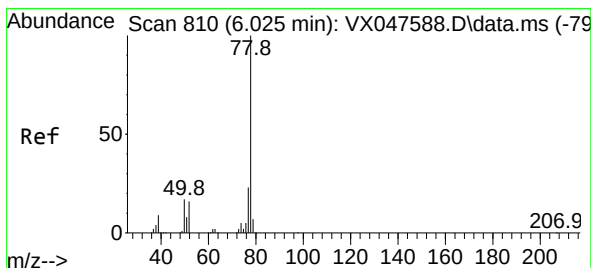
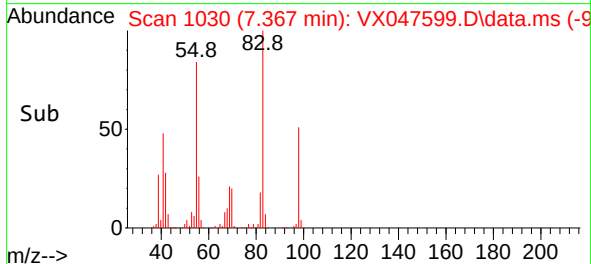
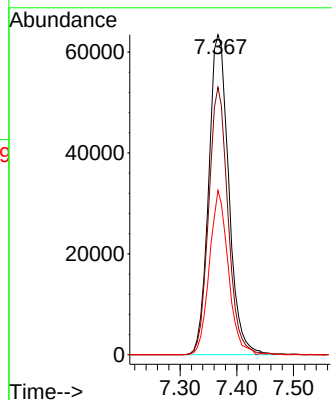
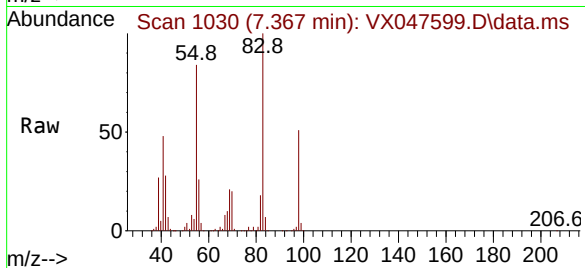
Tgt Ion: 83 Resp: 155698

Ion Ratio Lower Upper

83 100

55 83.5 66.4 99.6

98 51.3 38.1 57.1



#40

Benzene

Concen: 48.692 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX047599.D

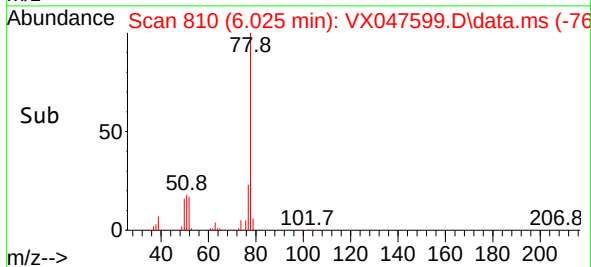
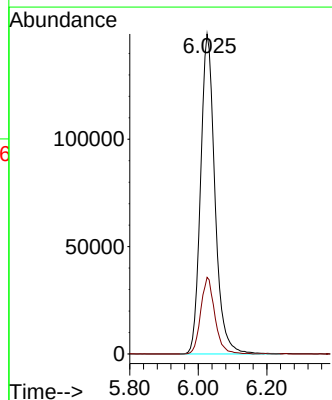
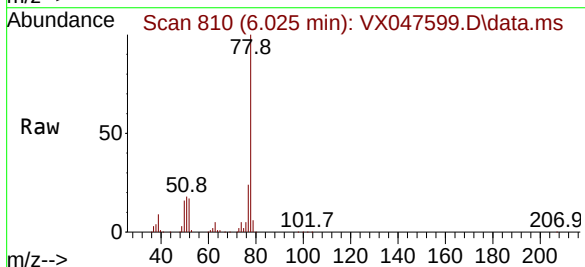
Acq: 16 Sep 2025 16:51

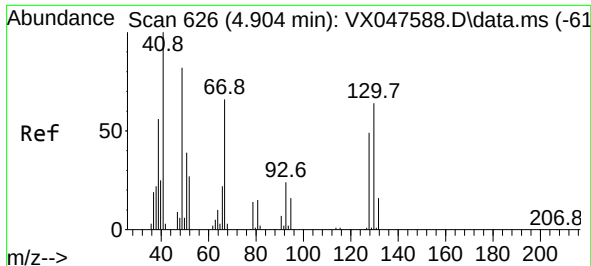
Tgt Ion: 78 Resp: 434215

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

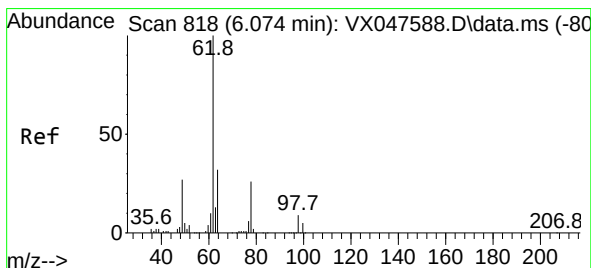
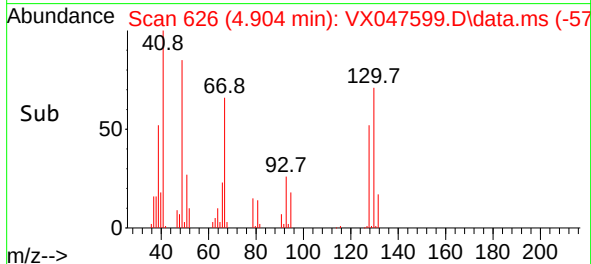
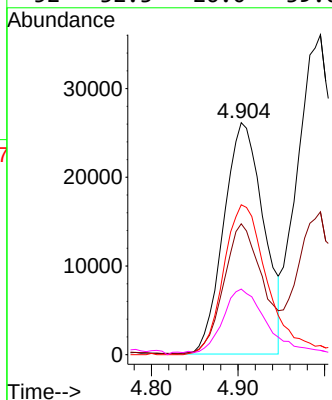
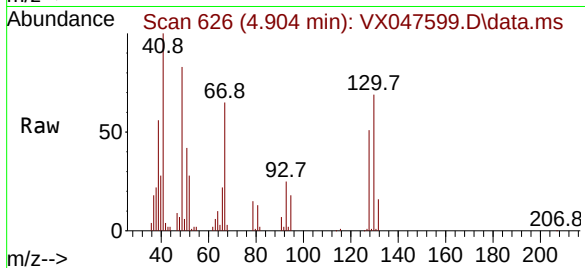




#41
Methacrylonitrile
Concen: 51.574 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

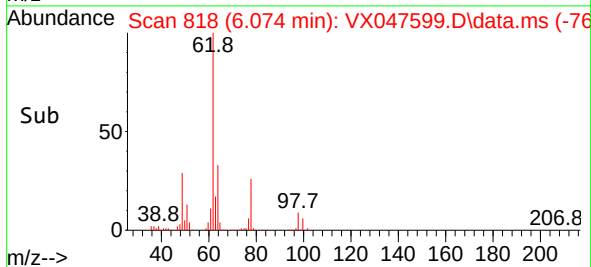
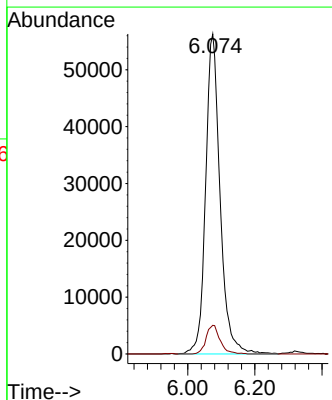
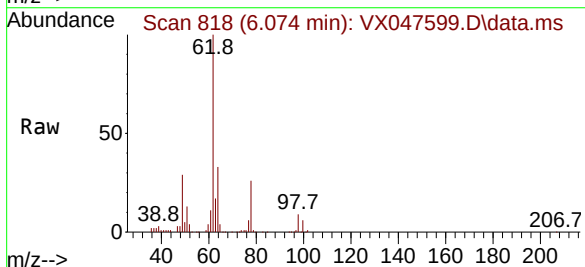
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

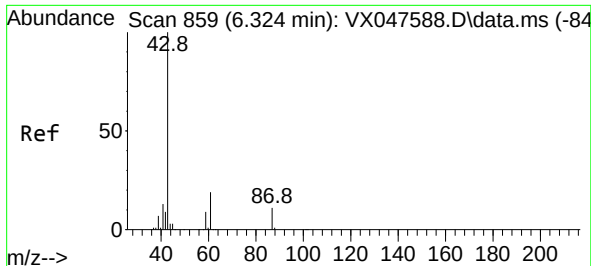
Tgt Ion:	41	Resp:	83701
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	73.6	58.6	87.8
52	32.3	26.0	39.0



#42
1,2-Dichloroethane
Concen: 49.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:	62	Resp:	168004
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

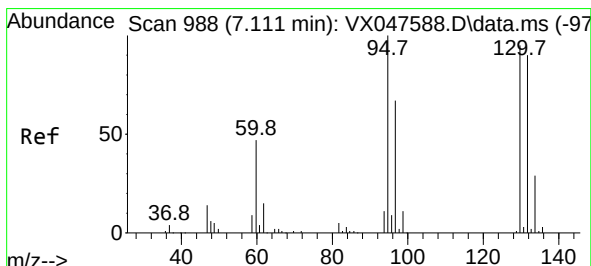
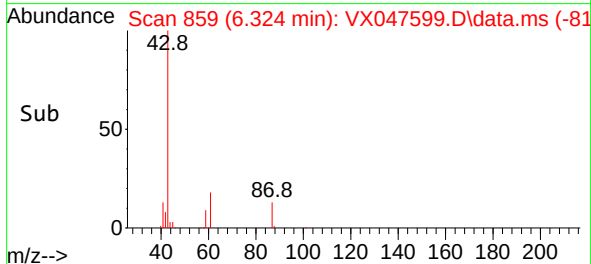
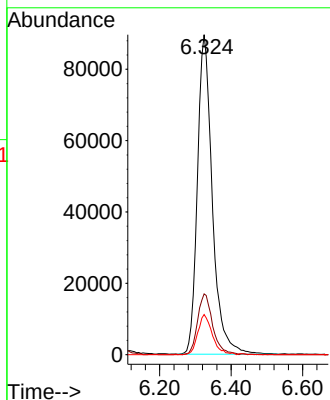
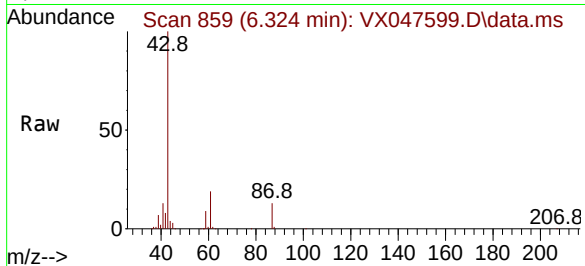




#43
Isopropyl Acetate
Concen: 50.257 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

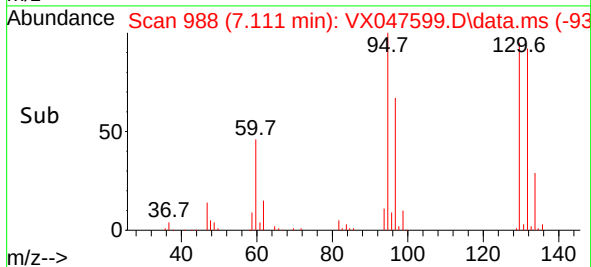
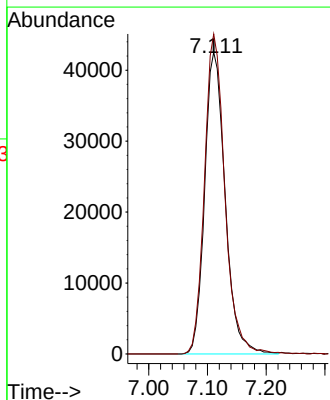
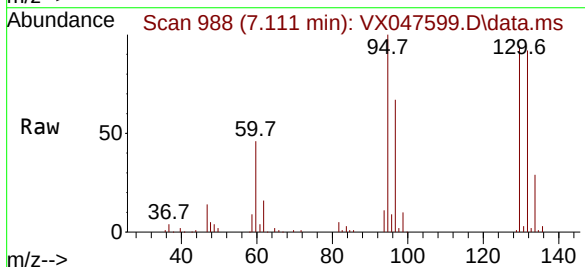
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

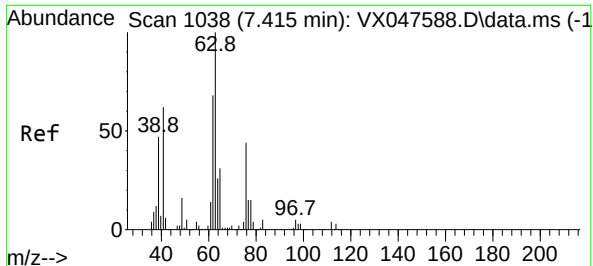
Tgt Ion: 43 Resp: 259117
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 47.824 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:130 Resp: 103104
Ion Ratio Lower Upper
130 100
95 106.1 0.0 210.8





#45

1,2-Dichloropropane

Concen: 49.482 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

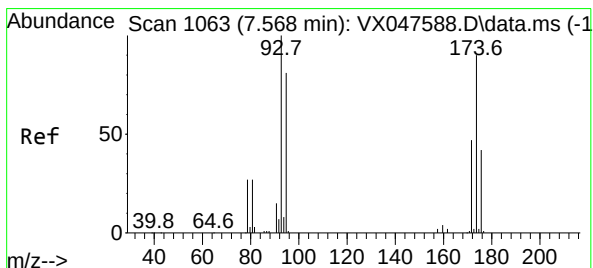
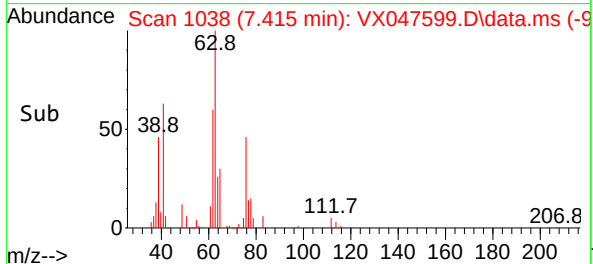
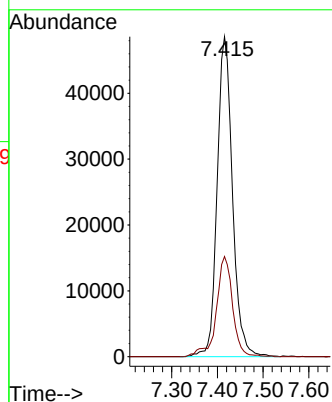
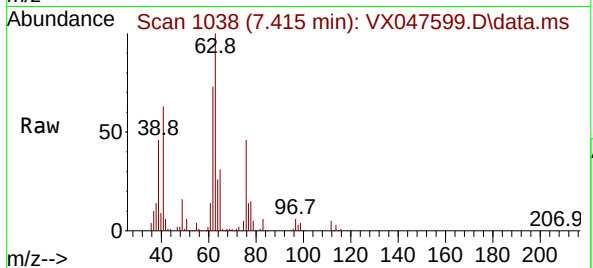
VSTDCCC050EC

Tgt Ion: 63 Resp: 112988

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 49.652 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

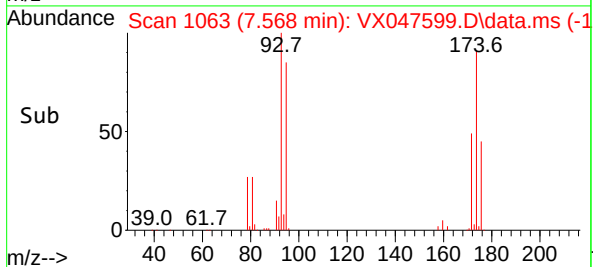
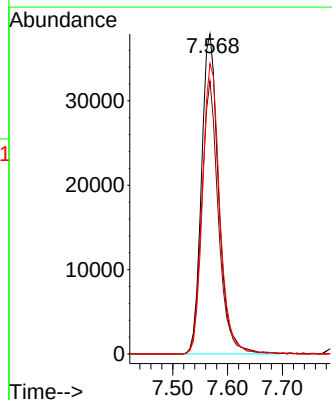
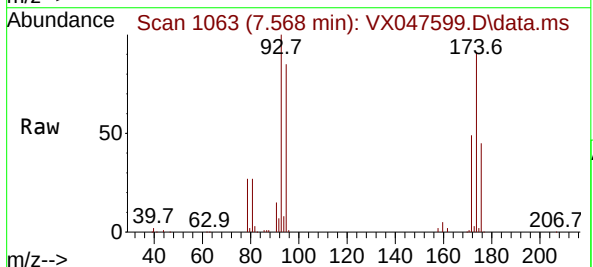
Tgt Ion: 93 Resp: 82504

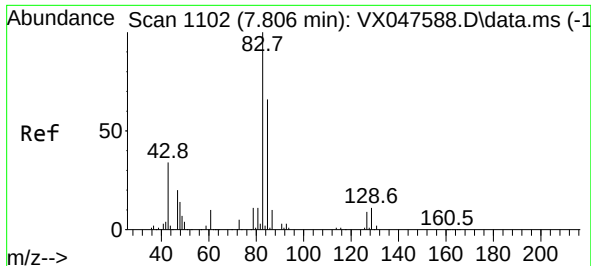
Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.6

174 90.9 71.6 107.4

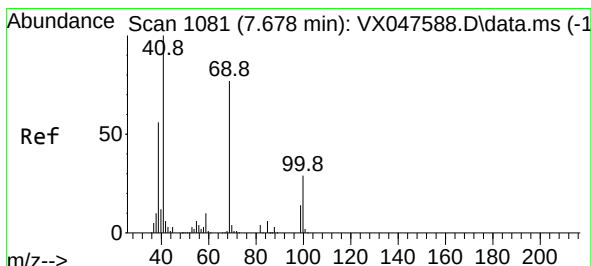
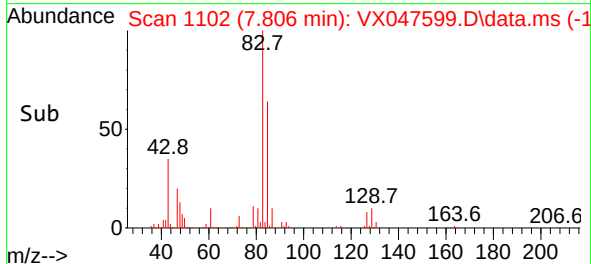
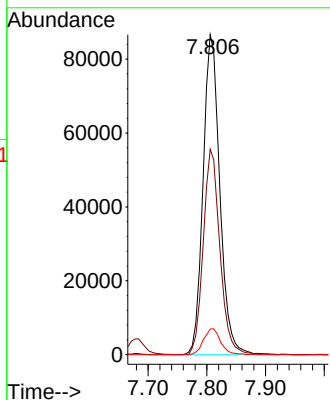
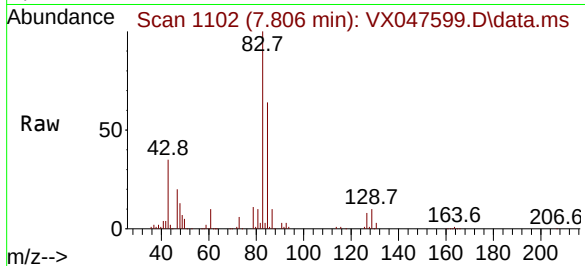




#47
Bromodichloromethane
Concen: 50.117 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

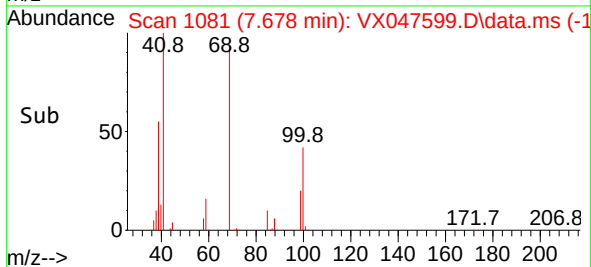
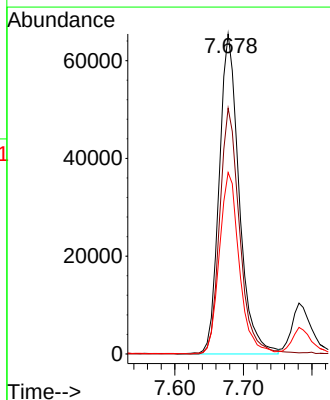
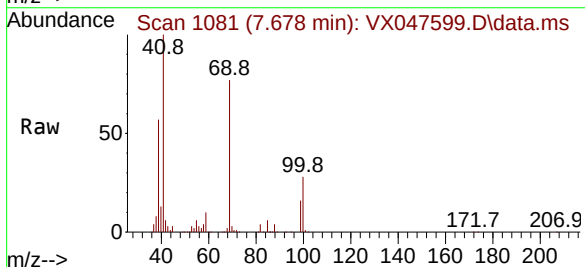
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

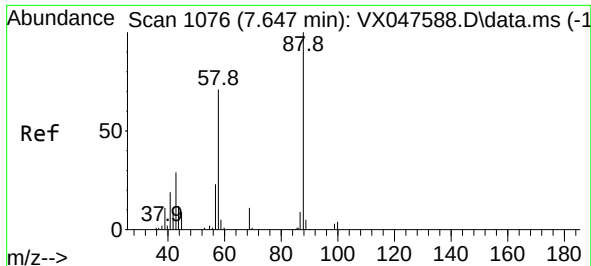
Tgt Ion: 83 Resp: 171848
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 51.520 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 41 Resp: 132311
Ion Ratio Lower Upper
41 100
69 76.3 61.4 92.2
39 56.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1084.536 ug/l

RT: 7.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

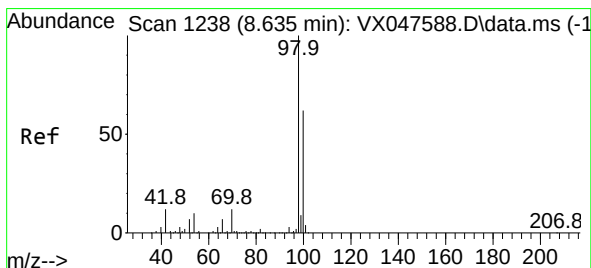
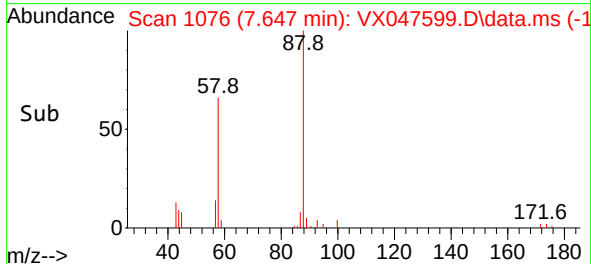
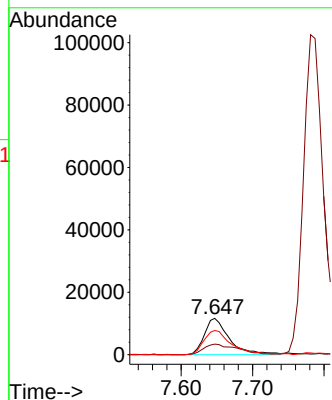
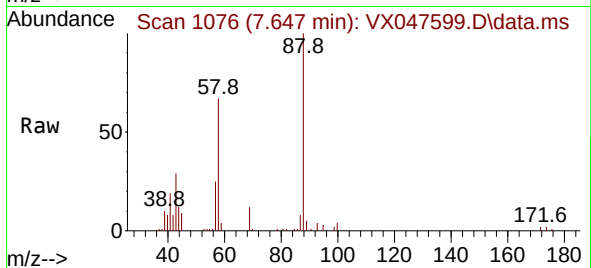
Tgt Ion: 88 Resp: 28148

Ion Ratio Lower Upper

88 100

43 39.6 30.2 45.2

58 73.2 59.5 89.3



#50

Toluene-d8

Concen: 51.879 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX047599.D

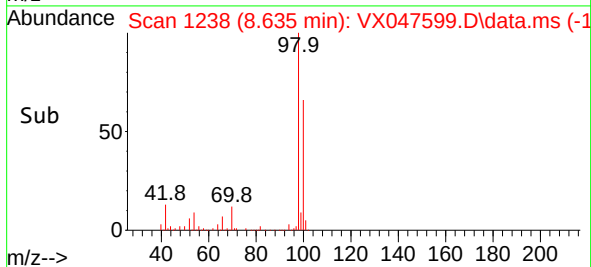
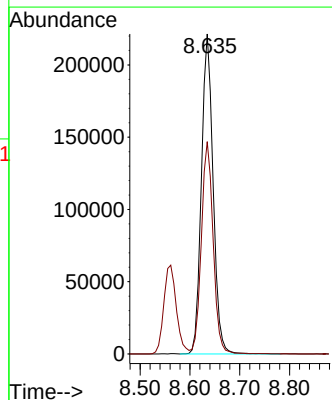
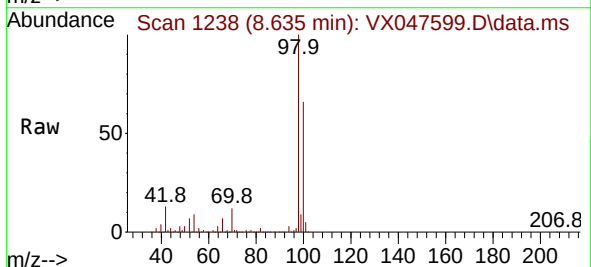
Acq: 16 Sep 2025 16:51

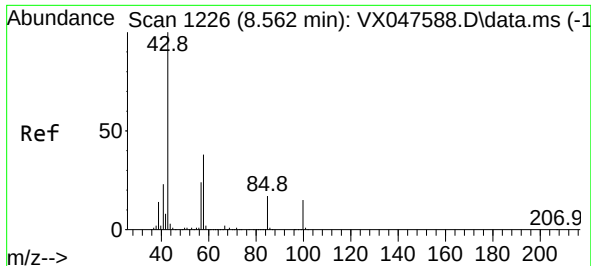
Tgt Ion: 98 Resp: 360692

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4

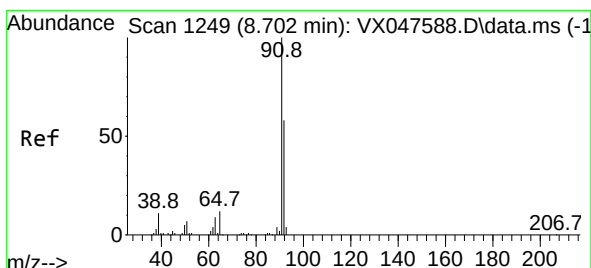
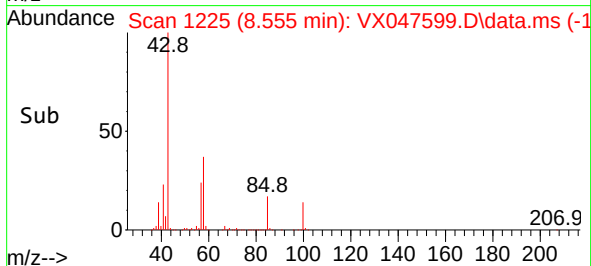
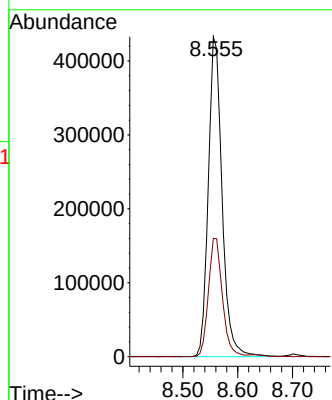
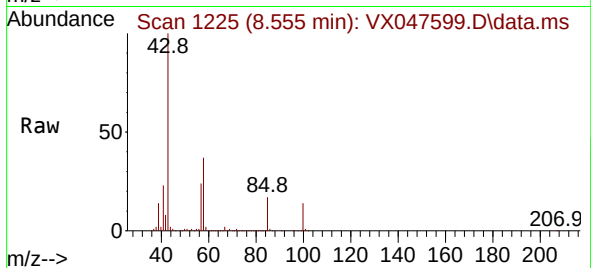




#51
4-Methyl-2-Pentanone
Concen: 263.626 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

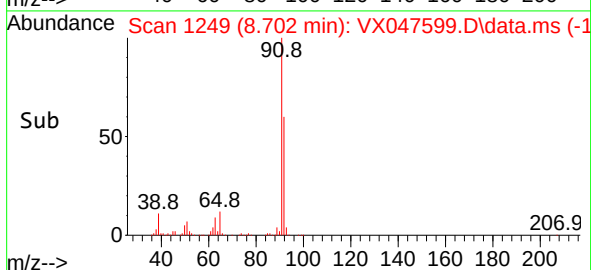
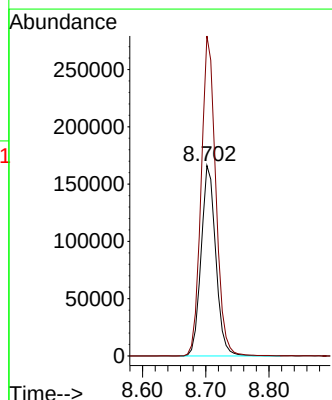
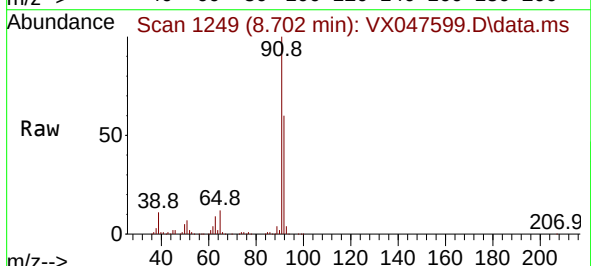
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

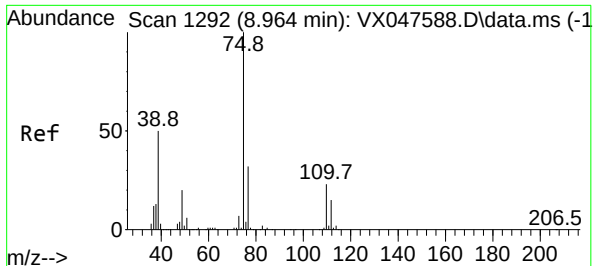
Tgt Ion: 43 Resp: 753600
Ion Ratio Lower Upper
43 100
58 37.5 30.3 45.5



#52
Toluene
Concen: 48.762 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 92 Resp: 267900
Ion Ratio Lower Upper
92 100
91 168.0 137.1 205.7

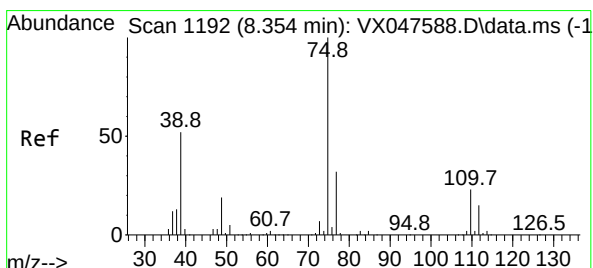
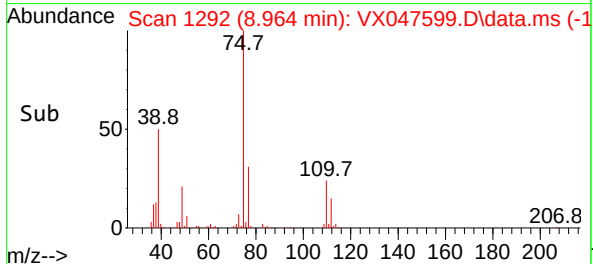
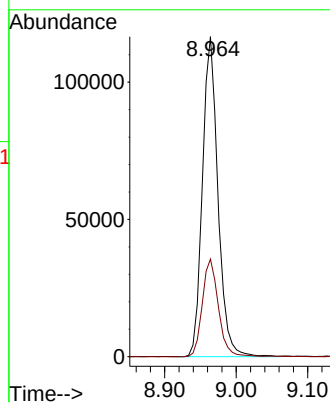
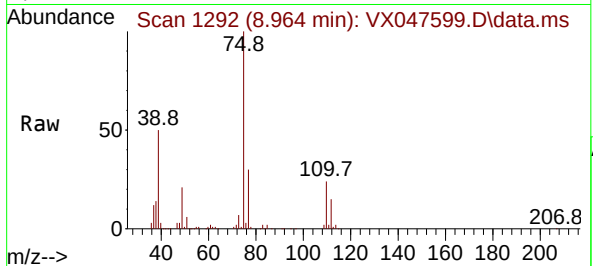




#53
t-1,3-Dichloropropene
Concen: 50.275 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

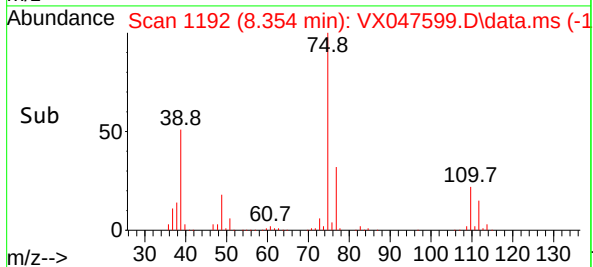
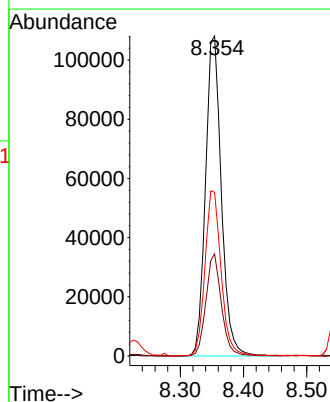
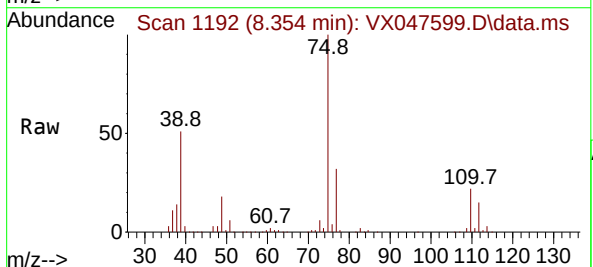
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

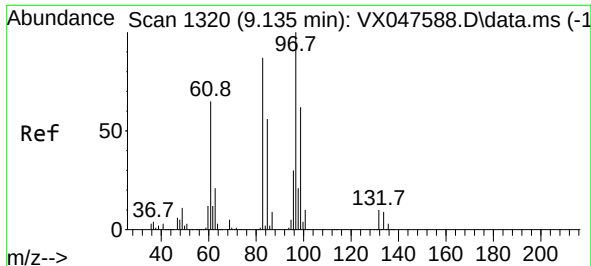
Tgt Ion: 75 Resp: 175838
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.510 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 75 Resp: 188823
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
39 50.4 41.4 62.2



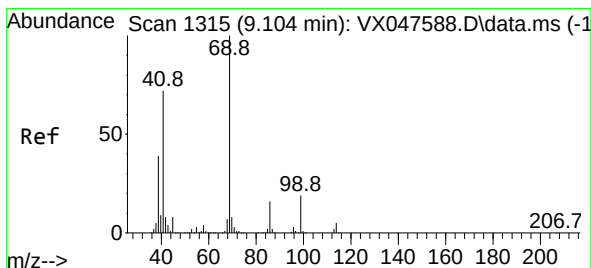
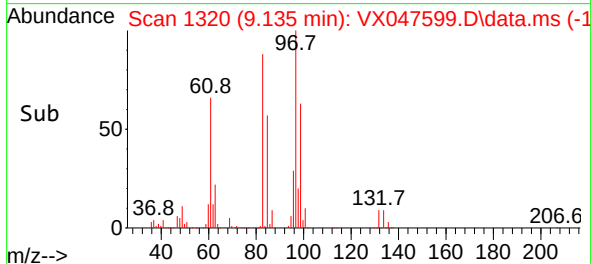
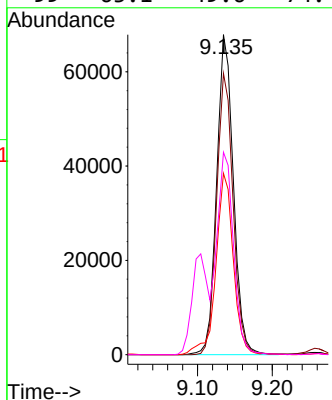
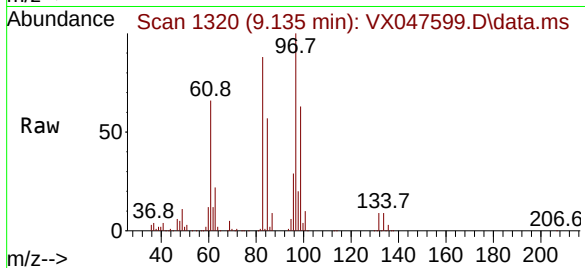


#55
 1,1,2-Trichloroethane
 Concen: 49.938 ug/l
 RT: 9.135 min Scan# 1320
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 105793

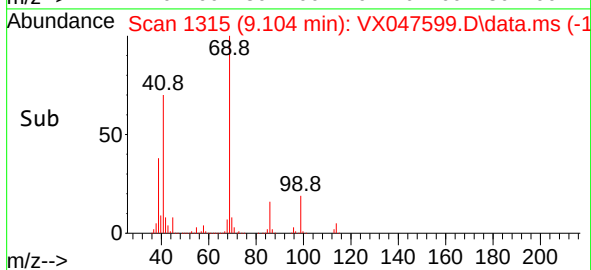
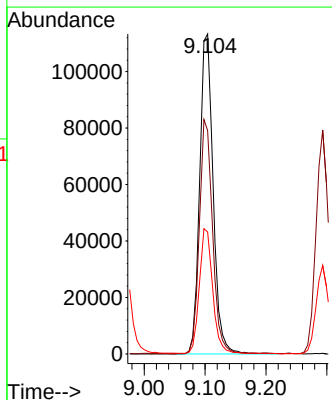
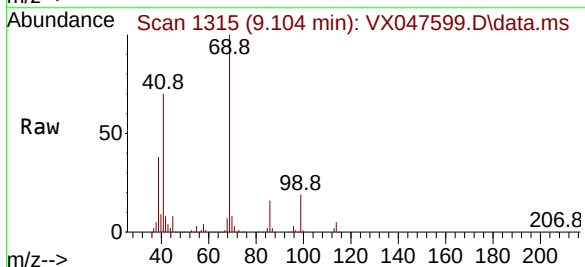
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.6	45.0	67.6
99	63.1	49.6	74.4

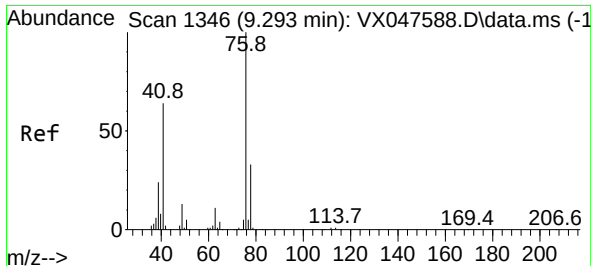


#56
 Ethyl methacrylate
 Concen: 52.429 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VX047599.D
 Acq: 16 Sep 2025 16:51

Tgt Ion: 69 Resp: 174430

Ion	Ratio	Lower	Upper
69	100		
41	72.4	58.6	87.8
39	38.5	31.5	47.3

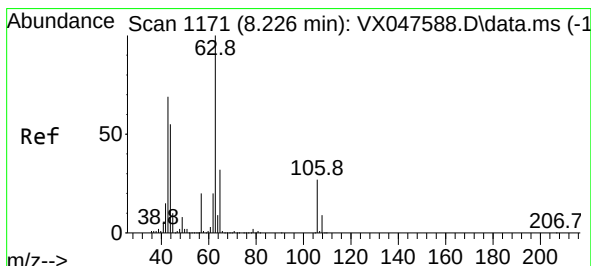
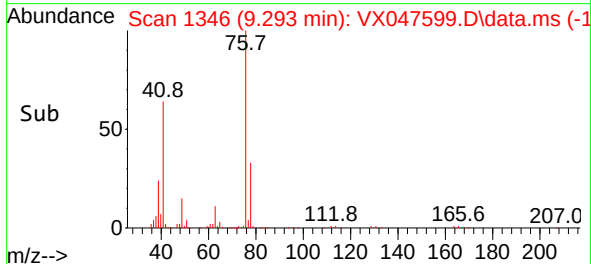
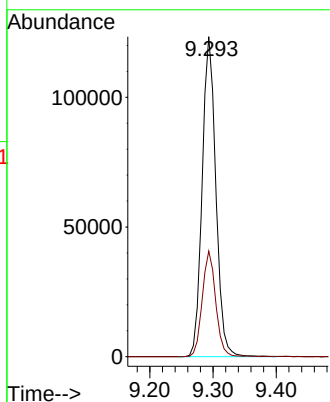
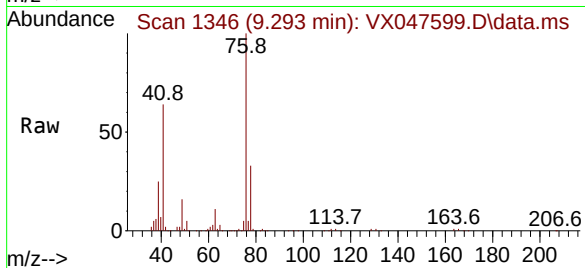




#57
1,3-Dichloropropane
Concen: 51.096 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

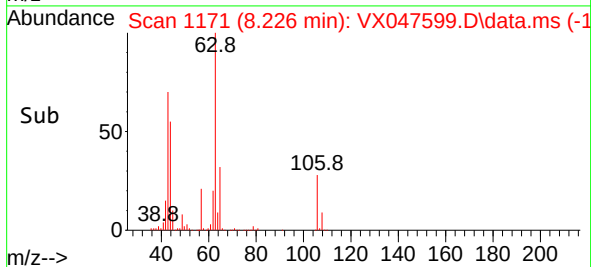
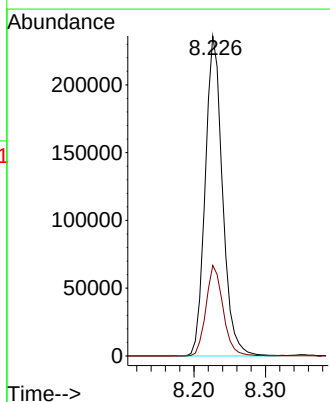
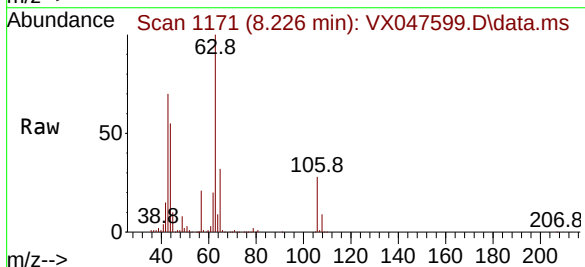
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

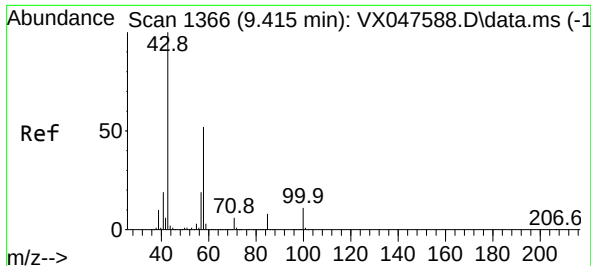
Tgt Ion: 76 Resp: 185947
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 249.679 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 63 Resp: 396810
Ion Ratio Lower Upper
63 100
106 28.0 21.9 32.9

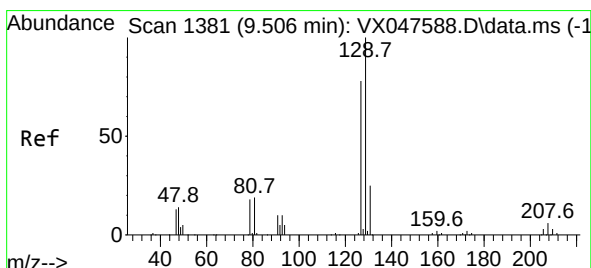
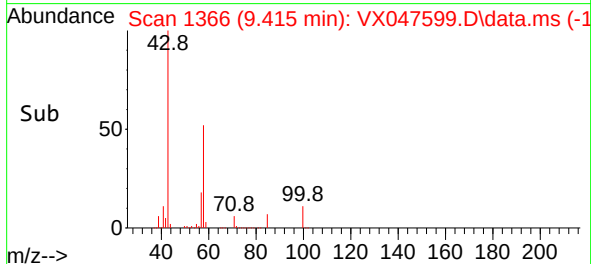
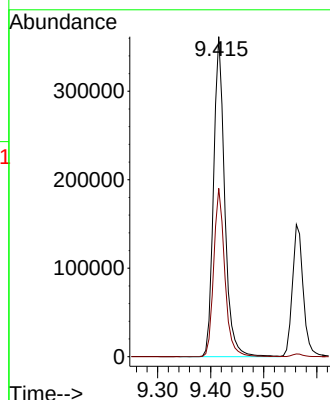
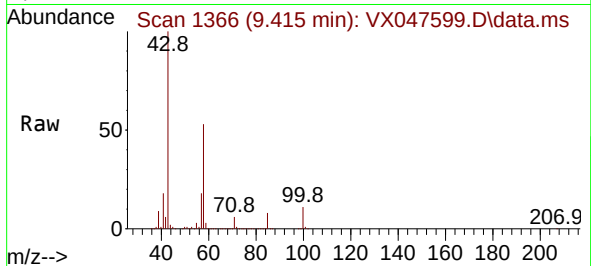




#59
2-Hexanone
Concen: 257.118 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

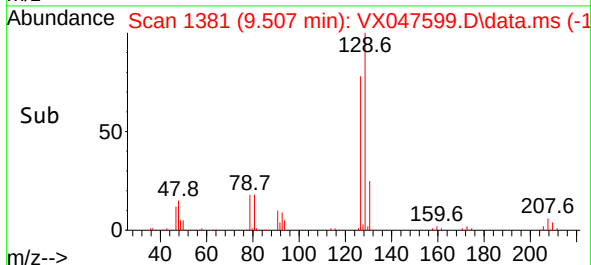
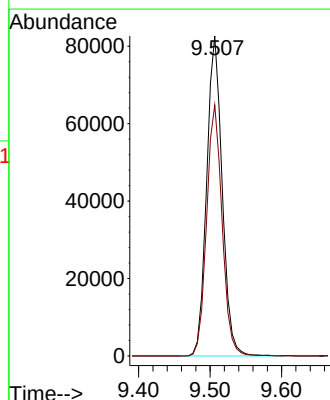
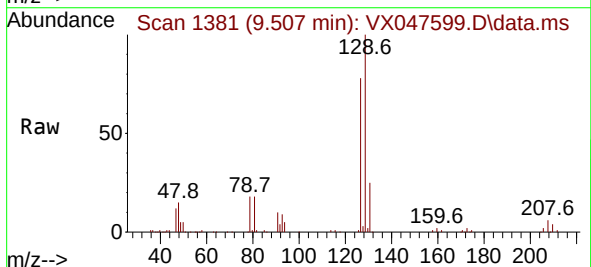
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

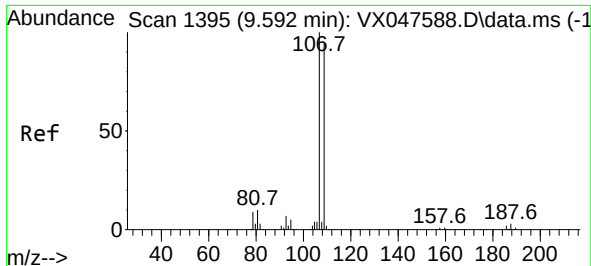
Tgt Ion: 43 Resp: 527878
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.2



#60
Dibromochloromethane
Concen: 50.924 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:129 Resp: 124303
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.2

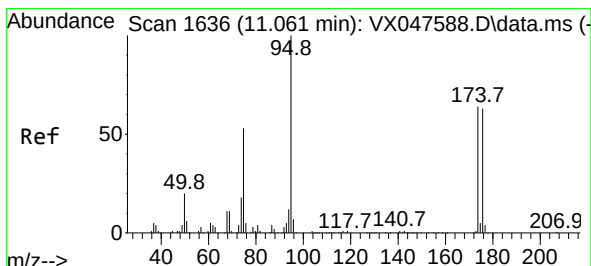
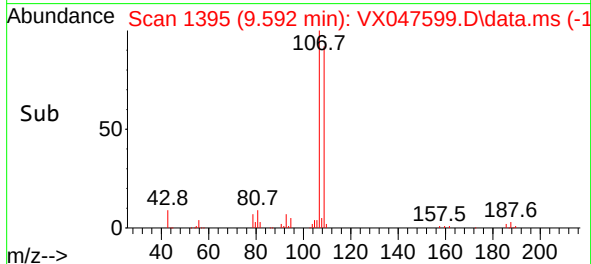
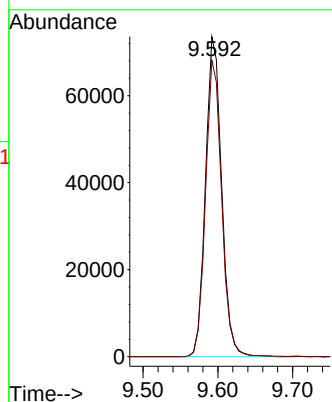
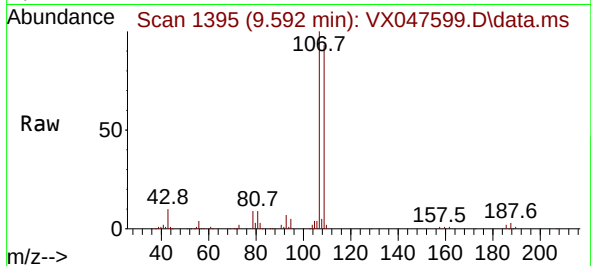




#61
1,2-Dibromoethane
Concen: 51.092 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

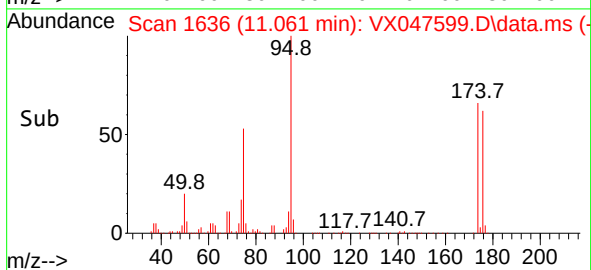
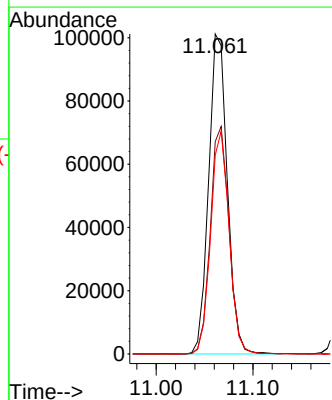
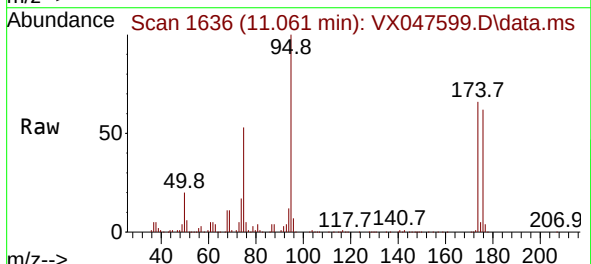
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

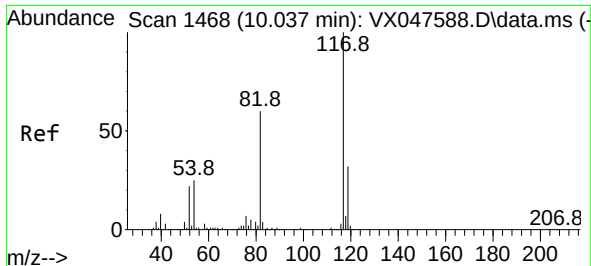
Tgt Ion:107 Resp: 110246
Ion Ratio Lower Upper
107 100
109 92.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.589 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 95 Resp: 136122
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.6
176 68.5 0.0 138.4

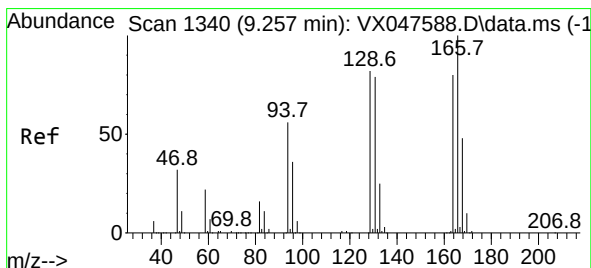
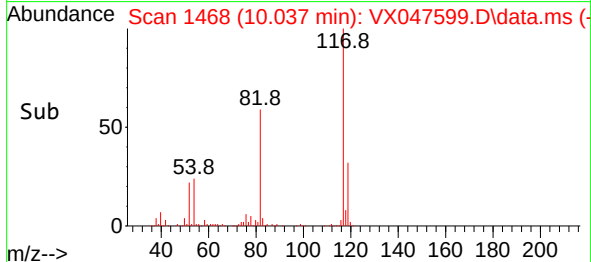
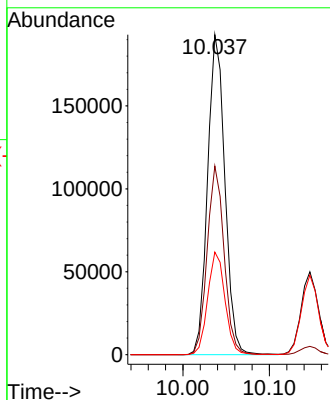
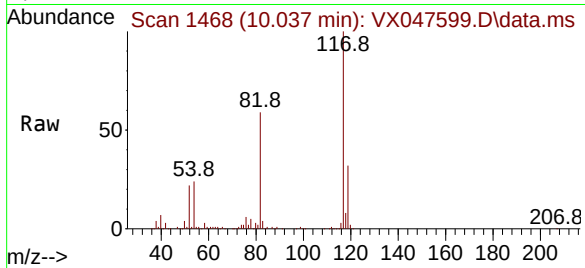




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

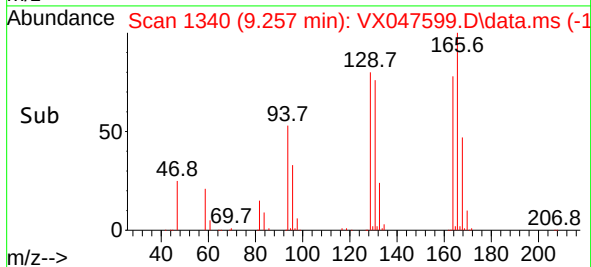
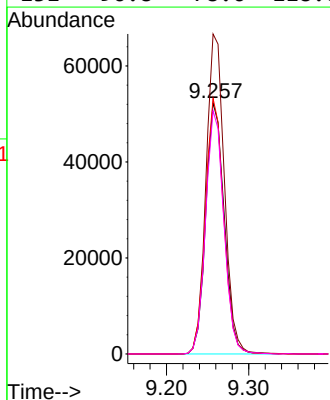
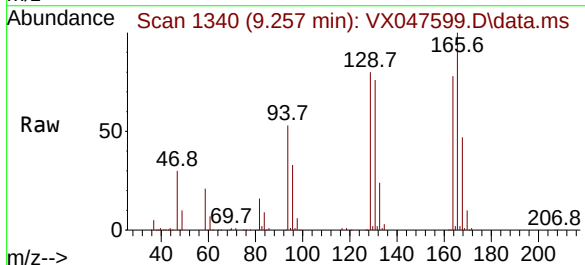
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

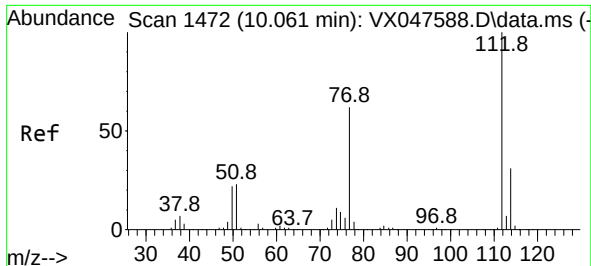
Tgt Ion:117 Resp: 267455
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 46.675 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:164 Resp: 81379
Ion Ratio Lower Upper
164 100
166 127.4 100.2 150.2
129 101.7 81.8 122.6
131 96.8 78.6 118.0

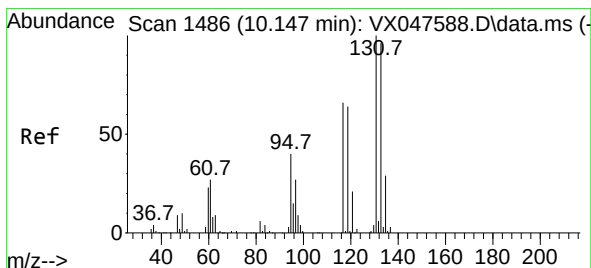
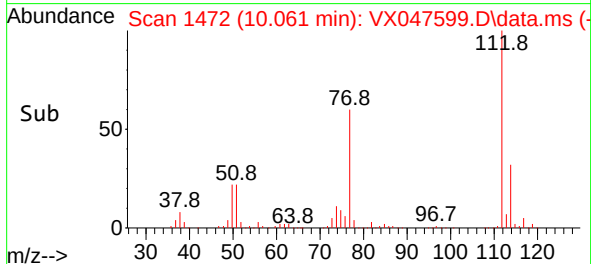
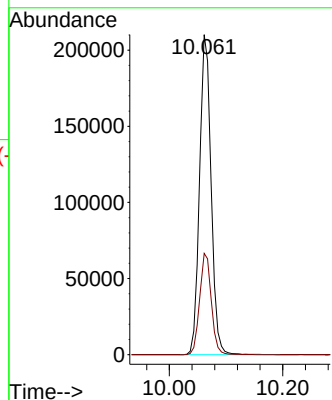
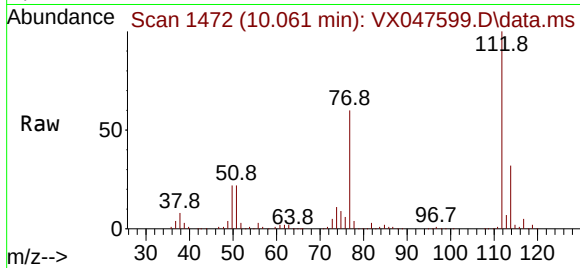




#65
Chlorobenzene
Concen: 48.783 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

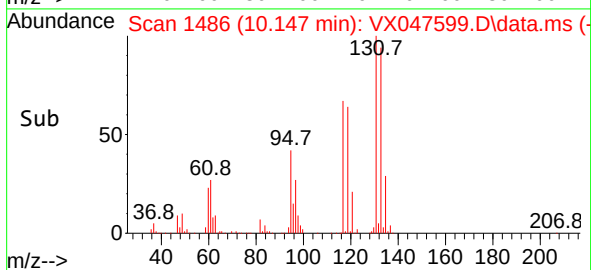
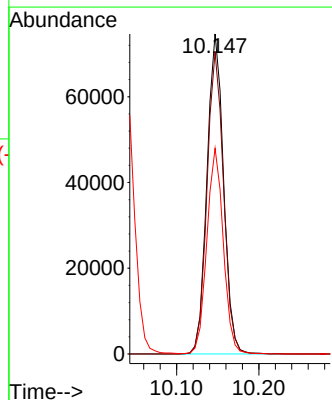
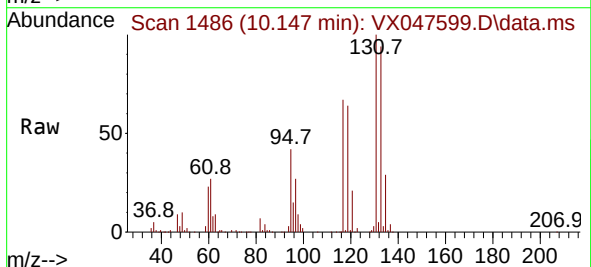
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

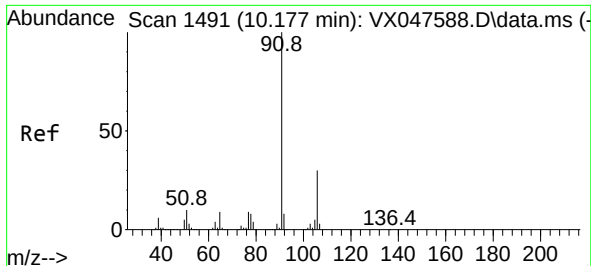
Tgt Ion:112 Resp: 296410
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.900 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:131 Resp: 104624
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 63.8 32.0 96.0





#67

Ethyl Benzene

Concen: 48.752 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

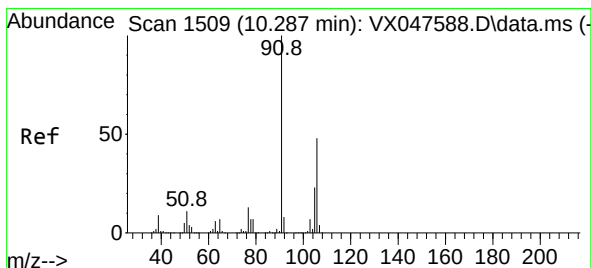
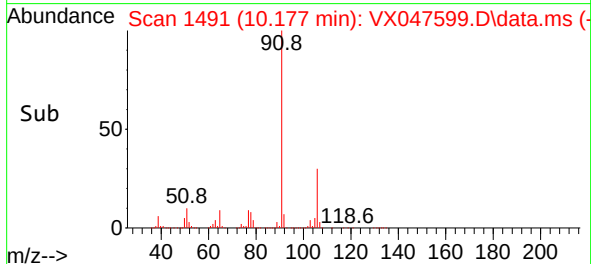
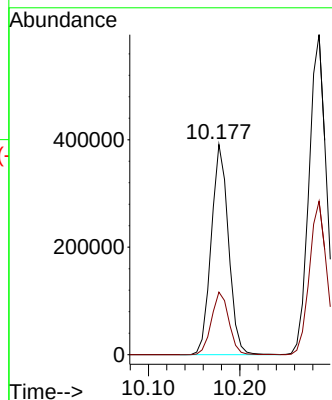
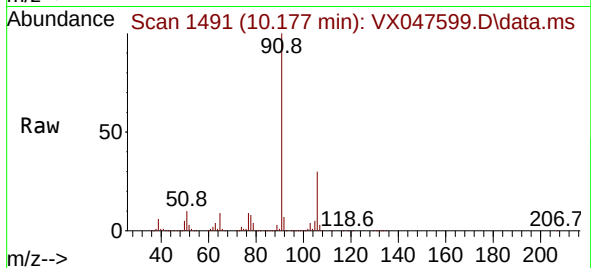
VSTDCCC050EC

Tgt Ion: 91 Resp: 511106

Ion Ratio Lower Upper

91 100

106 29.7 24.3 36.5



#68

m/p-Xylenes

Concen: 97.014 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX047599.D

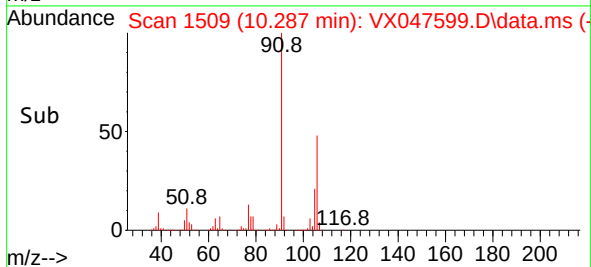
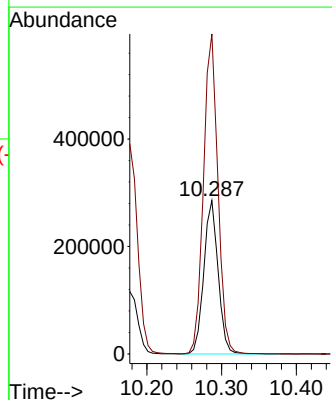
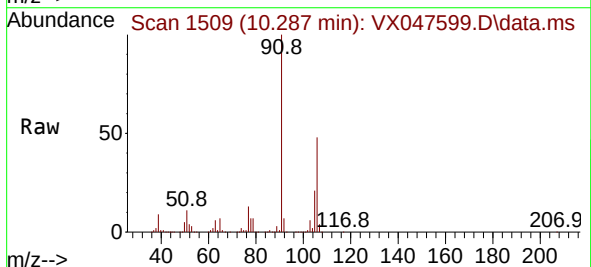
Acq: 16 Sep 2025 16:51

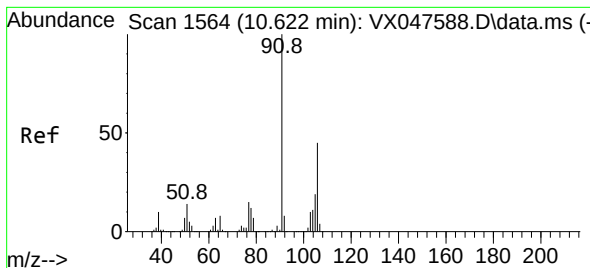
Tgt Ion: 106 Resp: 378564

Ion Ratio Lower Upper

106 100

91 210.7 167.8 251.8





#69

o-Xylene

Concen: 49.385 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

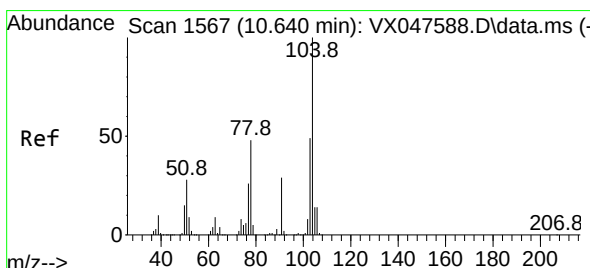
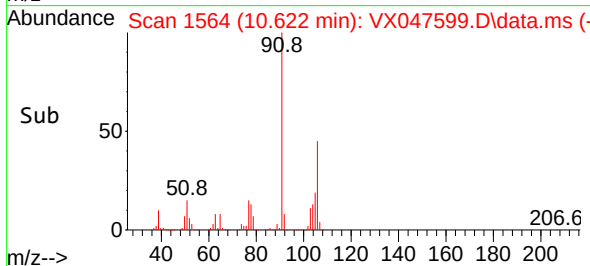
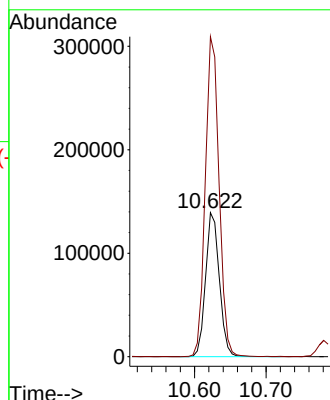
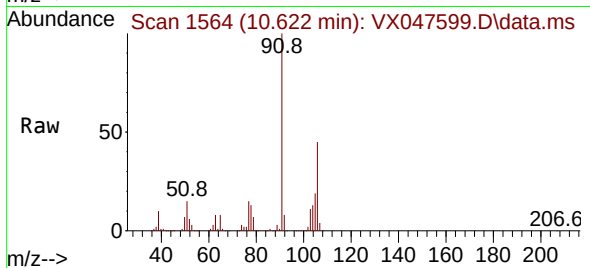
VSTDCCC050EC

Tgt Ion:106 Resp: 186392

Ion Ratio Lower Upper

106 100

91 222.0 111.1 333.4



#70

Styrene

Concen: 49.451 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

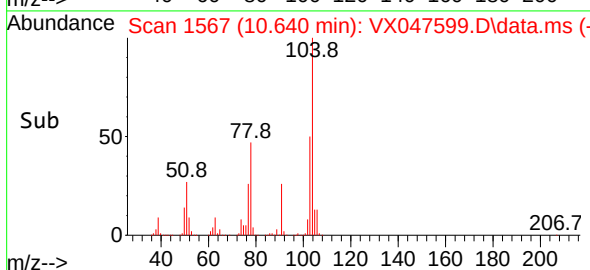
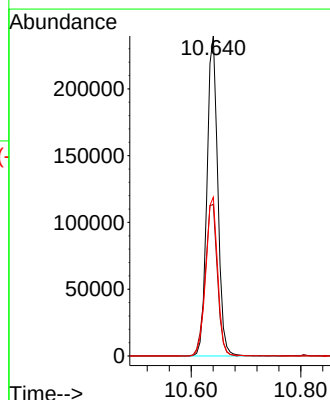
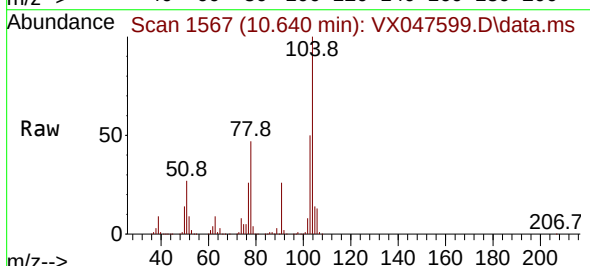
Tgt Ion:104 Resp: 327033

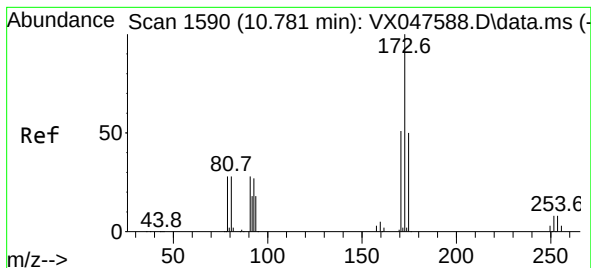
Ion Ratio Lower Upper

104 100

78 53.4 43.1 64.7

103 54.4 43.1 64.7





#71

Bromoform

Concen: 50.782 ug/l

RT: 10.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

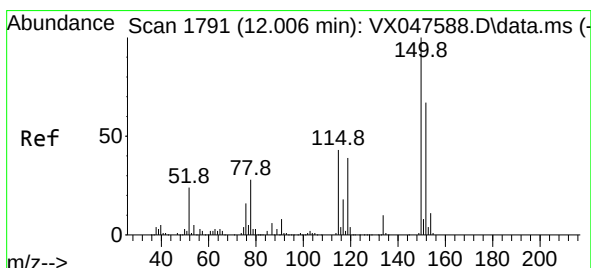
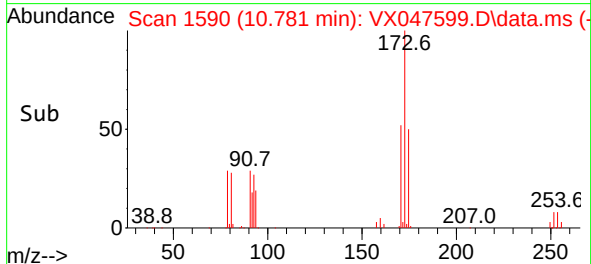
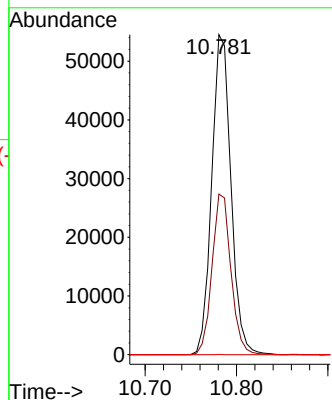
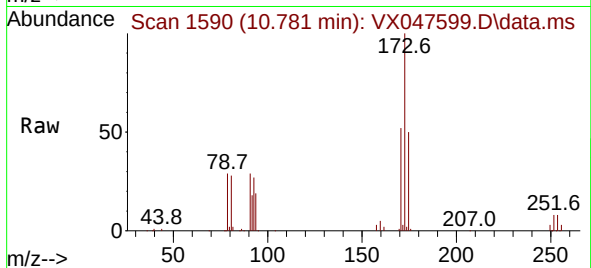
Tgt Ion:173 Resp: 79504

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

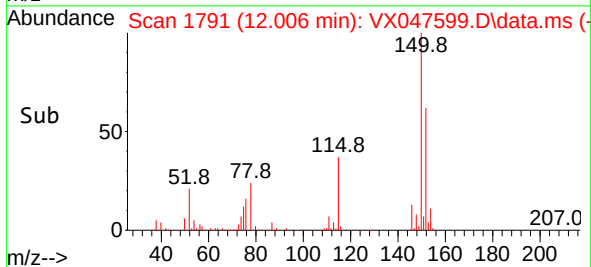
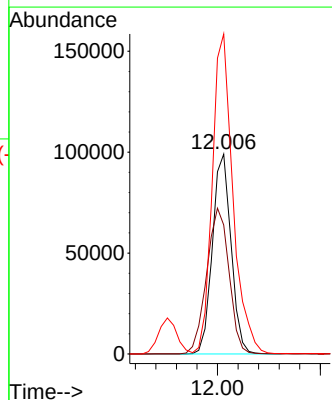
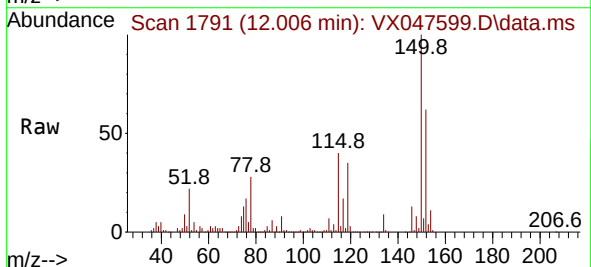
Tgt Ion:152 Resp: 124408

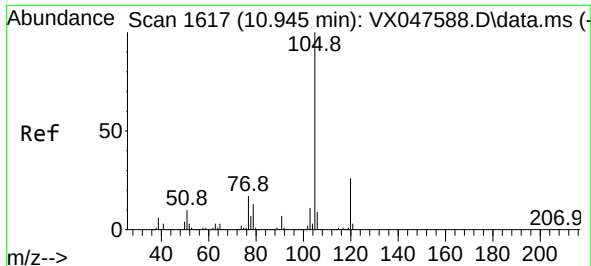
Ion Ratio Lower Upper

152 100

115 87.8 44.9 134.5

150 177.1 0.0 352.0

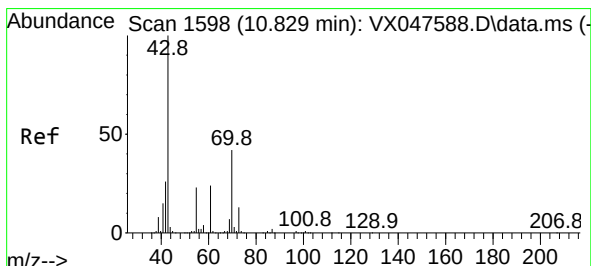
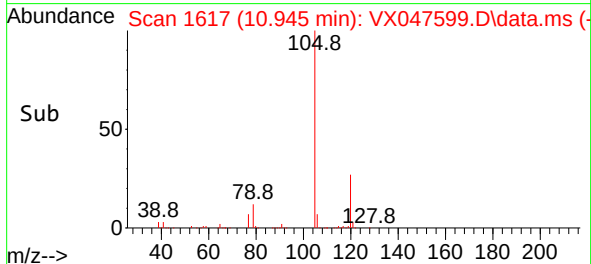
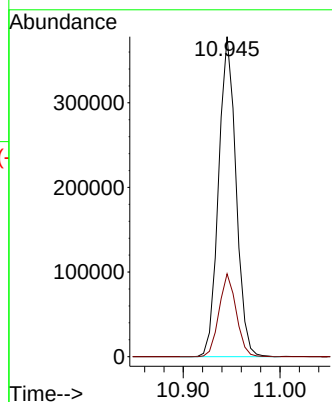
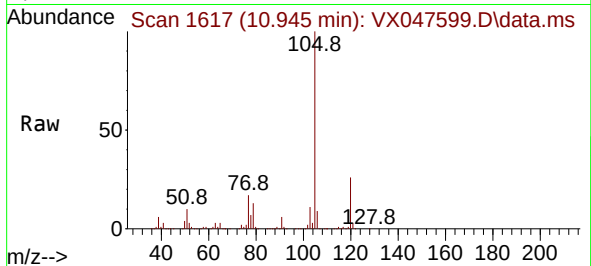




#73
Isopropylbenzene
Concen: 49.898 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

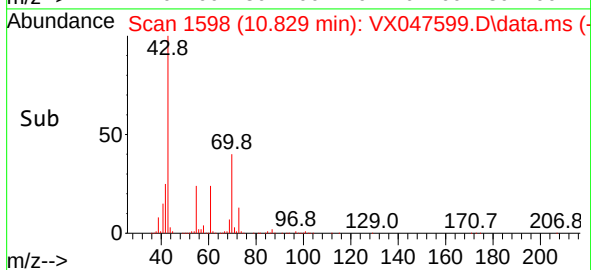
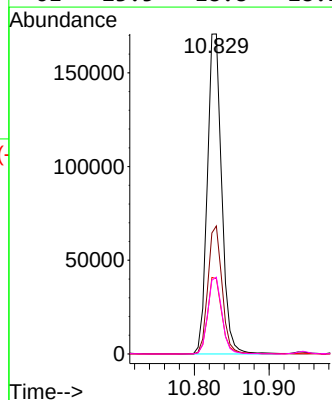
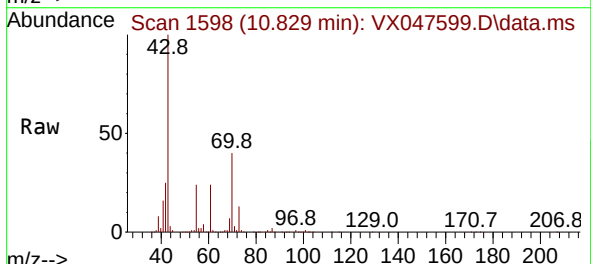
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

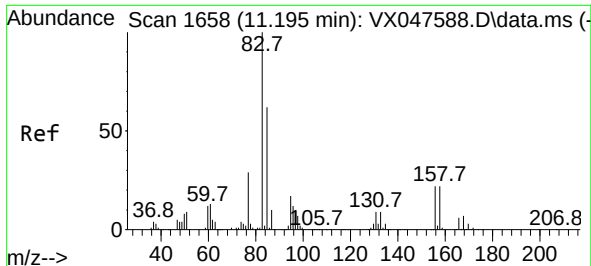
Tgt Ion:105 Resp: 471952
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 52.925 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 43 Resp: 228272
Ion Ratio Lower Upper
43 100
70 39.5 32.0 48.0
55 23.7 18.9 28.3
61 23.5 18.8 28.2

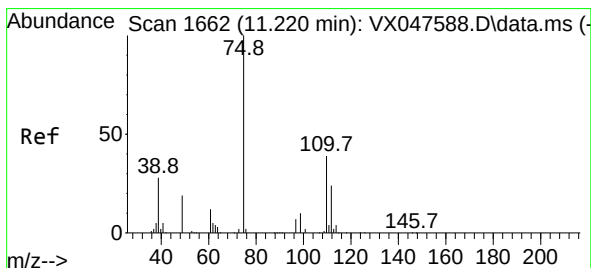
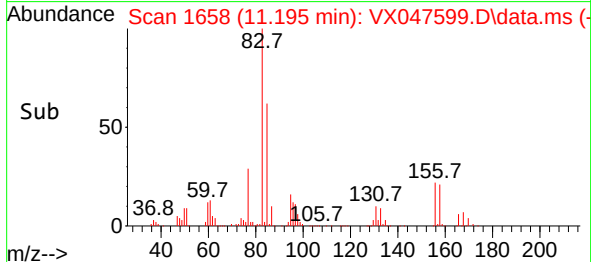
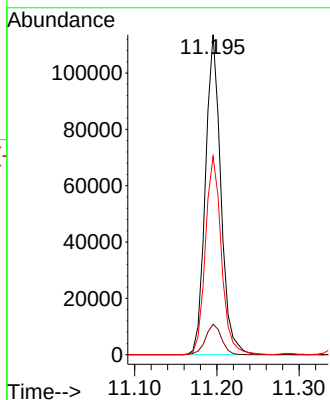
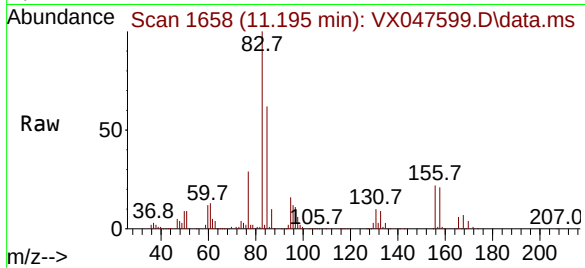




#75
1,1,2-Tetrachloroethane
Concen: 51.631 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

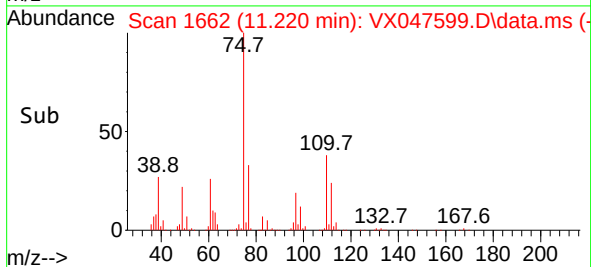
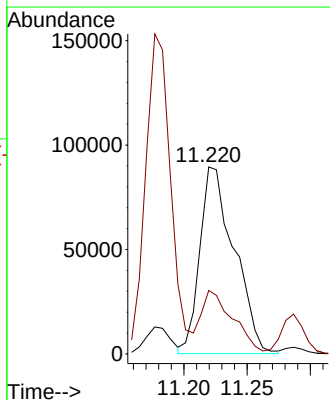
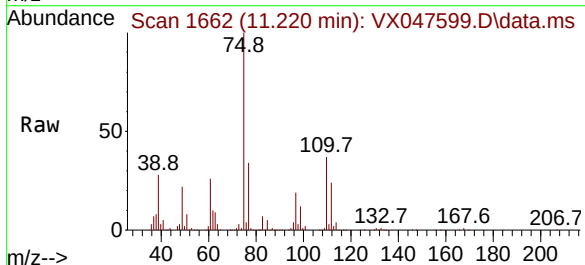
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

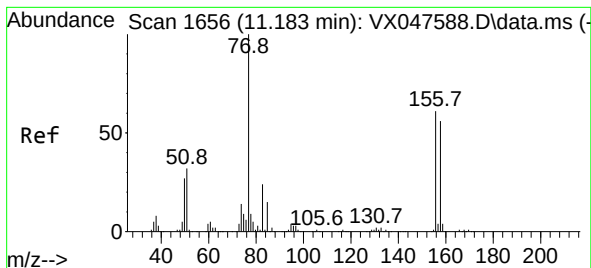
Tgt Ion: 83 Resp: 147747
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.3 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 67.354 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 75 Resp: 169656
Ion Ratio Lower Upper
75 100
77 30.9 18.8 56.4





#77

Bromobenzene

Concen: 50.831 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

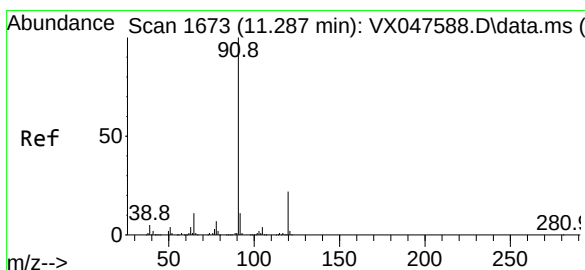
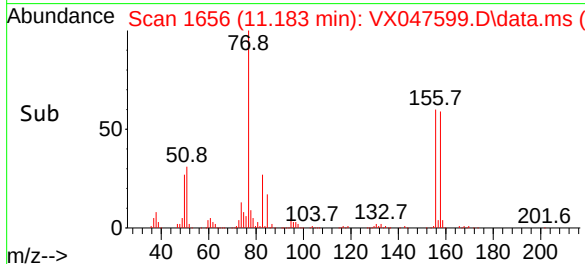
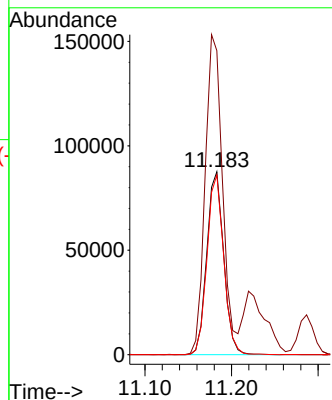
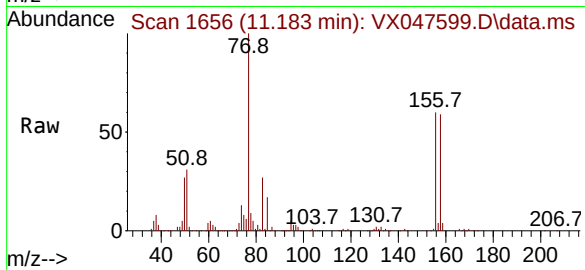
Tgt Ion:156 Resp: 118411

Ion Ratio Lower Upper

156 100

77 180.4 89.7 269.1

158 97.4 47.9 143.6



#78

n-propylbenzene

Concen: 49.861 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX047599.D

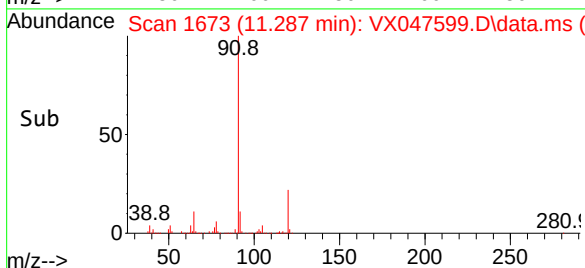
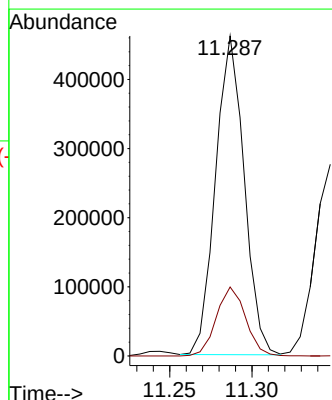
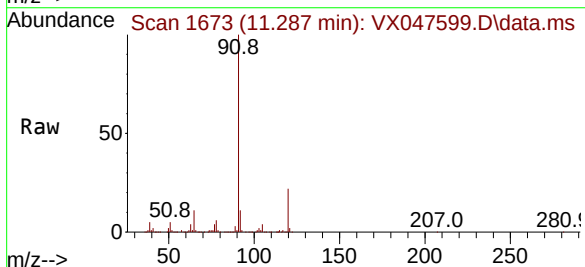
Acq: 16 Sep 2025 16:51

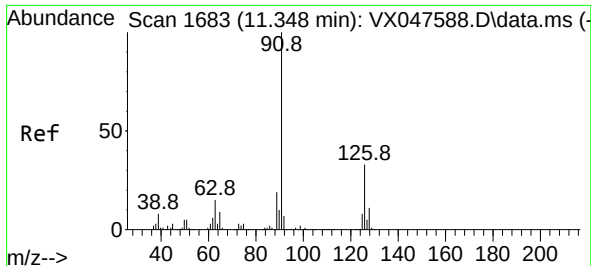
Tgt Ion: 91 Resp: 557492

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1

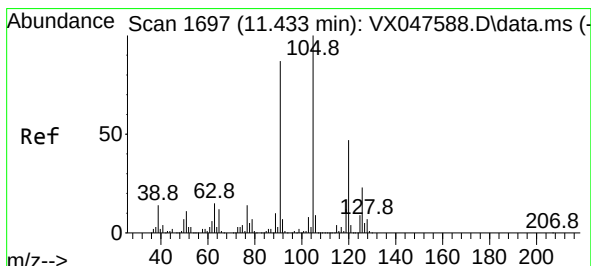
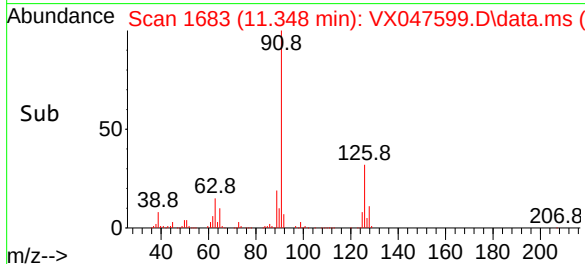
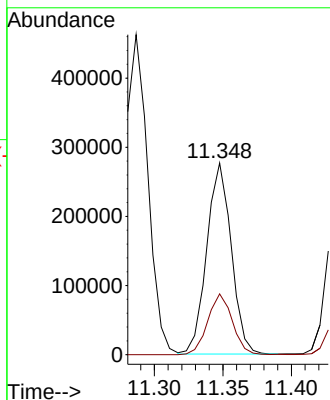
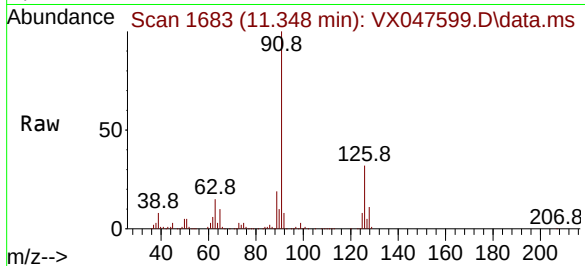




#79
2-Chlorotoluene
Concen: 50.165 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

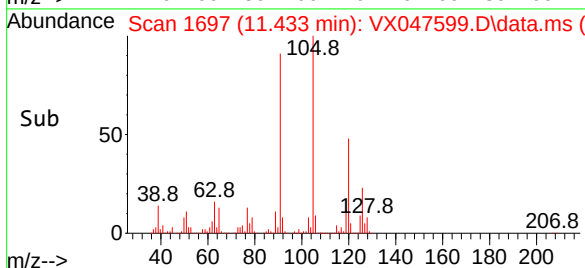
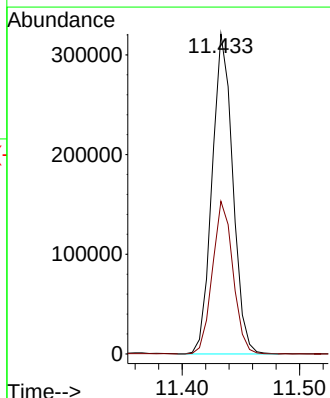
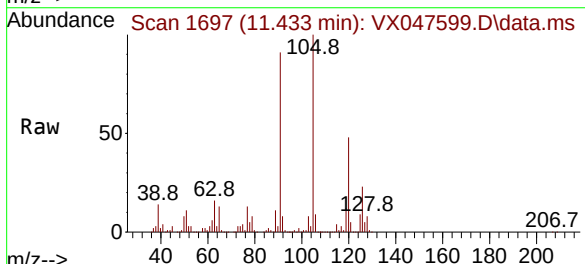
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

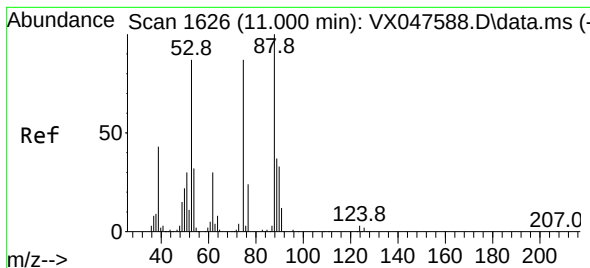
Tgt Ion: 91 Resp: 343530
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 50.601 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 105 Resp: 393208
Ion Ratio Lower Upper
105 100
120 47.3 23.6 70.8

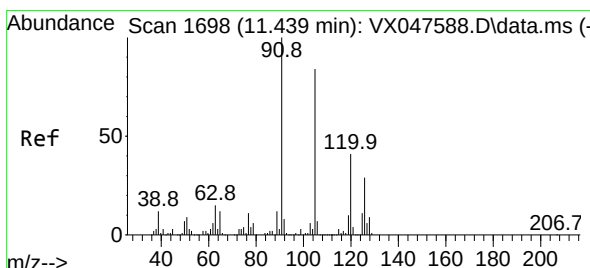
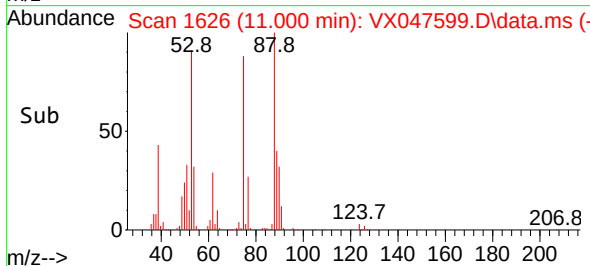
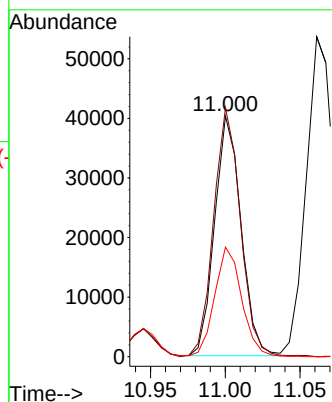
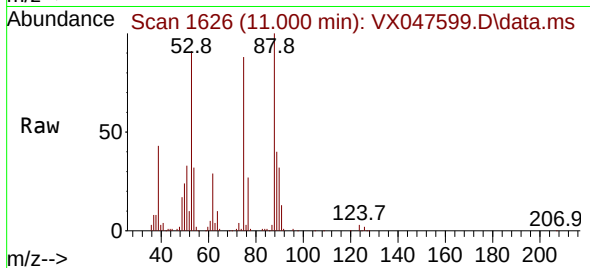




#81
trans-1,4-Dichloro-2-butene
Concen: 50.114 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

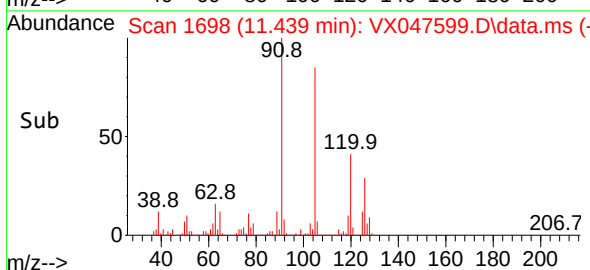
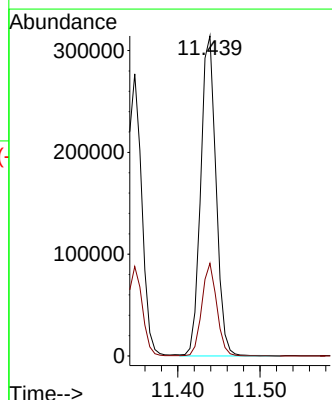
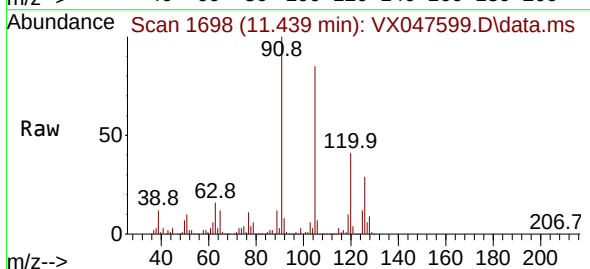
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

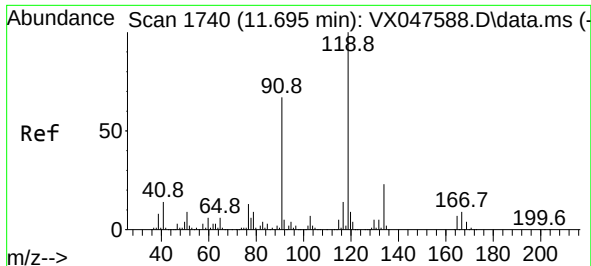
Tgt Ion: 75 Resp: 49500
Ion Ratio Lower Upper
75 100
53 105.4 83.4 125.2
89 46.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.398 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 91 Resp: 407614
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6

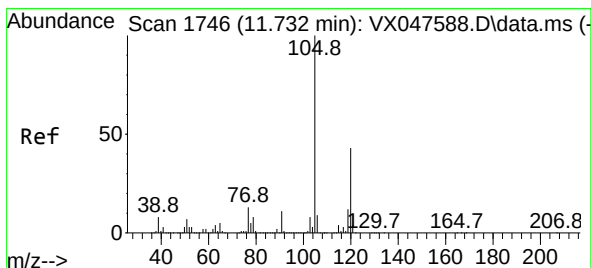
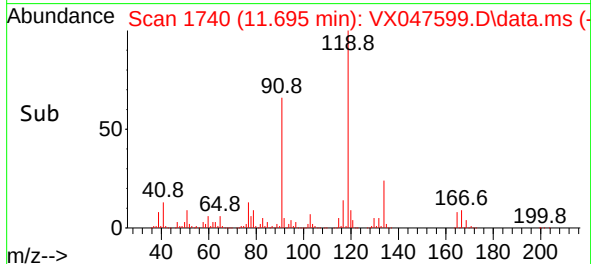
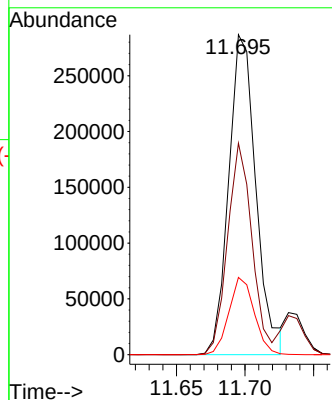
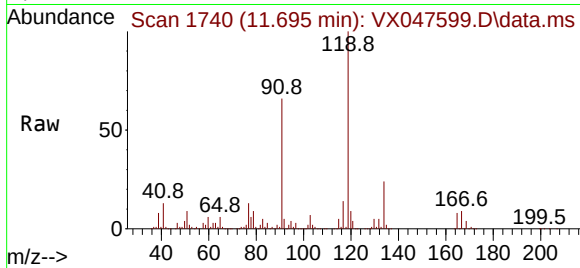




#83
tert-Butylbenzene
Concen: 49.880 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

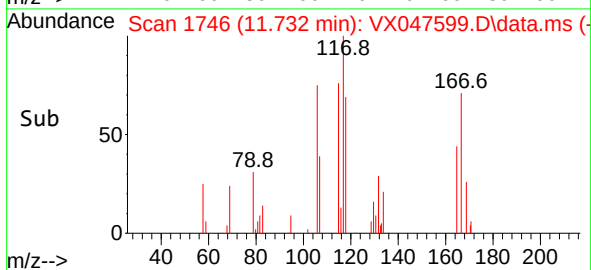
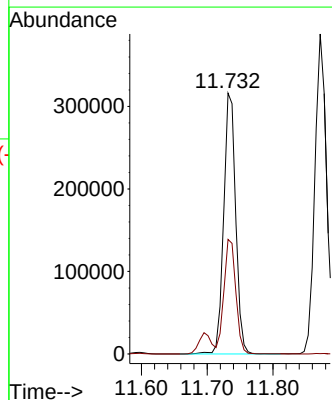
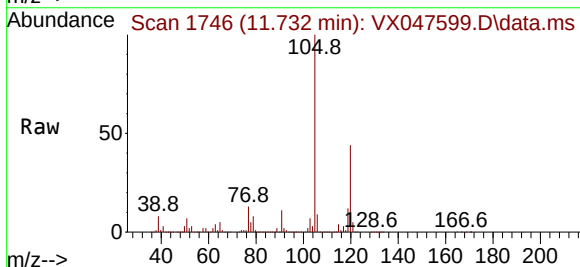
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

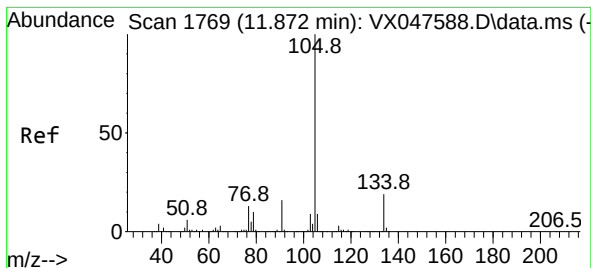
Tgt Ion:119 Resp: 396788
Ion Ratio Lower Upper
119 100
91 59.3 29.6 88.8
134 22.6 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 50.940 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:105 Resp: 401322
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.417 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

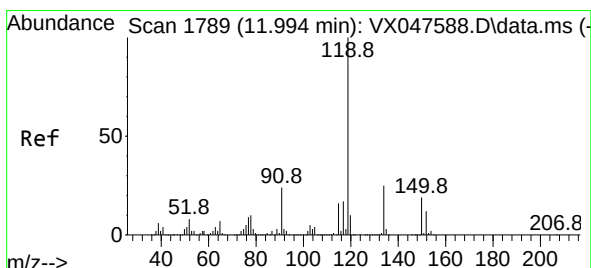
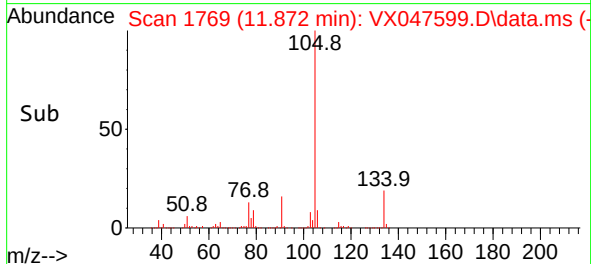
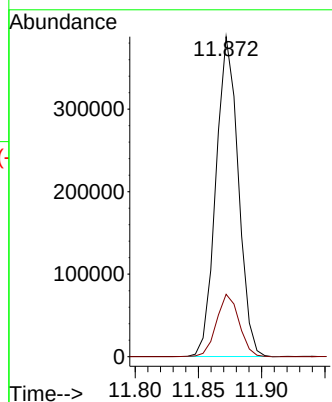
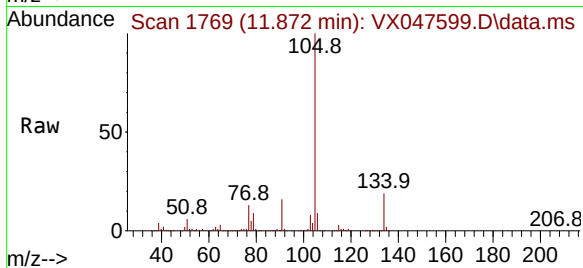
VSTDCCC050EC

Tgt Ion:105 Resp: 476377

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 49.825 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

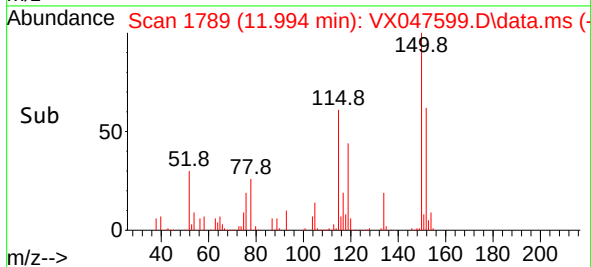
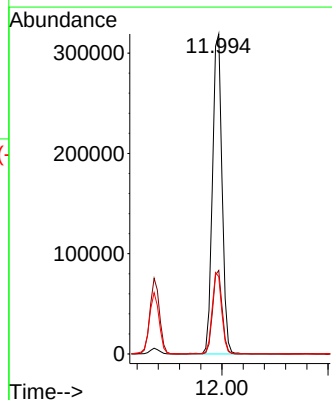
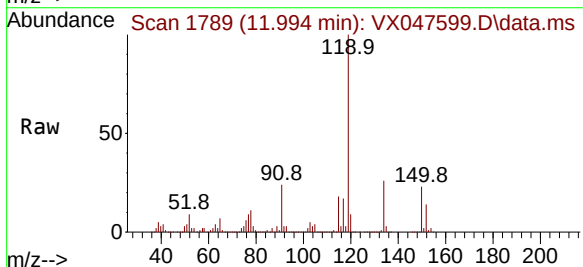
Tgt Ion:119 Resp: 398568

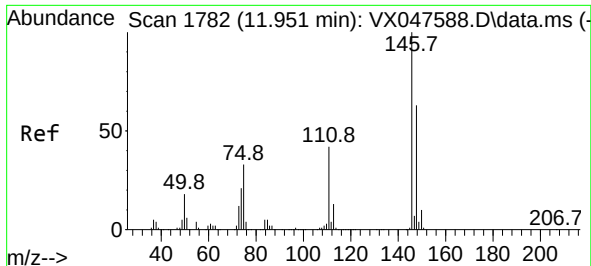
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.2 12.6 37.6

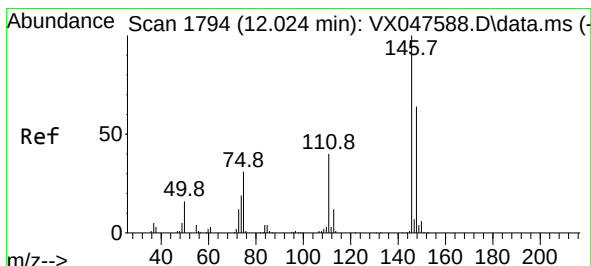
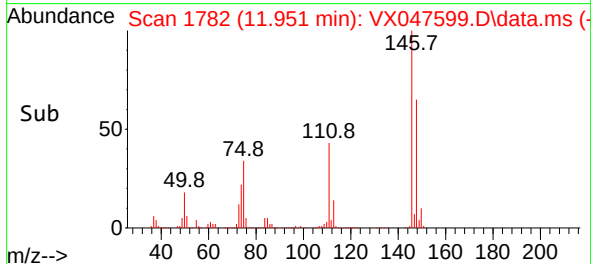
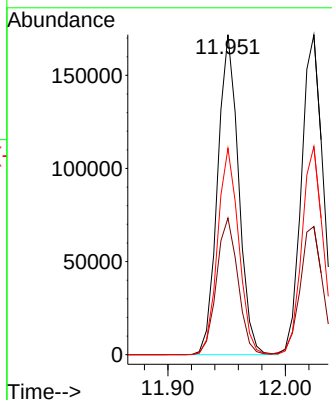
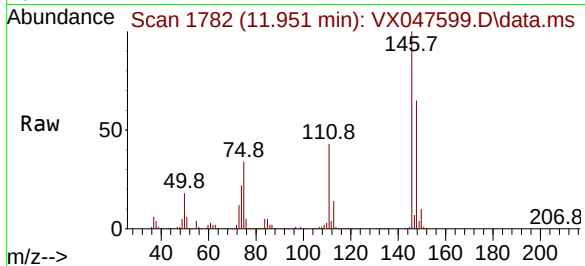




#87
1,3-Dichlorobenzene
Concen: 49.354 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

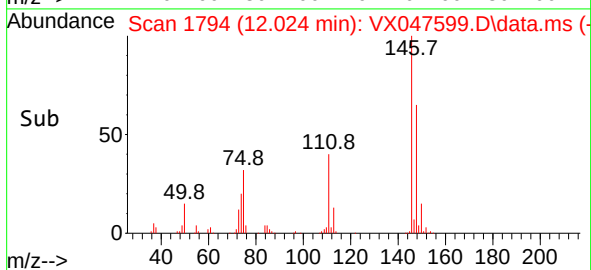
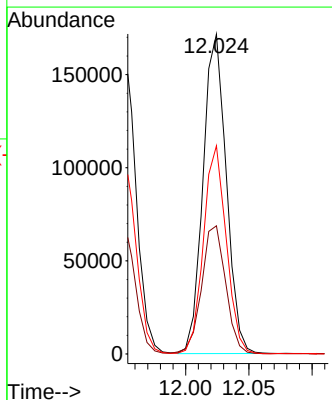
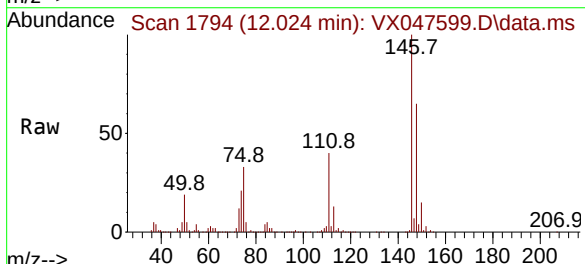
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

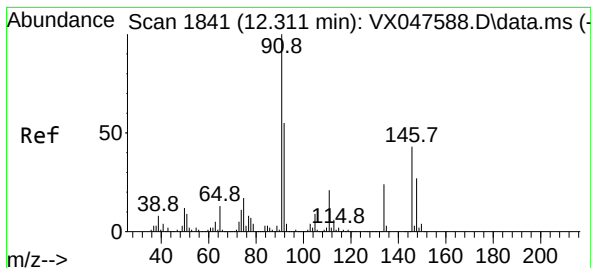
Tgt Ion:146 Resp: 213550
Ion Ratio Lower Upper
146 100
111 43.6 21.5 64.5
148 64.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.400 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion:146 Resp: 219380
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.4
148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 50.279 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

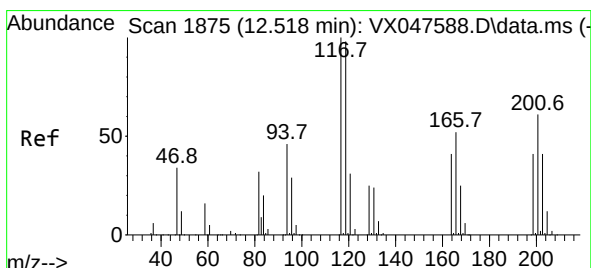
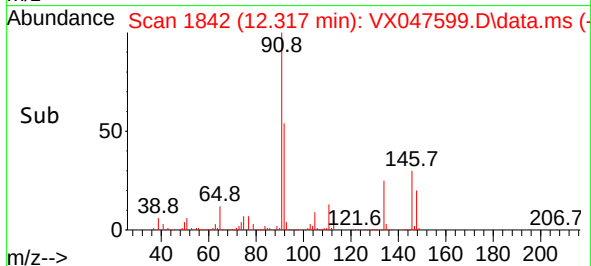
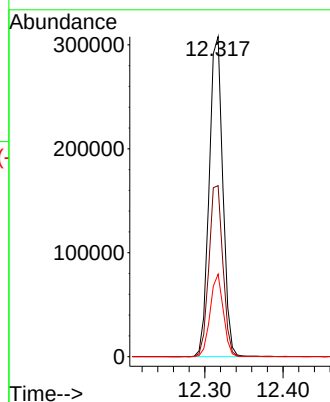
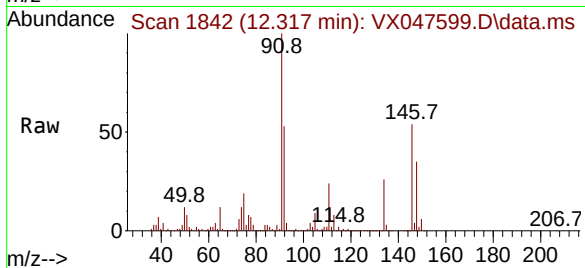
Tgt Ion: 91 Resp: 372156

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 50.739 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX047599.D

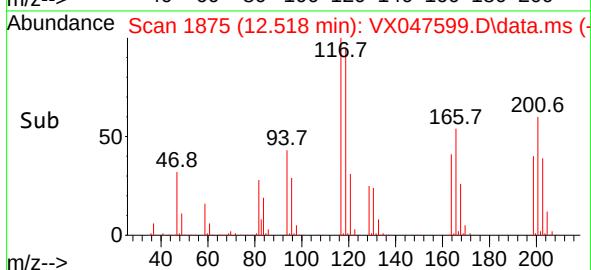
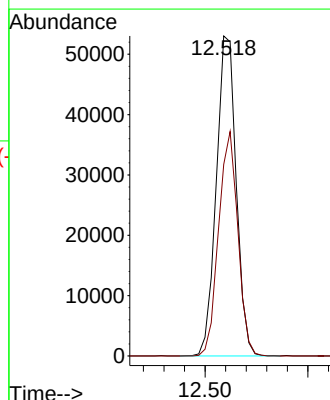
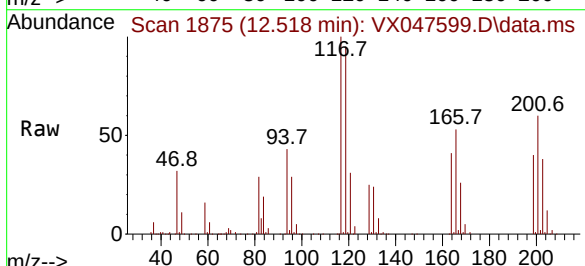
Acq: 16 Sep 2025 16:51

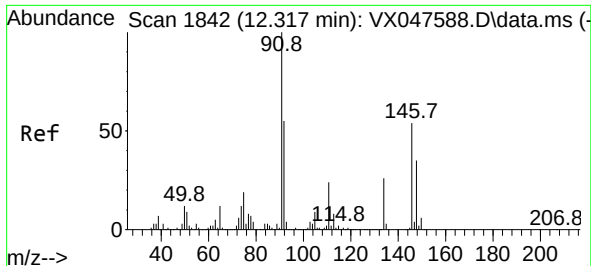
Tgt Ion: 117 Resp: 71259

Ion Ratio Lower Upper

117 100

201 67.7 34.2 102.5

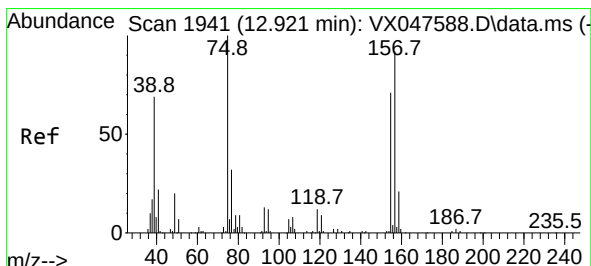
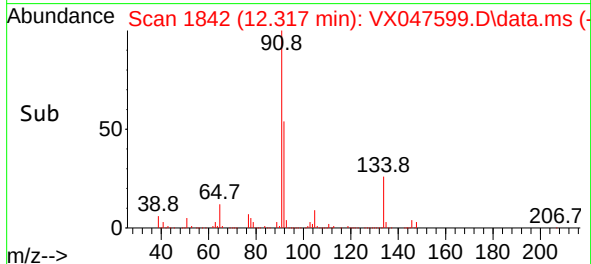
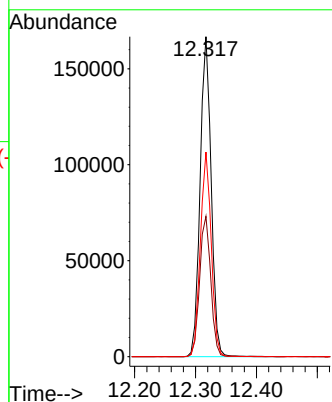
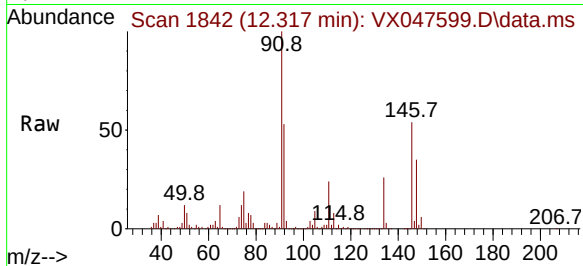




#91
1,2-Dichlorobenzene
Concen: 50.933 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

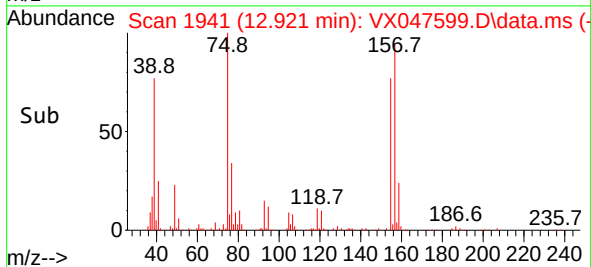
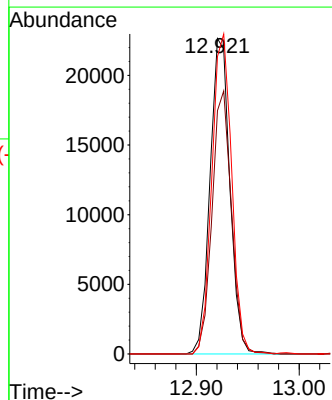
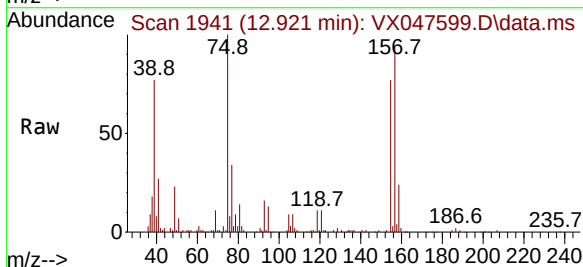
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

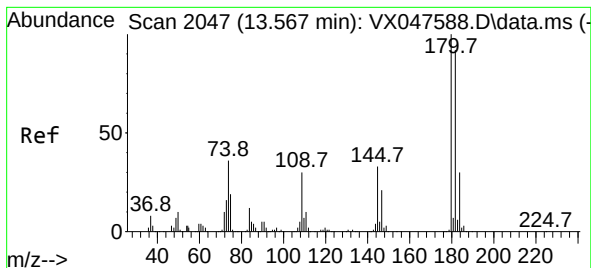
Tgt Ion:146 Resp: 209956
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.352 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047599.D
Acq: 16 Sep 2025 16:51

Tgt Ion: 75 Resp: 30331
Ion Ratio Lower Upper
75 100
155 81.4 37.7 113.1
157 100.8 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 50.707 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

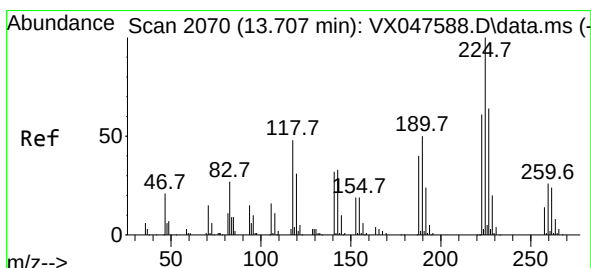
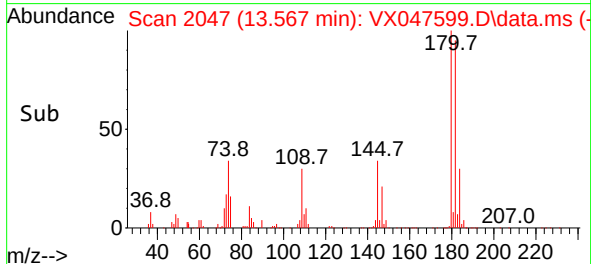
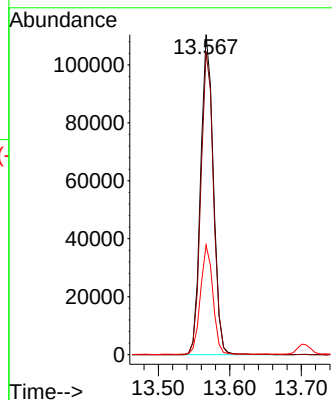
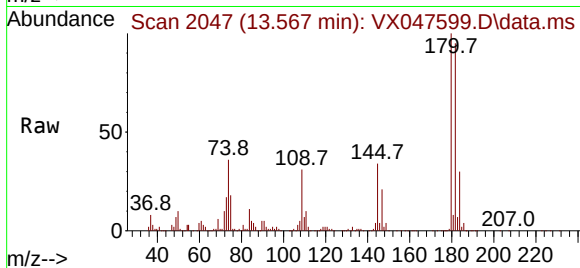
Tgt Ion:180 Resp: 135848

Ion Ratio Lower Upper

180 100

182 94.3 46.6 139.8

145 33.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 47.686 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

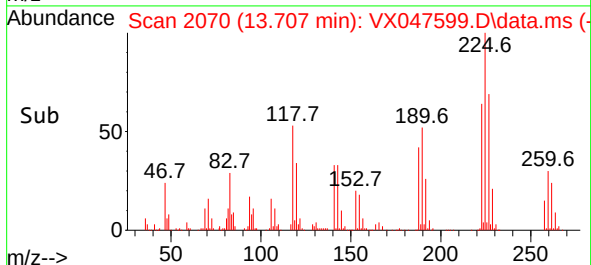
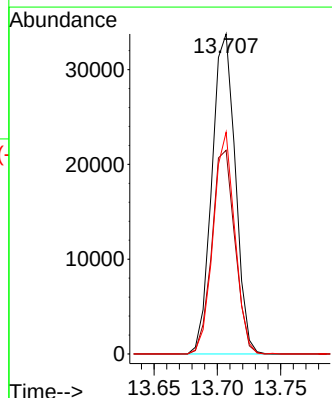
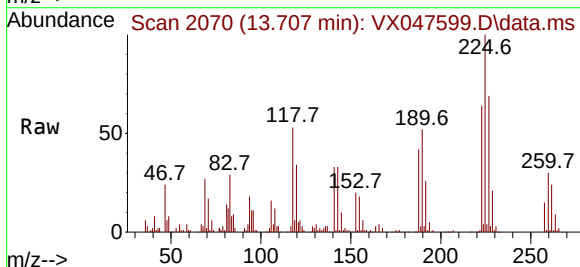
Tgt Ion:225 Resp: 43394

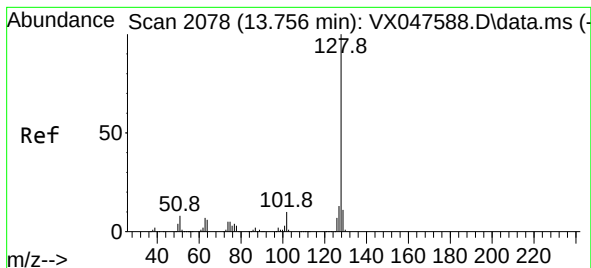
Ion Ratio Lower Upper

225 100

223 62.9 31.7 95.1

227 64.2 32.0 96.0





#95

Naphthalene

Concen: 52.444 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

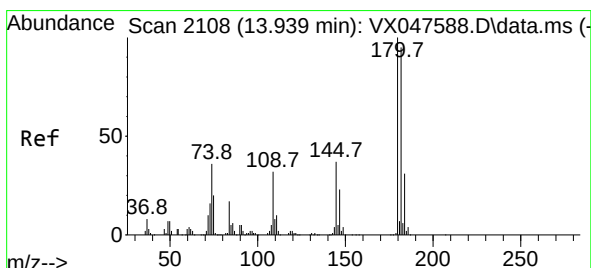
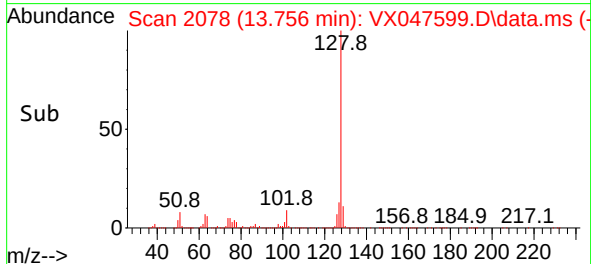
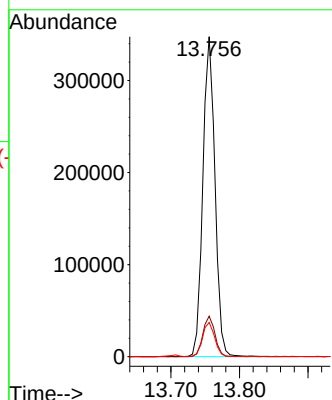
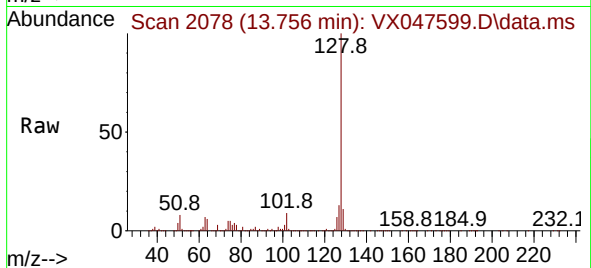
Tgt Ion:128 Resp: 427833

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.055 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX047599.D

Acq: 16 Sep 2025 16:51

Tgt Ion:180 Resp: 129728

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 34.2 17.9 53.7

