

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047846.D
 Acq On : 26 Sep 2025 09:28
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 26 22:52:39 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	122728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104908	53.702	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.400%	
35) Dibromofluoromethane	5.373	113	81426	53.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.000%	
50) Toluene-d8	8.635	98	277443	52.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	11.061	95	106584	53.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	74375	58.523	ug/l	97
3) Chloromethane	1.301	50	90988	54.475	ug/l	97
4) Vinyl Chloride	1.380	62	93051	56.912	ug/l	98
5) Bromomethane	1.611	94	59411	57.303	ug/l	98
6) Chloroethane	1.691	64	61467	56.248	ug/l	100
7) Trichlorofluoromethane	1.892	101	132138	54.430	ug/l	100
8) Diethyl Ether	2.136	74	58278	58.684	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78305	55.163	ug/l	99
10) Methyl Iodide	2.453	142	113946	51.469	ug/l	99
11) Tert butyl alcohol	2.947	59	66215	304.339	ug/l	99
12) 1,1-Dichloroethene	2.325	96	82441	56.539	ug/l	96
13) Acrolein	2.239	56	49002	244.406	ug/l	98
14) Allyl chloride	2.666	41	148128	49.230	ug/l	97
15) Acrylonitrile	3.056	53	259870	322.462	ug/l	99
16) Acetone	2.374	43	213449	251.295	ug/l	100
17) Carbon Disulfide	2.514	76	217239	54.421	ug/l	98
18) Methyl Acetate	2.697	43	128304	67.874	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	309590	58.162	ug/l	100
20) Methylene Chloride	2.788	84	103360	57.488	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	88722	56.516	ug/l	98
22) Diisopropyl ether	3.751	45	339588	58.235	ug/l	89
23) Vinyl Acetate	3.715	43	1365399	292.559	ug/l	100
24) 1,1-Dichloroethane	3.605	63	176663	56.999	ug/l	99
25) 2-Butanone	4.544	43	318394	300.509	ug/l	100
26) 2,2-Dichloropropane	4.465	77	67799	26.315	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	109875	57.150	ug/l	93
28) Bromochloromethane	4.891	49	74247	54.872	ug/l	99
29) Tetrahydrofuran	4.989	42	207019	324.797	ug/l	99
30) Chloroform	5.080	83	182880	58.390	ug/l	100
31) Cyclohexane	5.464	56	134385	52.059	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	148727	55.983	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112915	50.775	ug/l	98
37) Ethyl Acetate	4.702	43	138799	58.292	ug/l	100
38) Carbon Tetrachloride	5.666	117	124307	51.447	ug/l	96
39) Methylcyclohexane	7.367	83	123946	49.101	ug/l	99
40) Benzene	6.025	78	371092	54.941	ug/l	99

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 ALS Vial : 58 Sample Multiplier: 1

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	73445	59.748	ug/l	99
42) 1,2-Dichloroethane	6.074	62	140116	54.521	ug/l	98
43) Isopropyl Acetate	6.324	43	222742	57.038	ug/l	99
44) Trichloroethene	7.111	130	89171	54.607	ug/l	98
45) 1,2-Dichloropropane	7.415	63	98458	56.928	ug/l	100
46) Dibromomethane	7.568	93	71687	56.959	ug/l	97
47) Bromodichloromethane	7.806	83	147147	56.657	ug/l	97
48) Methyl methacrylate	7.677	41	112437	57.803	ug/l	97
49) 1,4-Dioxane	7.647	88	29787	1515.251	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	677440	312.881	ug/l	100
52) Toluene	8.702	92	230568	55.407	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	133000	50.205	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	142865	50.456	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	94900	59.143	ug/l	99
56) Ethyl methacrylate	9.104	69	150069	59.552	ug/l	97
57) 1,3-Dichloropropane	9.293	76	161592	58.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	392274	320.095	ug/l	100
59) 2-Hexanone	9.415	43	471702	303.339	ug/l	98
60) Dibromochloromethane	9.506	129	110561	59.800	ug/l	100
61) 1,2-Dibromoethane	9.592	107	97806	59.844	ug/l	99
64) Tetrachloroethene	9.263	164	74341	54.685	ug/l	94
65) Chlorobenzene	10.061	112	257011	54.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	90553	55.391	ug/l	99
67) Ethyl Benzene	10.177	91	434237	53.122	ug/l	100
68) m/p-Xylenes	10.287	106	328215	107.876	ug/l	98
69) o-Xylene	10.628	106	161019	54.716	ug/l	98
70) Styrene	10.640	104	286806	55.621	ug/l	98
71) Bromoform	10.781	173	71210	58.336	ug/l #	97
73) Isopropylbenzene	10.945	105	401797	51.224	ug/l	99
74) N-amyl acetate	10.829	43	193473	54.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	136670	57.589	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	143397	68.645	ug/l	88
77) Bromobenzene	11.183	156	102114	52.856	ug/l	97
78) n-propylbenzene	11.287	91	476952	51.437	ug/l	100
79) 2-Chlorotoluene	11.348	91	293217	51.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	332360	51.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	33564	40.974	ug/l	99
82) 4-Chlorotoluene	11.439	91	346044	51.591	ug/l	99
83) tert-Butylbenzene	11.695	119	334665	50.729	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	338744	51.846	ug/l	99
85) sec-Butylbenzene	11.872	105	400657	51.130	ug/l	99
86) p-Isopropyltoluene	11.994	119	337869	50.930	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	189590	52.835	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	190455	51.714	ug/l	99
89) n-Butylbenzene	12.317	91	306387	49.913	ug/l	99
90) Hexachloroethane	12.518	117	61230	52.570	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	185133	54.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27467	57.166	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	116711	52.530	ug/l	99
94) Hexachlorobutadiene	13.707	225	37538	49.740	ug/l	98
95) Naphthalene	13.756	128	378188	55.899	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	113759	55.042	ug/l	97

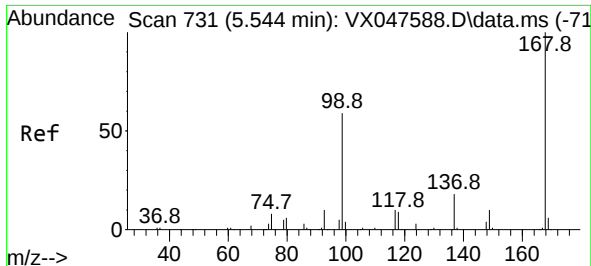
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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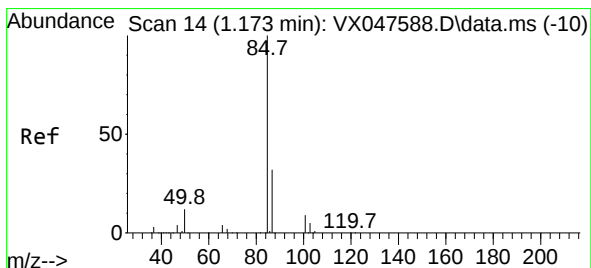
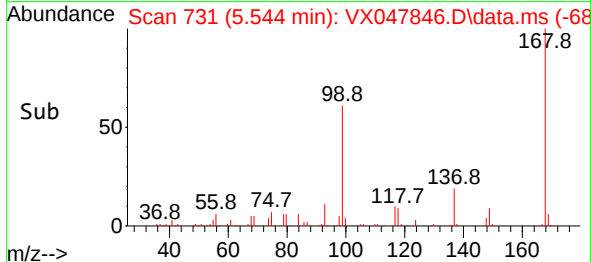
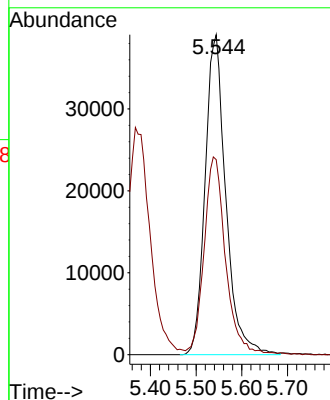
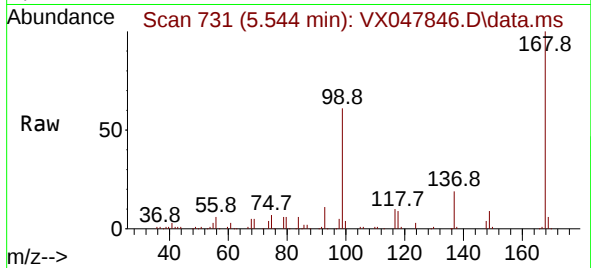
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

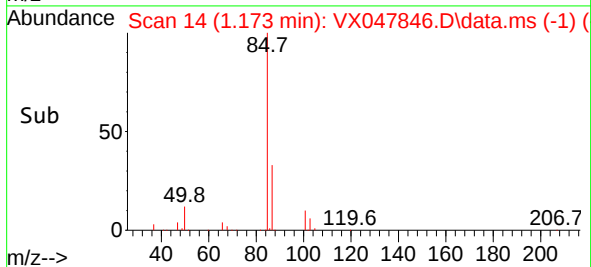
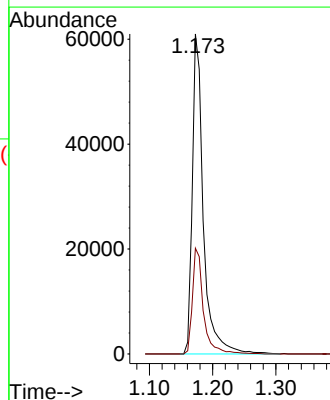
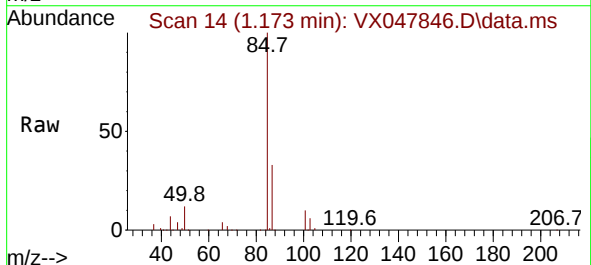
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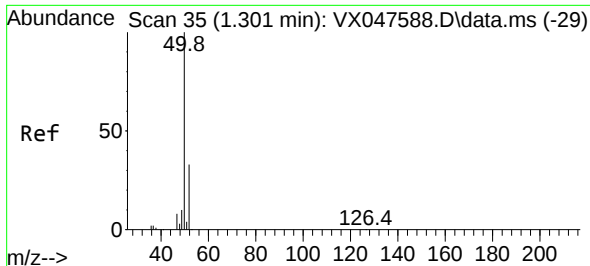
Tgt Ion:168 Resp: 122728
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 58.523 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 85 Resp: 74375
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.3

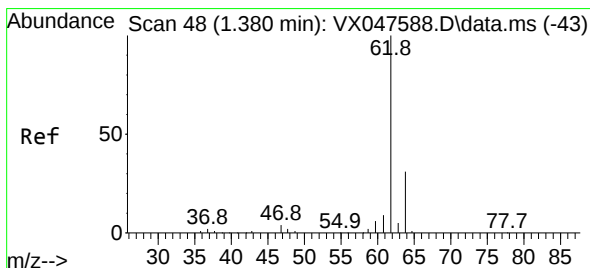
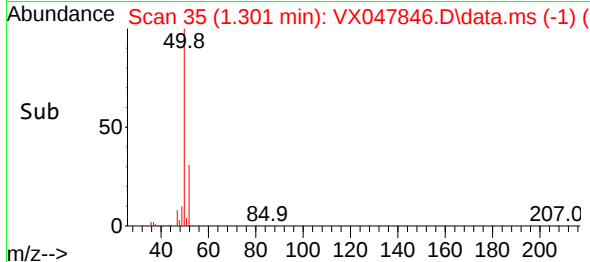
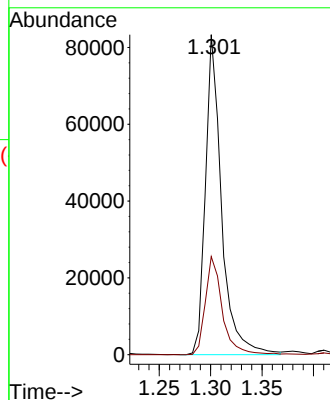
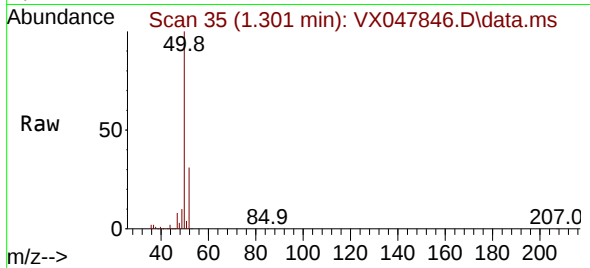




#3
Chloromethane
Concen: 54.475 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

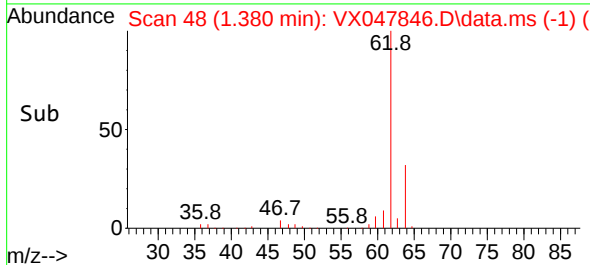
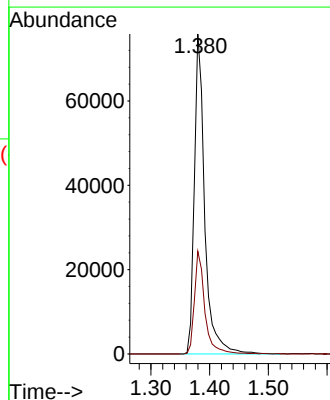
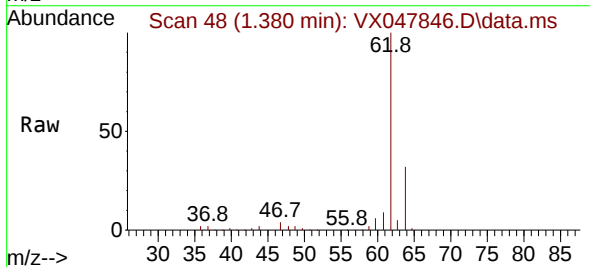
Instrument :
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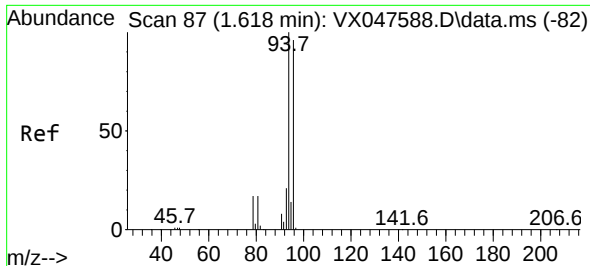
Tgt Ion: 50 Resp: 90988
Ion Ratio Lower Upper
50 100
52 30.6 26.1 39.1



#4
Vinyl Chloride
Concen: 56.912 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 62 Resp: 93051
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3

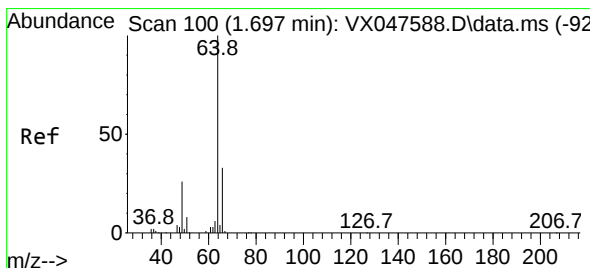
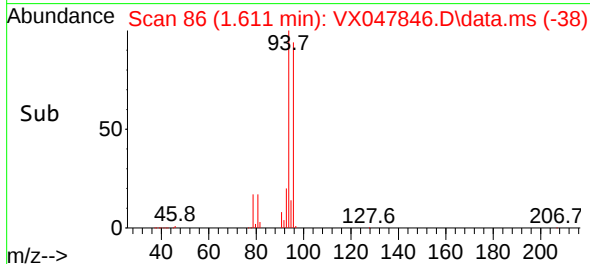
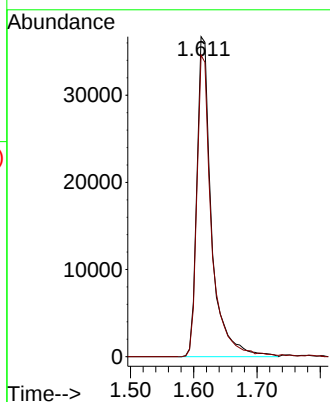
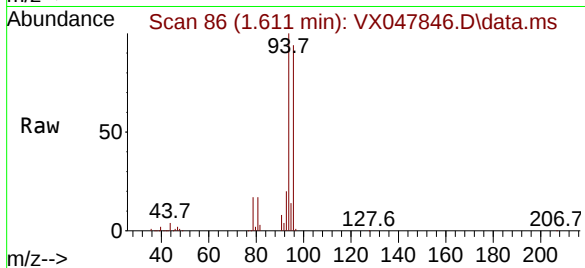




#5
Bromomethane
Concen: 57.303 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

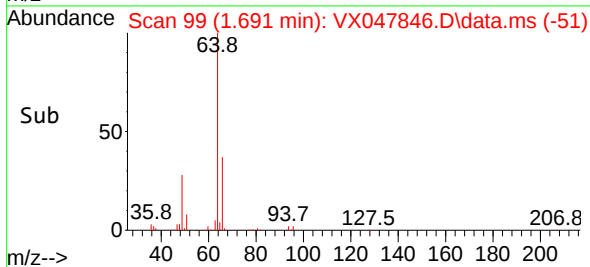
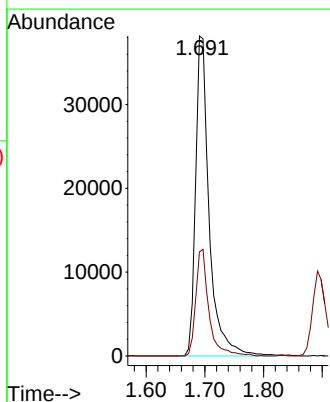
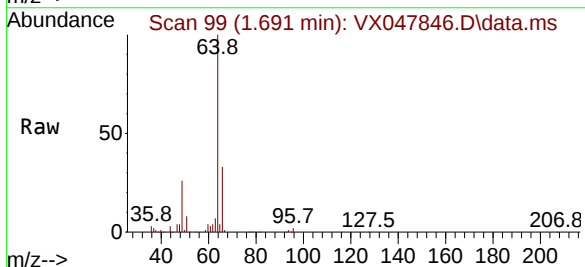
Instrument :
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Tgt Ion: 94 Resp: 59411
Ion Ratio Lower Upper
94 100
96 94.2 76.6 115.0



#6
Chloroethane
Concen: 56.248 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 64 Resp: 61467
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

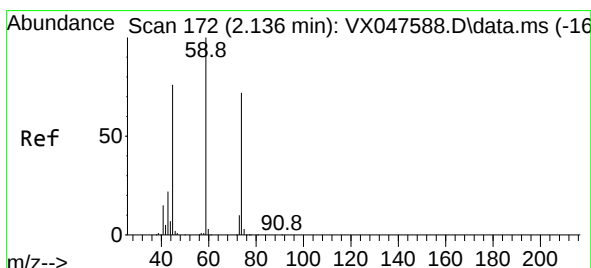
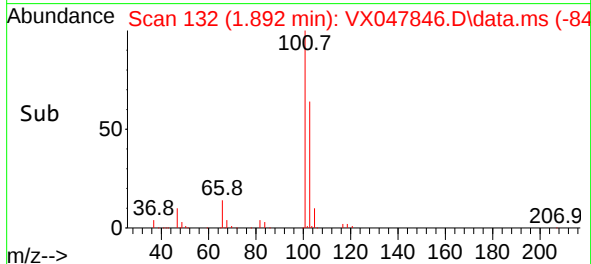
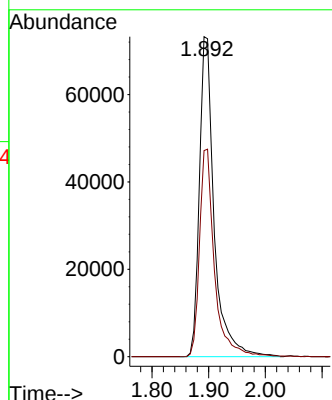
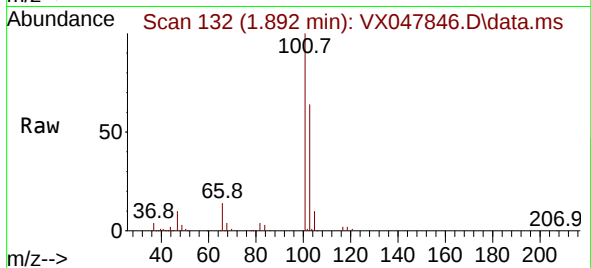




#7
Trichlorofluoromethane
Concen: 54.430 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047846.D
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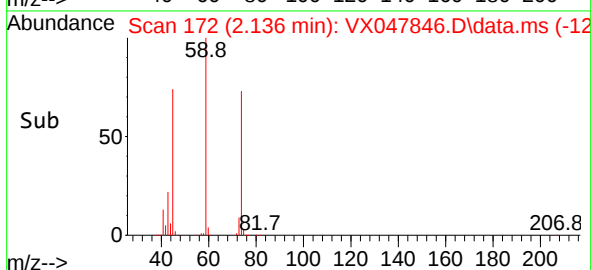
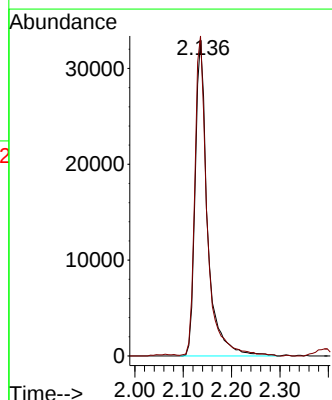
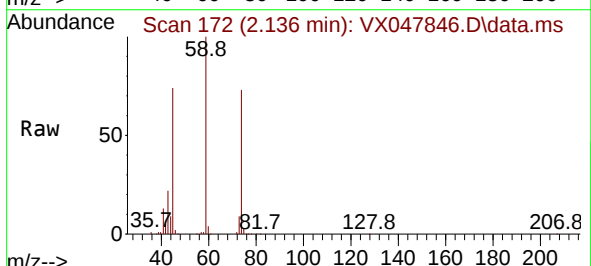
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 132138
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2



#8
Diethyl Ether
Concen: 58.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 74 Resp: 58278
Ion Ratio Lower Upper
74 100
45 101.9 52.3 156.8

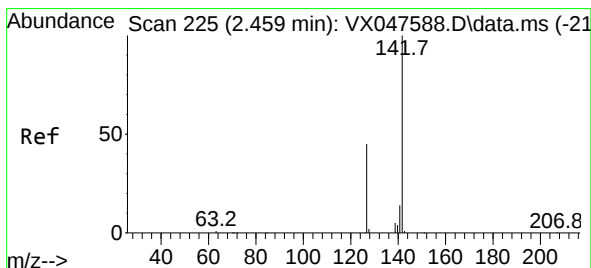
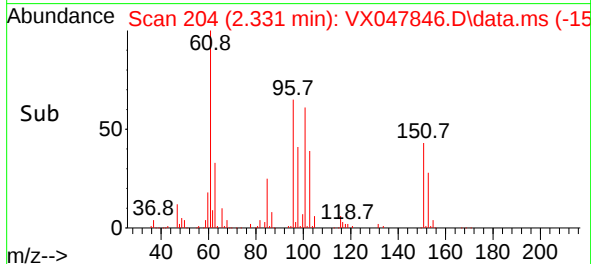
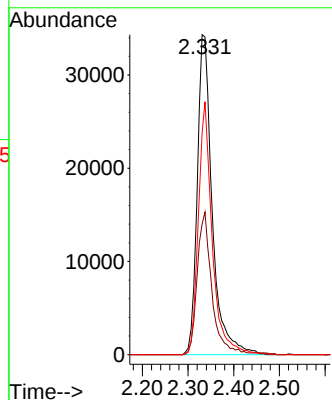
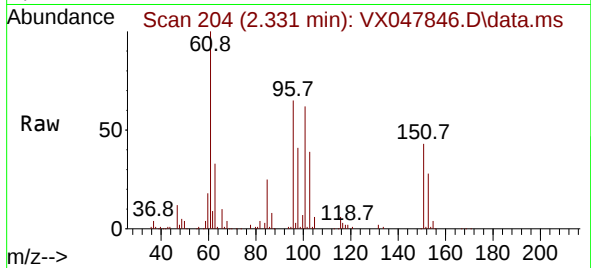




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.163 ug/l
 RT: 2.331 min Scan# 205
 Delta R.T. -0.006 min
 Lab File: VX047846.D
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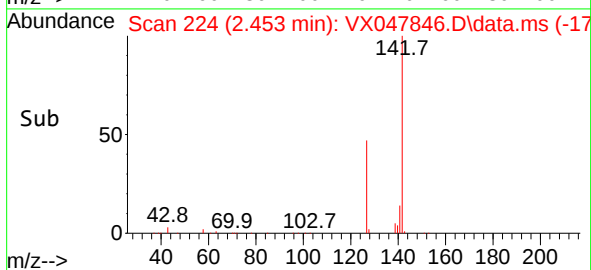
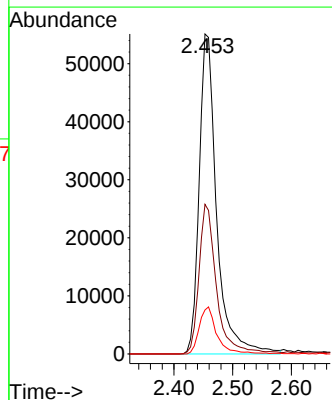
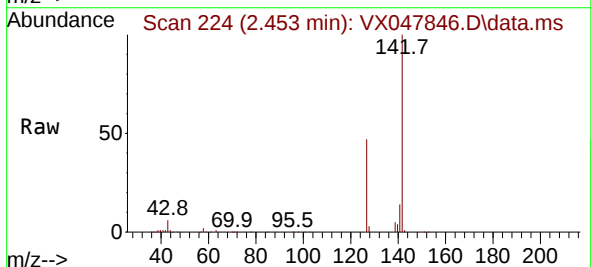
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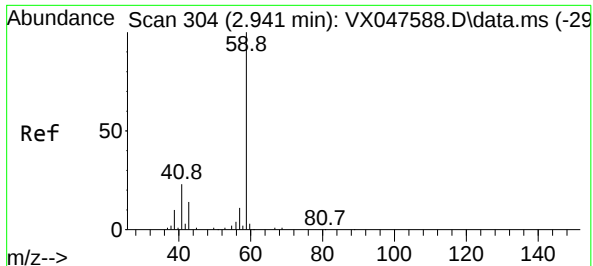
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 Ion Ratio Lower Upper
 101 100
 85 43.7 35.5 53.3
 151 73.2 59.4 89.0



#10
 Methyl Iodide
 Concen: 51.469 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. -0.006 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

Tgt Ion:142 Resp: 113946
 Ion Ratio Lower Upper
 142 100
 127 47.1 37.2 55.8
 141 14.8 11.4 17.0

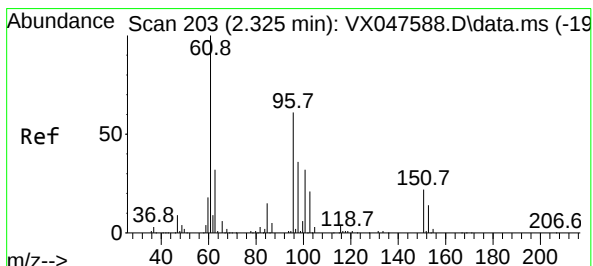
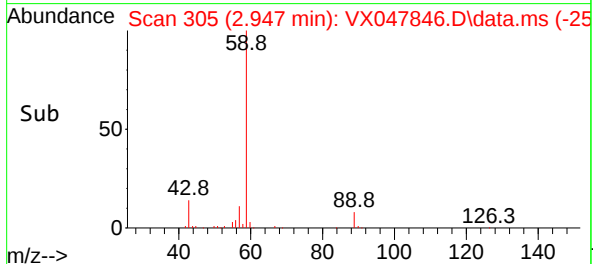
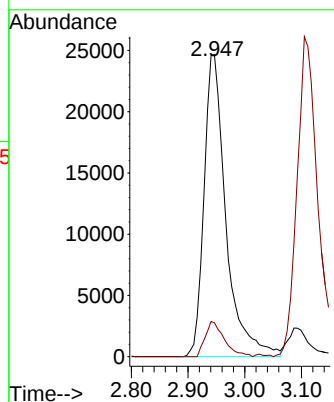
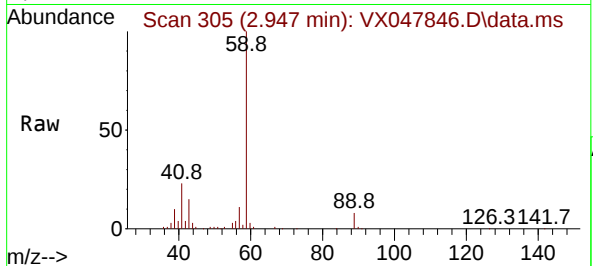




#11
Tert butyl alcohol
Concen: 304.339 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

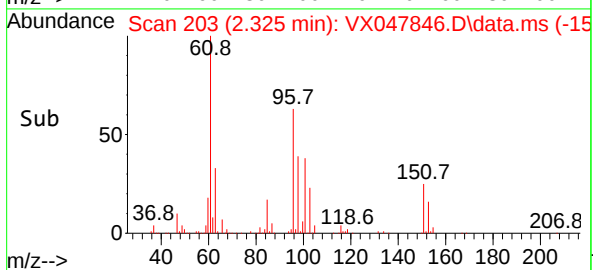
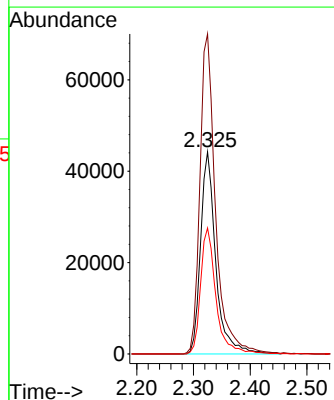
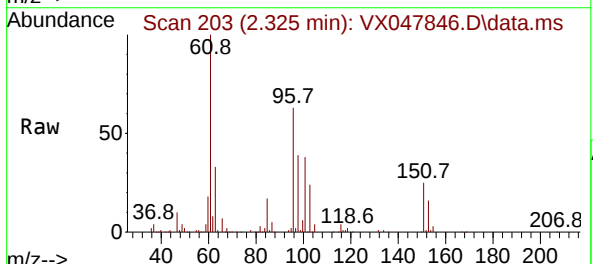
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

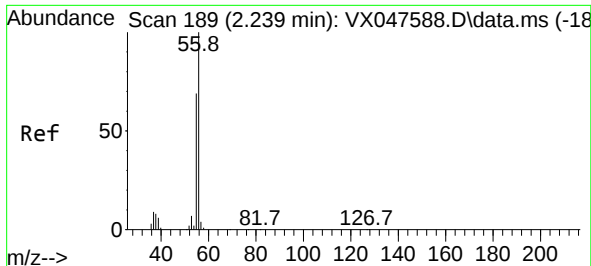
Tgt Ion: 59 Resp: 66215
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 56.539 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 96 Resp: 82441
Ion Ratio Lower Upper
96 100
61 158.3 131.0 196.6
98 62.3 47.7 71.5

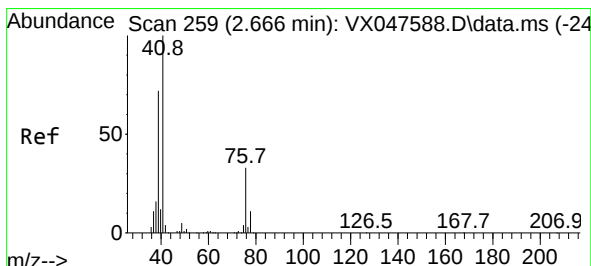
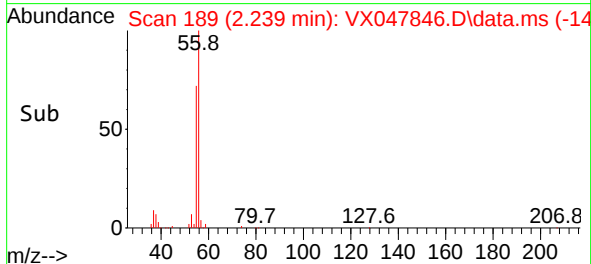
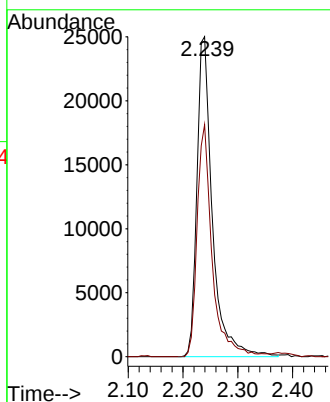
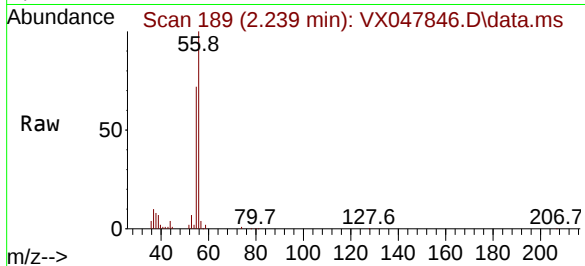




#13
Acrolein
Concen: 244.406 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

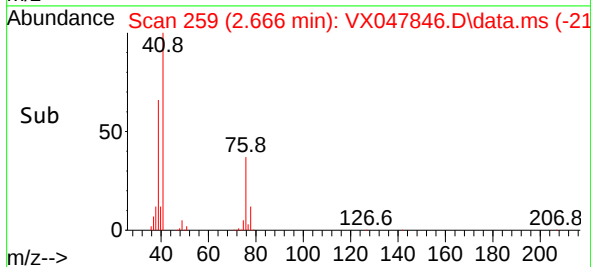
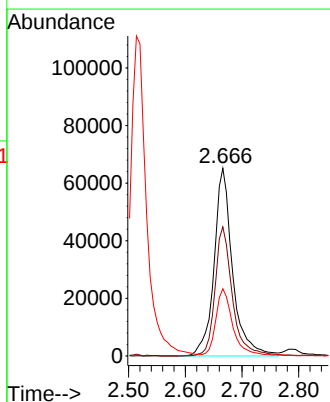
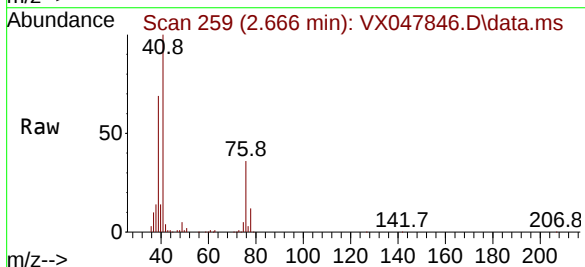
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

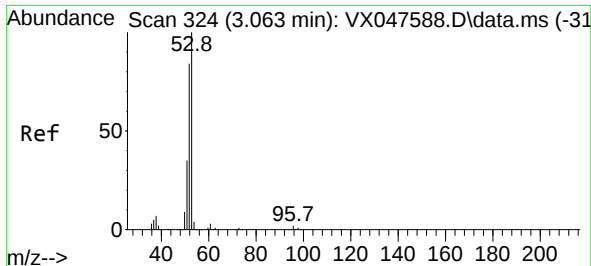
Tgt Ion: 56 Resp: 49002
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8



#14
Allyl chloride
Concen: 49.230 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 41 Resp: 148128
Ion Ratio Lower Upper
41 100
39 64.7 54.7 82.1
76 32.7 25.7 38.5

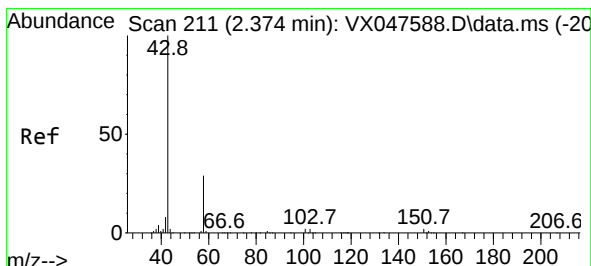
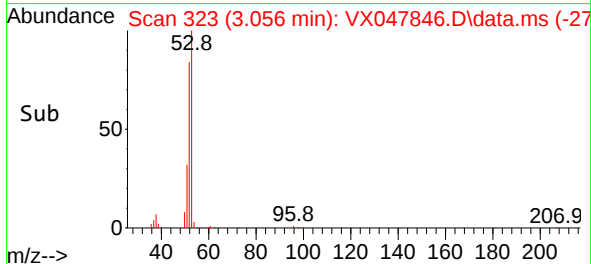
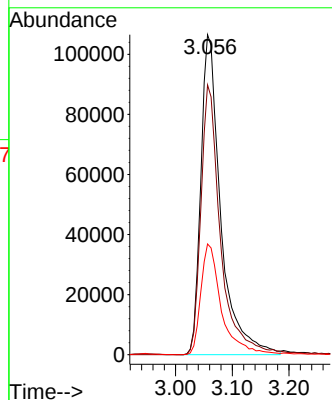
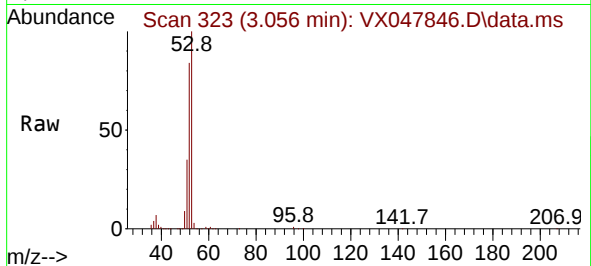




#15
Acrylonitrile
Concen: 322.462 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

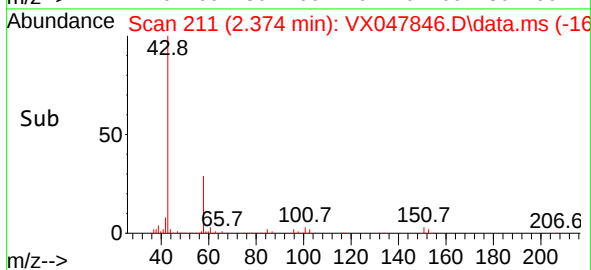
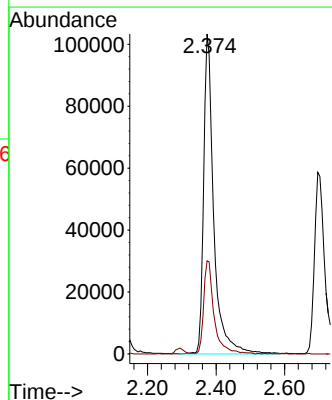
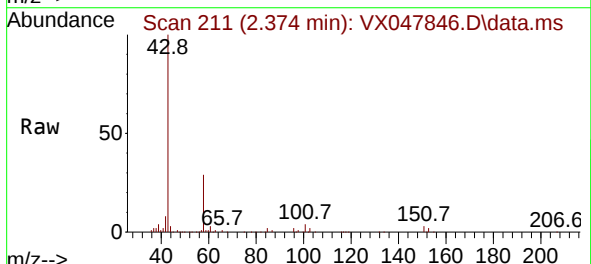
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

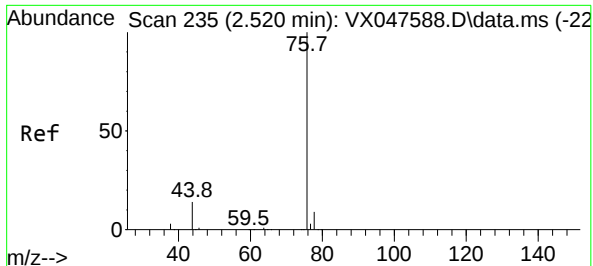
Tgt Ion: 53 Resp: 259870
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 36.2 29.5 44.3



#16
Acetone
Concen: 251.295 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 213449
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0





#17

Carbon Disulfide

Concen: 54.421 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

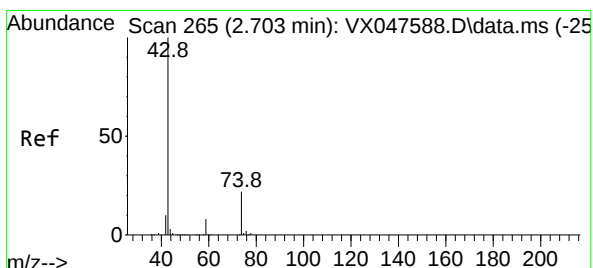
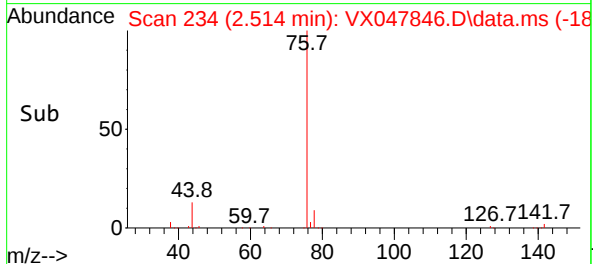
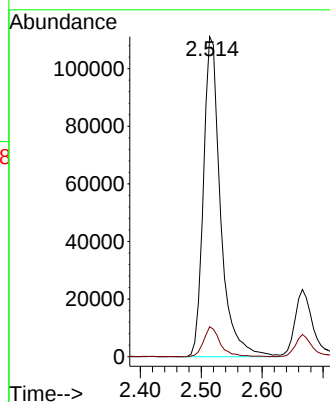
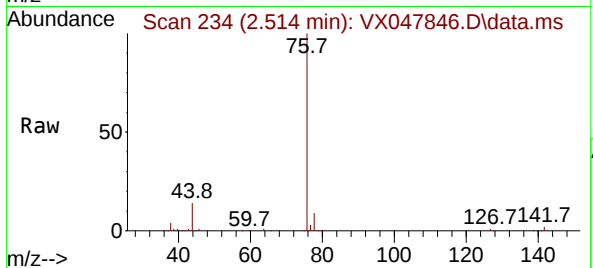
VSTDCCC050EC

Tgt Ion: 76 Resp: 217239

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 67.874 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047846.D

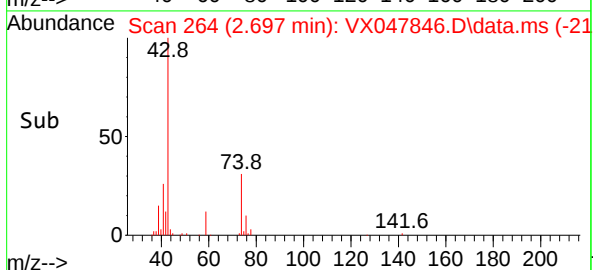
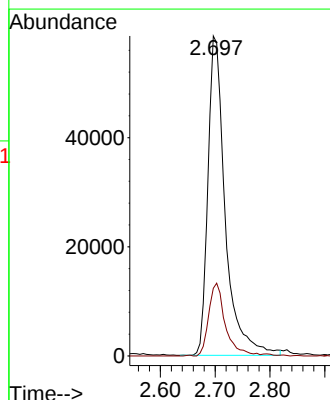
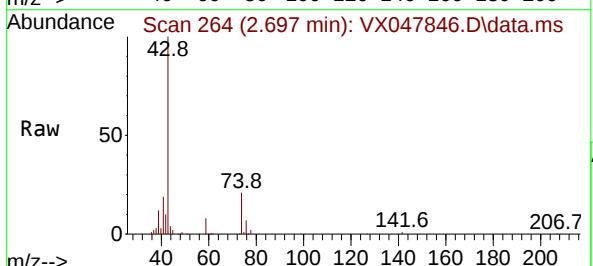
Acq: 26 Sep 2025 09:28

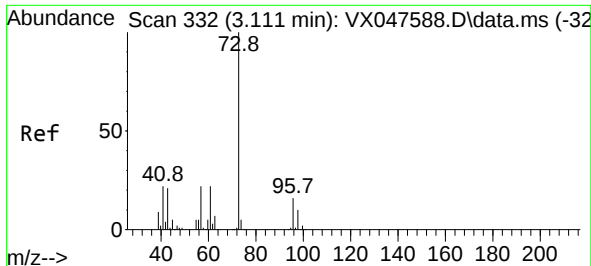
Tgt Ion: 43 Resp: 128304

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2

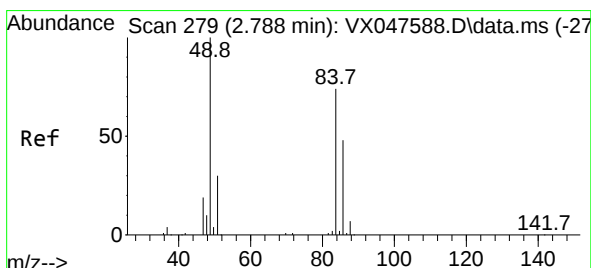
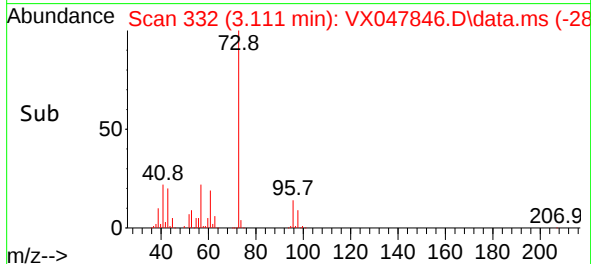
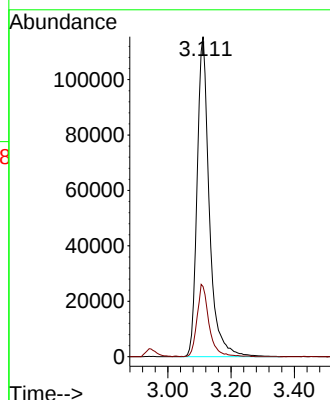
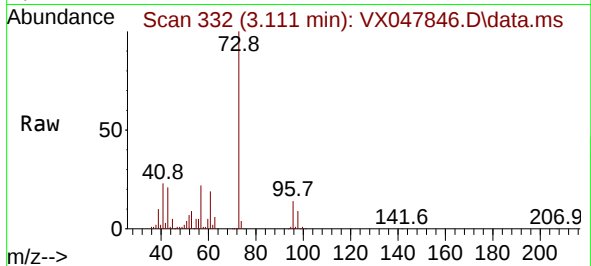




#19
Methyl tert-butyl Ether
Concen: 58.162 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

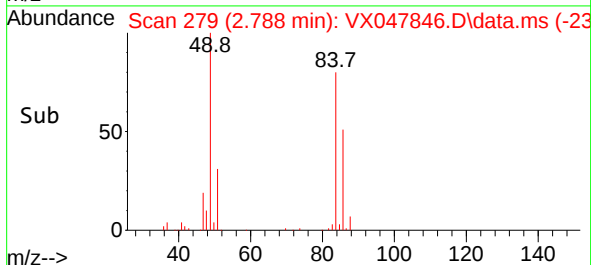
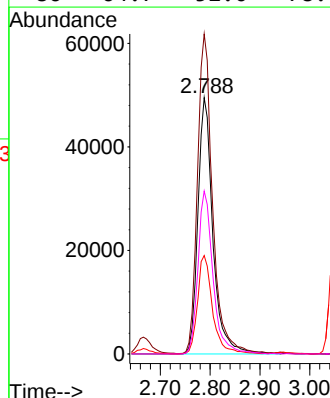
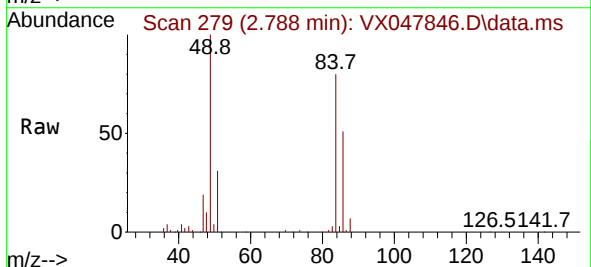
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 309590
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#20
Methylene Chloride
Concen: 57.488 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 84 Resp: 103360
Ion Ratio Lower Upper
84 100
49 124.6 108.6 162.8
51 38.4 32.6 48.8
86 64.7 52.0 78.0

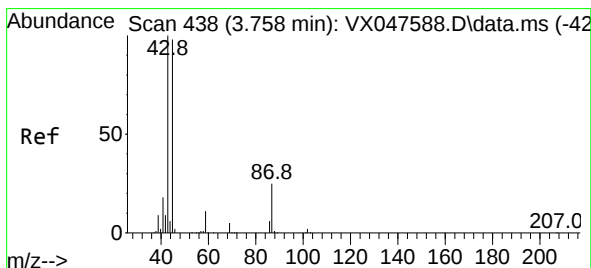
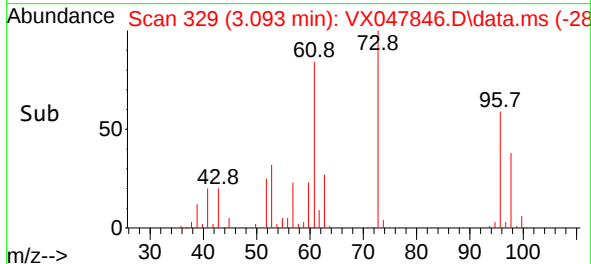
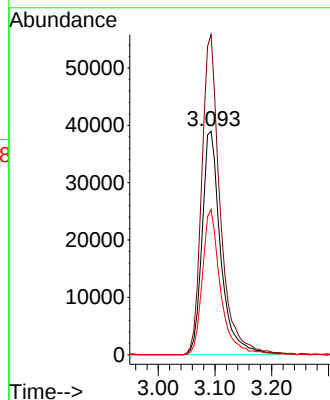
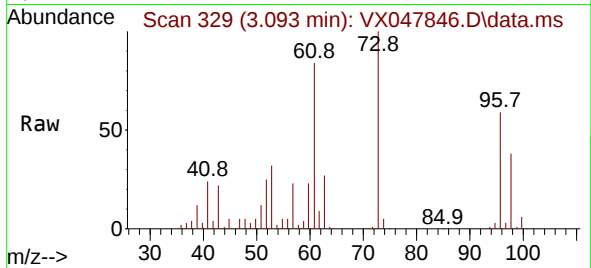




#21
trans-1,2-Dichloroethene
Concen: 56.516 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

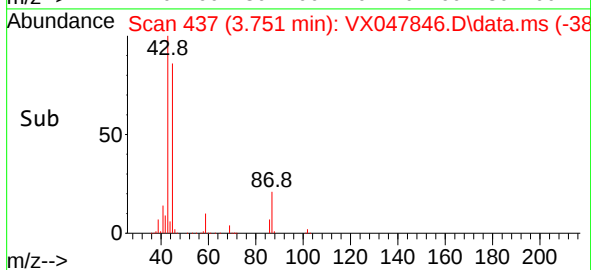
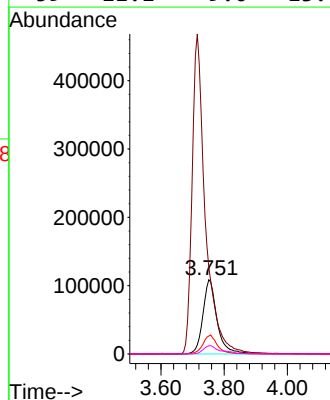
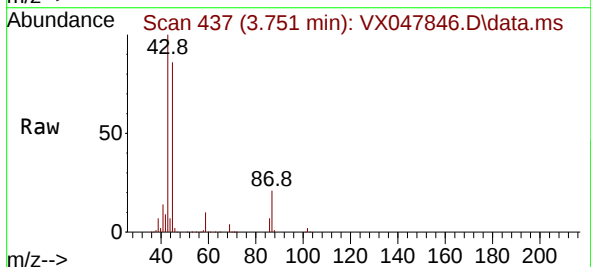
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

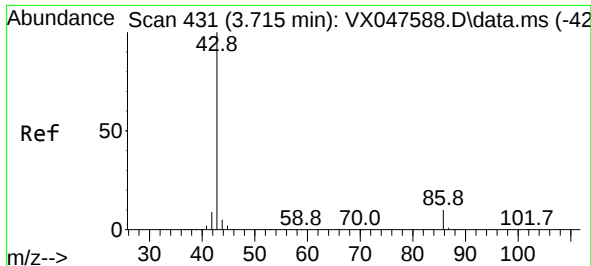
Tgt Ion: 96 Resp: 88722
Ion Ratio Lower Upper
96 100
61 143.3 116.2 174.2
98 65.0 49.3 73.9



#22
Diisopropyl ether
Concen: 58.235 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 45 Resp: 339588
Ion Ratio Lower Upper
45 100
43 116.2 81.0 121.4
87 24.1 20.3 30.5
59 11.1 9.0 13.4

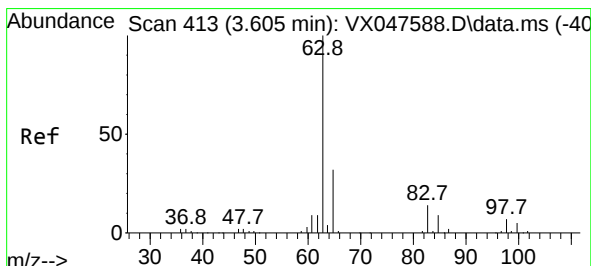
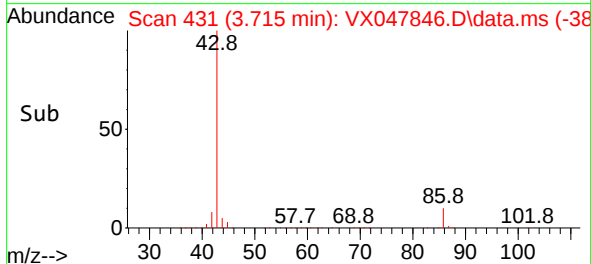
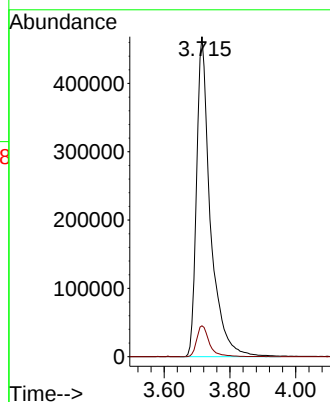
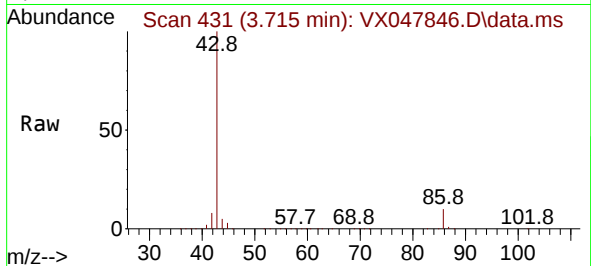




#23
 Vinyl Acetate
 Concen: 292.559 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

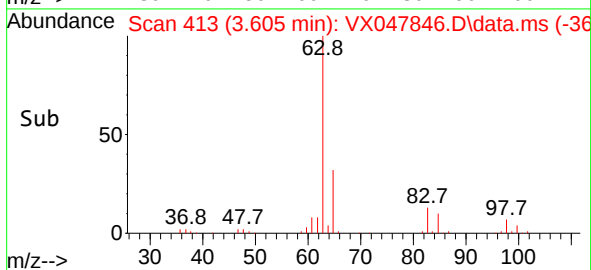
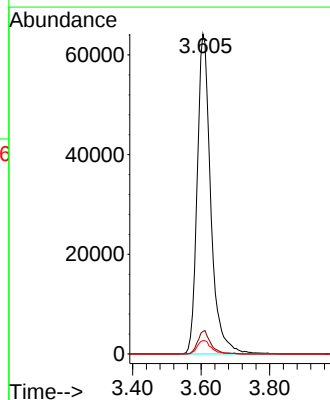
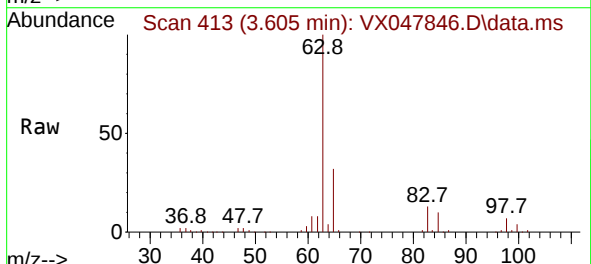
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

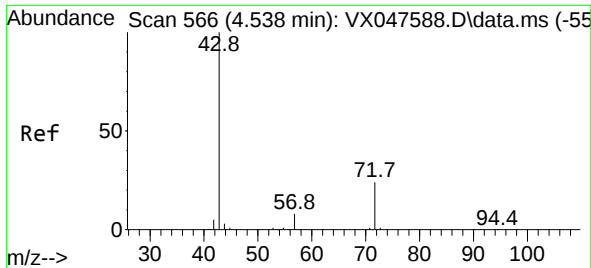
Tgt Ion: 43 Resp: 1365399
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 56.999 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

Tgt Ion: 63 Resp: 176663
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.4 2.3 6.9

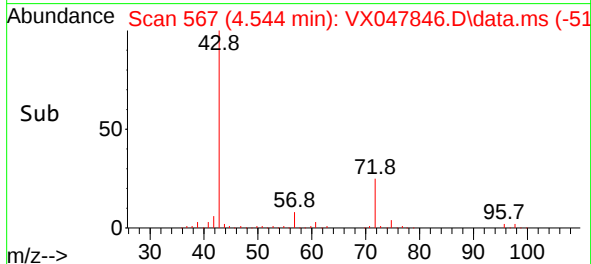
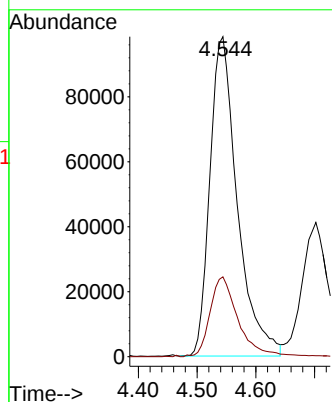
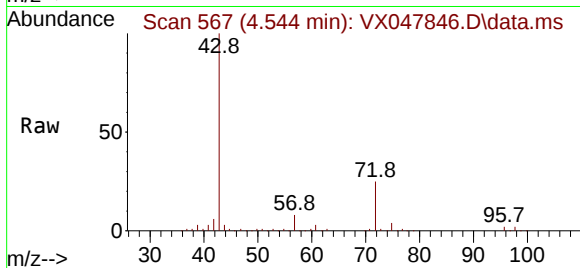




#25
2-Butanone
Concen: 300.509 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

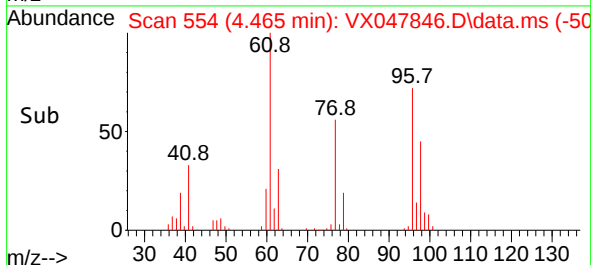
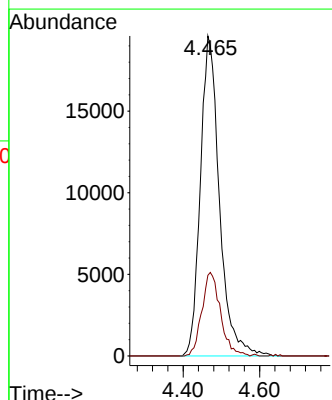
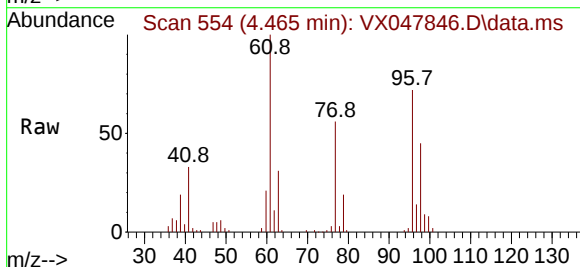
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

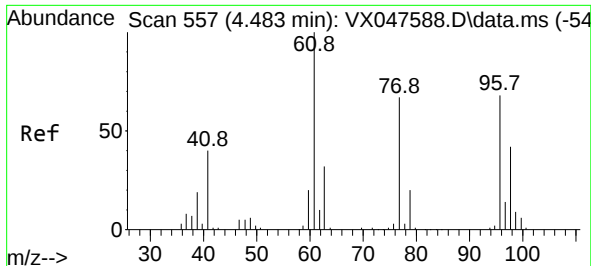
Tgt Ion: 43 Resp: 318394
Ion Ratio Lower Upper
43 100
72 25.0 20.1 30.1



#26
2,2-Dichloropropane
Concen: 26.315 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 77 Resp: 67799
Ion Ratio Lower Upper
77 100
97 25.6 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 57.150 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

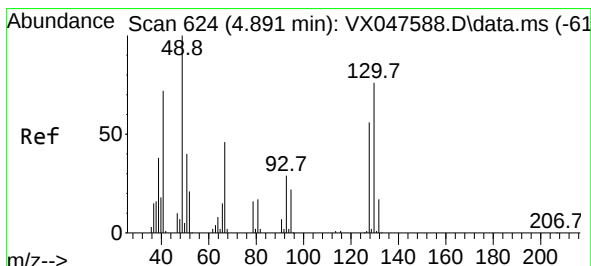
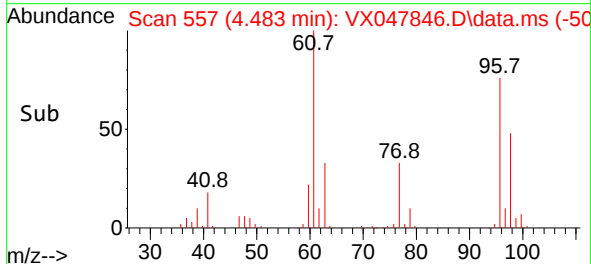
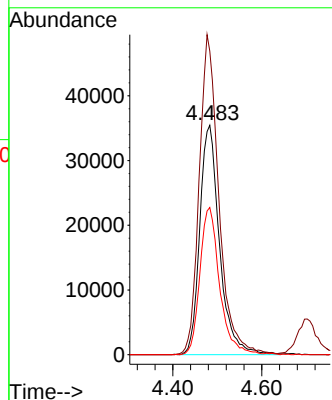
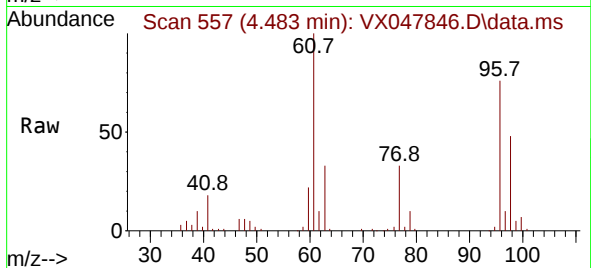
Tgt Ion: 96 Resp: 109875

Ion Ratio Lower Upper

96 100

61 138.7 0.0 303.2

98 63.9 0.0 127.8



#28

Bromochloromethane

Concen: 54.872 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

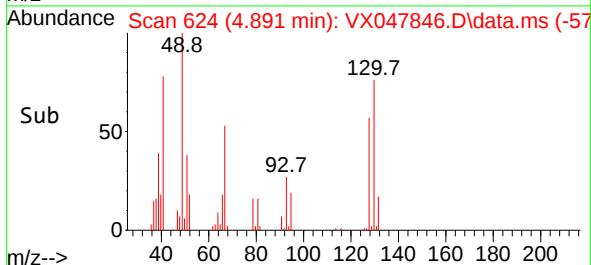
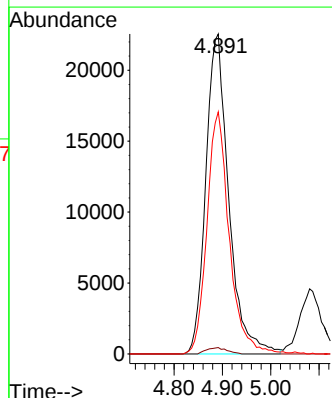
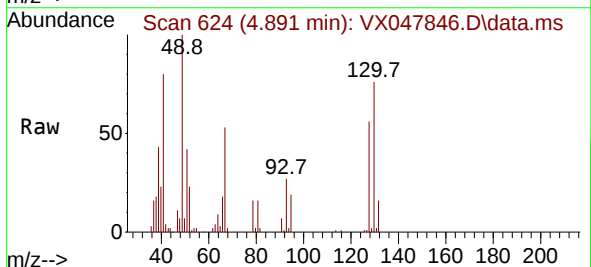
Tgt Ion: 49 Resp: 74247

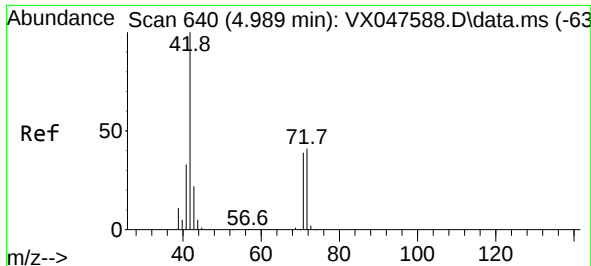
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 73.5 57.8 86.8





#29

Tetrahydrofuran

Concen: 324.797 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

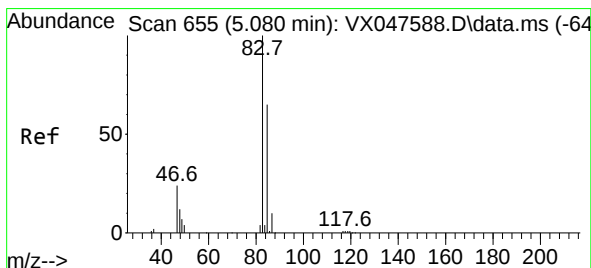
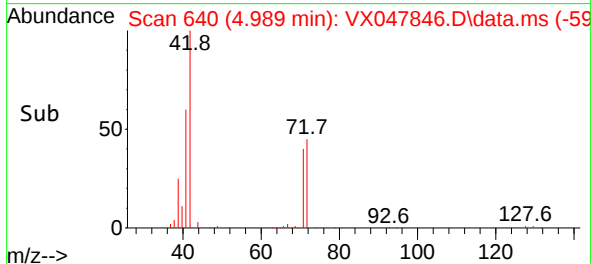
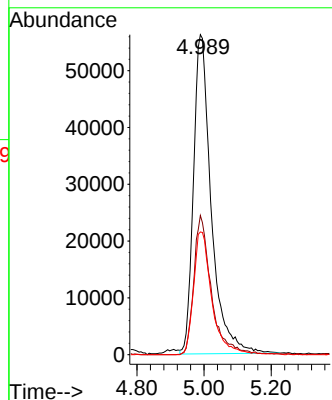
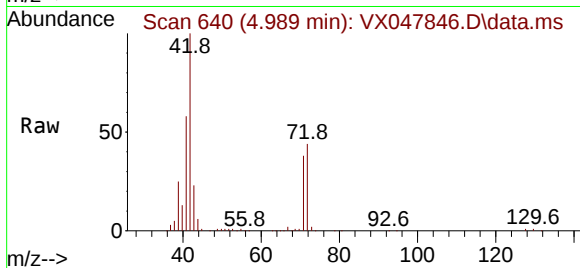
Tgt Ion: 42 Resp: 207019

Ion Ratio Lower Upper

42 100

72 42.8 34.2 51.2

71 39.1 31.9 47.9



#30

Chloroform

Concen: 58.390 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX047846.D

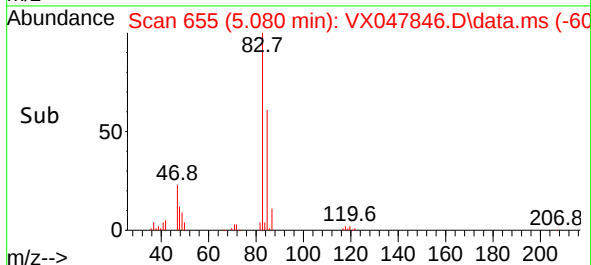
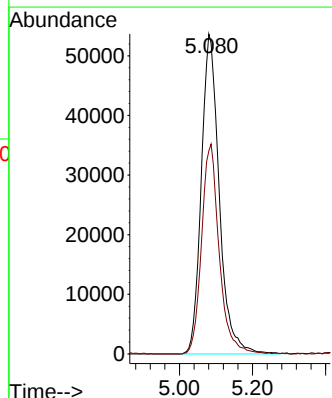
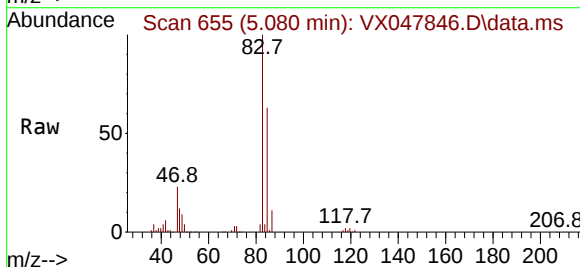
Acq: 26 Sep 2025 09:28

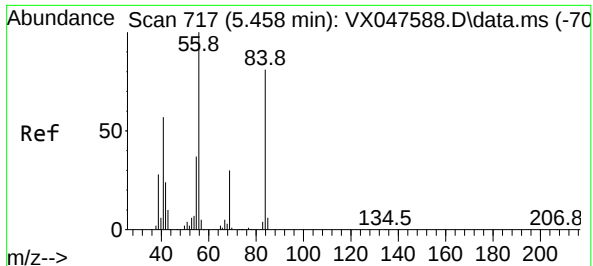
Tgt Ion: 83 Resp: 182880

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

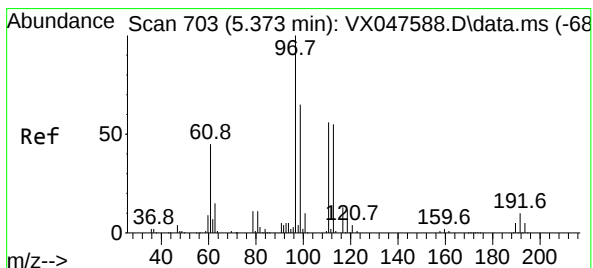
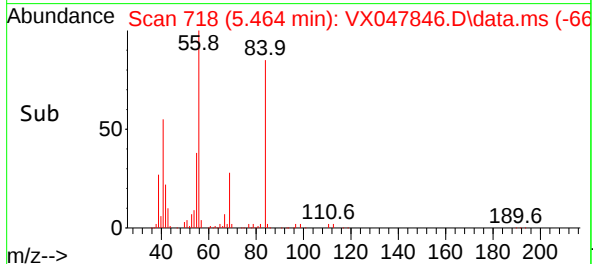
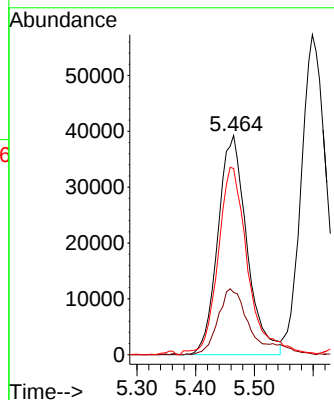
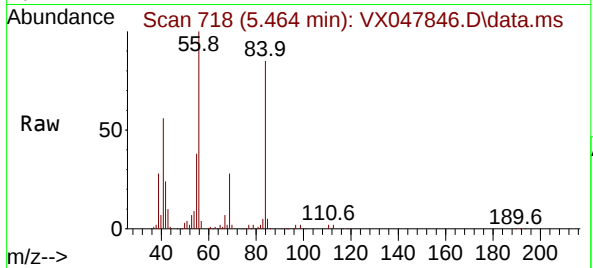




#31
Cyclohexane
Concen: 52.059 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

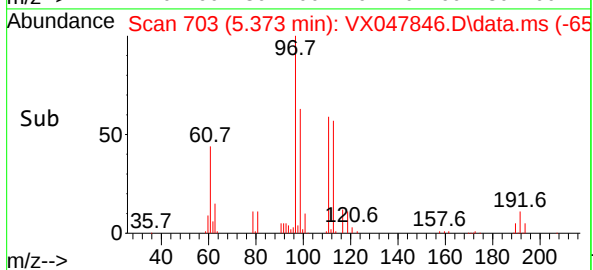
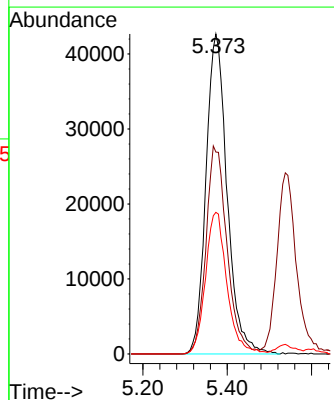
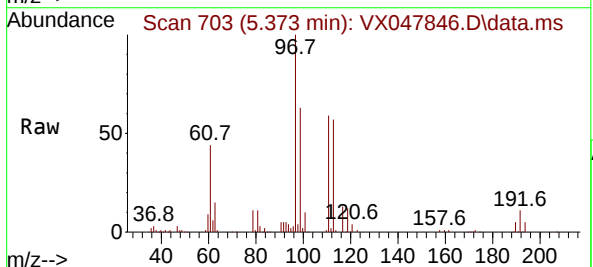
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 134385
Ion Ratio Lower Upper
56 100
69 27.9 23.8 35.8
84 85.0 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 55.983 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 97 Resp: 148727
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 45.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 53.702 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

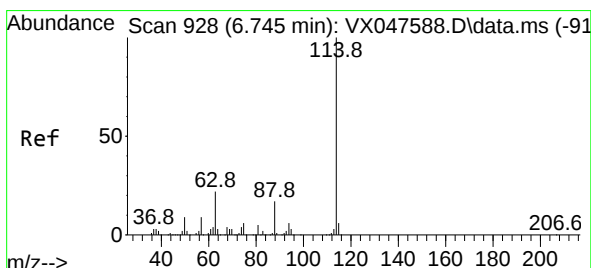
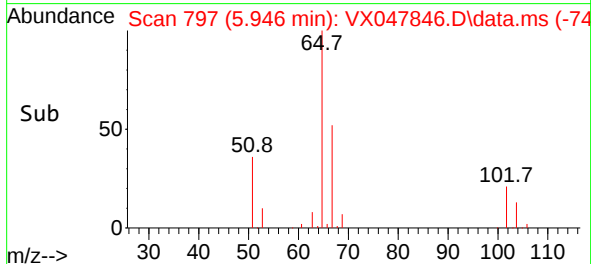
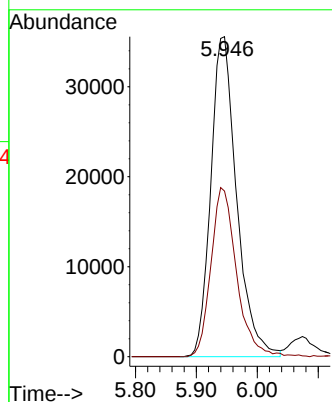
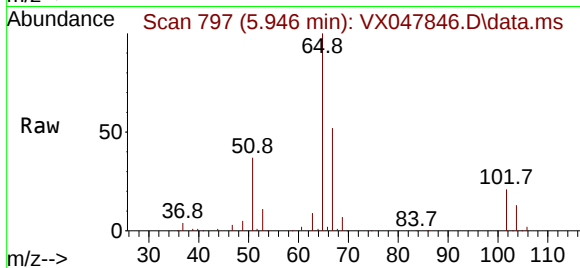
VSTDCCC050EC

Tgt Ion: 65 Resp: 104908

Ion Ratio Lower Upper

65 100

67 52.4 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: VX047846.D

Acq: 26 Sep 2025 09:28

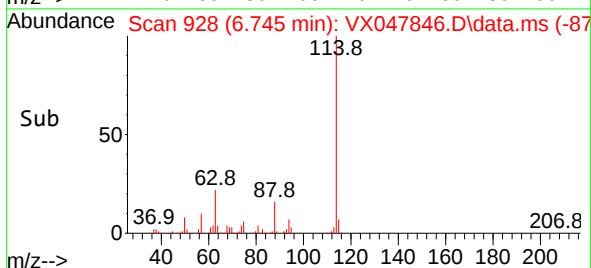
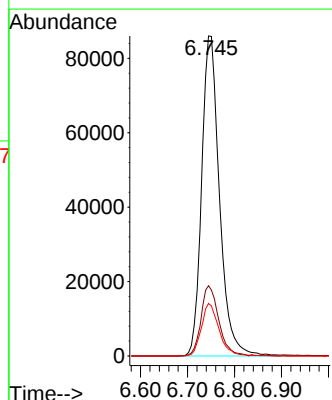
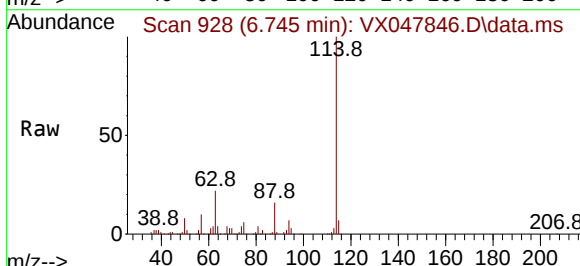
Tgt Ion: 114 Resp: 226924

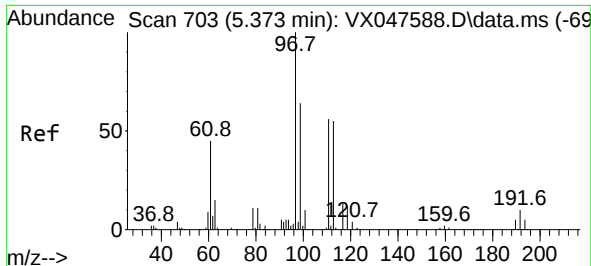
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.4 0.0 34.2

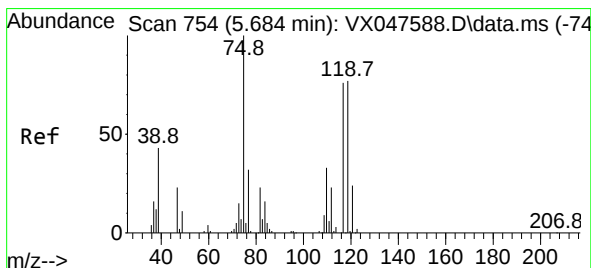
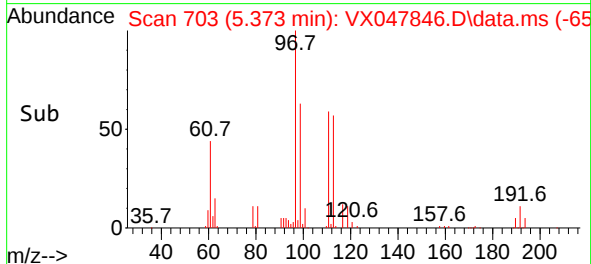
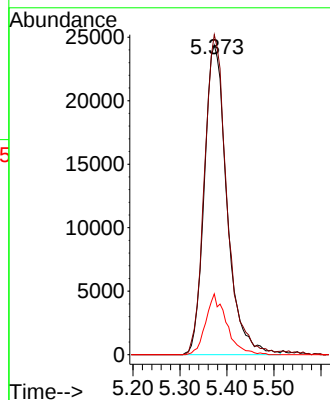
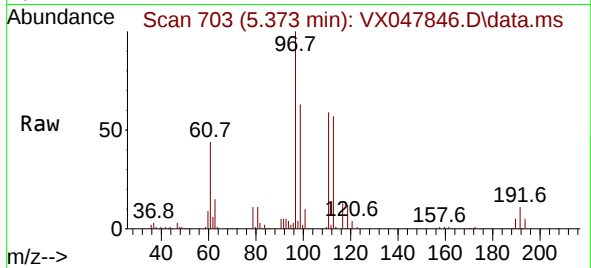




#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

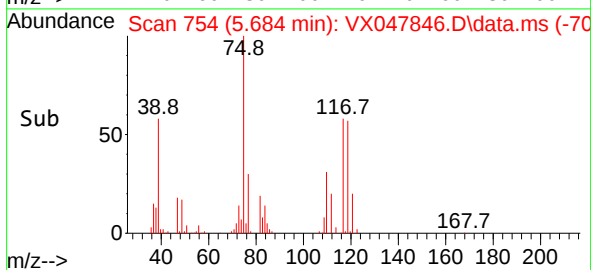
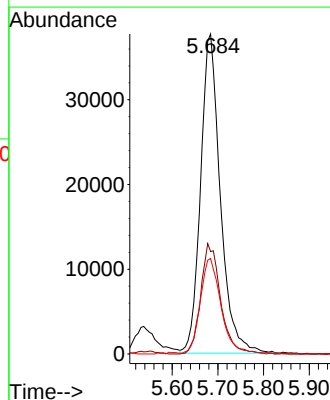
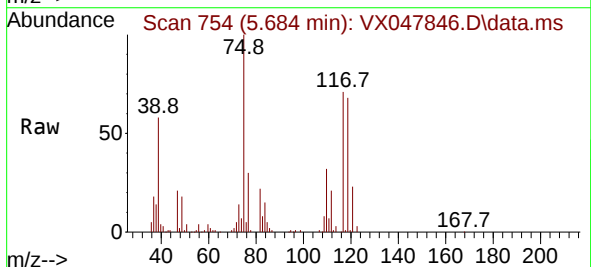
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

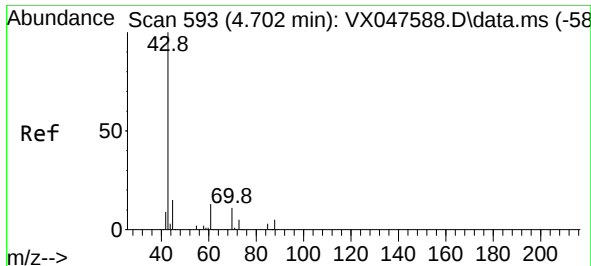
Tgt Ion:113 Resp: 81426
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 50.775 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 112915
Ion Ratio Lower Upper
75 100
110 34.9 16.7 50.1
77 31.5 24.3 36.5





#37

Ethyl Acetate

Concen: 58.292 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

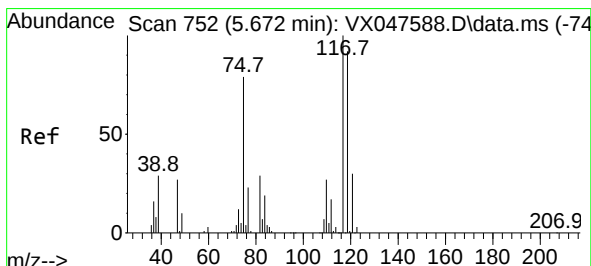
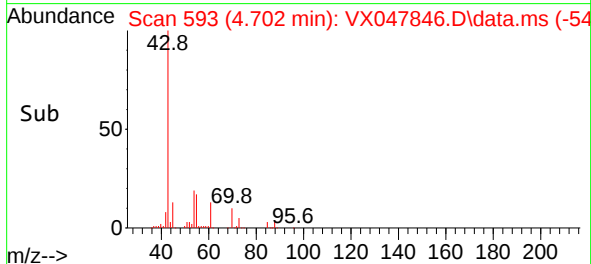
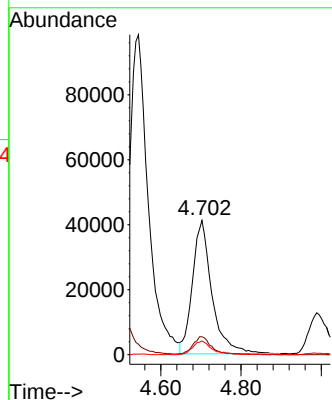
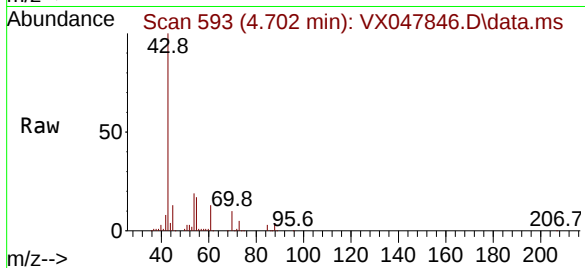
Tgt Ion: 43 Resp: 138799

Ion Ratio Lower Upper

43 100

61 12.5 9.8 14.8

70 10.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 51.447 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

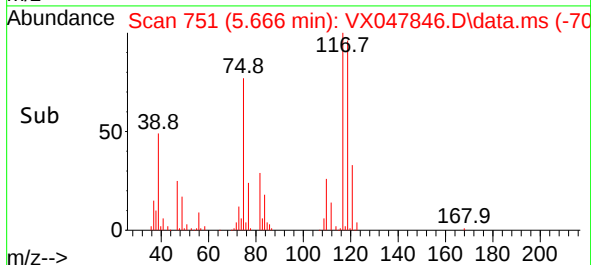
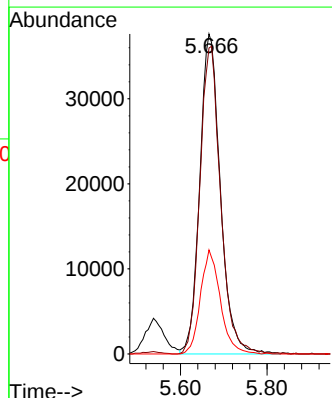
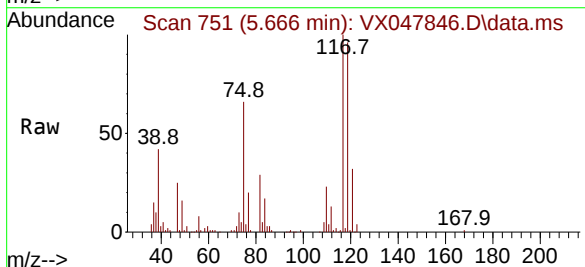
Tgt Ion: 117 Resp: 124307

Ion Ratio Lower Upper

117 100

119 95.4 73.4 110.2

121 32.5 23.8 35.6





#39

Methylcyclohexane

Concen: 49.101 ug/l

RT: 7.367 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDC050EC

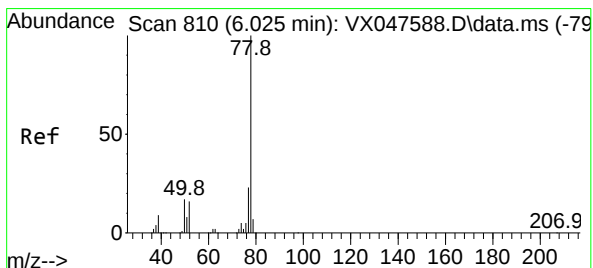
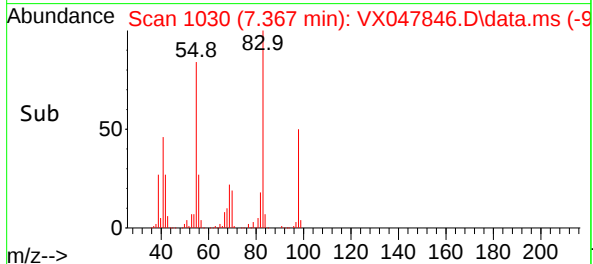
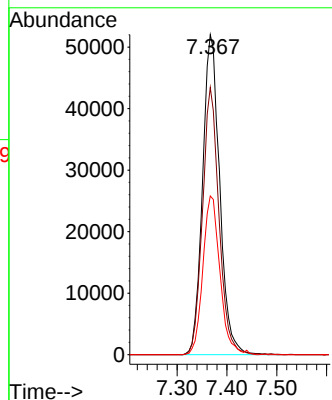
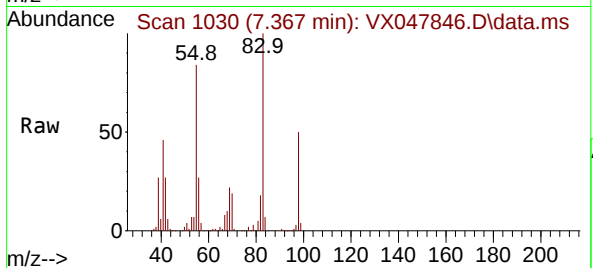
Tgt Ion: 83 Resp: 123946

Ion Ratio Lower Upper

83 100

55 83.5 66.4 99.6

98 49.6 38.1 57.1



#40

Benzene

Concen: 54.941 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX047846.D

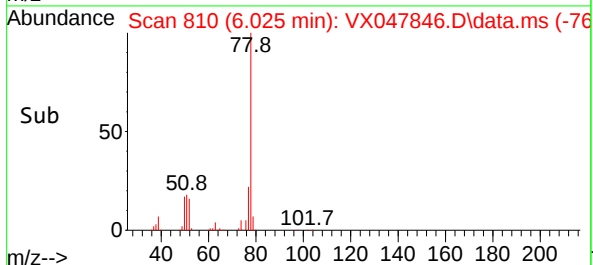
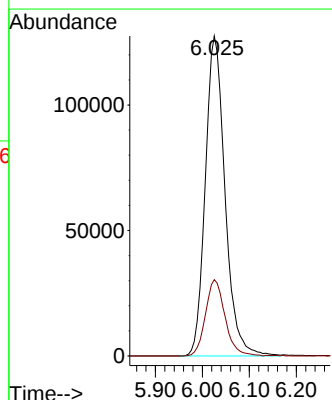
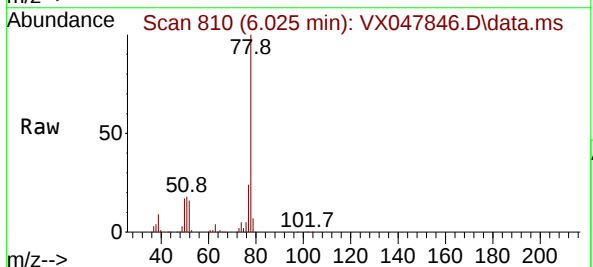
Acq: 26 Sep 2025 09:28

Tgt Ion: 78 Resp: 371092

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

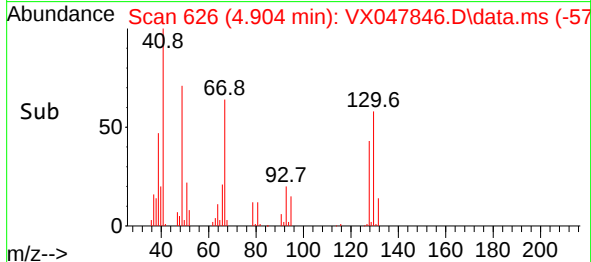
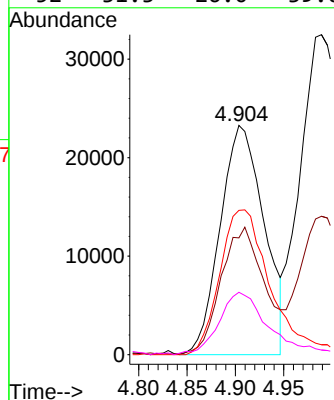
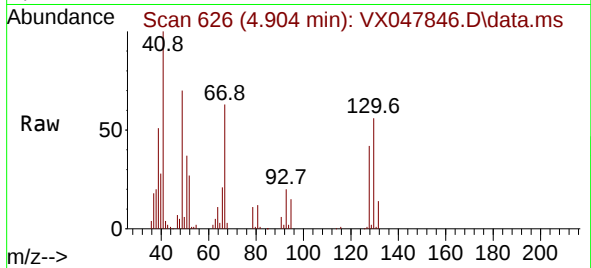




#41
Methacrylonitrile
Concen: 59.748 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

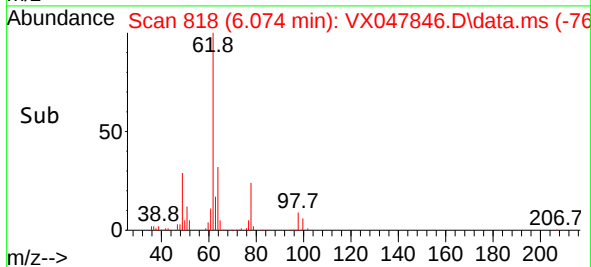
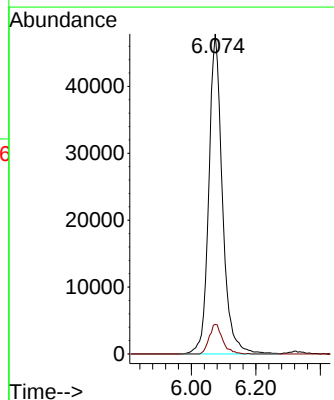
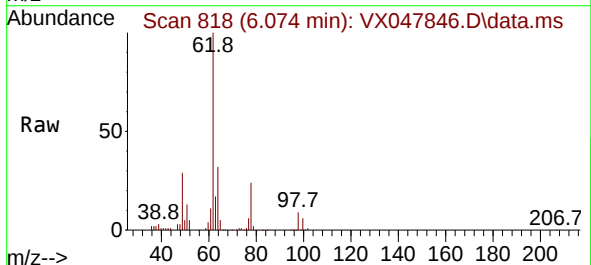
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	73445
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.3	64.9
67	74.9	58.6	87.8
52	31.3	26.0	39.0



#42
1,2-Dichloroethane
Concen: 54.521 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:	62	Resp:	140116
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0

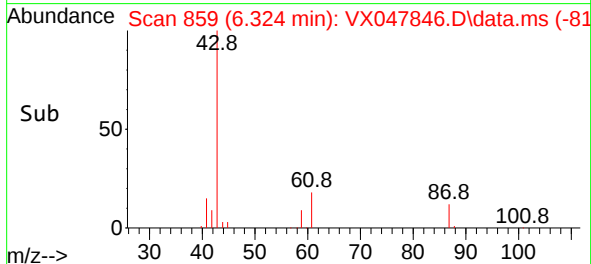
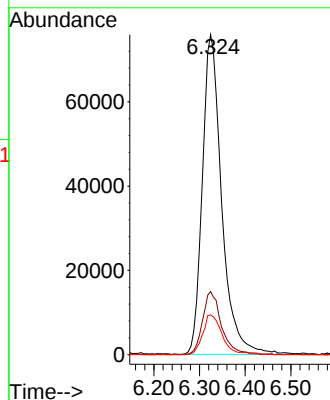
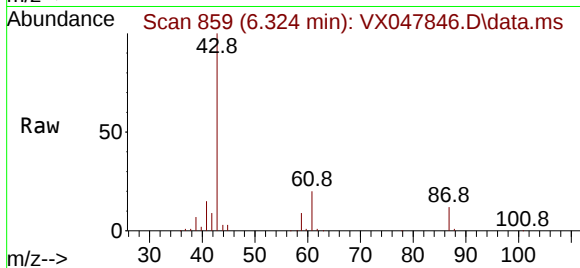




#43
Isopropyl Acetate
Concen: 57.038 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

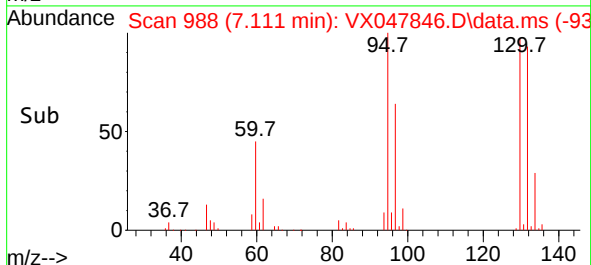
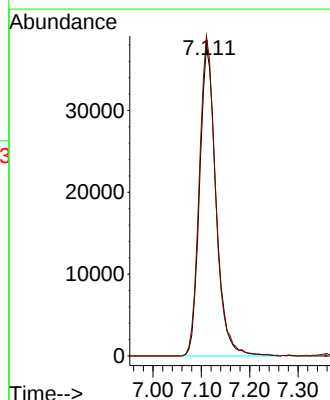
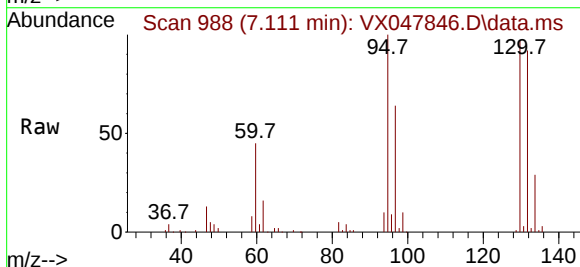
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

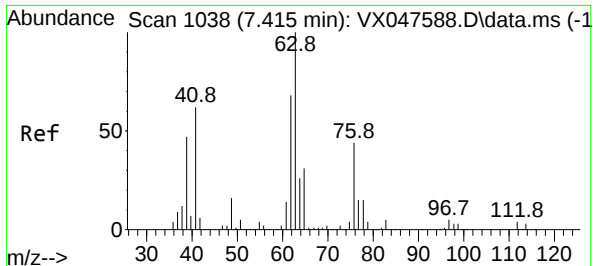
Tgt Ion: 43 Resp: 222742
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.5 9.6 14.4



#44
Trichloroethene
Concen: 54.607 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:130 Resp: 89171
Ion Ratio Lower Upper
130 100
95 103.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 56.928 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

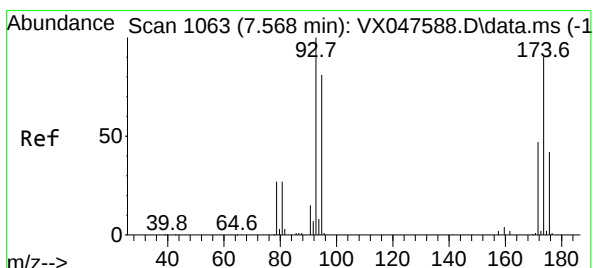
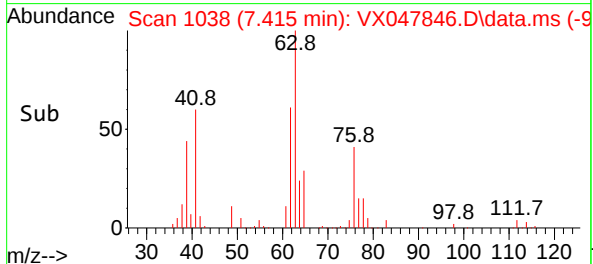
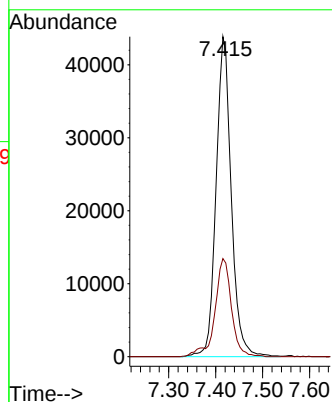
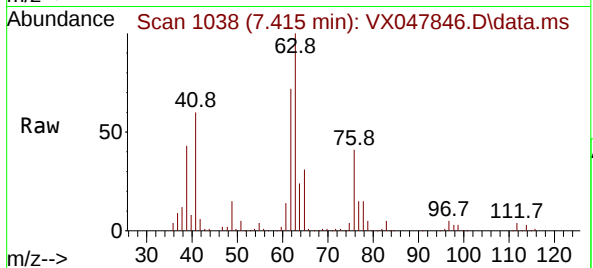
VSTDCCC050EC

Tgt Ion: 63 Resp: 98458

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 56.959 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

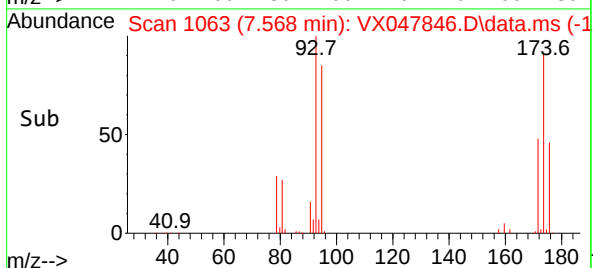
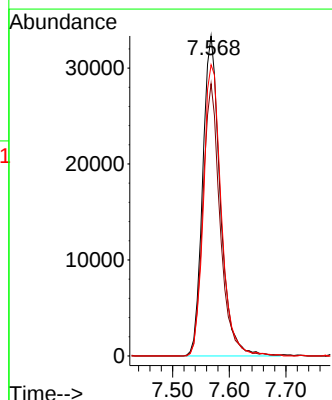
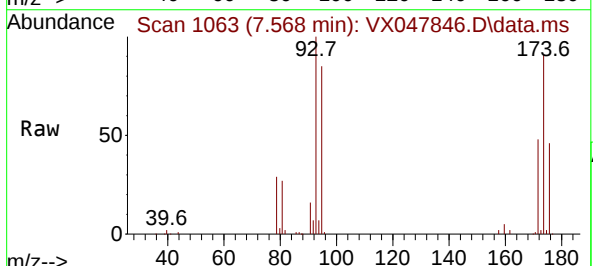
Tgt Ion: 93 Resp: 71687

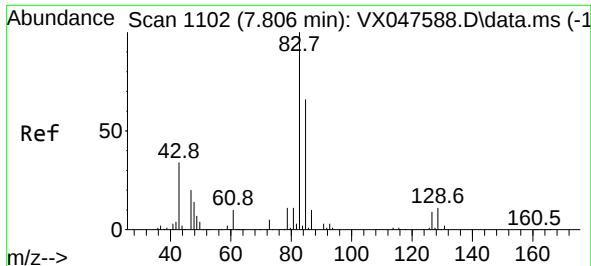
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.6

174 92.6 71.6 107.4





#47

Bromodichloromethane

Concen: 56.657 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

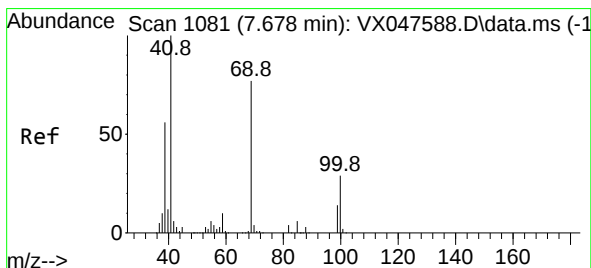
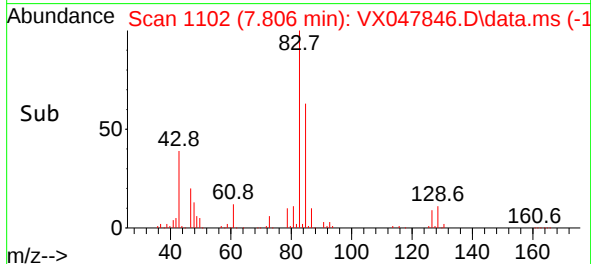
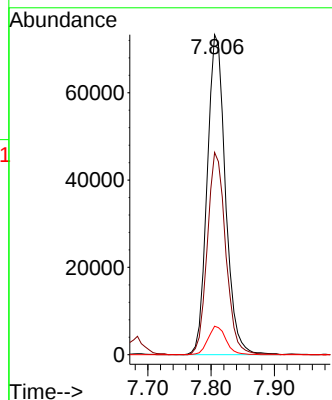
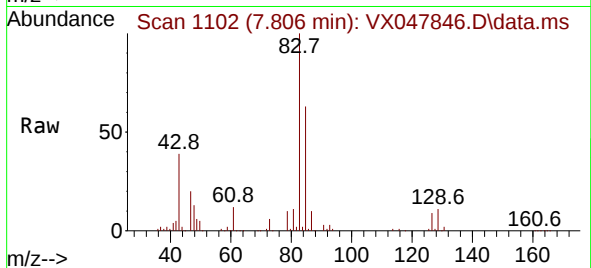
Tgt Ion: 83 Resp: 147147

Ion Ratio Lower Upper

83 100

85 63.1 52.5 78.7

127 8.9 6.9 10.3



#48

Methyl methacrylate

Concen: 57.803 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

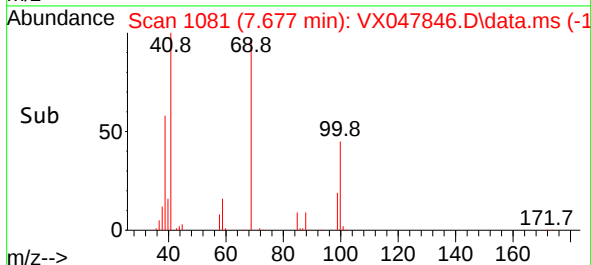
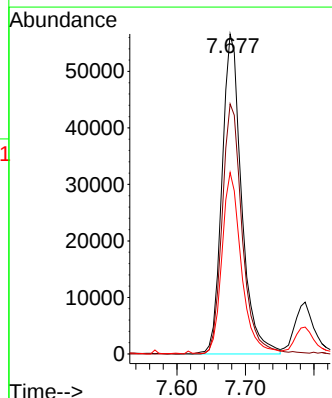
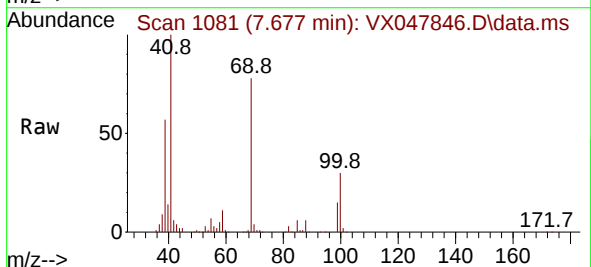
Tgt Ion: 41 Resp: 112437

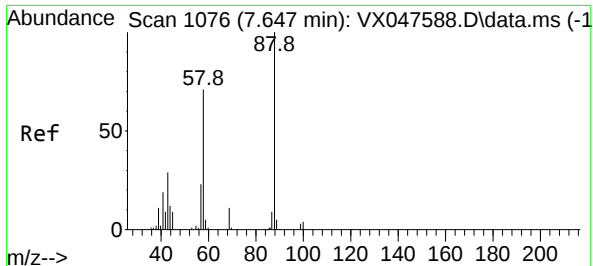
Ion Ratio Lower Upper

41 100

69 80.1 61.4 92.2

39 55.5 45.8 68.6





#49

1,4-Dioxane

Concen: 1515.251 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

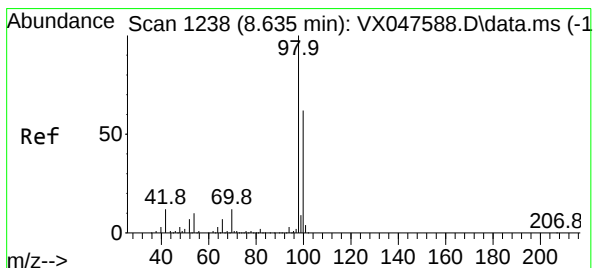
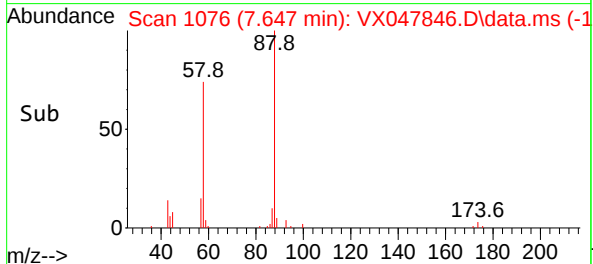
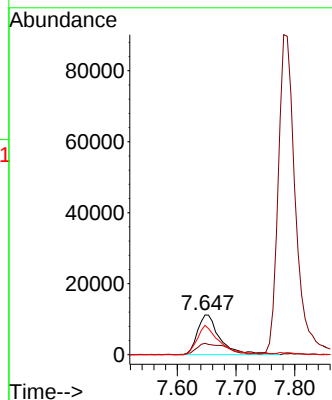
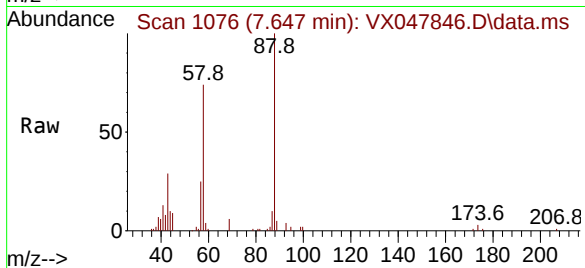
Tgt Ion: 88 Resp: 29787

Ion Ratio Lower Upper

88 100

43 38.1 30.2 45.2

58 71.0 59.5 89.3



#50

Toluene-d8

Concen: 52.686 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047846.D

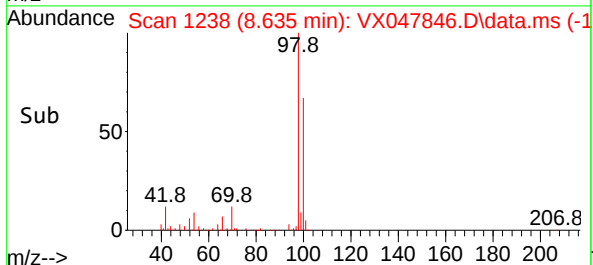
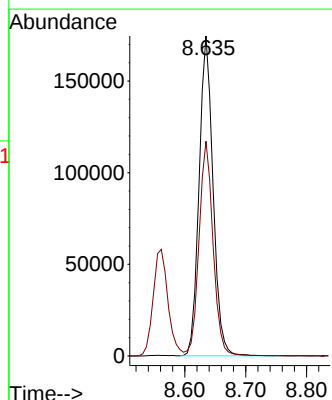
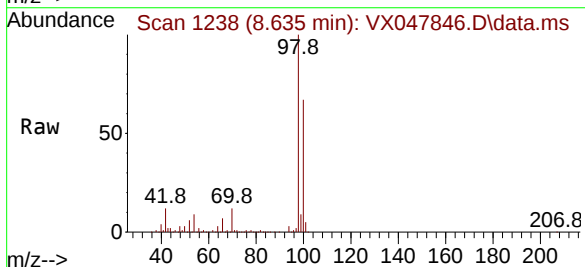
Acq: 26 Sep 2025 09:28

Tgt Ion: 98 Resp: 277443

Ion Ratio Lower Upper

98 100

100 67.6 53.0 79.4

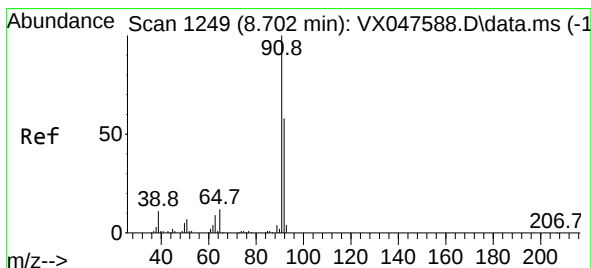
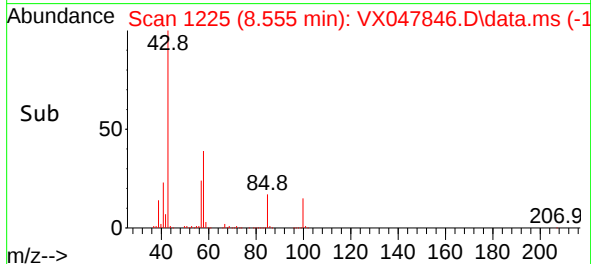
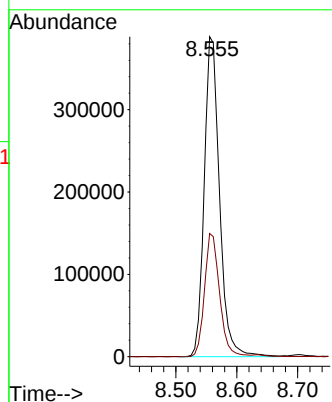
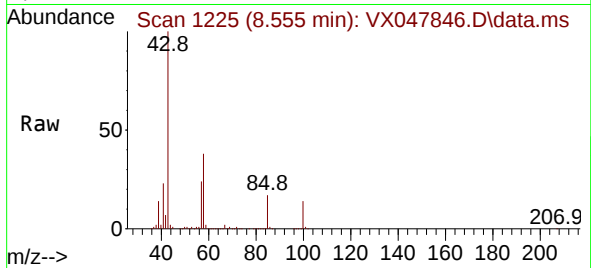




#51
4-Methyl-2-Pentanone
Concen: 312.881 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

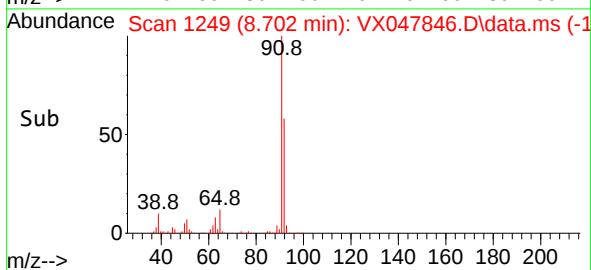
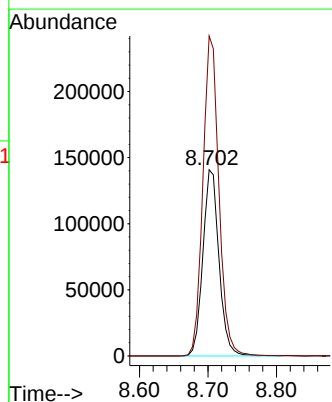
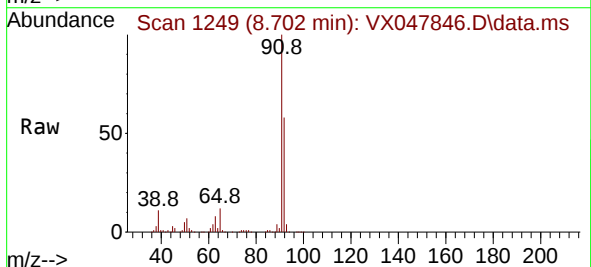
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 677440
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5



#52
Toluene
Concen: 55.407 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 92 Resp: 230568
Ion Ratio Lower Upper
92 100
91 170.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 50.205 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

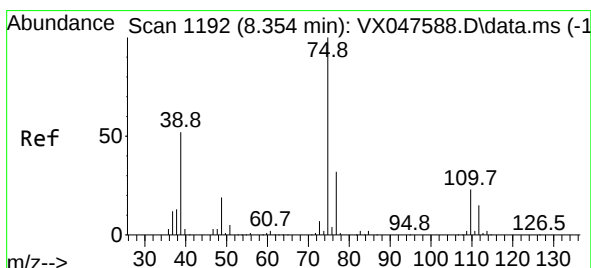
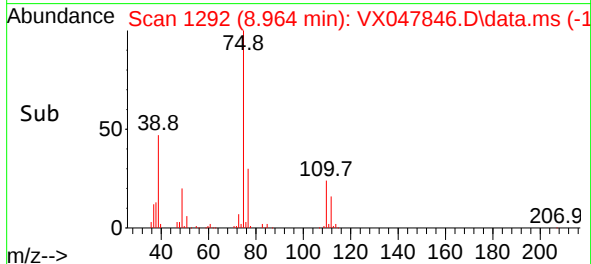
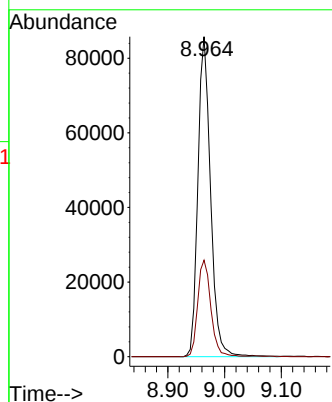
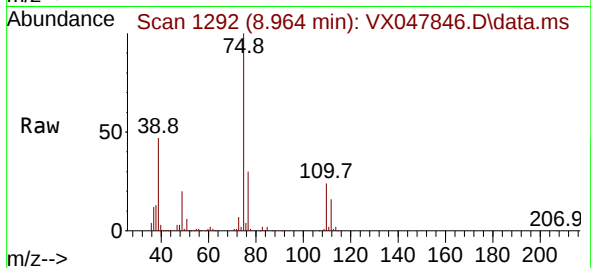
VSTDCCC050EC

Tgt Ion: 75 Resp: 133000

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.456 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

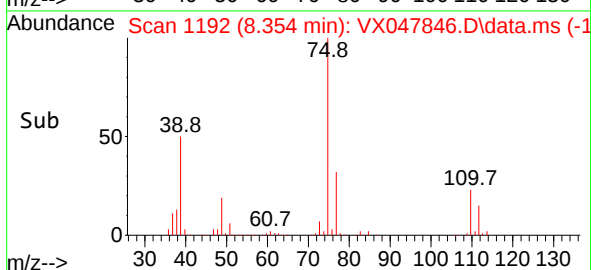
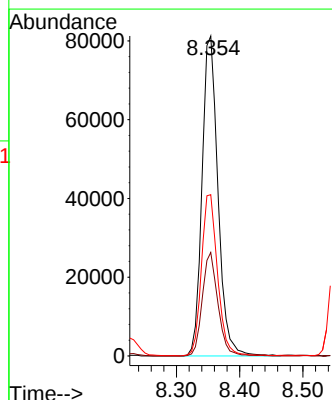
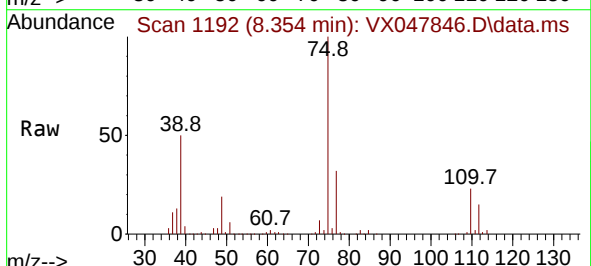
Tgt Ion: 75 Resp: 142865

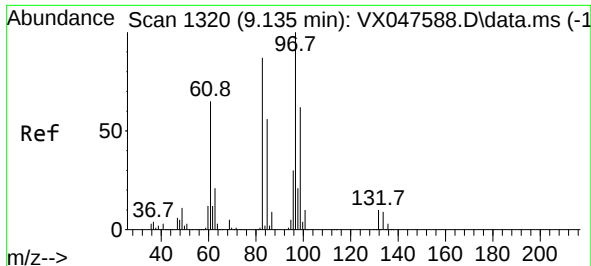
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 50.4 41.4 62.2

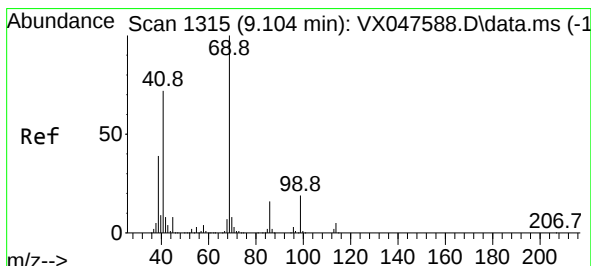
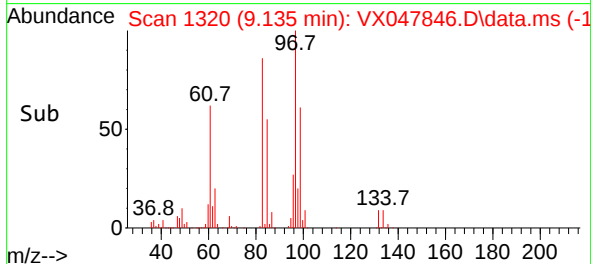
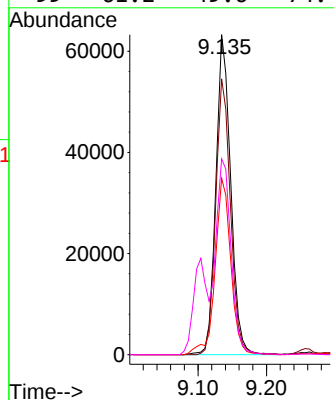
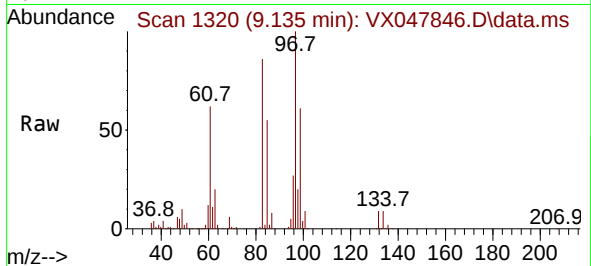




#55
1,1,2-Trichloroethane
Concen: 59.143 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

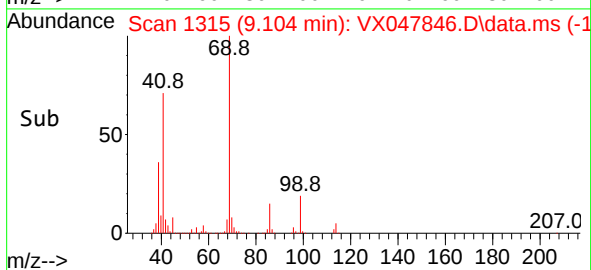
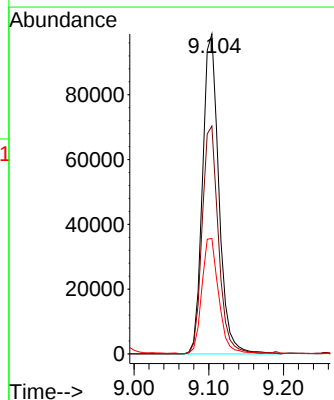
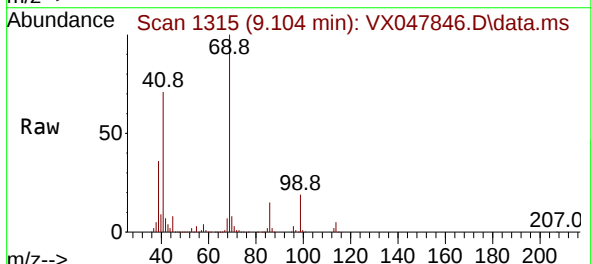
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

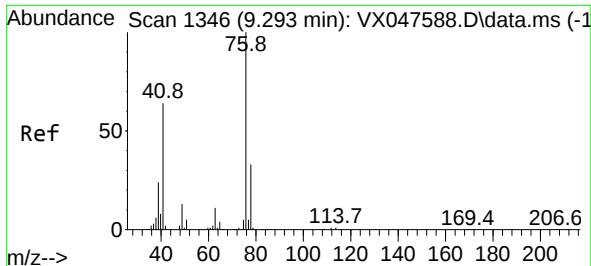
Tgt Ion:	97	Resp:	94900
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.6	104.4
85	55.1	45.0	67.6
99	61.2	49.6	74.4



#56
Ethyl methacrylate
Concen: 59.552 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:	69	Resp:	150069
Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.6	87.8
39	36.9	31.5	47.3





#57

1,3-Dichloropropane

Concen: 58.624 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

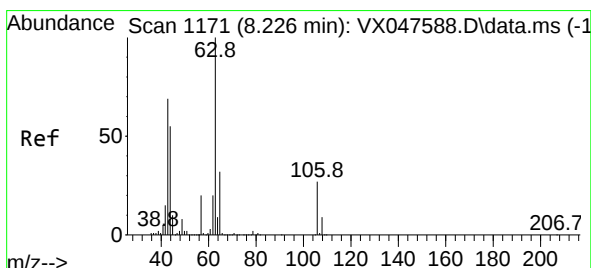
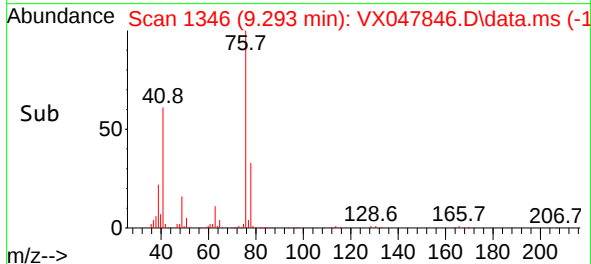
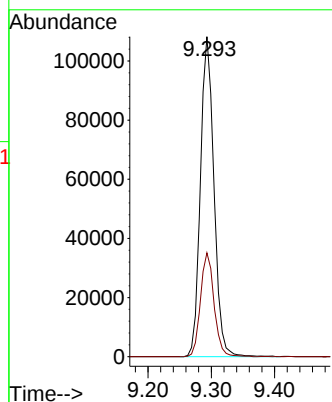
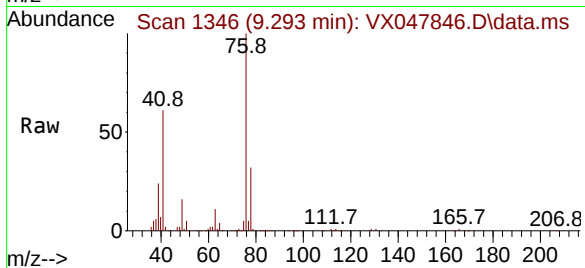
VSTDCCC050EC

Tgt Ion: 76 Resp: 161592

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 320.095 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047846.D

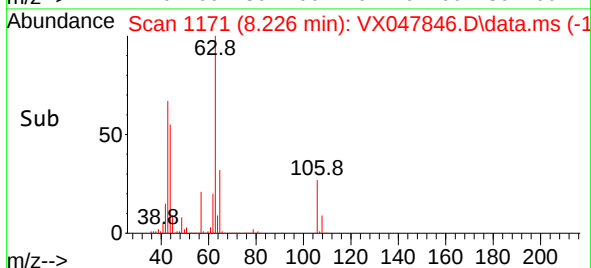
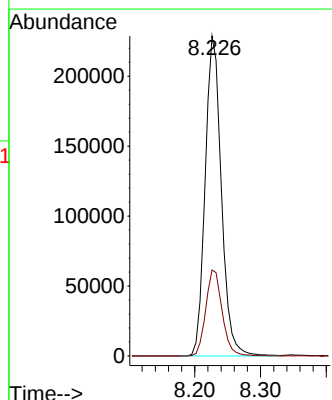
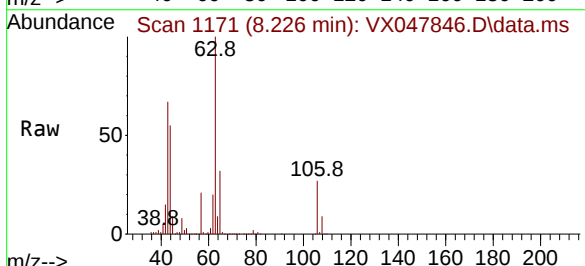
Acq: 26 Sep 2025 09:28

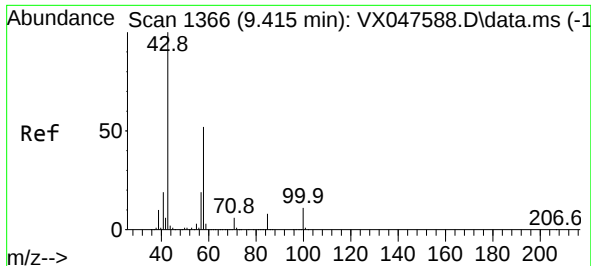
Tgt Ion: 63 Resp: 392274

Ion Ratio Lower Upper

63 100

106 27.2 21.9 32.9





#59

2-Hexanone

Concen: 303.339 ug/l

RT: 9.415 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

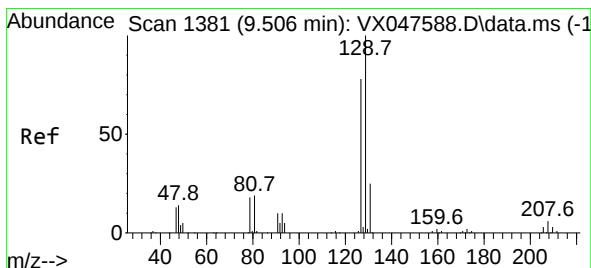
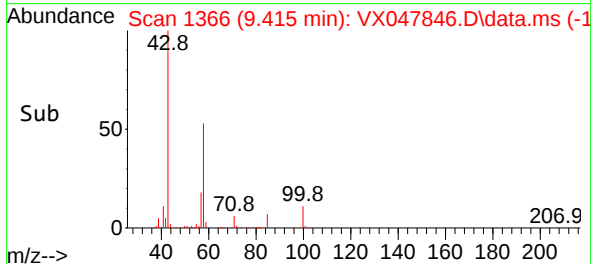
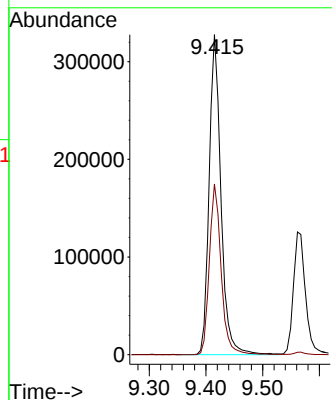
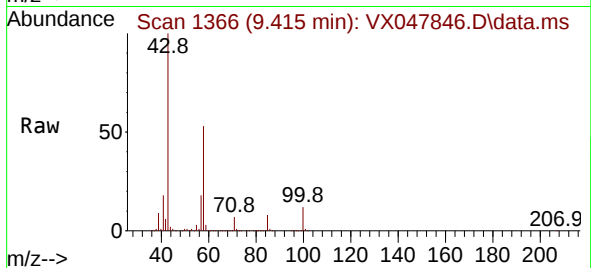
VSTDCCC050EC

Tgt Ion: 43 Resp: 471702

Ion Ratio Lower Upper

43 100

58 53.4 26.1 78.2



#60

Dibromochloromethane

Concen: 59.800 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX047846.D

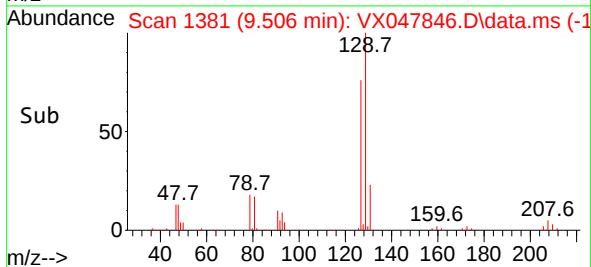
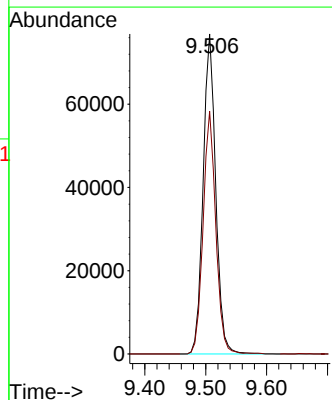
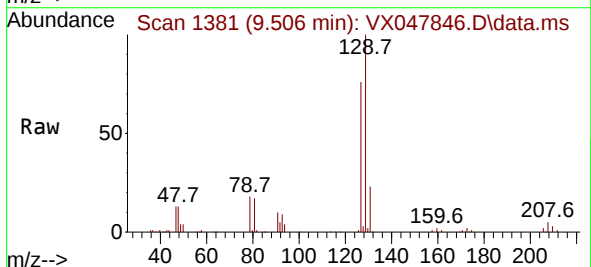
Acq: 26 Sep 2025 09:28

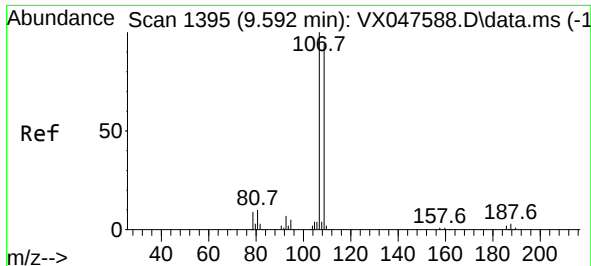
Tgt Ion:129 Resp: 110561

Ion Ratio Lower Upper

129 100

127 76.7 38.4 115.2

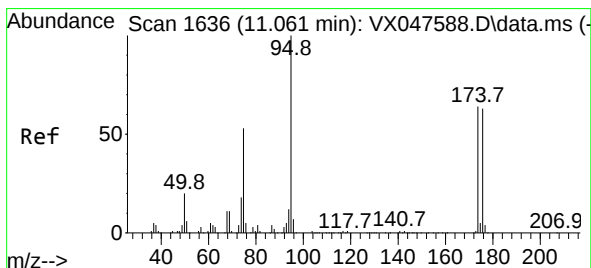
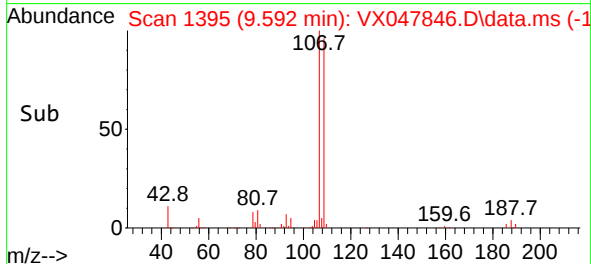
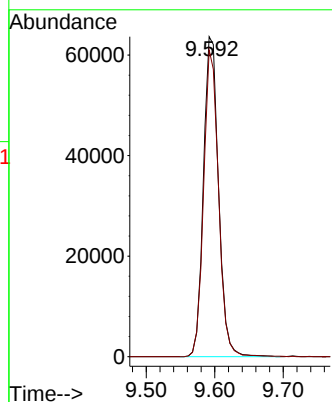
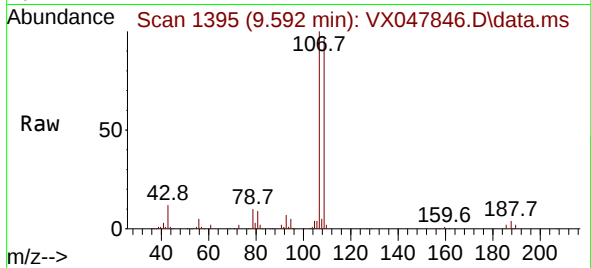




#61
1,2-Dibromoethane
Concen: 59.844 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

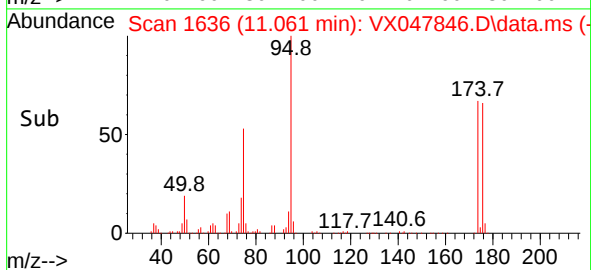
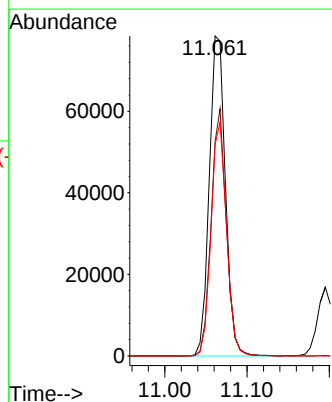
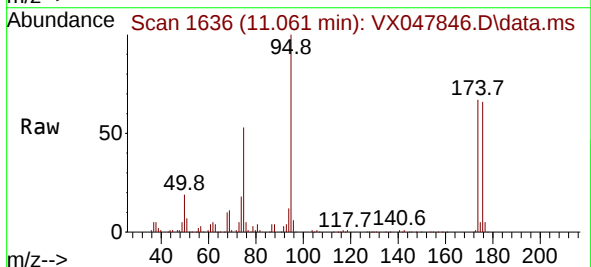
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 97806
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 53.331 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 95 Resp: 106584
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 70.1 0.0 138.4

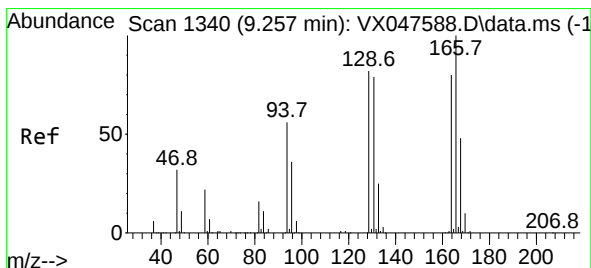
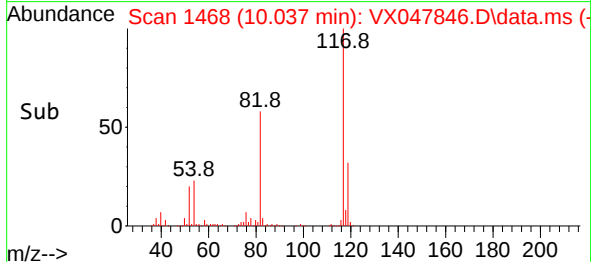
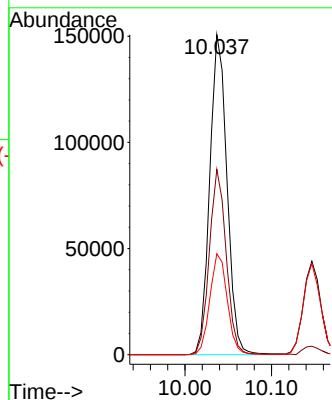
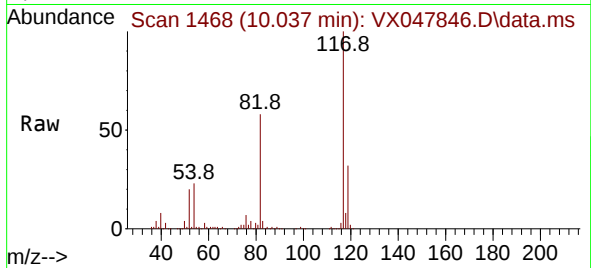




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

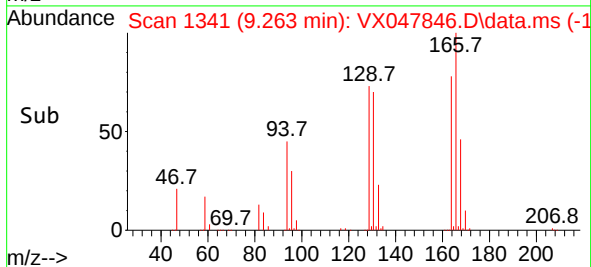
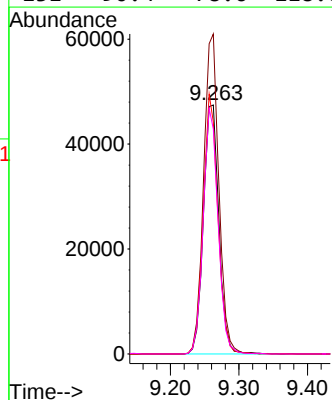
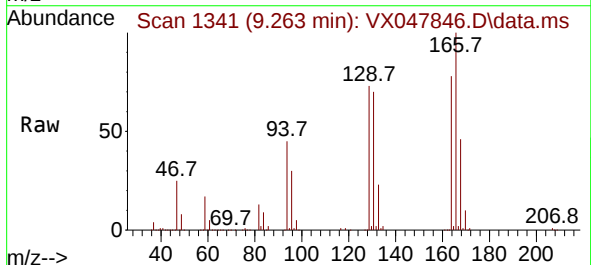
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

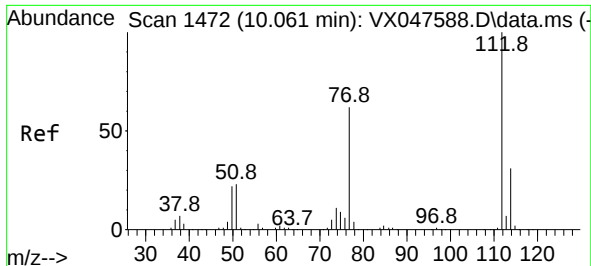
Tgt Ion:117 Resp: 208536
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 54.685 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:164 Resp: 74341
Ion Ratio Lower Upper
164 100
166 128.6 100.2 150.2
129 93.2 81.8 122.6
131 90.4 78.6 118.0

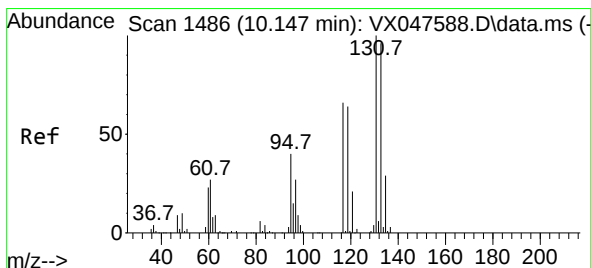
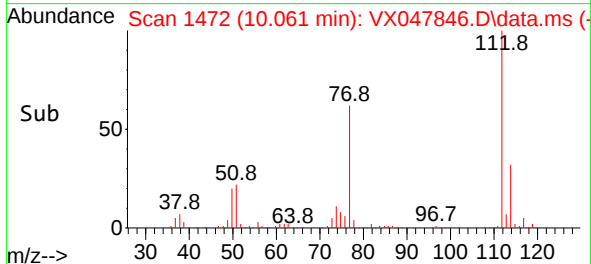
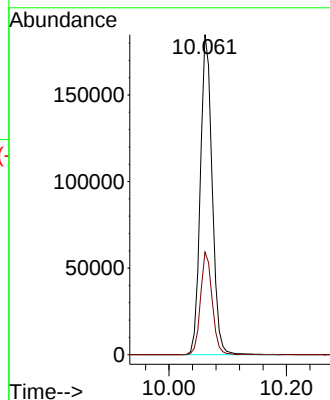
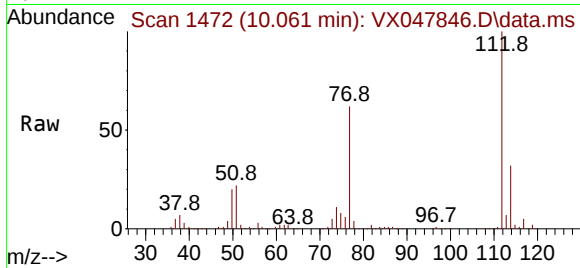




#65
Chlorobenzene
Concen: 54.250 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

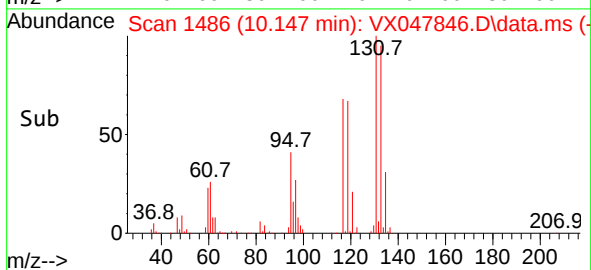
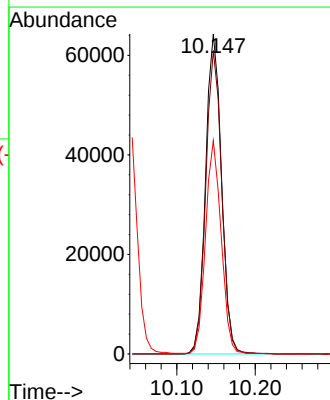
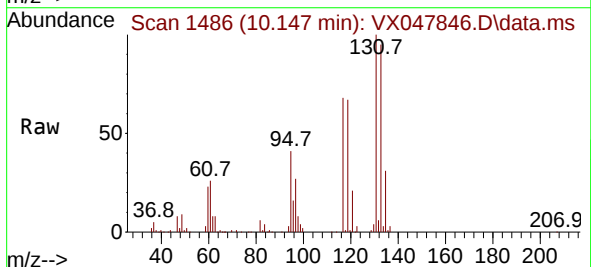
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 257011
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.391 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:131 Resp: 90553
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 65.9 32.0 96.0





#67

Ethyl Benzene

Concen: 53.122 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

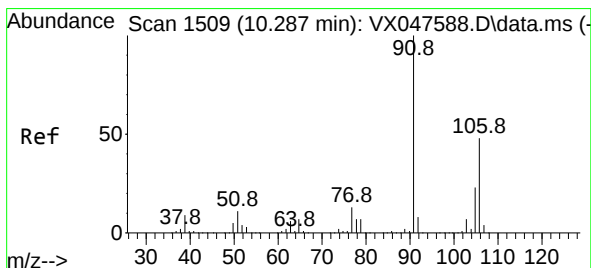
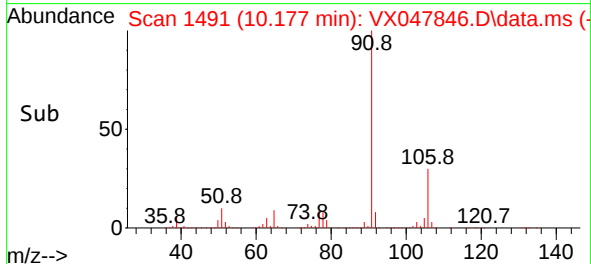
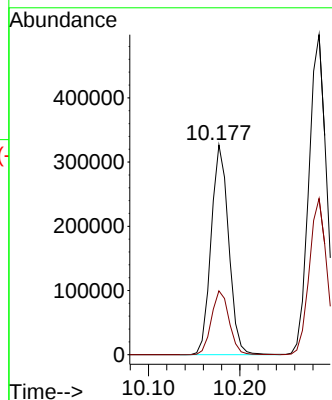
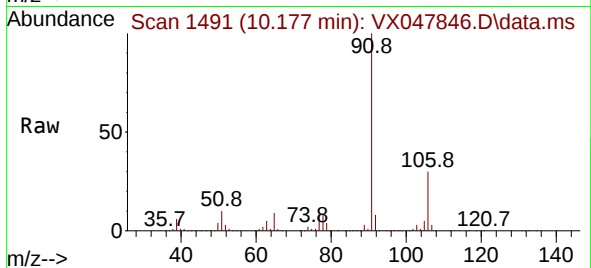
VSTDCCC050EC

Tgt Ion: 91 Resp: 434237

Ion Ratio Lower Upper

91 100

106 30.4 24.3 36.5



#68

m/p-Xylenes

Concen: 107.876 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX047846.D

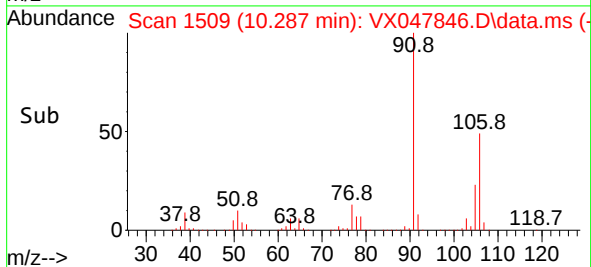
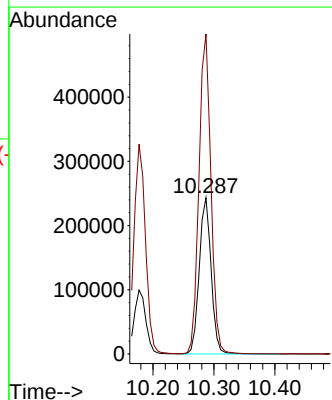
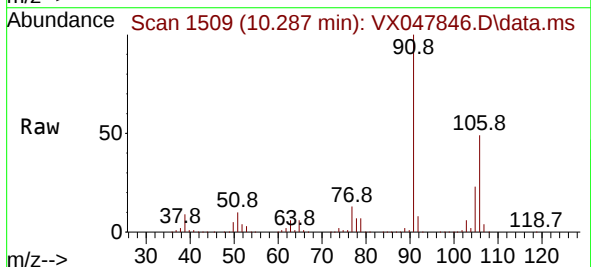
Acq: 26 Sep 2025 09:28

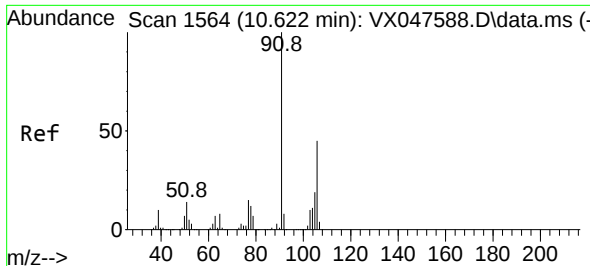
Tgt Ion:106 Resp: 328215

Ion Ratio Lower Upper

106 100

91 206.5 167.8 251.8

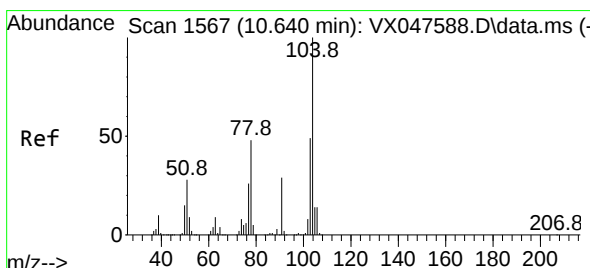
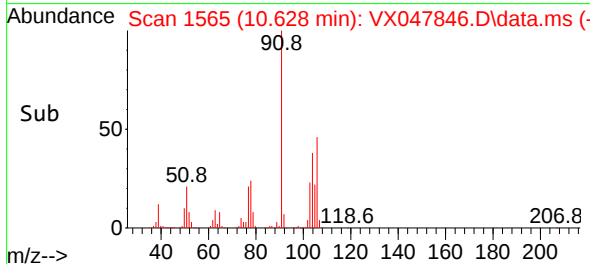
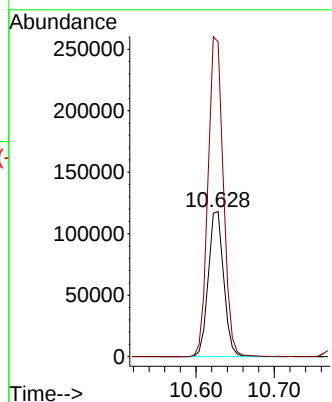
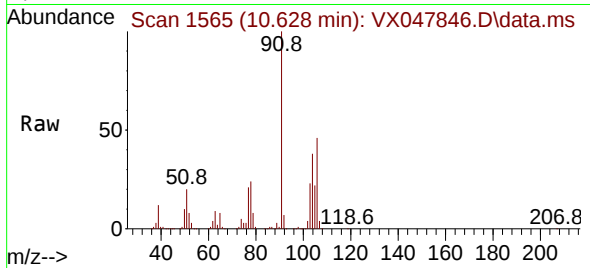




#69
o-Xylene
Concen: 54.716 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

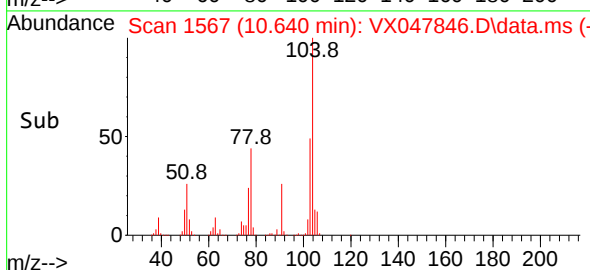
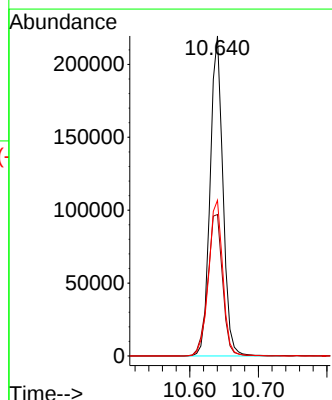
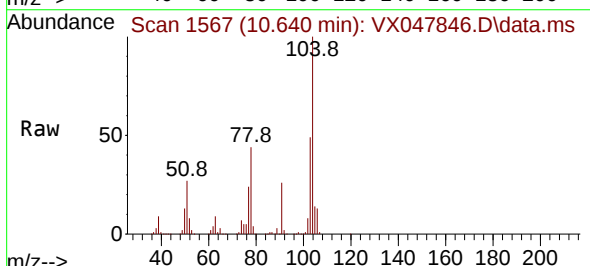
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 161019
Ion Ratio Lower Upper
106 100
91 219.5 111.1 333.4



#70
Styrene
Concen: 55.621 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:104 Resp: 286806
Ion Ratio Lower Upper
104 100
78 51.1 43.1 64.7
103 53.7 43.1 64.7





#71

Bromoform

Concen: 58.336 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

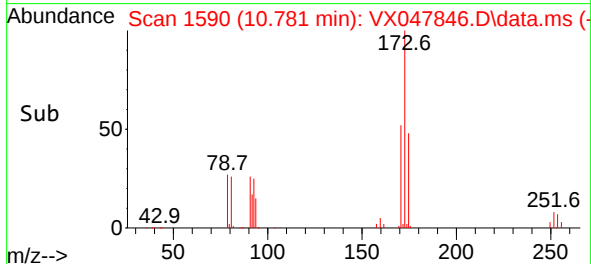
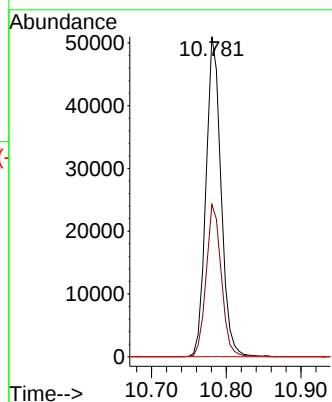
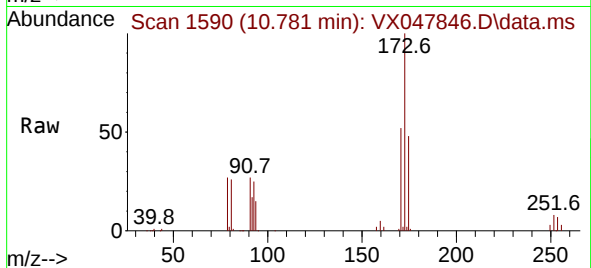
Tgt Ion:173 Resp: 71210

Ion Ratio Lower Upper

173 100

175 47.9 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: VX047846.D

Acq: 26 Sep 2025 09:28

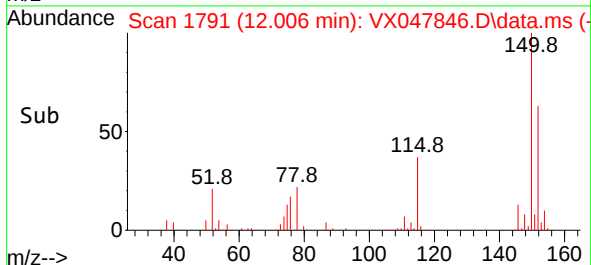
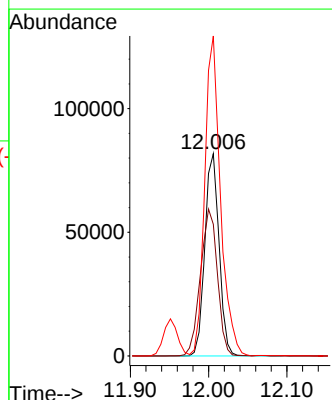
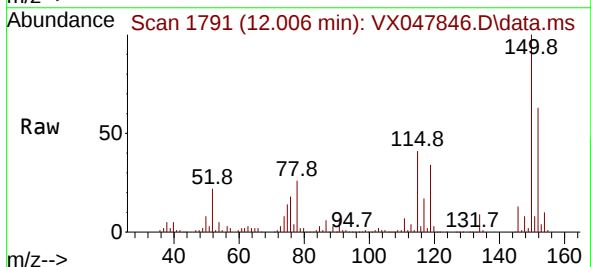
Tgt Ion:152 Resp: 103174

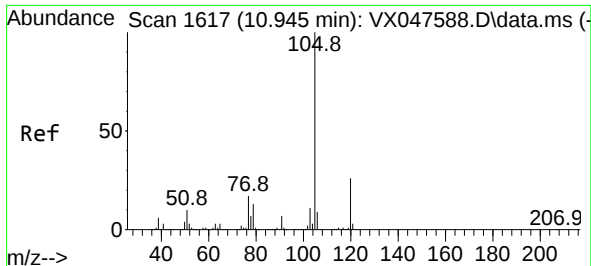
Ion Ratio Lower Upper

152 100

115 86.7 44.9 134.5

150 174.7 0.0 352.0

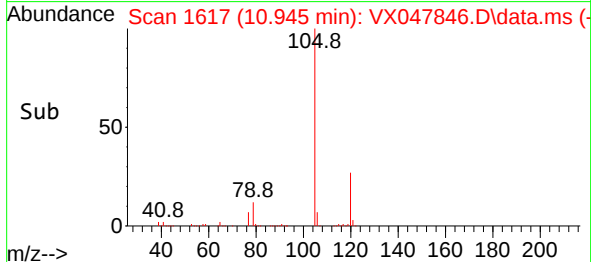
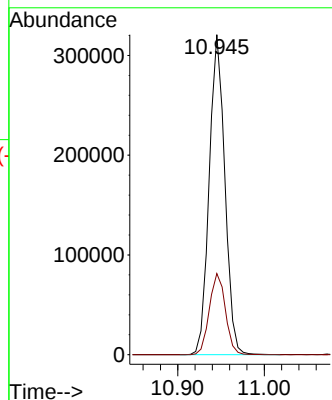
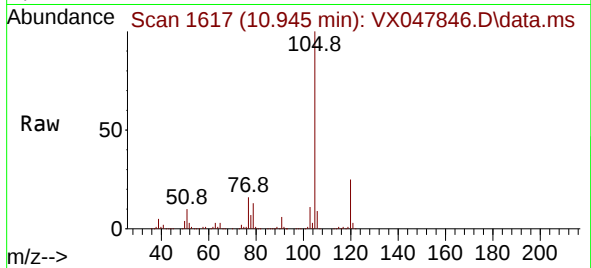




#73
Isopropylbenzene
Concen: 51.224 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

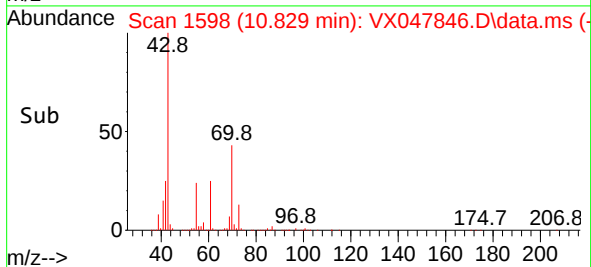
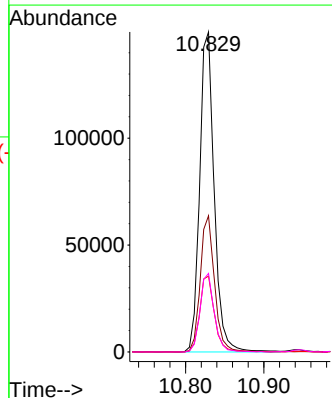
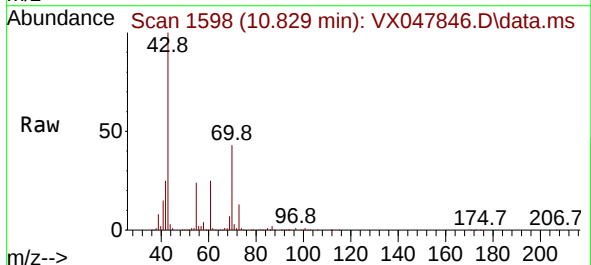
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 401797
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 54.089 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 43 Resp: 193473
Ion Ratio Lower Upper
43 100
70 41.8 32.0 48.0
55 24.1 18.9 28.3
61 23.9 18.8 28.2

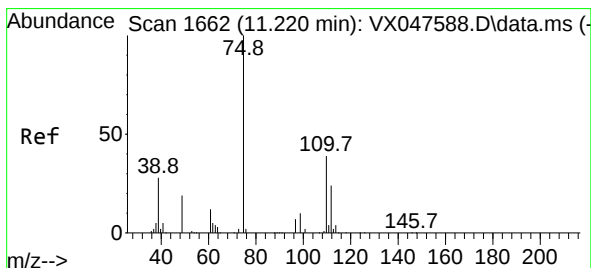
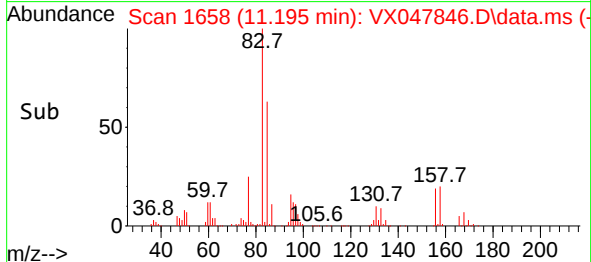
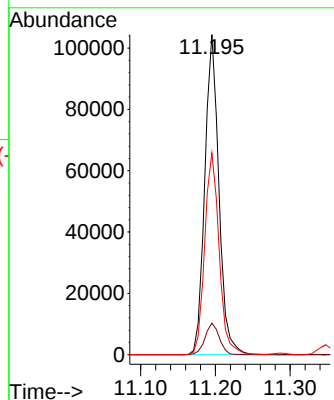
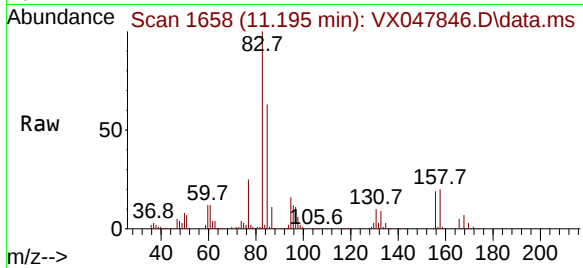




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.589 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

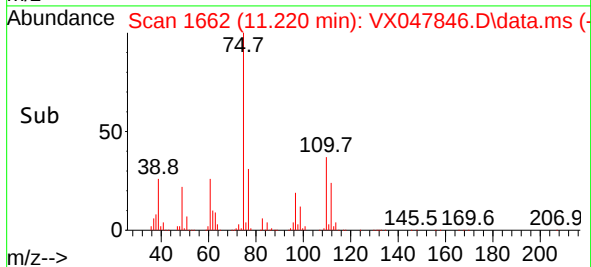
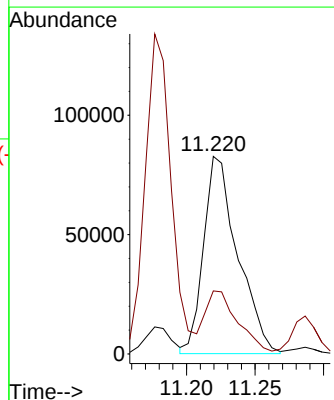
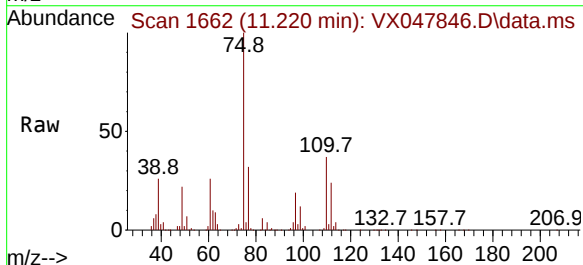
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

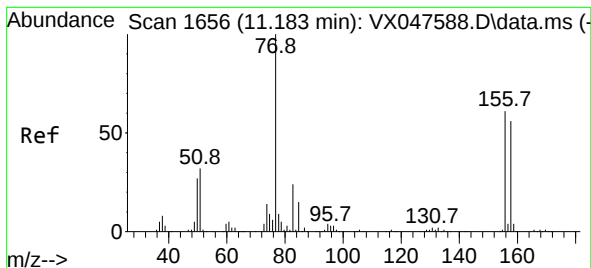
Tgt Ion: 83 Resp: 136670
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.4 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 68.645 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 143397
 Ion Ratio Lower Upper
 75 100
 77 30.5 18.8 56.4





#77

Bromobenzene

Concen: 52.856 ug/l

RT: 11.183 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

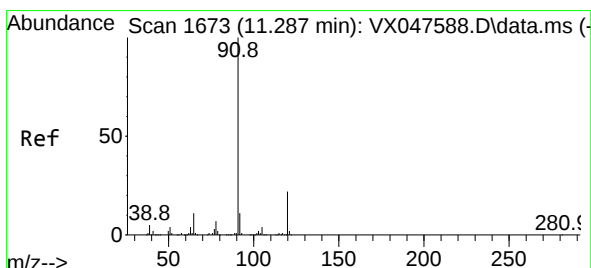
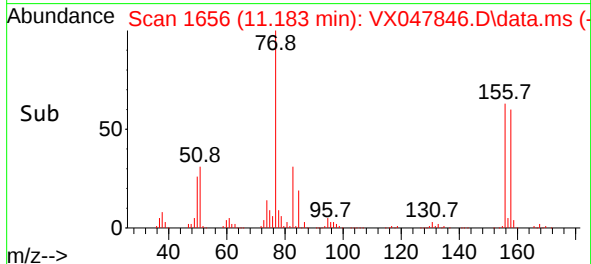
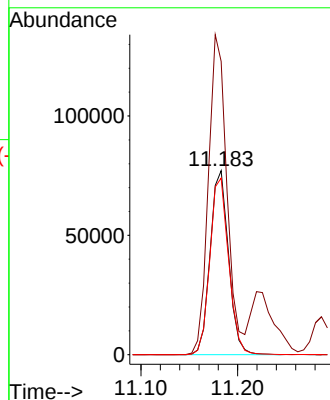
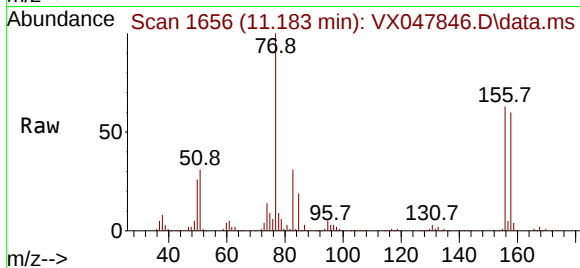
Tgt Ion:156 Resp: 102114

Ion Ratio Lower Upper

156 100

77 174.9 89.7 269.1

158 97.7 47.9 143.6



#78

n-propylbenzene

Concen: 51.437 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX047846.D

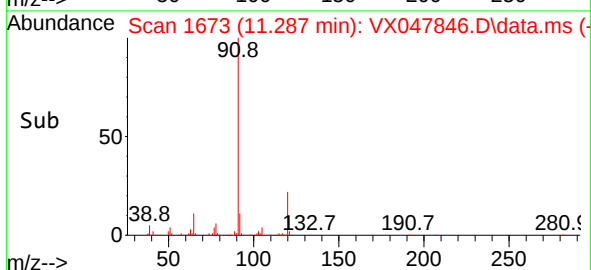
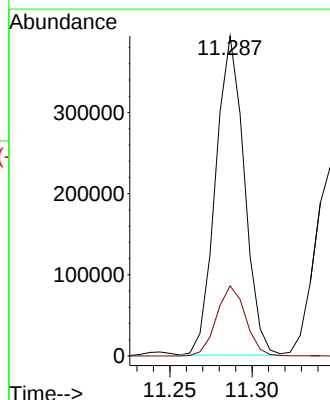
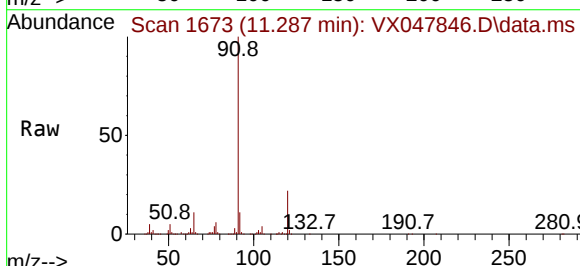
Acq: 26 Sep 2025 09:28

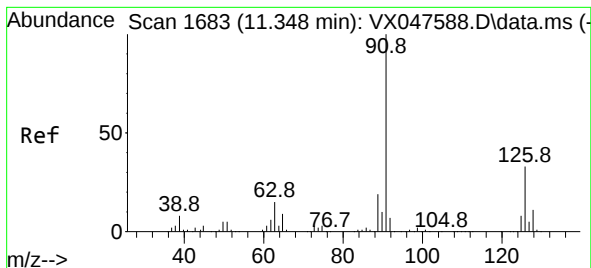
Tgt Ion: 91 Resp: 476952

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.1

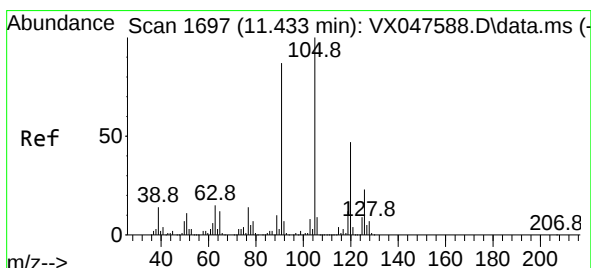
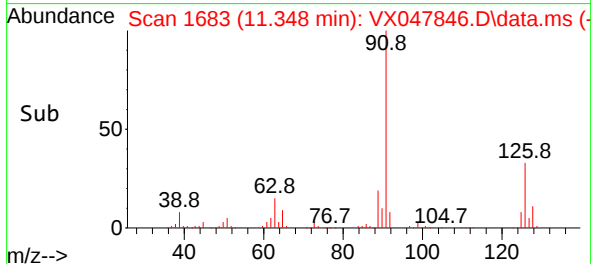
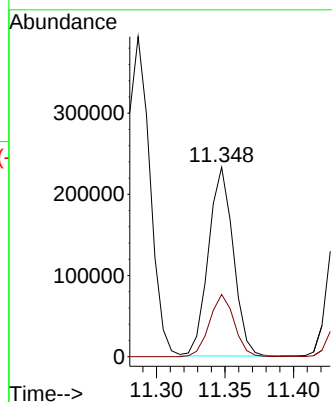
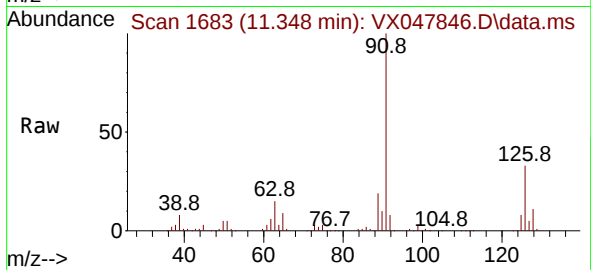




#79
2-Chlorotoluene
Concen: 51.630 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

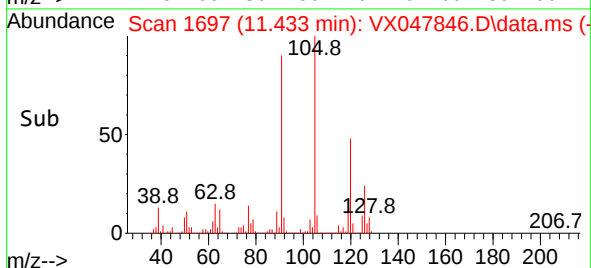
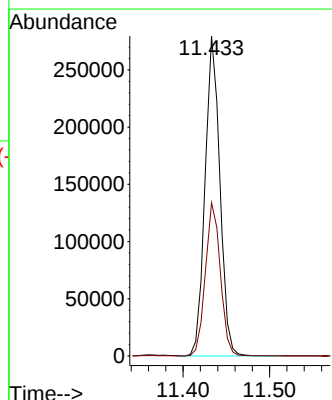
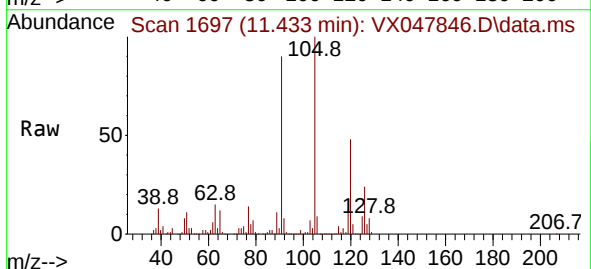
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

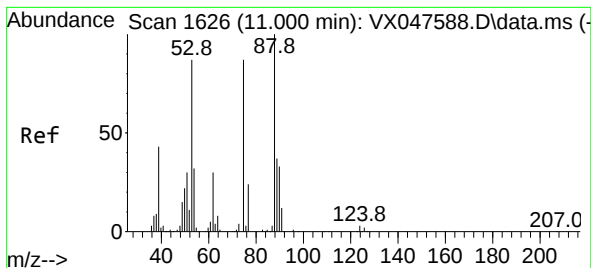
Tgt Ion: 91 Resp: 293217
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 51.573 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 105 Resp: 332360
Ion Ratio Lower Upper
105 100
120 48.3 23.6 70.8

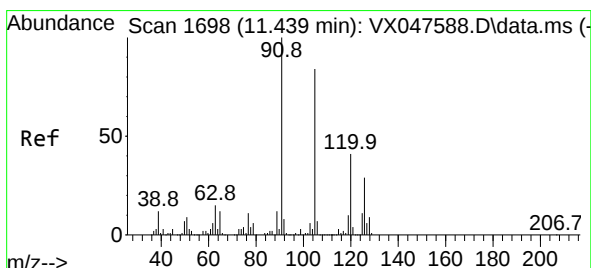
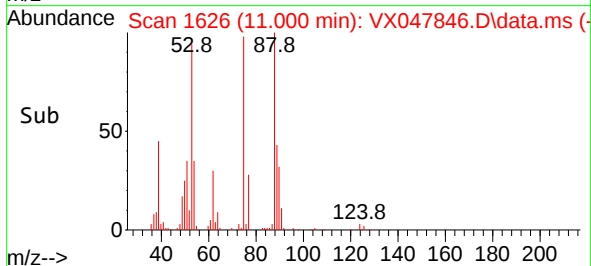
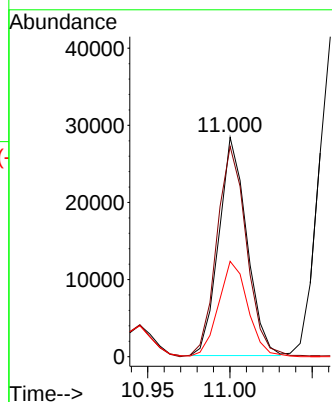
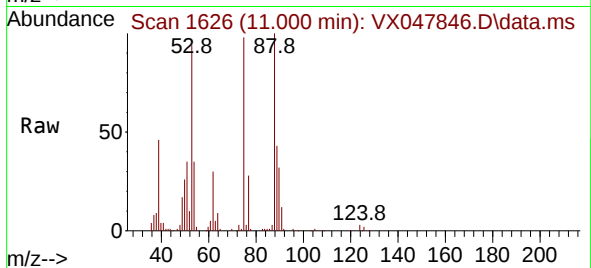




#81
trans-1,4-Dichloro-2-butene
Concen: 40.974 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

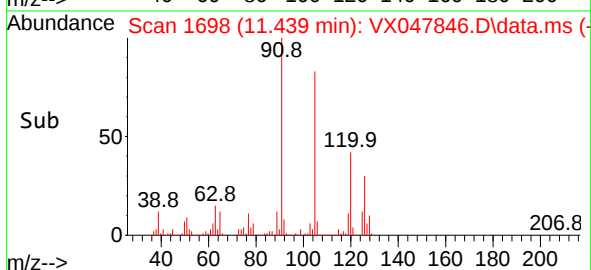
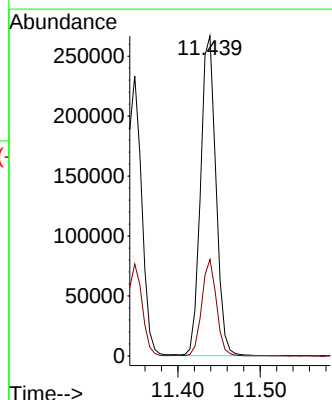
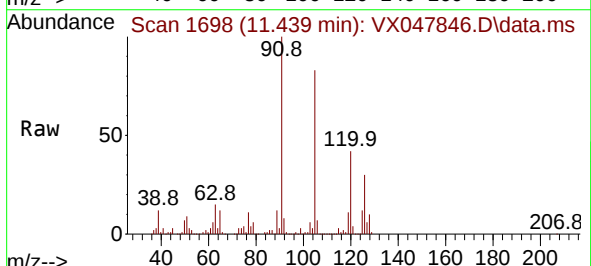
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

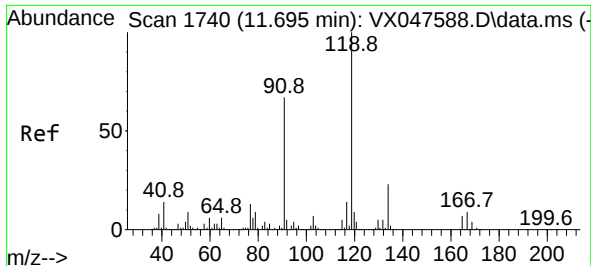
Tgt Ion: 75 Resp: 33564
Ion Ratio Lower Upper
75 100
53 102.5 83.4 125.2
89 45.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.591 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 91 Resp: 346044
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6

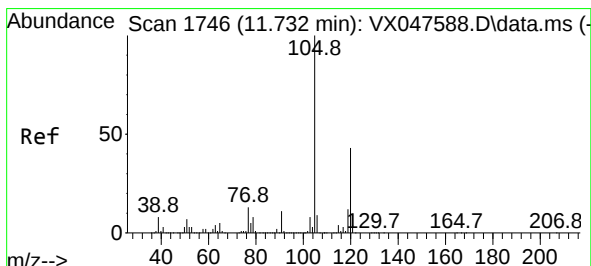
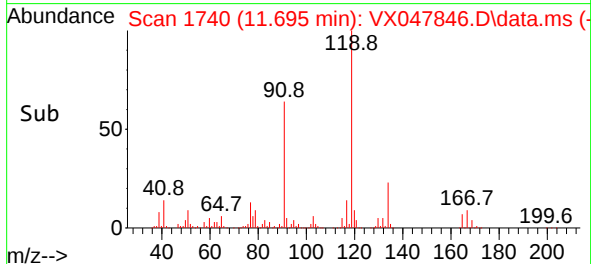
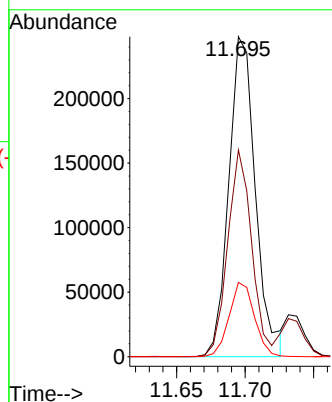
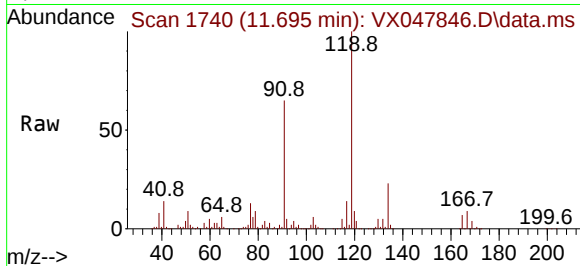




#83
tert-Butylbenzene
Concen: 50.729 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

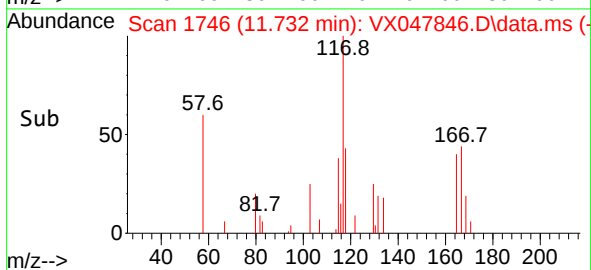
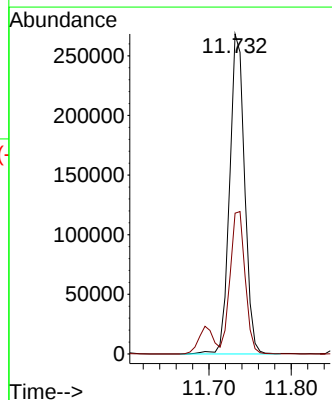
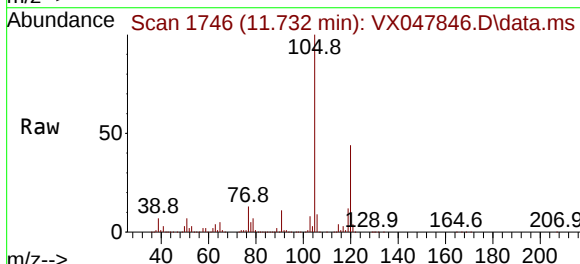
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

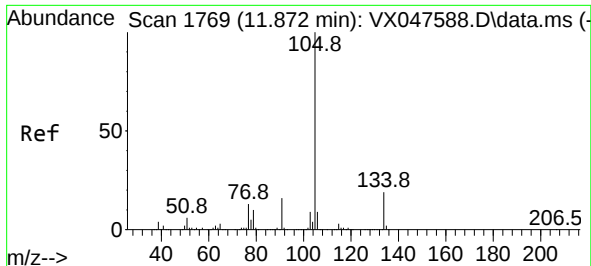
Tgt Ion:119 Resp: 334665
Ion Ratio Lower Upper
119 100
91 58.3 29.6 88.8
134 22.2 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 51.846 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:105 Resp: 338744
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.1

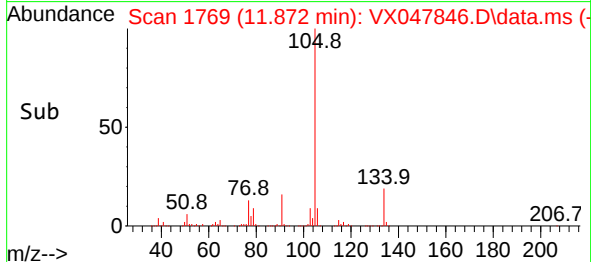
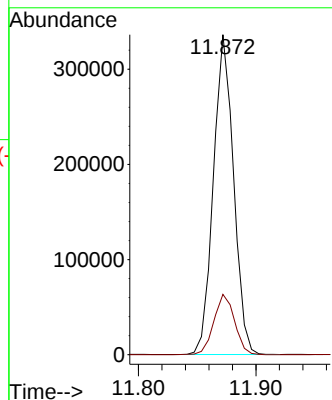
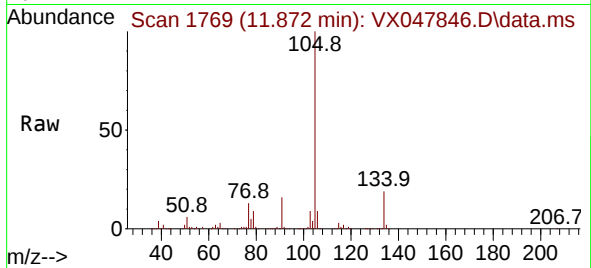




#85
 sec-Butylbenzene
 Concen: 51.130 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

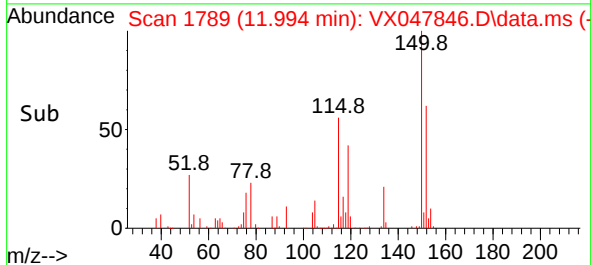
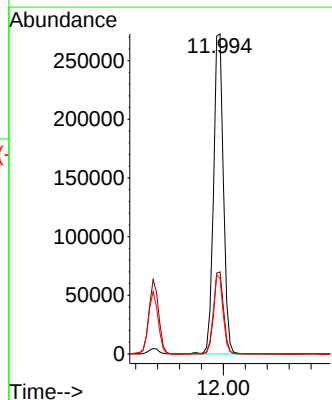
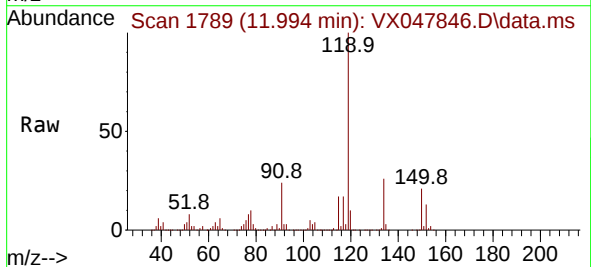
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 400657
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.930 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047846.D
 Acq: 26 Sep 2025 09:28

Tgt Ion:119 Resp: 337869
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.4 12.6 37.6

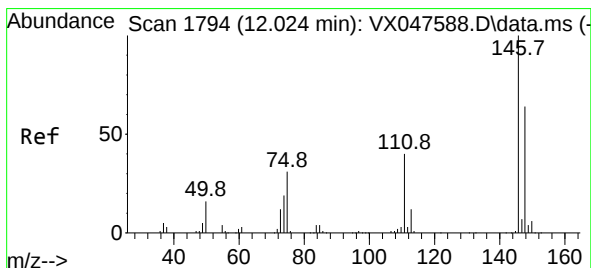
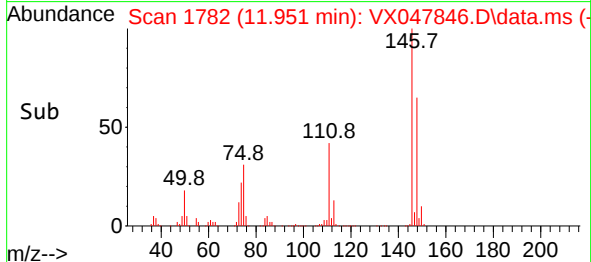
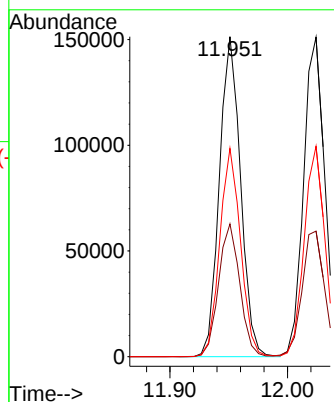
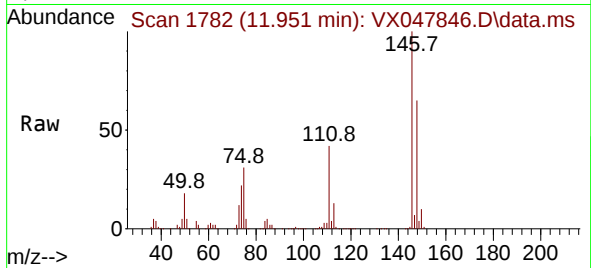




#87
1,3-Dichlorobenzene
Concen: 52.835 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

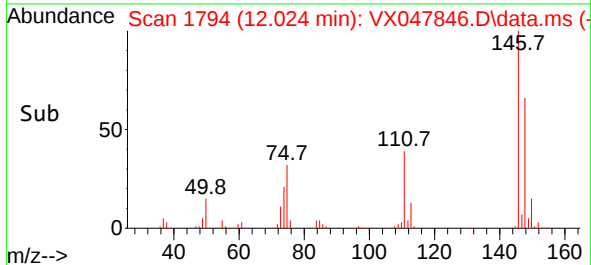
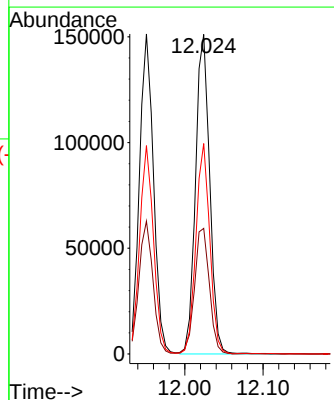
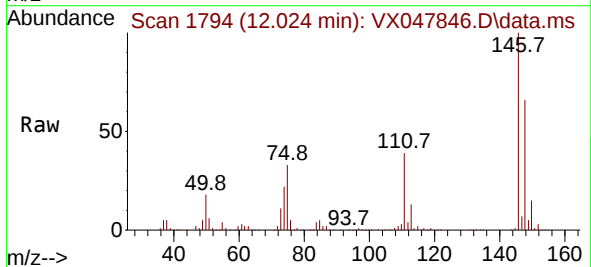
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 189590
Ion Ratio Lower Upper
146 100
111 41.7 21.5 64.5
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 51.714 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:146 Resp: 190455
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.4
148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 49.913 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

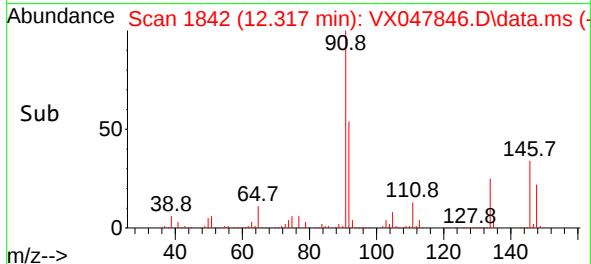
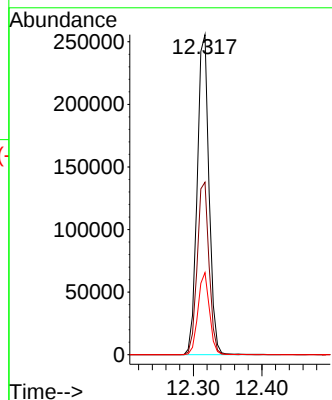
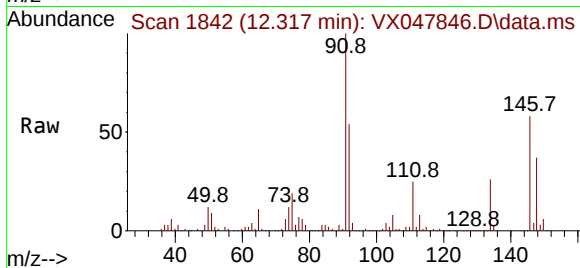
Tgt Ion: 91 Resp: 306387

Ion Ratio Lower Upper

91 100

92 54.0 27.6 82.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 52.570 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047846.D

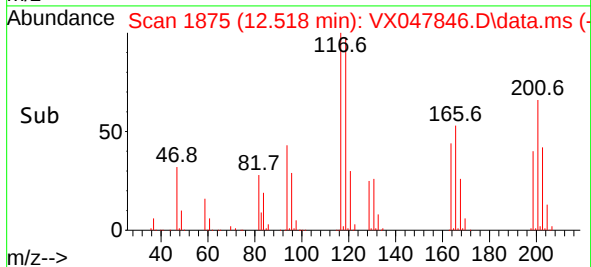
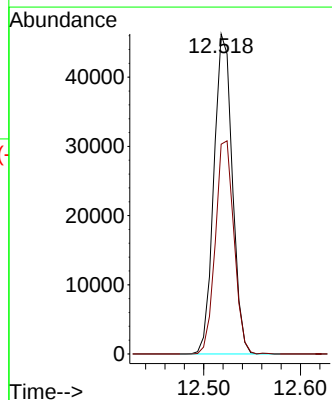
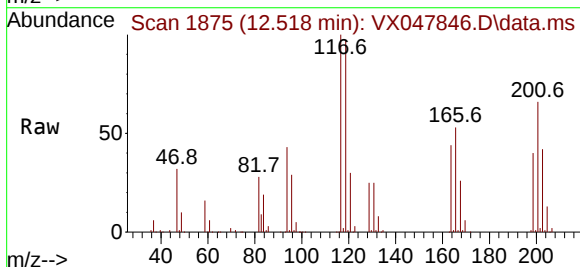
Acq: 26 Sep 2025 09:28

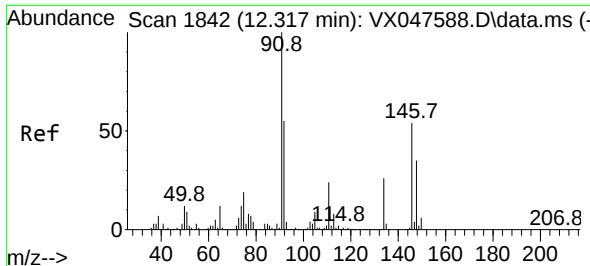
Tgt Ion: 117 Resp: 61230

Ion Ratio Lower Upper

117 100

201 67.2 34.2 102.5

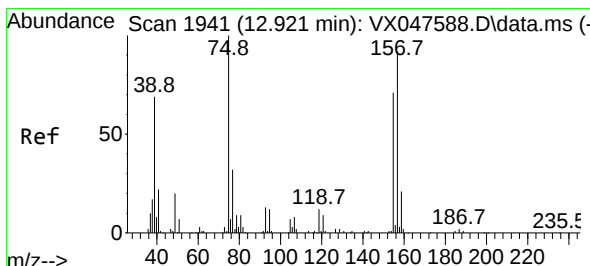
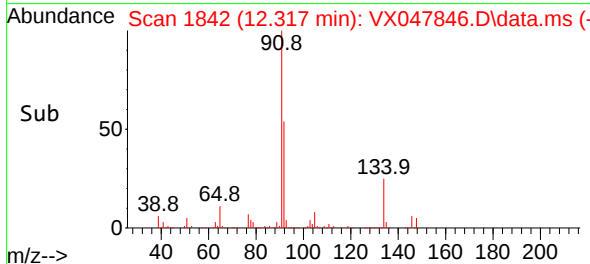
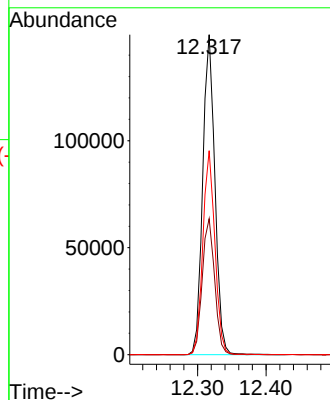
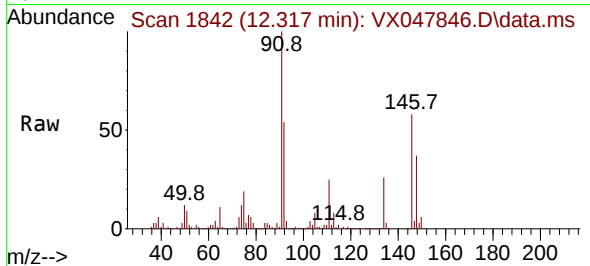




#91
1,2-Dichlorobenzene
Concen: 54.154 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

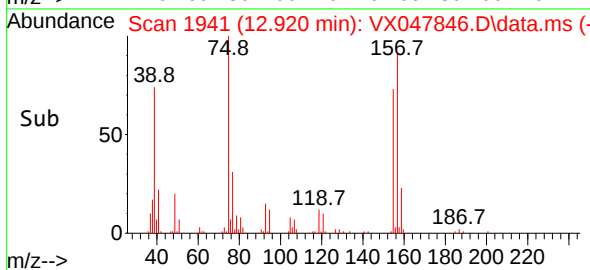
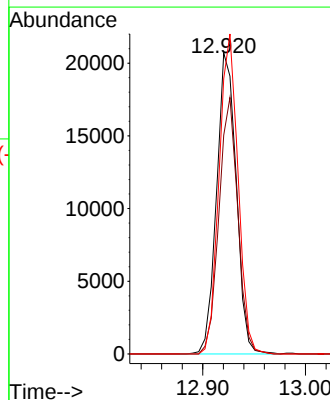
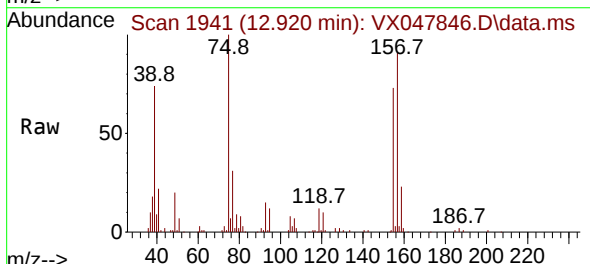
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

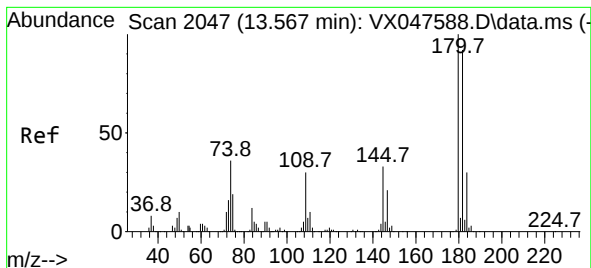
Tgt Ion:146 Resp: 185133
Ion Ratio Lower Upper
146 100
111 43.6 22.2 66.6
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.166 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion: 75 Resp: 27467
Ion Ratio Lower Upper
75 100
155 81.7 37.7 113.1
157 102.6 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 52.530 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

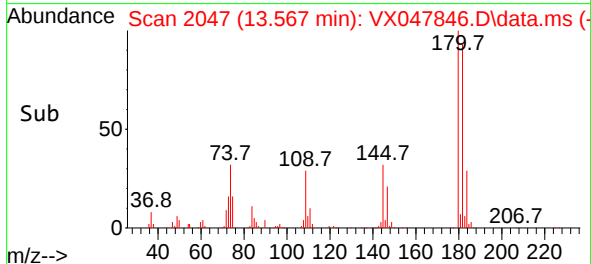
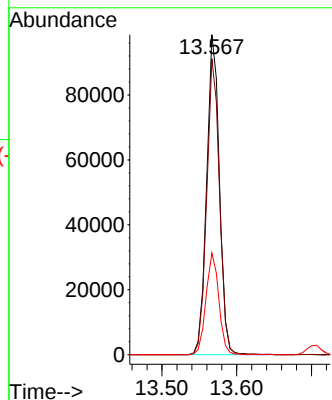
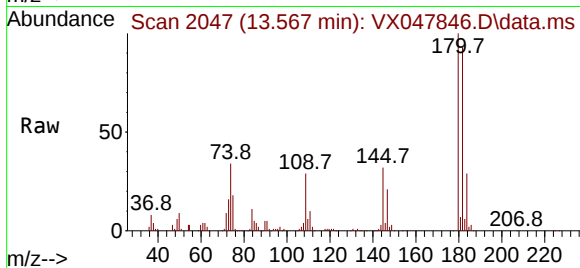
Tgt Ion:180 Resp: 116711

Ion Ratio Lower Upper

180 100

182 92.8 46.6 139.8

145 31.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.740 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047846.D

Acq: 26 Sep 2025 09:28

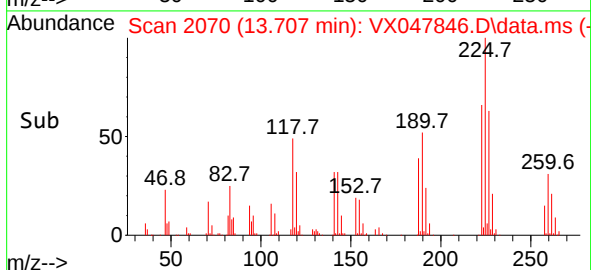
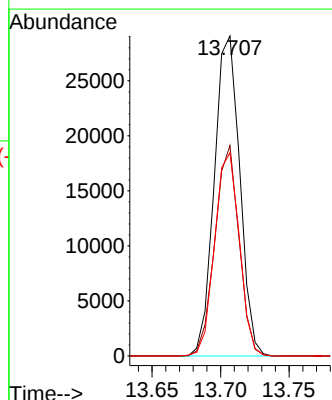
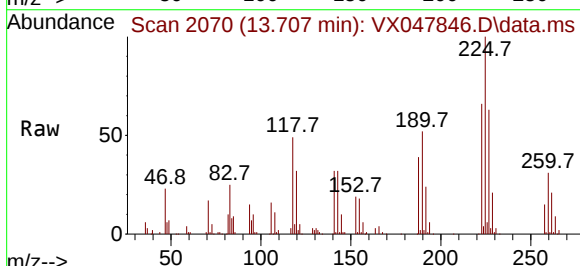
Tgt Ion:225 Resp: 37538

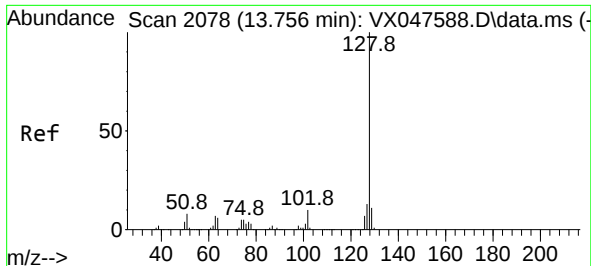
Ion Ratio Lower Upper

225 100

223 62.3 31.7 95.1

227 61.6 32.0 96.0

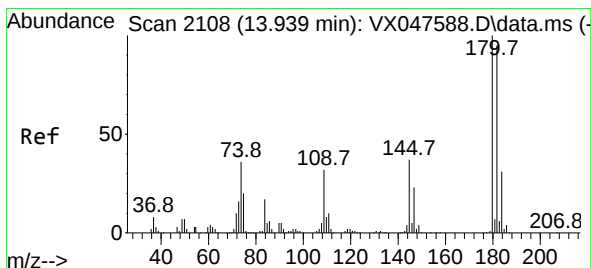
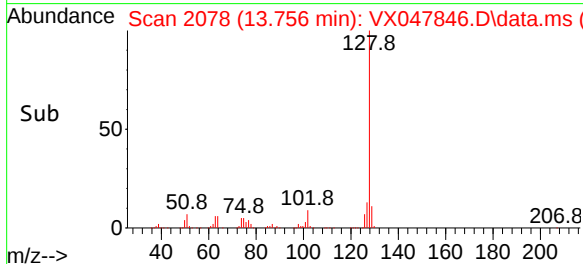
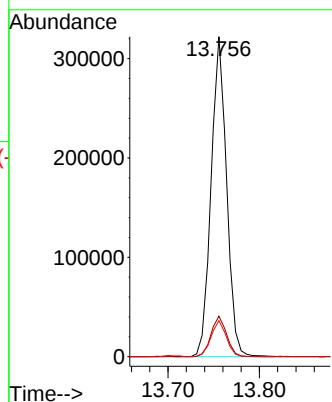
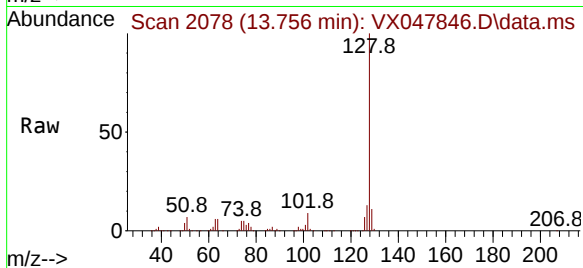




#95
Naphthalene
Concen: 55.899 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 378188
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 55.042 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047846.D
Acq: 26 Sep 2025 09:28

Tgt Ion:180 Resp: 113759
Ion Ratio Lower Upper
180 100
182 92.8 47.6 142.8
145 34.0 17.9 53.7

