

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047629.D
 Acq On : 17 Sep 2025 19:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 03:15:02 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	5.538	168	158528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	292304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	262366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129399	51.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.560%
35) Dibromofluoromethane	5.373	113	97816	49.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	8.635	98	343907	50.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.400%
62) 4-Bromofluorobenzene	11.061	95	129935	50.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	70752	43.100	ug/l	98
3) Chloromethane	1.301	50	96907	44.917	ug/l	98
4) Vinyl Chloride	1.380	62	100136	47.414	ug/l	98
5) Bromomethane	1.618	94	67361	50.299	ug/l	100
6) Chloroethane	1.697	64	68085	48.234	ug/l	99
7) Trichlorofluoromethane	1.898	101	148866	47.473	ug/l	100
8) Diethyl Ether	2.136	74	66594	51.915	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	87720	47.840	ug/l	99
10) Methyl Iodide	2.459	142	140492	49.129	ug/l	99
11) Tert butyl alcohol	2.947	59	80583	286.736	ug/l	99
12) 1,1-Dichloroethene	2.325	96	91157	48.398	ug/l	96
13) Acrolein	2.239	56	90289	348.634	ug/l	99
14) Allyl chloride	2.666	41	191131	49.177	ug/l	97
15) Acrylonitrile	3.062	53	308964	296.803	ug/l	99
16) Acetone	2.373	43	244801	223.121	ug/l	99
17) Carbon Disulfide	2.520	76	232360	45.064	ug/l	98
18) Methyl Acetate	2.703	43	160691	65.810	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	371809	54.077	ug/l	100
20) Methylene Chloride	2.788	84	116836	50.308	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	102000	50.301	ug/l	96
22) Diisopropyl ether	3.757	45	400864	53.219	ug/l	96
23) Vinyl Acetate	3.715	43	1659429	275.264	ug/l	100
24) 1,1-Dichloroethane	3.611	63	208155	51.993	ug/l	99
25) 2-Butanone	4.544	43	383147	279.960	ug/l	98
26) 2,2-Dichloropropane	4.471	77	145013	43.574	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	129212	52.031	ug/l	99
28) Bromochloromethane	4.885	49	94251	53.925	ug/l	100
29) Tetrahydrofuran	4.995	42	246600	299.524	ug/l	100
30) Chloroform	5.086	83	214530	53.027	ug/l	99
31) Cyclohexane	5.464	56	157963	47.373	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	178123	51.907	ug/l	99
36) 1,1-Dichloropropene	5.684	75	133515	46.610	ug/l	98
37) Ethyl Acetate	4.702	43	165882	54.084	ug/l	99
38) Carbon Tetrachloride	5.666	117	148177	47.609	ug/l	97
39) Methylcyclohexane	7.367	83	148100	45.546	ug/l	99
40) Benzene	6.025	78	436357	50.154	ug/l	99

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 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	88508	55.897	ug/l	98
42) 1,2-Dichloroethane	6.074	62	165630	50.034	ug/l	99
43) Isopropyl Acetate	6.324	43	274971	54.664	ug/l	99
44) Trichloroethene	7.110	130	105741	50.271	ug/l	96
45) 1,2-Dichloropropane	7.415	63	115545	51.865	ug/l	98
46) Dibromomethane	7.568	93	82775	51.058	ug/l	96
47) Bromodichloromethane	7.805	83	173783	51.947	ug/l	99
48) Methyl methacrylate	7.677	41	139209	55.559	ug/l	99
49) 1,4-Dioxane	7.647	88	34644	1368.143	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	819310	293.767	ug/l	100
52) Toluene	8.702	92	271480	50.647	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	174553	51.153	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	186493	51.132	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	110254	53.343	ug/l	98
56) Ethyl methacrylate	9.104	69	183656	56.580	ug/l	98
57) 1,3-Dichloropropane	9.293	76	189897	53.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	403925	259.768	ug/l	99
59) 2-Hexanone	9.415	43	573589	286.357	ug/l	99
60) Dibromochloromethane	9.506	129	127163	53.396	ug/l	98
61) 1,2-Dibromoethane	9.592	107	115052	54.651	ug/l	99
64) Tetrachloroethene	9.256	164	83148	48.615	ug/l	97
65) Chlorobenzene	10.061	112	301252	50.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	105903	51.489	ug/l	99
67) Ethyl Benzene	10.177	91	515487	50.124	ug/l	99
68) m/p-Xylenes	10.287	106	388133	101.396	ug/l	99
69) o-Xylene	10.628	106	189496	51.181	ug/l	100
70) Styrene	10.640	104	333465	51.401	ug/l	99
71) Bromoform	10.781	173	81195	52.869	ug/l	99
73) Isopropylbenzene	10.945	105	483439	51.323	ug/l	100
74) N-amyl acetate	10.829	43	241658	56.259	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	158402	55.582	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	179250	71.455	ug/l	88
77) Bromobenzene	11.183	156	119923	51.691	ug/l	99
78) n-propylbenzene	11.287	91	563896	50.641	ug/l	99
79) 2-Chlorotoluene	11.347	91	348974	51.169	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	399966	51.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	51012	51.857	ug/l	99
82) 4-Chlorotoluene	11.439	91	412649	51.230	ug/l	100
83) tert-Butylbenzene	11.695	119	401787	50.716	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	407143	51.891	ug/l	99
85) sec-Butylbenzene	11.872	105	483624	51.394	ug/l	100
86) p-Isopropyltoluene	11.988	119	399889	50.196	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	220186	51.097	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	223463	50.527	ug/l	100
89) n-Butylbenzene	12.317	91	371883	50.449	ug/l	99
90) Hexachloroethane	12.524	117	71248	50.939	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	216591	52.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33107	57.378	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	137625	51.581	ug/l	99
94) Hexachlorobutadiene	13.707	225	45399	50.094	ug/l	98
95) Naphthalene	13.756	128	456177	56.148	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	133075	53.618	ug/l	99

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ClientSampleId :
VSTDCCC050EC

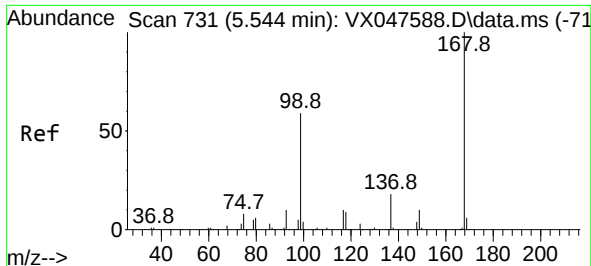
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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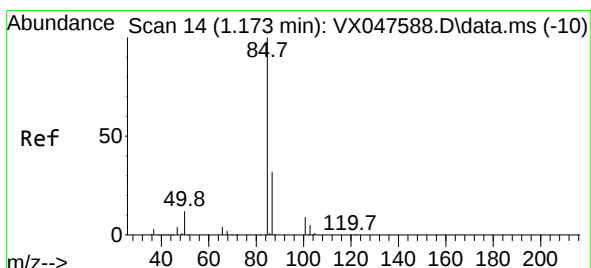
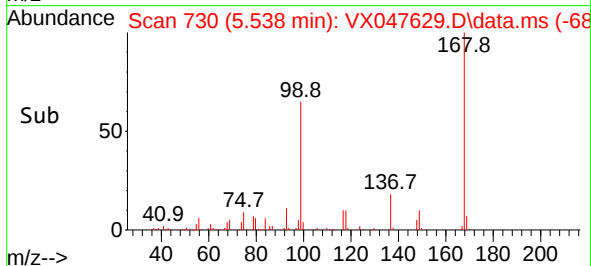
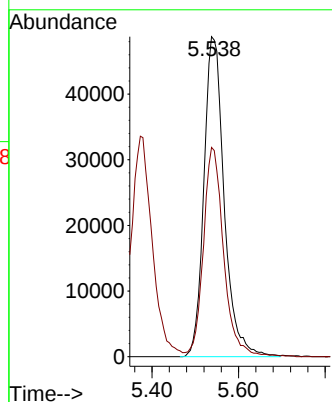
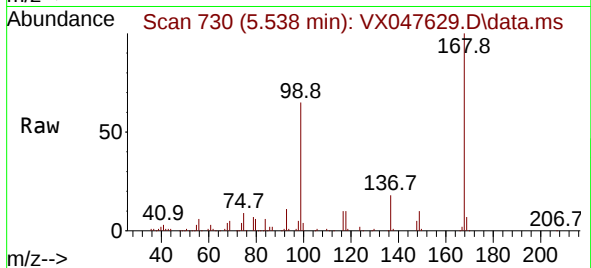




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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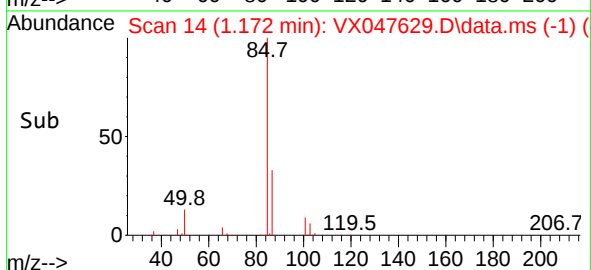
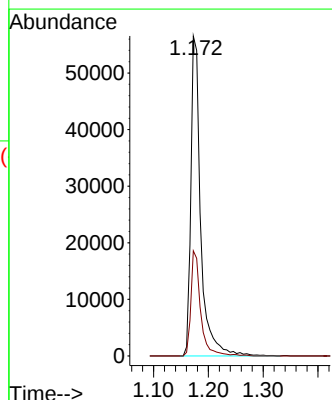
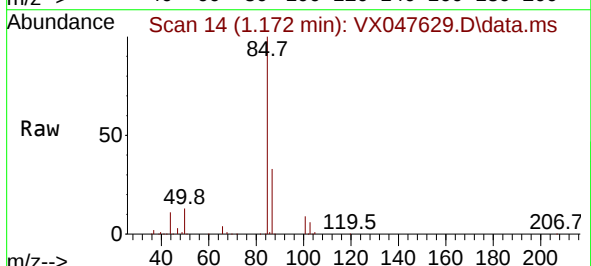
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

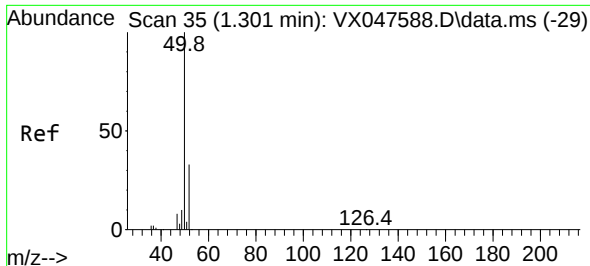
Tgt Ion:168 Resp: 158528
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 43.100 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 85 Resp: 70752
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.3

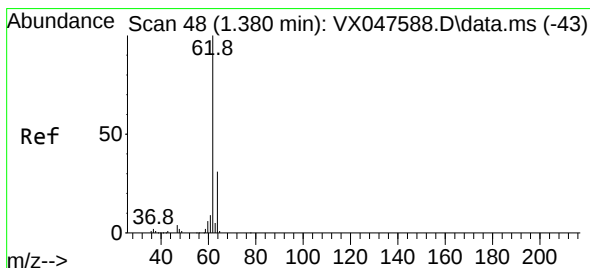
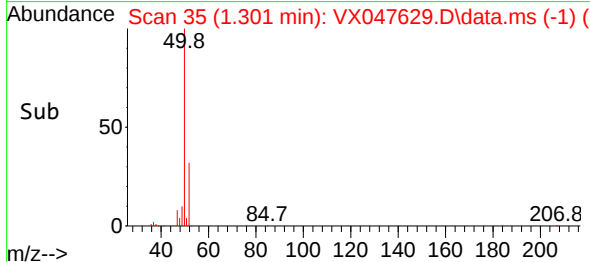
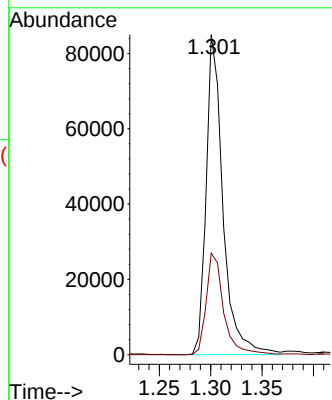
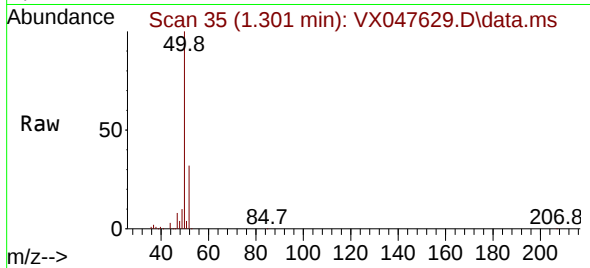




#3
Chloromethane
Concen: 44.917 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

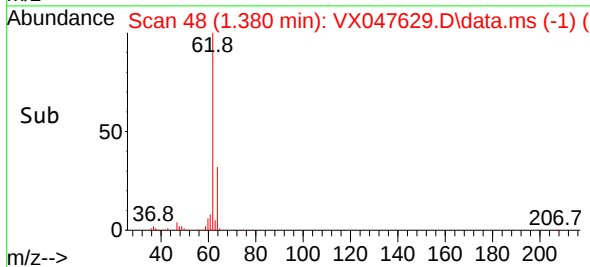
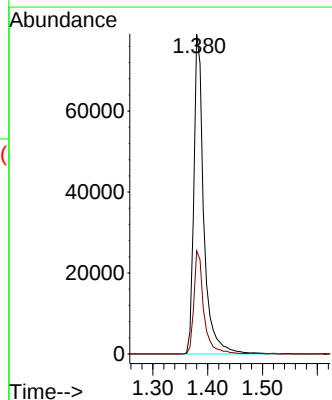
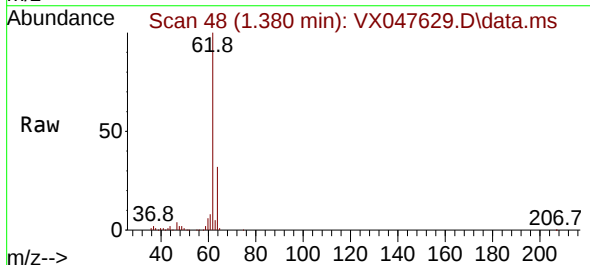
Instrument :
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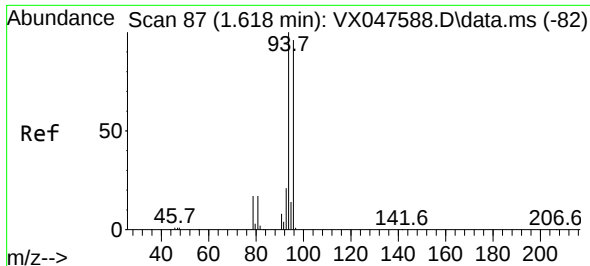
Tgt Ion: 50 Resp: 96907
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1



#4
Vinyl Chloride
Concen: 47.414 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 62 Resp: 100136
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3

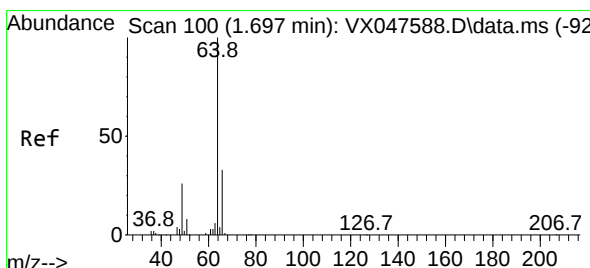
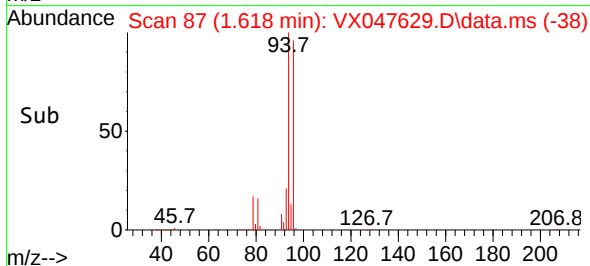
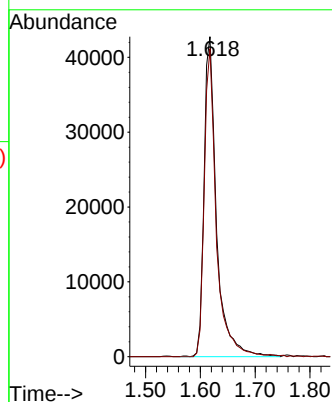
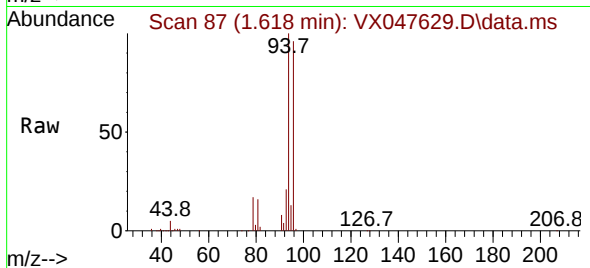




#5
Bromomethane
Concen: 50.299 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

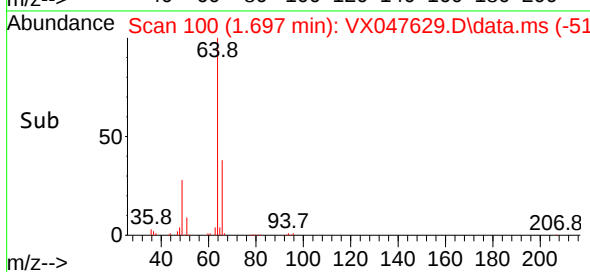
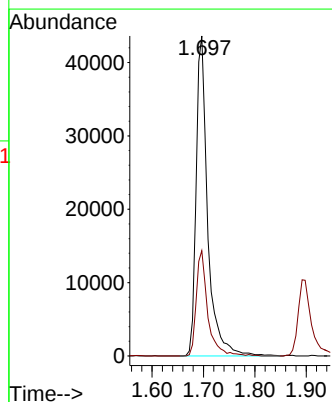
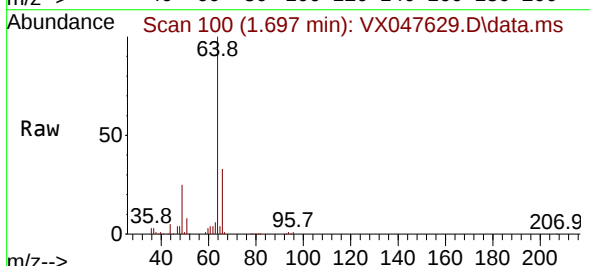
Instrument :
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Tgt Ion: 94 Resp: 67361
Ion Ratio Lower Upper
94 100
96 96.3 76.6 115.0



#6
Chloroethane
Concen: 48.234 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 64 Resp: 68085
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1

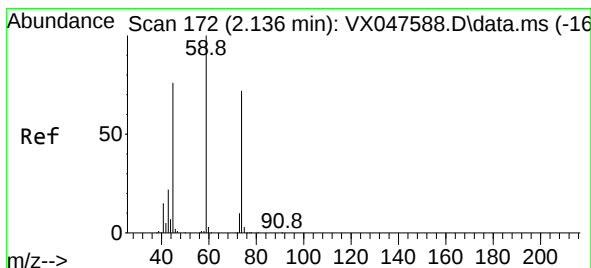
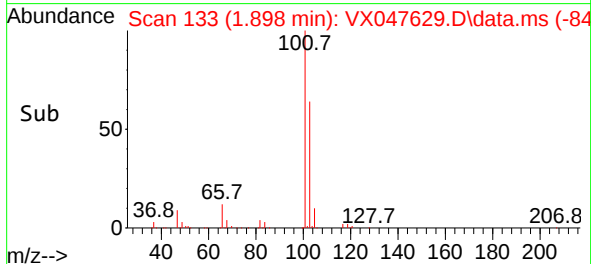
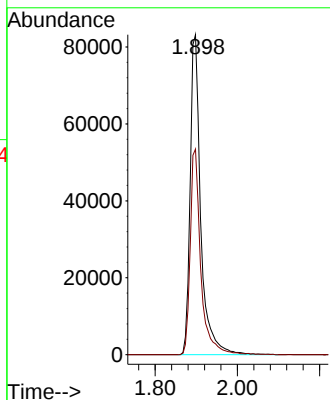
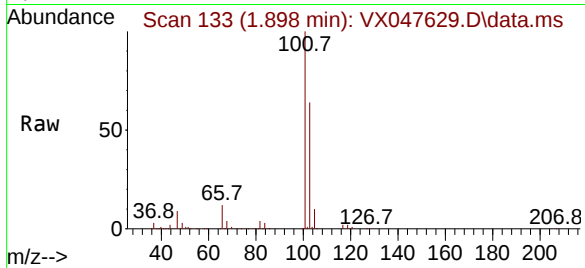




#7
 Trichlorofluoromethane
 Concen: 47.473 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

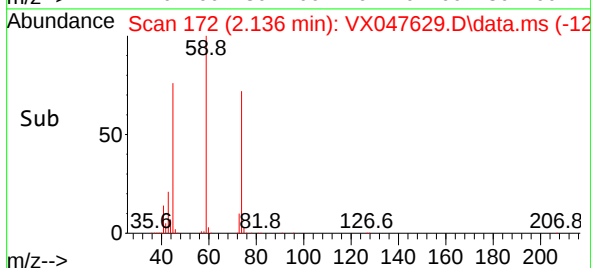
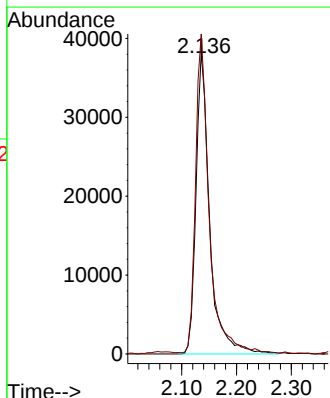
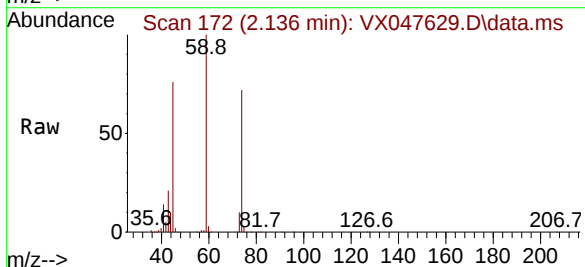
Instrument :
 MSVOA_X
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 VSTDCCC050EC

Tgt Ion:101 Resp: 148866
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.915 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

Tgt Ion: 74 Resp: 66594
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.3 156.8

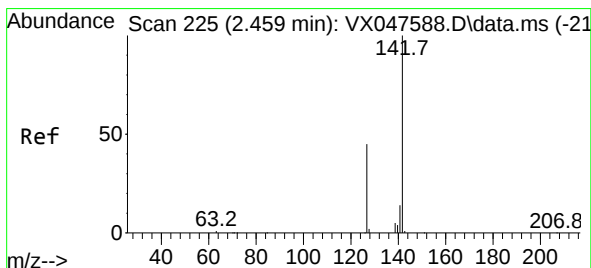
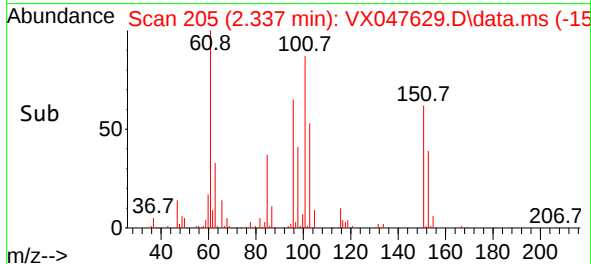
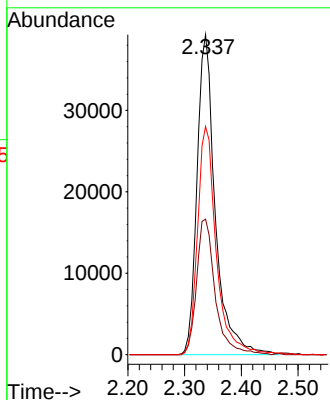
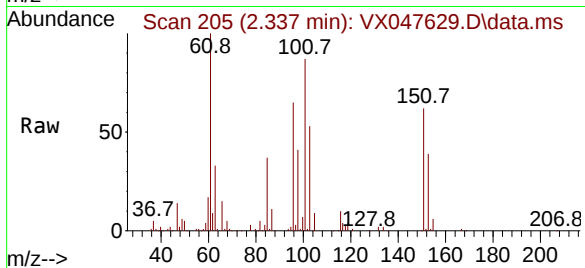




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.840 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047629.D
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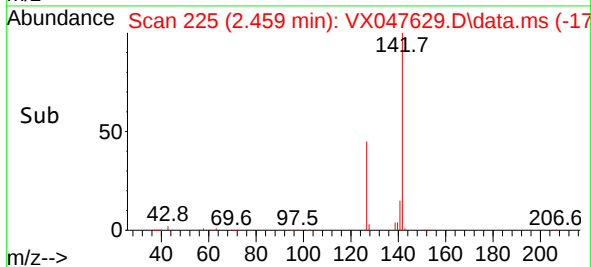
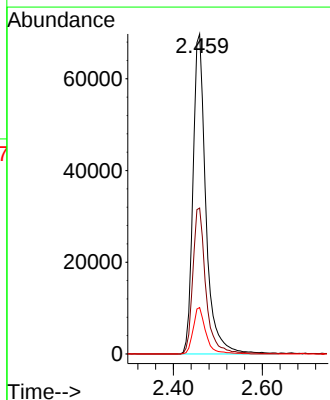
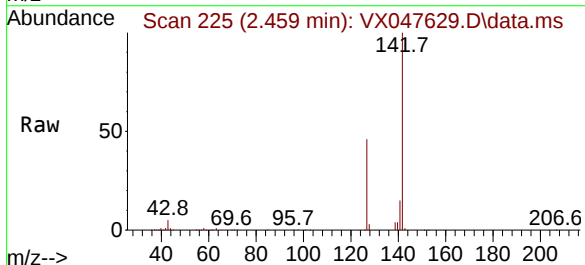
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

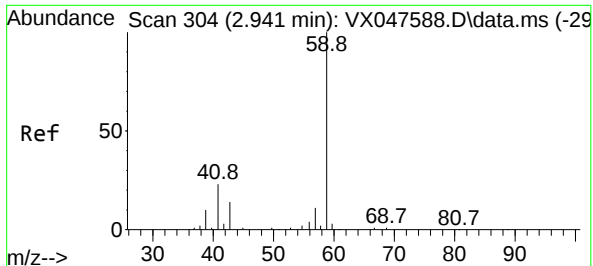
Tgt Ion:101 Resp: 87720
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 73.5 59.4 89.0



#10
Methyl Iodide
Concen: 49.129 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion:142 Resp: 140492
Ion Ratio Lower Upper
142 100
127 46.0 37.2 55.8
141 14.3 11.4 17.0





#11

Tert butyl alcohol

Concen: 286.736 ug/l

RT: 2.947 min Scan# 304

Delta R.T. 0.006 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

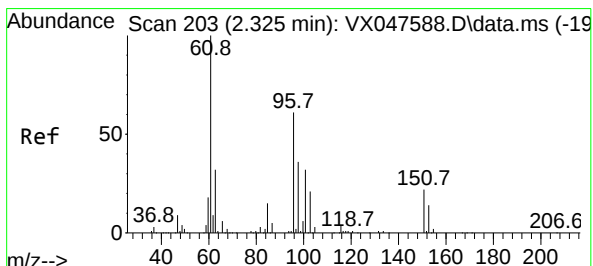
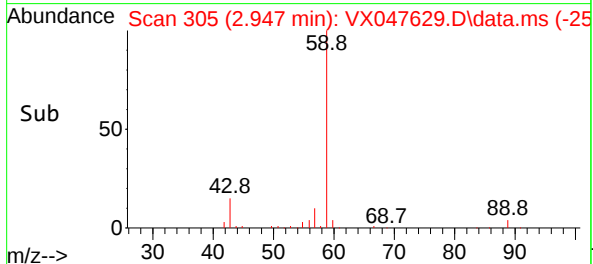
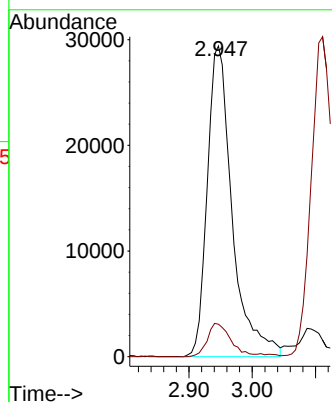
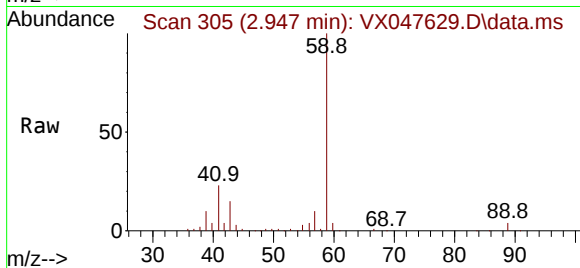
VSTDCCC050EC

Tgt Ion: 59 Resp: 80583

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.398 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

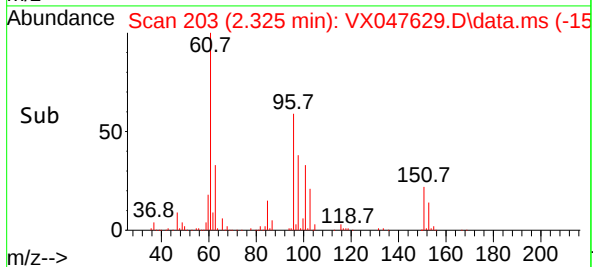
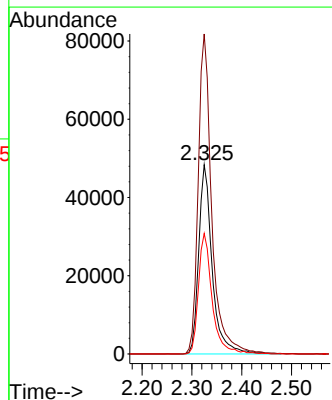
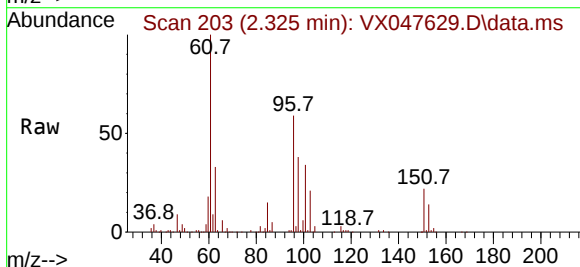
Tgt Ion: 96 Resp: 91157

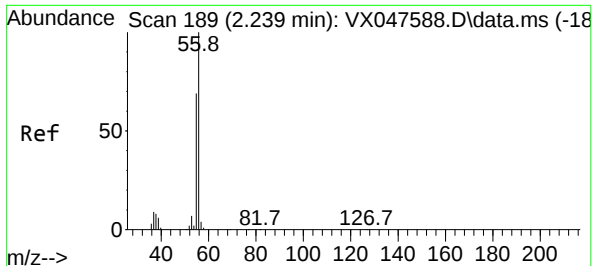
Ion Ratio Lower Upper

96 100

61 169.1 131.0 196.6

98 63.7 47.7 71.5

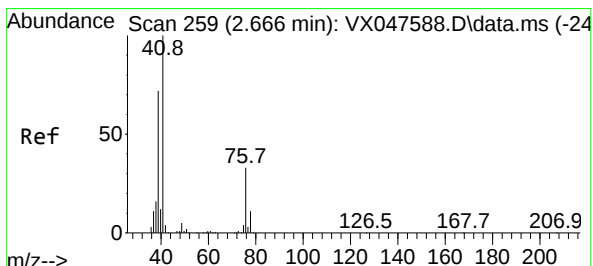
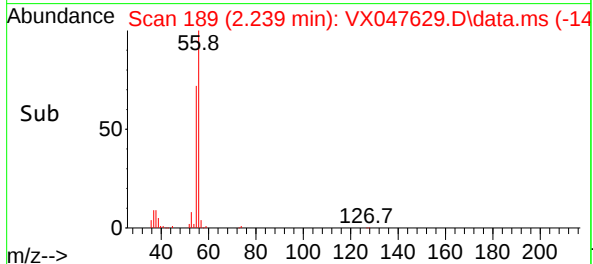
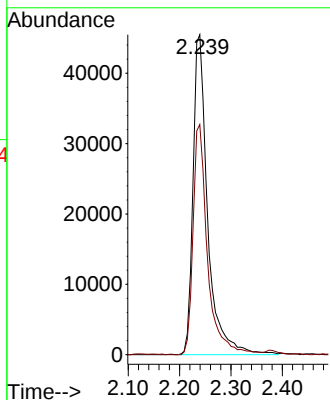
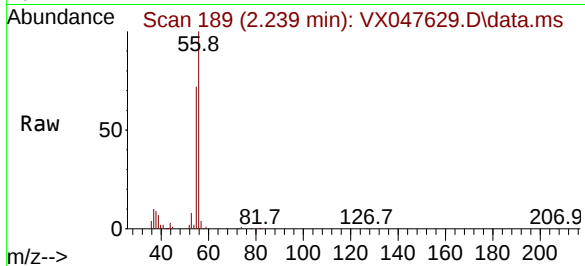




#13
Acrolein
Concen: 348.634 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

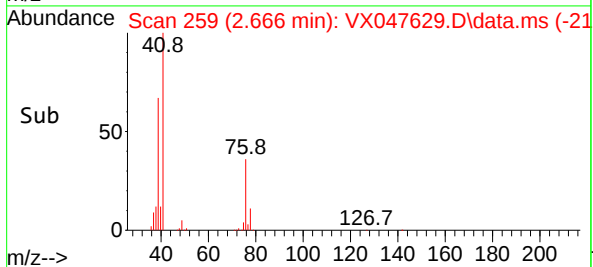
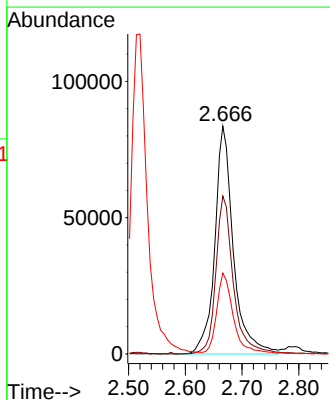
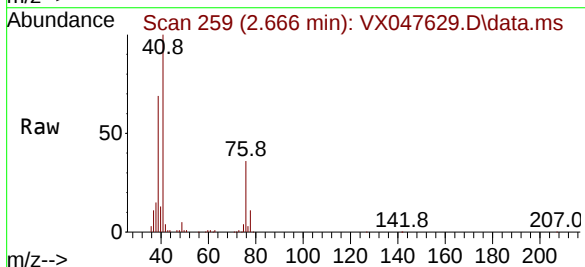
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

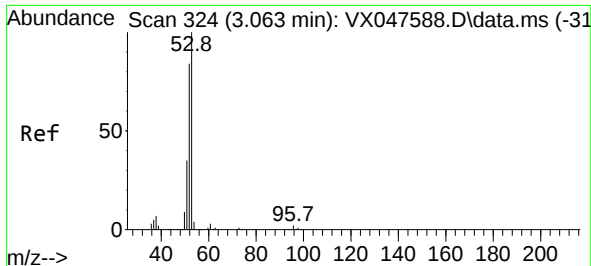
Tgt Ion: 56 Resp: 90289
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8



#14
Allyl chloride
Concen: 49.177 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 41 Resp: 191131
Ion Ratio Lower Upper
41 100
39 65.4 54.7 82.1
76 31.3 25.7 38.5

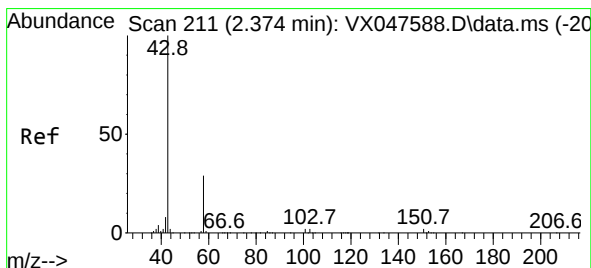
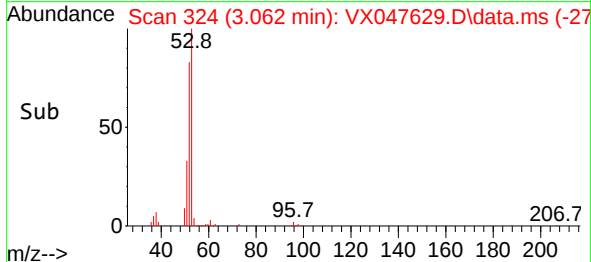
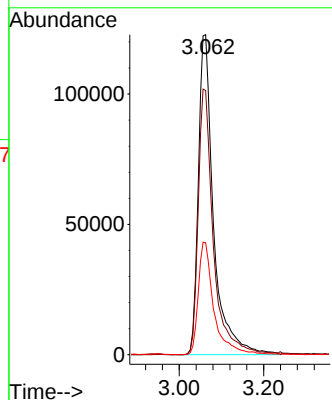
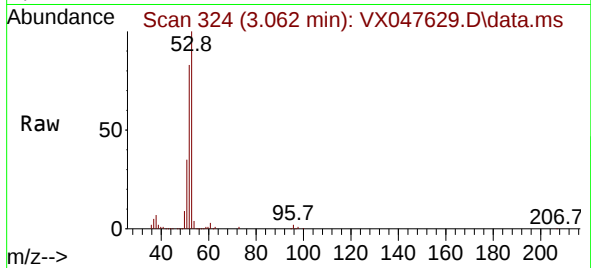




#15
Acrylonitrile
Concen: 296.803 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

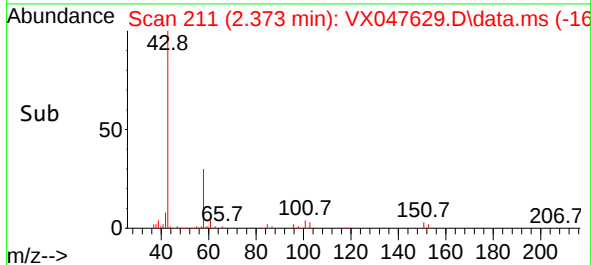
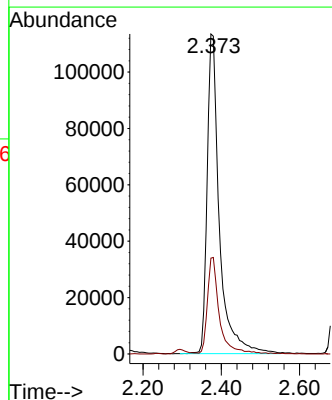
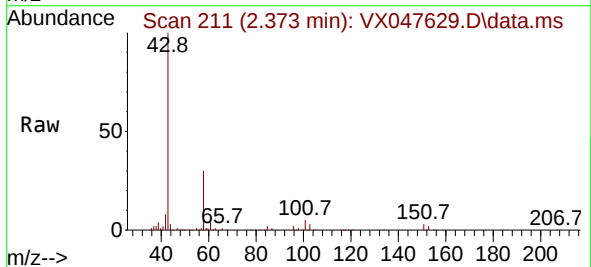
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

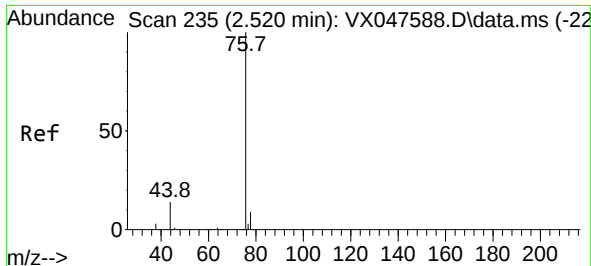
Tgt Ion: 53 Resp: 308964
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.5 29.5 44.3



#16
Acetone
Concen: 223.121 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 43 Resp: 244801
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.0

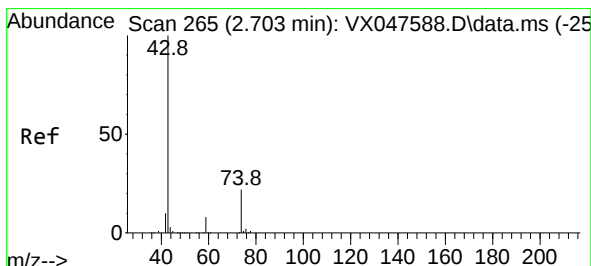
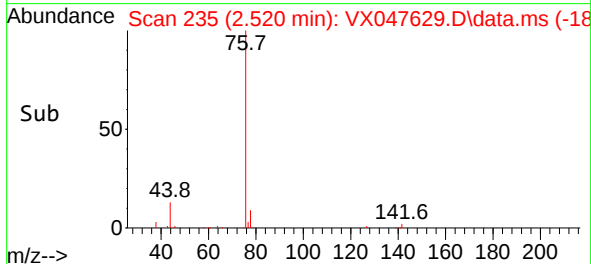
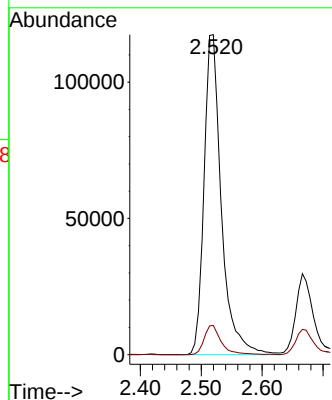
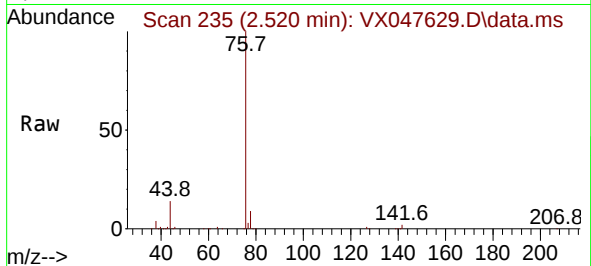




#17
Carbon Disulfide
Concen: 45.064 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

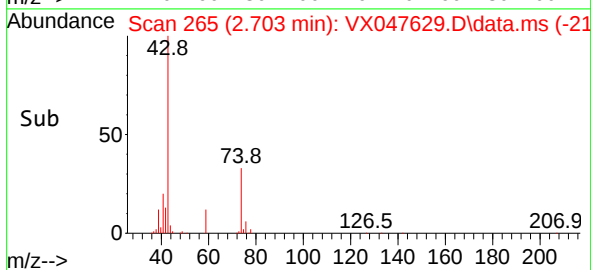
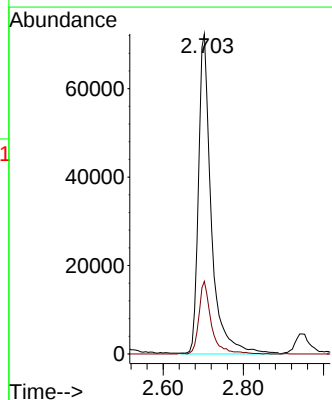
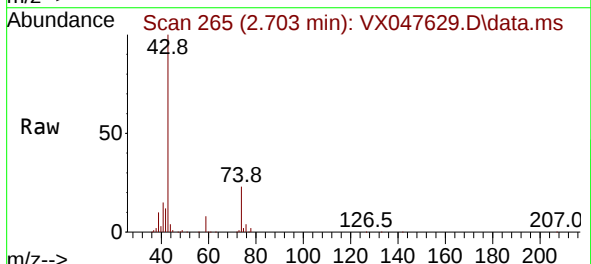
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 232360
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 65.810 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 43 Resp: 160691
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2

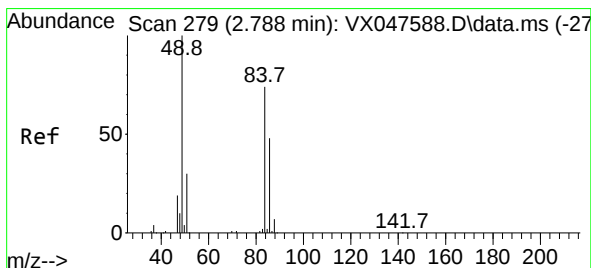
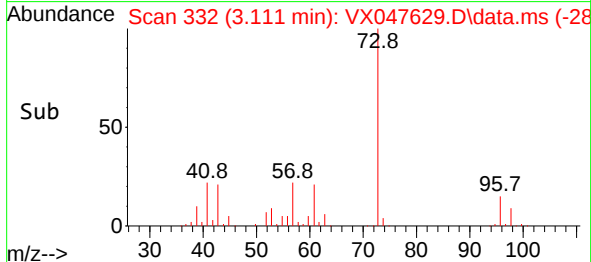
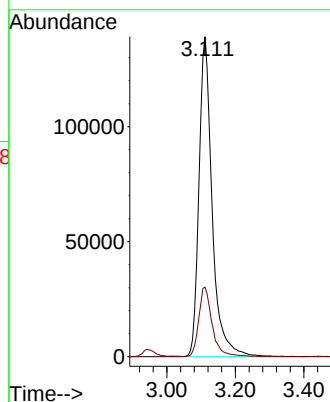
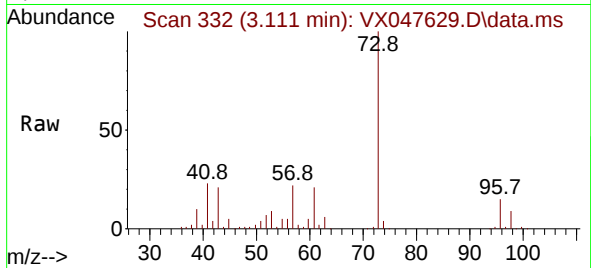




#19
Methyl tert-butyl Ether
Concen: 54.077 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

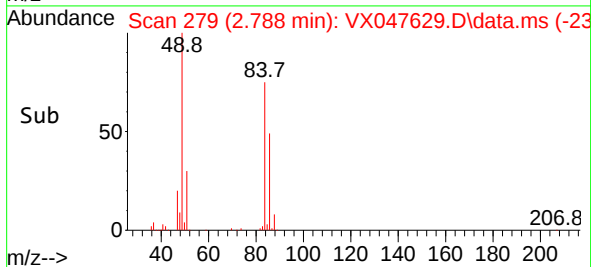
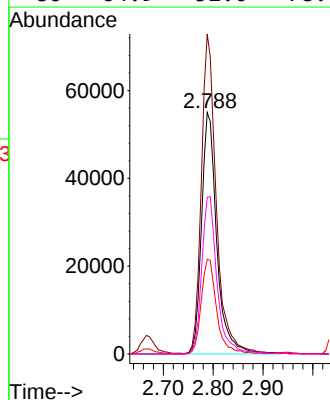
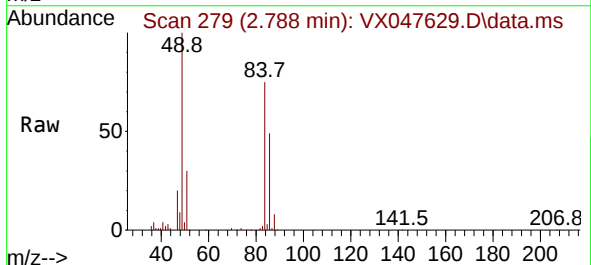
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 371809
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2



#20
Methylene Chloride
Concen: 50.308 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 84 Resp: 116836
Ion Ratio Lower Upper
84 100
49 132.2 108.6 162.8
51 39.2 32.6 48.8
86 64.9 52.0 78.0

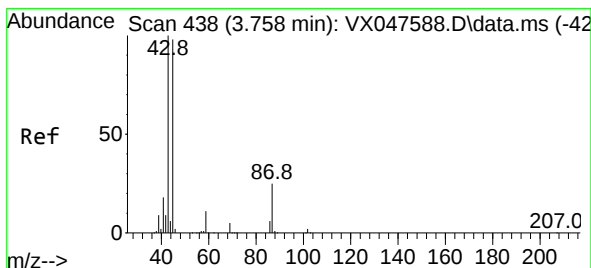
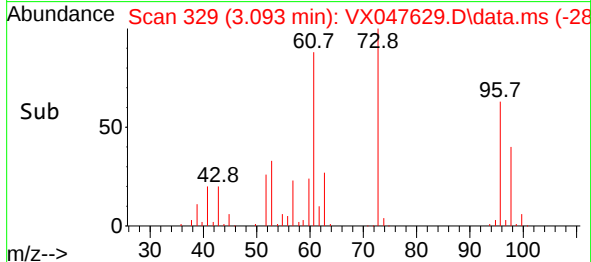
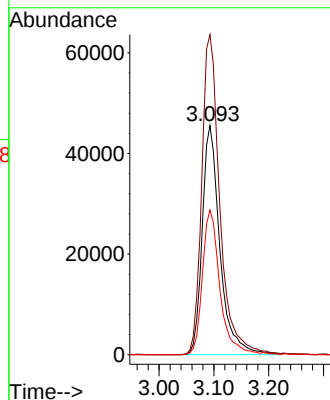
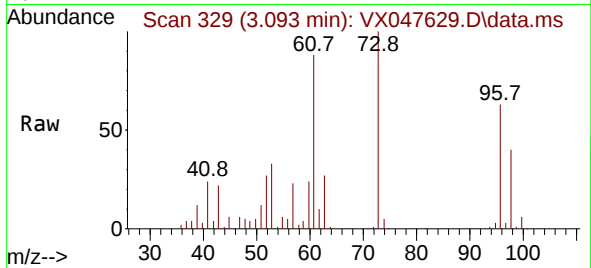




#21
trans-1,2-Dichloroethene
Concen: 50.301 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

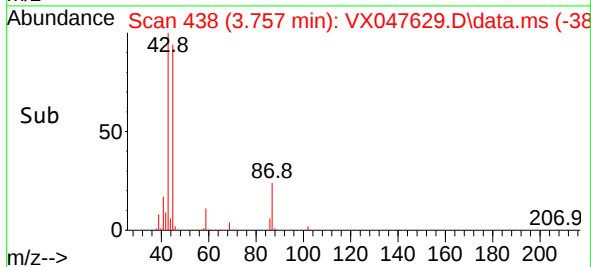
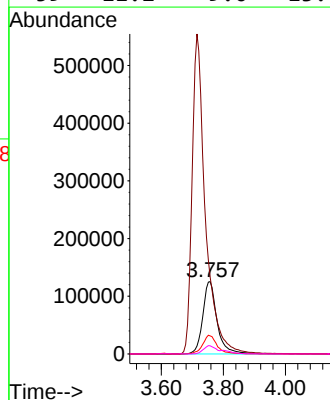
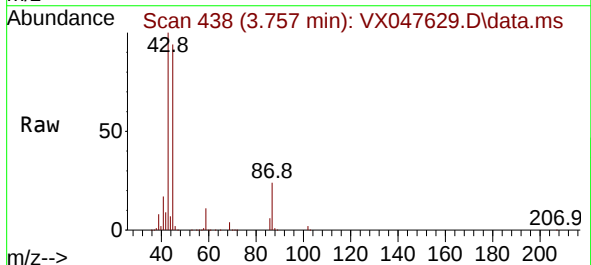
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

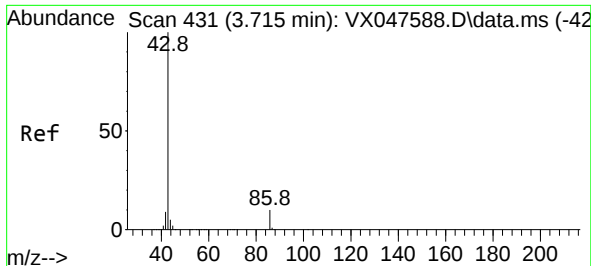
Tgt Ion: 96 Resp: 102000
Ion Ratio Lower Upper
96 100
61 139.7 116.2 174.2
98 63.1 49.3 73.9



#22
Diisopropyl ether
Concen: 53.219 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 45 Resp: 400864
Ion Ratio Lower Upper
45 100
43 106.4 81.0 121.4
87 25.0 20.3 30.5
59 11.2 9.0 13.4

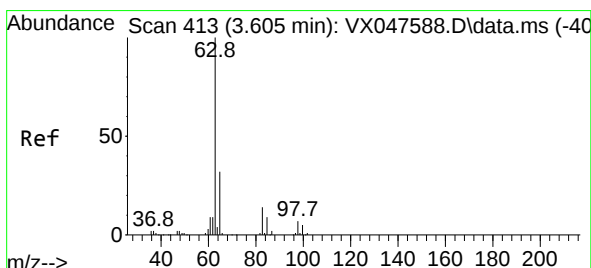
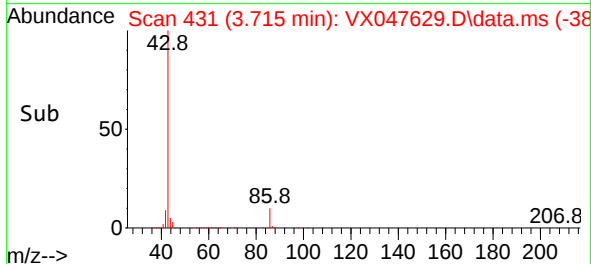
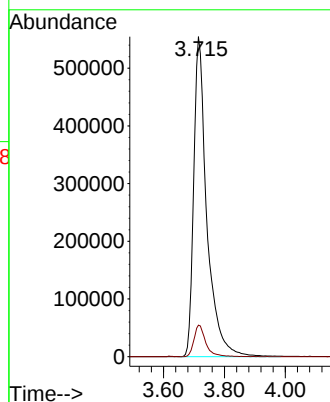
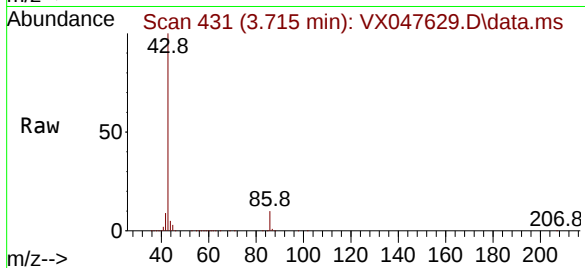




#23
 Vinyl Acetate
 Concen: 275.264 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

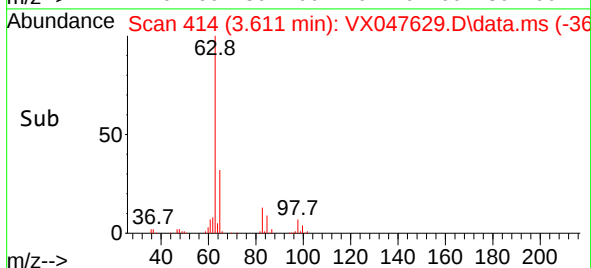
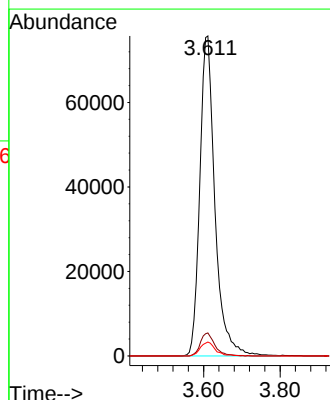
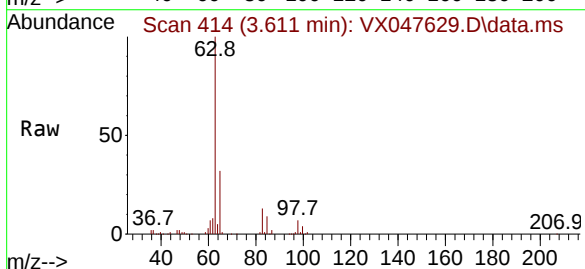
Instrument :
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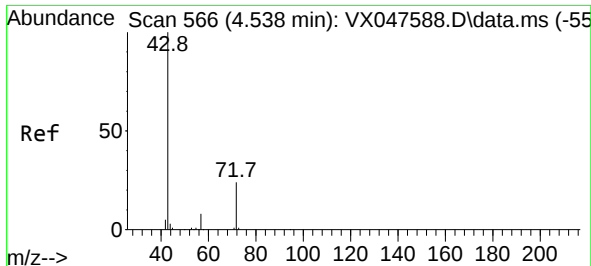
Tgt Ion: 43 Resp: 1659429
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.993 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

Tgt Ion: 63 Resp: 208155
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.3 2.3 6.9

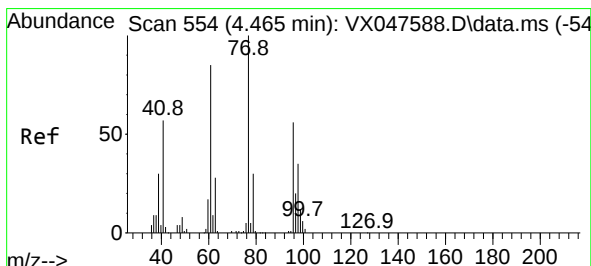
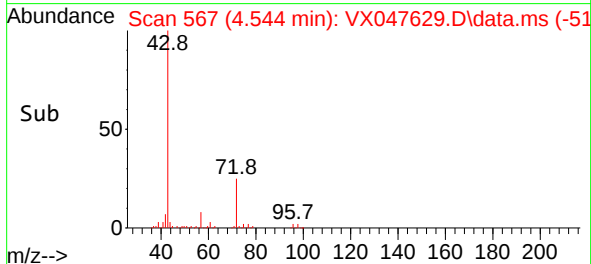
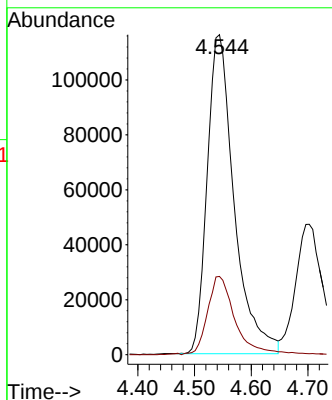
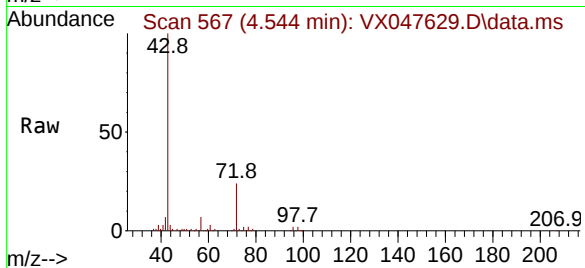




#25
2-Butanone
Concen: 279.960 ug/l
RT: 4.544 min Scan# 566
Delta R.T. 0.006 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

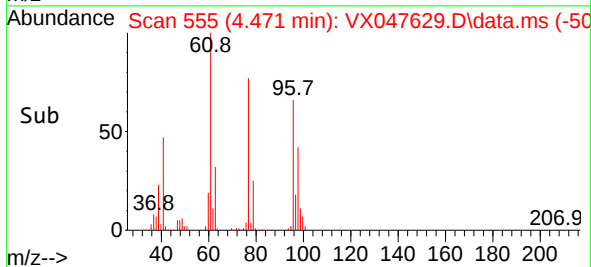
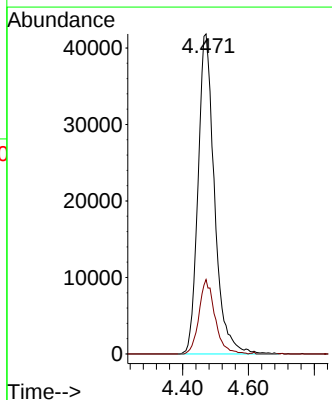
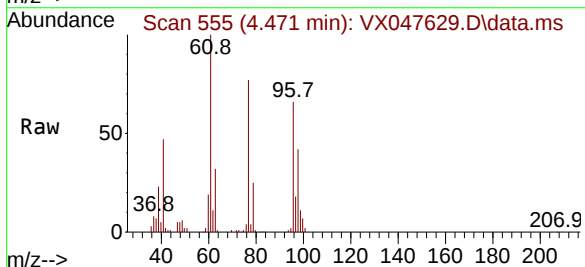
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

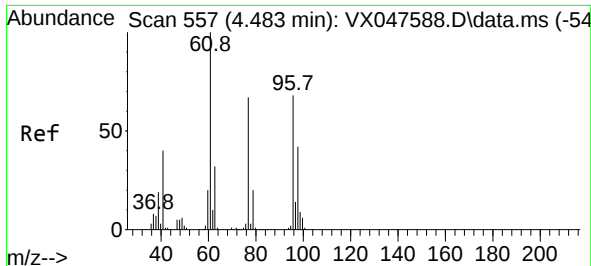
Tgt Ion: 43 Resp: 383147
Ion Ratio Lower Upper
43 100
72 23.9 20.1 30.1



#26
2,2-Dichloropropane
Concen: 43.574 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 77 Resp: 145013
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.7

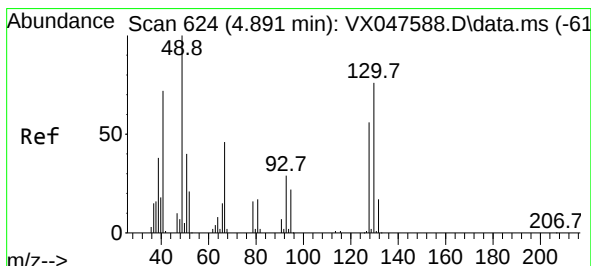
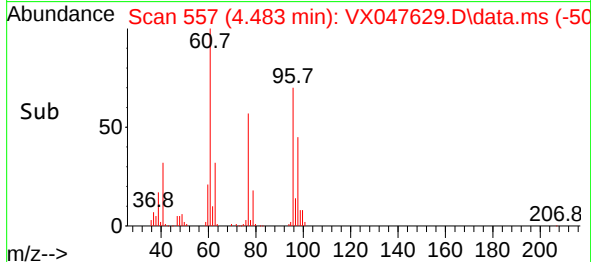
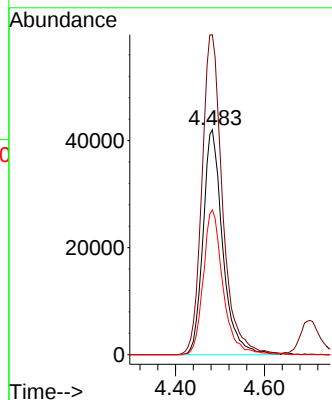
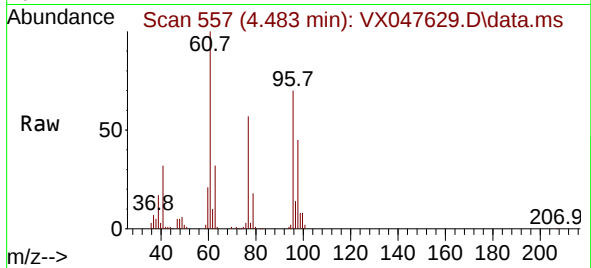




#27
 cis-1,2-Dichloroethene
 Concen: 52.031 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

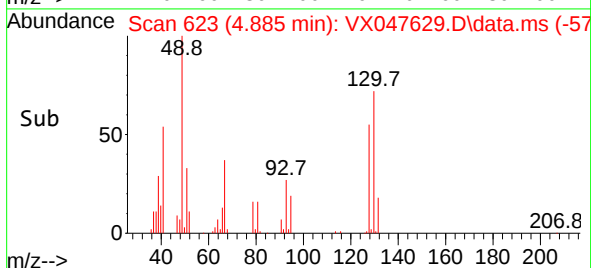
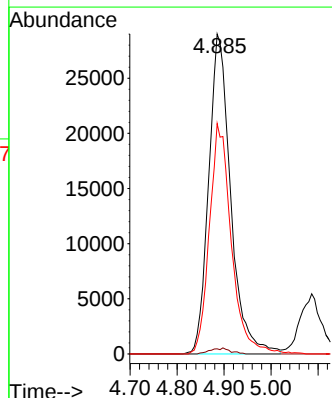
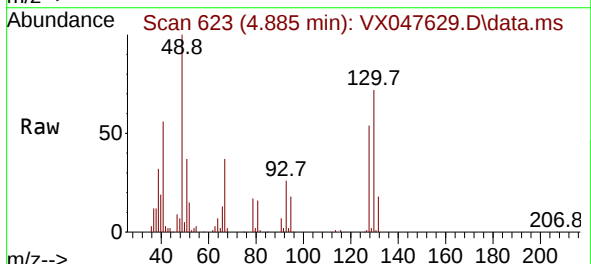
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

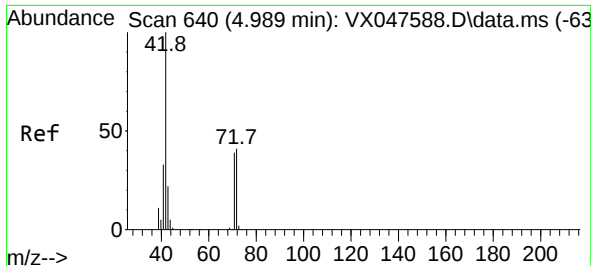
Tgt Ion: 96 Resp: 129212
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 303.2
 98 64.4 0.0 127.8



#28
 Bromochloromethane
 Concen: 53.925 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

Tgt Ion: 49 Resp: 94251
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 71.9 57.8 86.8





#29

Tetrahydrofuran

Concen: 299.524 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047629.D

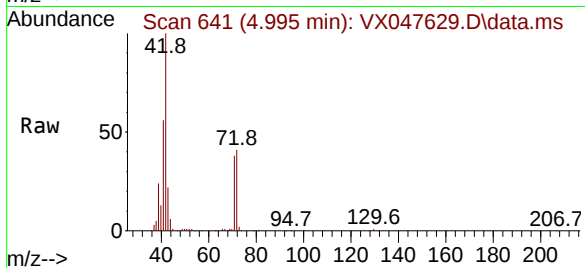
Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



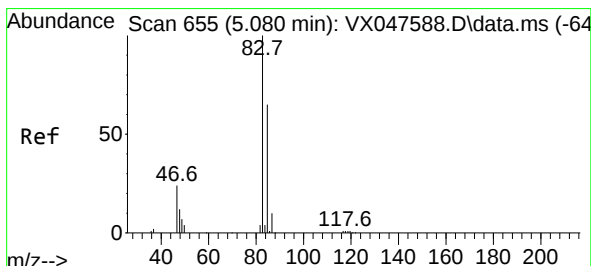
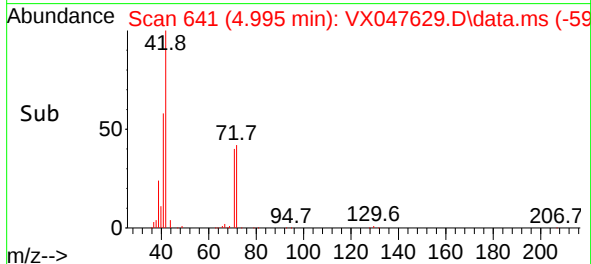
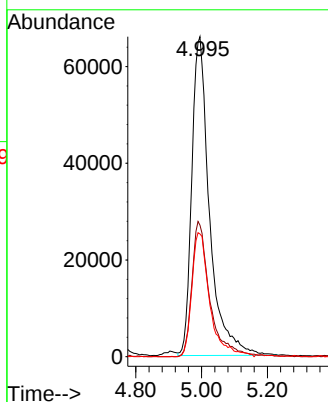
Tgt Ion: 42 Resp: 246600

Ion Ratio Lower Upper

42 100

72 42.7 34.2 51.2

71 39.3 31.9 47.9



#30

Chloroform

Concen: 53.027 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047629.D

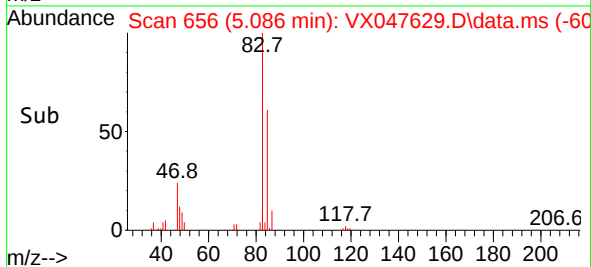
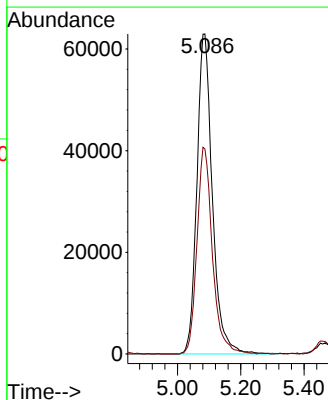
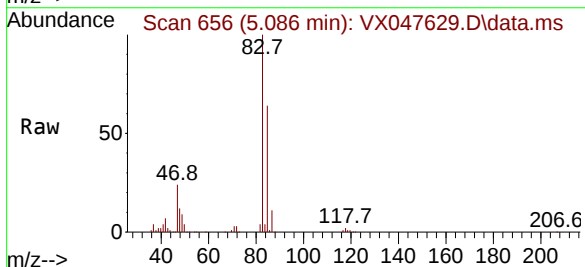
Acq: 17 Sep 2025 19:01

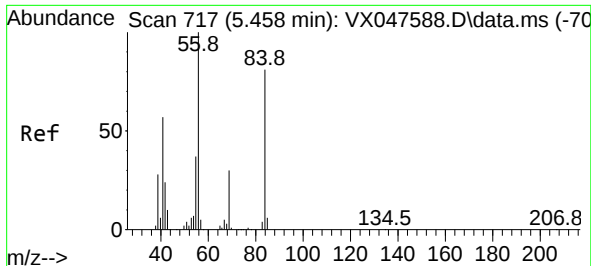
Tgt Ion: 83 Resp: 214530

Ion Ratio Lower Upper

83 100

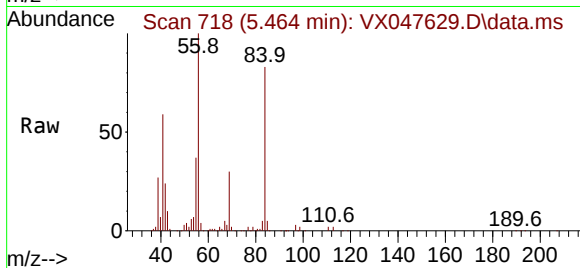
85 64.0 51.8 77.6





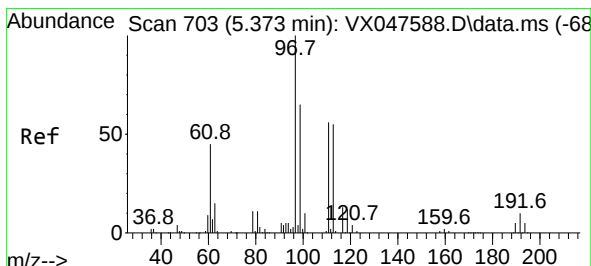
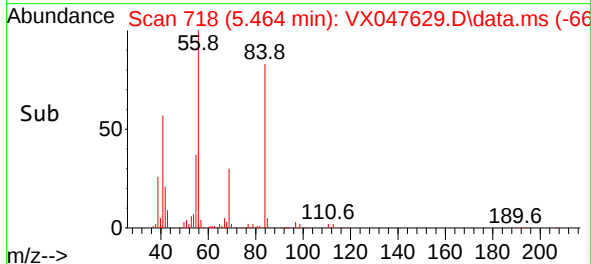
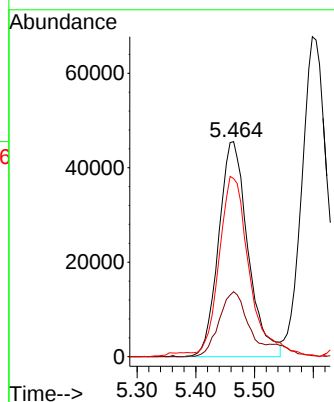
#31
Cyclohexane
Concen: 47.373 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 157963

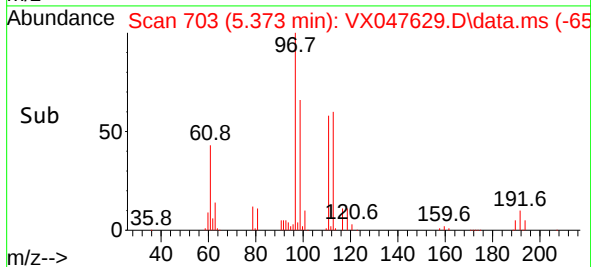
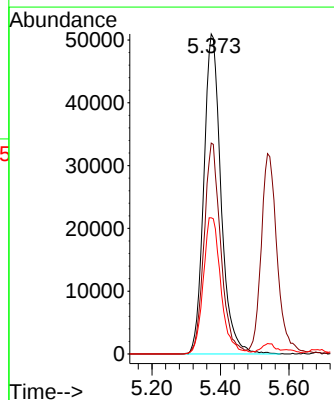
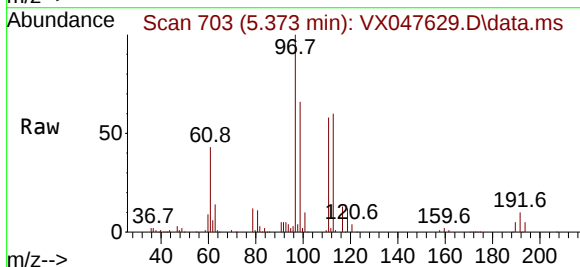
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.9	64.6	97.0

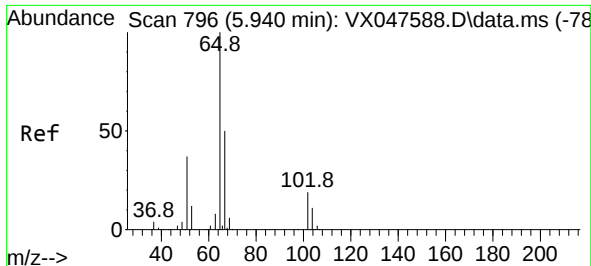


#32
1,1,1-Trichloroethane
Concen: 51.907 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 97 Resp: 178123

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	76.0
61	43.7	35.8	53.8





#33

1,2-Dichloroethane-d4

Concen: 51.280 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

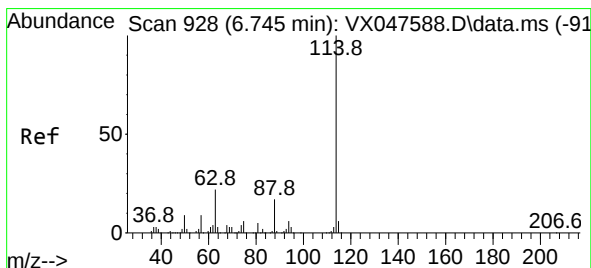
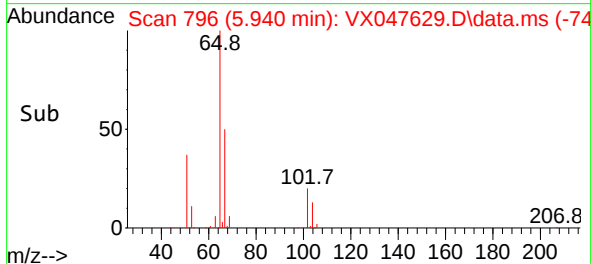
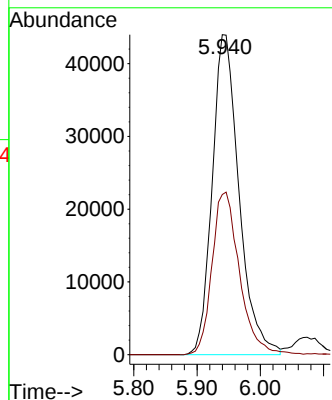
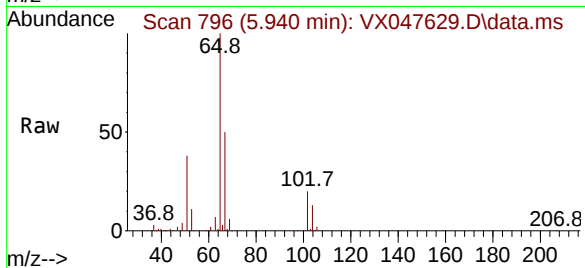
VSTDCCC050EC

Tgt Ion: 65 Resp: 129399

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

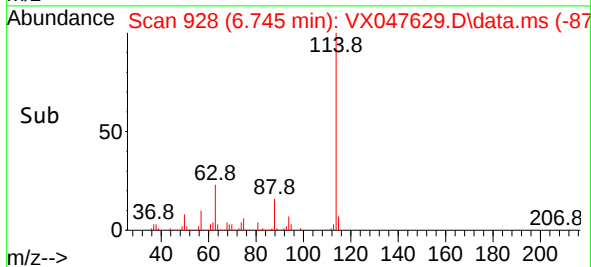
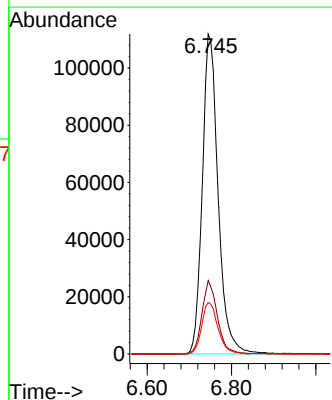
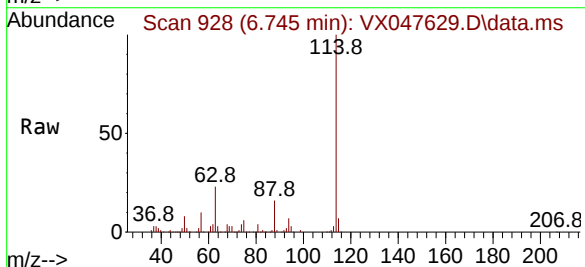
Tgt Ion: 114 Resp: 292304

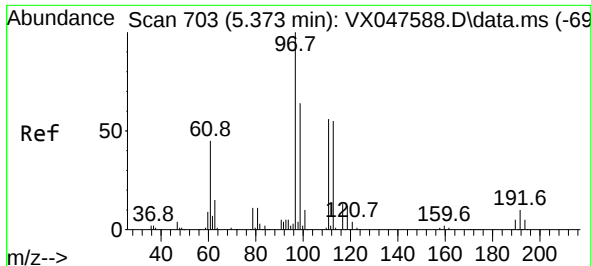
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

88 16.1 0.0 34.2

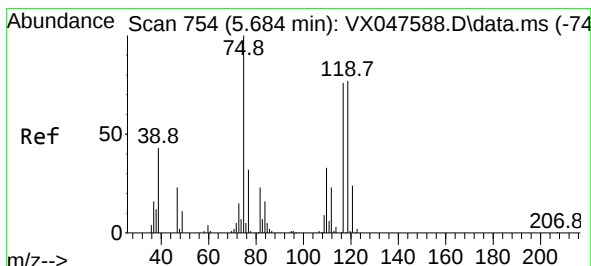
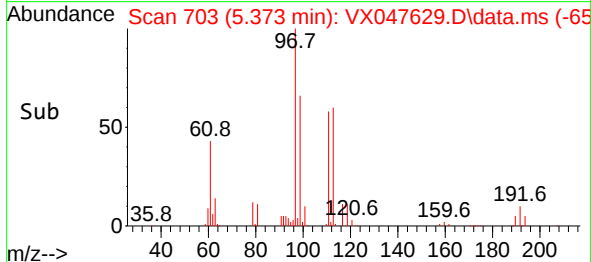
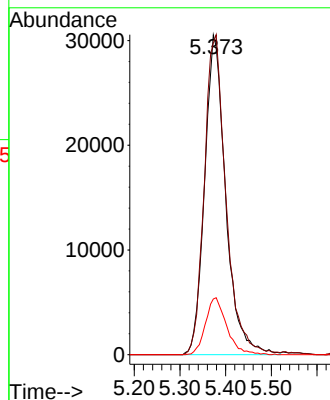
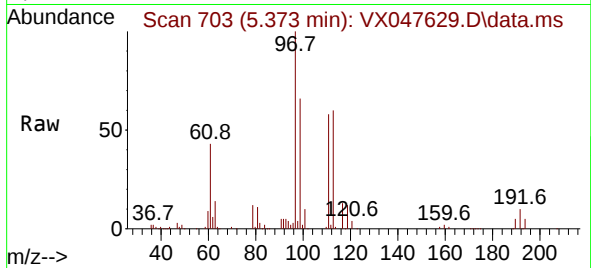




#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

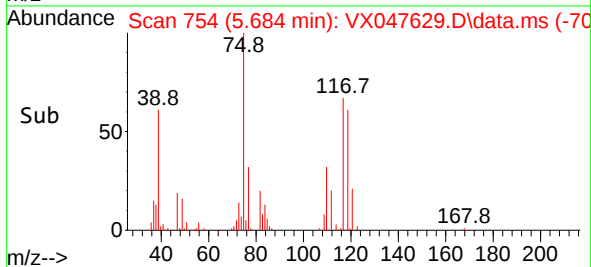
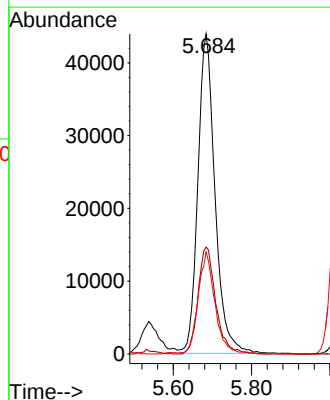
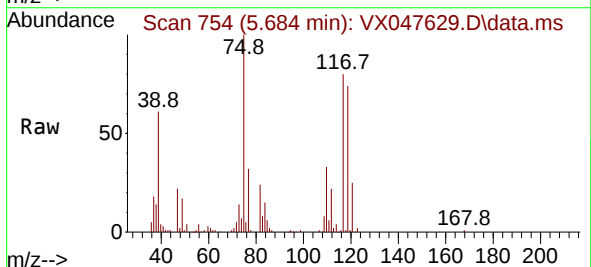
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

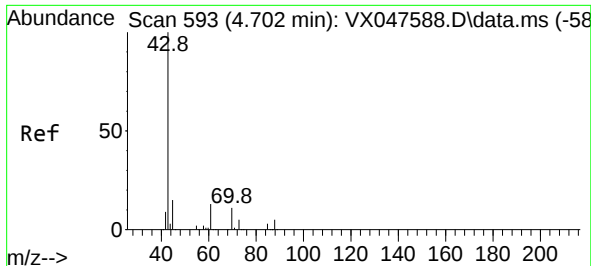
Tgt Ion:113 Resp: 97816
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.9 14.2 21.4



#36
1,1-Dichloropropene
Concen: 46.610 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 75 Resp: 133515
Ion Ratio Lower Upper
75 100
110 34.8 16.7 50.1
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 54.084 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

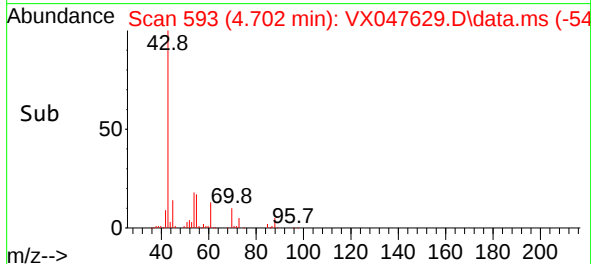
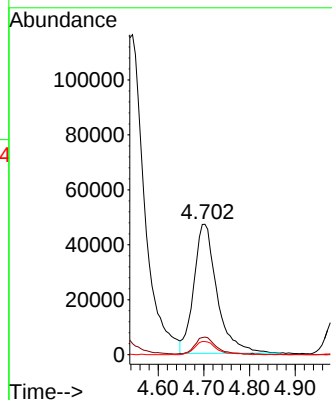
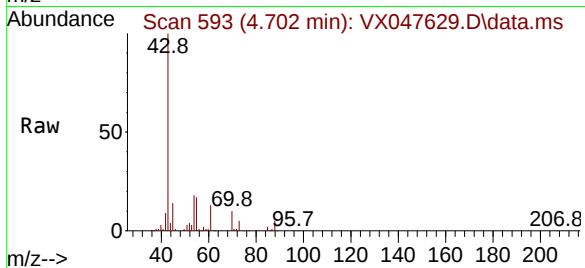
Tgt Ion: 43 Resp: 165882

Ion Ratio Lower Upper

43 100

61 11.5 9.8 14.8

70 9.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 47.609 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

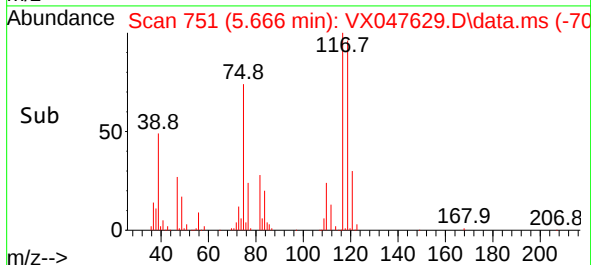
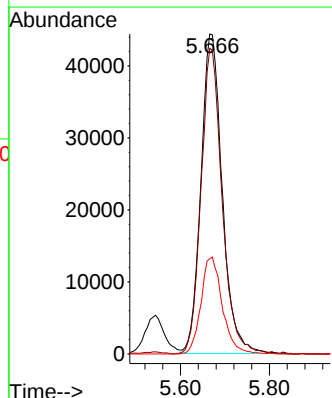
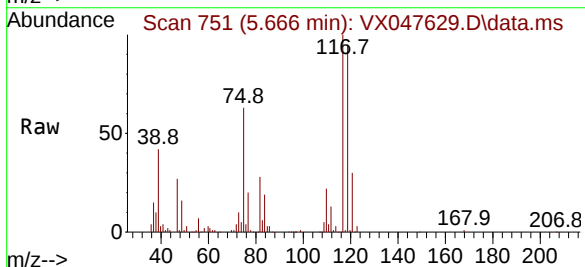
Tgt Ion: 117 Resp: 148177

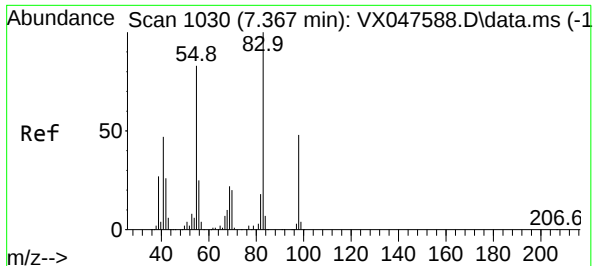
Ion Ratio Lower Upper

117 100

119 95.4 73.4 110.2

121 29.8 23.8 35.6





#39

Methylcyclohexane

Concen: 45.546 ug/l

RT: 7.367 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

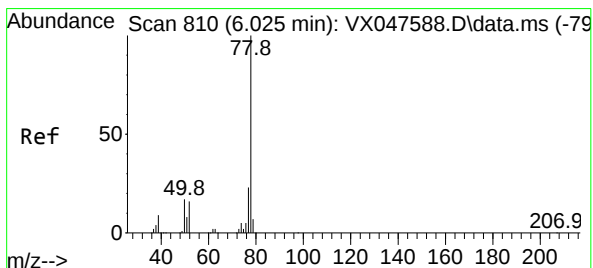
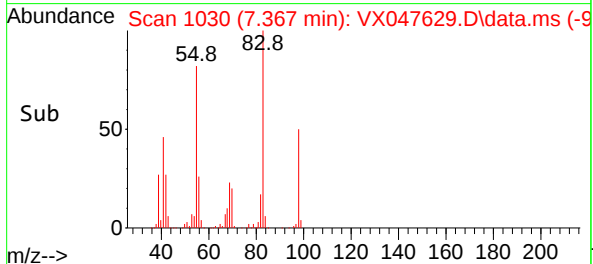
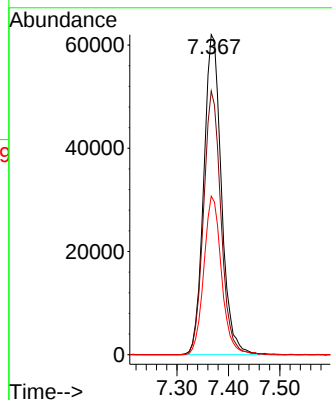
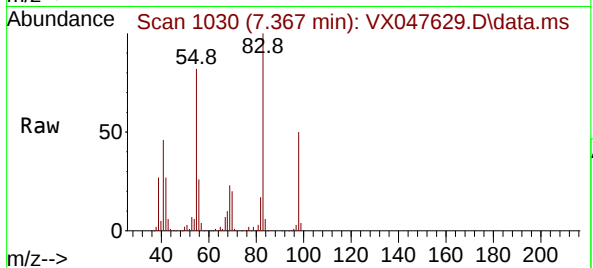
Tgt Ion: 83 Resp: 148100

Ion Ratio Lower Upper

83 100

55 82.4 66.4 99.6

98 49.6 38.1 57.1



#40

Benzene

Concen: 50.154 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX047629.D

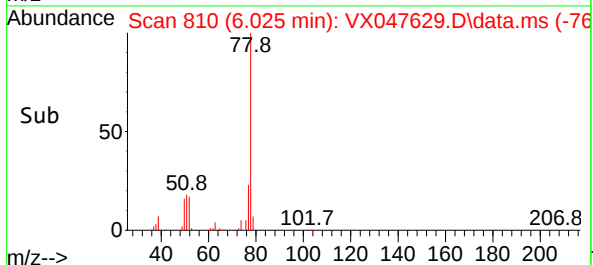
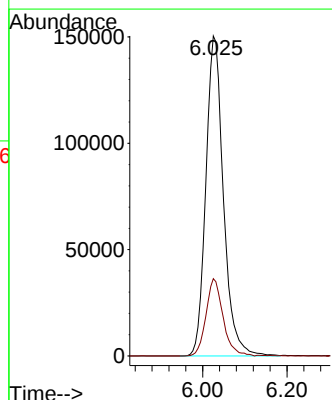
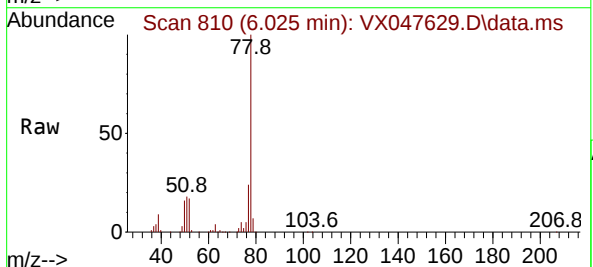
Acq: 17 Sep 2025 19:01

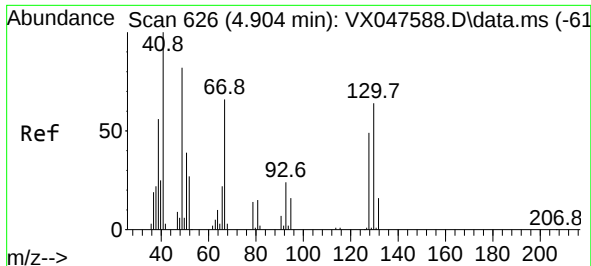
Tgt Ion: 78 Resp: 436357

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

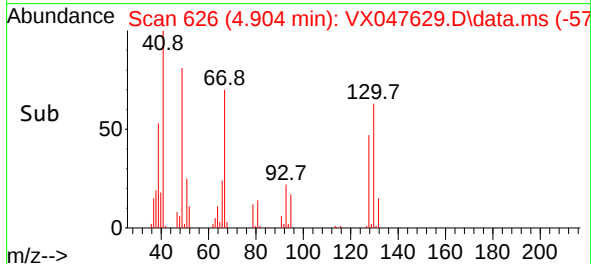
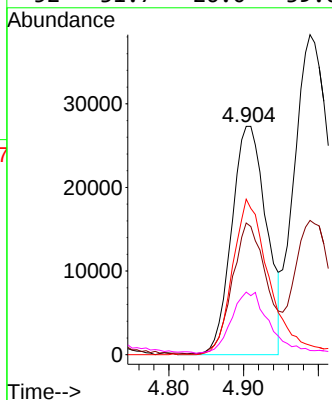
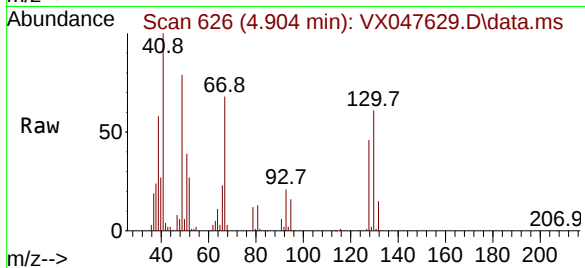




#41
Methacrylonitrile
Concen: 55.897 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

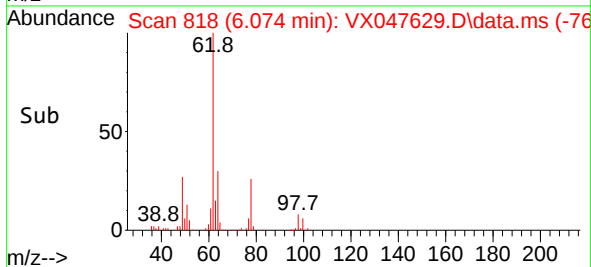
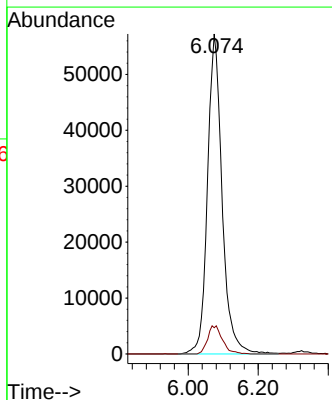
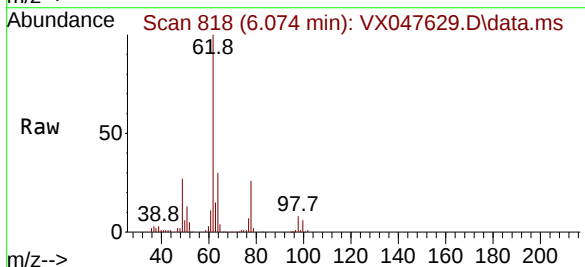
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

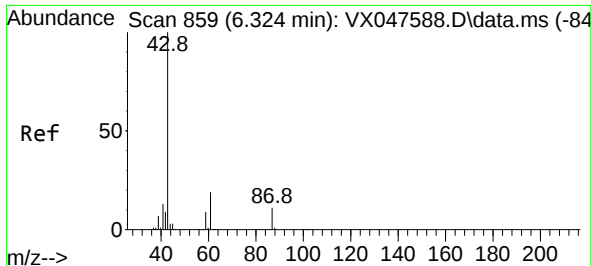
Tgt Ion:	41	Resp:	88508
Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.3	64.9
67	73.8	58.6	87.8
52	31.7	26.0	39.0



#42
1,2-Dichloroethane
Concen: 50.034 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion:	62	Resp:	165630
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0

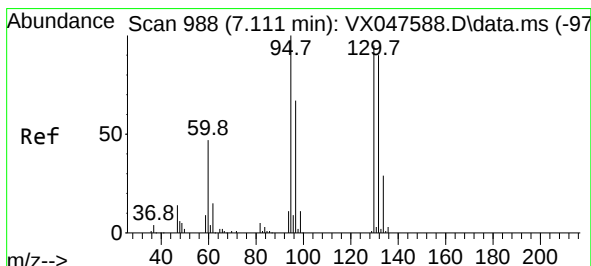
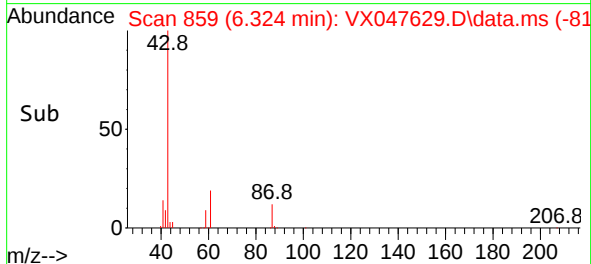
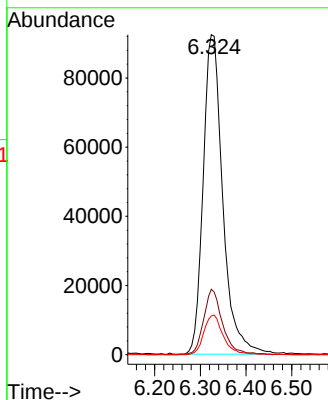
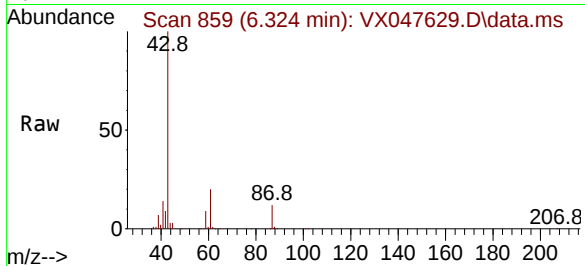




#43
Isopropyl Acetate
Concen: 54.664 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

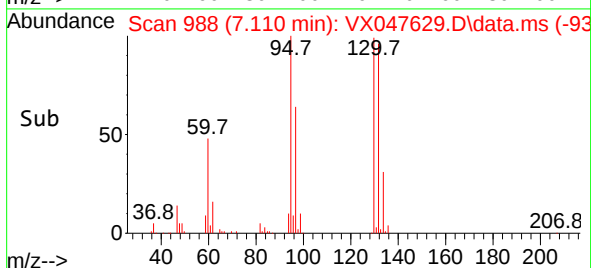
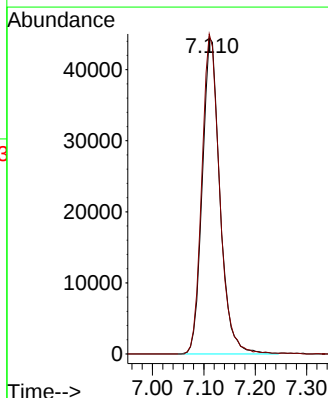
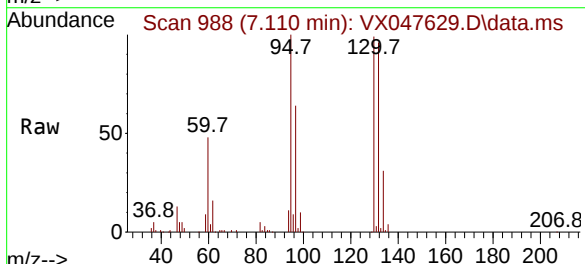
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

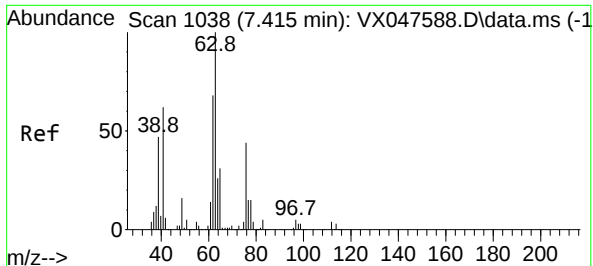
Tgt Ion: 43 Resp: 274971
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 50.271 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion:130 Resp: 105741
Ion Ratio Lower Upper
130 100
95 101.2 0.0 210.8





#45

1,2-Dichloropropane

Concen: 51.865 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

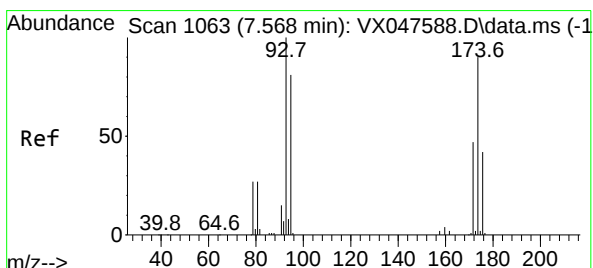
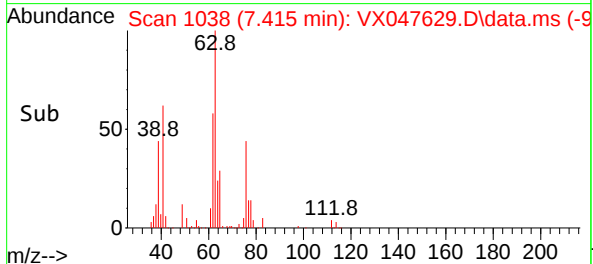
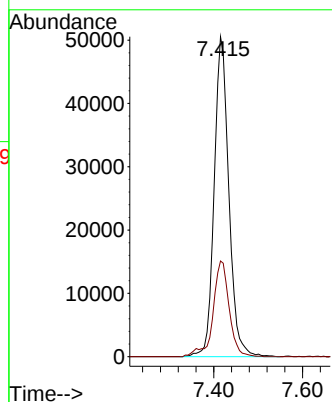
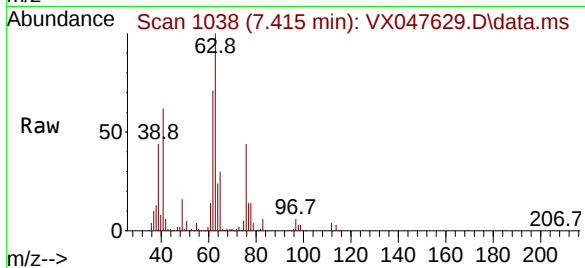
VSTDCCC050EC

Tgt Ion: 63 Resp: 115545

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 51.058 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

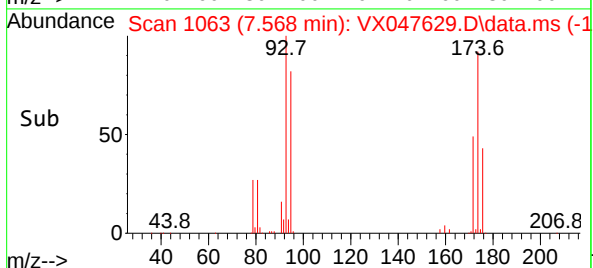
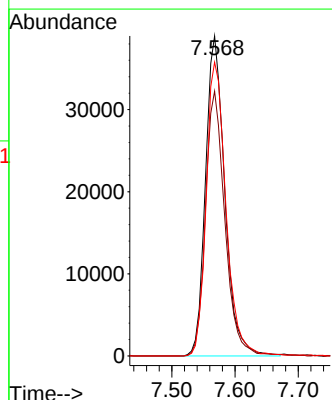
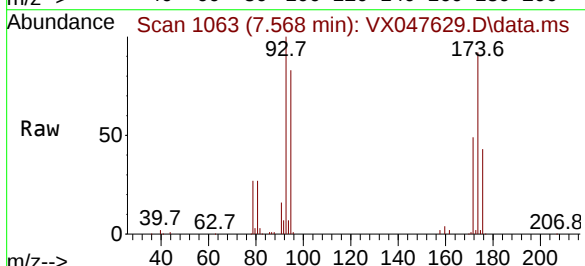
Tgt Ion: 93 Resp: 82775

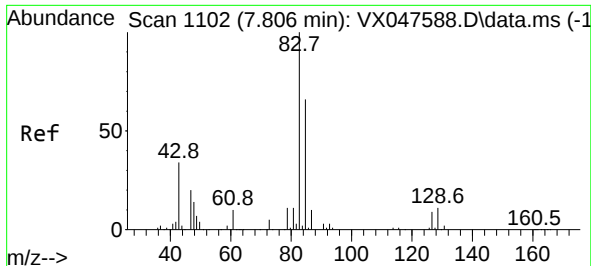
Ion Ratio Lower Upper

93 100

95 83.6 65.0 97.6

174 94.1 71.6 107.4

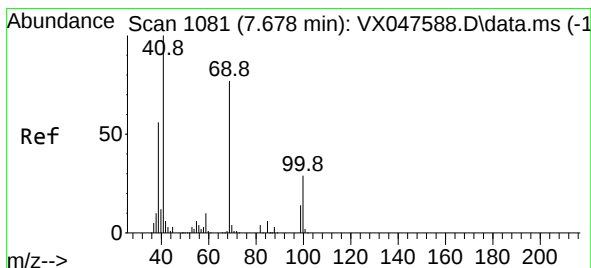
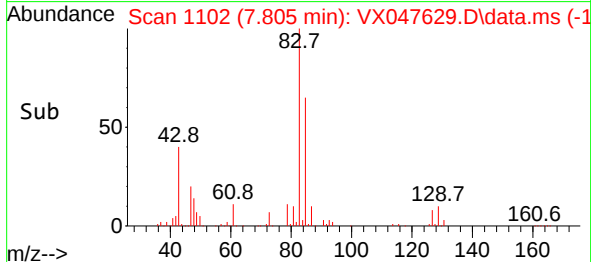
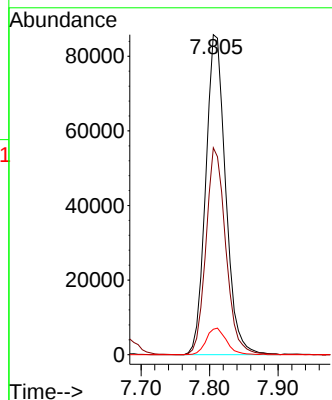
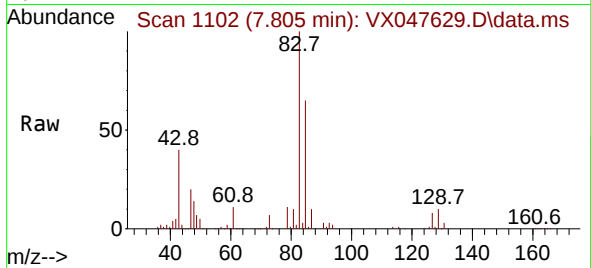




#47
Bromodichloromethane
Concen: 51.947 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

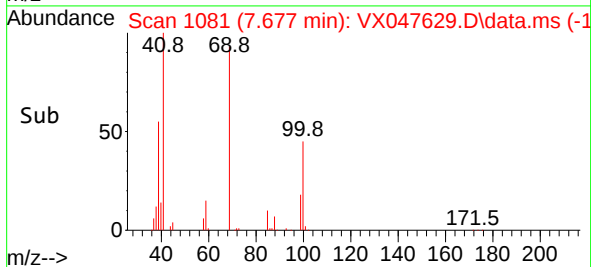
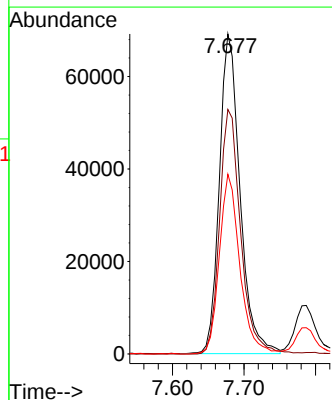
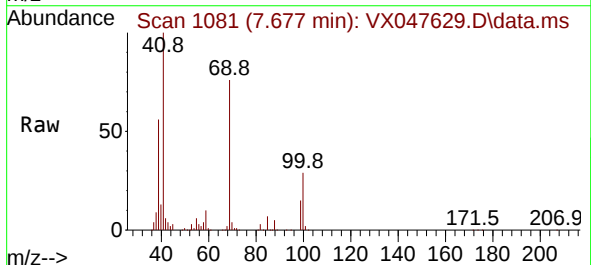
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

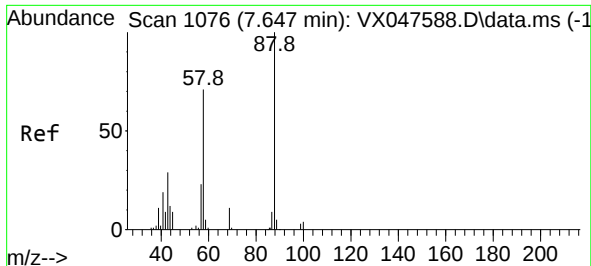
Tgt Ion: 83 Resp: 173783
Ion Ratio Lower Upper
83 100
85 64.6 52.5 78.7
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 55.559 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 41 Resp: 139209
Ion Ratio Lower Upper
41 100
69 77.7 61.4 92.2
39 55.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1368.143 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

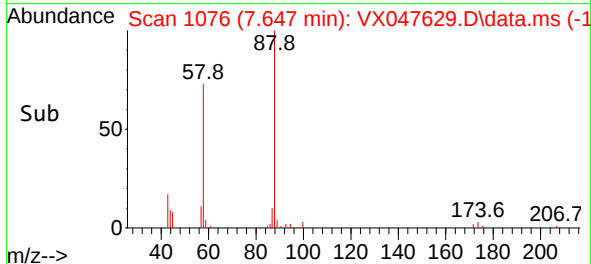
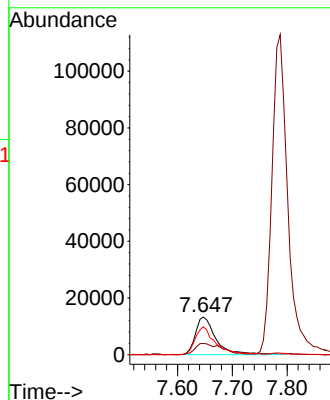
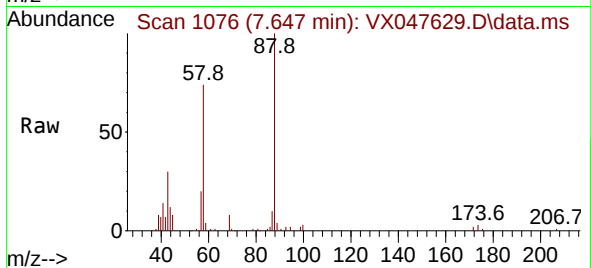
Tgt Ion: 88 Resp: 34644

Ion Ratio Lower Upper

88 100

43 39.3 30.2 45.2

58 72.6 59.5 89.3



#50

Toluene-d8

Concen: 50.700 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047629.D

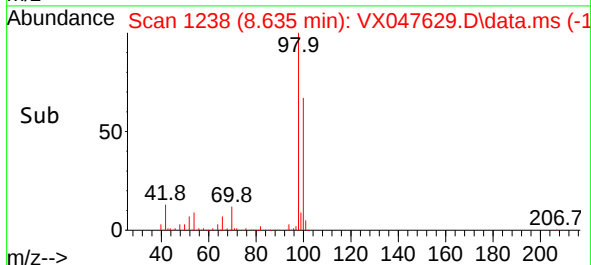
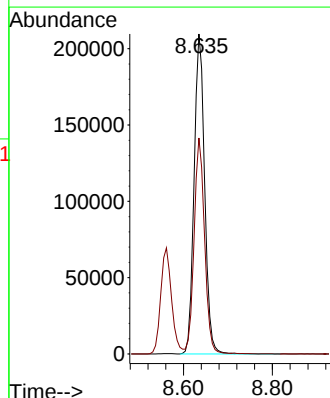
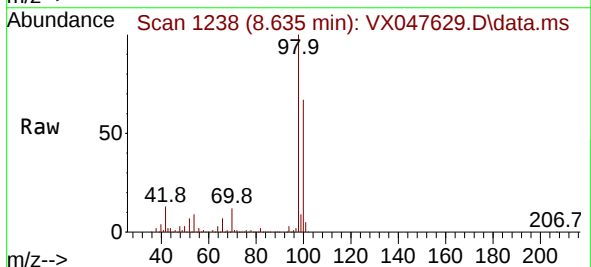
Acq: 17 Sep 2025 19:01

Tgt Ion: 98 Resp: 343907

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.4

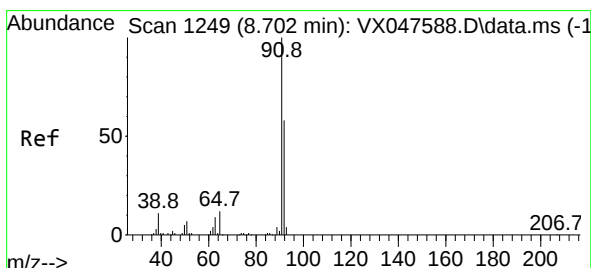
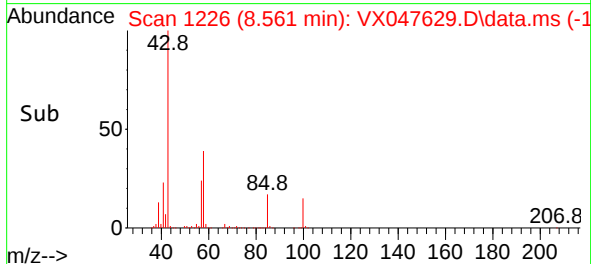
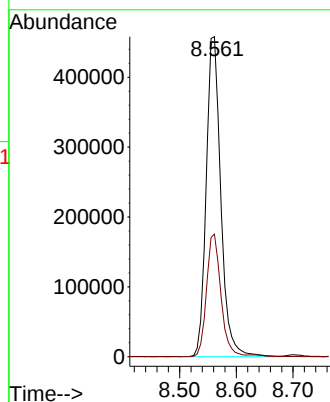
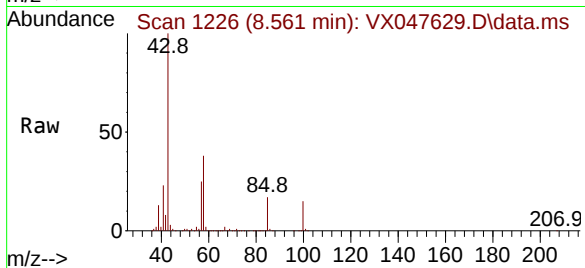




#51
4-Methyl-2-Pentanone
Concen: 293.767 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

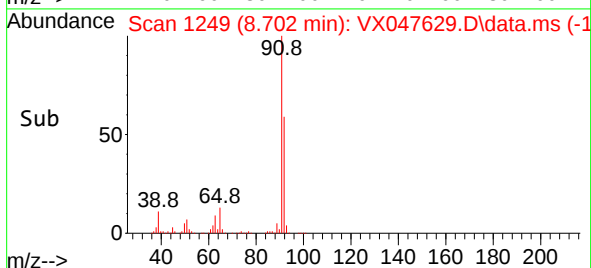
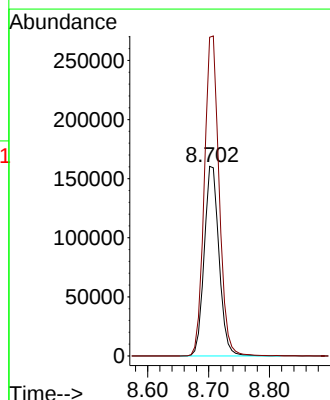
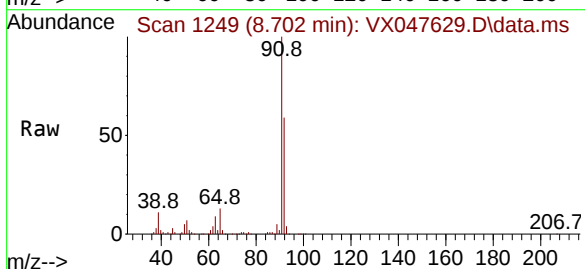
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 819310
Ion Ratio Lower Upper
43 100
58 37.6 30.3 45.5



#52
Toluene
Concen: 50.647 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 92 Resp: 271480
Ion Ratio Lower Upper
92 100
91 168.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.153 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

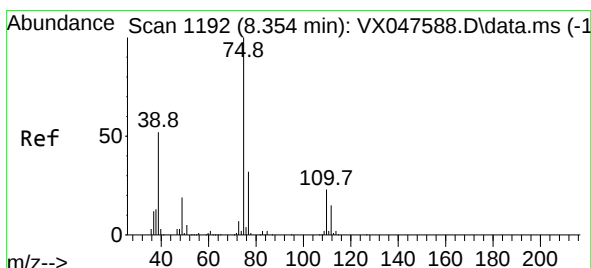
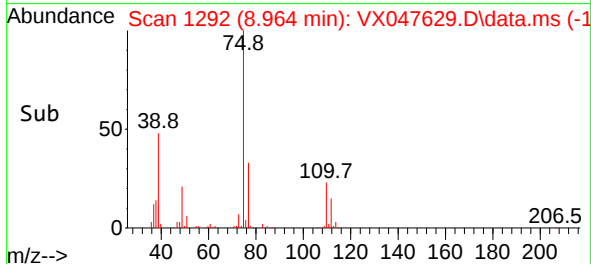
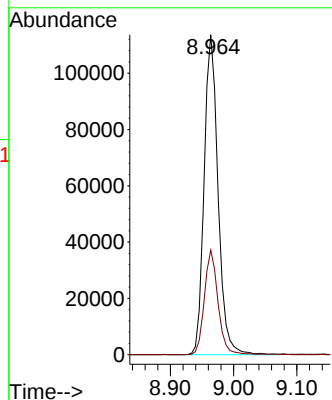
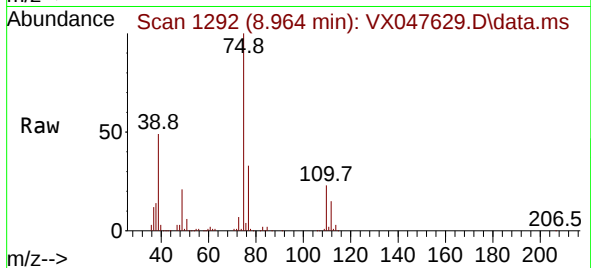
VSTDCCC050EC

Tgt Ion: 75 Resp: 174553

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.132 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

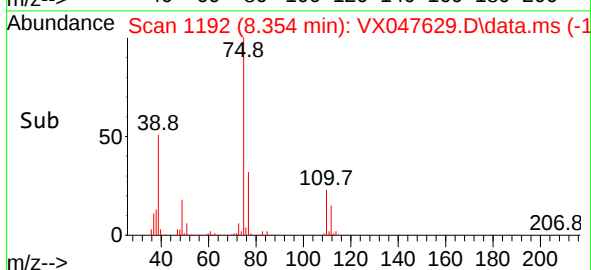
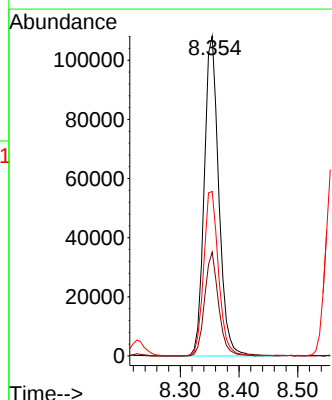
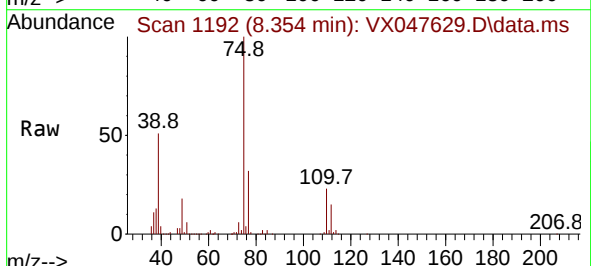
Tgt Ion: 75 Resp: 186493

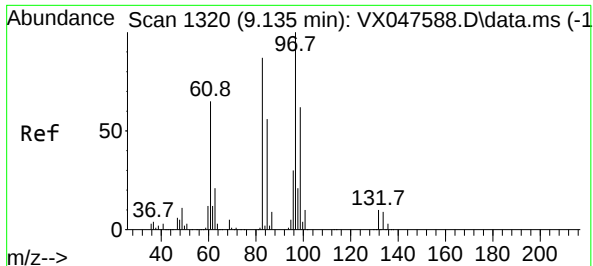
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 51.3 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 53.343 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 110254

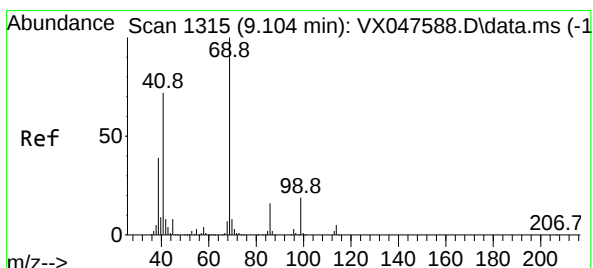
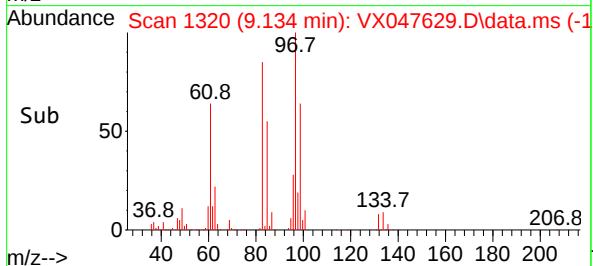
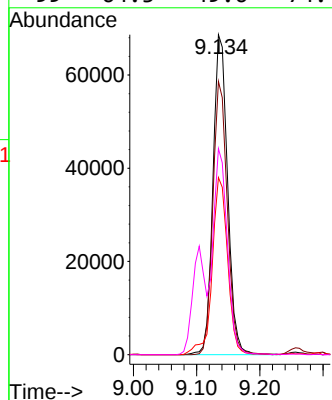
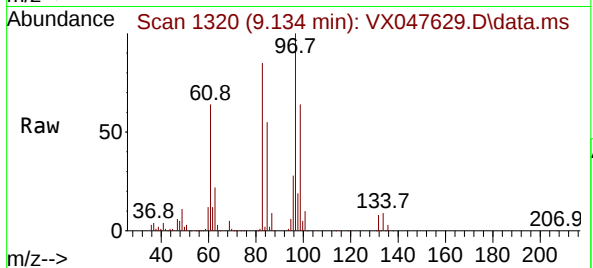
Ion Ratio Lower Upper

97 100

83 85.4 69.6 104.4

85 55.4 45.0 67.6

99 64.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 56.580 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

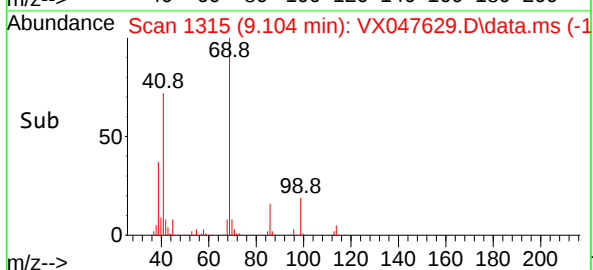
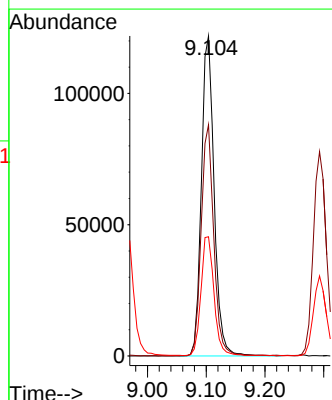
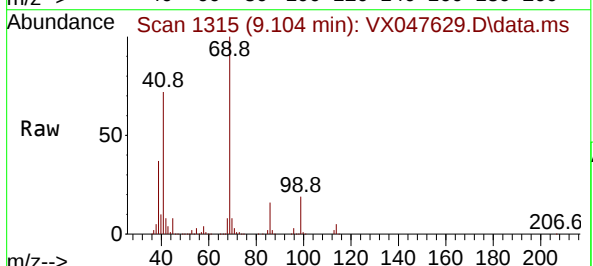
Tgt Ion: 69 Resp: 183656

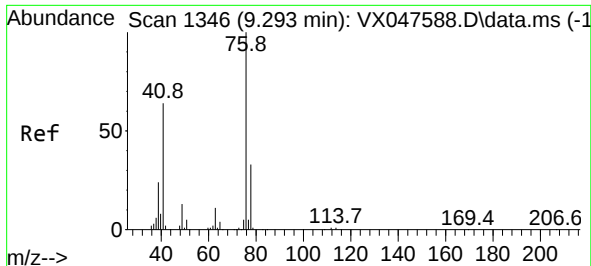
Ion Ratio Lower Upper

69 100

41 71.8 58.6 87.8

39 38.2 31.5 47.3

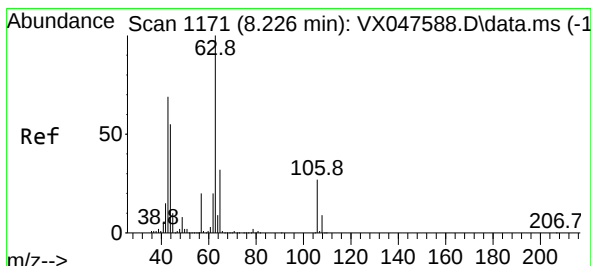
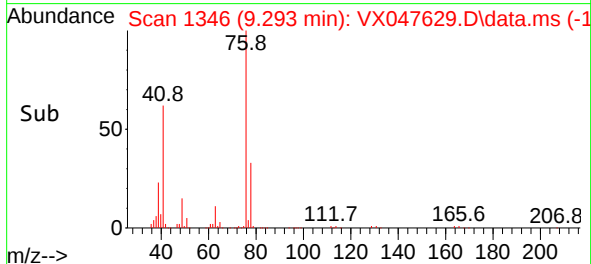
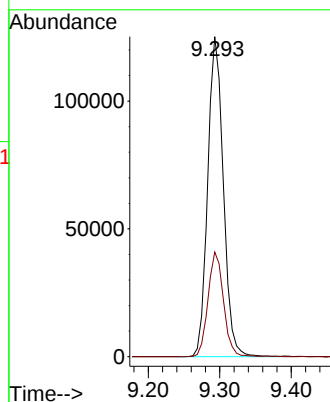
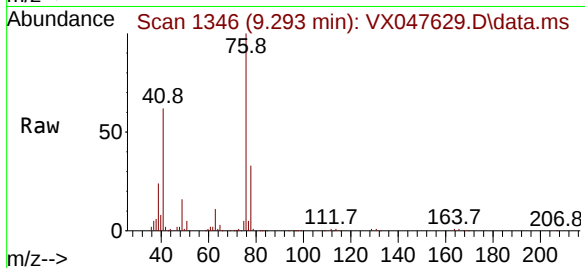




#57
1,3-Dichloropropane
Concen: 53.484 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

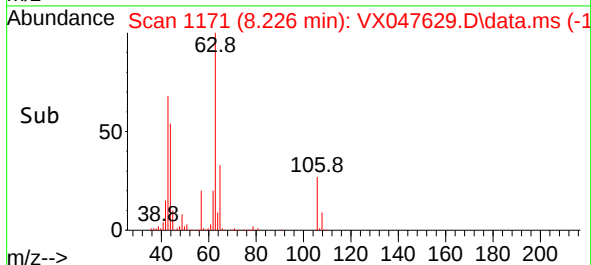
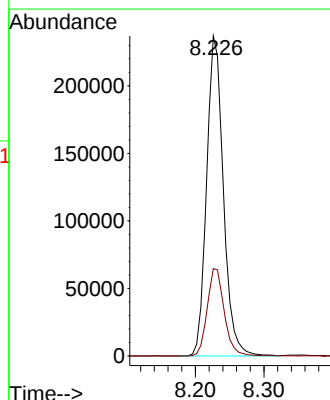
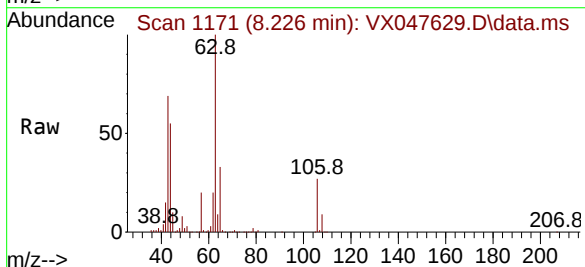
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 189897
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 259.768 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 63 Resp: 403925
Ion Ratio Lower Upper
63 100
106 27.7 21.9 32.9





#59

2-Hexanone

Concen: 286.357 ug/l

RT: 9.415 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

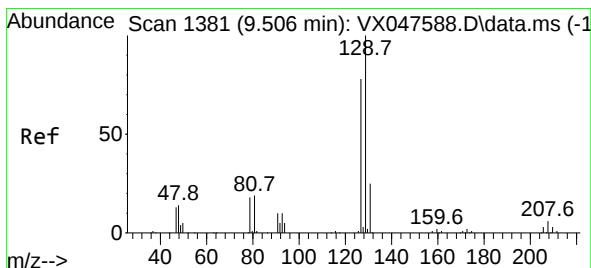
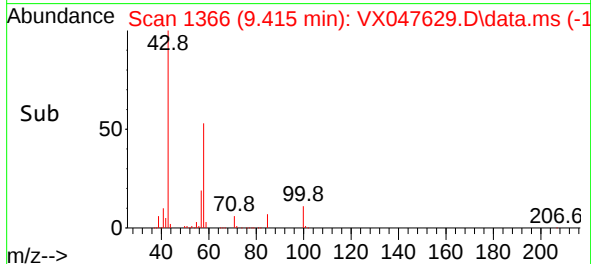
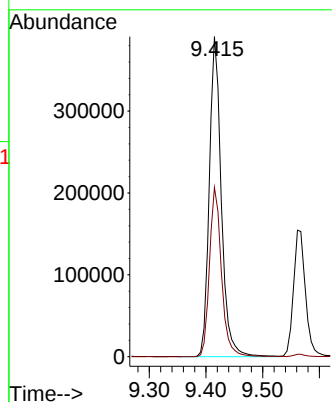
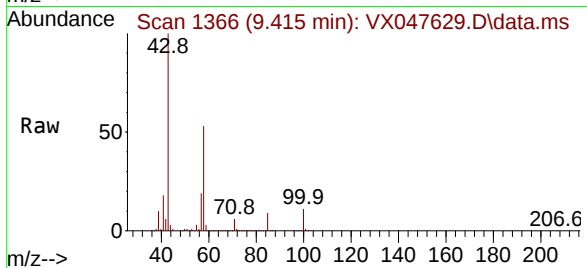
VSTDCCC050EC

Tgt Ion: 43 Resp: 573589

Ion Ratio Lower Upper

43 100

58 52.9 26.1 78.2



#60

Dibromochloromethane

Concen: 53.396 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX047629.D

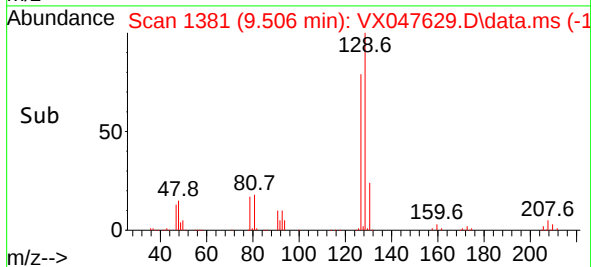
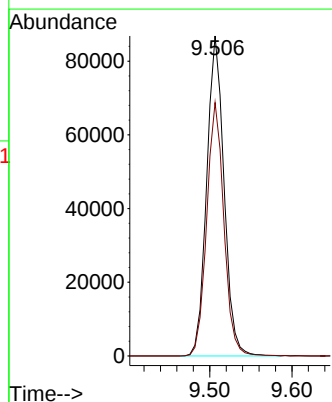
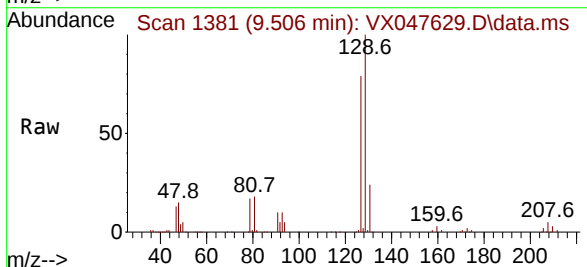
Acq: 17 Sep 2025 19:01

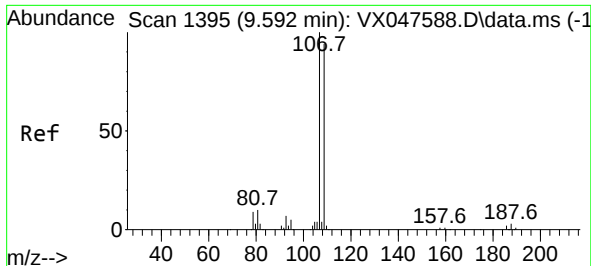
Tgt Ion:129 Resp: 127163

Ion Ratio Lower Upper

129 100

127 78.5 38.4 115.2

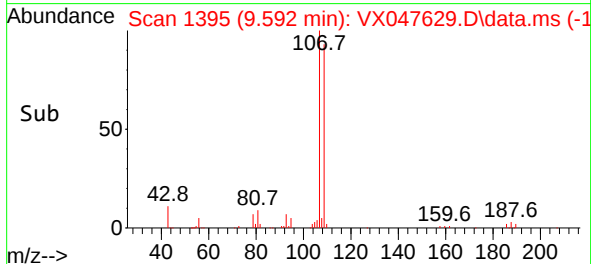
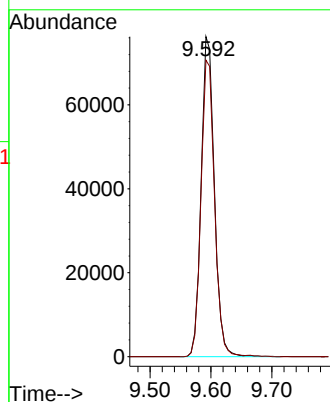
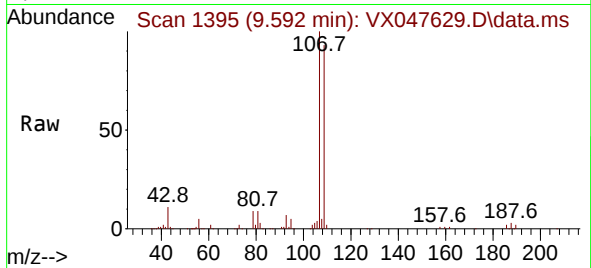




#61
1,2-Dibromoethane
Concen: 54.651 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

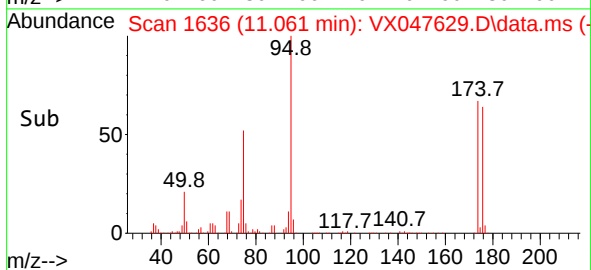
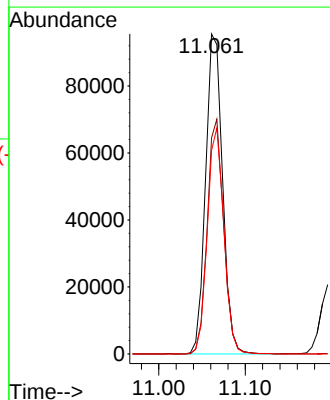
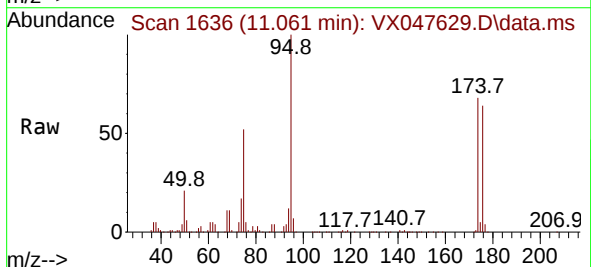
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 115052
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 50.473 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 95 Resp: 129935
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.0 0.0 138.4

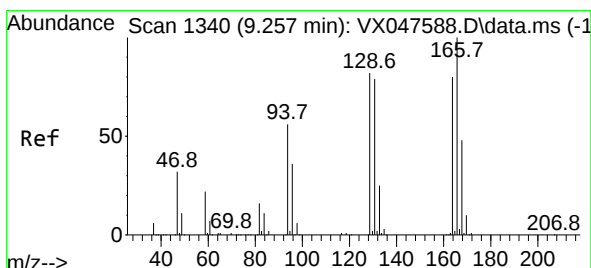
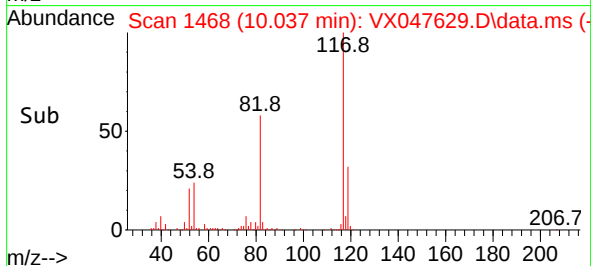
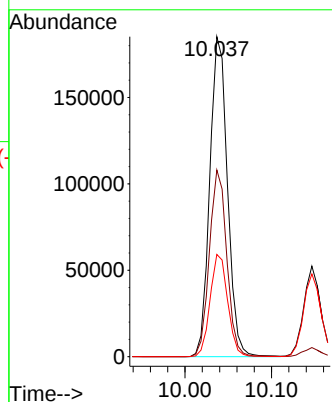
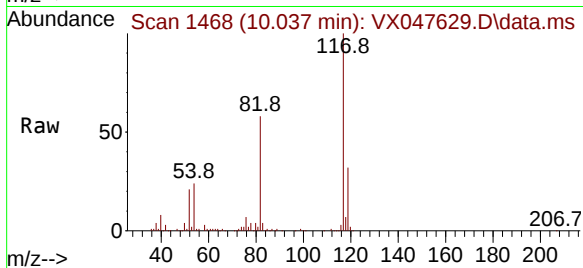




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

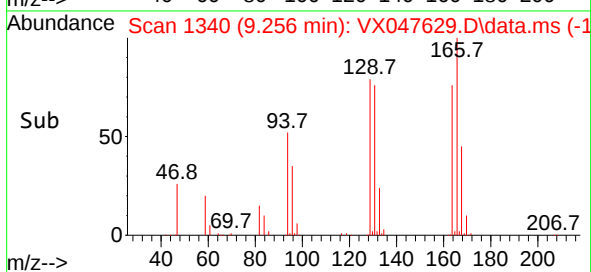
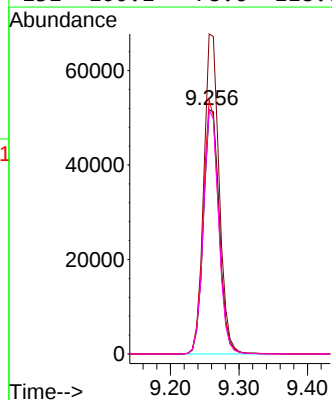
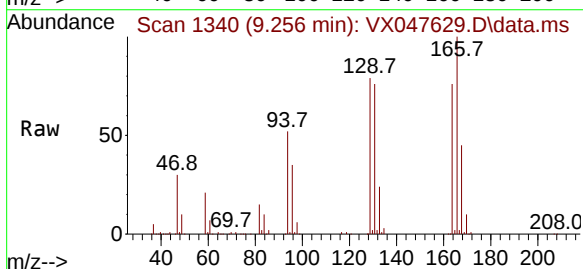
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

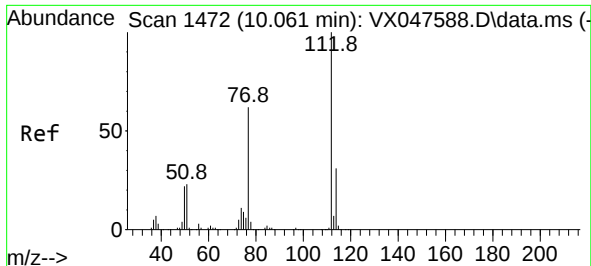
Tgt Ion:117 Resp: 262366
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.6
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 48.615 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion:164 Resp: 83148
Ion Ratio Lower Upper
164 100
166 131.0 100.2 150.2
129 104.0 81.8 122.6
131 100.1 78.6 118.0

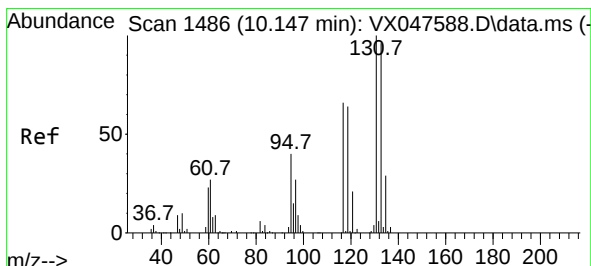
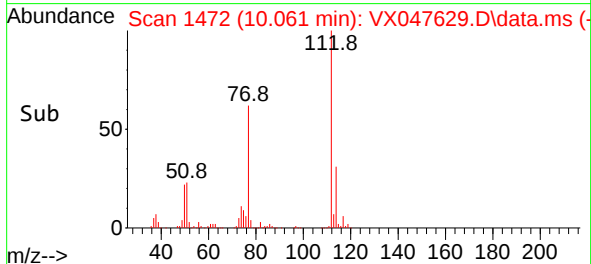
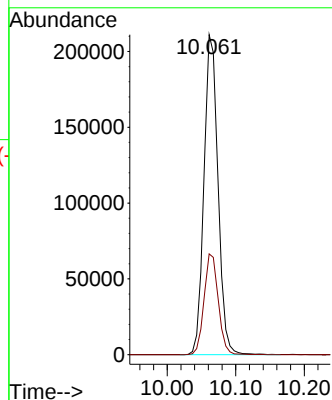
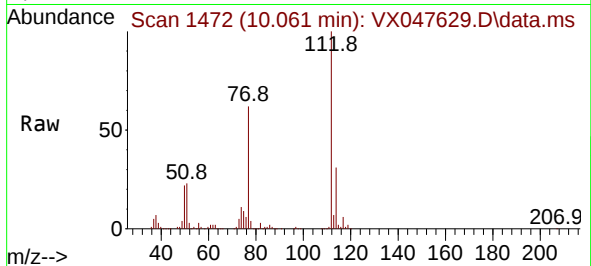




#65
Chlorobenzene
Concen: 50.542 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

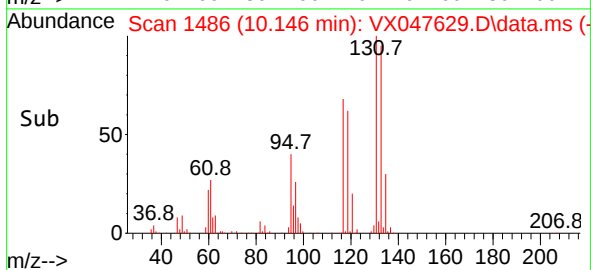
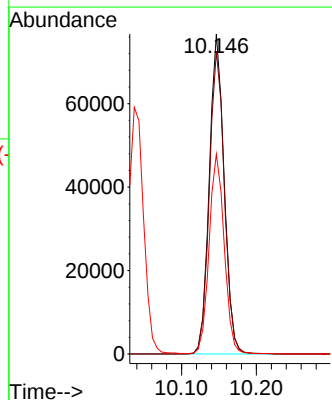
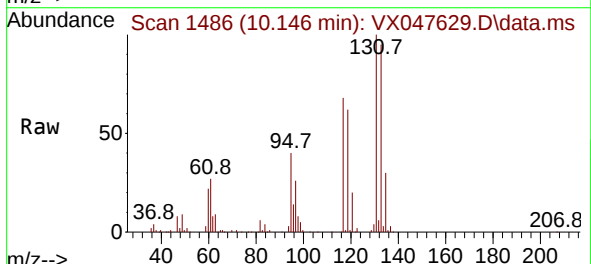
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

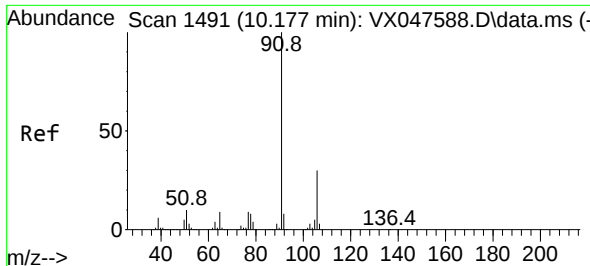
Tgt Ion:112 Resp: 301252
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.489 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion:131 Resp: 105903
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 63.5 32.0 96.0

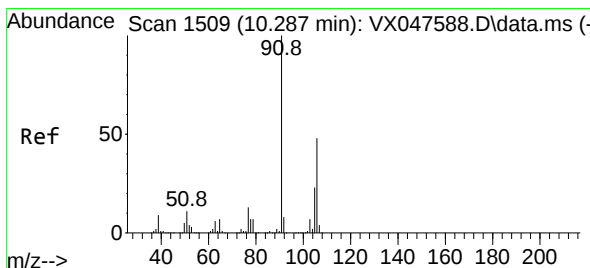
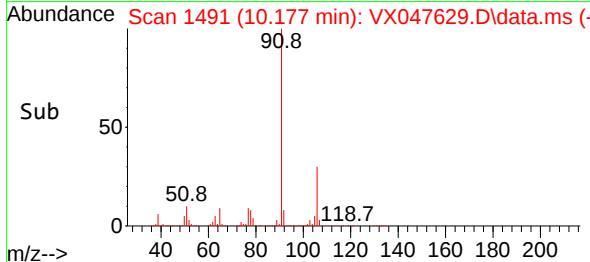
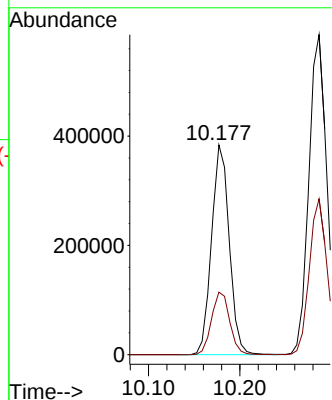
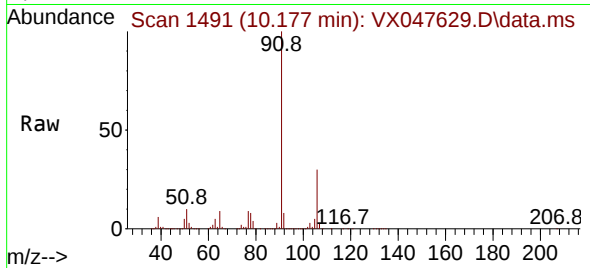




#67
Ethyl Benzene
Concen: 50.124 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

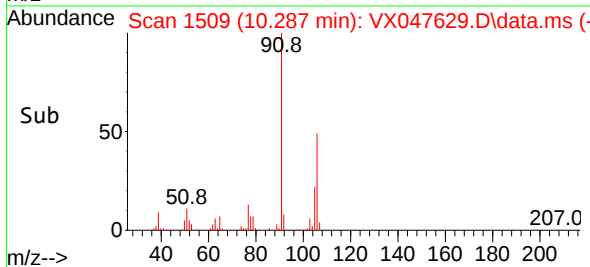
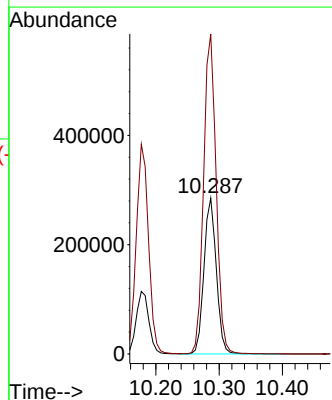
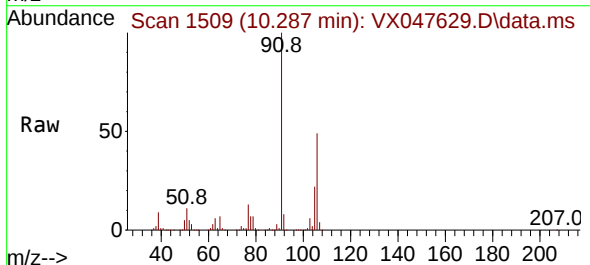
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

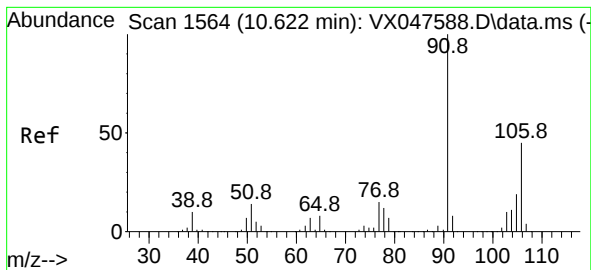
Tgt Ion: 91 Resp: 515487
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 101.396 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion:106 Resp: 388133
Ion Ratio Lower Upper
106 100
91 208.7 167.8 251.8





#69

o-Xylene

Concen: 51.181 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

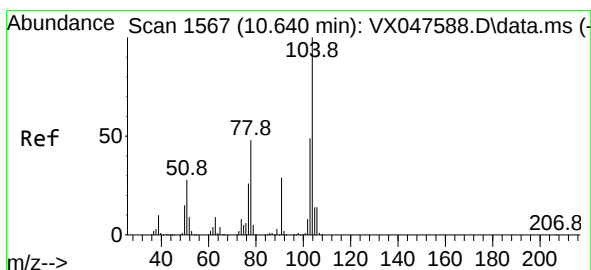
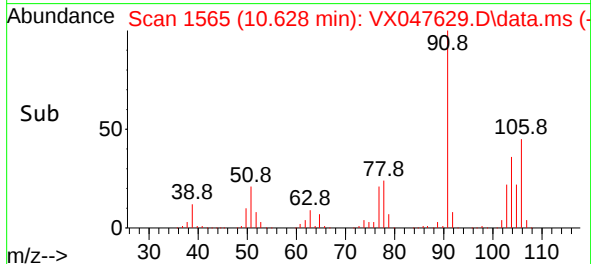
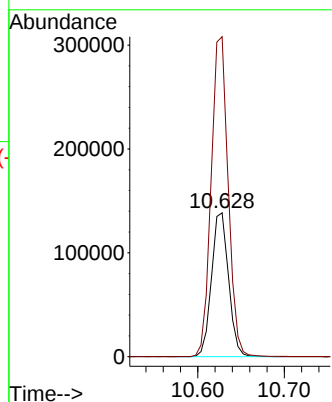
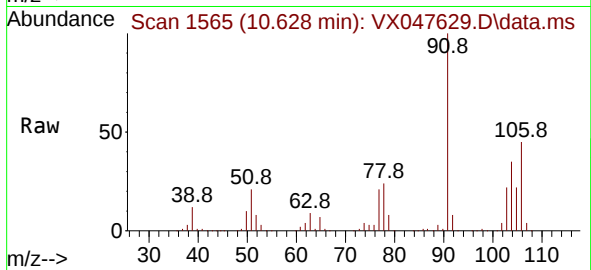
VSTDCCC050EC

Tgt Ion:106 Resp: 189496

Ion Ratio Lower Upper

106 100

91 222.2 111.1 333.4



#70

Styrene

Concen: 51.401 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

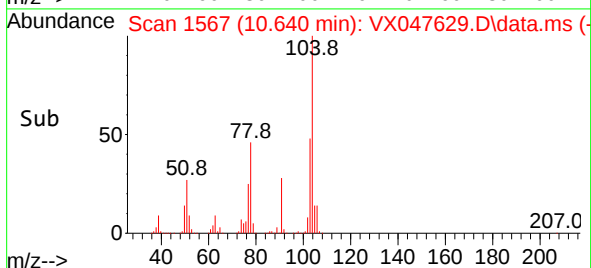
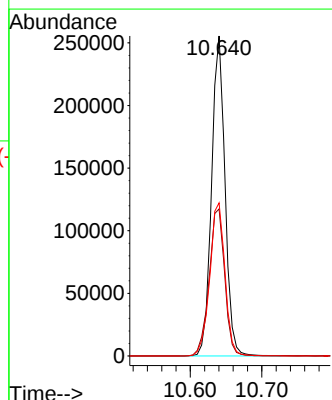
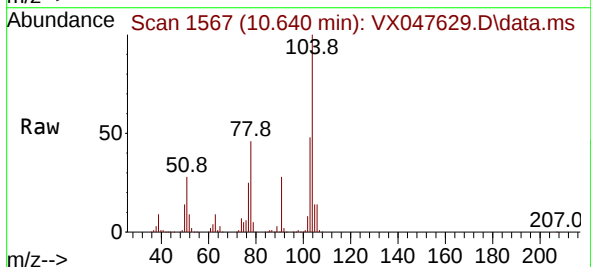
Tgt Ion:104 Resp: 333465

Ion Ratio Lower Upper

104 100

78 53.2 43.1 64.7

103 54.2 43.1 64.7





#71

Bromoform

Concen: 52.869 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

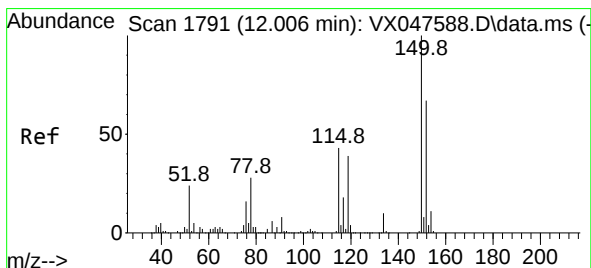
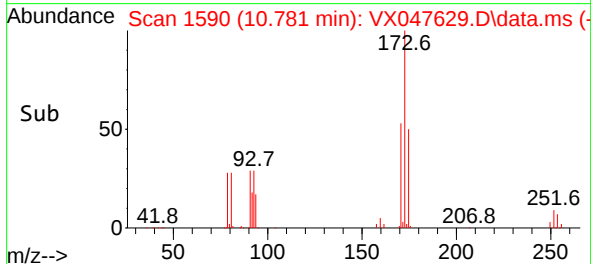
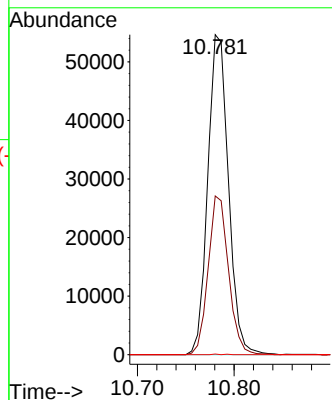
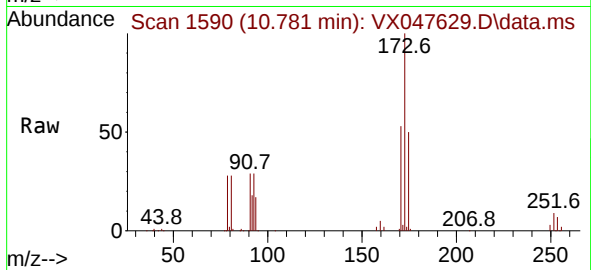
Tgt Ion:173 Resp: 81195

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

254 0.1 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: VX047629.D

Acq: 17 Sep 2025 19:01

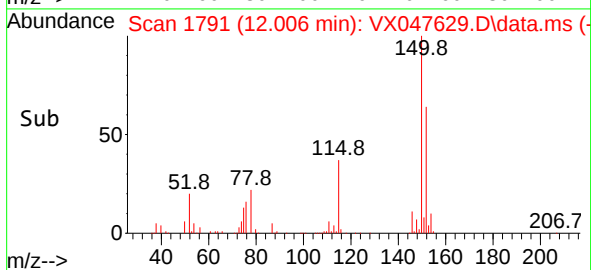
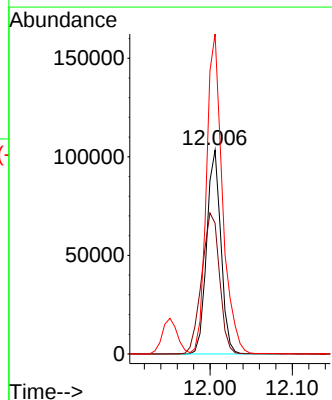
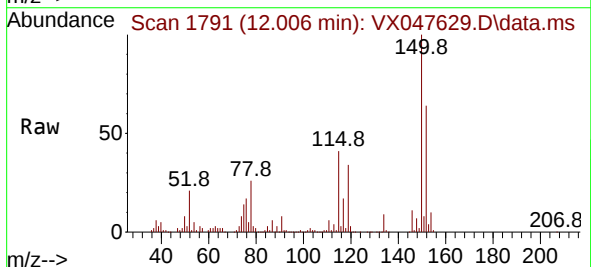
Tgt Ion:152 Resp: 123899

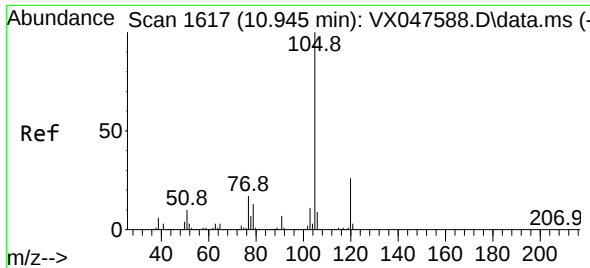
Ion Ratio Lower Upper

152 100

115 87.1 44.9 134.5

150 177.5 0.0 352.0

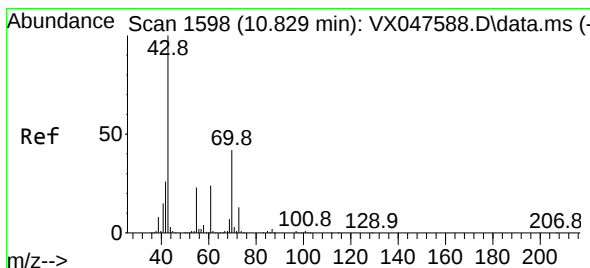
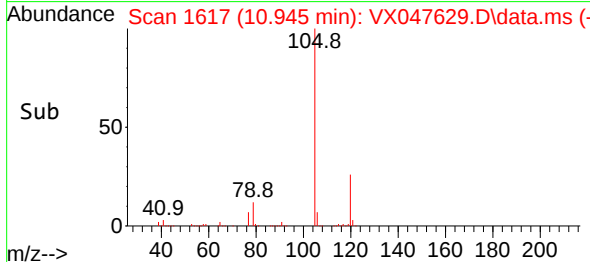
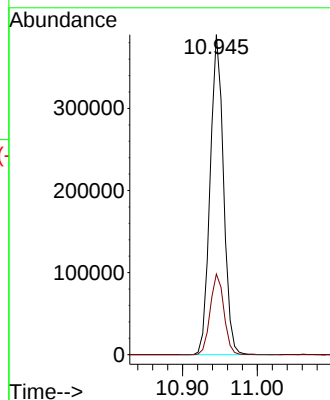
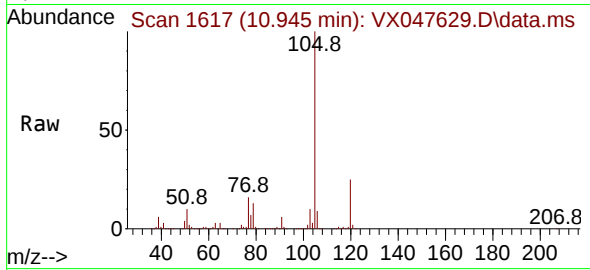




#73
Isopropylbenzene
Concen: 51.323 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

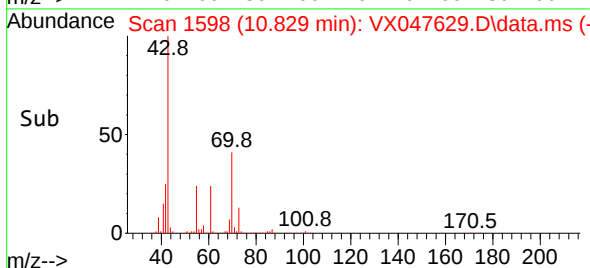
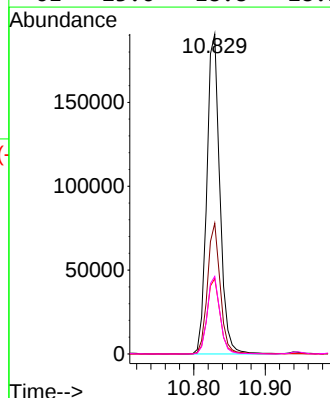
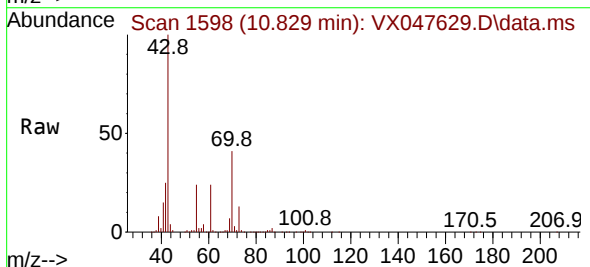
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

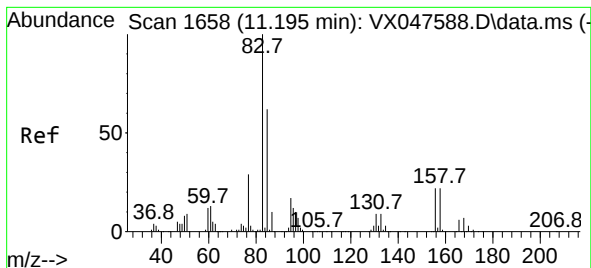
Tgt Ion:105 Resp: 483439
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 56.259 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 43 Resp: 241658
Ion Ratio Lower Upper
43 100
70 40.0 32.0 48.0
55 23.7 18.9 28.3
61 23.6 18.8 28.2

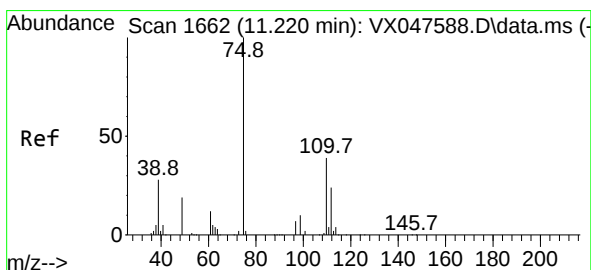
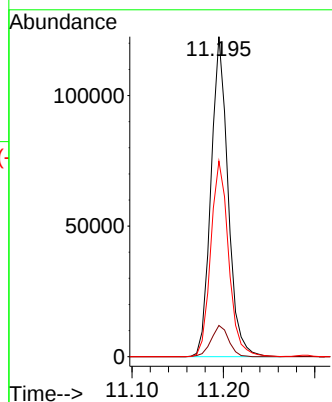
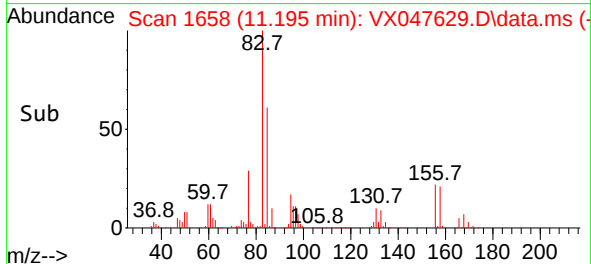
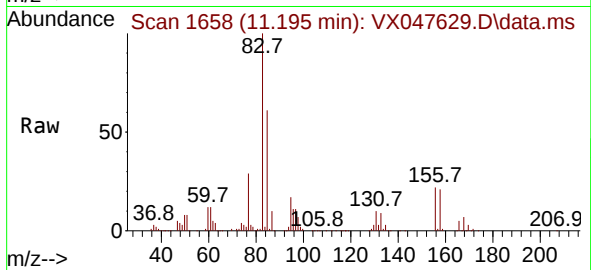




#75
1,1,2-Tetrachloroethane
Concen: 55.582 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

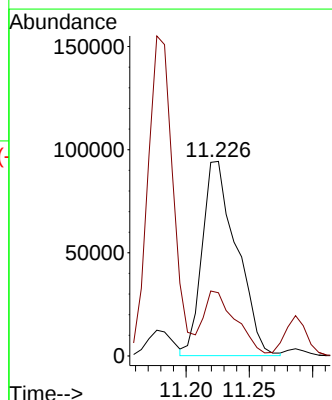
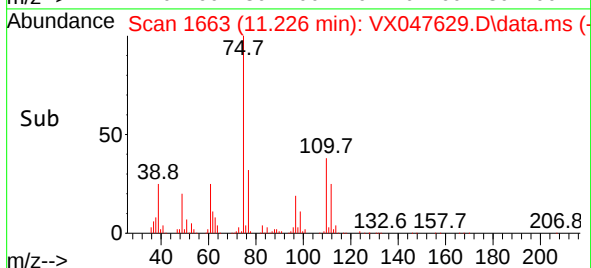
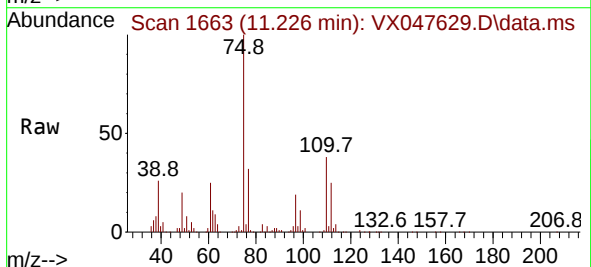
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

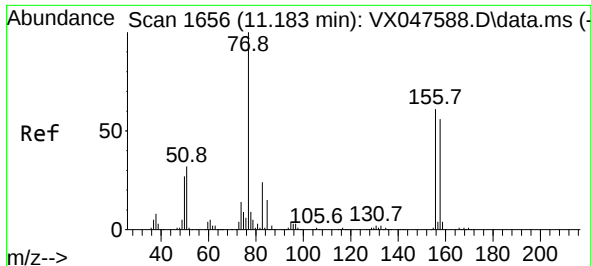
Tgt Ion: 83 Resp: 158402
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.1 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 71.455 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 75 Resp: 179250
Ion Ratio Lower Upper
75 100
77 30.7 18.8 56.4

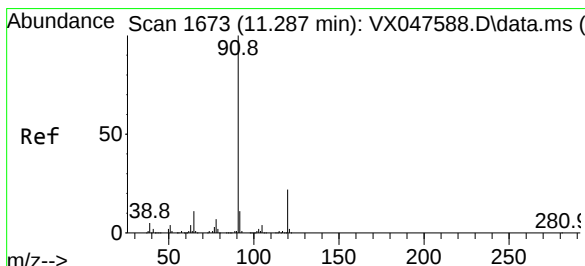
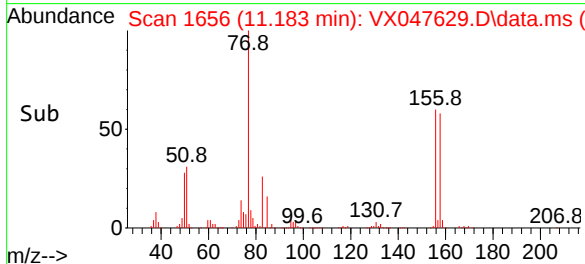
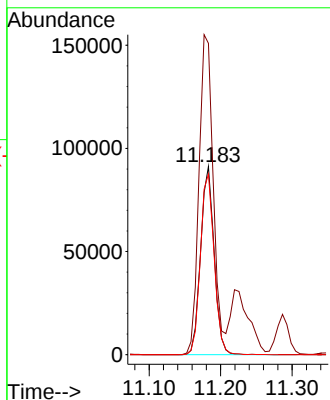
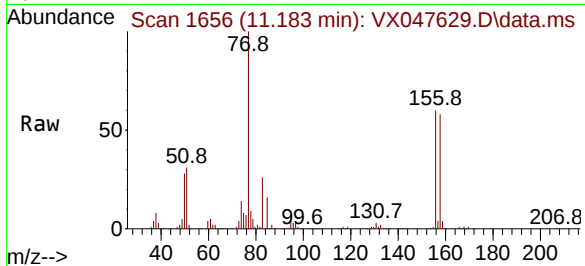




#77
Bromobenzene
Concen: 51.691 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

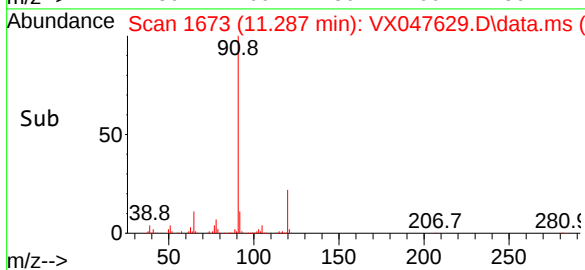
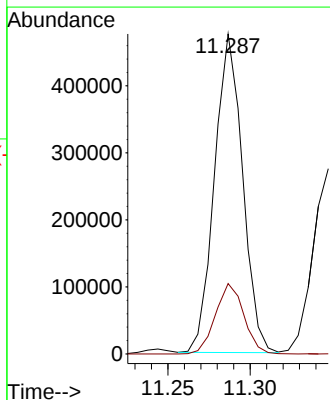
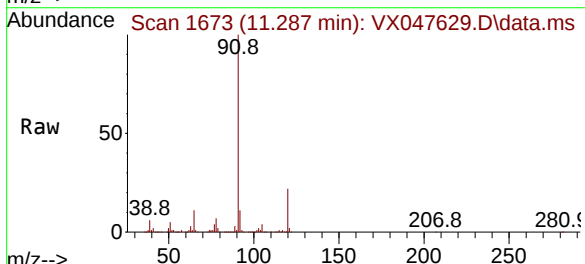
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

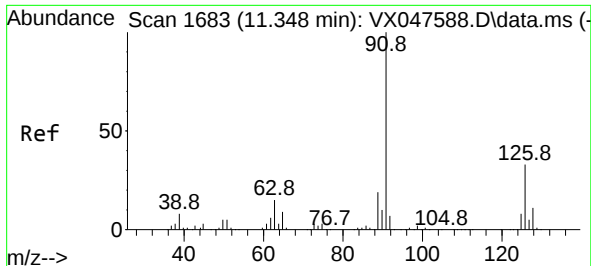
Tgt Ion:156 Resp: 119923
Ion Ratio Lower Upper
156 100
77 180.0 89.7 269.1
158 97.5 47.9 143.6



#78
n-propylbenzene
Concen: 50.641 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 91 Resp: 563896
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.169 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

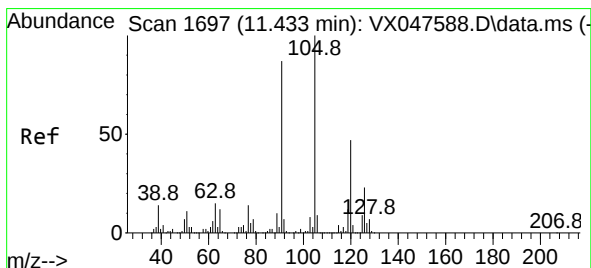
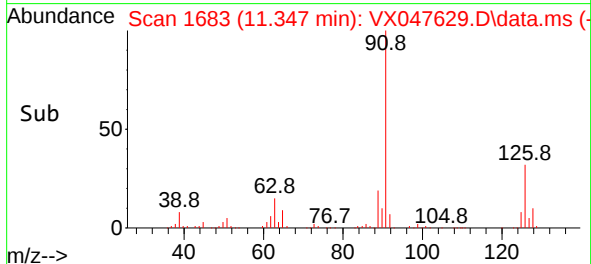
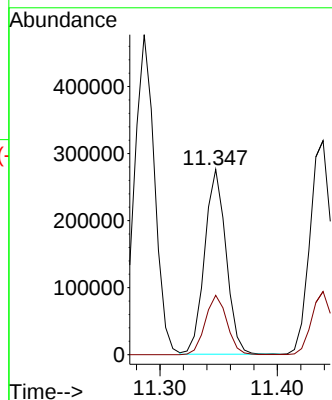
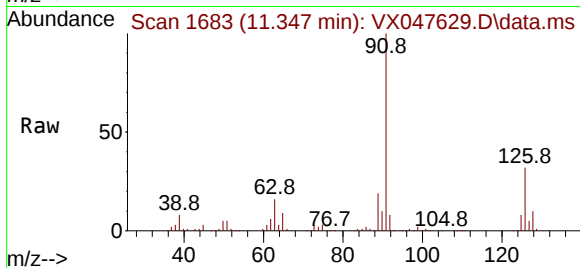
VSTDCCC050EC

Tgt Ion: 91 Resp: 348974

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 51.682 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX047629.D

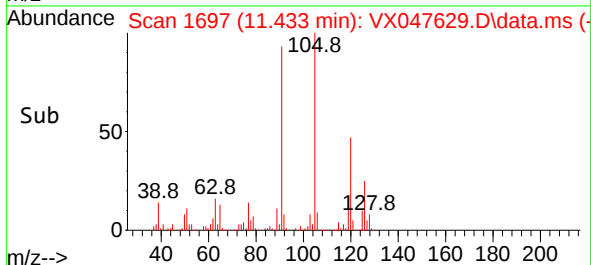
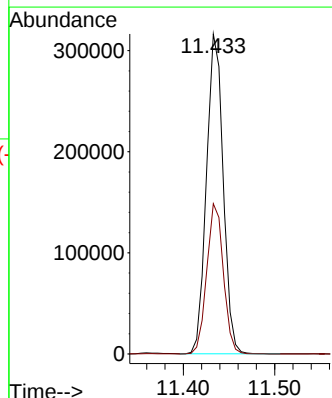
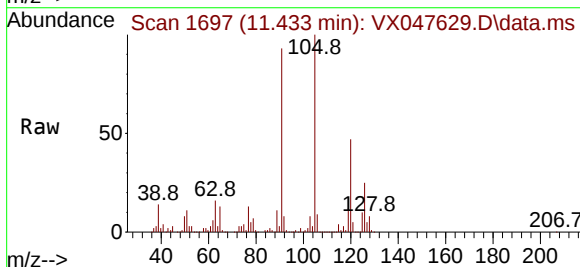
Acq: 17 Sep 2025 19:01

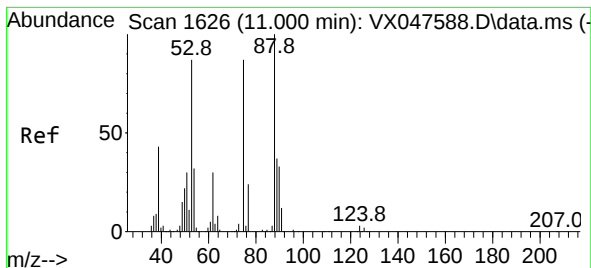
Tgt Ion:105 Resp: 399966

Ion Ratio Lower Upper

105 100

120 46.8 23.6 70.8

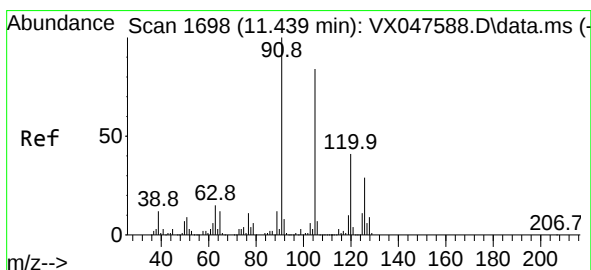
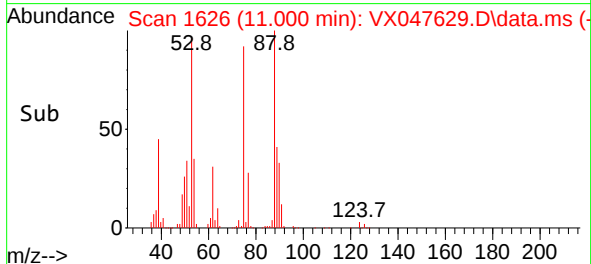
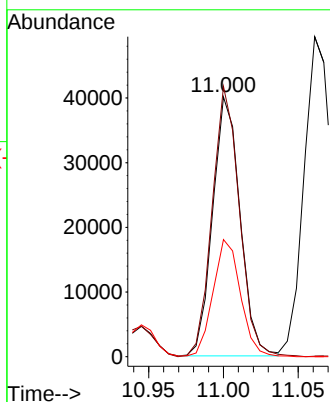
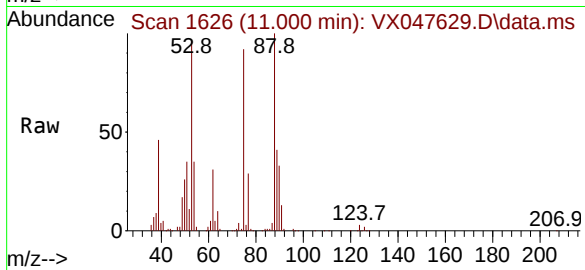




#81
trans-1,4-Dichloro-2-butene
Concen: 51.857 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

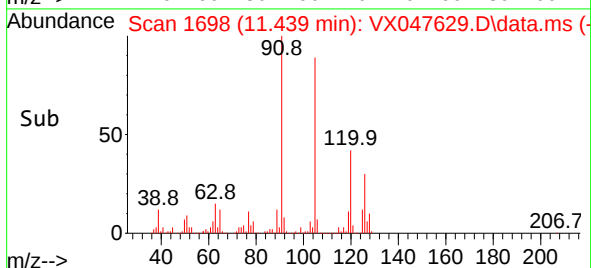
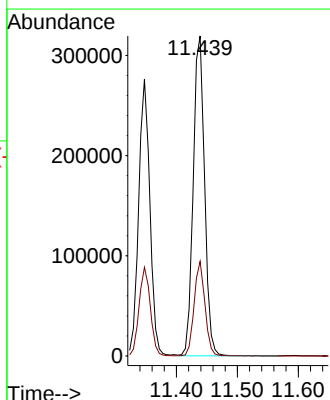
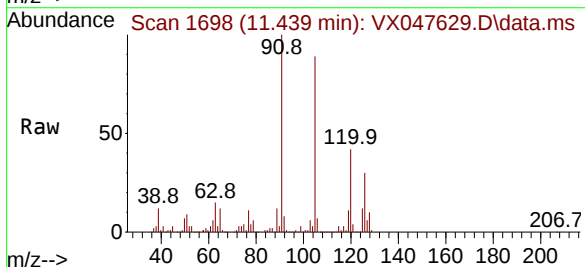
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

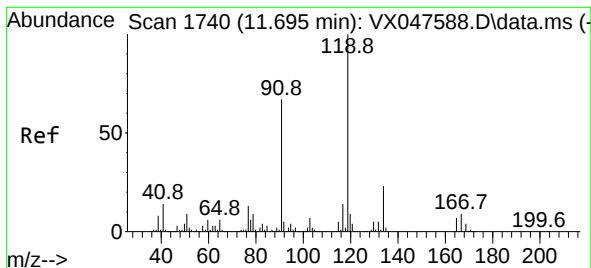
Tgt Ion: 75 Resp: 51012
Ion Ratio Lower Upper
75 100
53 103.6 83.4 125.2
89 45.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.230 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 91 Resp: 412649
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.716 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

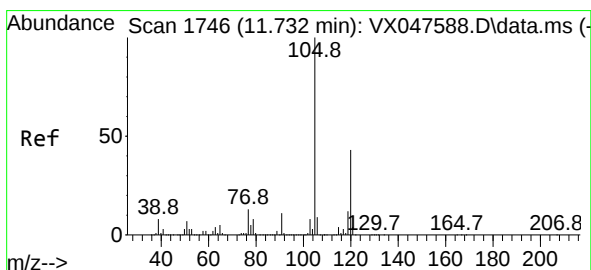
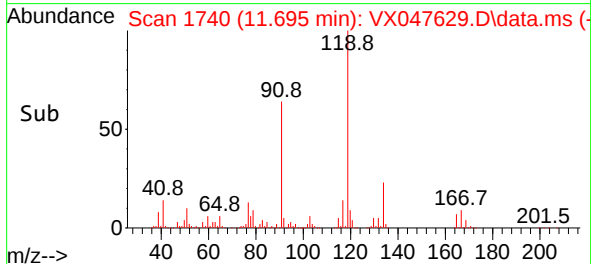
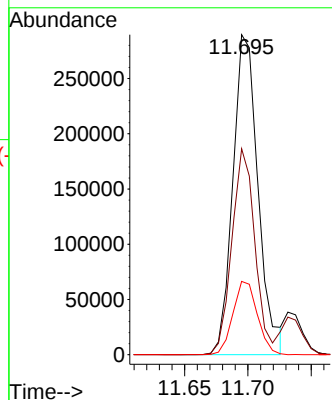
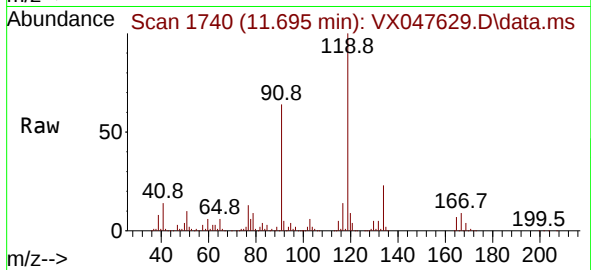
Tgt Ion:119 Resp: 401787

Ion Ratio Lower Upper

119 100

91 58.7 29.6 88.8

134 22.2 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 51.891 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047629.D

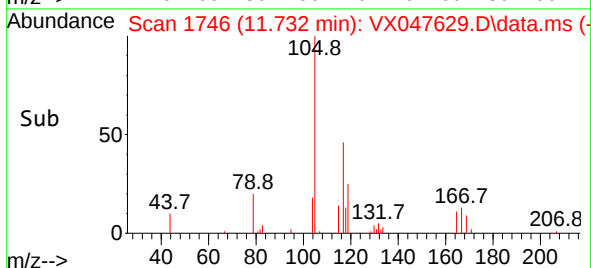
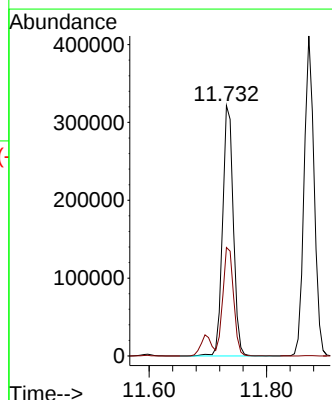
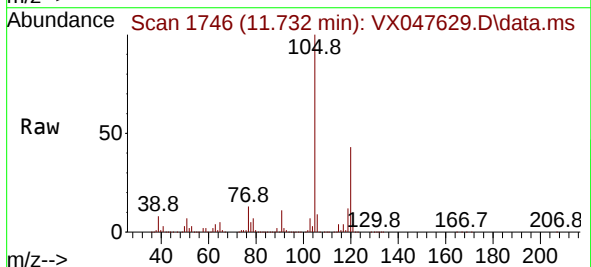
Acq: 17 Sep 2025 19:01

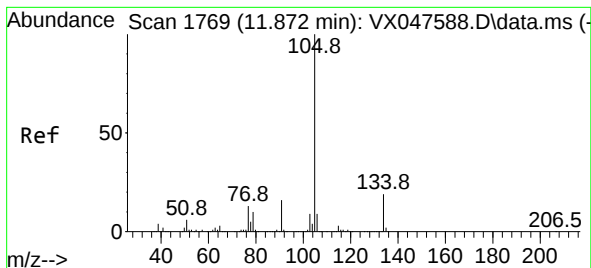
Tgt Ion:105 Resp: 407143

Ion Ratio Lower Upper

105 100

120 43.4 22.1 66.1

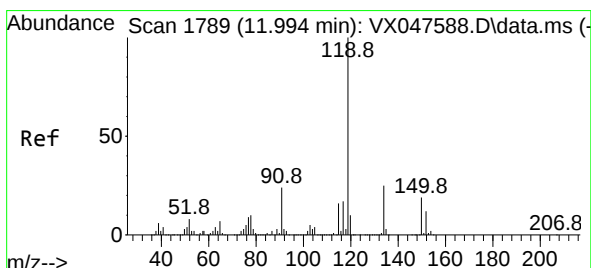
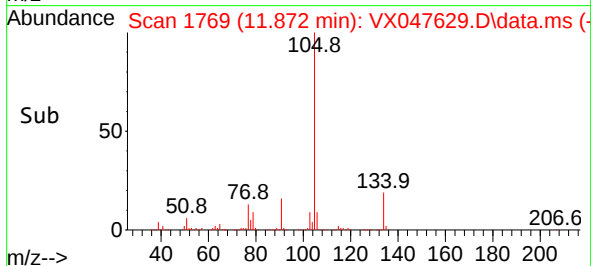
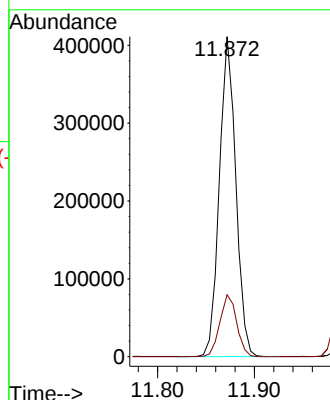
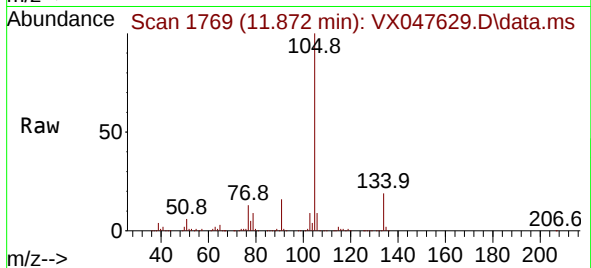




#85
 sec-Butylbenzene
 Concen: 51.394 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

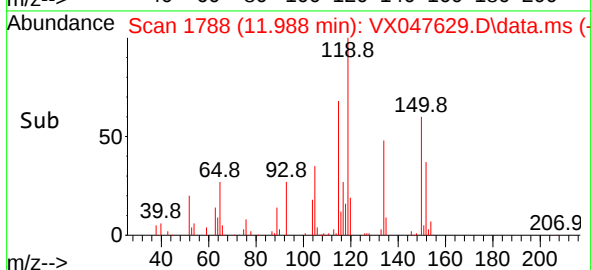
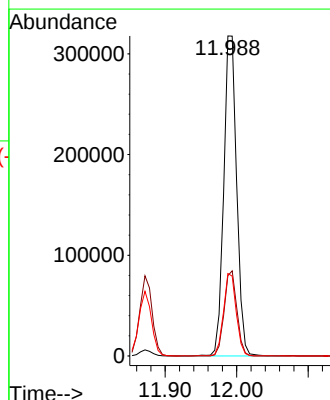
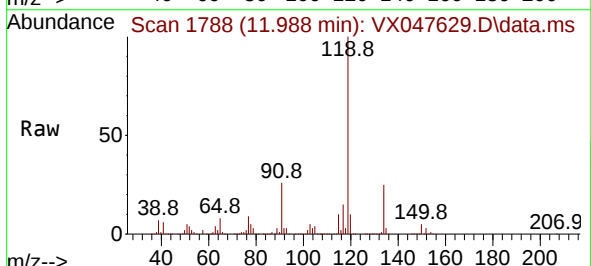
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

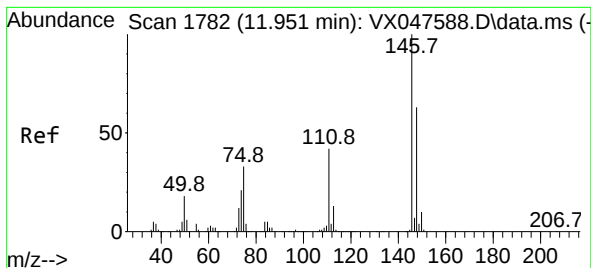
Tgt Ion:105 Resp: 483624
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.196 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047629.D
 Acq: 17 Sep 2025 19:01

Tgt Ion:119 Resp: 399889
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.4 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 51.097 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

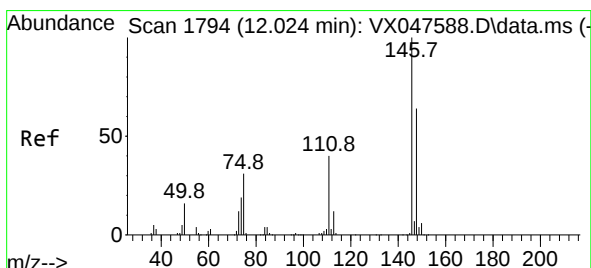
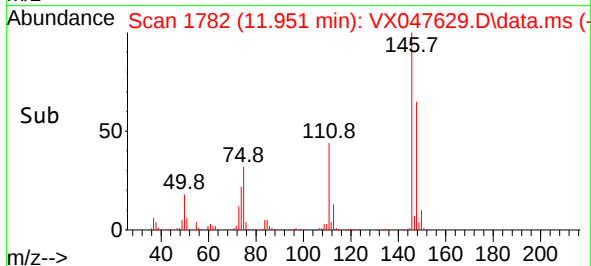
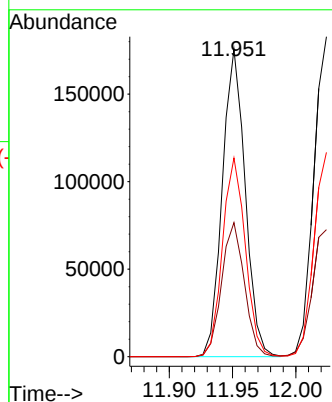
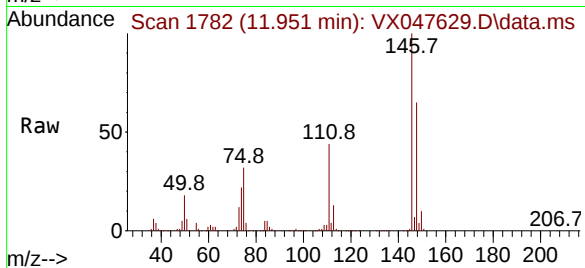
Tgt Ion:146 Resp: 220186

Ion Ratio Lower Upper

146 100

111 43.6 21.5 64.5

148 64.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.527 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

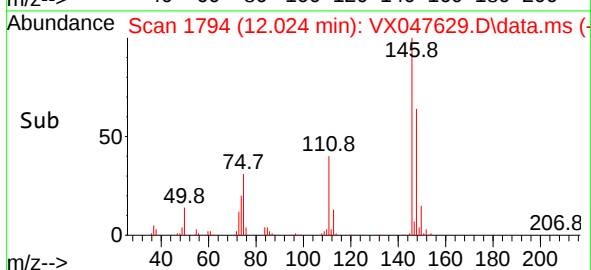
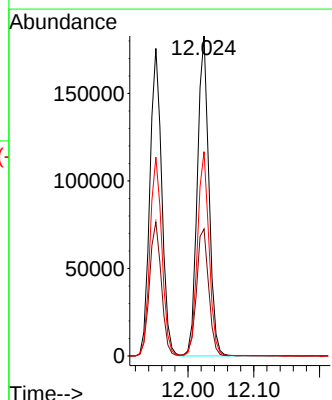
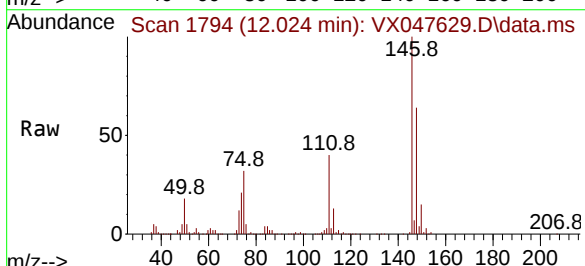
Tgt Ion:146 Resp: 223463

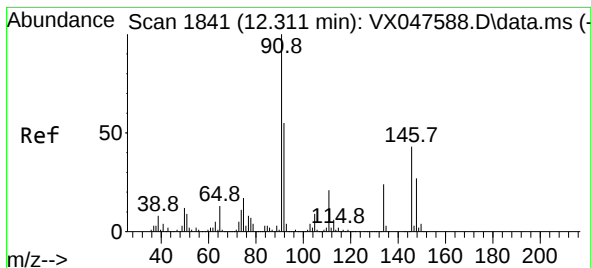
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 50.449 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

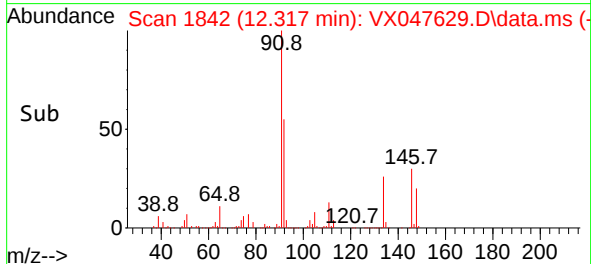
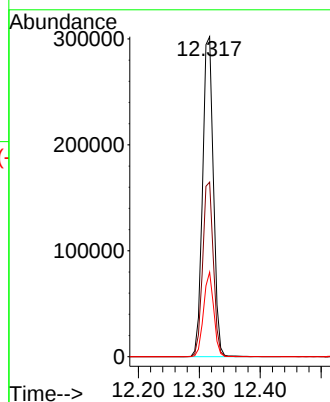
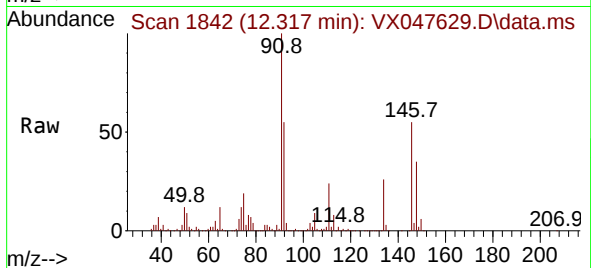
Tgt Ion: 91 Resp: 371883

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 50.939 ug/l

RT: 12.524 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VX047629.D

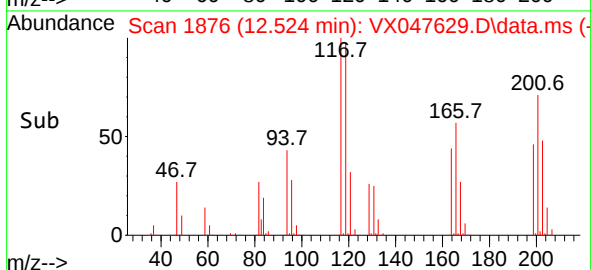
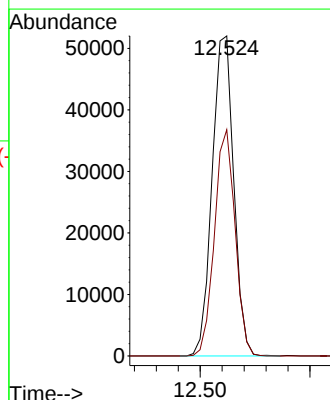
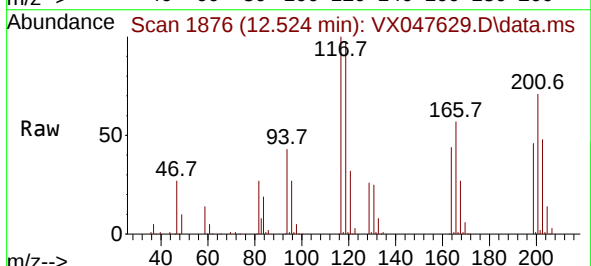
Acq: 17 Sep 2025 19:01

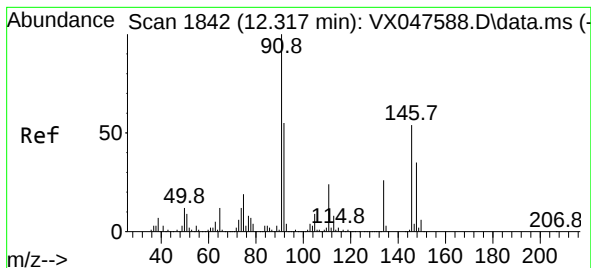
Tgt Ion: 117 Resp: 71248

Ion Ratio Lower Upper

117 100

201 67.6 34.2 102.5

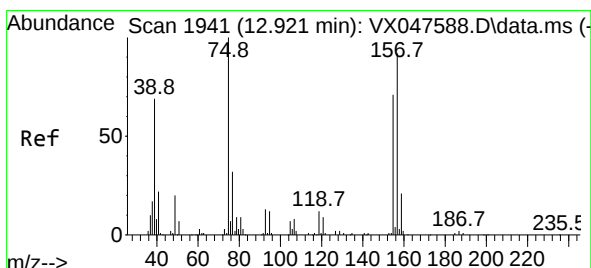
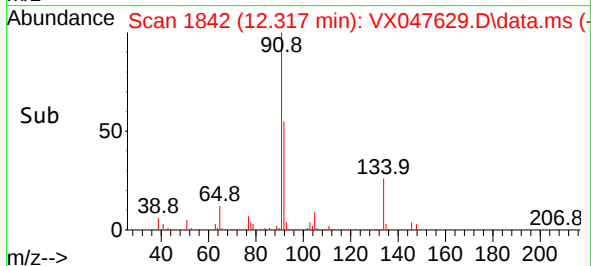
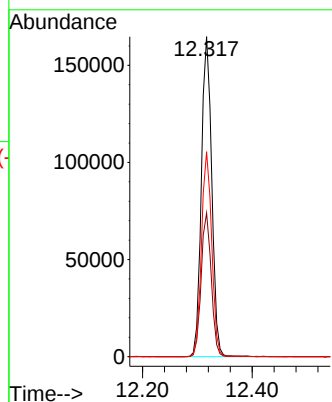
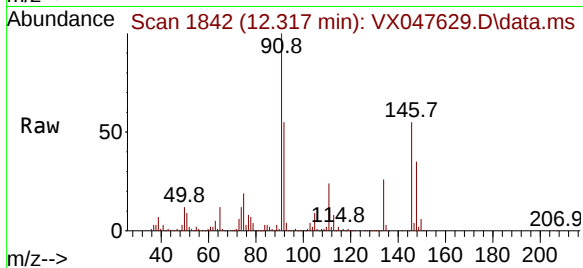




#91
1,2-Dichlorobenzene
Concen: 52.758 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

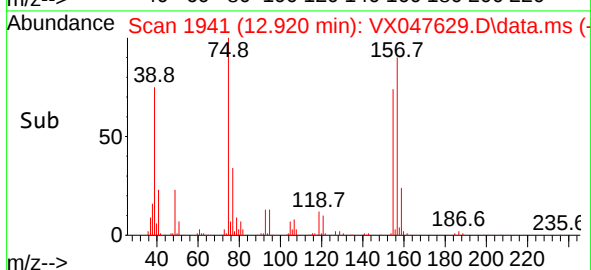
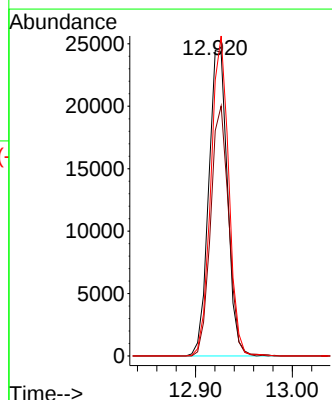
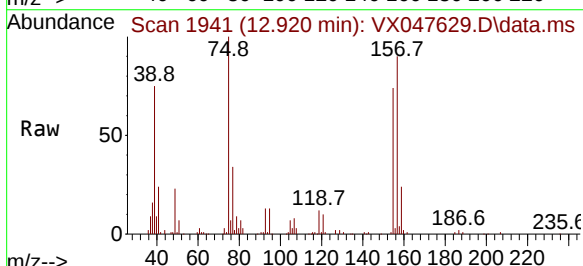
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 216591
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.378 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047629.D
Acq: 17 Sep 2025 19:01

Tgt Ion: 75 Resp: 33107
Ion Ratio Lower Upper
75 100
155 78.1 37.7 113.1
157 99.0 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 51.581 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

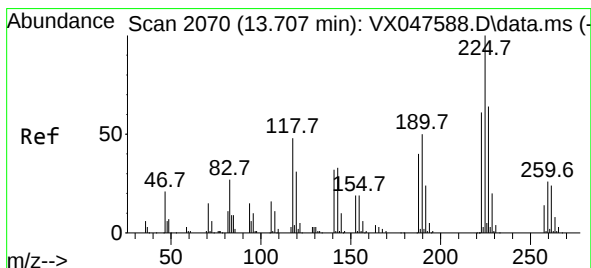
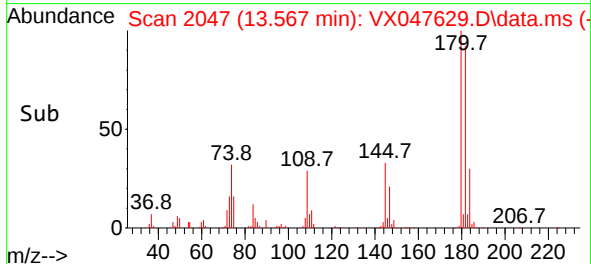
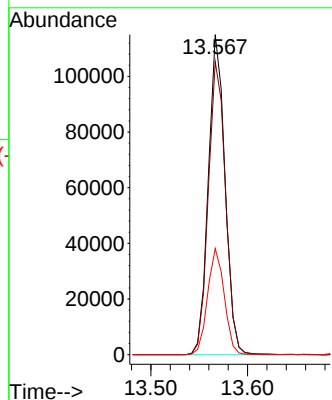
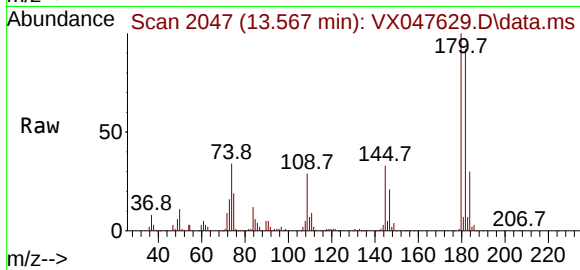
Tgt Ion:180 Resp: 137625

Ion Ratio Lower Upper

180 100

182 94.5 46.6 139.8

145 33.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 50.094 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

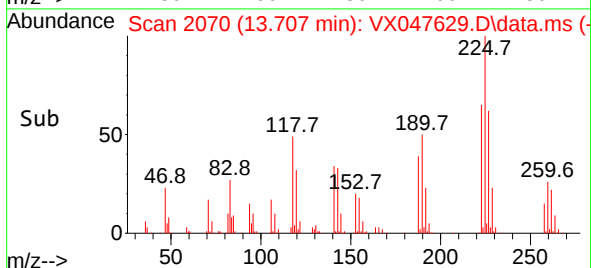
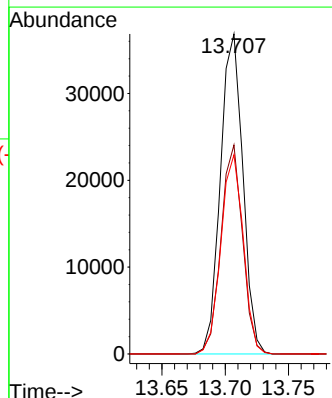
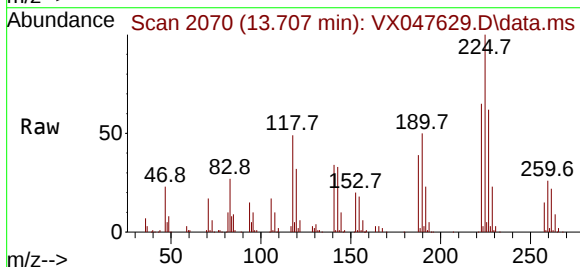
Tgt Ion:225 Resp: 45399

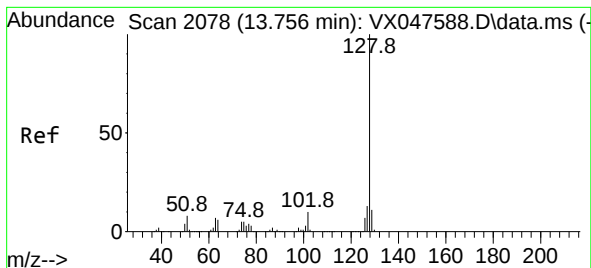
Ion Ratio Lower Upper

225 100

223 62.9 31.7 95.1

227 62.0 32.0 96.0





#95

Naphthalene

Concen: 56.148 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

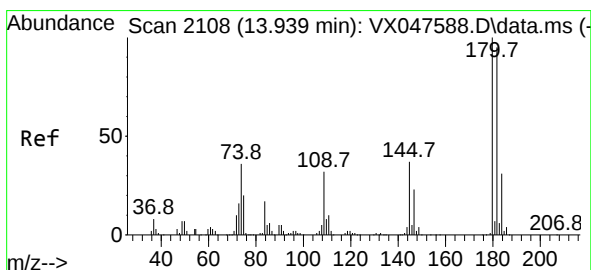
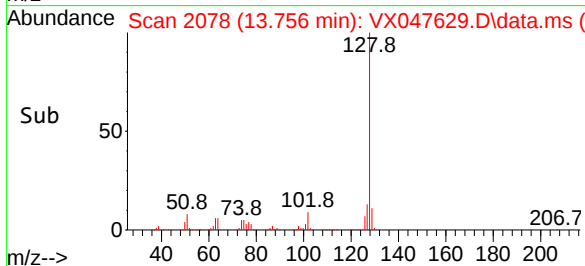
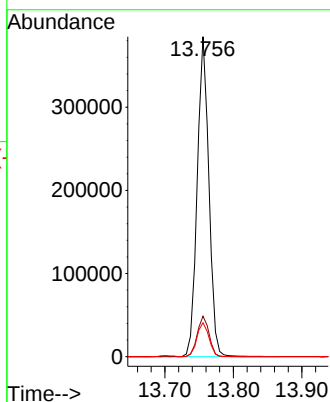
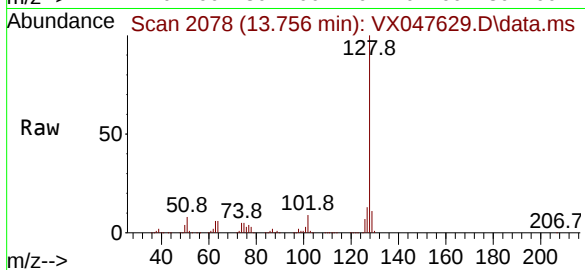
Tgt Ion:128 Resp: 456177

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.618 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047629.D

Acq: 17 Sep 2025 19:01

Tgt Ion:180 Resp: 133075

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 34.5 17.9 53.7

