

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047586.D
 Acq On : 16 Sep 2025 10:16
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 22 01:48:02 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	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	11.100%#
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.620%#
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.860%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 22 01:48:02 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)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l	95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l	99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l	99
44) Trichloroethene	7.111	130	13576	5.314	ug/l	97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l	99
46) Dibromomethane	7.568	93	10133	5.146	ug/l	99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l	99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l	99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l #	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l	100
52) Toluene	8.702	92	34314	5.271	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l	91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l	97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l	98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l	99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l	95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l	98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l	97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l	99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l	100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l	99
69) o-Xylene	10.628	106	23300	5.204	ug/l	98
70) Styrene	10.640	104	40872	5.210	ug/l	99
71) Bromoform	10.781	173	9298	5.006	ug/l #	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l	100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	18494	5.847	ug/l	96
77) Bromobenzene	11.183	156	15066	5.150	ug/l	99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l	100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l	91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l	100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l	100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l	99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l	93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l	99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l	98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l	99
95) Naphthalene	13.756	128	49257	4.808	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l	97

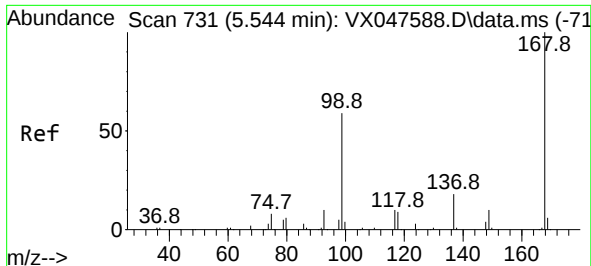
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 22 01:48:02 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)
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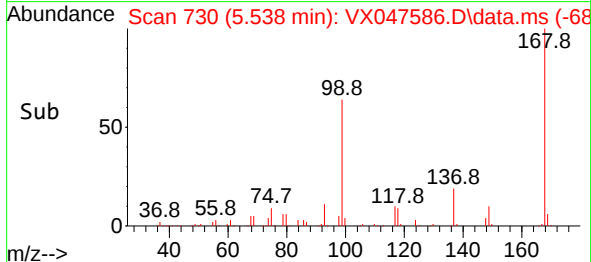
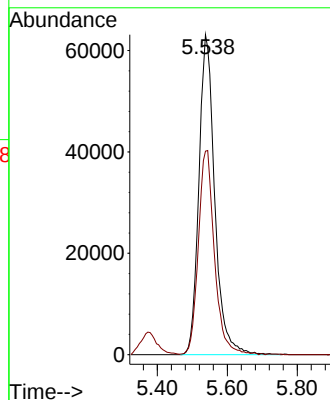
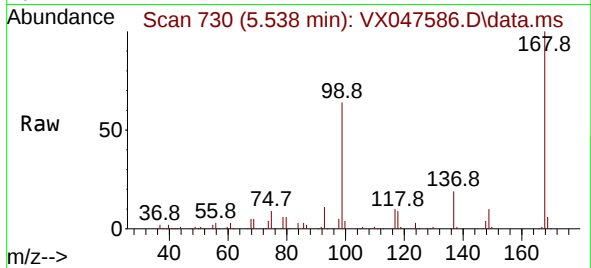
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

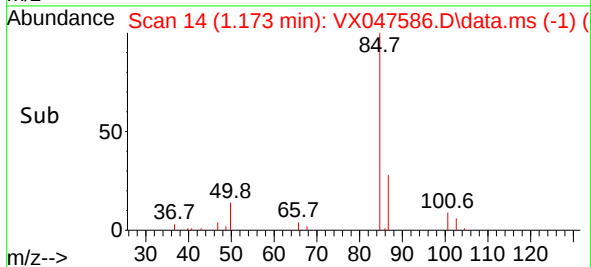
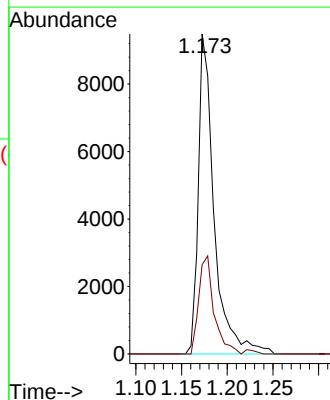
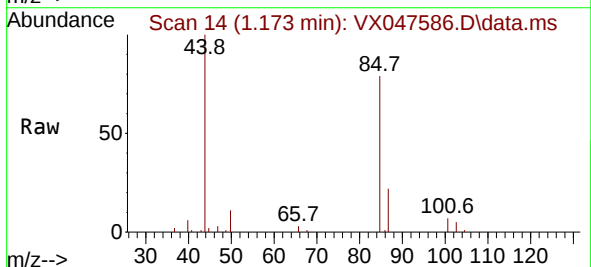
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

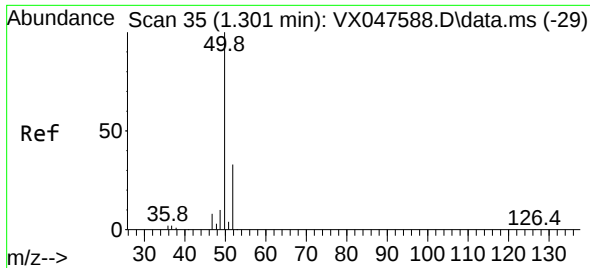
Tgt Ion:168 Resp: 198376
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403
Ion Ratio Lower Upper
85 100
87 27.9 15.8 47.3

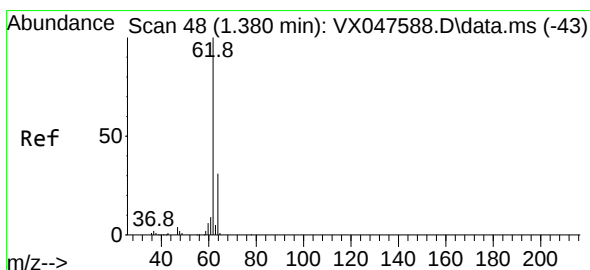
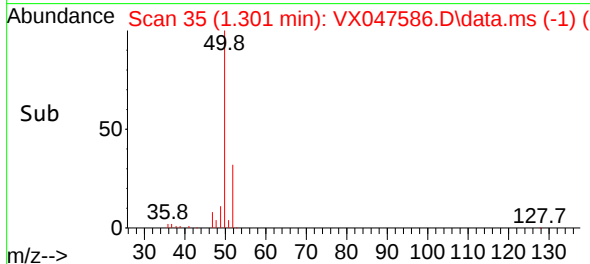
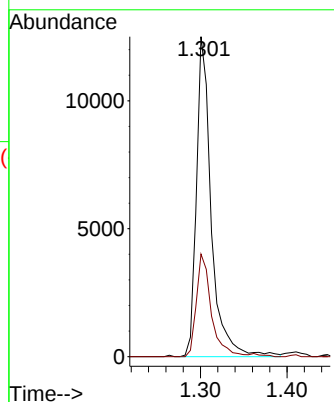
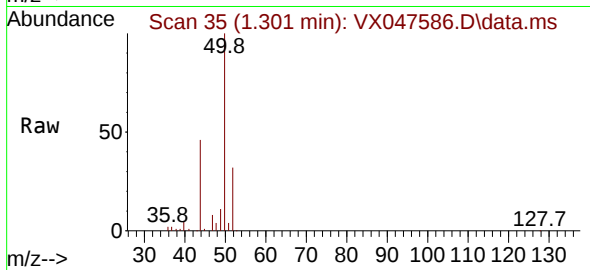




#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

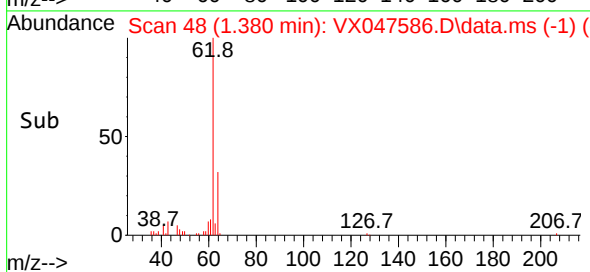
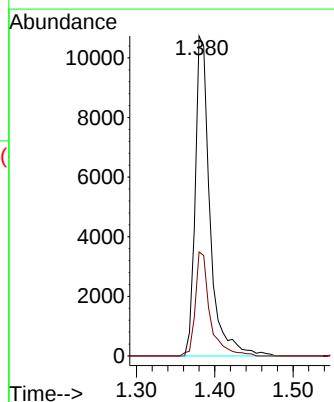
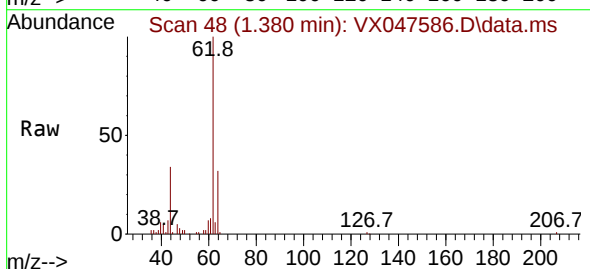
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

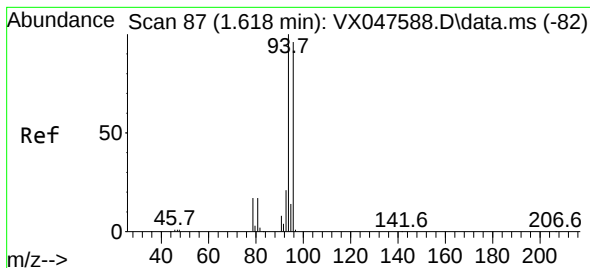
Tgt Ion: 50 Resp: 14854
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1



#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3

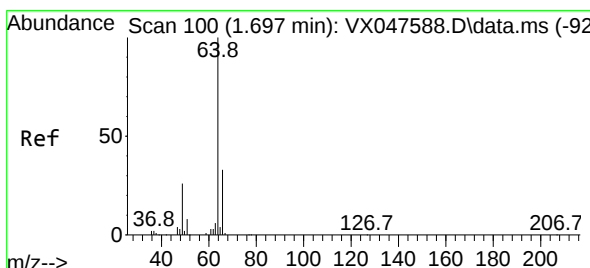
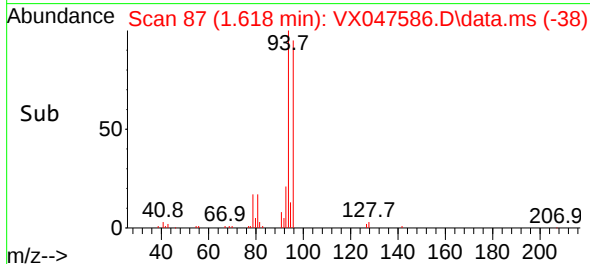
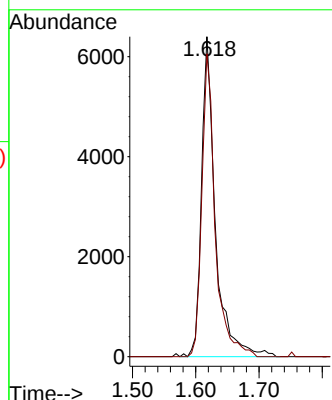
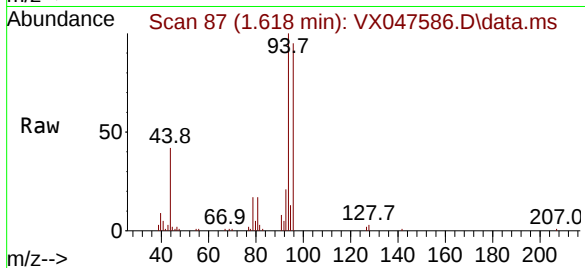




#5
 Bromomethane
 Concen: 5.836 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

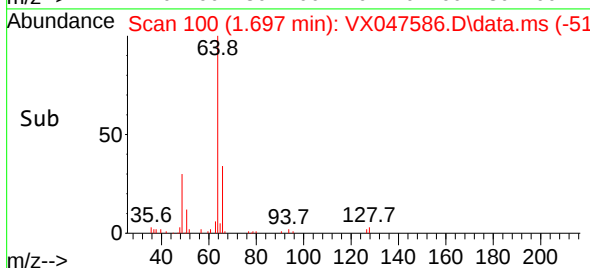
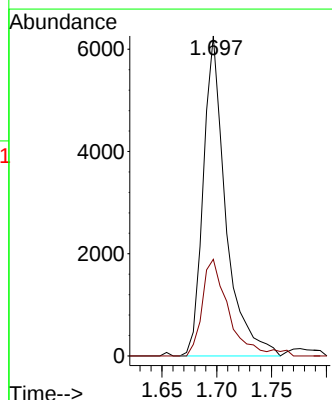
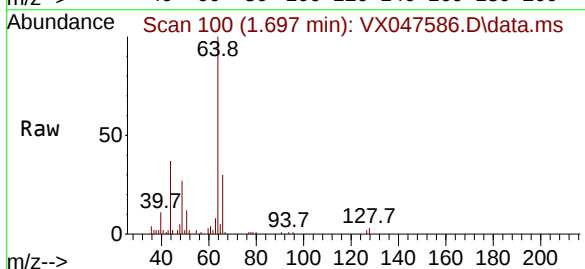
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 94 Resp: 9780
 Ion Ratio Lower Upper
 94 100
 96 83.6 76.6 115.0



#6
 Chloroethane
 Concen: 5.053 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926
 Ion Ratio Lower Upper
 64 100
 66 30.2 26.1 39.1

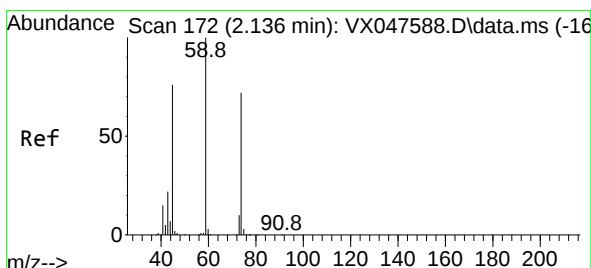
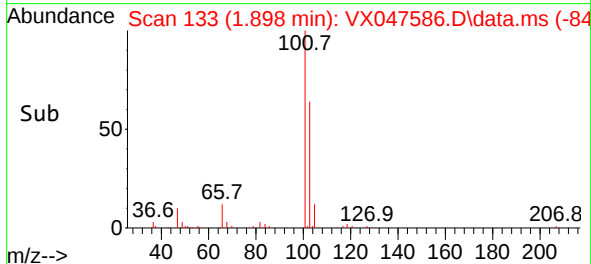
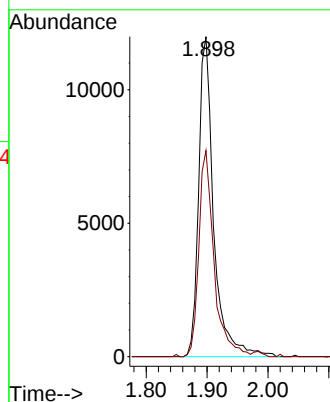
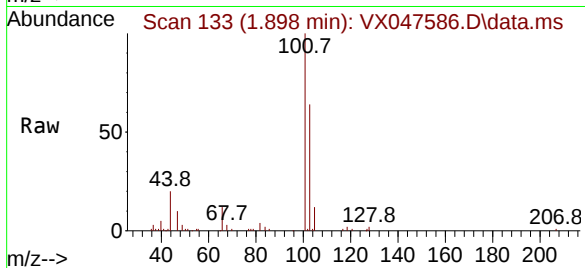




#7
 Trichlorofluoromethane
 Concen: 5.223 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

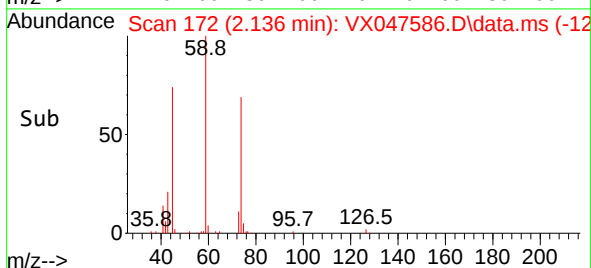
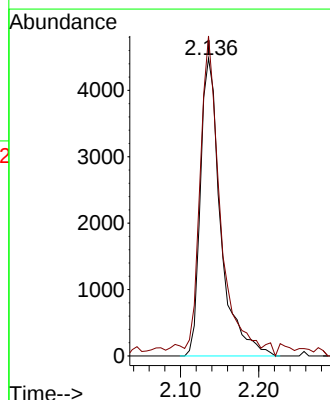
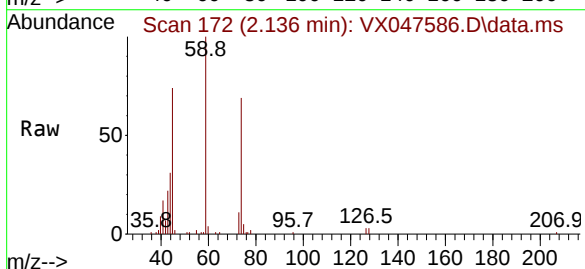
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 20497
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 5.008 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039
 Ion Ratio Lower Upper
 74 100
 45 111.7 52.3 156.8

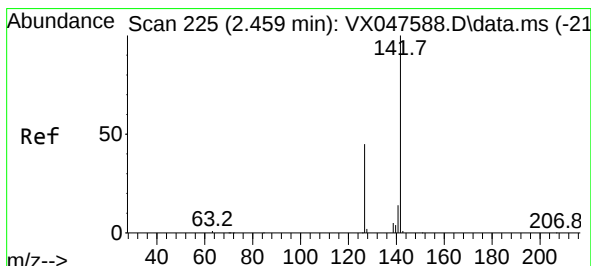
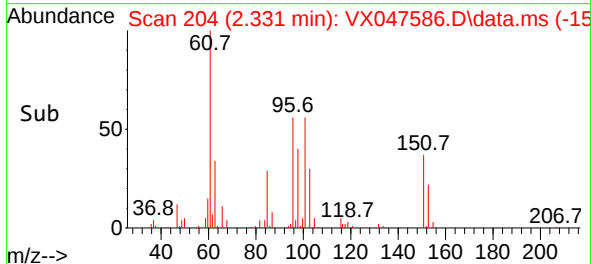
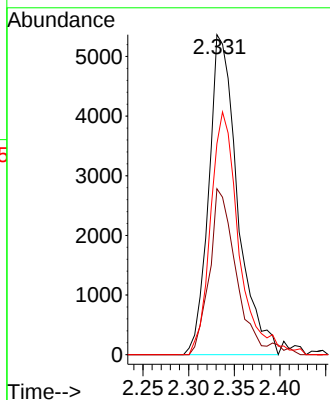
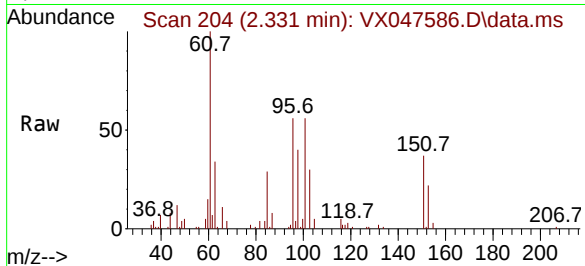




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047586.D
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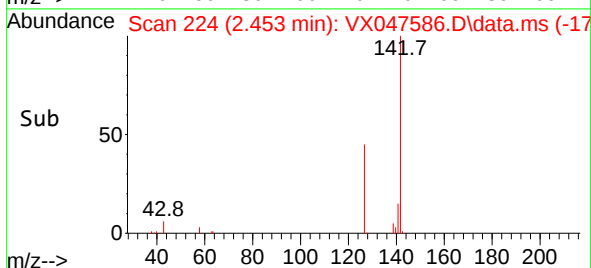
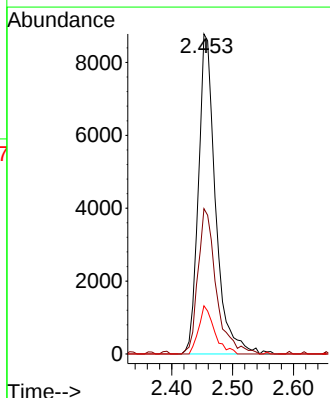
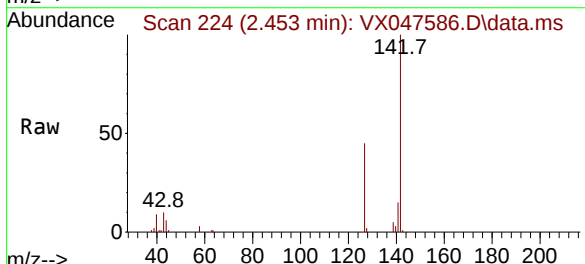
Instrument :
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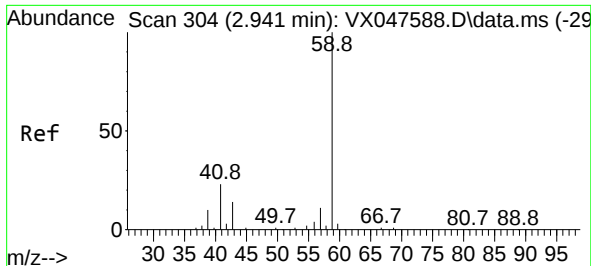
Tgt Ion:101 Resp: 11729
Ion Ratio Lower Upper
101 100
85 47.5 35.5 53.3
151 75.0 59.4 89.0



#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:142 Resp: 17159
Ion Ratio Lower Upper
142 100
127 48.4 37.2 55.8
141 13.8 11.4 17.0

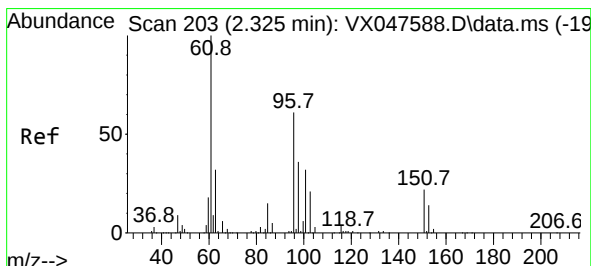
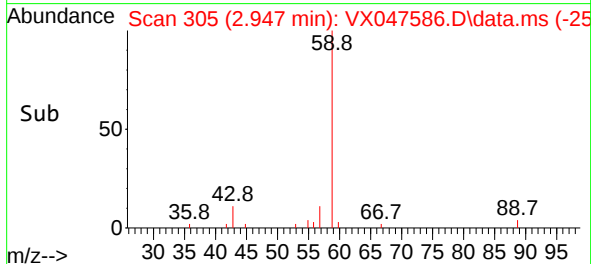
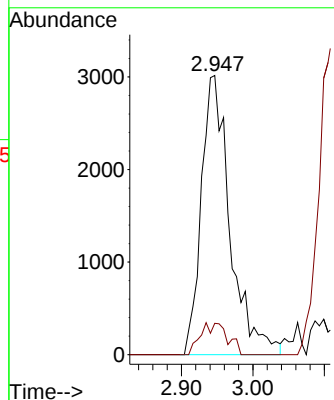
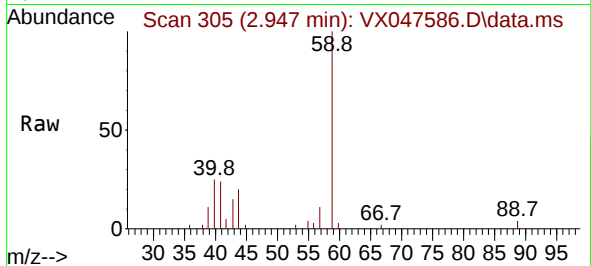




#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

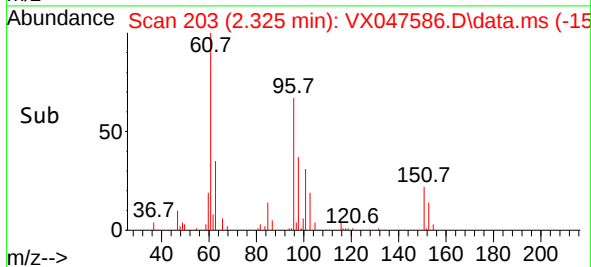
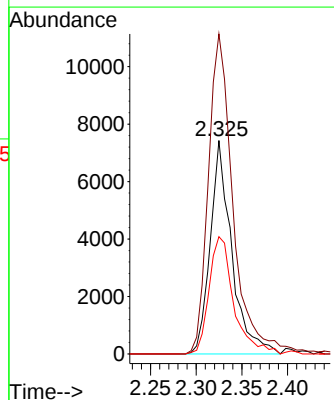
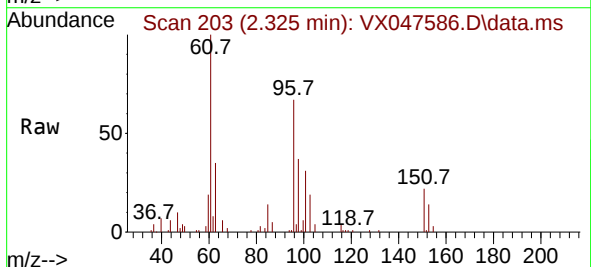
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

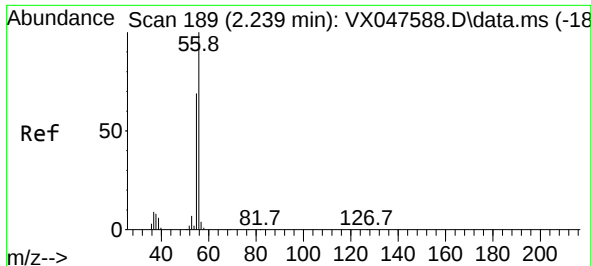
Tgt Ion: 59 Resp: 8399
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 12131
Ion Ratio Lower Upper
96 100
61 149.9 131.0 196.6
98 54.9 47.7 71.5

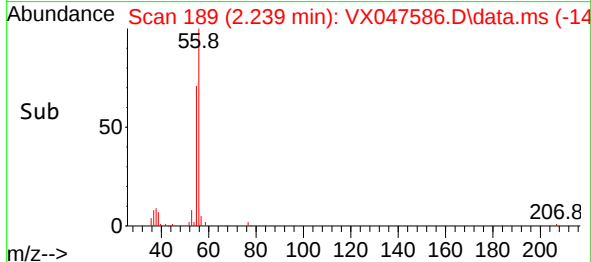
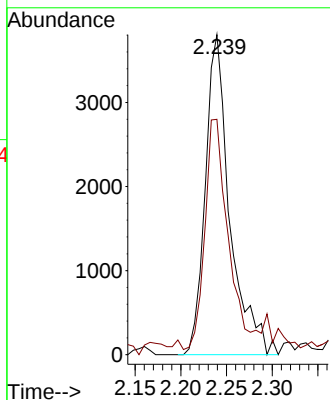
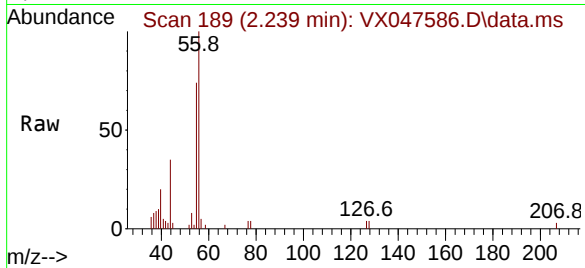




#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

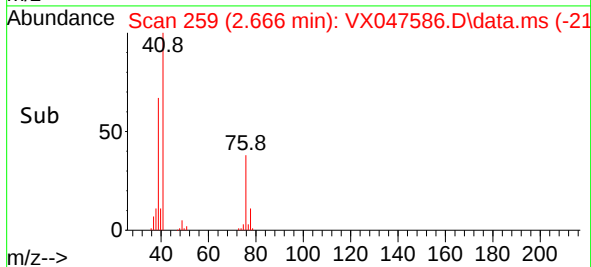
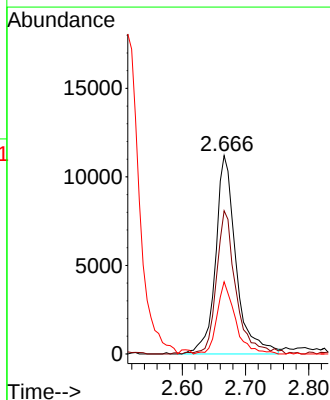
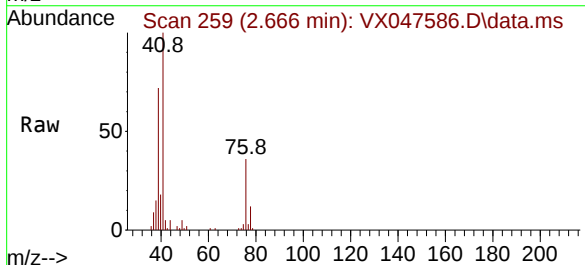
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

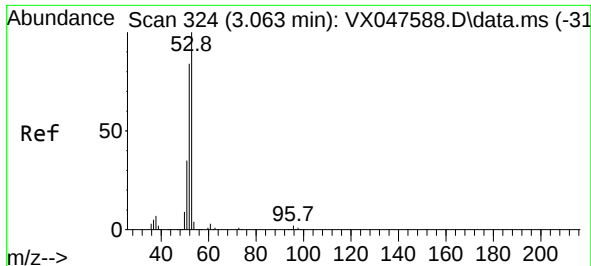
Tgt Ion: 56 Resp: 7080
Ion Ratio Lower Upper
56 100
55 67.1 57.2 85.8



#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 25135
Ion Ratio Lower Upper
41 100
39 69.1 54.7 82.1
76 32.4 25.7 38.5

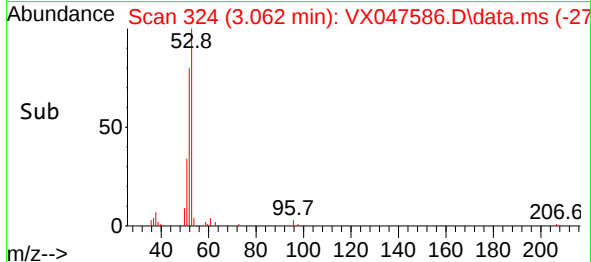
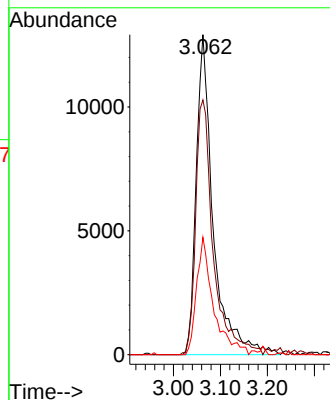
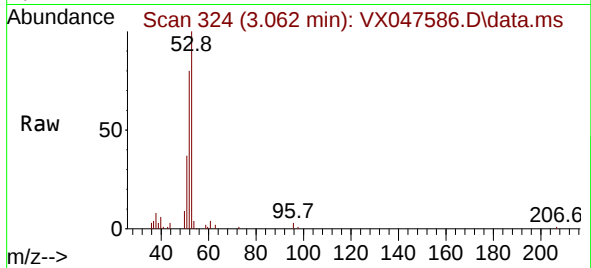




#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

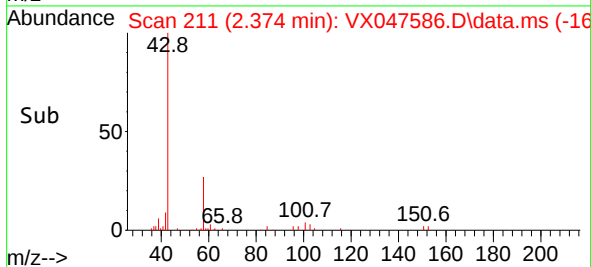
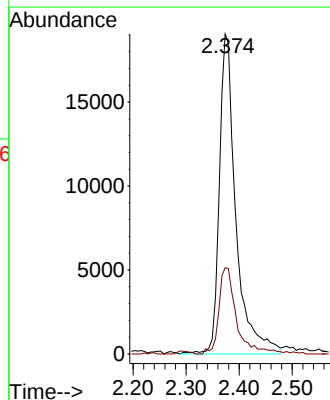
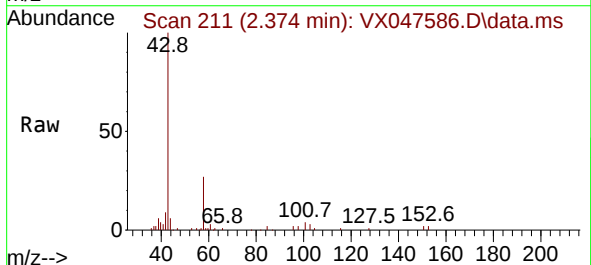
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

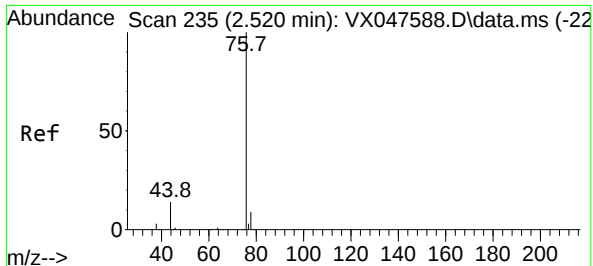
Tgt Ion: 53 Resp: 32587
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.5 29.5 44.3



#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297
Ion Ratio Lower Upper
43 100
58 27.6 23.4 35.0

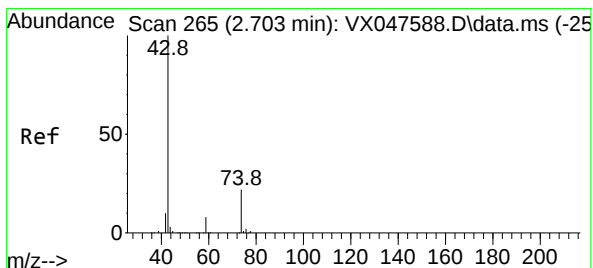
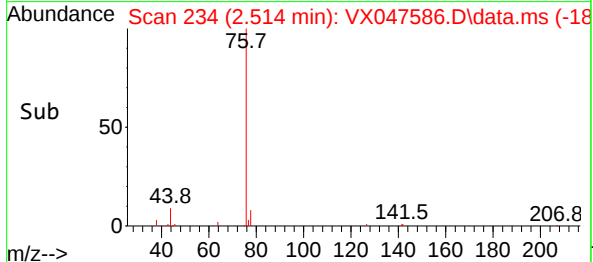
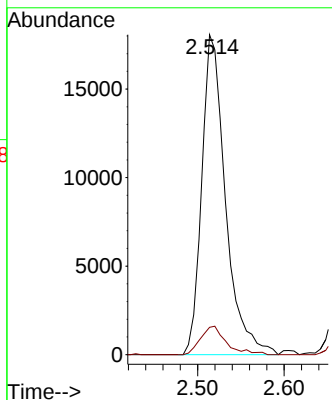
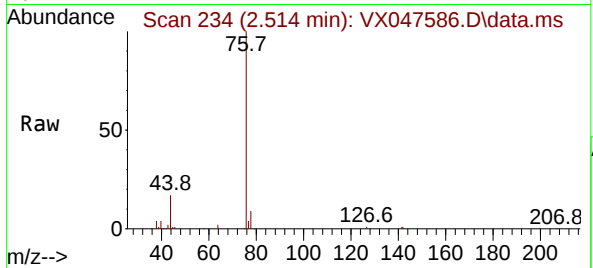




#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

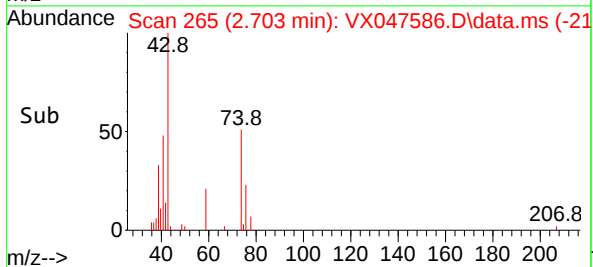
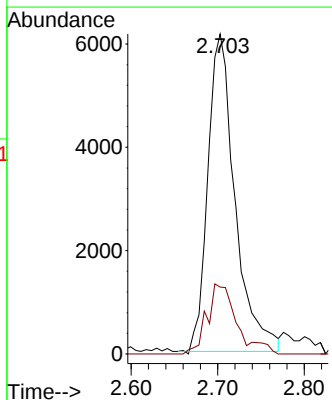
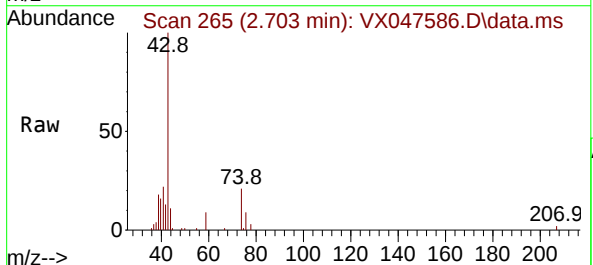
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

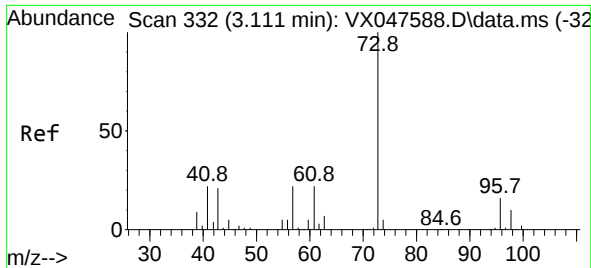
Tgt Ion: 76 Resp: 34426
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.2

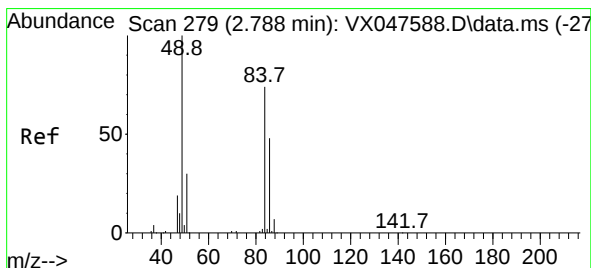
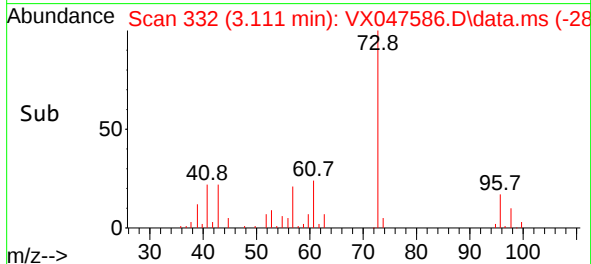
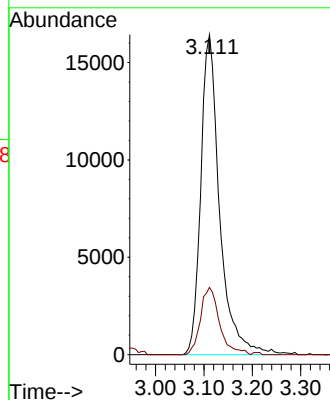
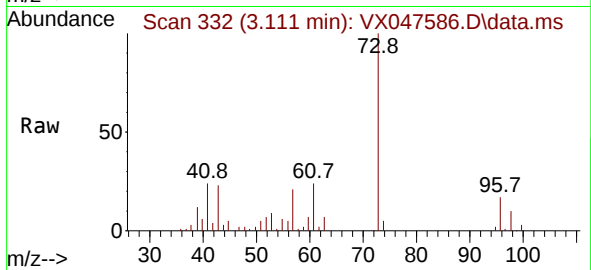




#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

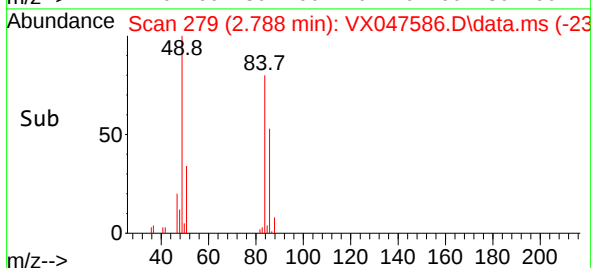
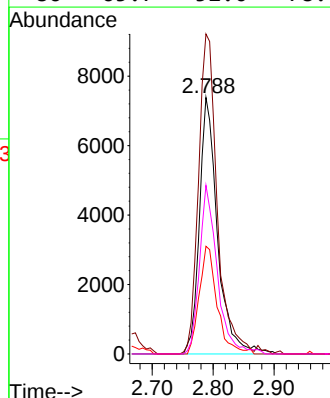
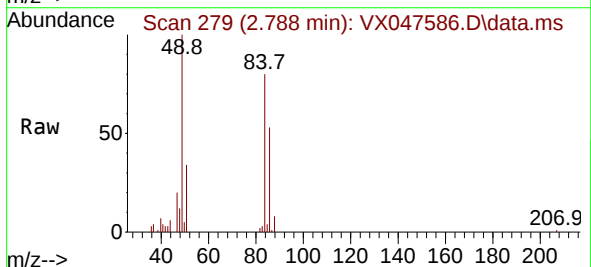
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

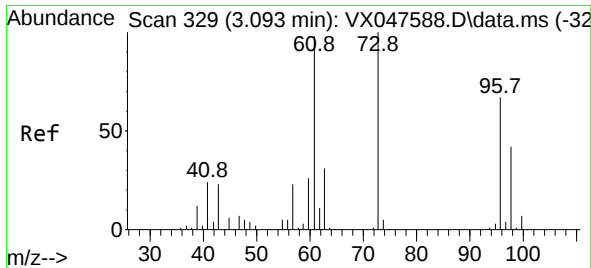
Tgt Ion: 73 Resp: 44396
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2



#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 84 Resp: 15307
Ion Ratio Lower Upper
84 100
49 124.7 108.6 162.8
51 42.0 32.6 48.8
86 65.7 52.0 78.0

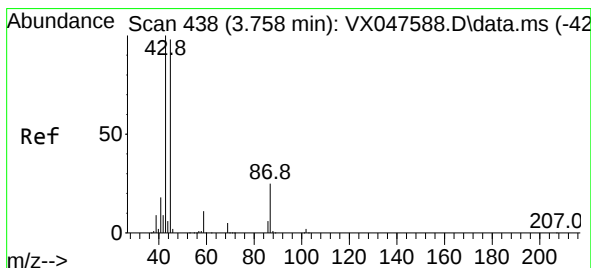
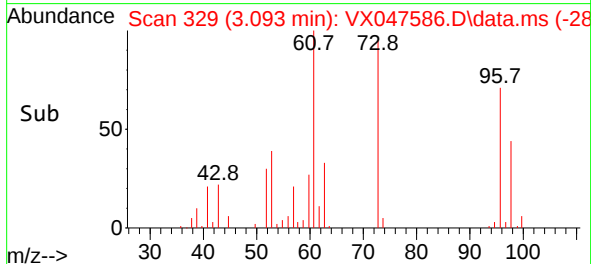
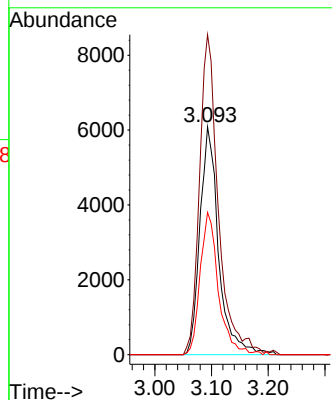
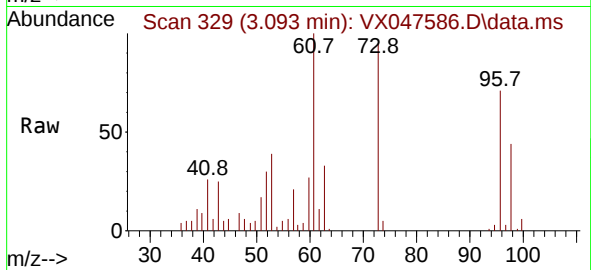




#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

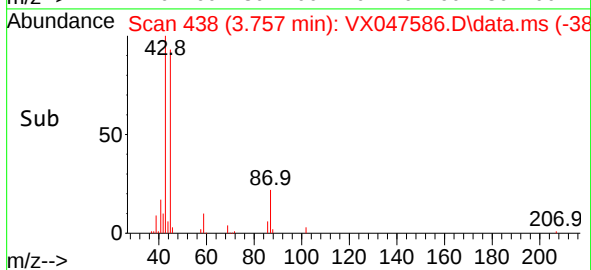
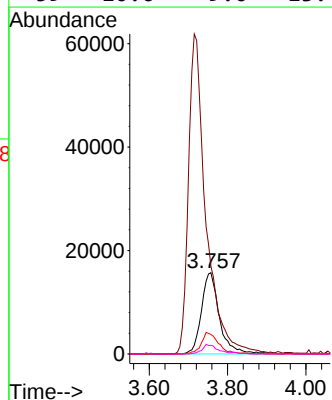
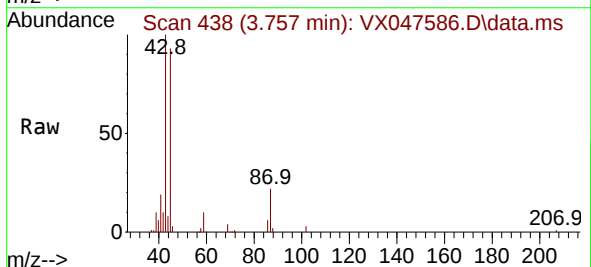
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

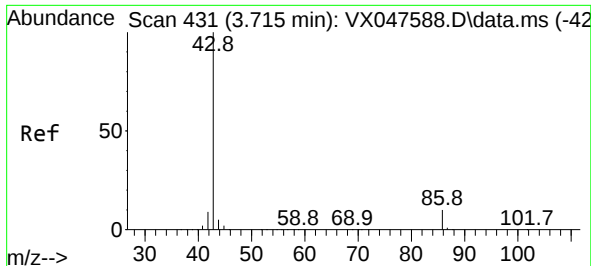
Tgt Ion: 96 Resp: 13937
Ion Ratio Lower Upper
96 100
61 140.4 116.2 174.2
98 62.4 49.3 73.9



#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 45 Resp: 50213
Ion Ratio Lower Upper
45 100
43 102.8 81.0 121.4
87 23.3 20.3 30.5
59 10.6 9.0 13.4

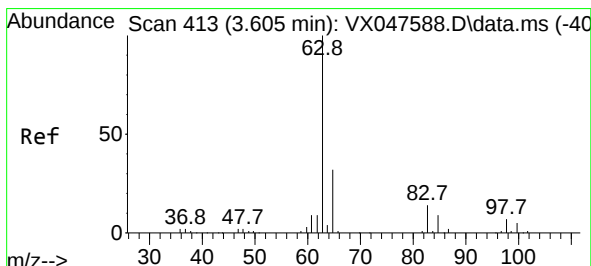
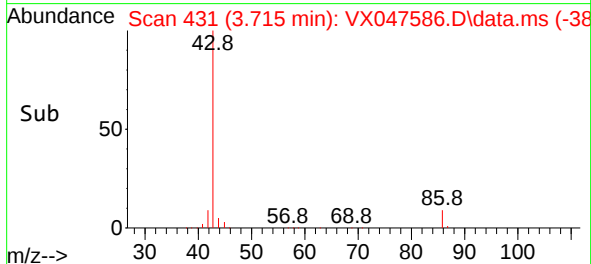
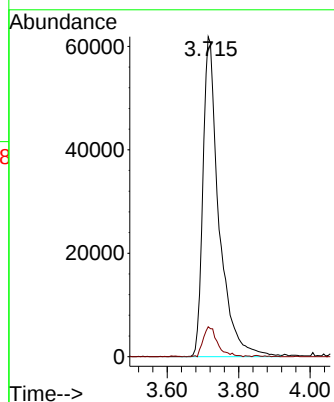
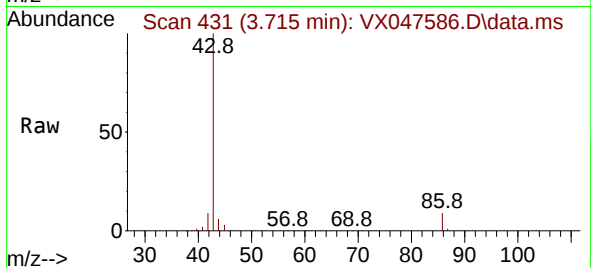




#23
 Vinyl Acetate
 Concen: 25.474 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

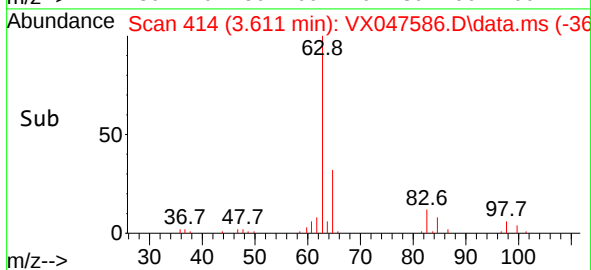
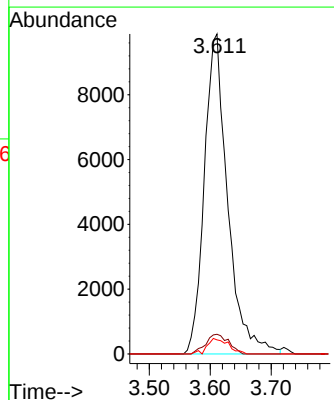
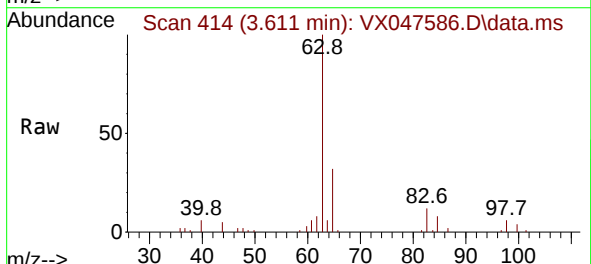
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

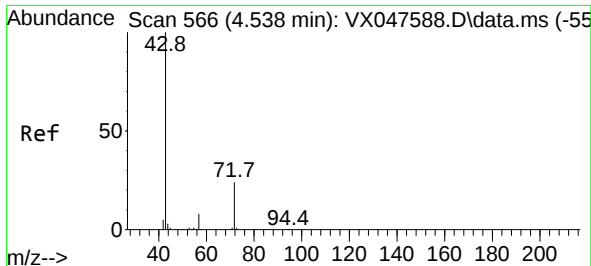
Tgt Ion: 43 Resp: 192175
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.248 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 26292
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.2
 100 4.4 2.3 6.9

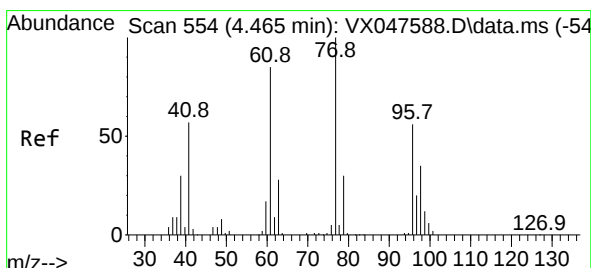
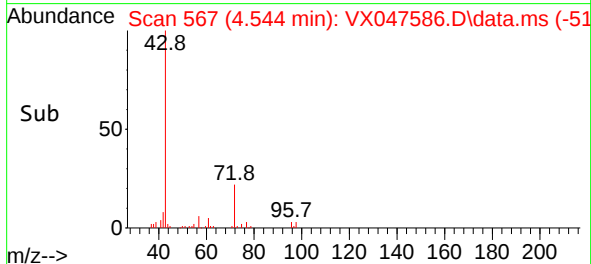
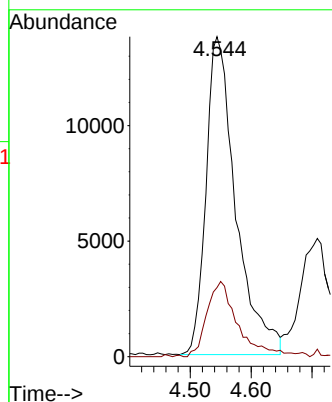
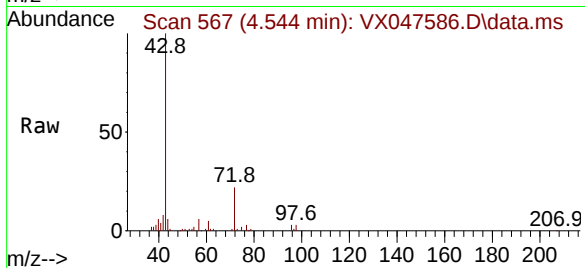




#25
2-Butanone
Concen: 27.240 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

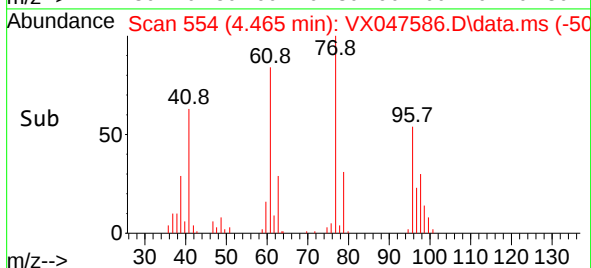
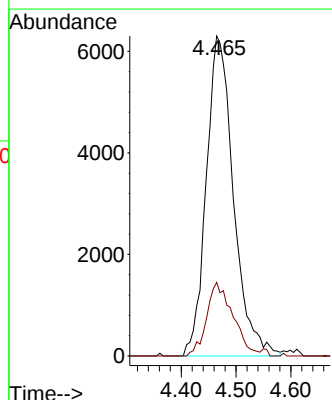
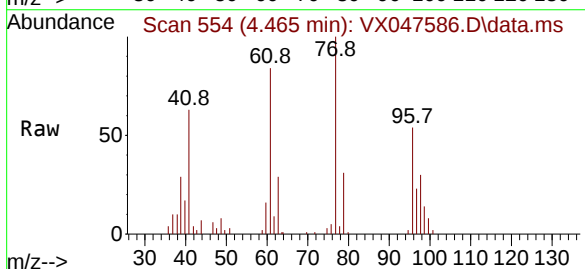
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

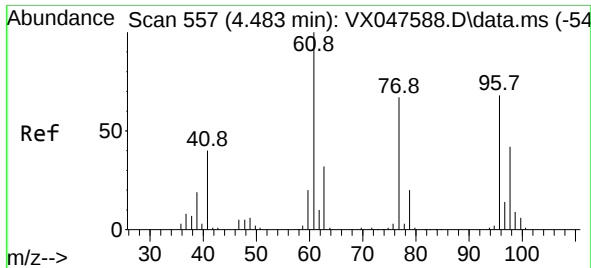
Tgt Ion: 43 Resp: 46651
Ion Ratio Lower Upper
43 100
72 21.3 20.1 30.1



#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7

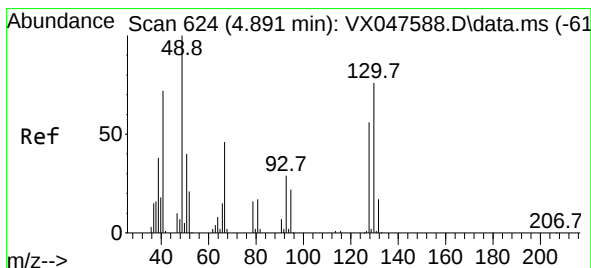
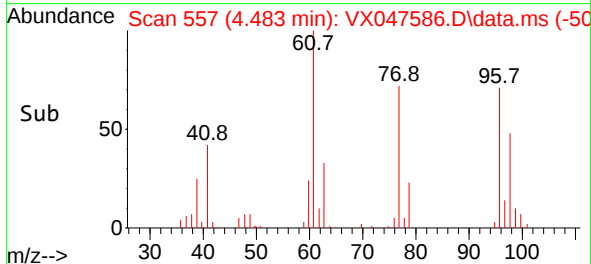
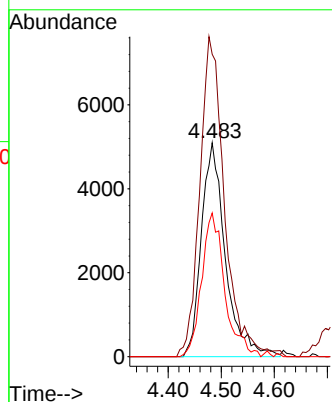
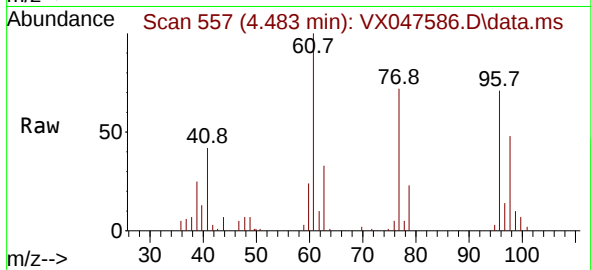




#27
 cis-1,2-Dichloroethene
 Concen: 5.147 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

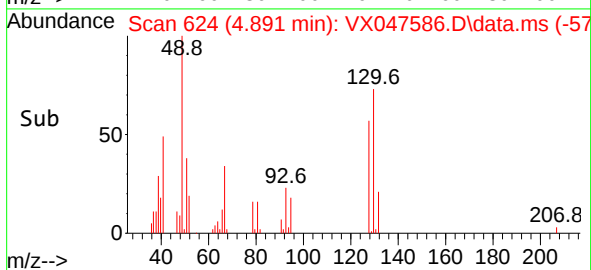
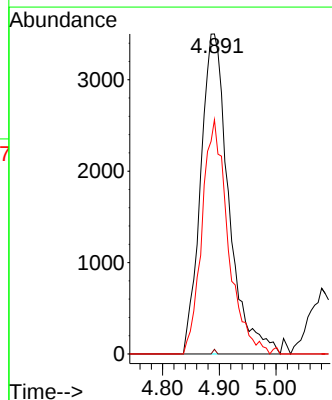
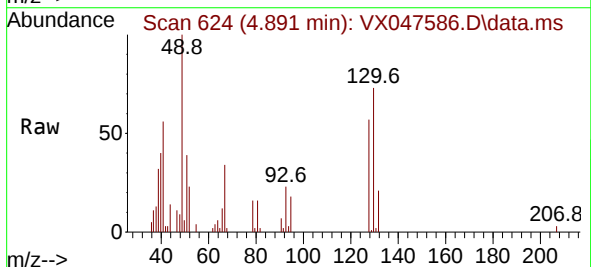
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

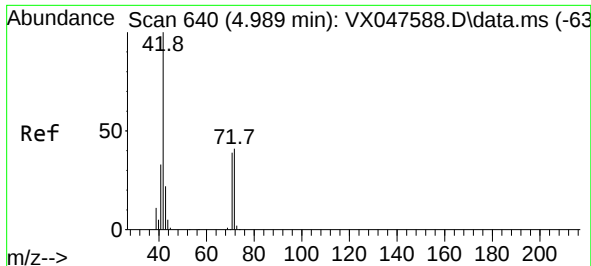
Tgt Ion: 96 Resp: 15996
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 303.2
 98 64.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 5.508 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

Tgt Ion: 49 Resp: 12047
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 3.2
 130 68.0 57.8 86.8

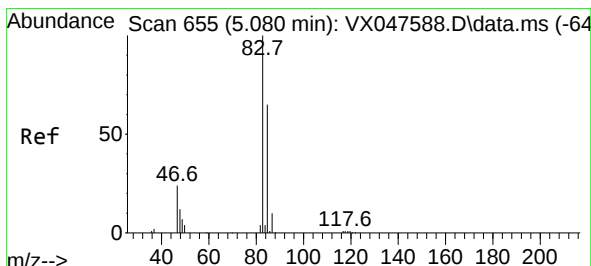
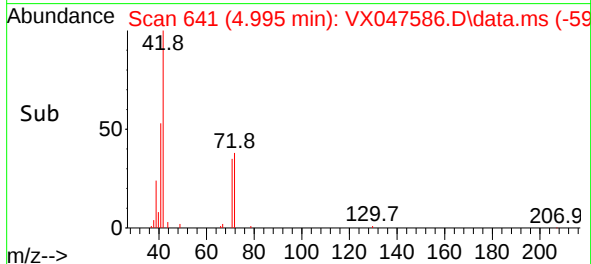
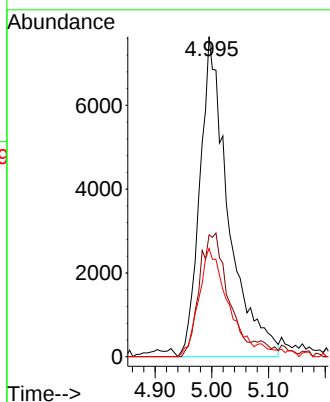
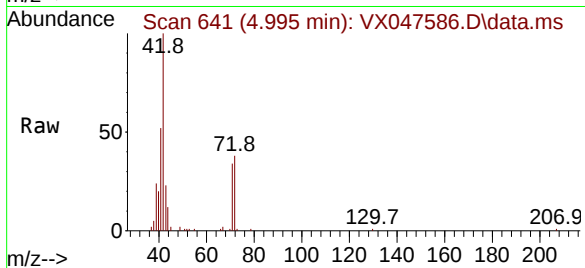




#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

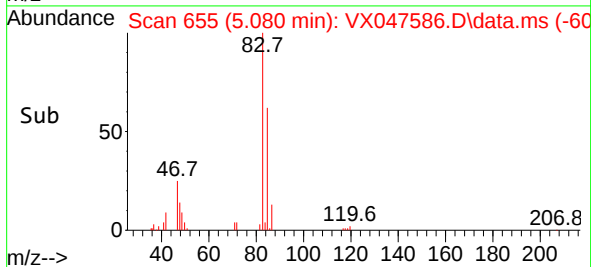
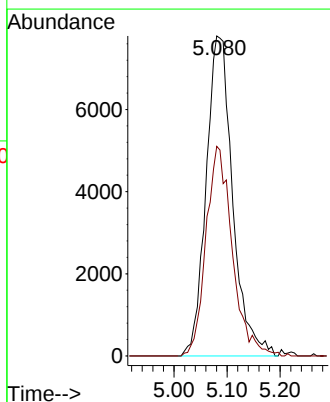
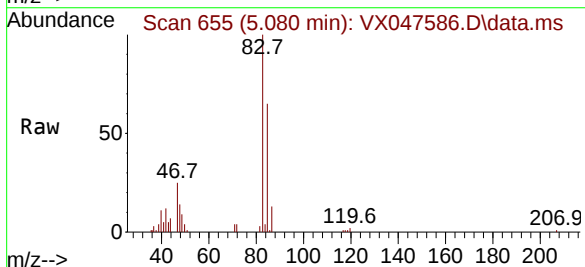
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

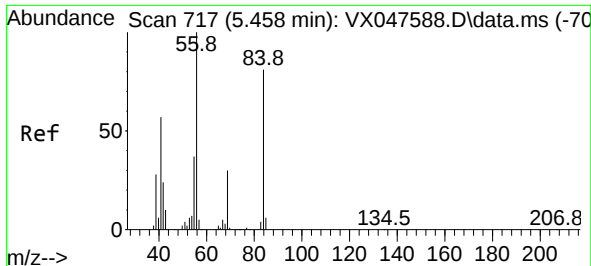
Tgt Ion: 42 Resp: 26729
Ion Ratio Lower Upper
42 100
72 38.7 34.2 51.2
71 34.1 31.9 47.9



#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6

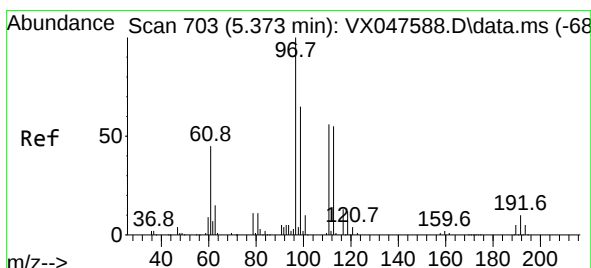
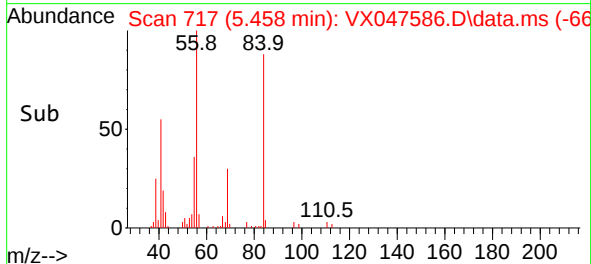
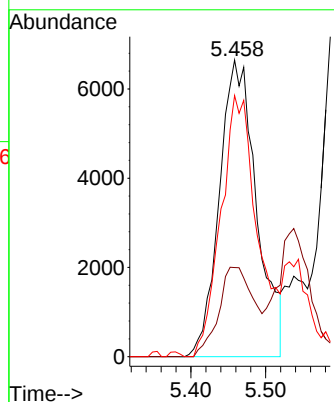
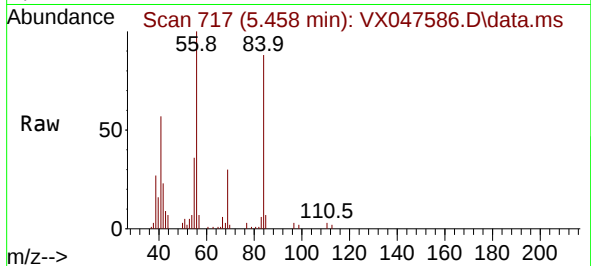




#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

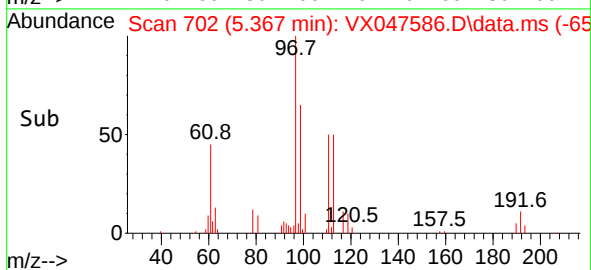
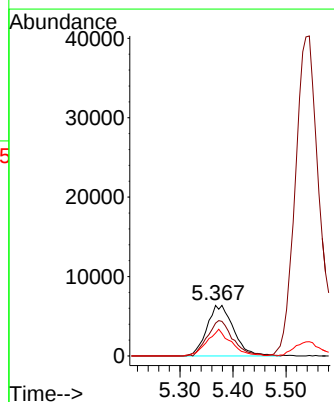
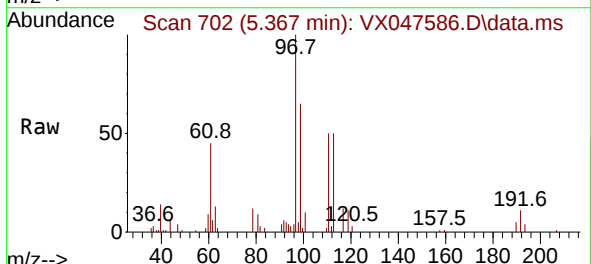
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	56	Resp:	23032
Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0



#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:	97	Resp:	22279
Ion	Ratio	Lower	Upper
97	100		
99	66.4	50.6	76.0
61	47.4	35.8	53.8





#33

1,2-Dichloroethane-d4

Concen: 5.554 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

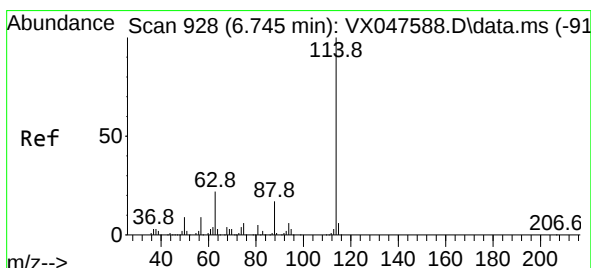
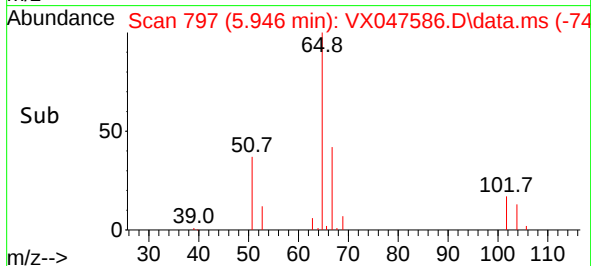
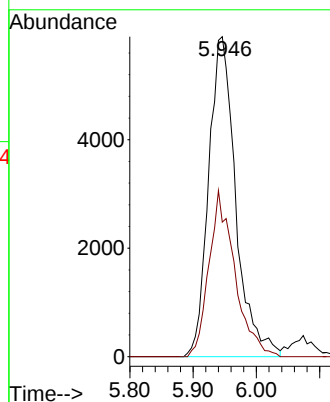
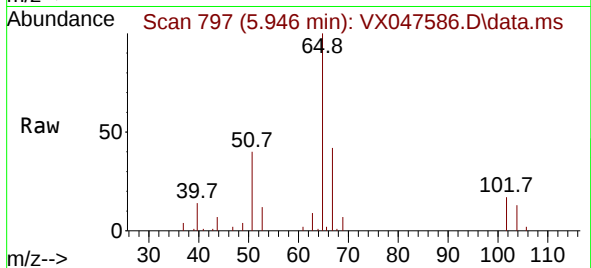
VSTDIC005

Tgt Ion: 65 Resp: 17538

Ion Ratio Lower Upper

65 100

67 49.7 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: VX047586.D

Acq: 16 Sep 2025 10:16

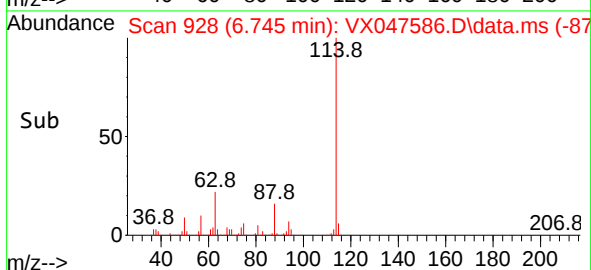
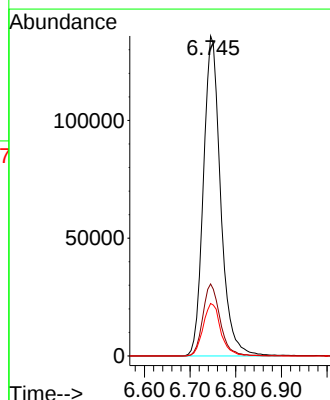
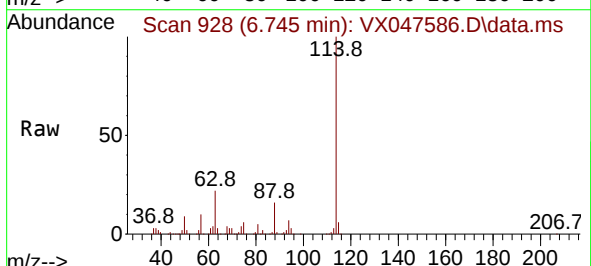
Tgt Ion: 114 Resp: 355026

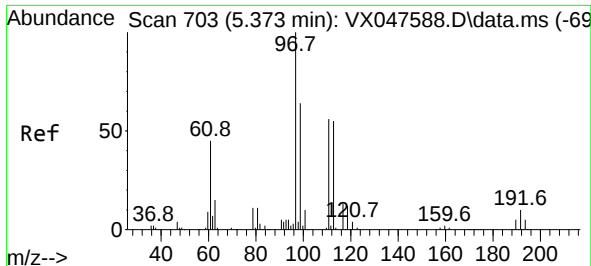
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.4 0.0 34.2

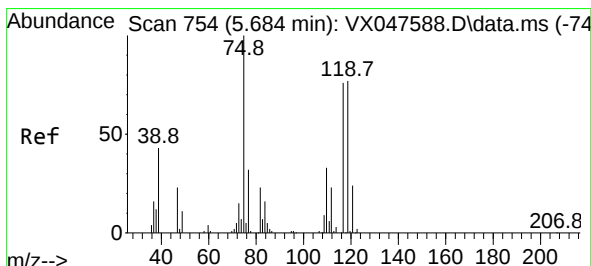
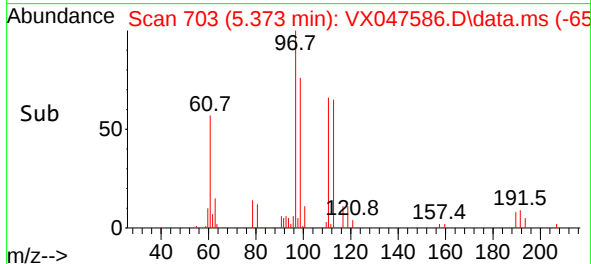
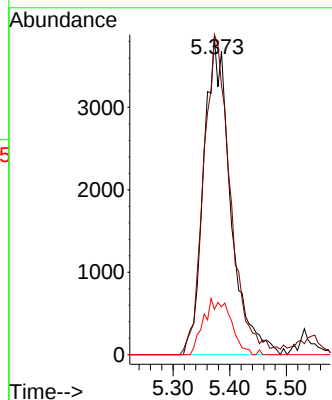
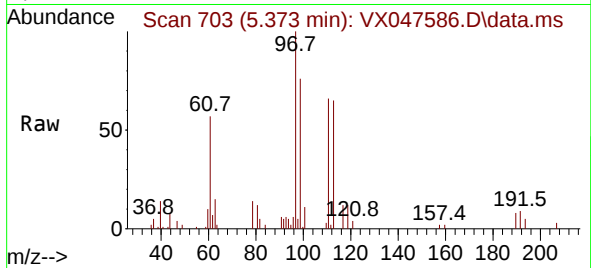




#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

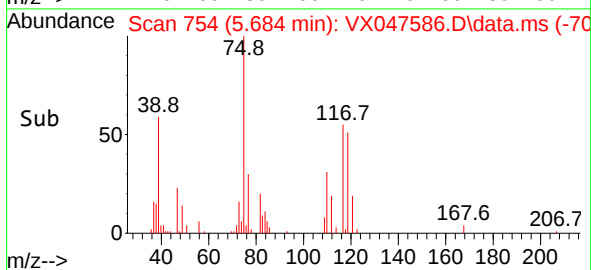
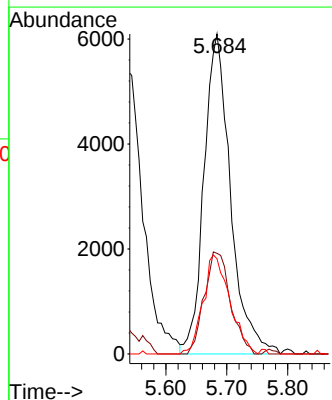
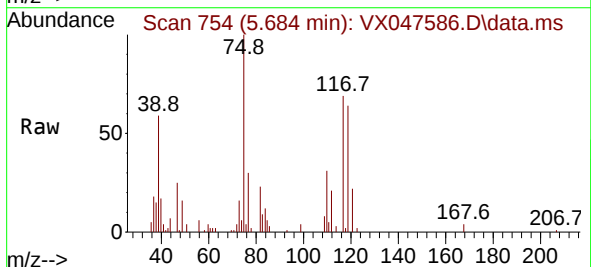
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

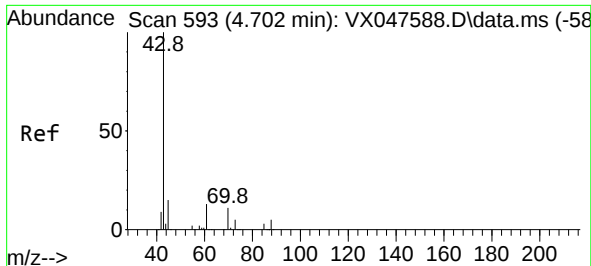
Tgt Ion:113 Resp: 12647
Ion Ratio Lower Upper
113 100
111 100.5 80.9 121.3
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18455
Ion Ratio Lower Upper
75 100
110 31.4 16.7 50.1
77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 5.345 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

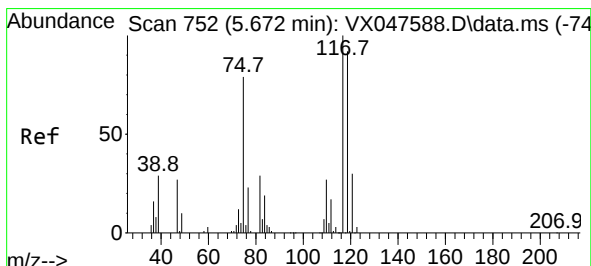
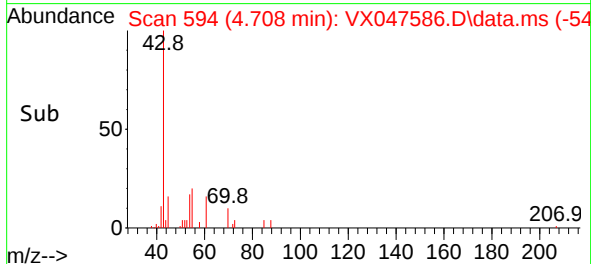
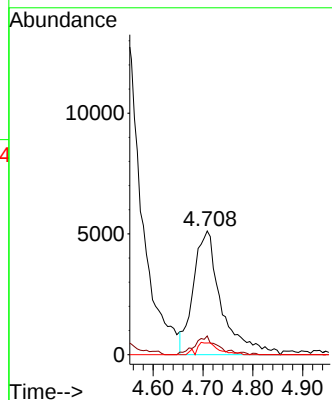
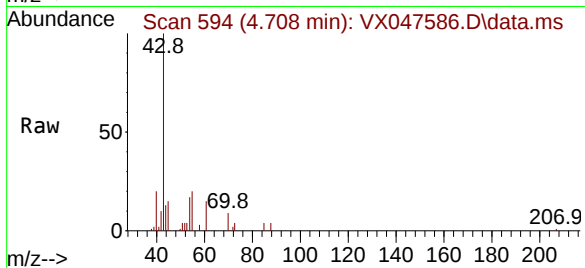
Tgt Ion: 43 Resp: 19913

Ion Ratio Lower Upper

43 100

61 11.9 9.8 14.8

70 7.6 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.390 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

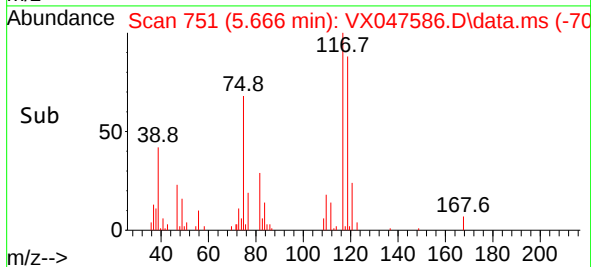
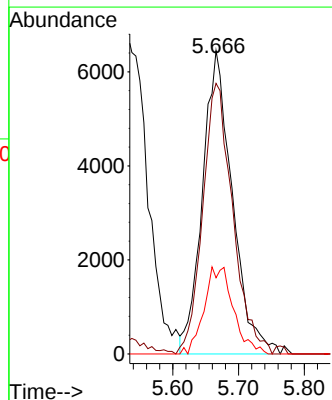
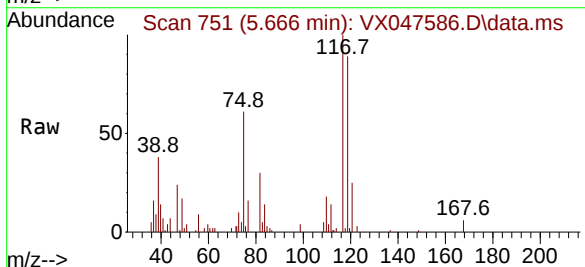
Tgt Ion: 117 Resp: 20376

Ion Ratio Lower Upper

117 100

119 88.9 73.4 110.2

121 25.1 23.8 35.6

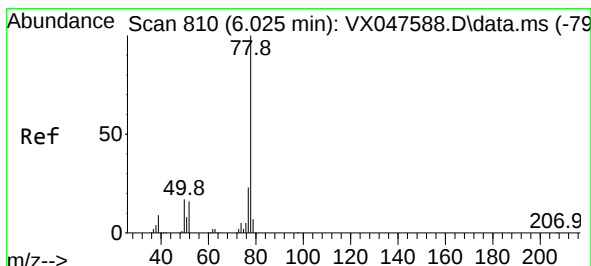
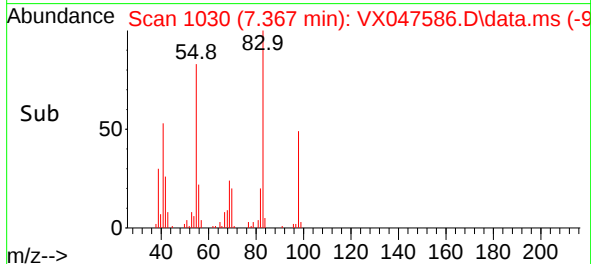
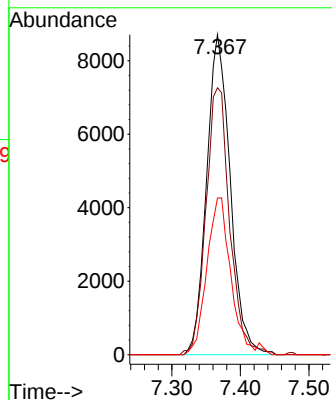
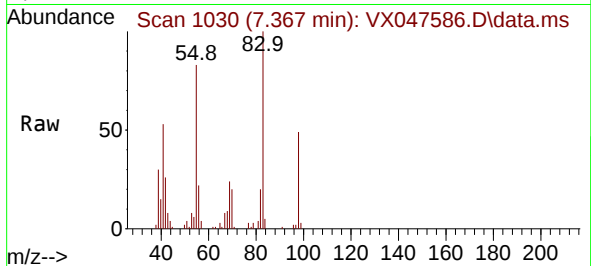




#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

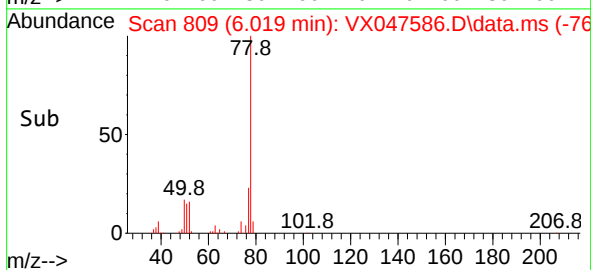
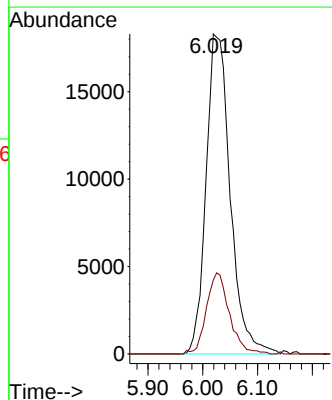
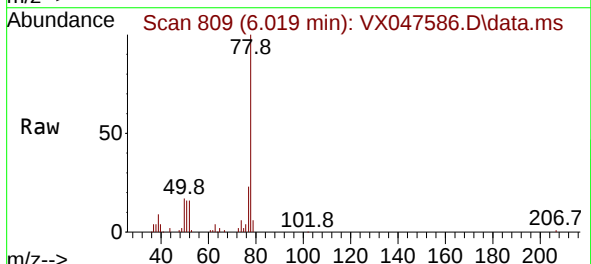
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

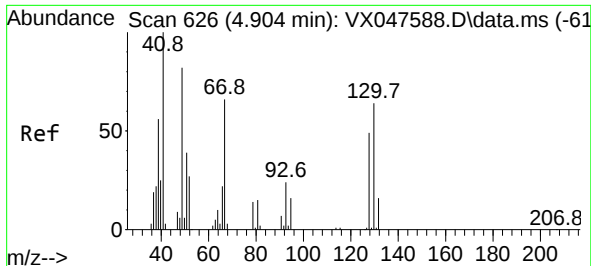
Tgt Ion:	83	Resp:	20900
Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1



#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:	78	Resp:	55996
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

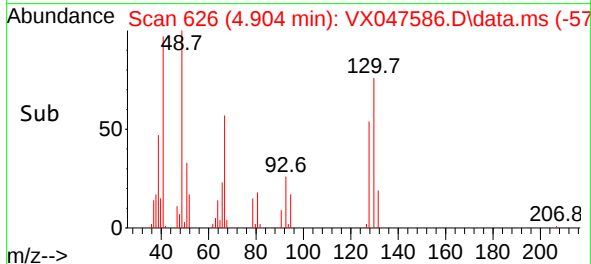
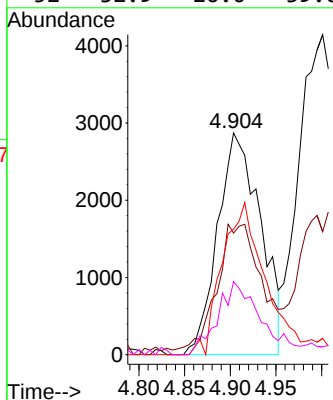
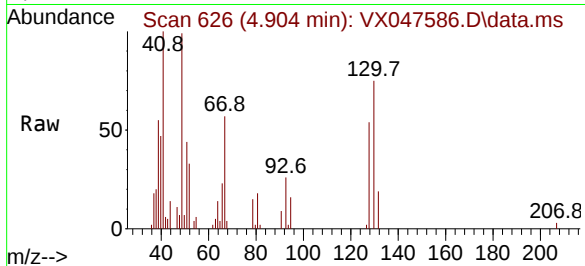




#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

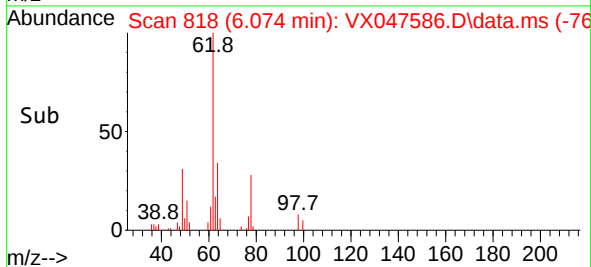
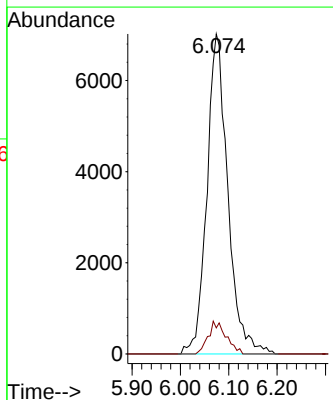
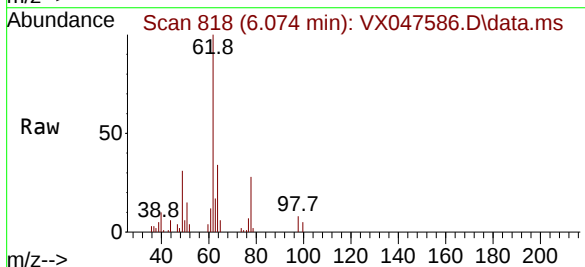
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

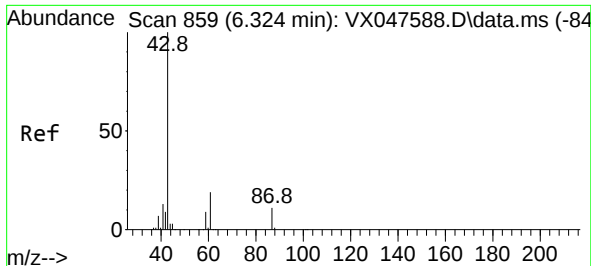
Tgt Ion:	41	Resp:	9390
Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	68.7	58.6	87.8
52	32.9	26.0	39.0



#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:	62	Resp:	21117
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

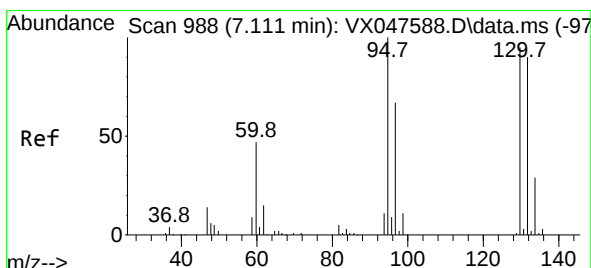
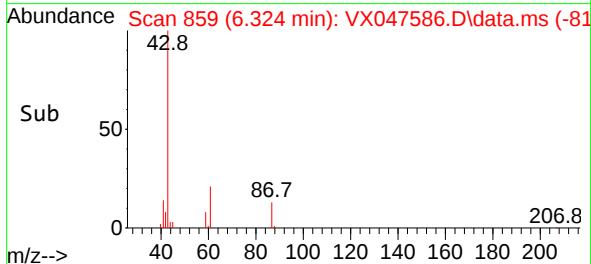
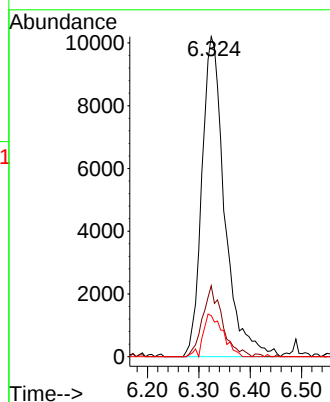
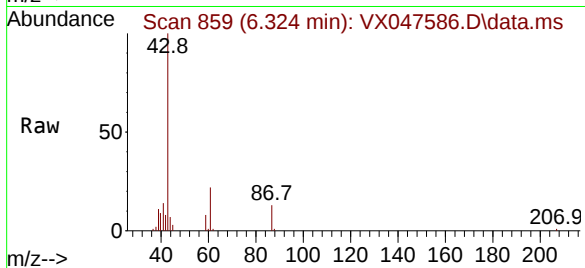




#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

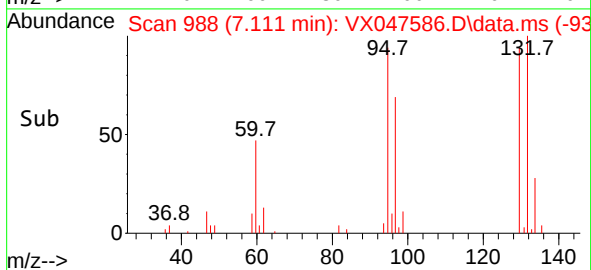
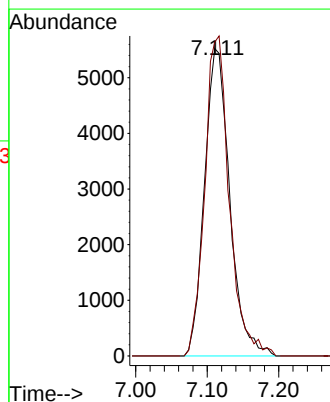
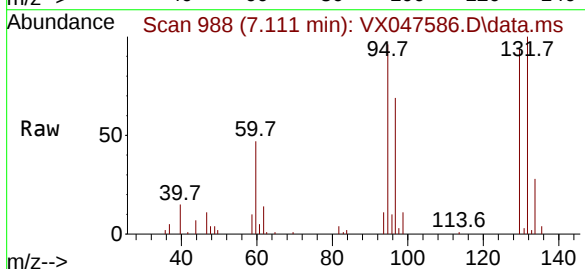
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

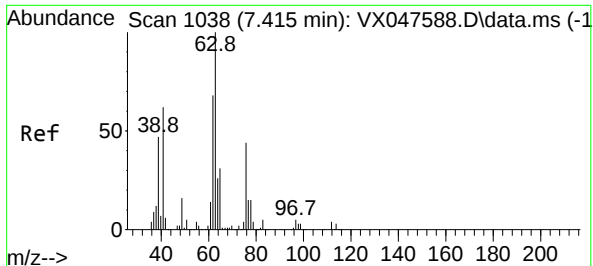
Tgt Ion:	43	Resp:	31304
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4



#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:	130	Resp:	13576
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8





#45

1,2-Dichloropropane

Concen: 5.287 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

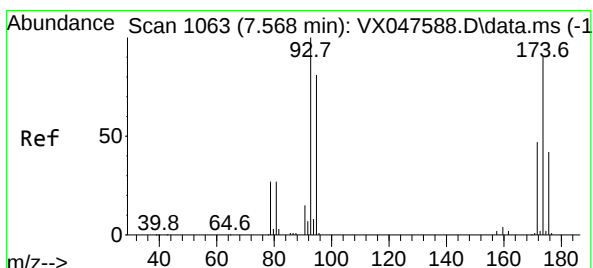
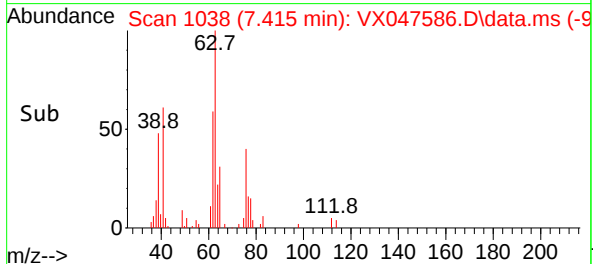
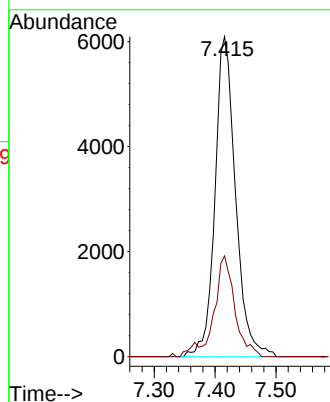
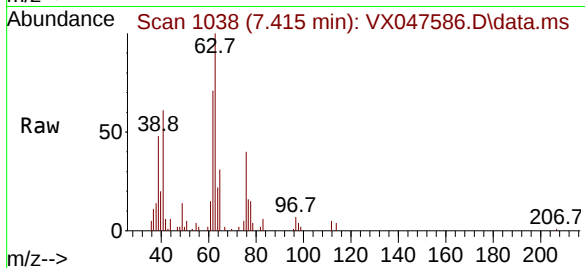
VSTDIC005

Tgt Ion: 63 Resp: 14305

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 5.146 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

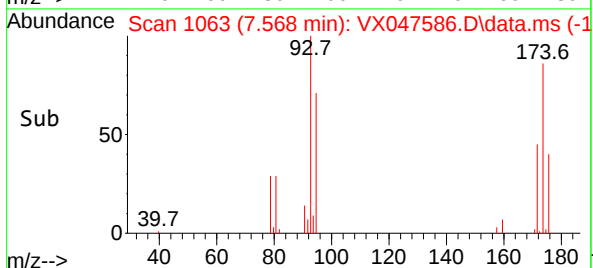
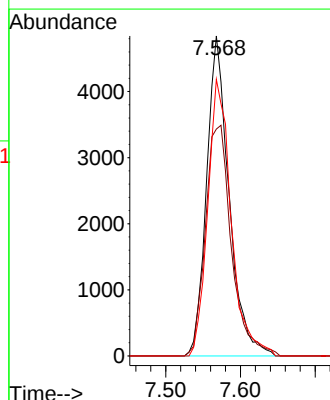
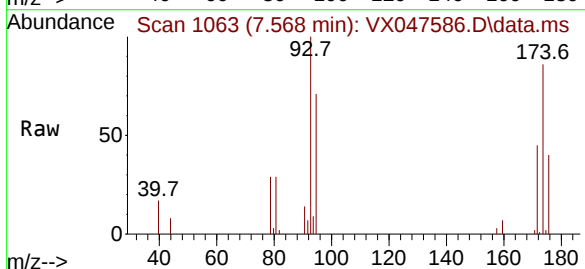
Tgt Ion: 93 Resp: 10133

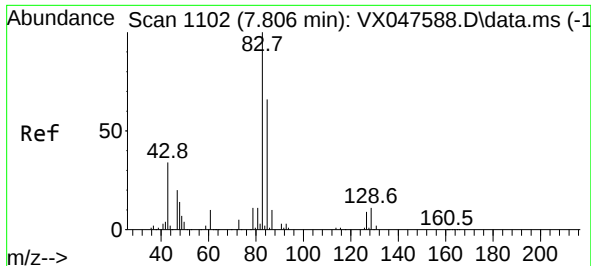
Ion Ratio Lower Upper

93 100

95 83.5 65.0 97.6

174 90.0 71.6 107.4

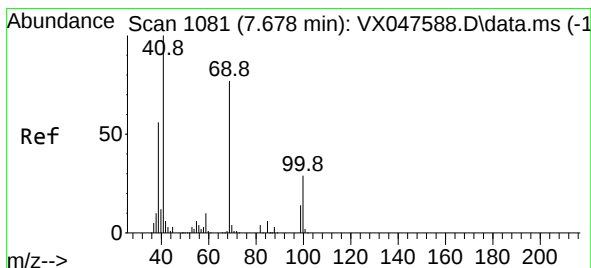
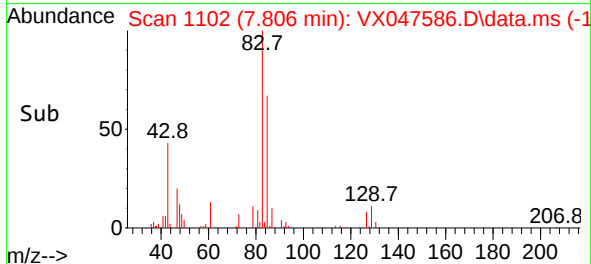
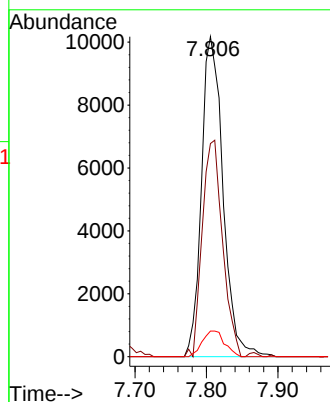
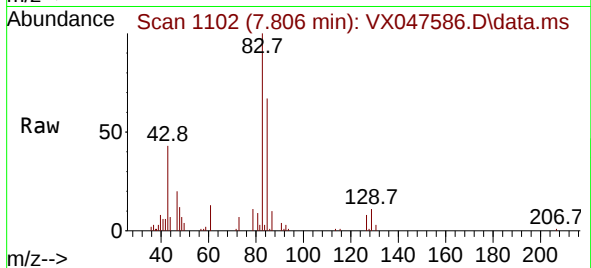




#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

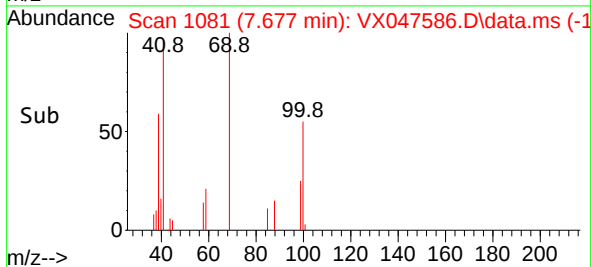
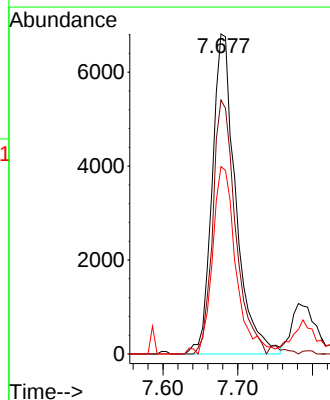
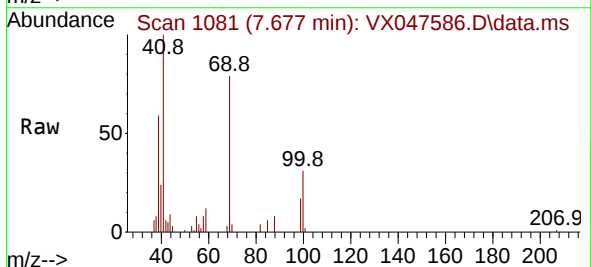
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

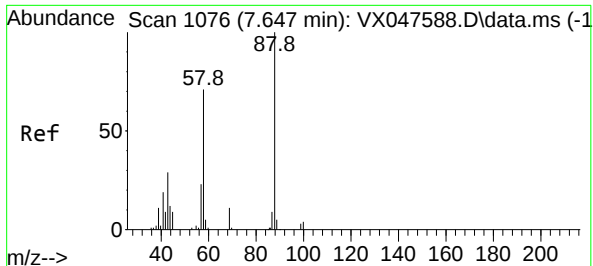
Tgt Ion: 83 Resp: 21270
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 7.8 6.9 10.3



#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 14959
Ion Ratio Lower Upper
41 100
69 76.4 61.4 92.2
39 58.2 45.8 68.6





#49

1,4-Dioxane

Concen: 98.096 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX047586.D

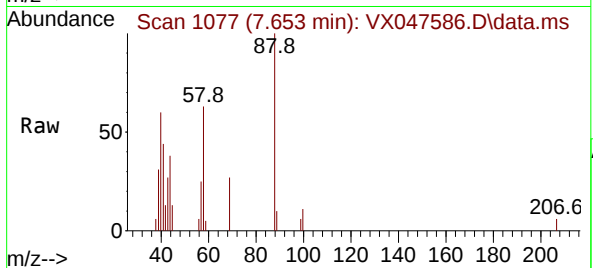
Acq: 16 Sep 2025 10:16

Instrument :

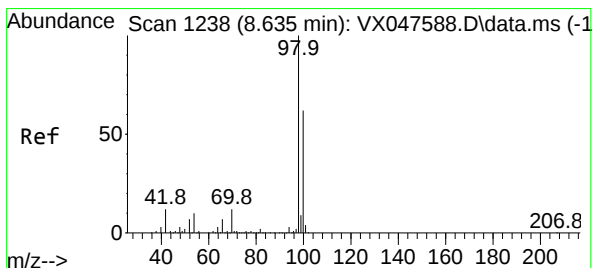
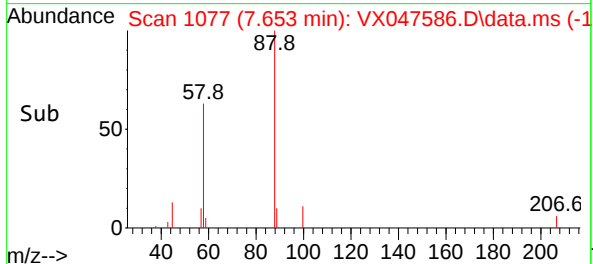
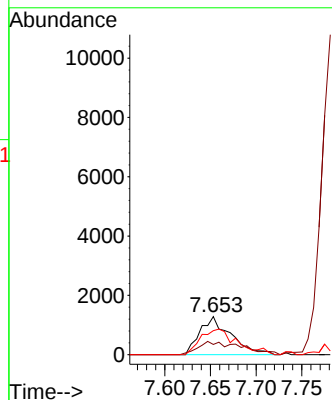
MSVOA_X

ClientSampleId :

VSTDICC005



Tgt Ion:	88	Resp:	3017
Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2#
58	79.1	59.5	89.3



#50

Toluene-d8

Concen: 5.332 ug/l

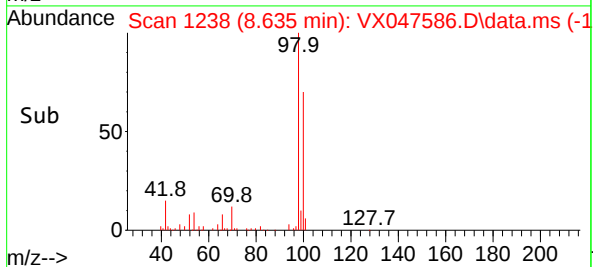
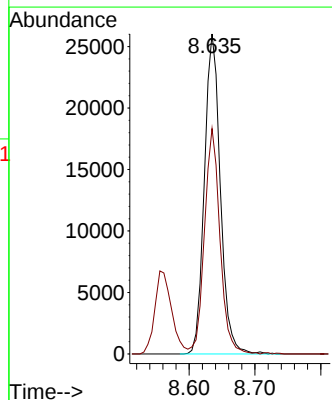
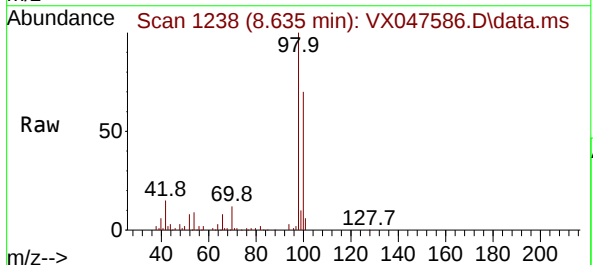
RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Tgt Ion:	98	Resp:	43926
Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4

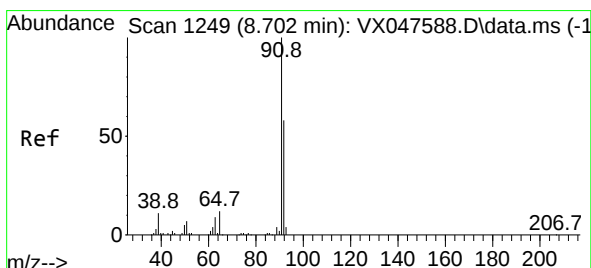
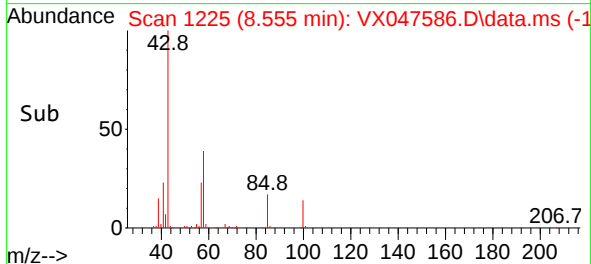
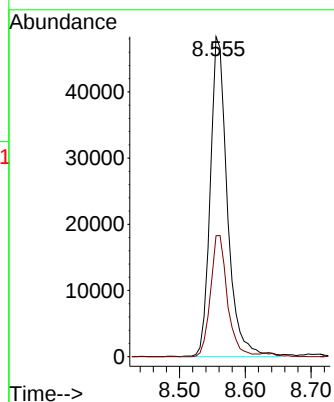
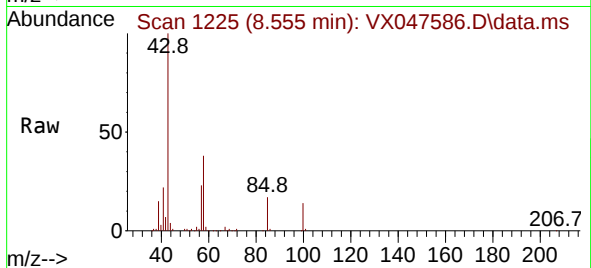




#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

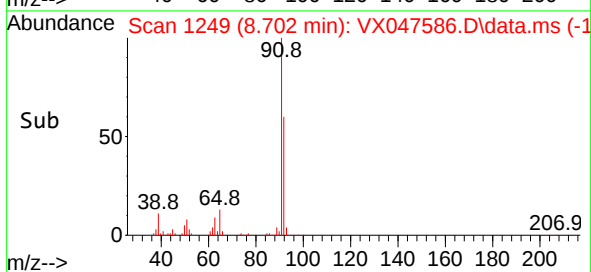
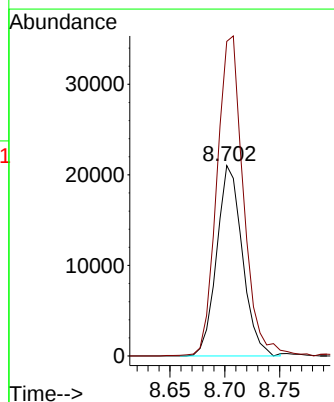
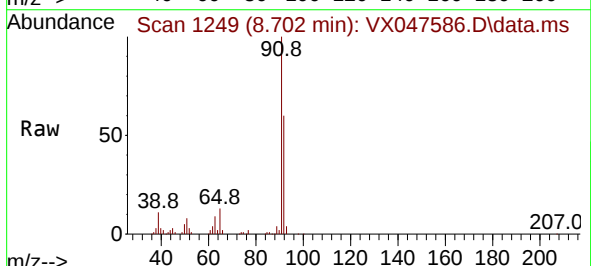
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 87492
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5



#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314
Ion Ratio Lower Upper
92 100
91 173.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 5.034 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

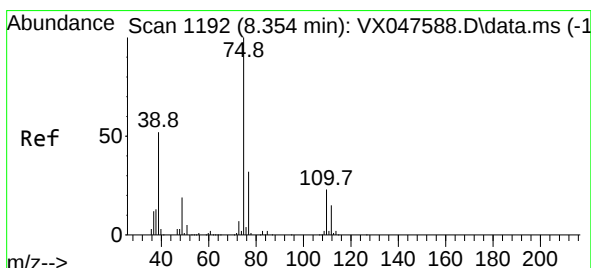
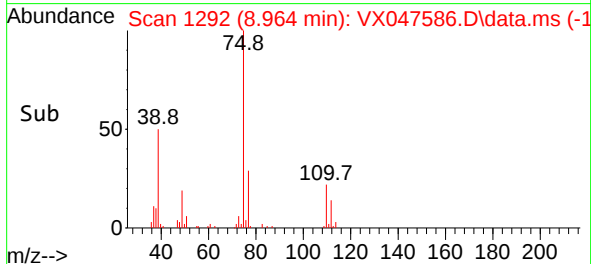
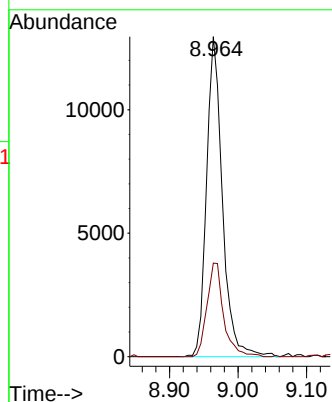
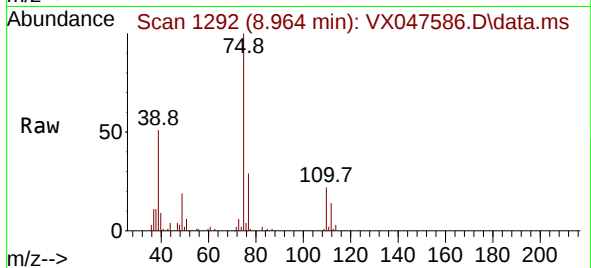
VSTDIC005

Tgt Ion: 75 Resp: 20863

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 5.227 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

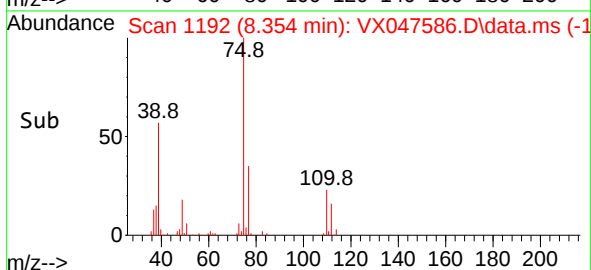
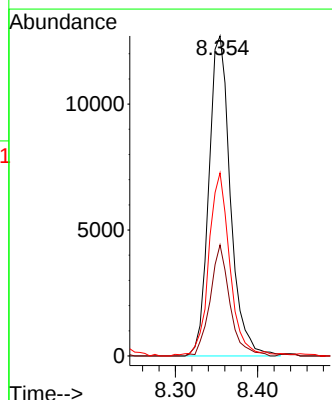
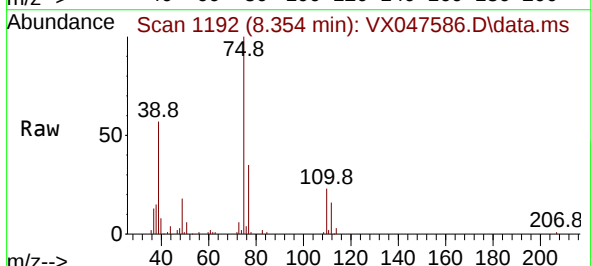
Tgt Ion: 75 Resp: 23157

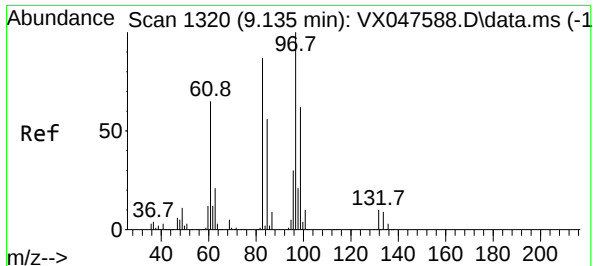
Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.6

39 51.7 41.4 62.2

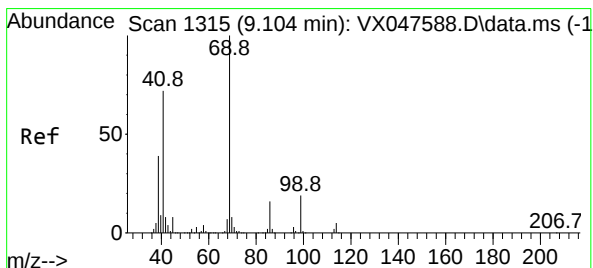
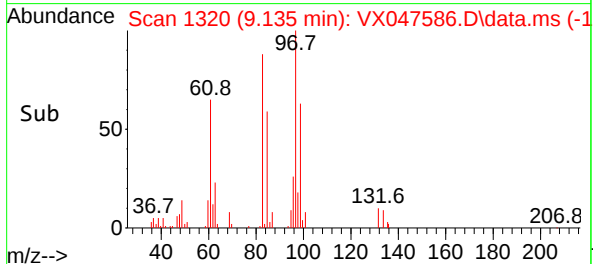
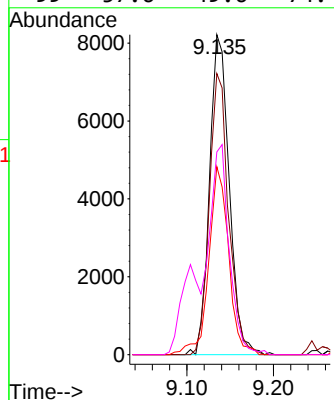
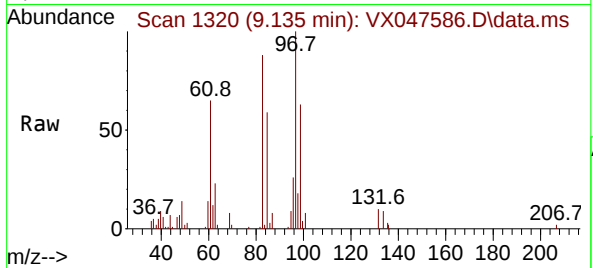




#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

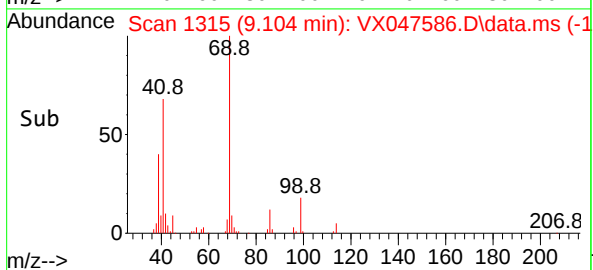
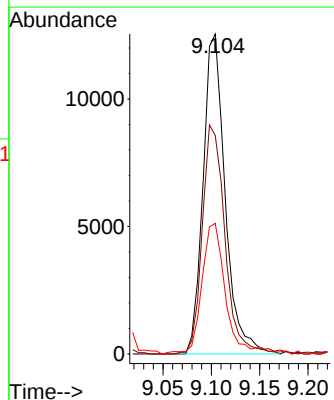
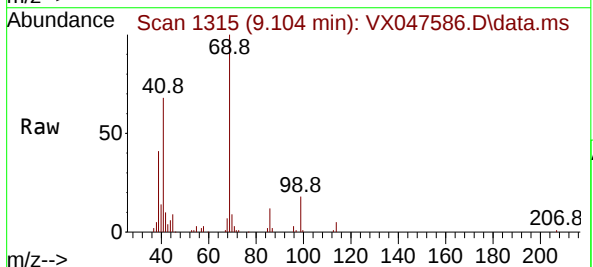
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	97	Resp:	12968
Ion	Ratio	Lower	Upper
97	100		
83	76.7	69.6	104.4
85	49.9	45.0	67.6
99	57.6	49.6	74.4



#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:	69	Resp:	19980
Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.6	87.8
39	43.7	31.5	47.3





#57

1,3-Dichloropropane

Concen: 5.331 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

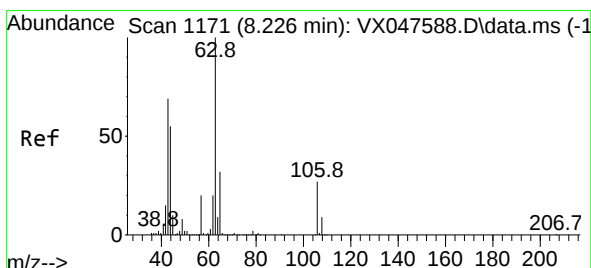
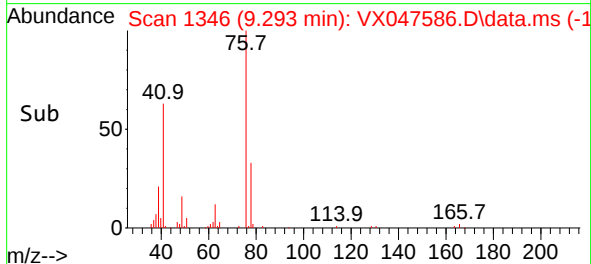
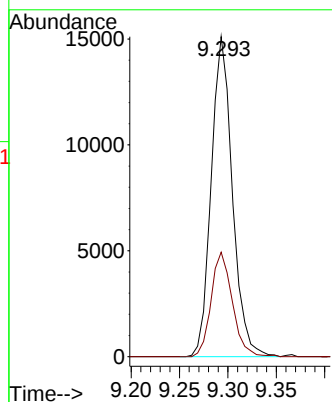
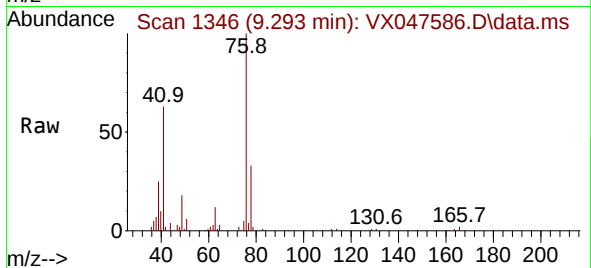
VSTDIC005

Tgt Ion: 76 Resp: 22989

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 27.899 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047586.D

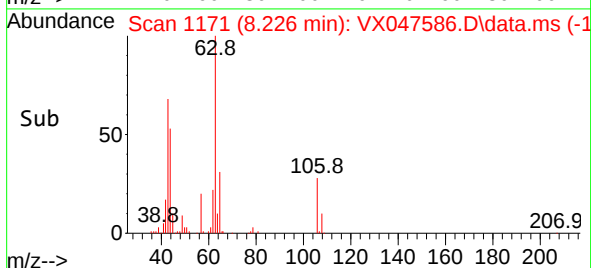
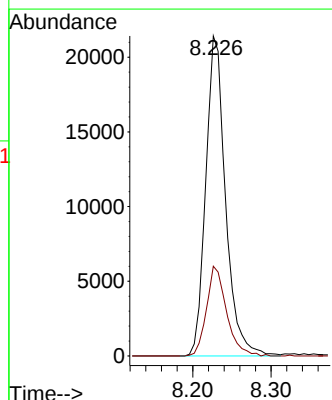
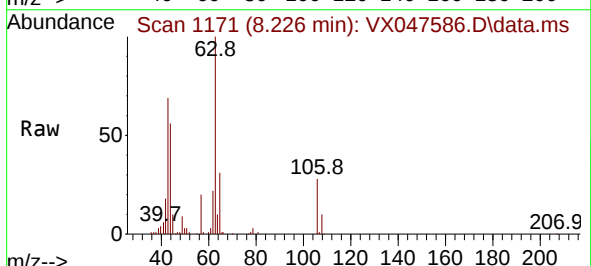
Acq: 16 Sep 2025 10:16

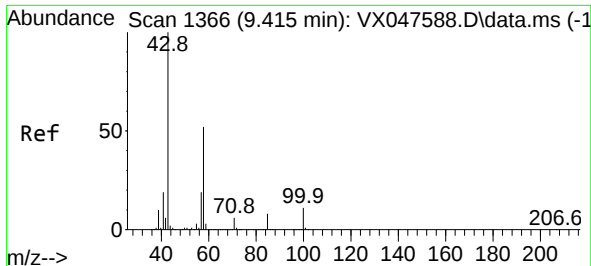
Tgt Ion: 63 Resp: 37585

Ion Ratio Lower Upper

63 100

106 28.3 21.9 32.9

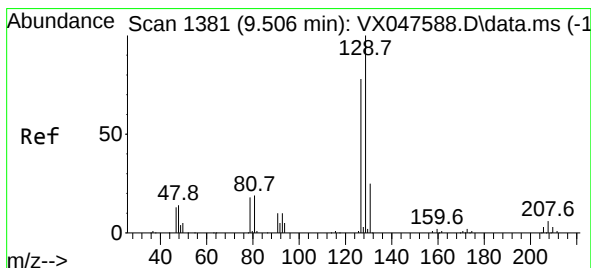
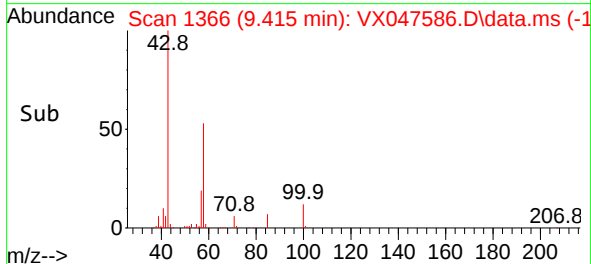
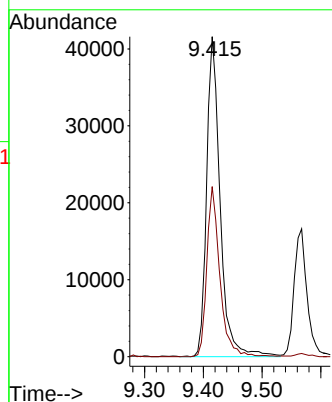
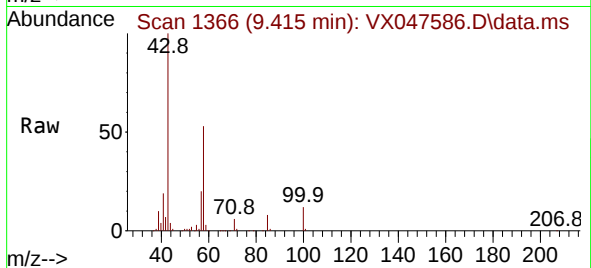




#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

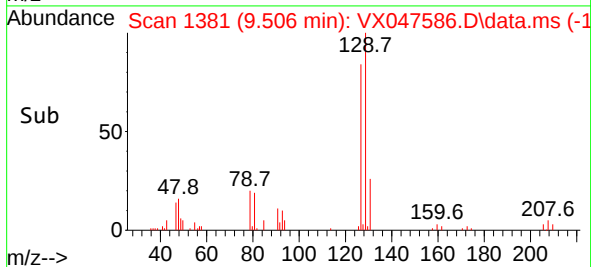
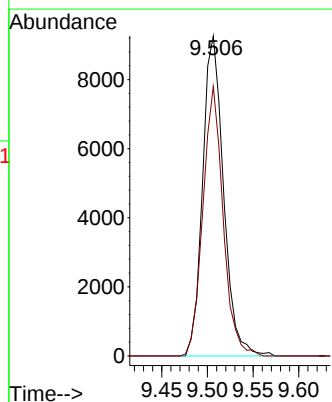
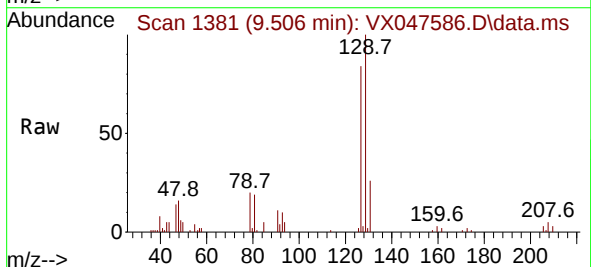
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

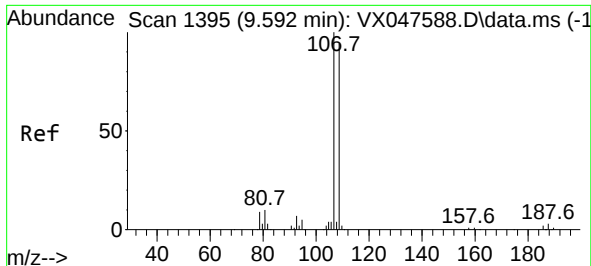
Tgt Ion: 43 Resp: 66356
Ion Ratio Lower Upper
43 100
58 51.1 26.1 78.2



#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 129 Resp: 14705
Ion Ratio Lower Upper
129 100
127 81.4 38.4 115.2

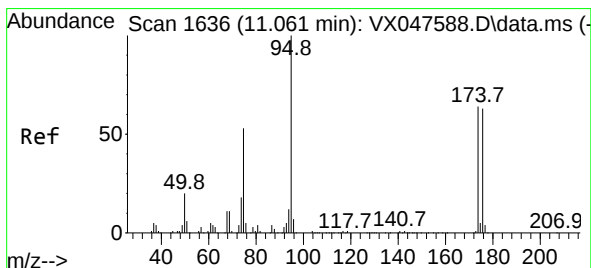
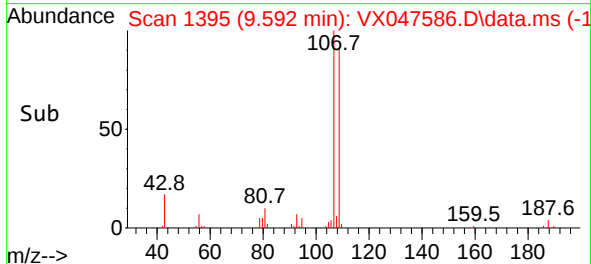
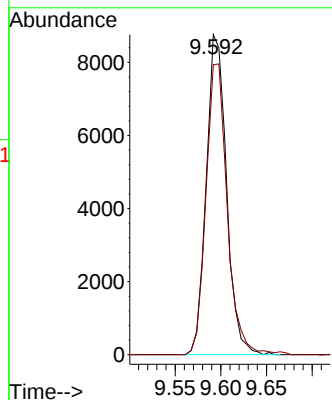
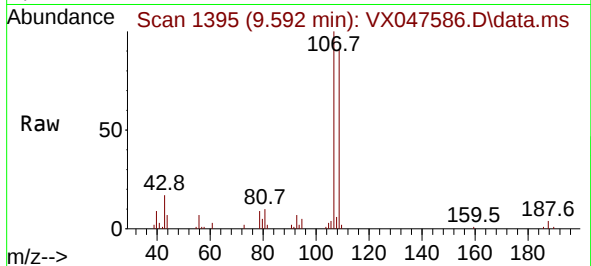




#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

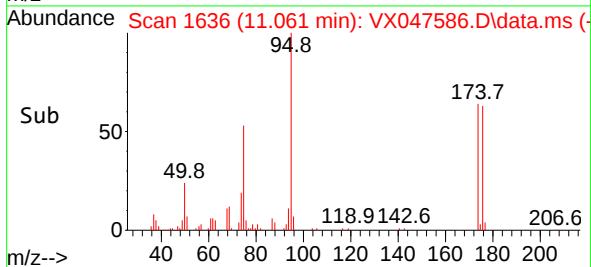
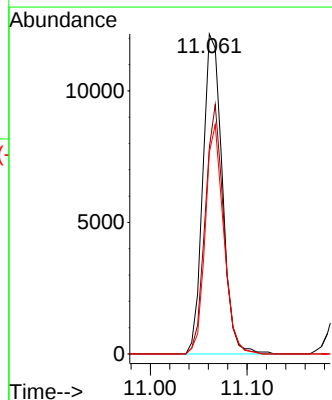
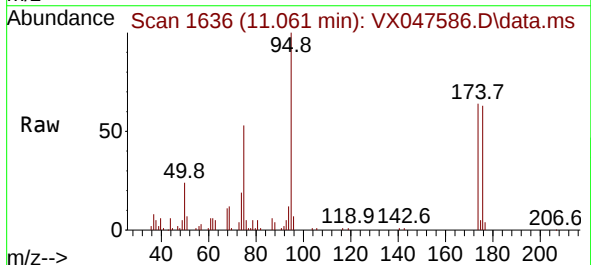
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 13461
Ion Ratio Lower Upper
107 100
109 95.6 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 95 Resp: 16974
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 67.9 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: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

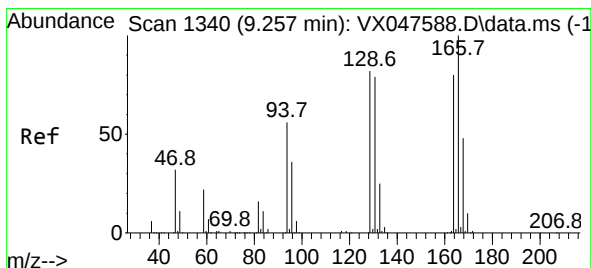
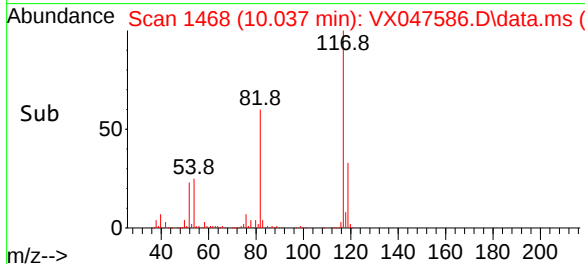
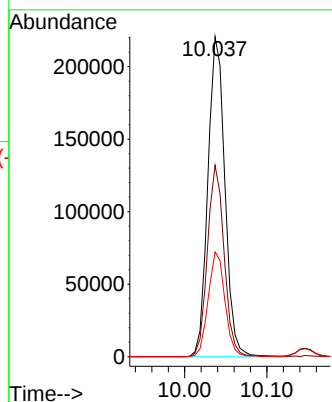
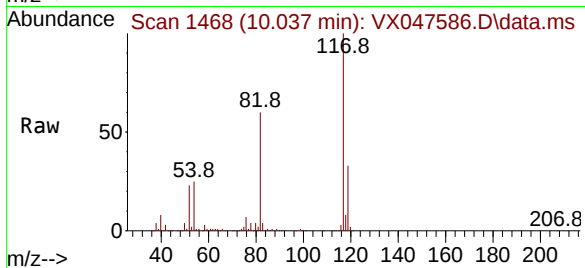
Tgt Ion:117 Resp: 317288

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.6

119 32.8 25.2 37.8



#64

Tetrachloroethene

Concen: 5.428 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Tgt Ion:164 Resp: 11228

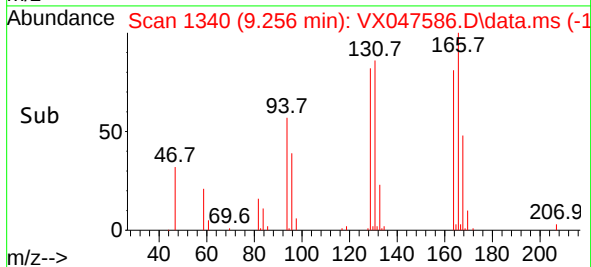
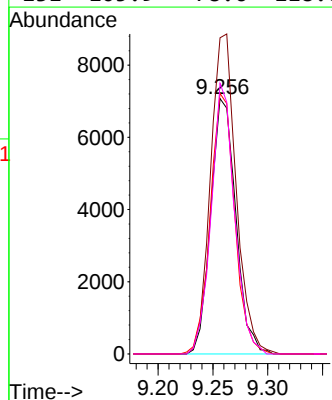
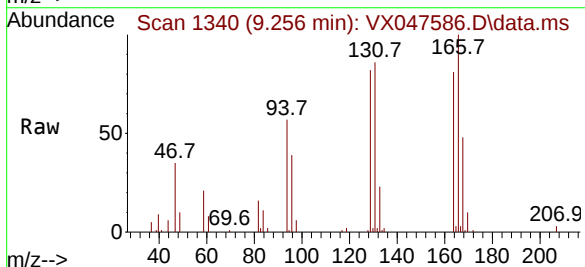
Ion Ratio Lower Upper

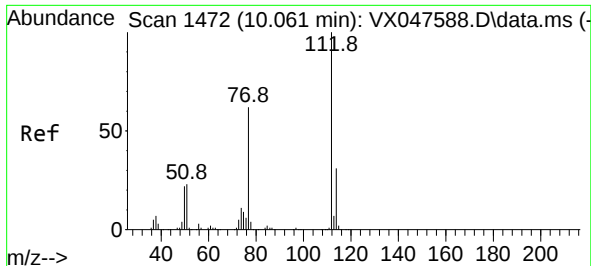
164 100

166 123.8 100.2 150.2

129 102.0 81.8 122.6

131 105.9 78.6 118.0

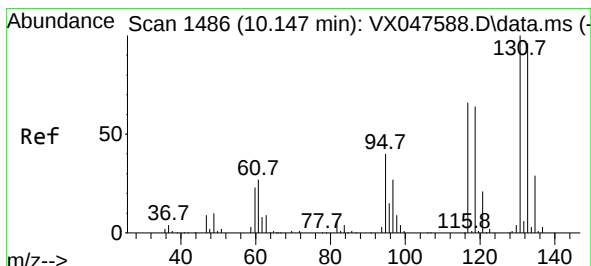
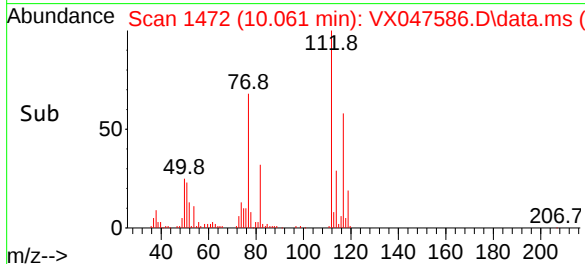
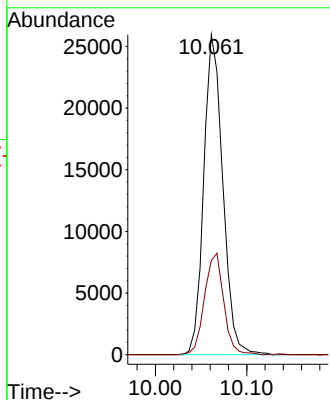
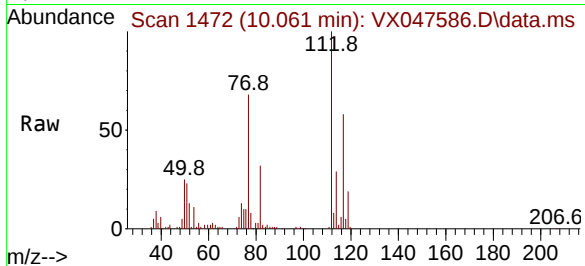




#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

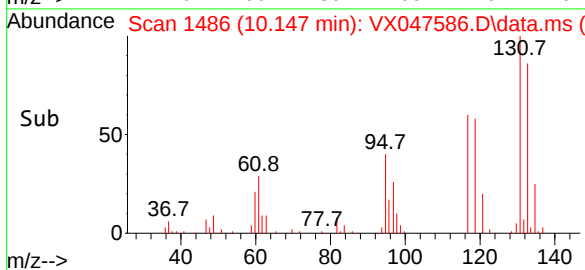
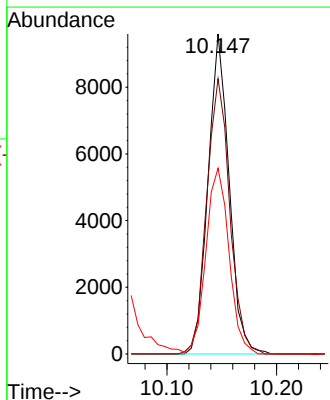
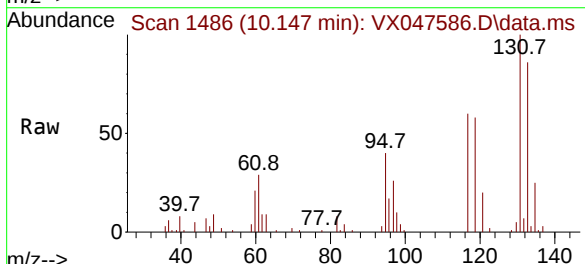
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

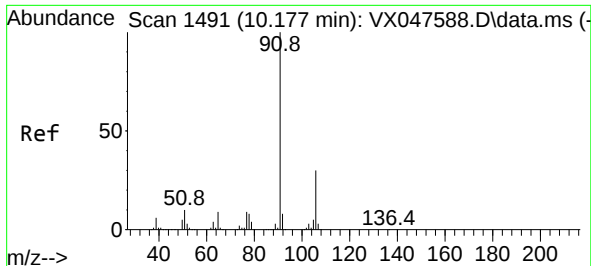
Tgt Ion:112 Resp: 37507
Ion Ratio Lower Upper
112 100
114 29.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:131 Resp: 12807
Ion Ratio Lower Upper
131 100
133 94.0 47.3 142.0
119 63.5 32.0 96.0

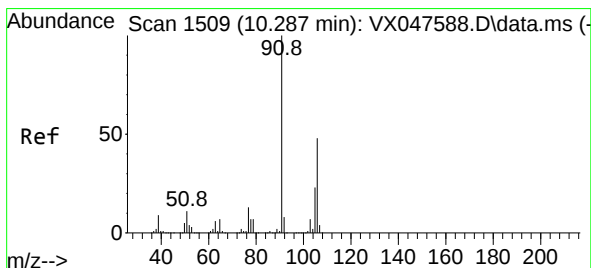
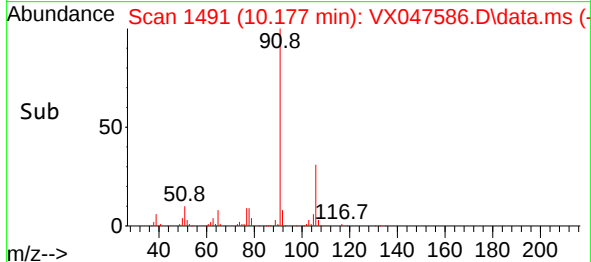
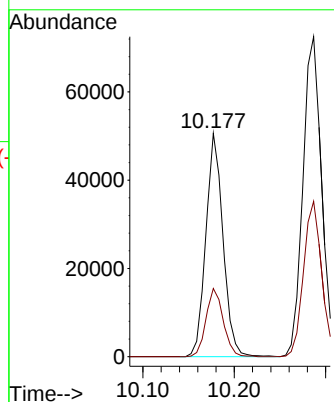
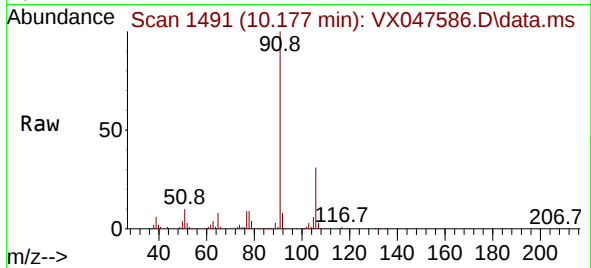




#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

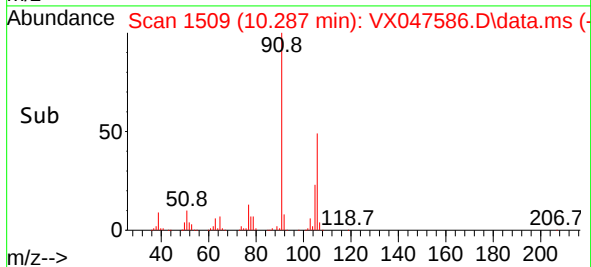
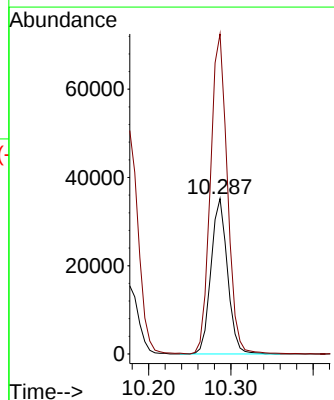
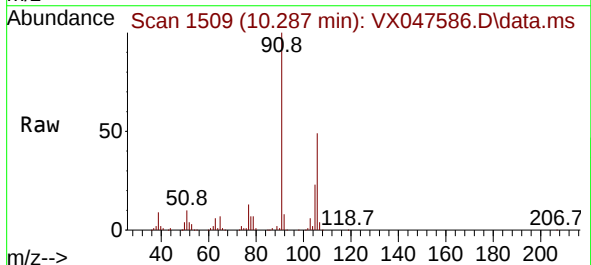
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

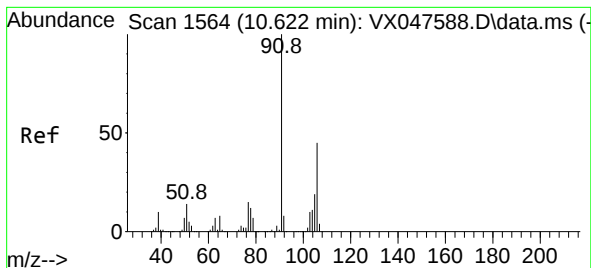
Tgt Ion: 91 Resp: 65908
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 106 Resp: 49132
Ion Ratio Lower Upper
106 100
91 211.6 167.8 251.8





#69

o-Xylene

Concen: 5.204 ug/l

RT: 10.628 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

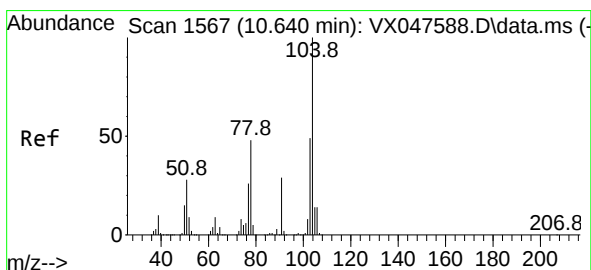
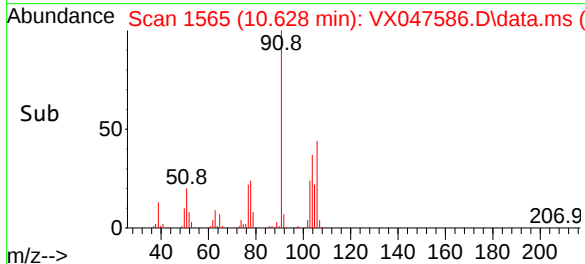
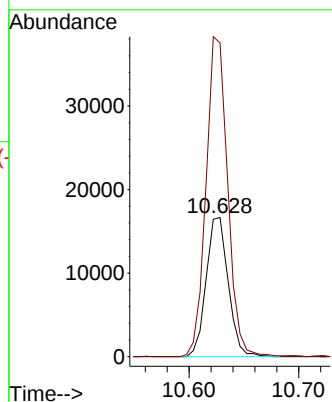
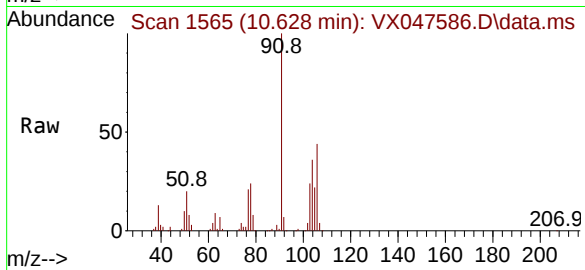
VSTDIC005

Tgt Ion:106 Resp: 23300

Ion Ratio Lower Upper

106 100

91 226.3 111.1 333.4



#70

Styrene

Concen: 5.210 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

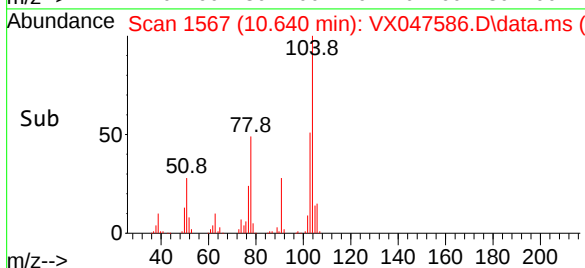
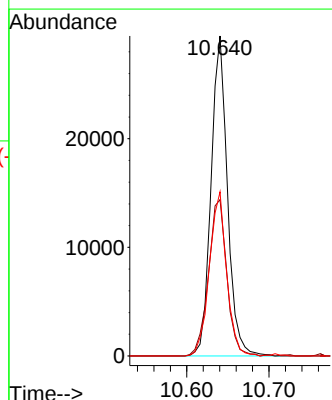
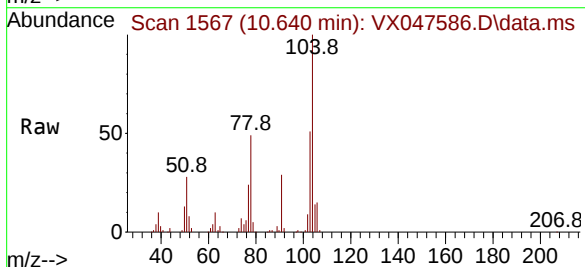
Tgt Ion:104 Resp: 40872

Ion Ratio Lower Upper

104 100

78 54.8 43.1 64.7

103 53.7 43.1 64.7





#71

Bromoform

Concen: 5.006 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

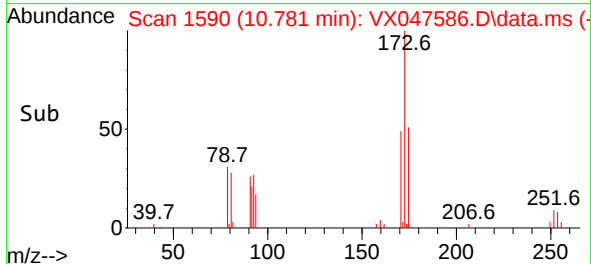
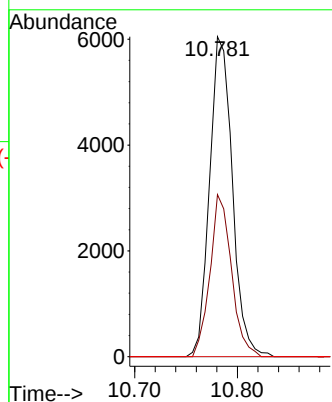
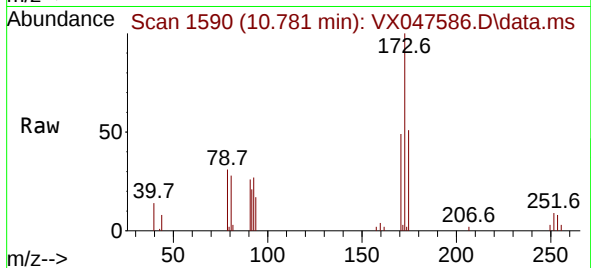
Tgt Ion:173 Resp: 9298

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

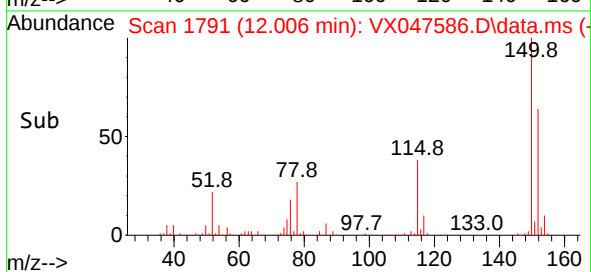
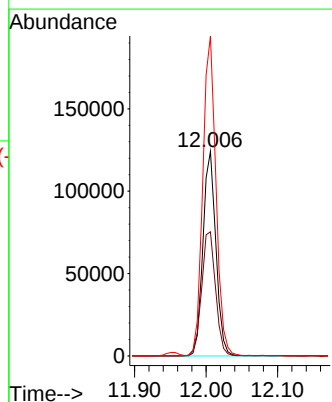
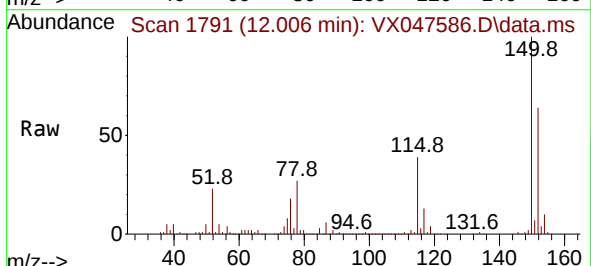
Tgt Ion:152 Resp: 156219

Ion Ratio Lower Upper

152 100

115 65.6 44.9 134.5

150 157.8 0.0 352.0

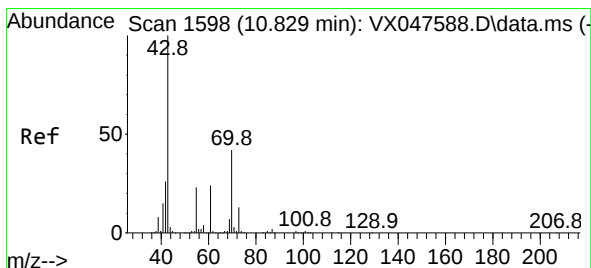
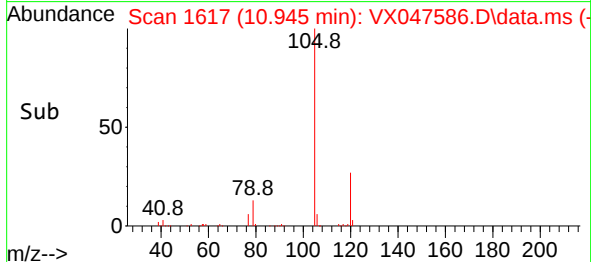
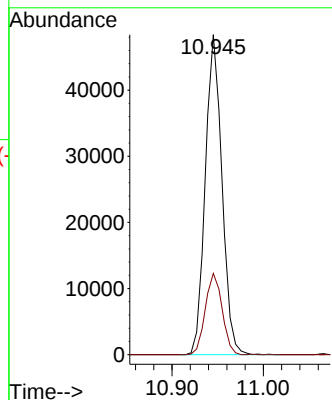
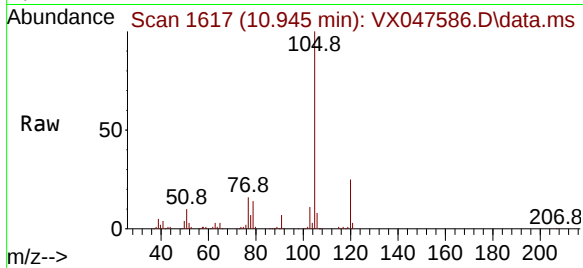




#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

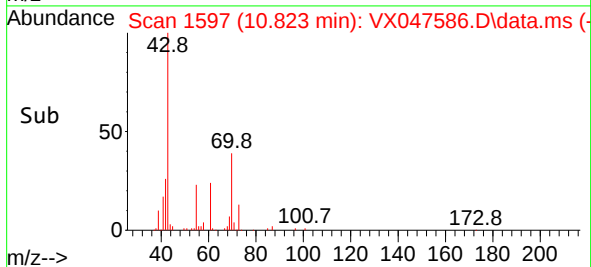
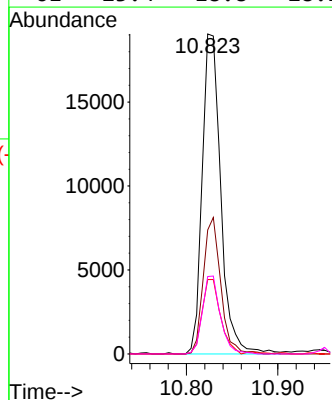
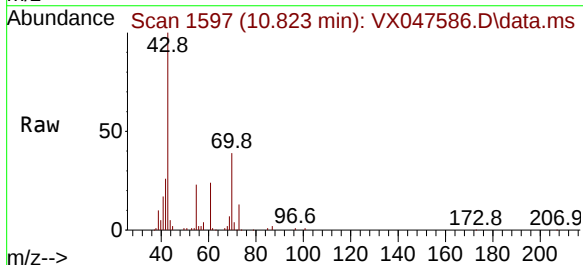
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 61029
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 26969
Ion Ratio Lower Upper
43 100
70 39.9 32.0 48.0
55 23.1 18.9 28.3
61 23.4 18.8 28.2

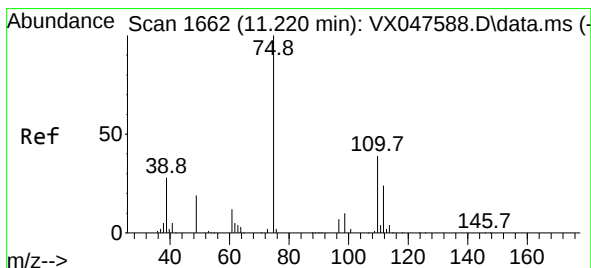
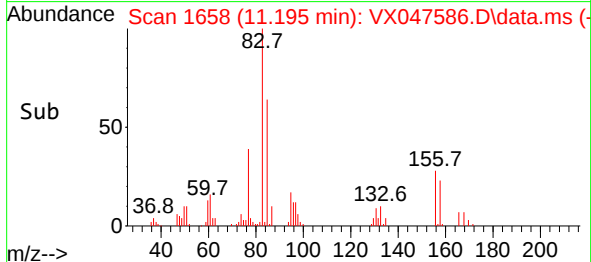
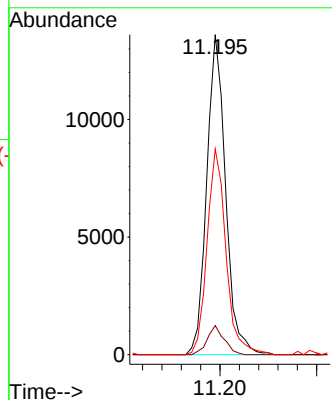
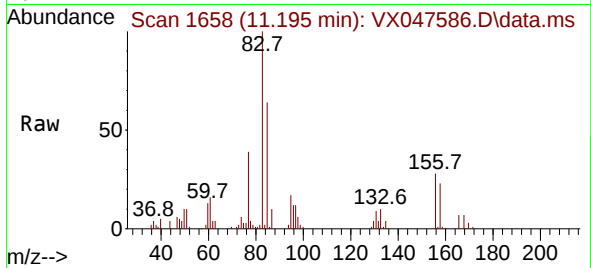




#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

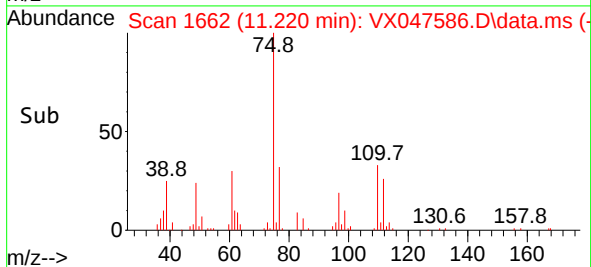
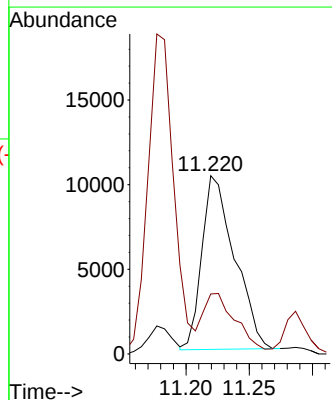
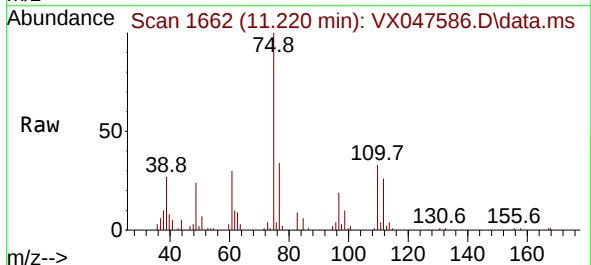
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

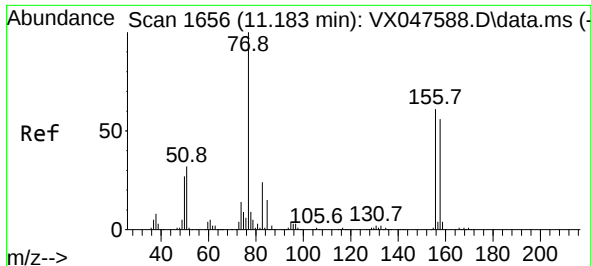
Tgt Ion: 83 Resp: 18462
Ion Ratio Lower Upper
83 100
131 8.2 5.0 14.9
85 64.4 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 5.847 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18494
Ion Ratio Lower Upper
75 100
77 35.0 18.8 56.4

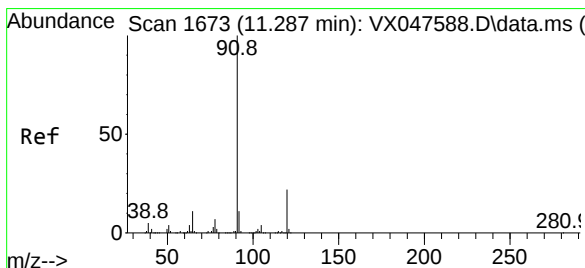
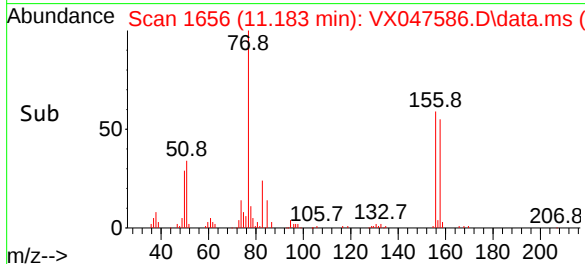
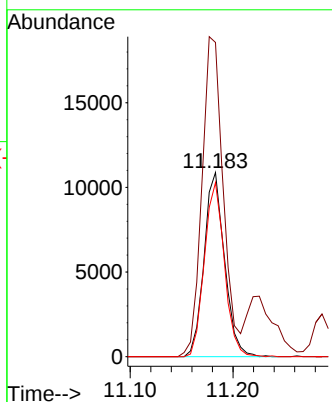
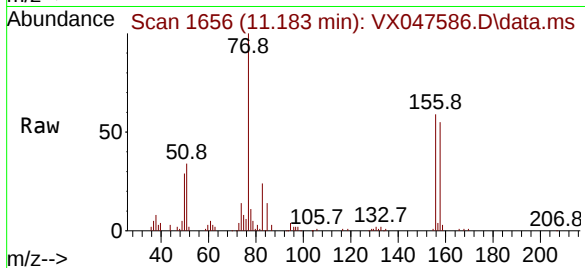




#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

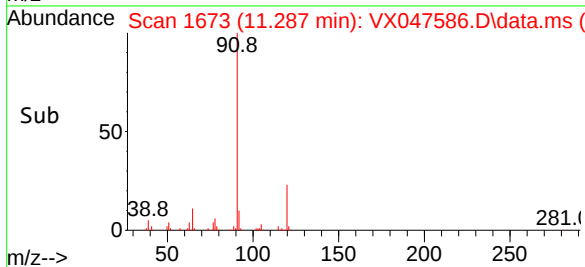
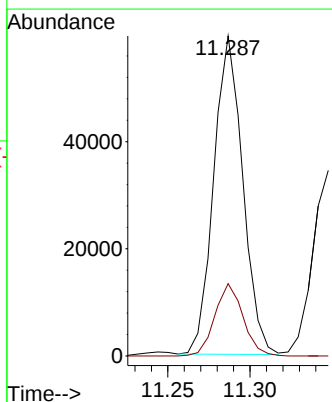
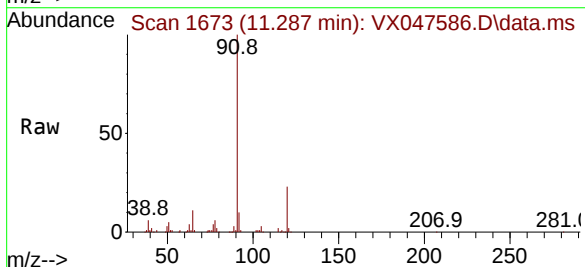
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

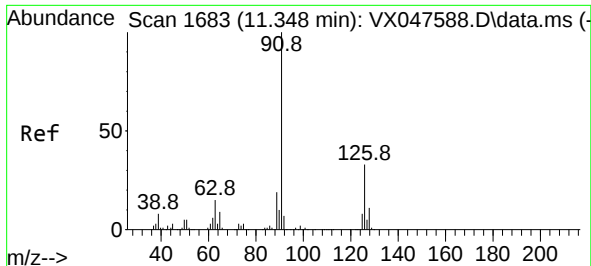
Tgt Ion:156 Resp: 15066
Ion Ratio Lower Upper
156 100
77 180.3 89.7 269.1
158 92.6 47.9 143.6



#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1

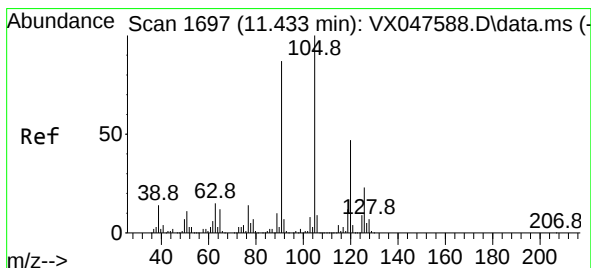
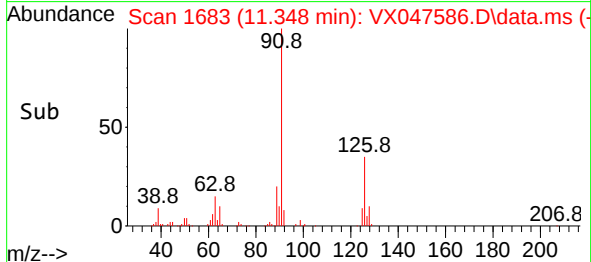
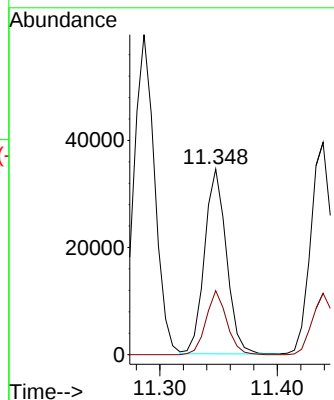
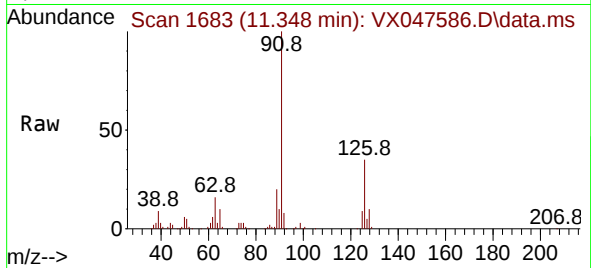




#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

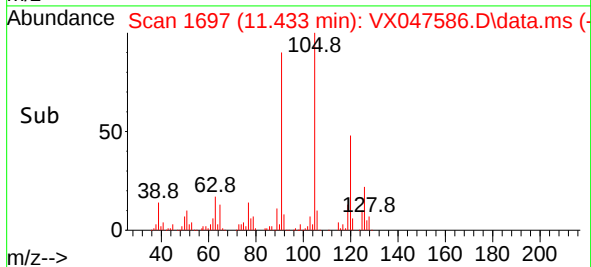
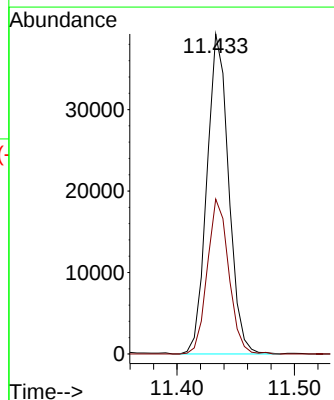
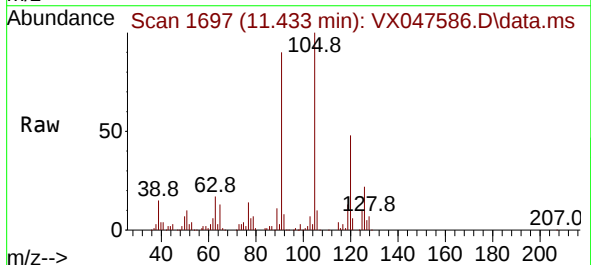
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

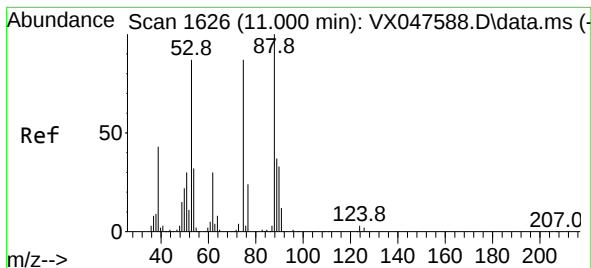
Tgt Ion: 91 Resp: 44663
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 105 Resp: 50535
Ion Ratio Lower Upper
105 100
120 47.7 23.6 70.8

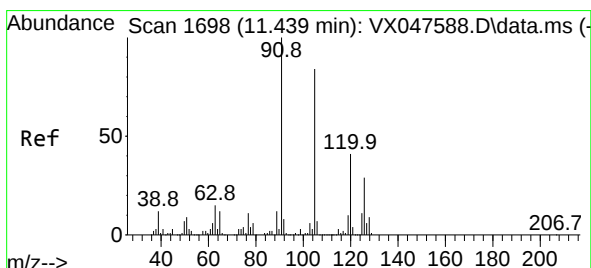
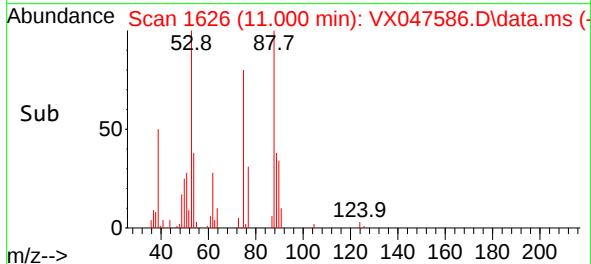
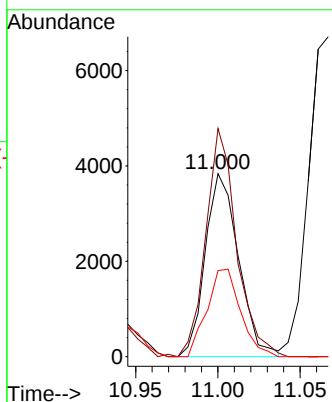
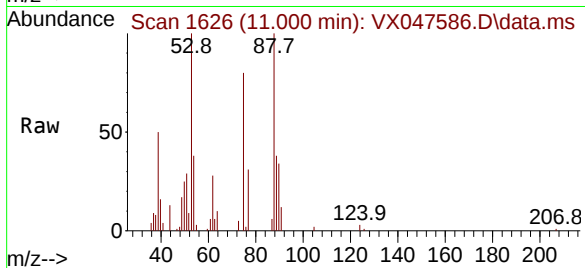




#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

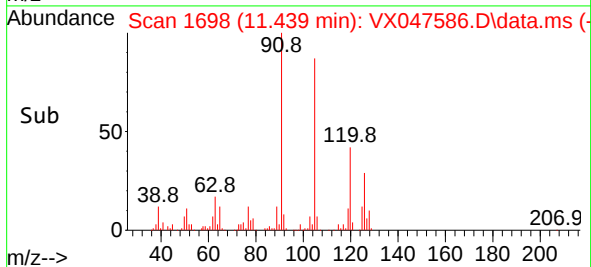
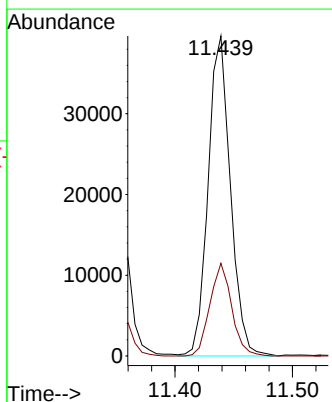
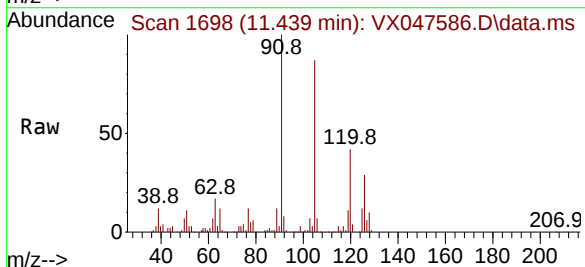
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

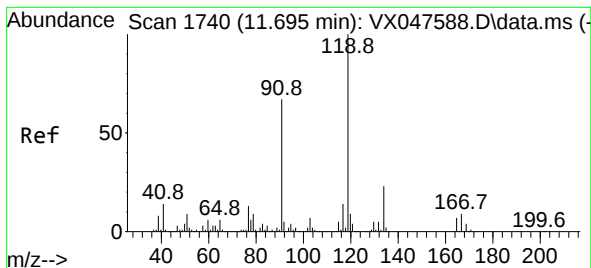
Tgt Ion: 75 Resp: 5413
Ion Ratio Lower Upper
75 100
53 114.9 83.4 125.2
89 48.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.041 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

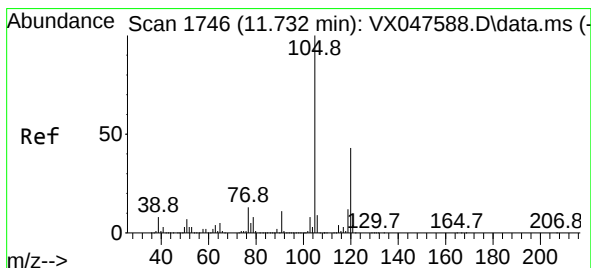
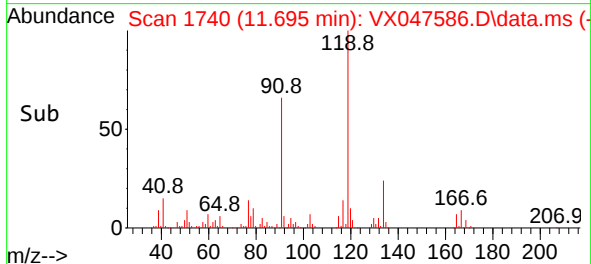
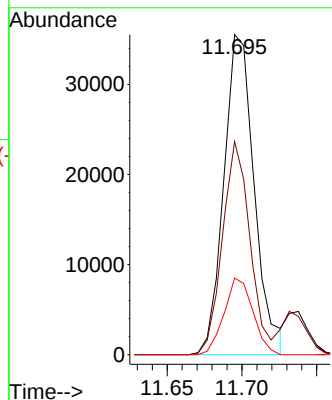
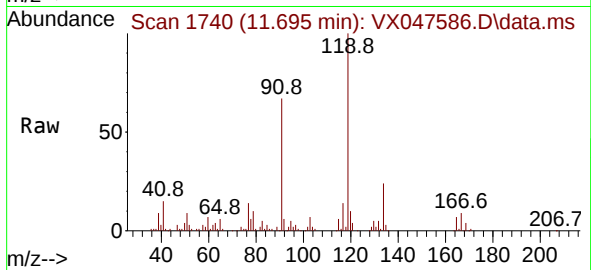
Tgt Ion:119 Resp: 50350

Ion Ratio Lower Upper

119 100

91 60.1 29.6 88.8

134 22.7 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 5.214 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047586.D

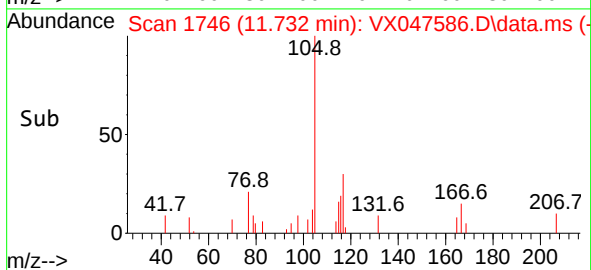
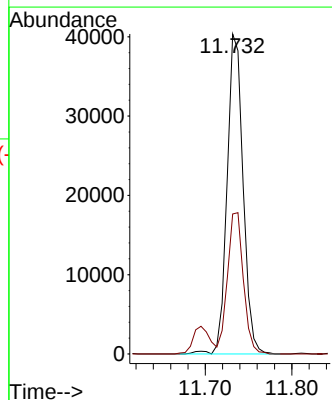
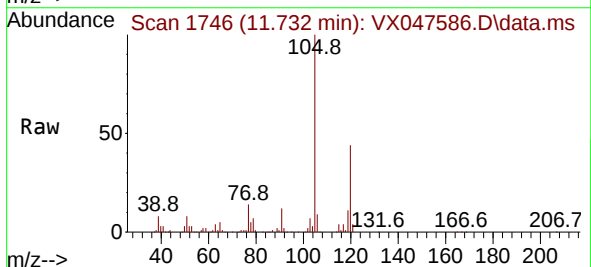
Acq: 16 Sep 2025 10:16

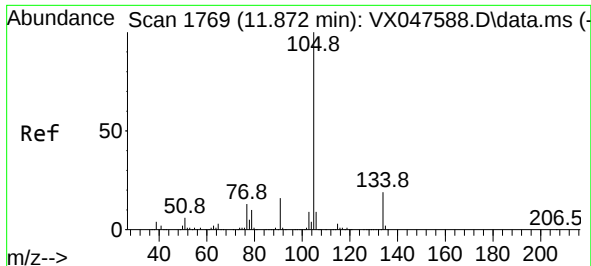
Tgt Ion:105 Resp: 51583

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.1

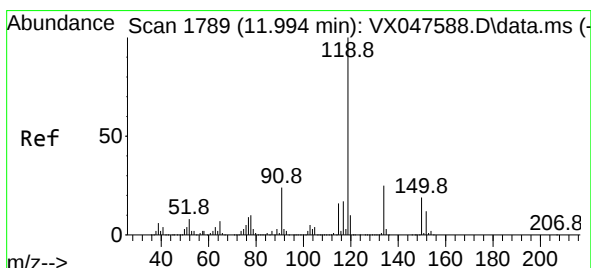
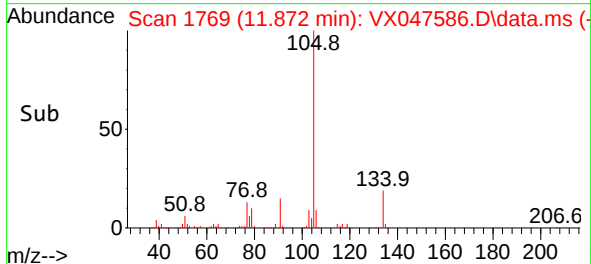
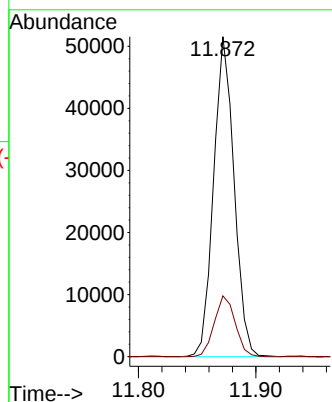
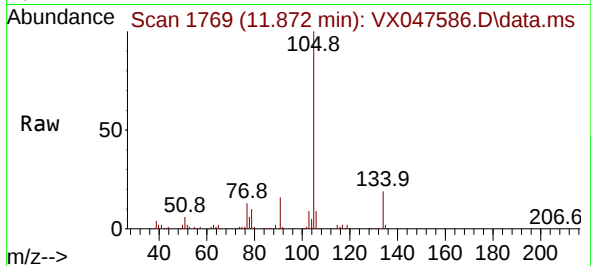




#85
 sec-Butylbenzene
 Concen: 5.268 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

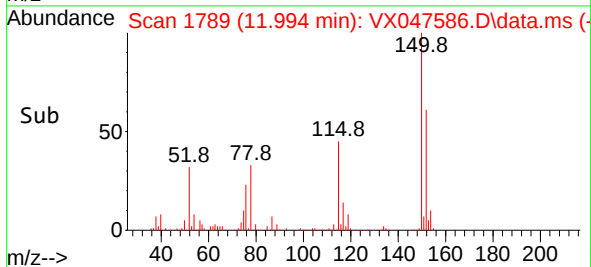
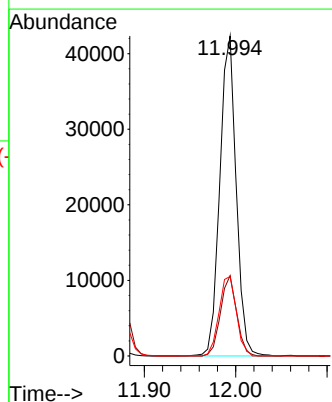
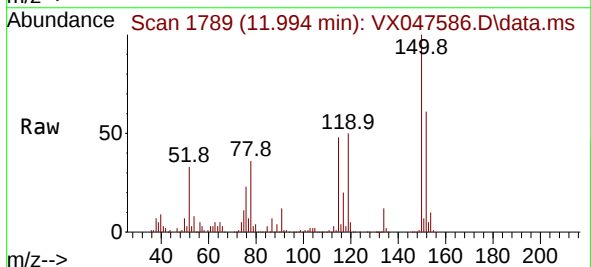
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

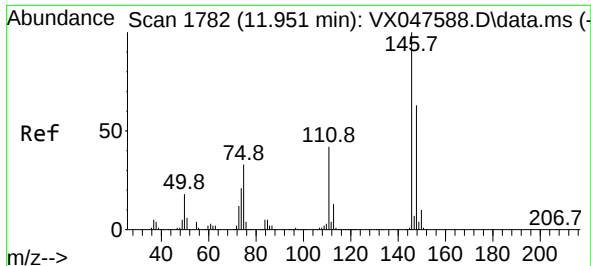
Tgt Ion:105 Resp: 62507
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 5.244 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 52674
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 26.2 12.6 37.6

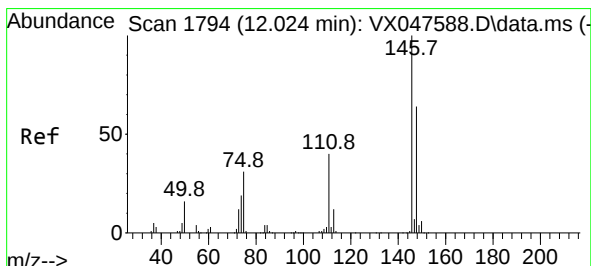
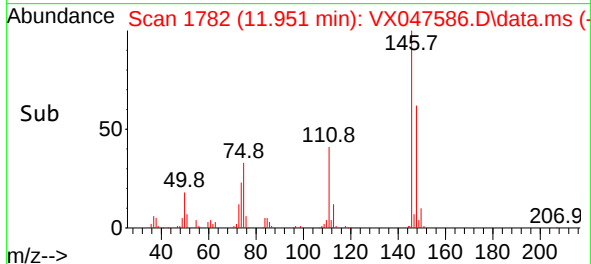
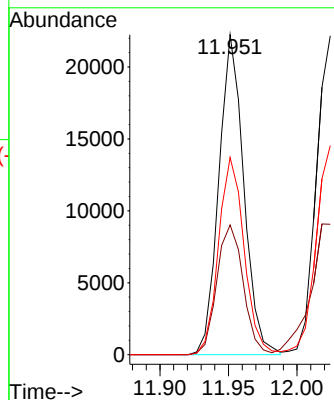
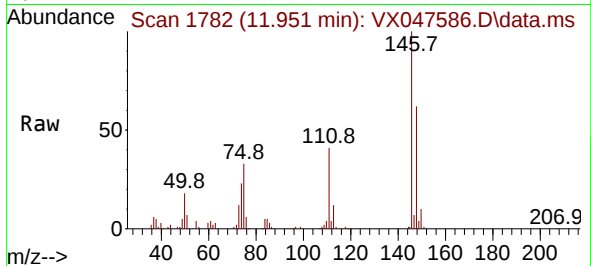




#87
 1,3-Dichlorobenzene
 Concen: 5.175 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

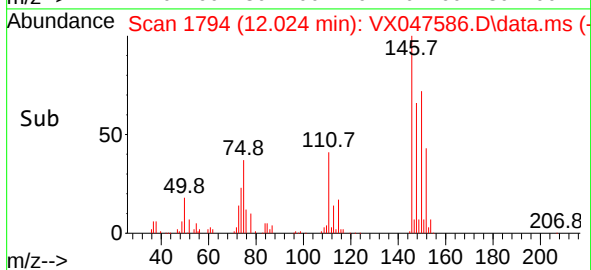
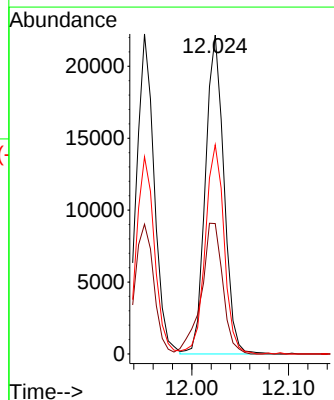
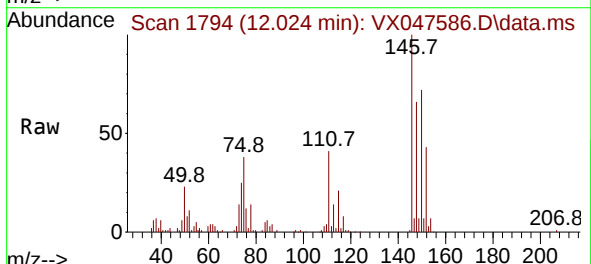
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

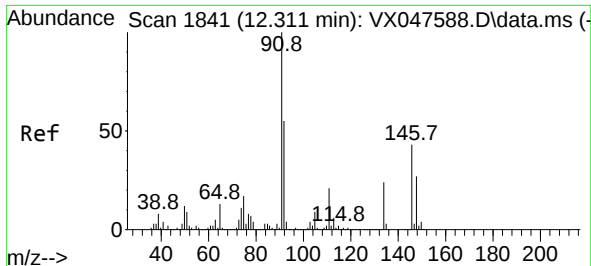
Tgt Ion:146 Resp: 28116
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.294 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX047586.D
 Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 29519
 Ion Ratio Lower Upper
 146 100
 111 47.8 20.8 62.4
 148 66.9 31.7 95.1





#89

n-Butylbenzene

Concen: 5.159 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

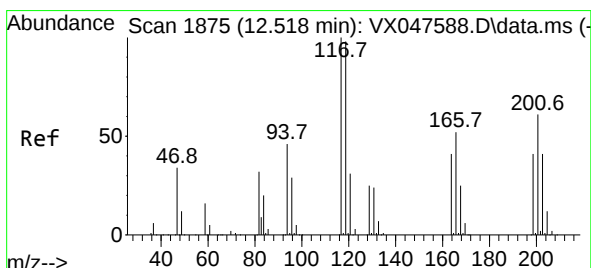
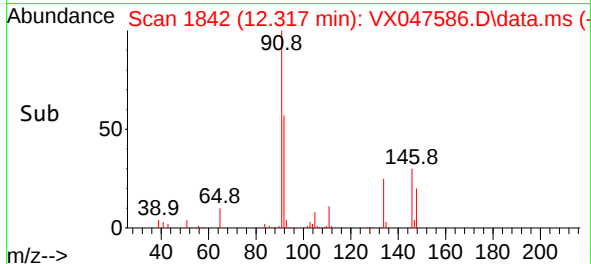
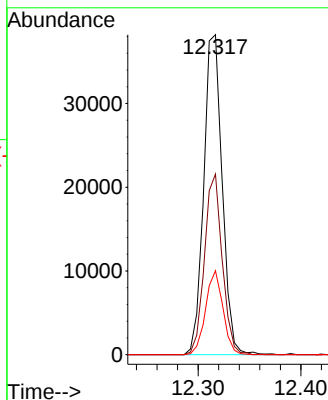
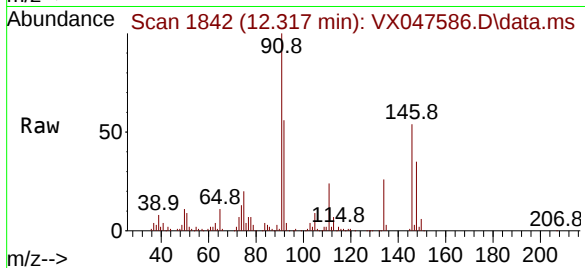
Tgt Ion: 91 Resp: 47953

Ion Ratio Lower Upper

91 100

92 54.1 27.6 82.7

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 5.007 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047586.D

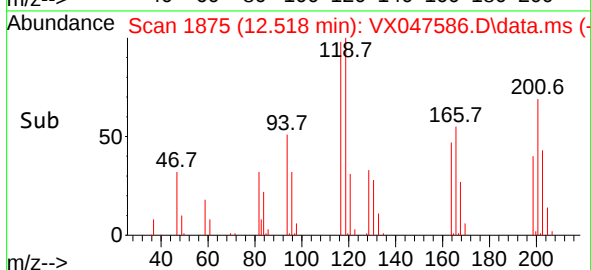
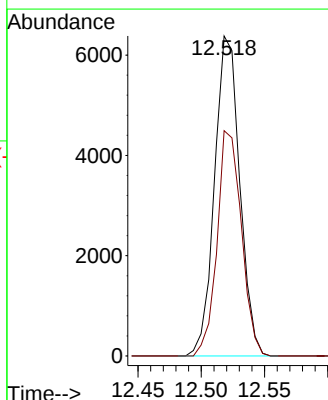
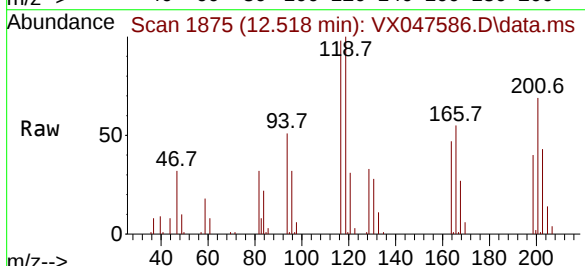
Acq: 16 Sep 2025 10:16

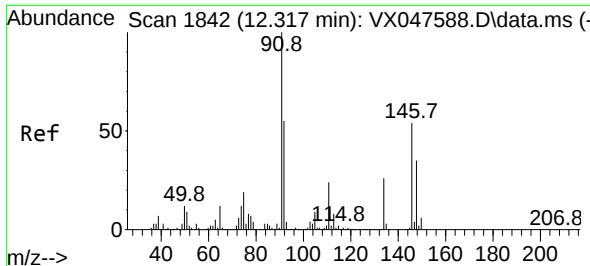
Tgt Ion: 117 Resp: 8830

Ion Ratio Lower Upper

117 100

201 67.9 34.2 102.5

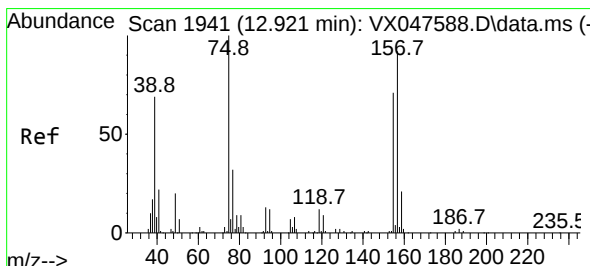
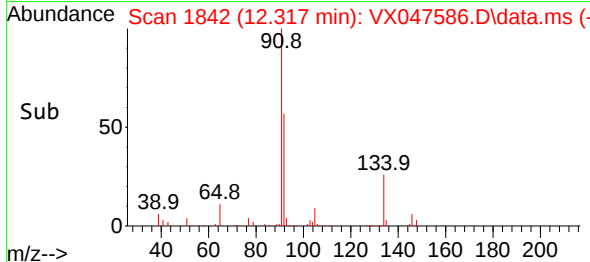
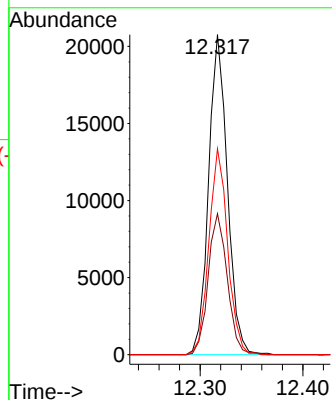
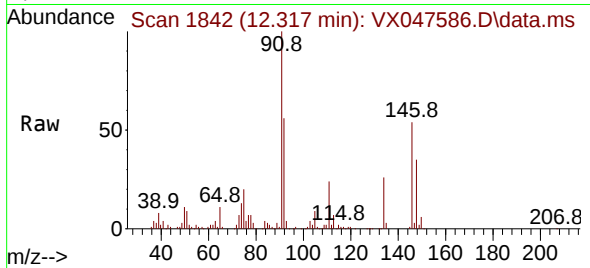




#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

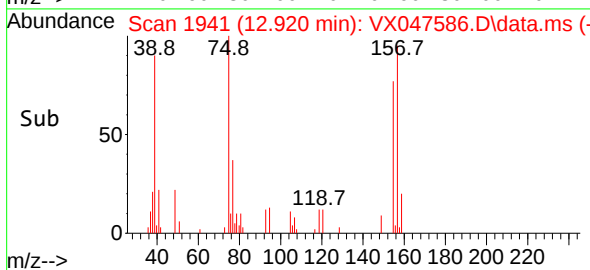
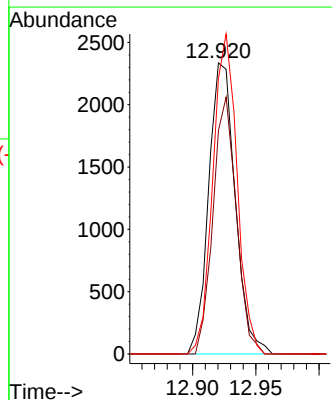
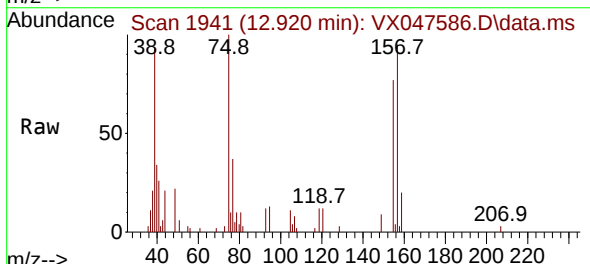
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

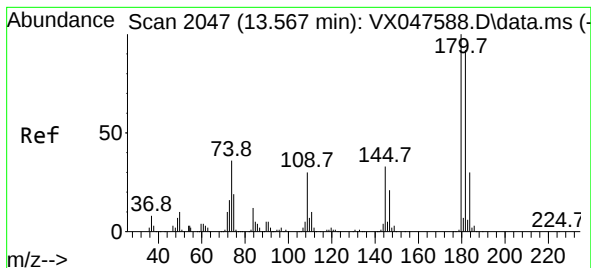
Tgt Ion:146 Resp: 26409
Ion Ratio Lower Upper
146 100
111 44.9 22.2 66.6
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 3412
Ion Ratio Lower Upper
75 100
155 77.4 37.7 113.1
157 100.1 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 5.103 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

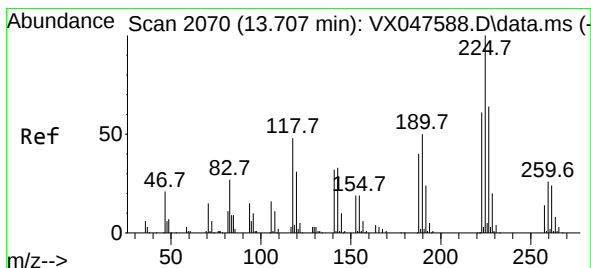
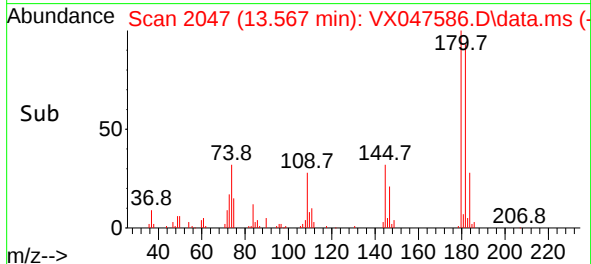
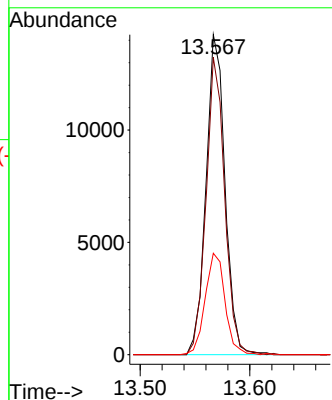
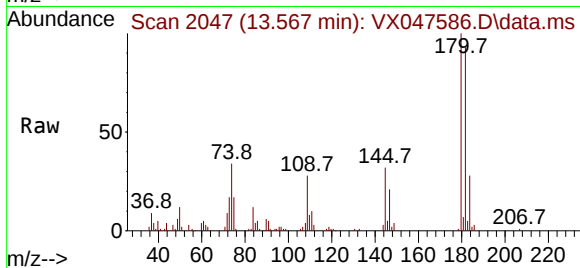
Tgt Ion:180 Resp: 17167

Ion Ratio Lower Upper

180 100

182 91.2 46.6 139.8

145 33.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 5.158 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

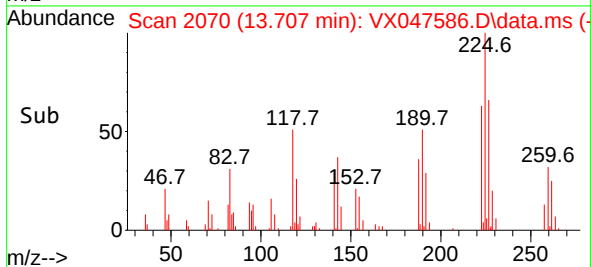
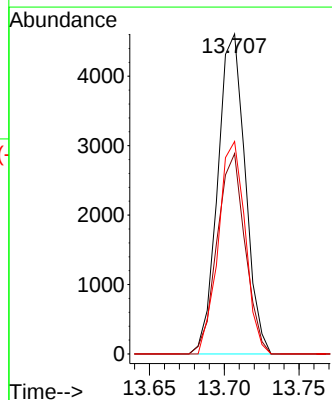
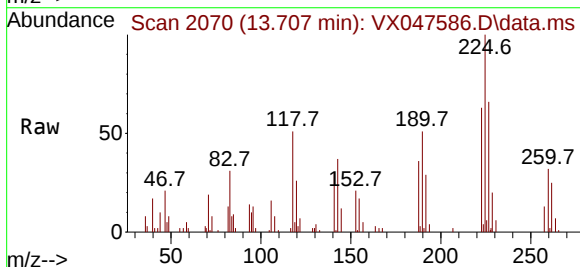
Tgt Ion:225 Resp: 5894

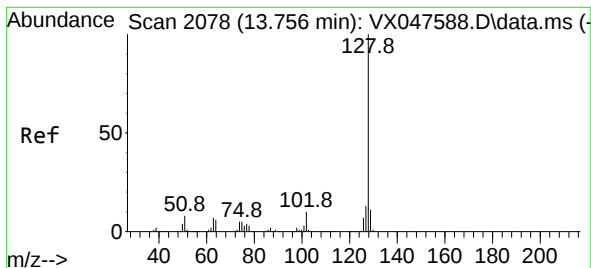
Ion Ratio Lower Upper

225 100

223 63.7 31.7 95.1

227 64.7 32.0 96.0





#95

Naphthalene

Concen: 4.808 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

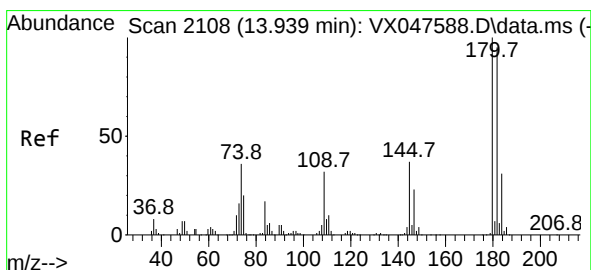
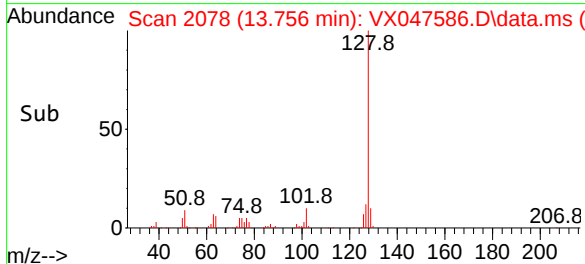
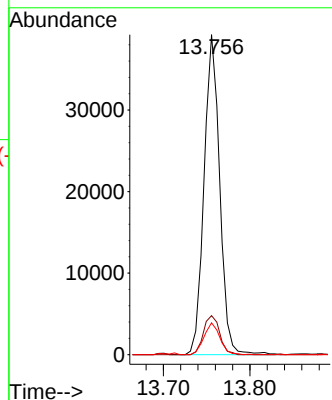
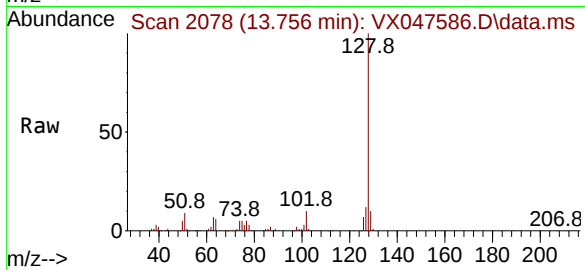
Tgt Ion:128 Resp: 49257

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.921 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047586.D

Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 15400

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.8

145 37.1 17.9 53.7

