

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048124.D
 Acq On : 10 Oct 2025 19:40
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 10 23:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	213821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99304	53.817	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.640%	
35) Dibromofluoromethane	5.373	113	73813	51.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	8.635	98	247909	49.962	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	11.061	95	102307	54.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	71543	59.599	ug/l	99
3) Chloromethane	1.301	50	86176	54.622	ug/l	99
4) Vinyl Chloride	1.380	62	92443	59.858	ug/l	98
5) Bromomethane	1.612	94	59066	60.314	ug/l	95
6) Chloroethane	1.691	64	58887	57.050	ug/l	96
7) Trichlorofluoromethane	1.898	101	133569	58.249	ug/l	99
8) Diethyl Ether	2.136	74	51311	54.701	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	75360	56.204	ug/l	100
10) Methyl Iodide	2.459	142	108727	51.994	ug/l	98
11) Tert butyl alcohol	2.947	59	46469	226.118	ug/l	98
12) 1,1-Dichloroethene	2.325	96	78691	57.134	ug/l	95
13) Acrolein	2.240	56	48494	256.068	ug/l	99
14) Allyl chloride	2.666	41	146978	51.715	ug/l	99
15) Acrylonitrile	3.056	53	207552	272.659	ug/l	99
16) Acetone	2.374	43	162518	202.563	ug/l	98
17) Carbon Disulfide	2.514	76	227932	60.452	ug/l	100
18) Methyl Acetate	2.703	43	83613	46.828	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	272093	54.118	ug/l	98
20) Methylene Chloride	2.788	84	95705	56.354	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	85855	57.899	ug/l	98
22) Diisopropyl ether	3.751	45	308357	55.983	ug/l #	80
23) Vinyl Acetate	3.715	43	1250296	283.620	ug/l	100
24) 1,1-Dichloroethane	3.605	63	165382	56.491	ug/l	97
25) 2-Butanone	4.544	43	245843	245.652	ug/l	97
26) 2,2-Dichloropropane	4.471	77	120065	49.337	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	103270	56.868	ug/l	97
28) Bromochloromethane	4.885	49	75279	58.900	ug/l	99
29) Tetrahydrofuran	4.989	42	154067	255.907	ug/l	99
30) Chloroform	5.087	83	170257	57.550	ug/l	94
31) Cyclohexane	5.465	56	136213	55.864	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	142215	56.674	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112448	53.664	ug/l	100
37) Ethyl Acetate	4.702	43	111112	49.524	ug/l	100
38) Carbon Tetrachloride	5.672	117	120916	53.110	ug/l	95
39) Methylcyclohexane	7.367	83	126913	53.357	ug/l	97
40) Benzene	6.025	78	353456	55.537	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	58889	50.842	ug/l	99
42) 1,2-Dichloroethane	6.074	62	131974	54.500	ug/l	100
43) Isopropyl Acetate	6.324	43	182608	49.627	ug/l	99
44) Trichloroethene	7.111	130	83781	54.451	ug/l	98
45) 1,2-Dichloropropane	7.415	63	90070	55.269	ug/l	99
46) Dibromomethane	7.568	93	66354	55.952	ug/l	99
47) Bromodichloromethane	7.806	83	134946	55.144	ug/l	99
48) Methyl methacrylate	7.678	41	93383	50.949	ug/l	99
49) 1,4-Dioxane	7.647	88	20865	1126.435	ug/l	96
51) 4-Methyl-2-Pentanone	8.562	43	527706	258.661	ug/l	100
52) Toluene	8.702	92	220041	56.118	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	133380	53.434	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	147096	55.133	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	82800	54.764	ug/l	96
56) Ethyl methacrylate	9.104	69	128555	54.141	ug/l	98
57) 1,3-Dichloropropane	9.293	76	146320	56.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	300624	263.994	ug/l	100
59) 2-Hexanone	9.415	43	359879	245.611	ug/l	99
60) Dibromochloromethane	9.507	129	99916	57.354	ug/l	100
61) 1,2-Dibromoethane	9.592	107	88086	57.200	ug/l	100
64) Tetrachloroethene	9.263	164	70394	53.291	ug/l	97
65) Chlorobenzene	10.061	112	242656	52.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	83378	52.488	ug/l	99
67) Ethyl Benzene	10.177	91	413625	52.075	ug/l	99
68) m/p-Xylenes	10.287	106	316828	107.168	ug/l	98
69) o-Xylene	10.622	106	149891	52.418	ug/l	99
70) Styrene	10.640	104	264817	52.853	ug/l	98
71) Bromoform	10.781	173	60646	51.130	ug/l #	99
73) Isopropylbenzene	10.945	105	377029	45.514	ug/l	98
74) N-amyl acetate	10.829	43	162680	43.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	113538	45.302	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	124754	56.550	ug/l	90
77) Bromobenzene	11.183	156	96645	47.370	ug/l	97
78) n-propylbenzene	11.287	91	455204	46.485	ug/l	99
79) 2-Chlorotoluene	11.348	91	276346	46.076	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	316254	46.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	33955	39.251	ug/l	100
82) 4-Chlorotoluene	11.439	91	328330	46.351	ug/l	99
83) tert-Butylbenzene	11.695	119	315475	45.281	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	324439	47.020	ug/l	99
85) sec-Butylbenzene	11.872	105	379460	45.854	ug/l	100
86) p-Isopropyltoluene	11.994	119	319363	45.585	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	174074	45.935	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	175818	45.205	ug/l	100
89) n-Butylbenzene	12.317	91	293175	45.225	ug/l	99
90) Hexachloroethane	12.518	117	57744	46.945	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	167273	46.332	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	21745	42.854	ug/l	100
93) 1,2,4-Trichlorobenzene	13.567	180	102039	43.488	ug/l	98
94) Hexachlorobutadiene	13.707	225	34201	42.912	ug/l	99
95) Naphthalene	13.756	128	310337	43.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	95358	43.689	ug/l	99

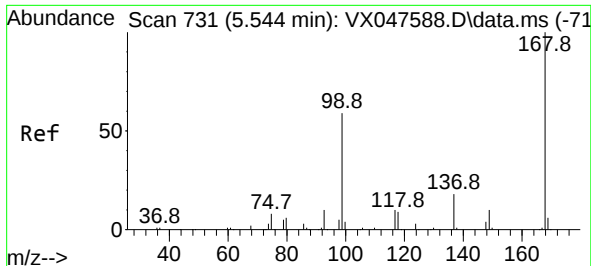
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Response via : Initial Calibration

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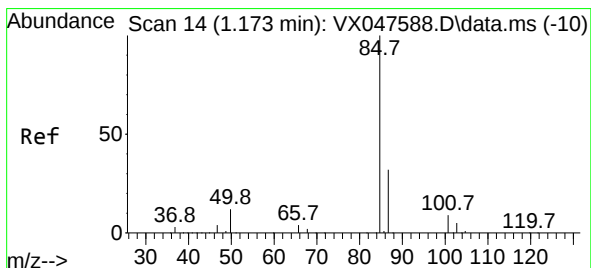
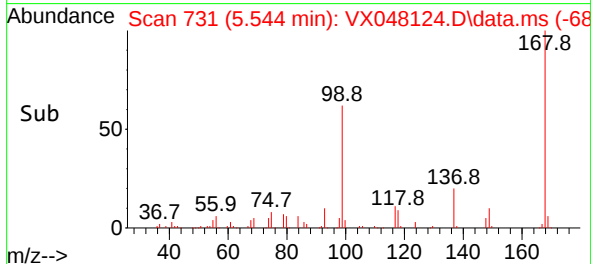
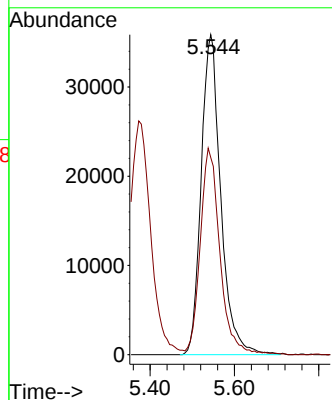
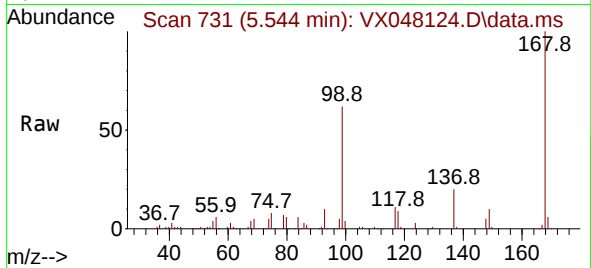
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

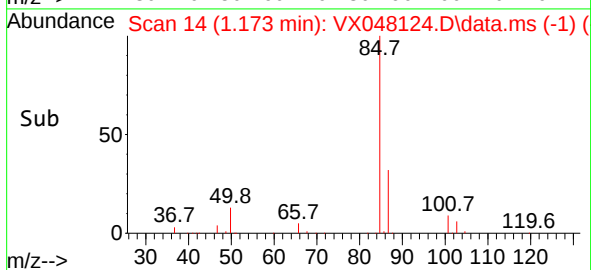
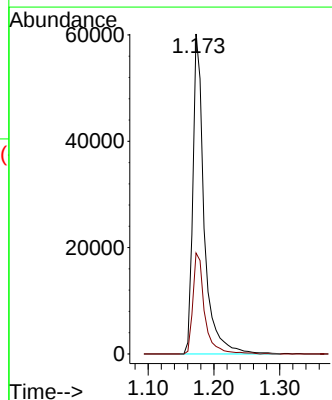
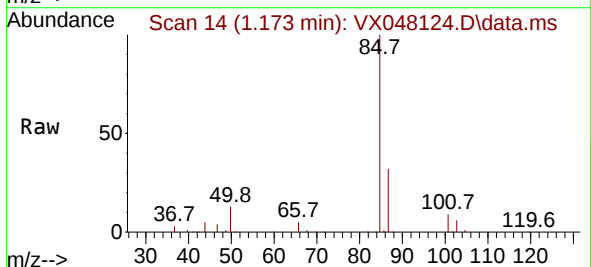
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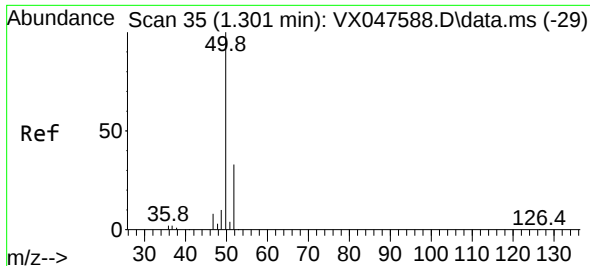
Tgt Ion:168 Resp: 115924
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 59.599 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 85 Resp: 71543
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.3

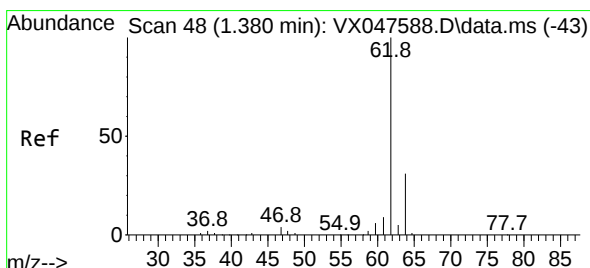
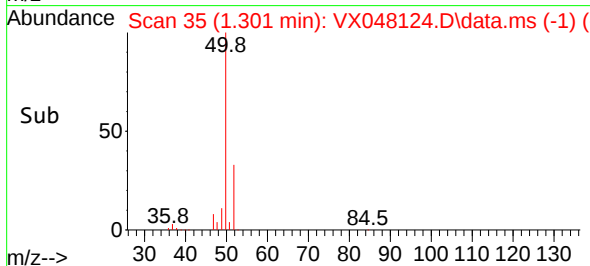
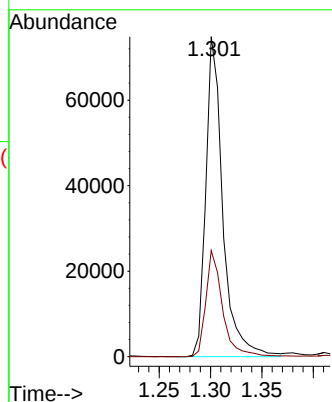
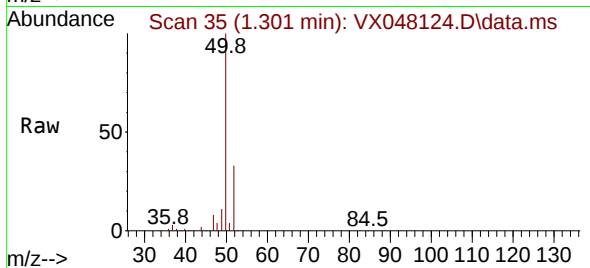




#3
Chloromethane
Concen: 54.622 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

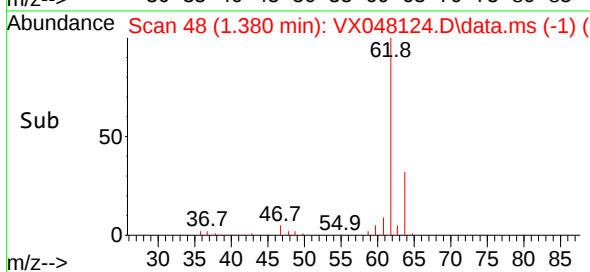
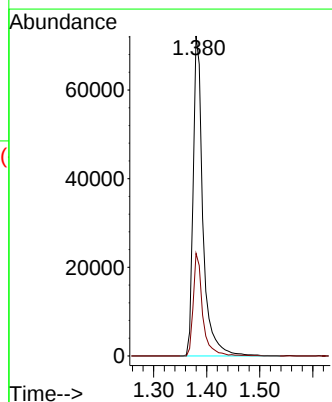
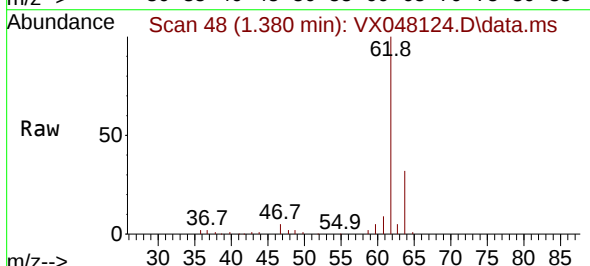
Instrument :
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ClientSampleId :
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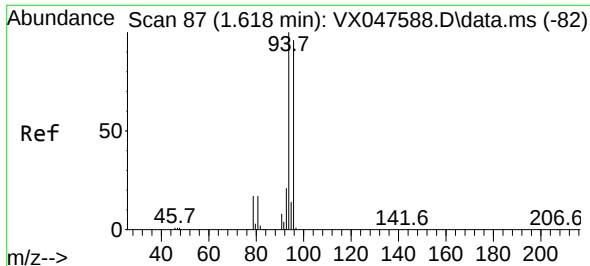
Tgt Ion: 50 Resp: 86176
Ion Ratio Lower Upper
50 100
52 33.2 26.1 39.1



#4
Vinyl Chloride
Concen: 59.858 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 62 Resp: 92443
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3

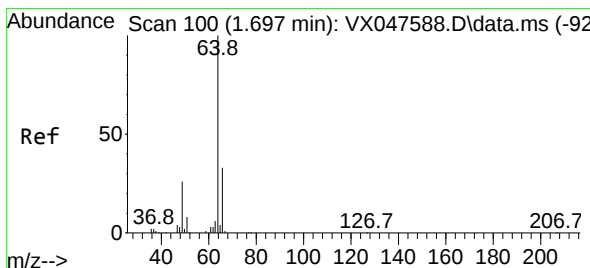
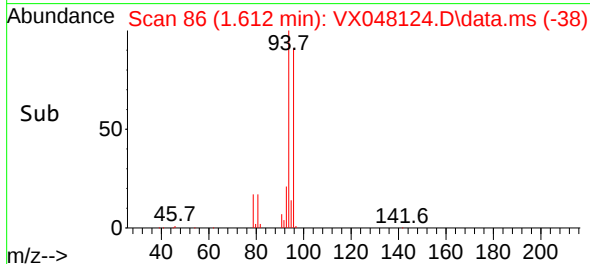
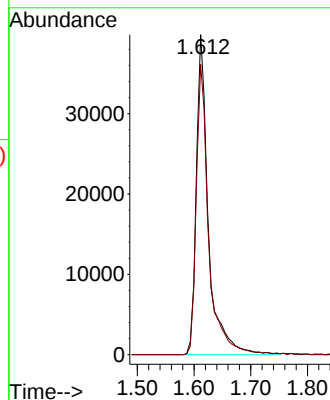
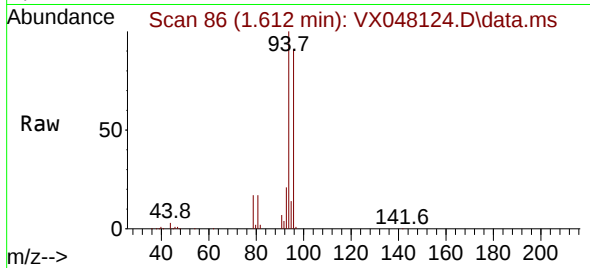




#5
Bromomethane
Concen: 60.314 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

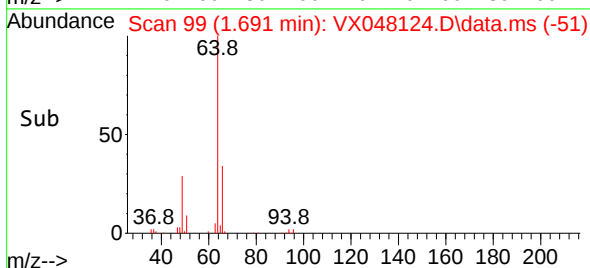
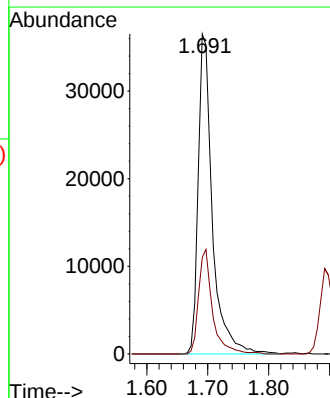
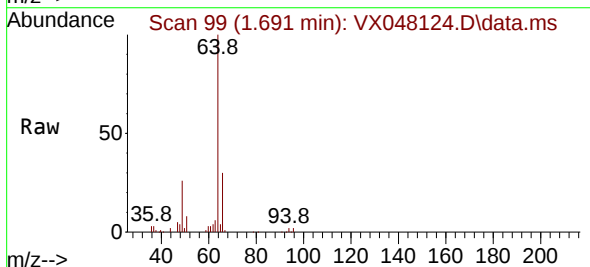
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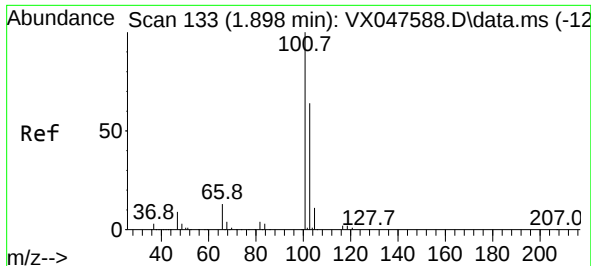
Tgt Ion: 94 Resp: 59066
Ion Ratio Lower Upper
94 100
96 90.7 76.6 115.0



#6
Chloroethane
Concen: 57.050 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 64 Resp: 58887
Ion Ratio Lower Upper
64 100
66 30.1 26.1 39.1

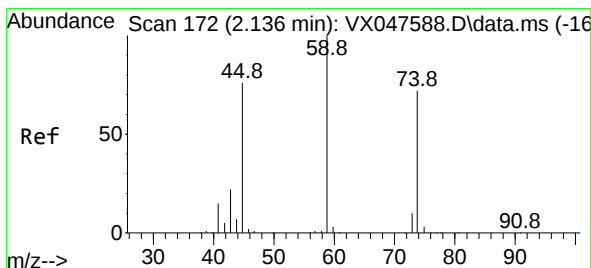
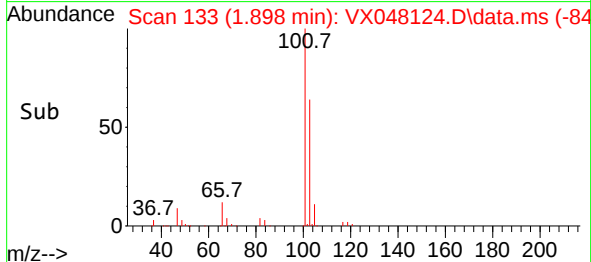
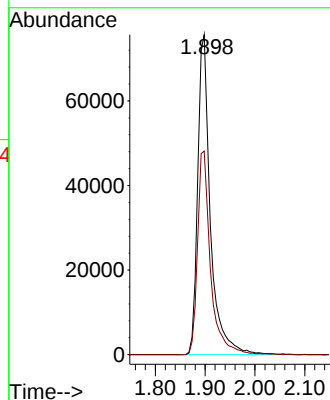
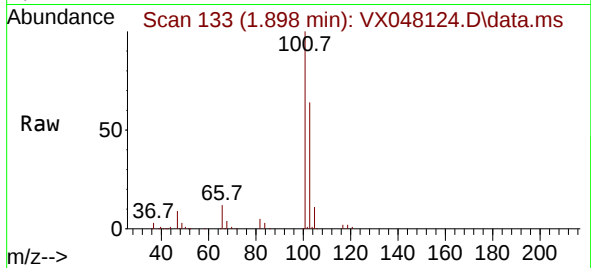




#7
Trichlorofluoromethane
Concen: 58.249 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

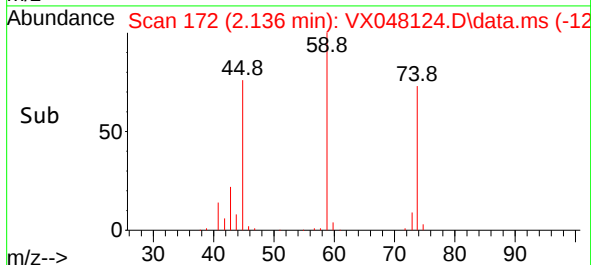
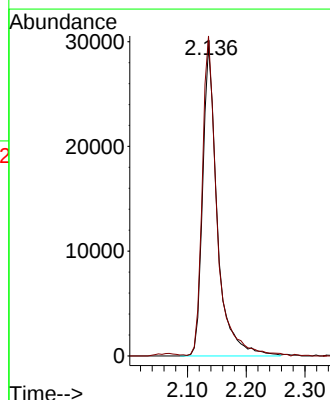
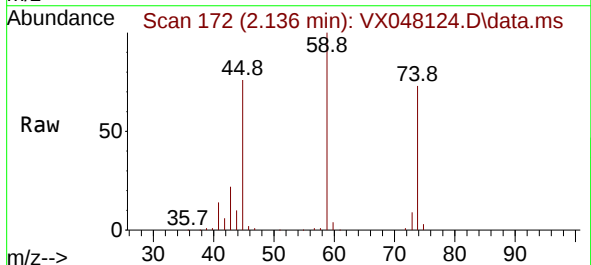
Instrument :
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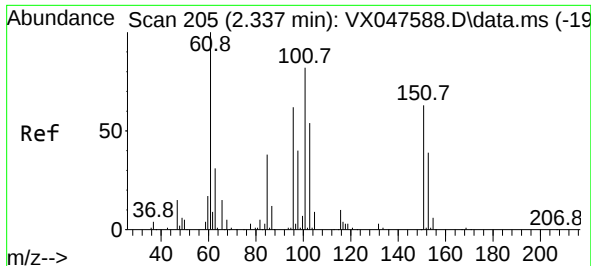
Tgt Ion:101 Resp: 133569
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2



#8
Diethyl Ether
Concen: 54.701 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 74 Resp: 51311
Ion Ratio Lower Upper
74 100
45 104.5 52.3 156.8

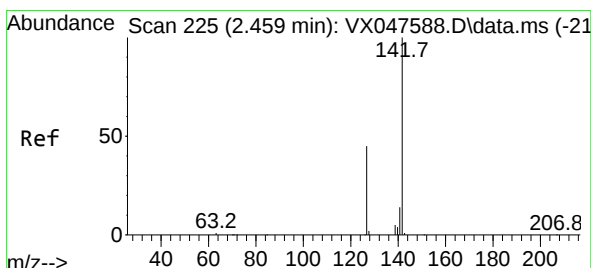
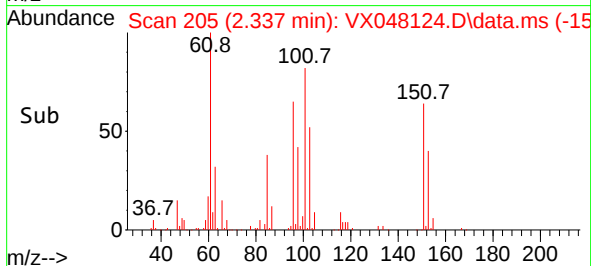
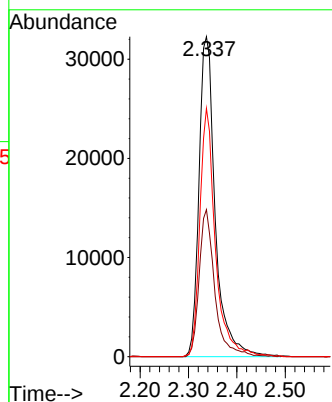
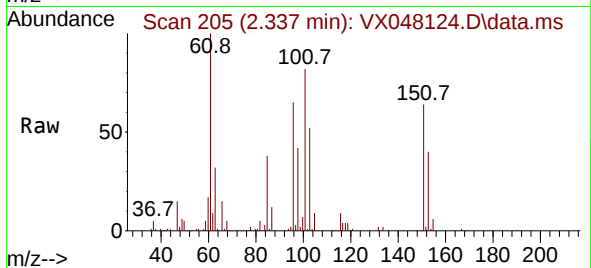




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.204 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048124.D
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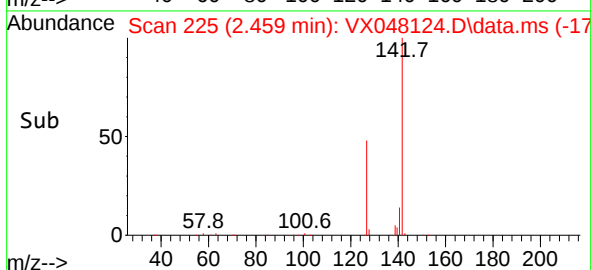
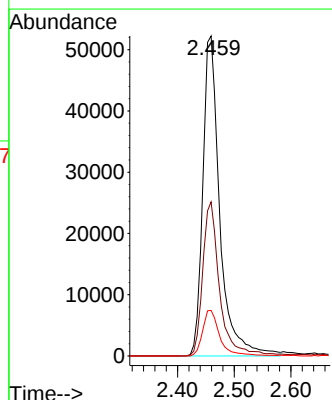
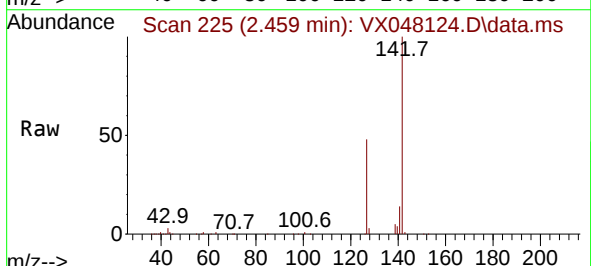
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

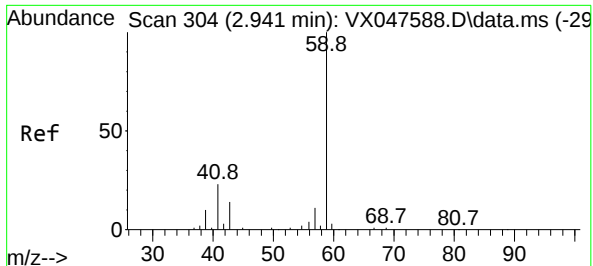
Tgt Ion:	101	Resp:	75360
Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.5	53.3
151	74.6	59.4	89.0



#10
Methyl Iodide
Concen: 51.994 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:	142	Resp:	108727
Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.2	55.8
141	14.4	11.4	17.0

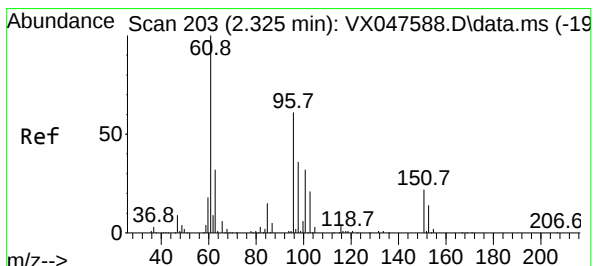
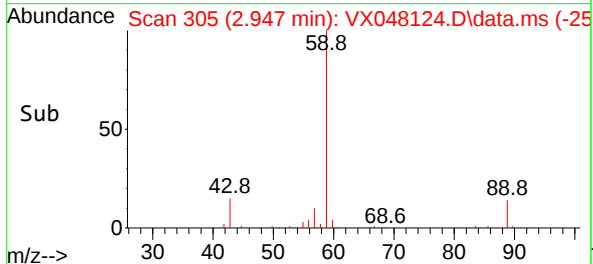
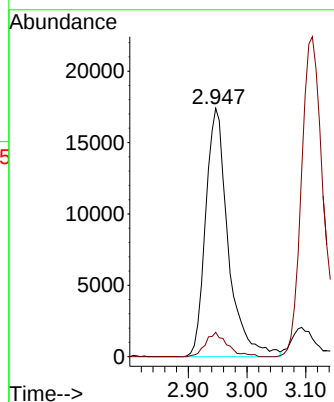
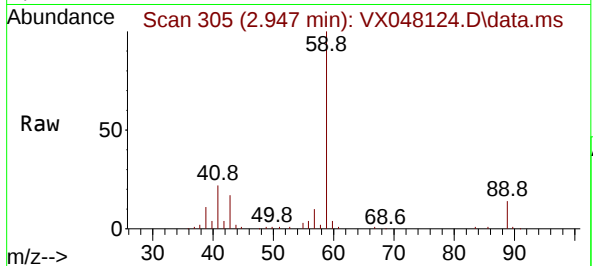




#11
Tert butyl alcohol
Concen: 226.118 ug/l
RT: 2.947 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

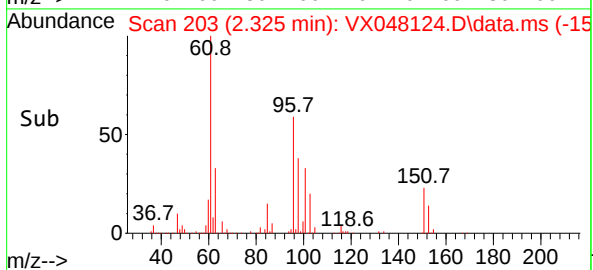
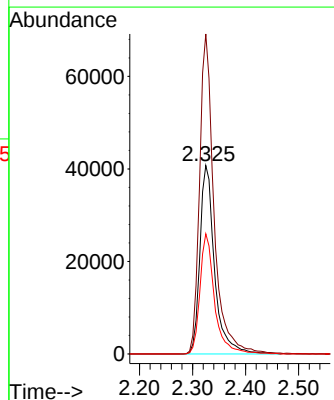
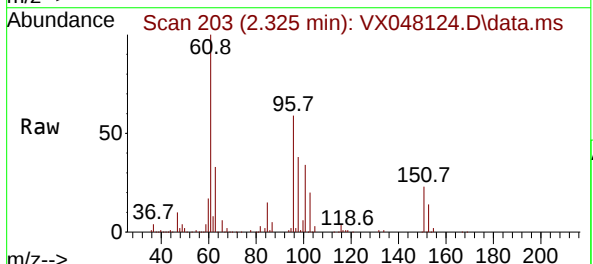
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

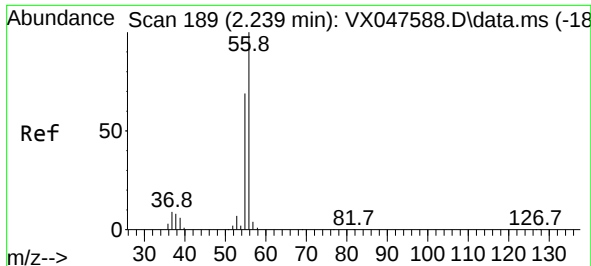
Tgt Ion: 59 Resp: 46469
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 57.134 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 96 Resp: 78691
Ion Ratio Lower Upper
96 100
61 169.8 131.0 196.6
98 63.8 47.7 71.5

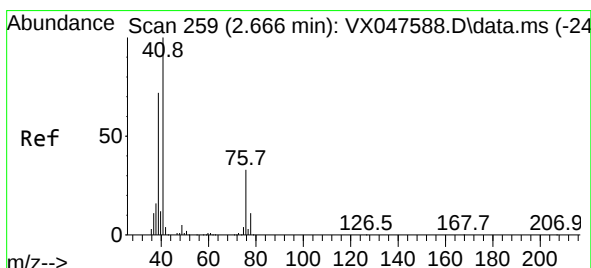
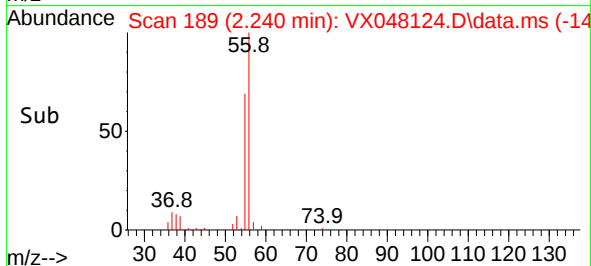
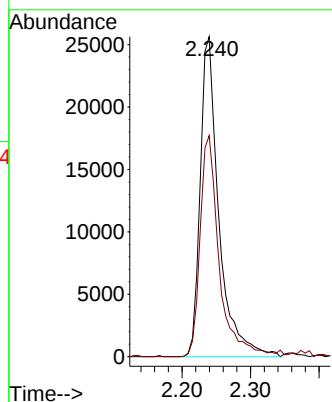
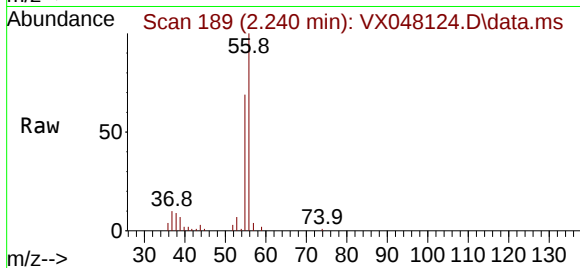




#13
 Acrolein
 Concen: 256.068 ug/l
 RT: 2.240 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

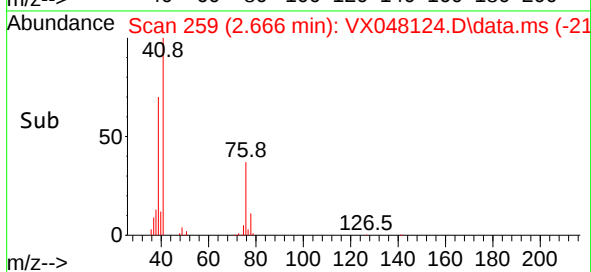
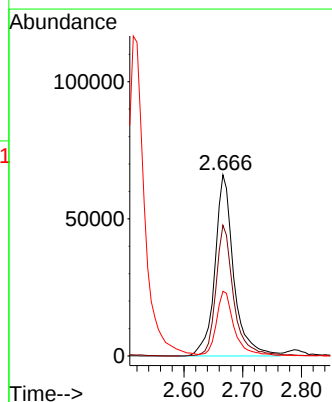
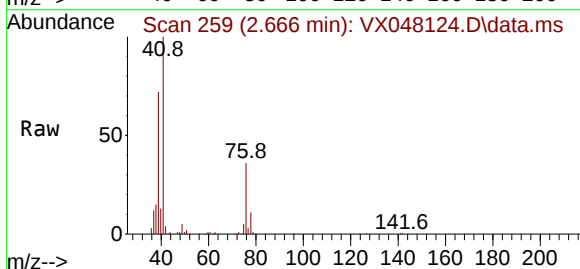
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

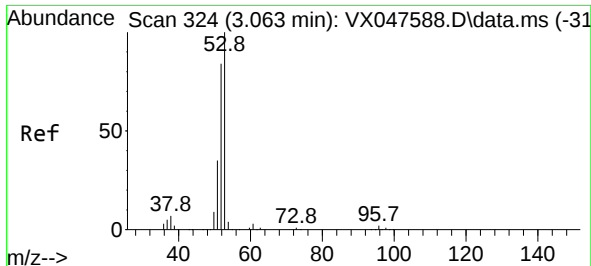
Tgt Ion: 56 Resp: 48494
 Ion Ratio Lower Upper
 56 100
 55 70.7 57.2 85.8



#14
 Allyl chloride
 Concen: 51.715 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 146978
 Ion Ratio Lower Upper
 41 100
 39 68.3 54.7 82.1
 76 33.9 25.7 38.5

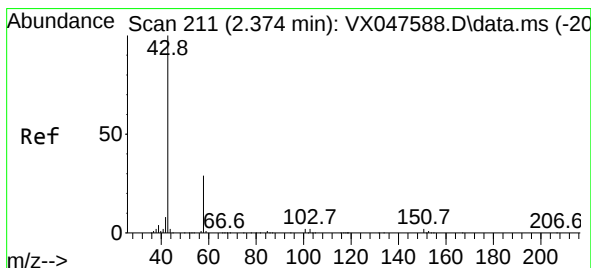
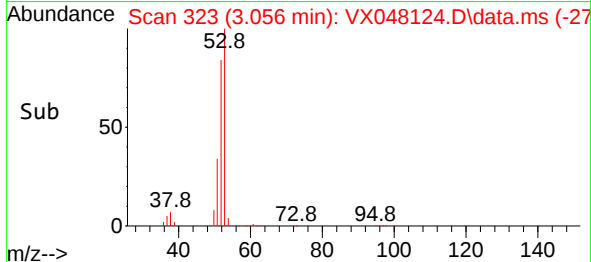
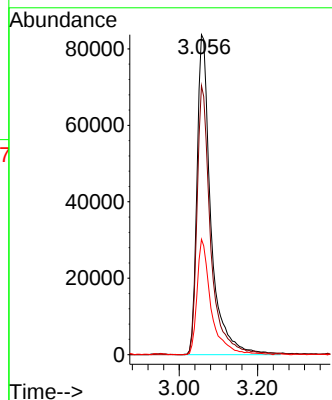
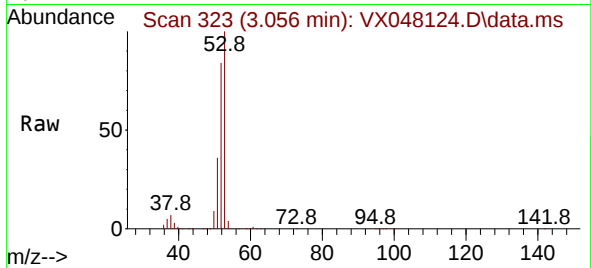




#15
Acrylonitrile
Concen: 272.659 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

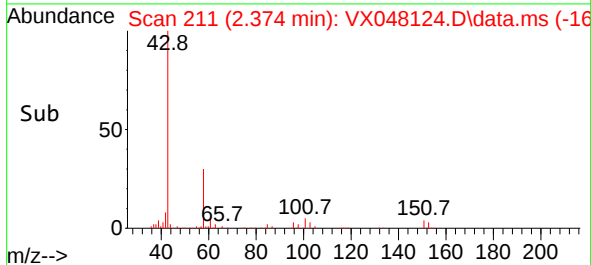
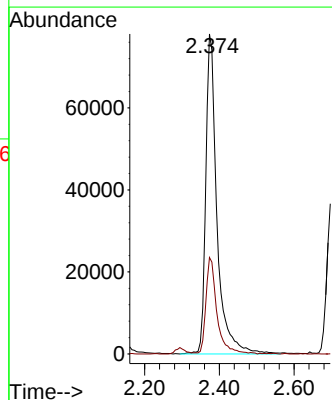
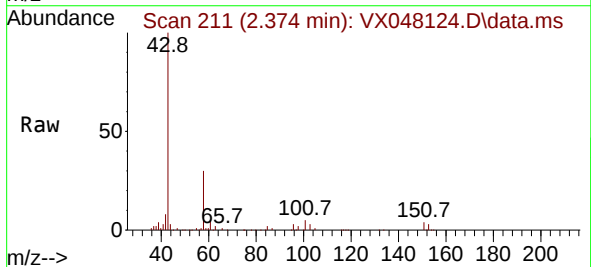
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

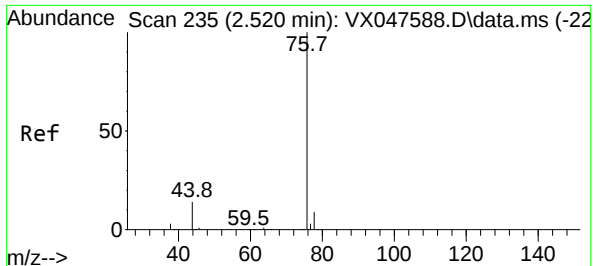
Tgt Ion: 53 Resp: 207552
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 36.6 29.5 44.3



#16
Acetone
Concen: 202.563 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 162518
Ion Ratio Lower Upper
43 100
58 30.2 23.4 35.0





#17

Carbon Disulfide

Concen: 60.452 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

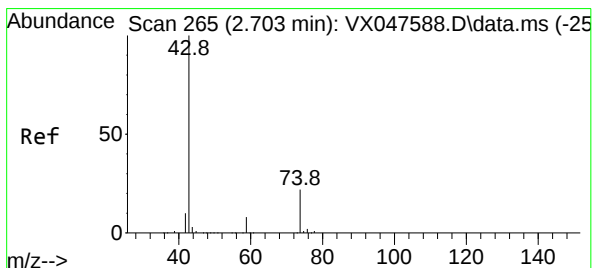
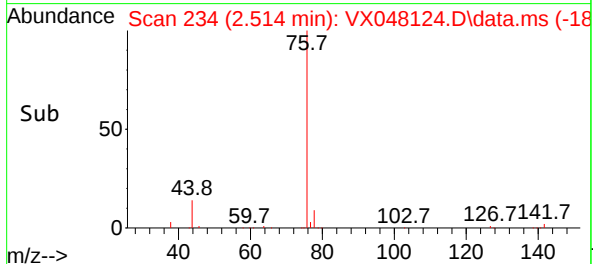
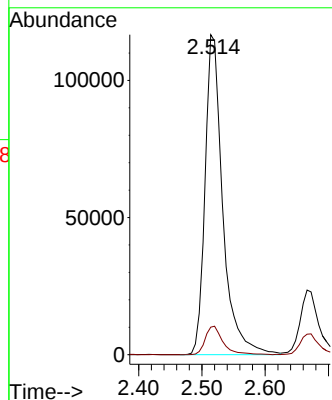
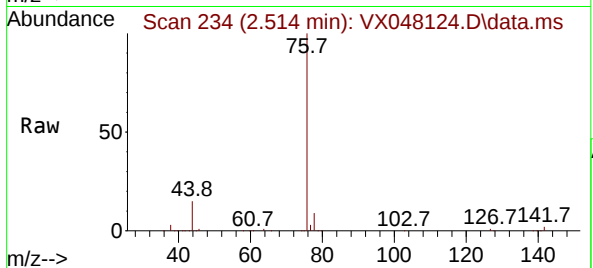
VSTDCCC050EC

Tgt Ion: 76 Resp: 227932

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 46.828 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX048124.D

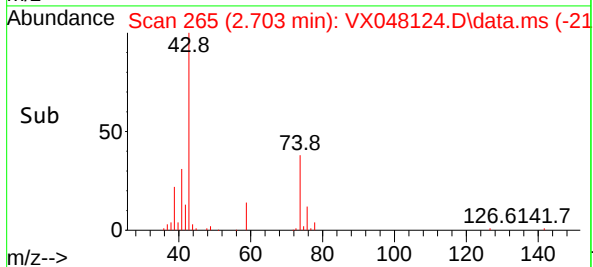
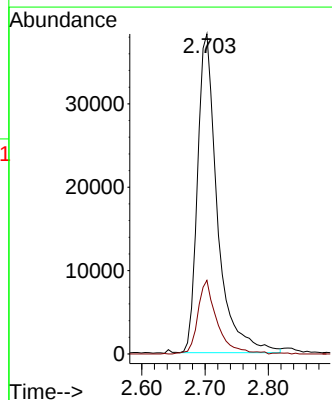
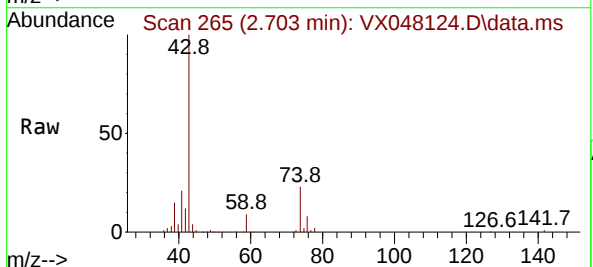
Acq: 10 Oct 2025 19:40

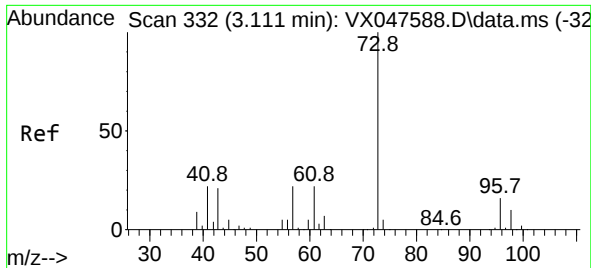
Tgt Ion: 43 Resp: 83613

Ion Ratio Lower Upper

43 100

74 22.4 17.4 26.2

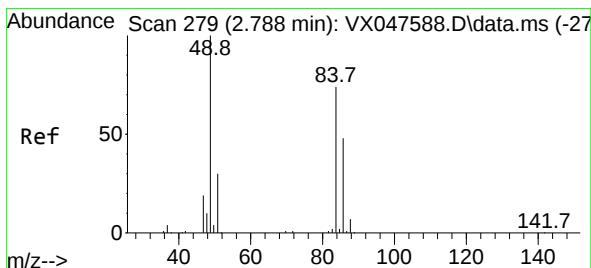
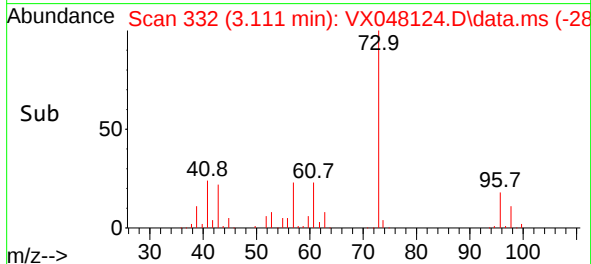
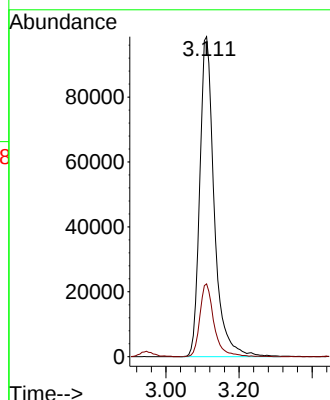
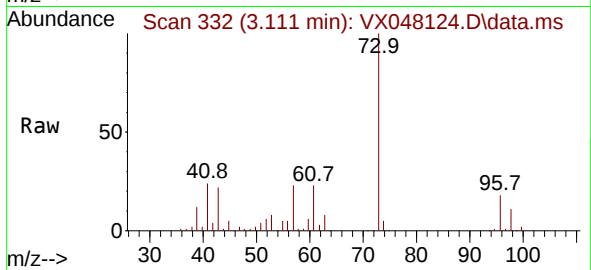




#19
Methyl tert-butyl Ether
Concen: 54.118 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

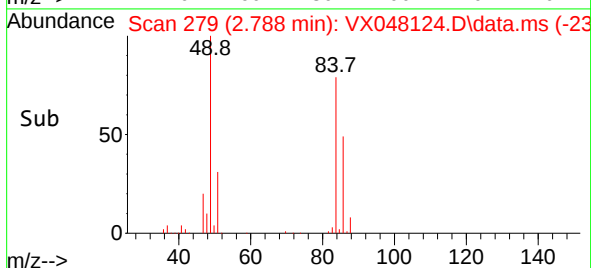
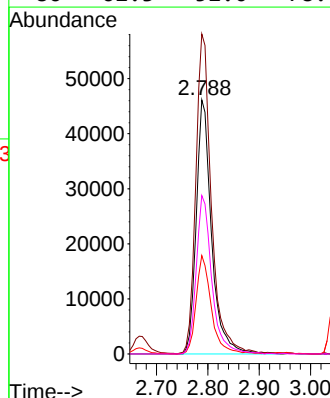
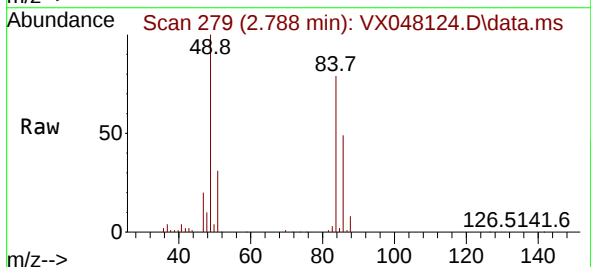
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

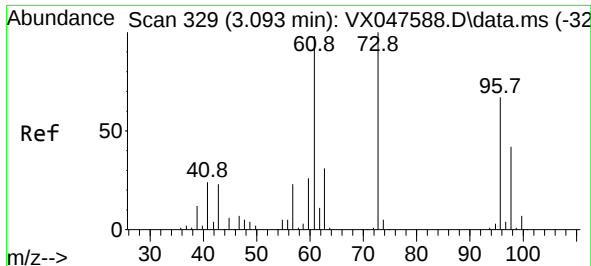
Tgt Ion: 73 Resp: 272093
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 56.354 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 84 Resp: 95705
Ion Ratio Lower Upper
84 100
49 125.6 108.6 162.8
51 38.6 32.6 48.8
86 62.3 52.0 78.0

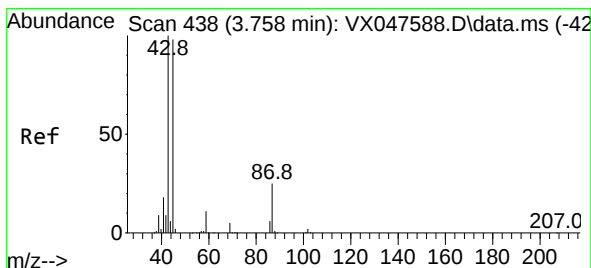
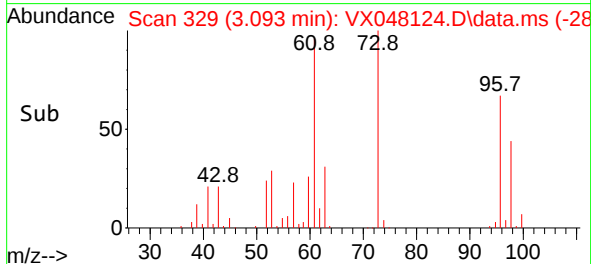
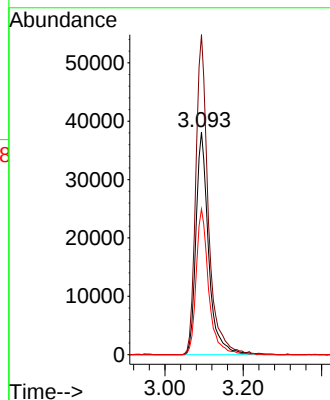
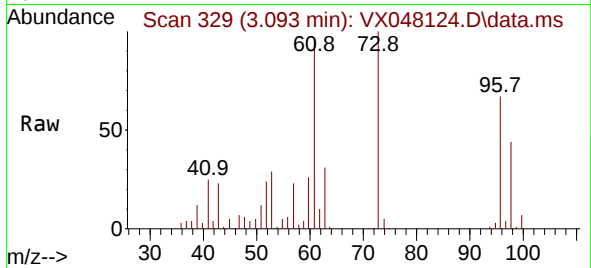




#21
trans-1,2-Dichloroethene
Concen: 57.899 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

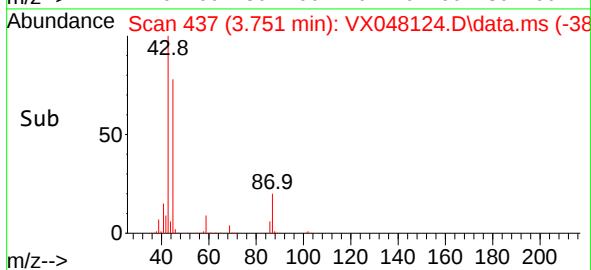
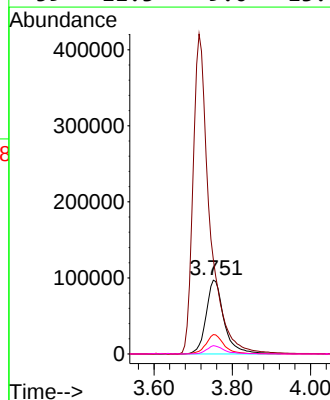
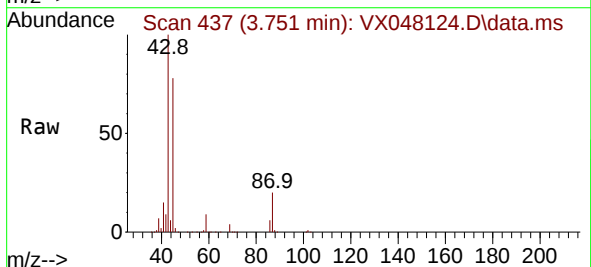
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

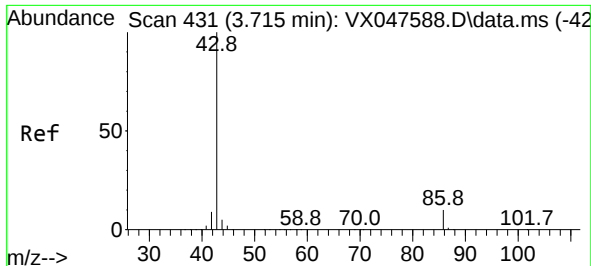
Tgt Ion: 96 Resp: 85855
Ion Ratio Lower Upper
96 100
61 143.7 116.2 174.2
98 65.4 49.3 73.9



#22
Diisopropyl ether
Concen: 55.983 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 45 Resp: 308357
Ion Ratio Lower Upper
45 100
43 128.1 81.0 121.4#
87 26.3 20.3 30.5
59 11.3 9.0 13.4

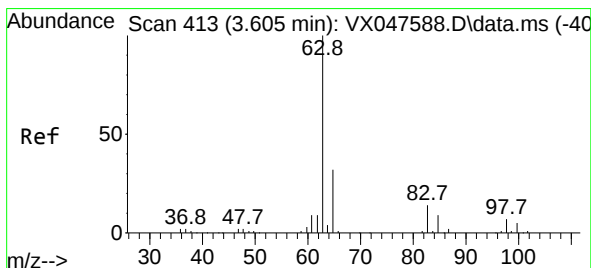
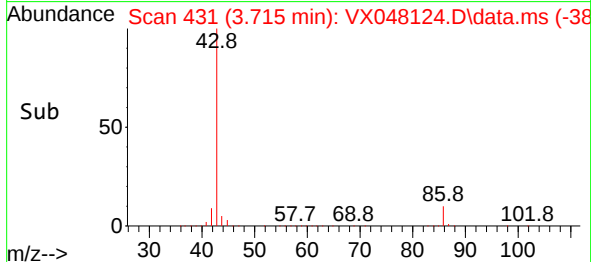
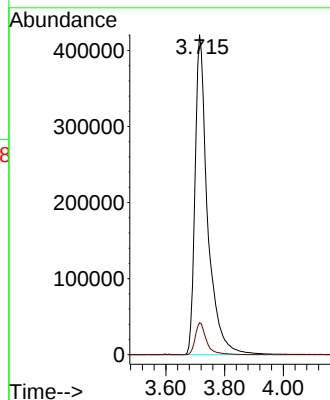
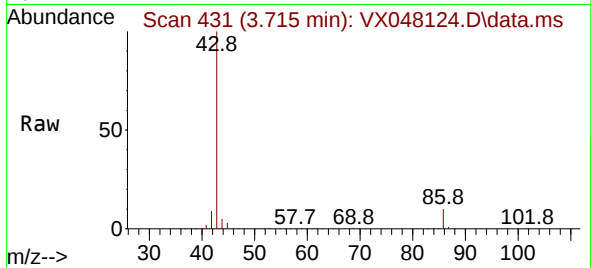




#23
 Vinyl Acetate
 Concen: 283.620 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

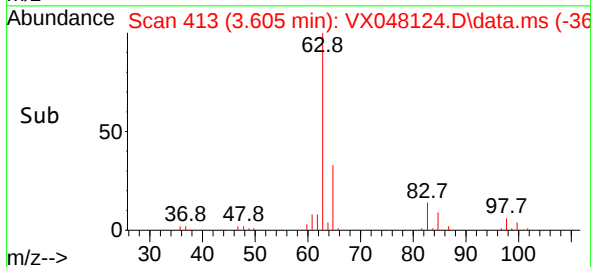
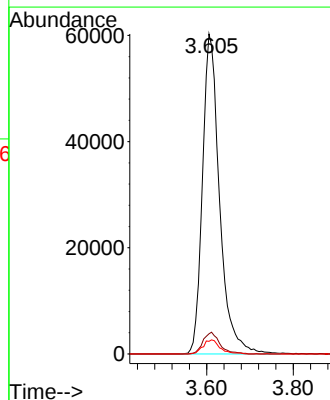
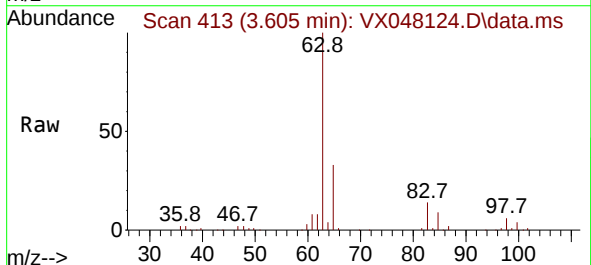
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

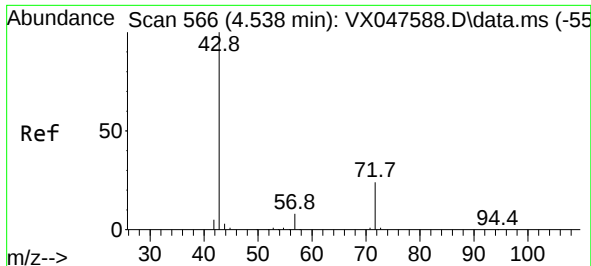
Tgt Ion: 43 Resp: 1250296
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 56.491 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 165382
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.2
 100 4.0 2.3 6.9

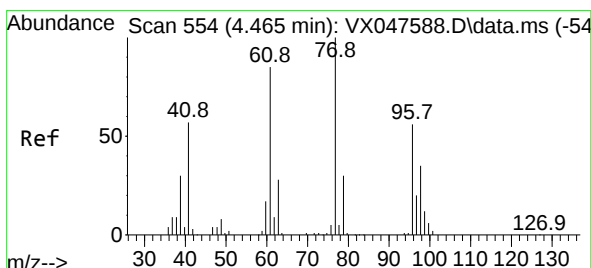
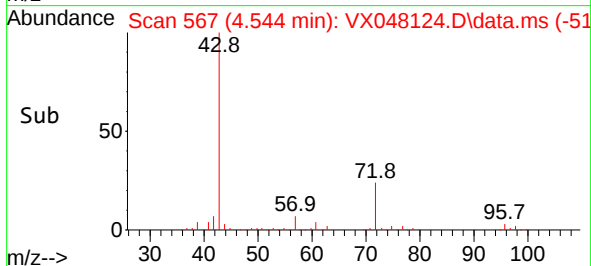
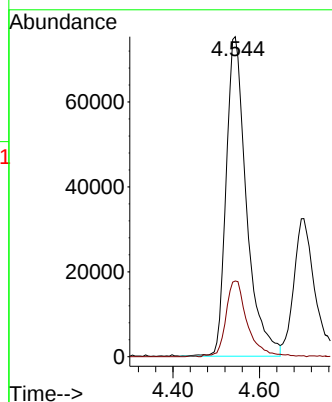
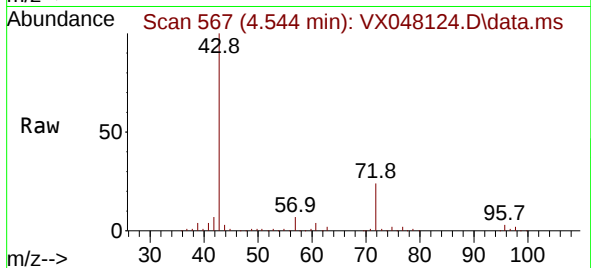




#25
2-Butanone
Concen: 245.652 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

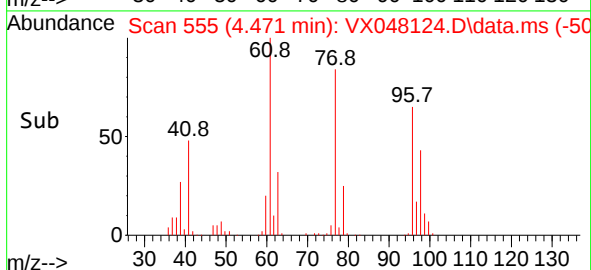
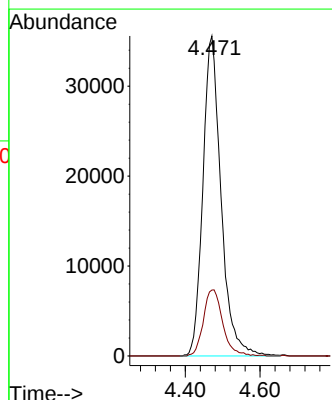
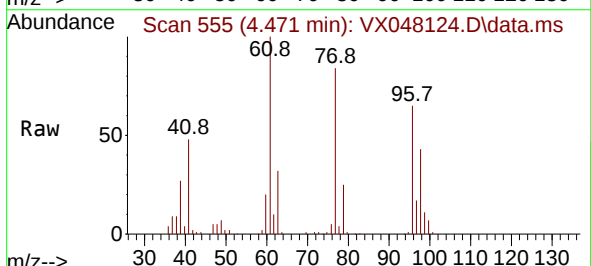
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

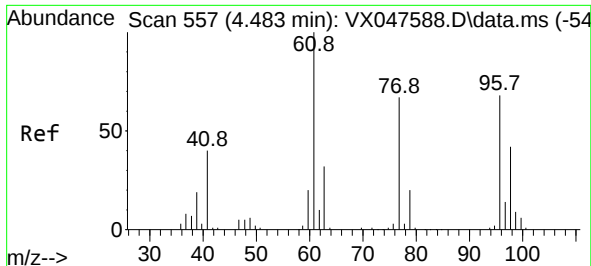
Tgt Ion: 43 Resp: 245843
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1



#26
2,2-Dichloropropane
Concen: 49.337 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 77 Resp: 120065
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7

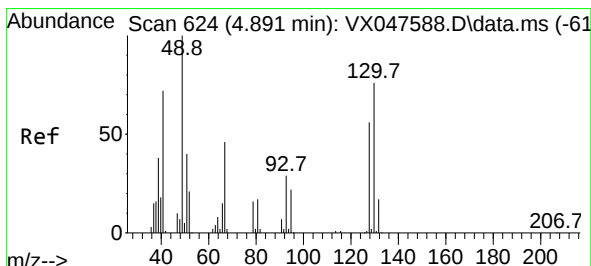
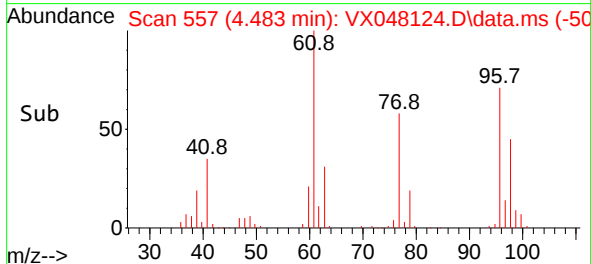
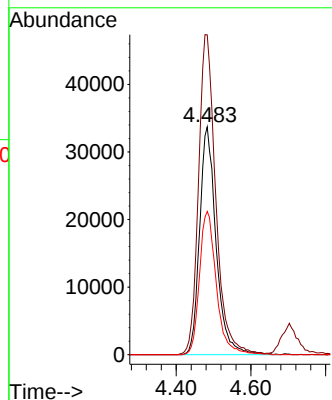
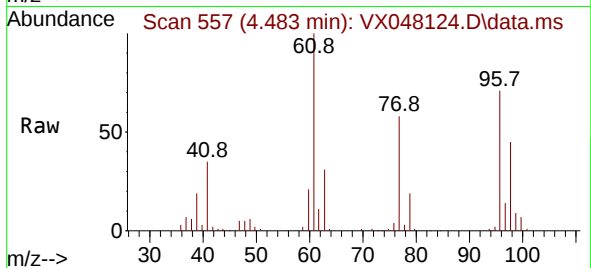




#27
 cis-1,2-Dichloroethene
 Concen: 56.868 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

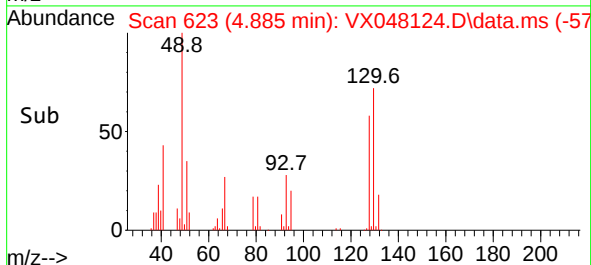
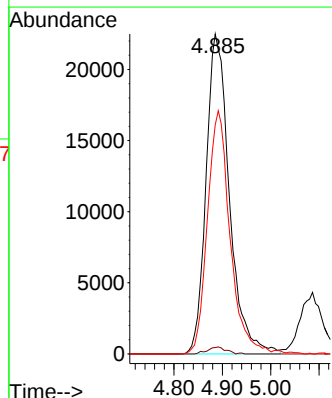
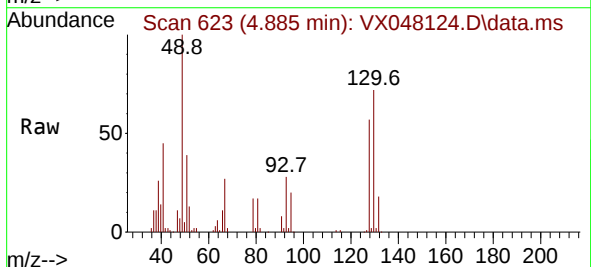
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

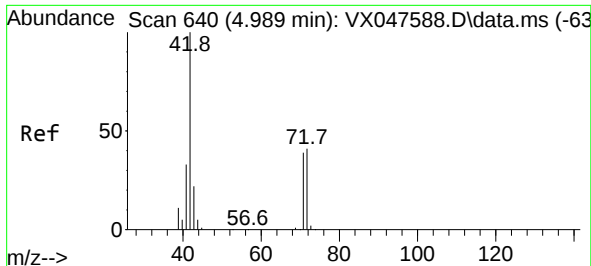
Tgt Ion: 96 Resp: 103270
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 303.2
 98 64.4 0.0 127.8



#28
 Bromochloromethane
 Concen: 58.900 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

Tgt Ion: 49 Resp: 75279
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 73.5 57.8 86.8





#29

Tetrahydrofuran

Concen: 255.907 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

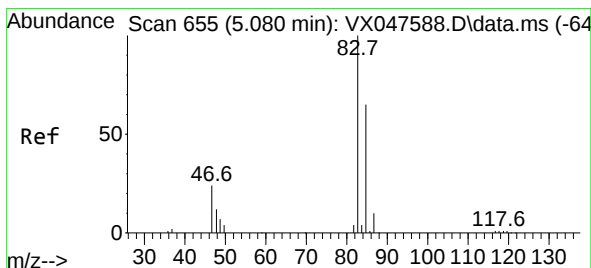
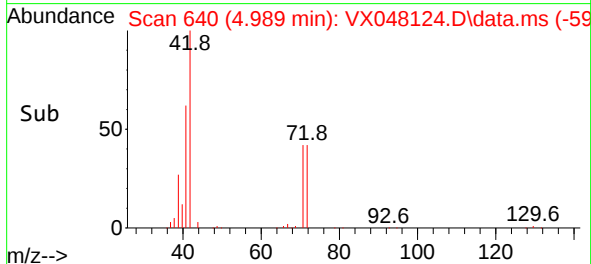
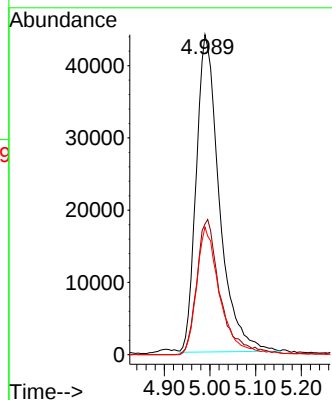
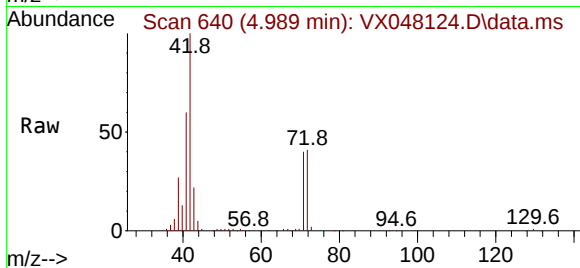
Tgt Ion: 42 Resp: 154067

Ion Ratio Lower Upper

42 100

72 43.7 34.2 51.2

71 40.6 31.9 47.9



#30

Chloroform

Concen: 57.550 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX048124.D

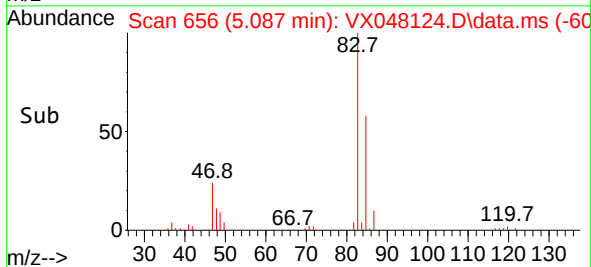
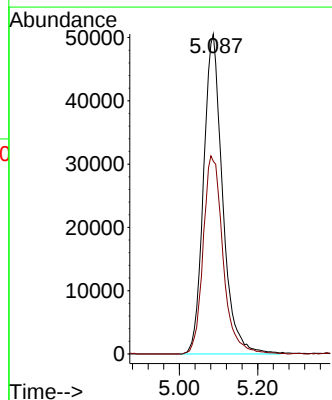
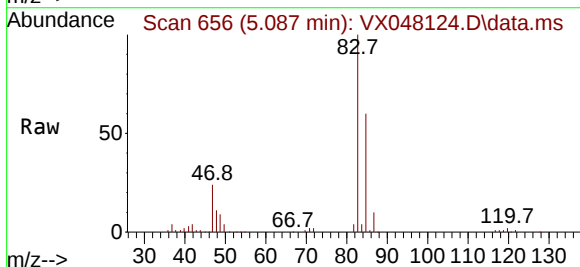
Acq: 10 Oct 2025 19:40

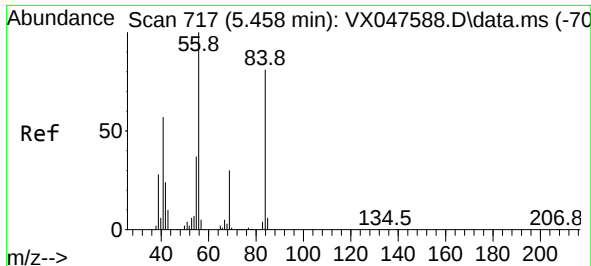
Tgt Ion: 83 Resp: 170257

Ion Ratio Lower Upper

83 100

85 60.2 51.8 77.6

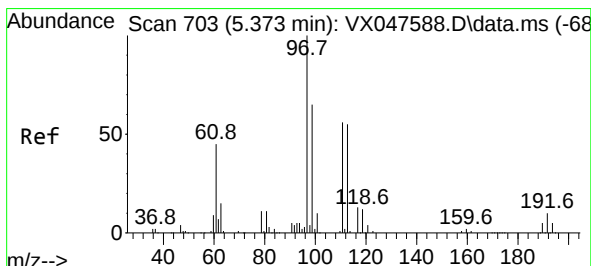
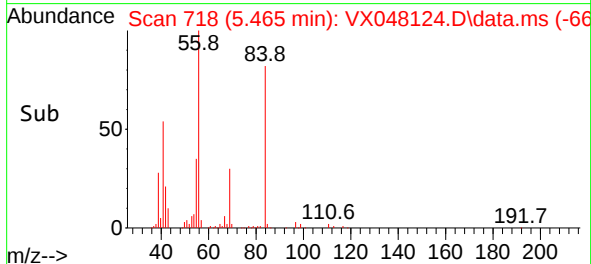
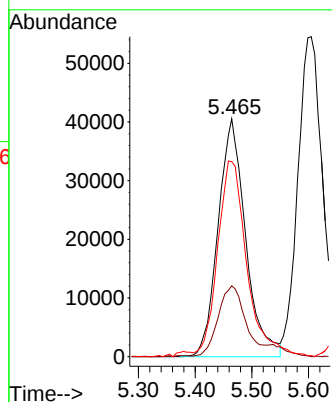
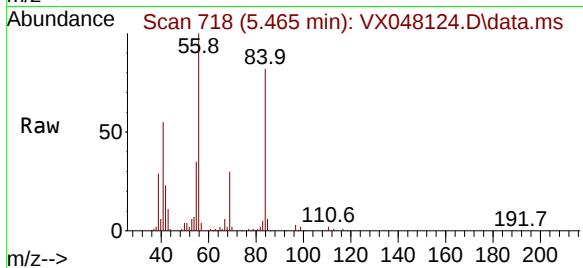




#31
Cyclohexane
Concen: 55.864 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

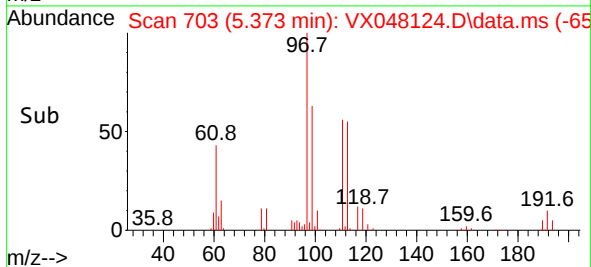
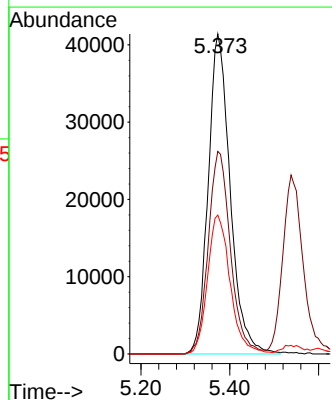
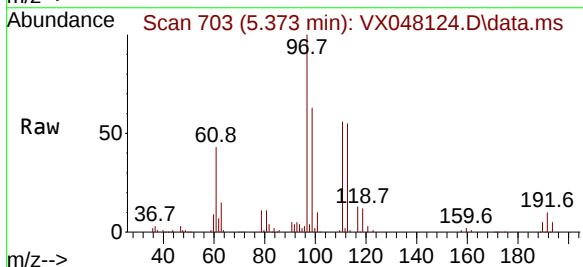
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

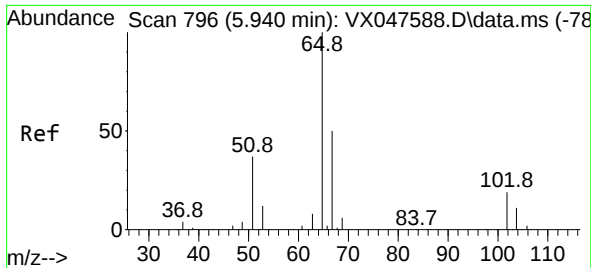
Tgt Ion: 56 Resp: 136213
Ion Ratio Lower Upper
56 100
69 29.3 23.8 35.8
84 80.1 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 56.674 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 97 Resp: 142215
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 44.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 53.817 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

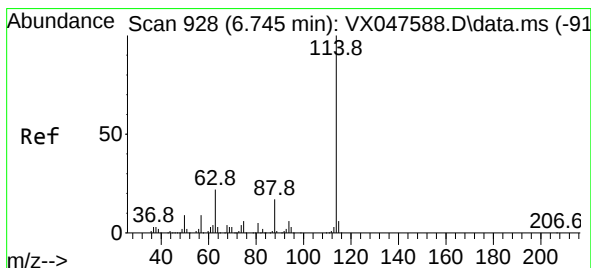
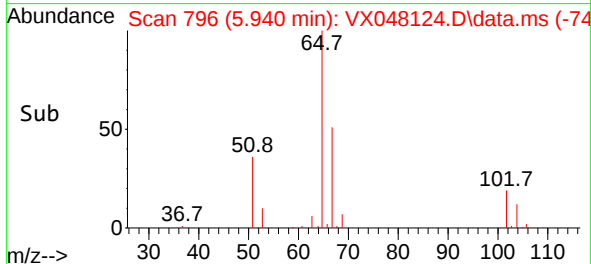
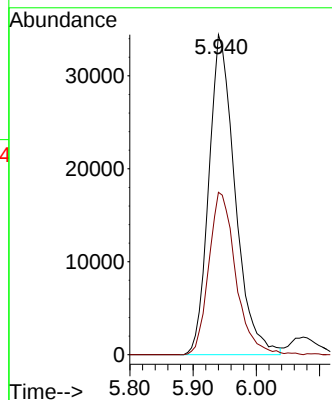
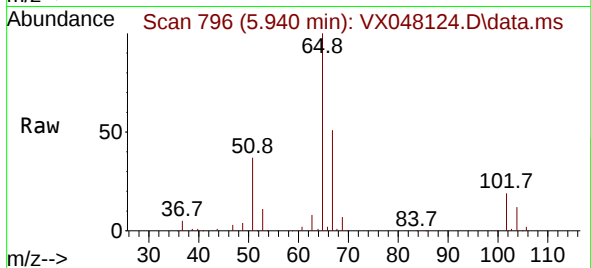
VSTDCCC050EC

Tgt Ion: 65 Resp: 99304

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

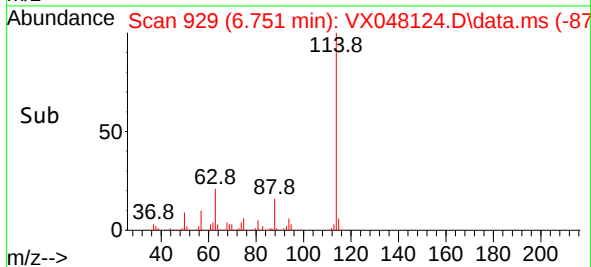
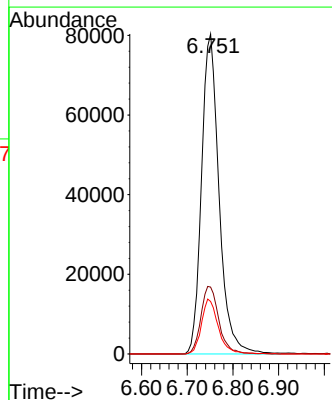
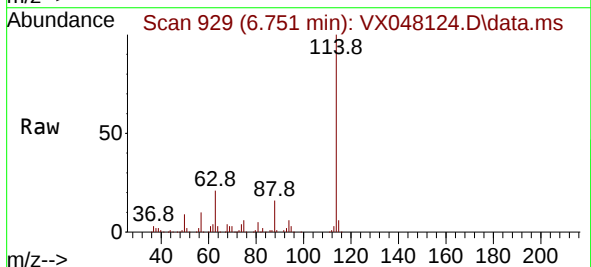
Tgt Ion: 114 Resp: 213821

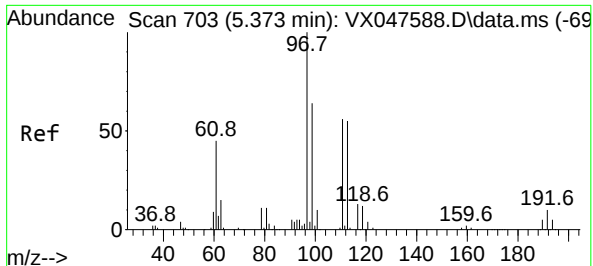
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.473 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

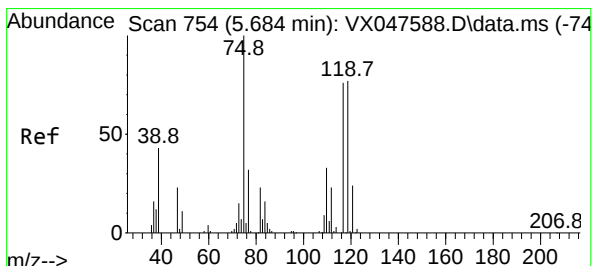
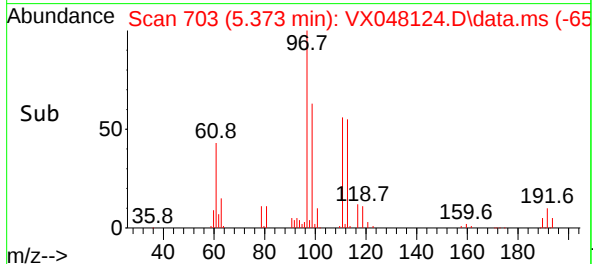
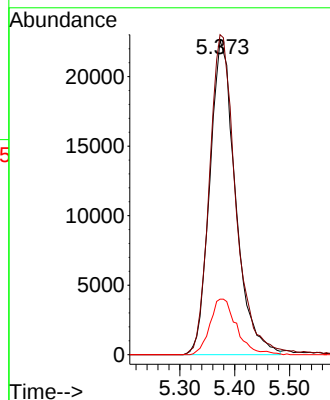
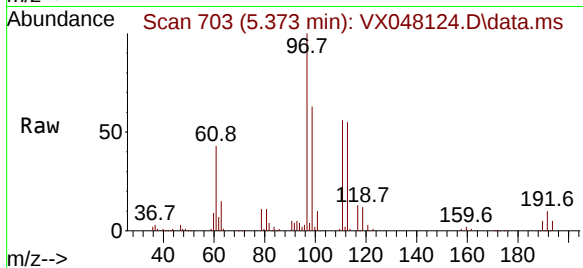
Tgt Ion:113 Resp: 73813

Ion Ratio Lower Upper

113 100

111 104.1 80.9 121.3

192 18.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 53.664 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

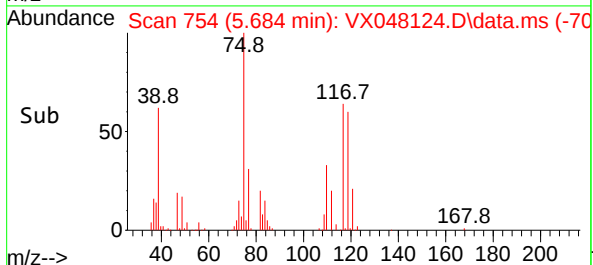
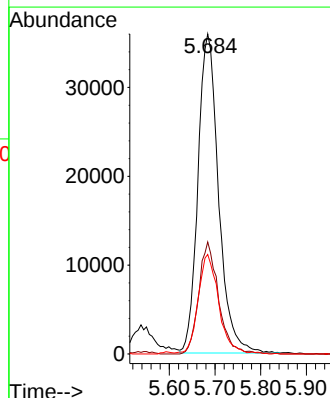
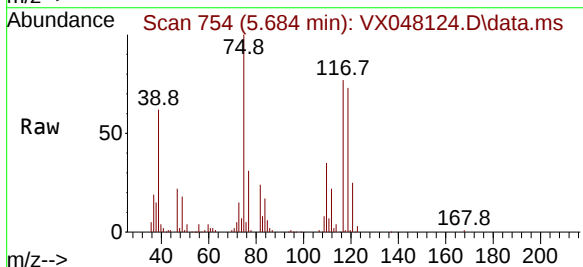
Tgt Ion: 75 Resp: 112448

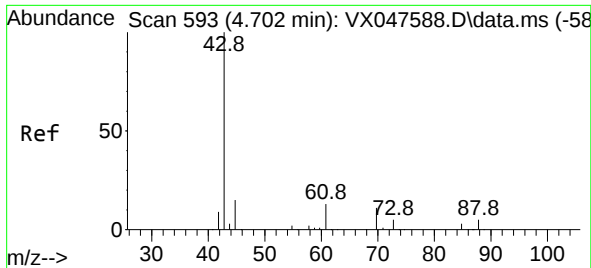
Ion Ratio Lower Upper

75 100

110 33.8 16.7 50.1

77 30.4 24.3 36.5

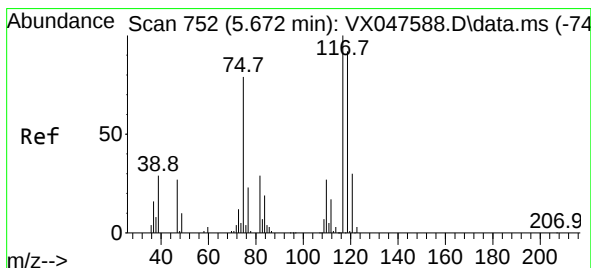
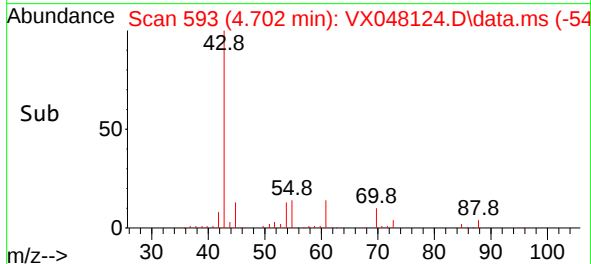
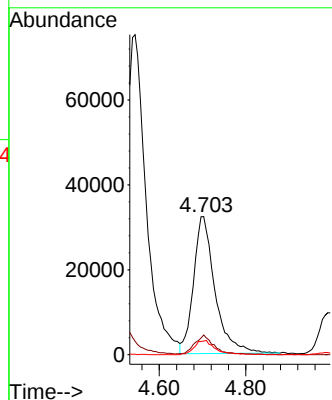
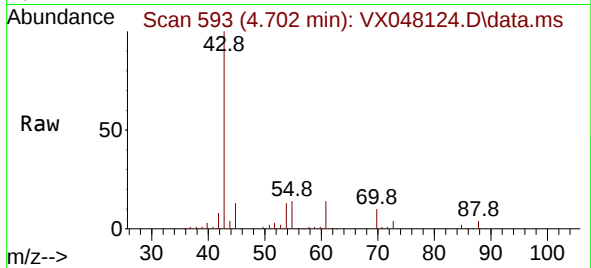




#37
Ethyl Acetate
Concen: 49.524 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

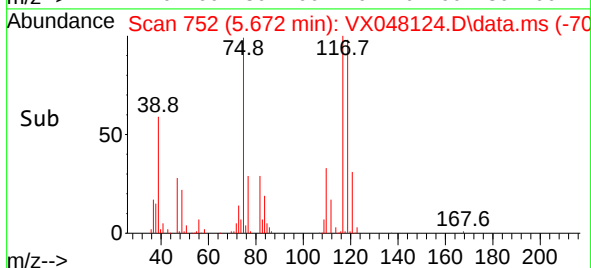
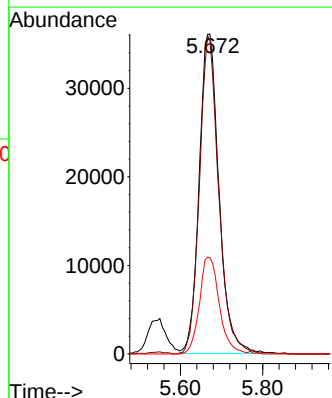
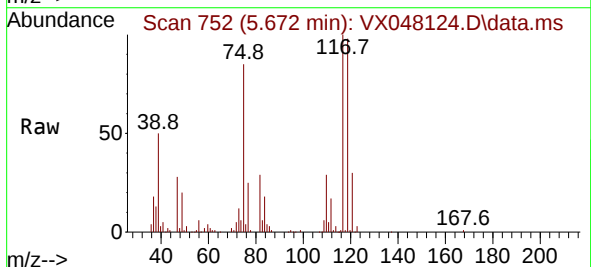
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

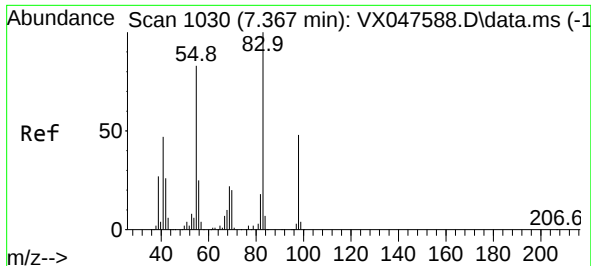
Tgt Ion: 43 Resp: 111112
Ion Ratio Lower Upper
43 100
61 12.0 9.8 14.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.110 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 117 Resp: 120916
Ion Ratio Lower Upper
117 100
119 97.9 73.4 110.2
121 30.1 23.8 35.6

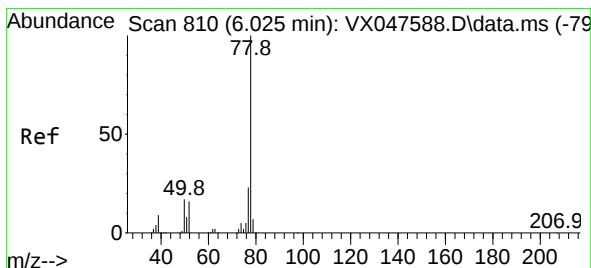
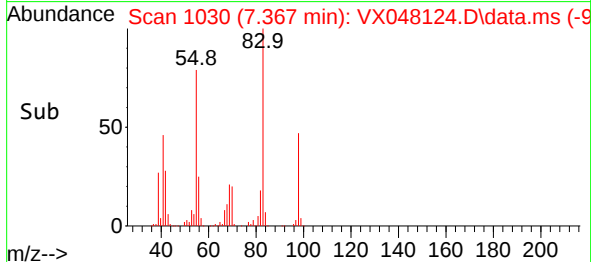
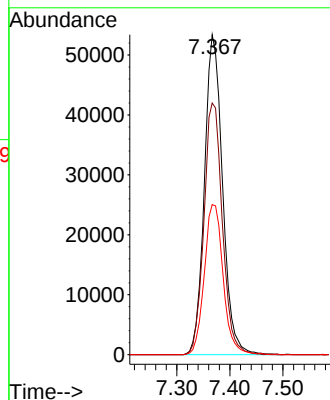
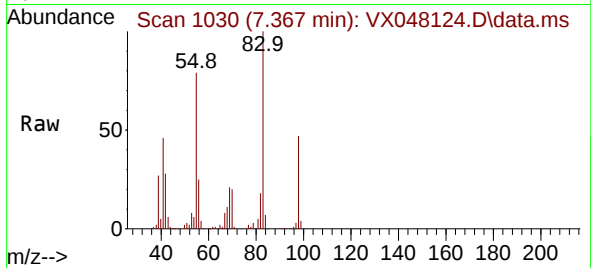




#39
Methylcyclohexane
Concen: 53.357 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

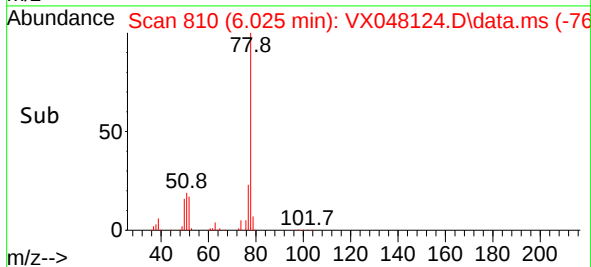
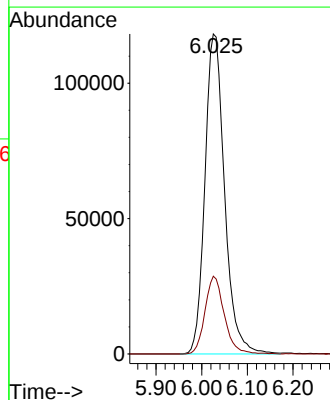
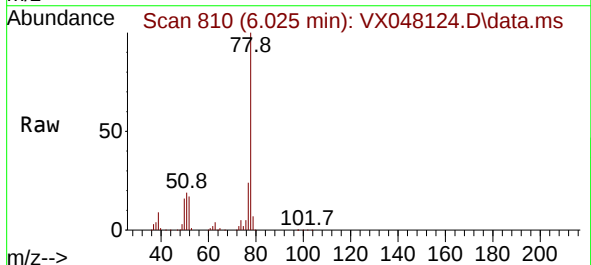
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

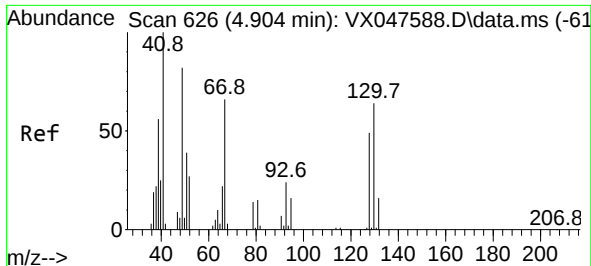
Tgt Ion: 83 Resp: 126913
Ion Ratio Lower Upper
83 100
55 78.6 66.4 99.6
98 46.9 38.1 57.1



#40
Benzene
Concen: 55.537 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 78 Resp: 353456
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2

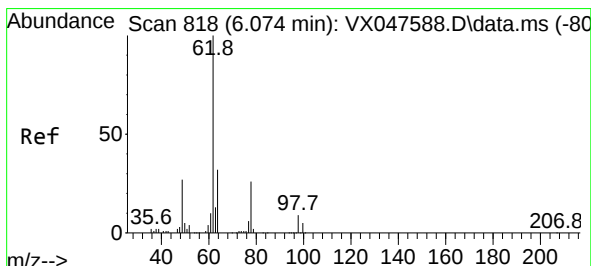
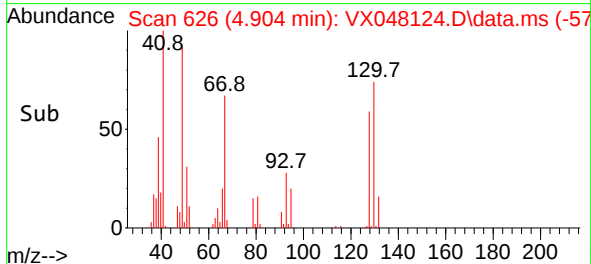
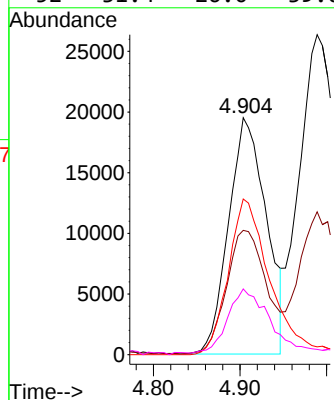
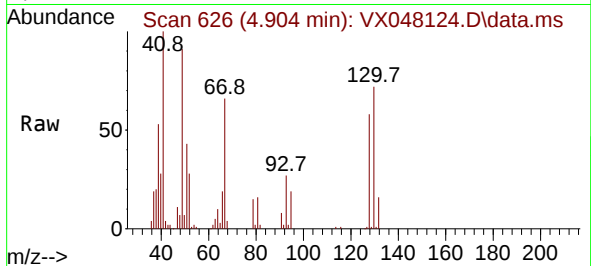




#41
Methacrylonitrile
Concen: 50.842 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

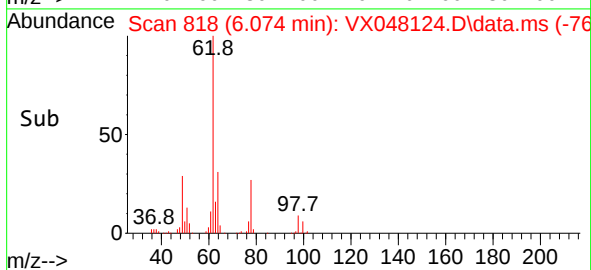
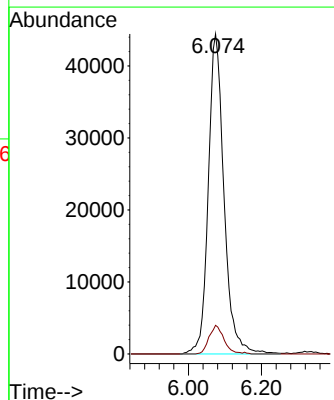
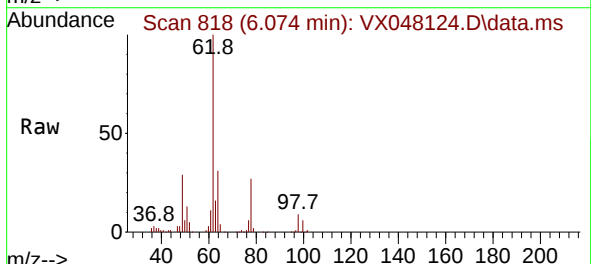
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

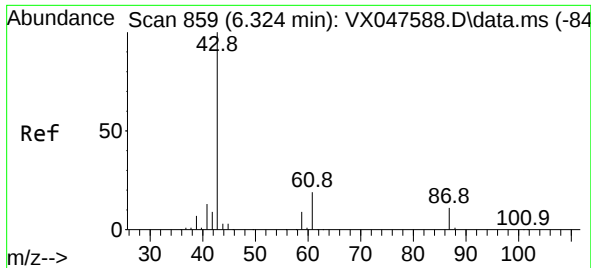
Tgt Ion:	41	Resp:	58889
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	73.6	58.6	87.8
52	31.4	26.0	39.0



#42
1,2-Dichloroethane
Concen: 54.500 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:	62	Resp:	131974
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 49.627 ug/l

RT: 6.324 min Scan# 859

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

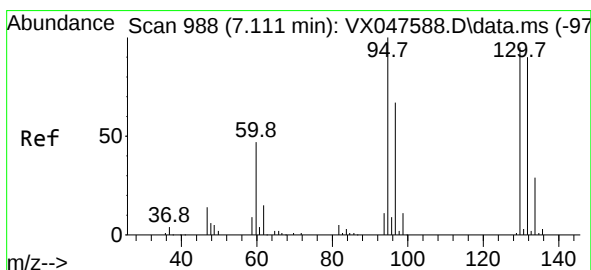
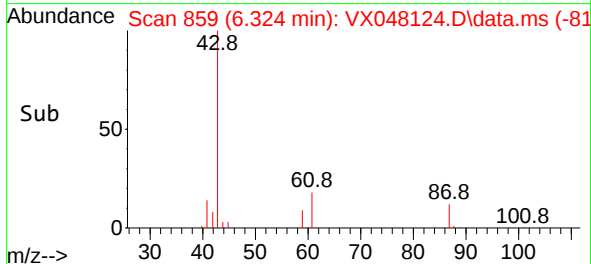
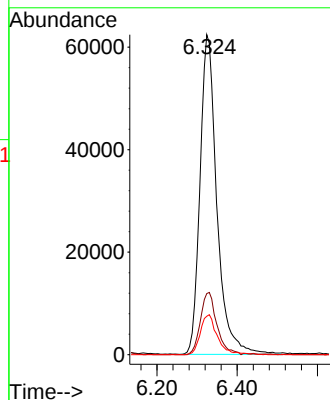
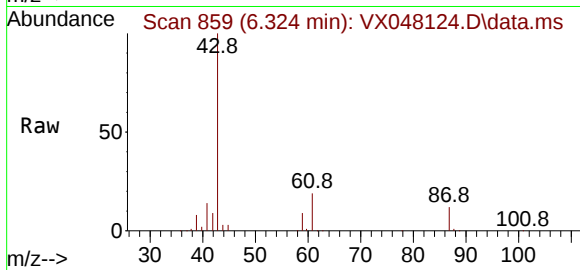
Tgt Ion: 43 Resp: 182608

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 12.6 9.6 14.4



#44

Trichloroethene

Concen: 54.451 ug/l

RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX048124.D

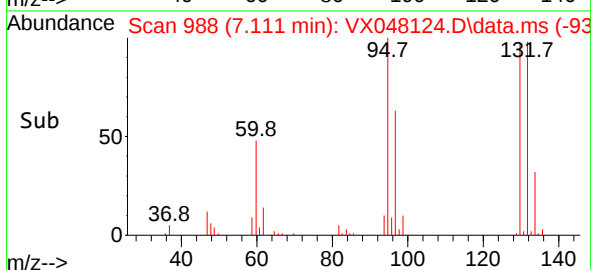
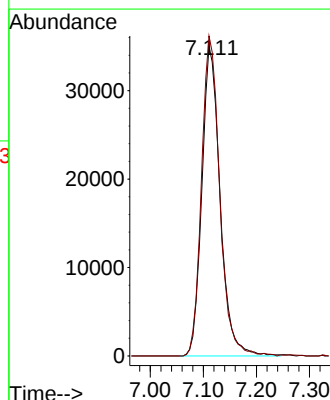
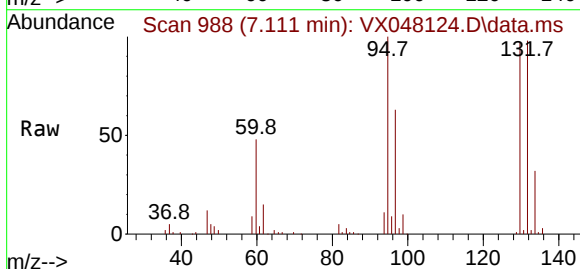
Acq: 10 Oct 2025 19:40

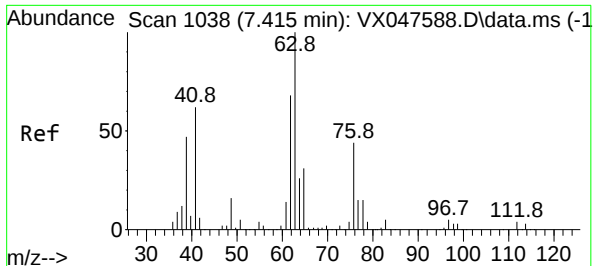
Tgt Ion:130 Resp: 83781

Ion Ratio Lower Upper

130 100

95 103.4 0.0 210.8

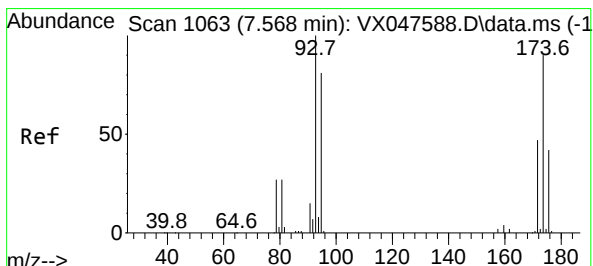
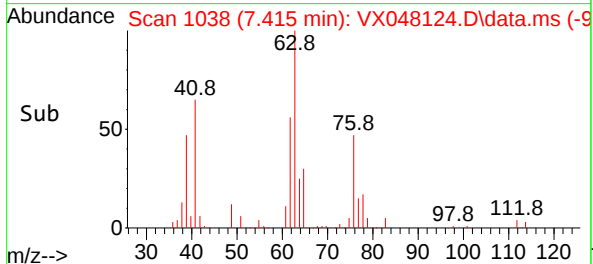
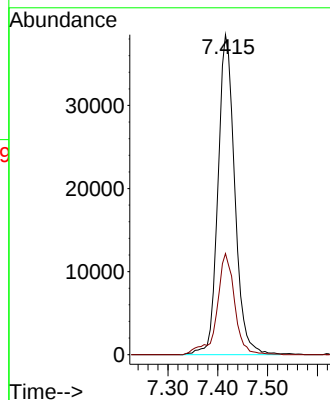
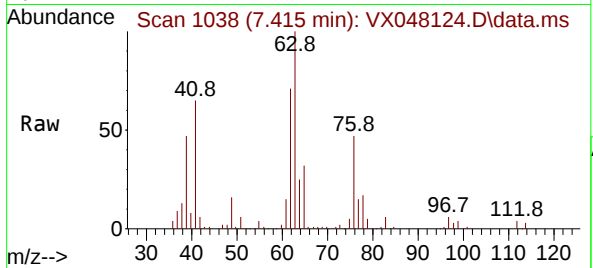




#45
1,2-Dichloropropane
Concen: 55.269 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

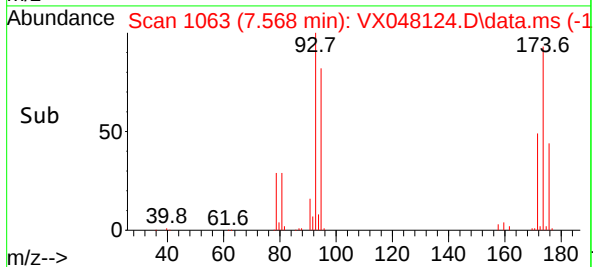
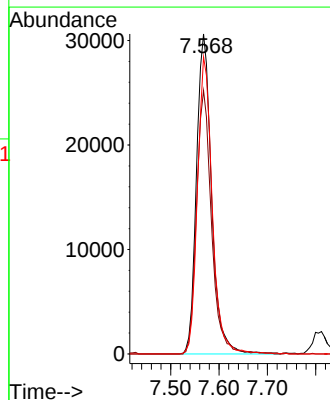
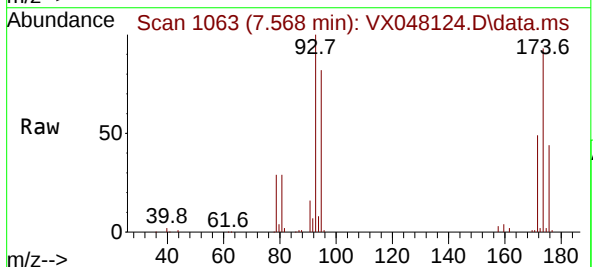
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

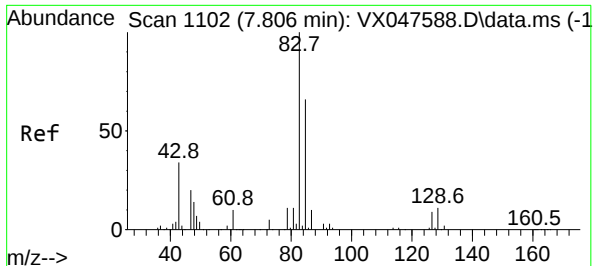
Tgt Ion: 63 Resp: 90070
Ion Ratio Lower Upper
63 100
65 31.6 24.7 37.1



#46
Dibromomethane
Concen: 55.952 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 93 Resp: 66354
Ion Ratio Lower Upper
93 100
95 81.2 65.0 97.6
174 90.9 71.6 107.4

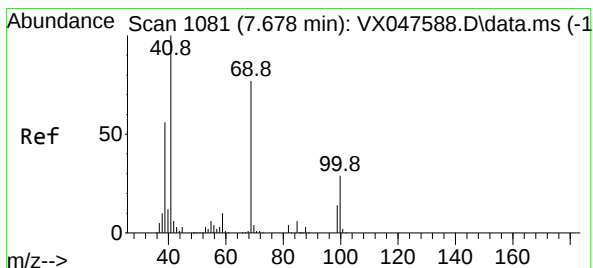
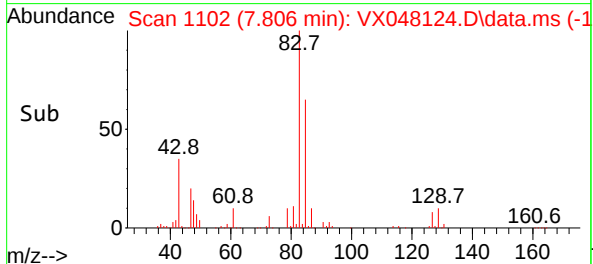
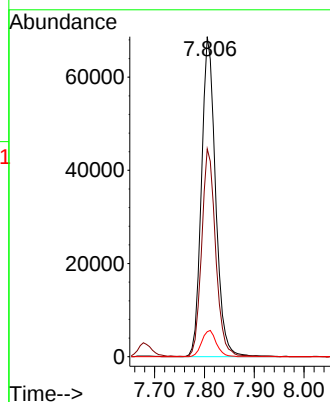
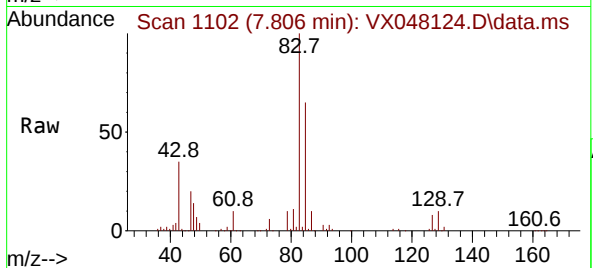




#47
Bromodichloromethane
Concen: 55.144 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

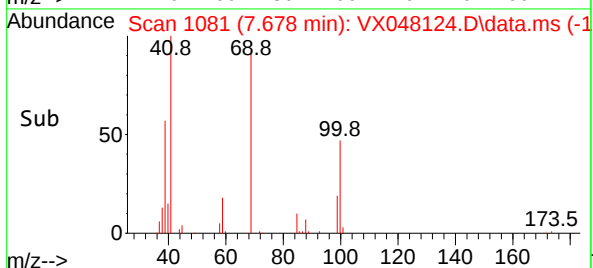
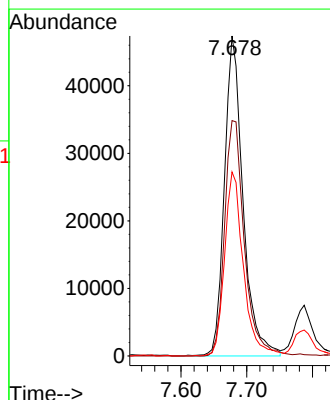
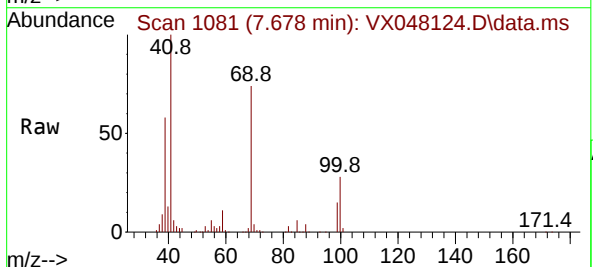
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

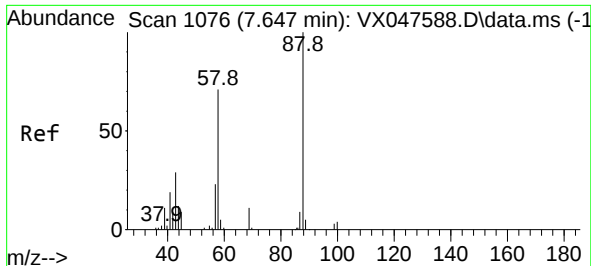
Tgt Ion: 83 Resp: 134946
Ion Ratio Lower Upper
83 100
85 65.0 52.5 78.7
127 7.8 6.9 10.3



#48
Methyl methacrylate
Concen: 50.949 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 93383
Ion Ratio Lower Upper
41 100
69 77.9 61.4 92.2
39 58.1 45.8 68.6

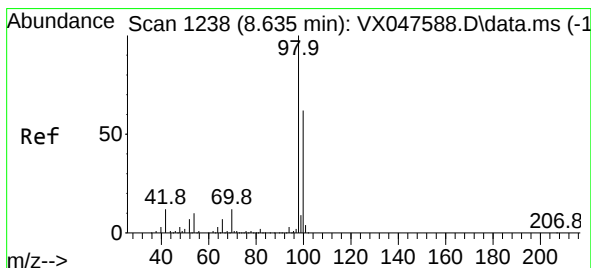
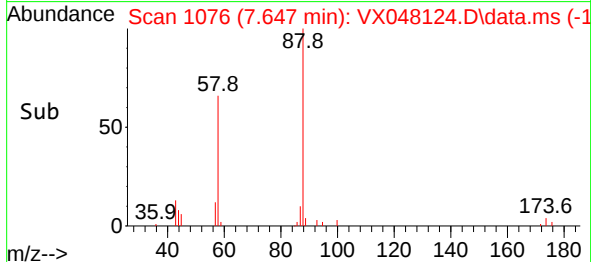
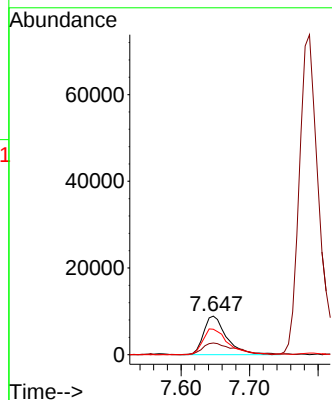
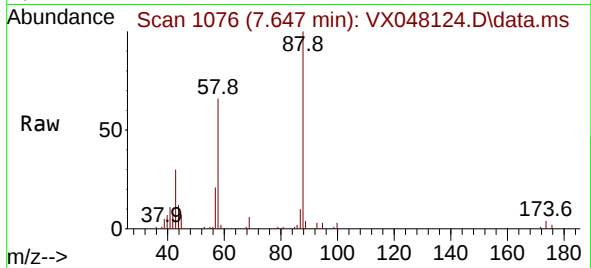




#49
1,4-Dioxane
Concen: 1126.435 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

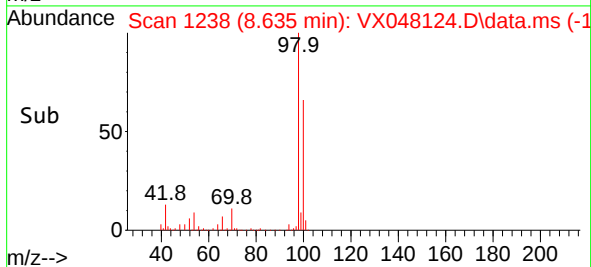
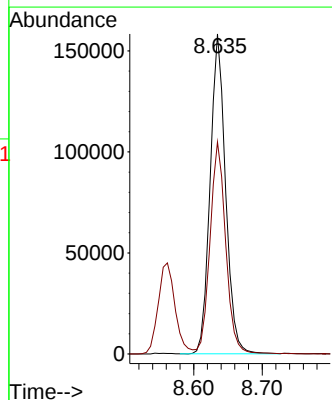
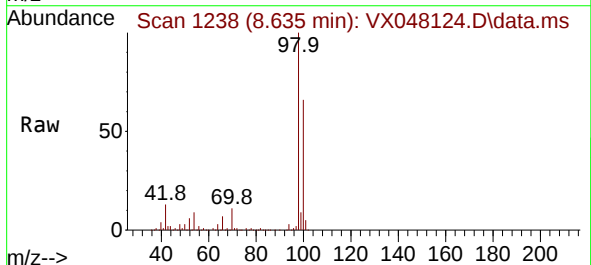
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

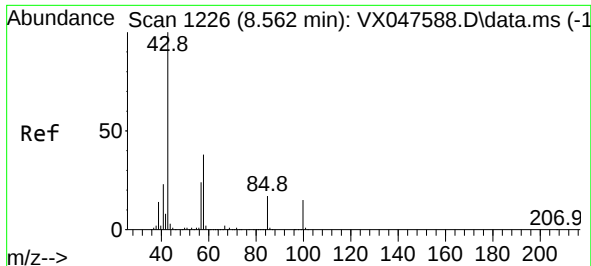
Tgt Ion: 88 Resp: 20865
Ion Ratio Lower Upper
88 100
43 41.4 30.2 45.2
58 72.6 59.5 89.3



#50
Toluene-d8
Concen: 49.962 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 98 Resp: 247909
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

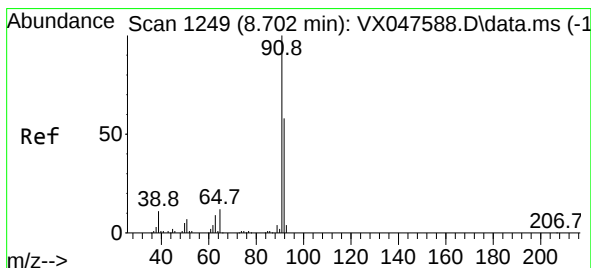
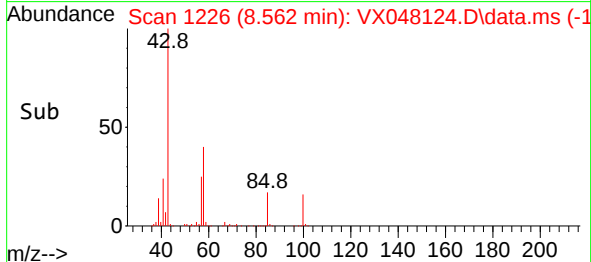
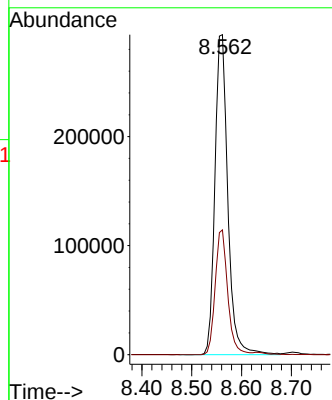
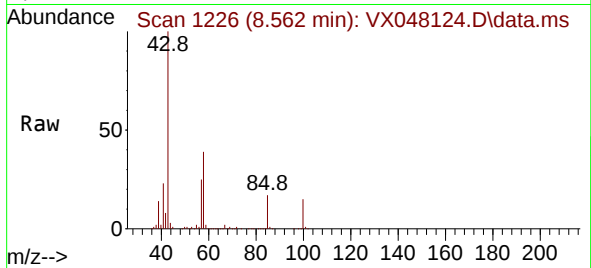




#51
4-Methyl-2-Pentanone
Concen: 258.661 ug/l
RT: 8.562 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

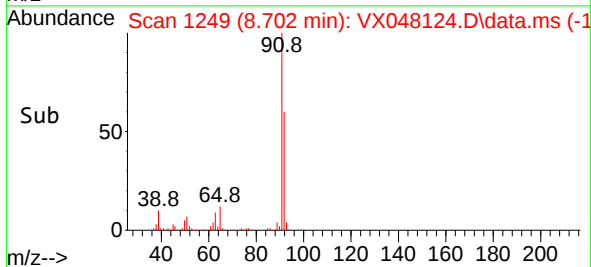
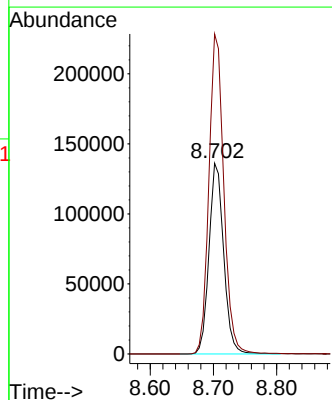
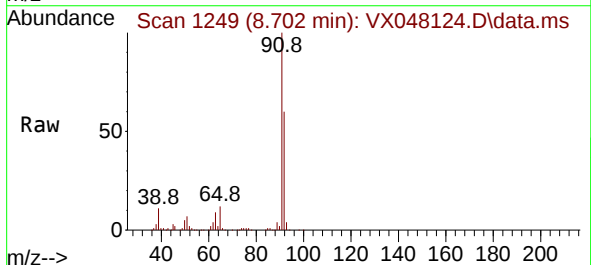
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

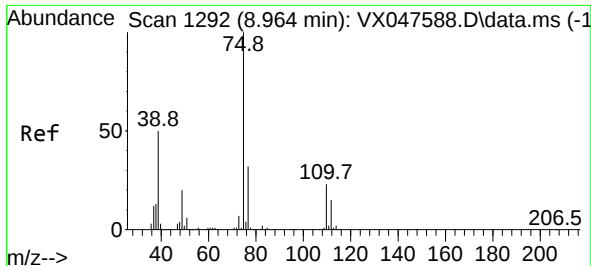
Tgt Ion: 43 Resp: 527706
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5



#52
Toluene
Concen: 56.118 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 92 Resp: 220041
Ion Ratio Lower Upper
92 100
91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.434 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

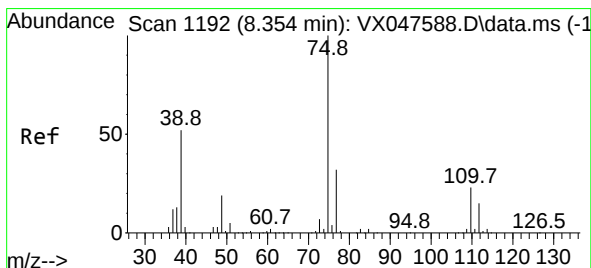
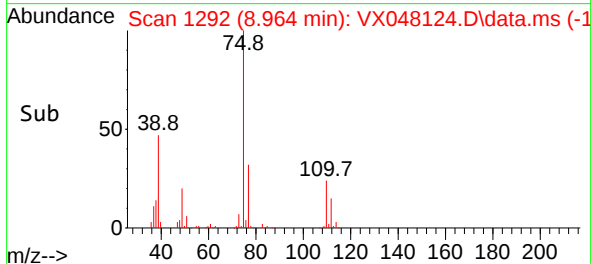
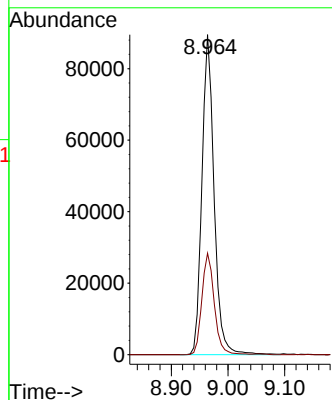
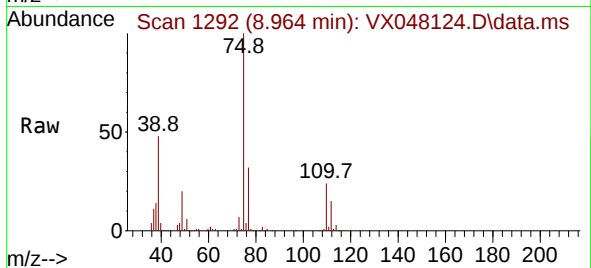
VSTDCCC050EC

Tgt Ion: 75 Resp: 133380

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.133 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

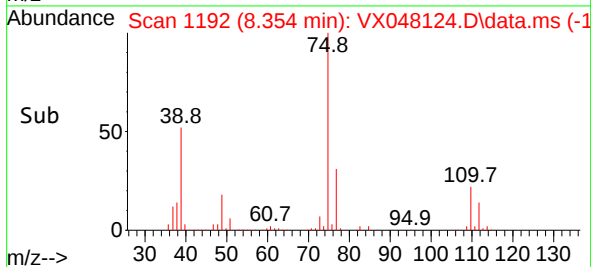
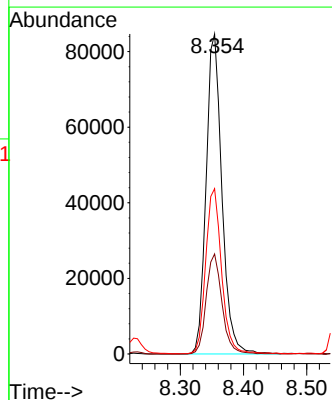
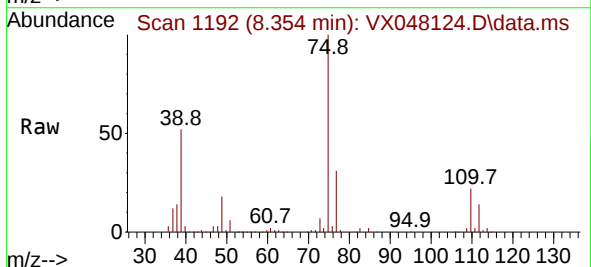
Tgt Ion: 75 Resp: 147096

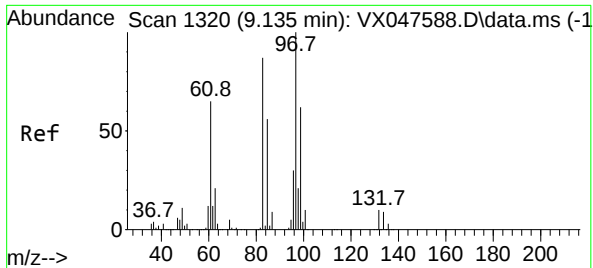
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 51.1 41.4 62.2

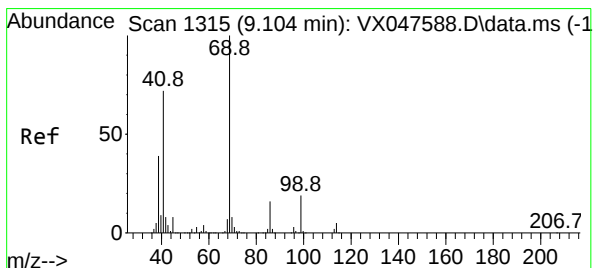
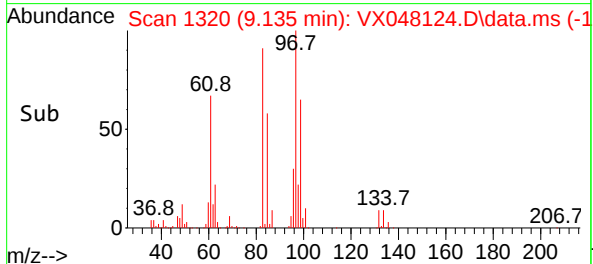
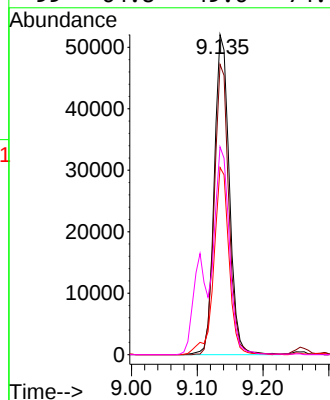
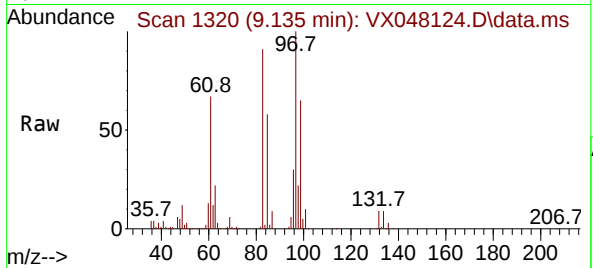




#55
1,1,2-Trichloroethane
Concen: 54.764 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

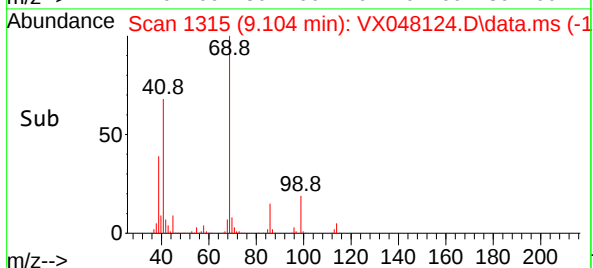
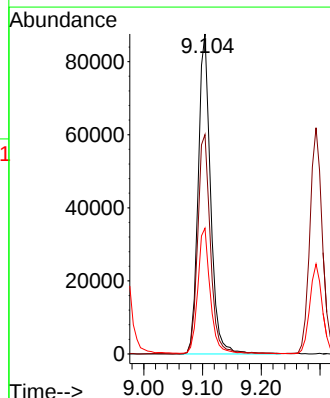
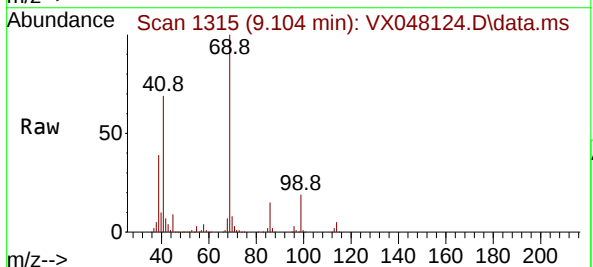
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

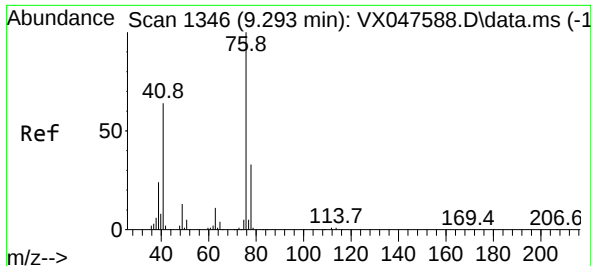
Tgt Ion:	97	Resp:	82800
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.6	104.4
85	58.5	45.0	67.6
99	64.8	49.6	74.4



#56
Ethyl methacrylate
Concen: 54.141 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:	69	Resp:	128555
Ion	Ratio	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	39.0	31.5	47.3

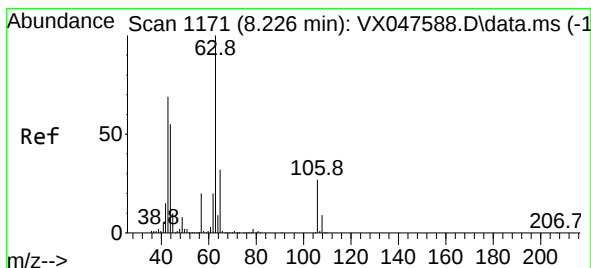
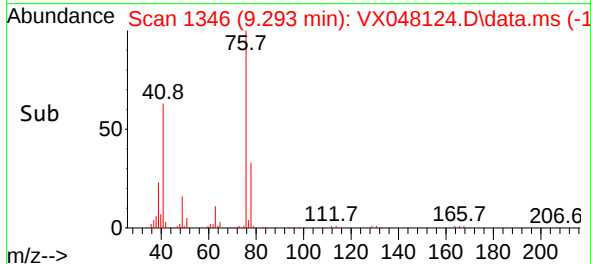
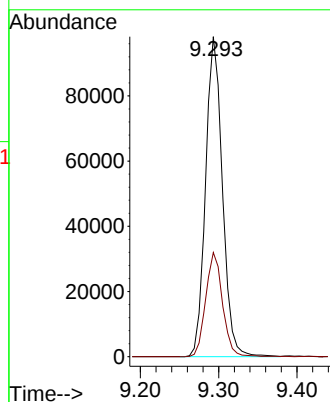
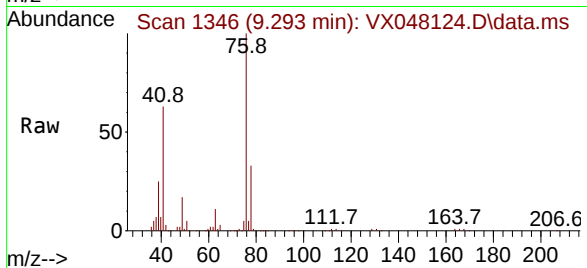




#57
1,3-Dichloropropane
Concen: 56.337 ug/l
RT: 9.293 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

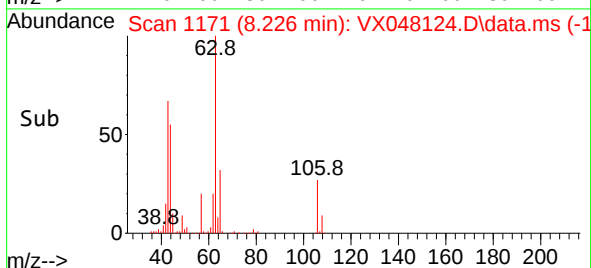
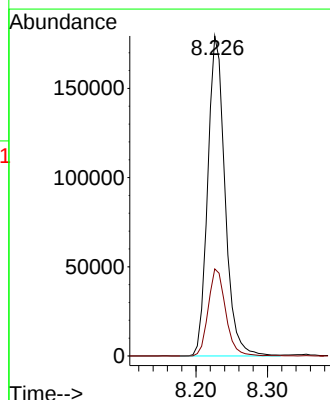
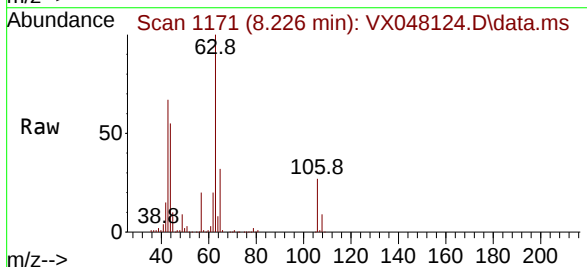
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

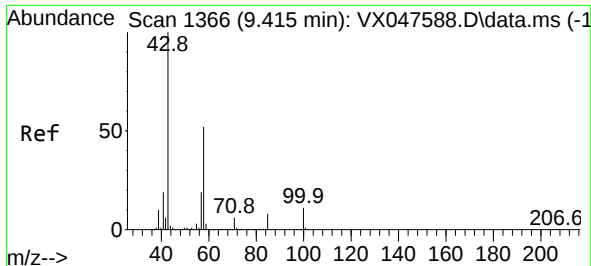
Tgt Ion: 76 Resp: 146320
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 263.994 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 300624
Ion Ratio Lower Upper
63 100
106 27.5 21.9 32.9

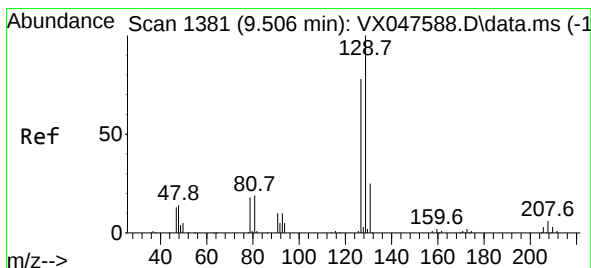
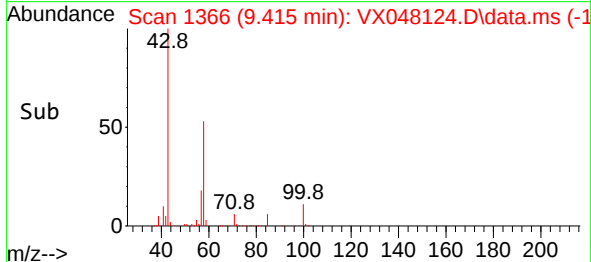
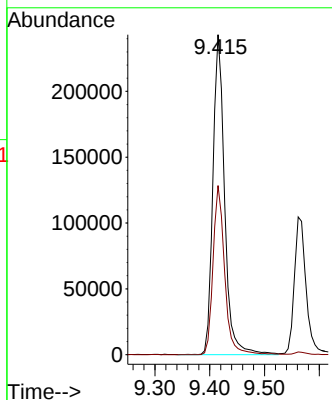
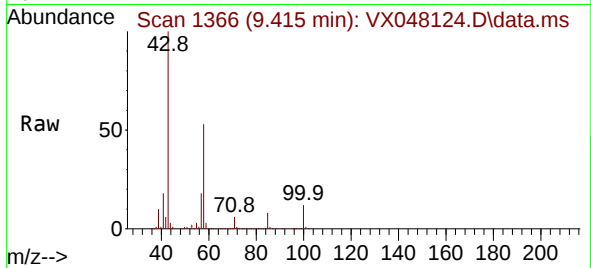




#59
2-Hexanone
Concen: 245.611 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

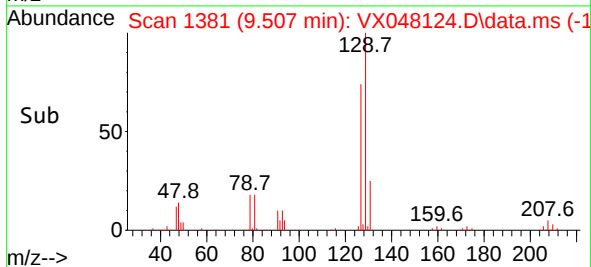
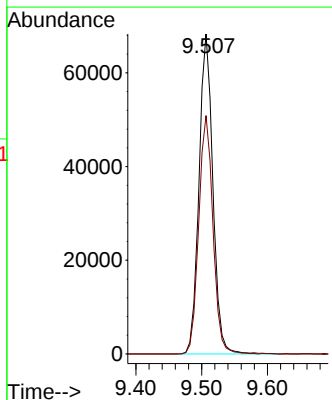
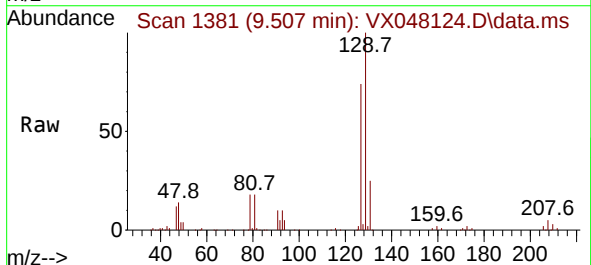
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

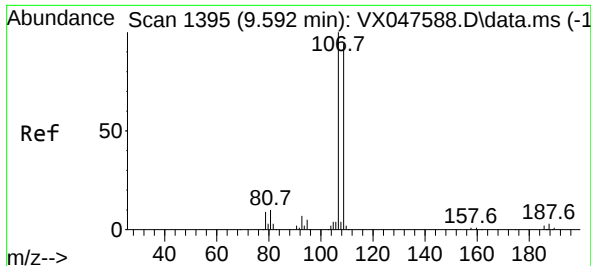
Tgt Ion: 43 Resp: 359879
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.2



#60
Dibromochloromethane
Concen: 57.354 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 129 Resp: 99916
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 57.200 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

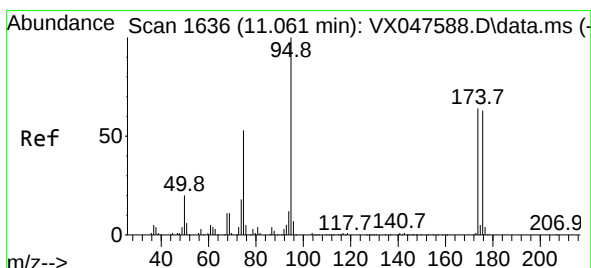
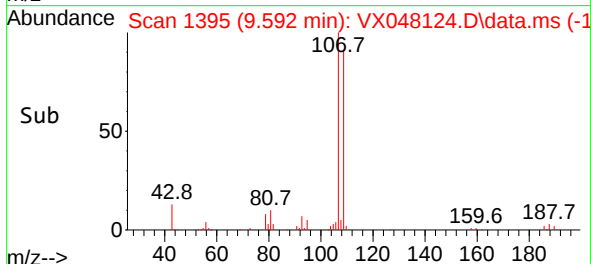
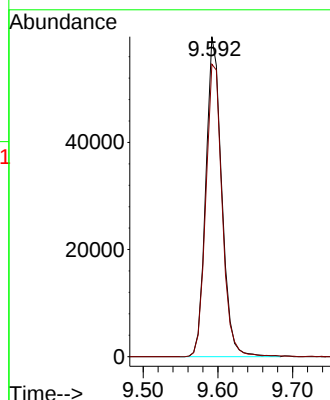
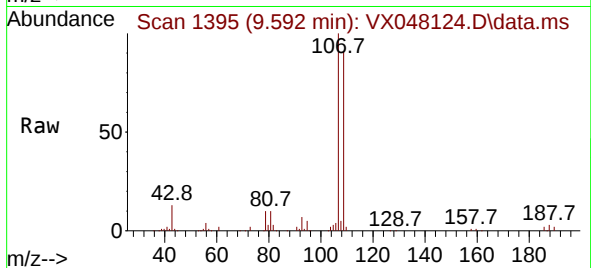
VSTDCCC050EC

Tgt Ion:107 Resp: 88086

Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 54.328 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

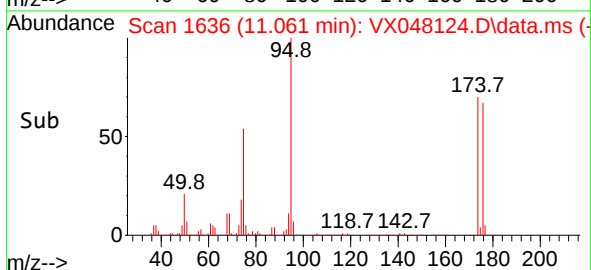
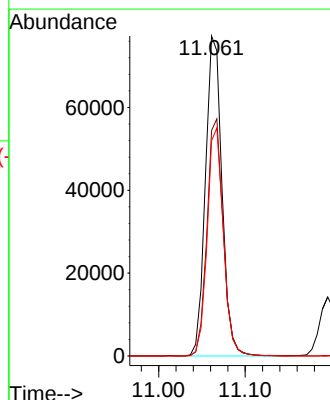
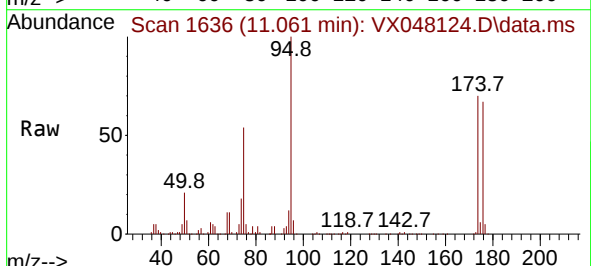
Tgt Ion: 95 Resp: 102307

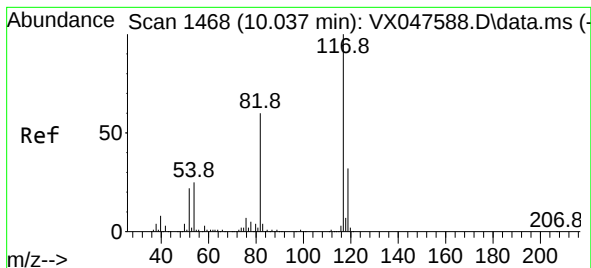
Ion Ratio Lower Upper

95 100

174 72.9 0.0 141.6

176 70.0 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

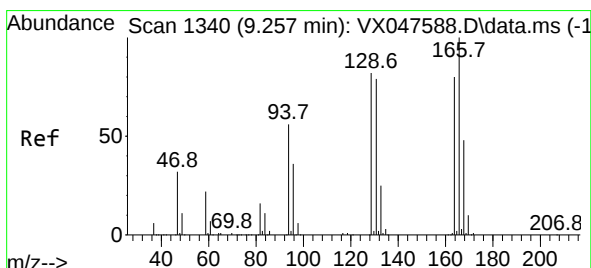
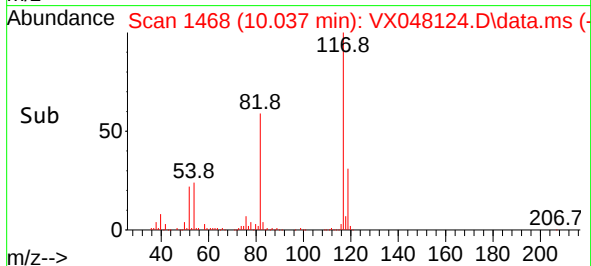
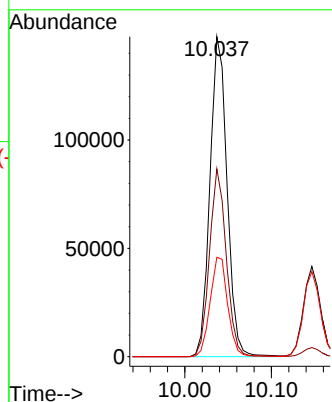
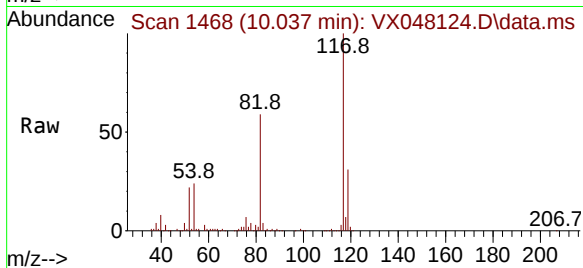
Tgt Ion:117 Resp: 202631

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.6

119 31.1 25.2 37.8



#64

Tetrachloroethene

Concen: 53.291 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Tgt Ion:164 Resp: 70394

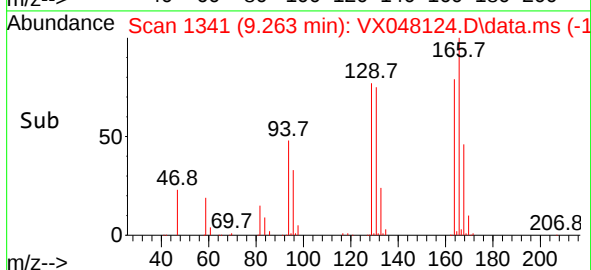
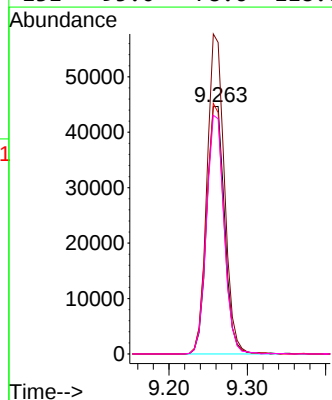
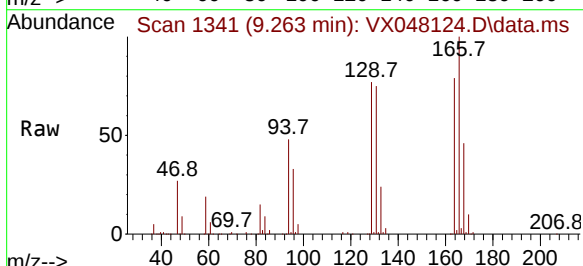
Ion Ratio Lower Upper

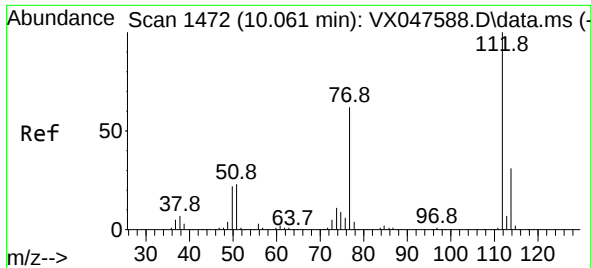
164 100

166 125.9 100.2 150.2

129 97.5 81.8 122.6

131 95.0 78.6 118.0

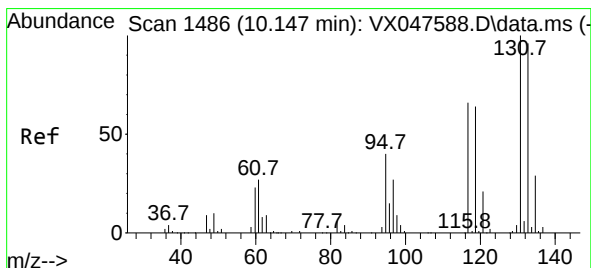
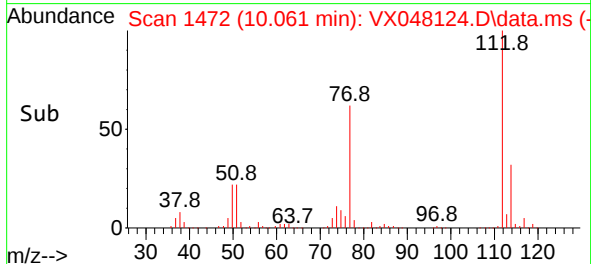
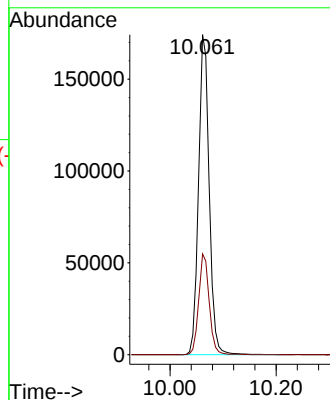
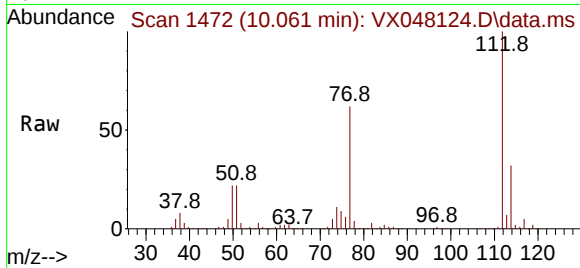




#65
Chlorobenzene
Concen: 52.712 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

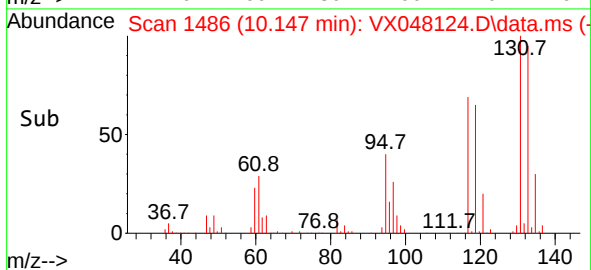
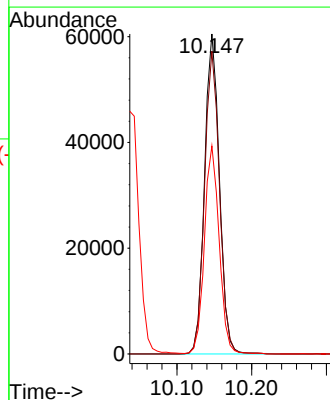
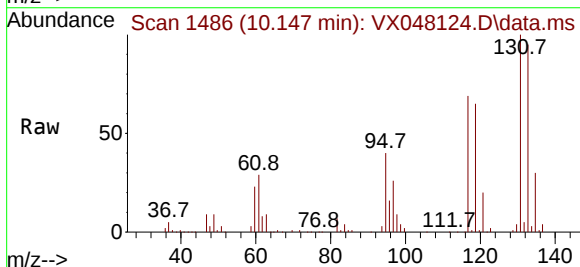
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

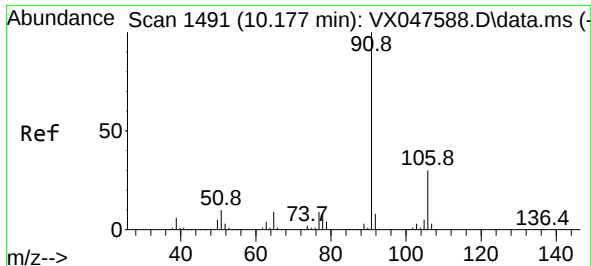
Tgt Ion:112 Resp: 242656
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.488 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:131 Resp: 83378
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 64.9 32.0 96.0





#67

Ethyl Benzene

Concen: 52.075 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

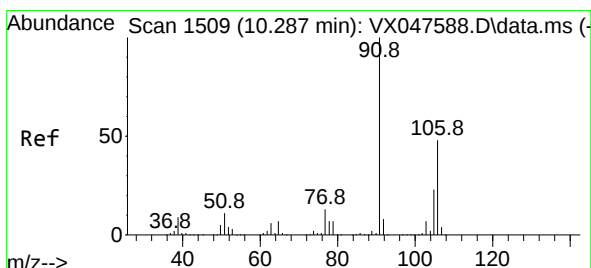
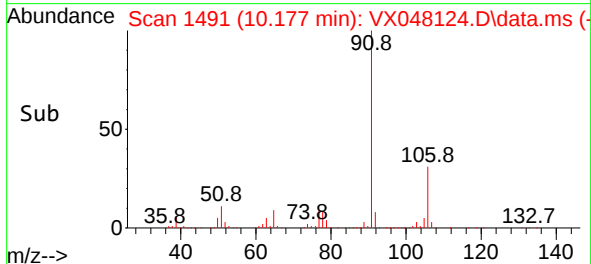
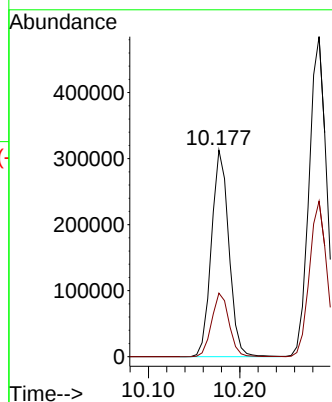
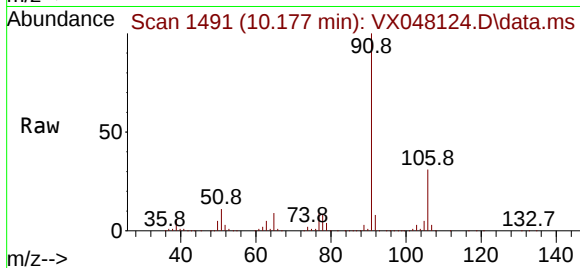
VSTDCCC050EC

Tgt Ion: 91 Resp: 413625

Ion Ratio Lower Upper

91 100

106 30.8 24.3 36.5



#68

m/p-Xylenes

Concen: 107.168 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048124.D

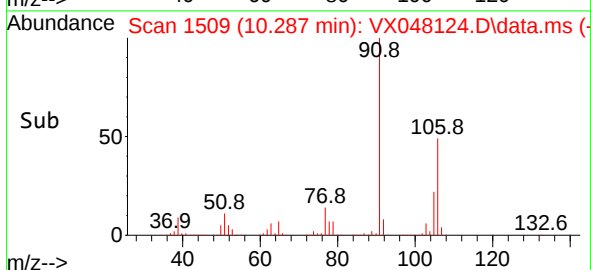
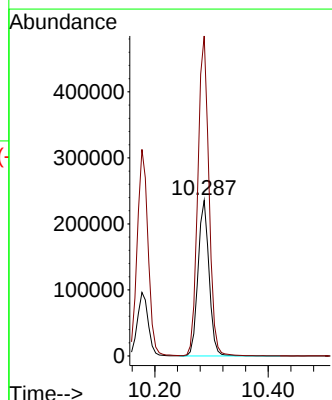
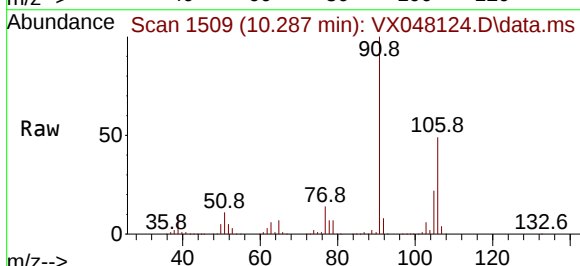
Acq: 10 Oct 2025 19:40

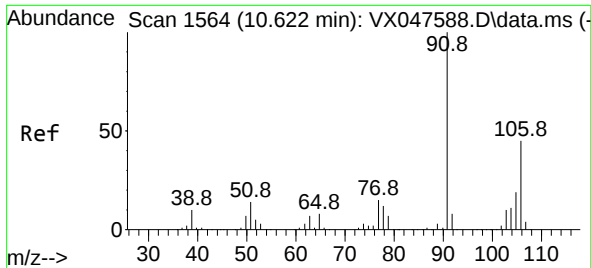
Tgt Ion:106 Resp: 316828

Ion Ratio Lower Upper

106 100

91 207.1 167.8 251.8

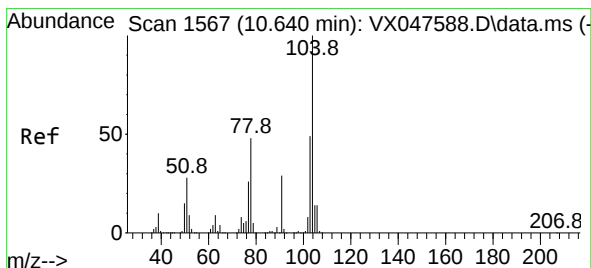
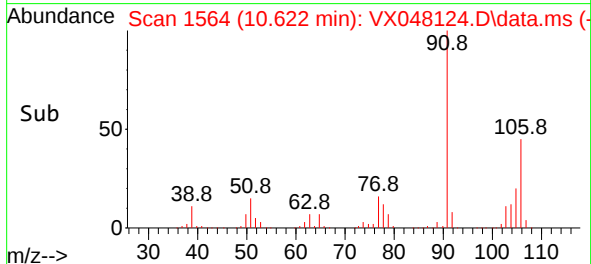
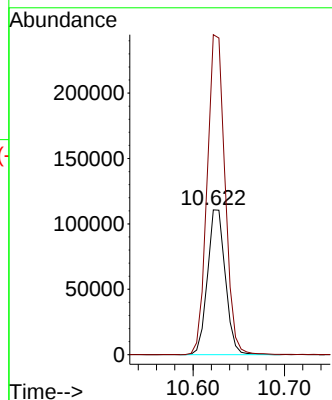
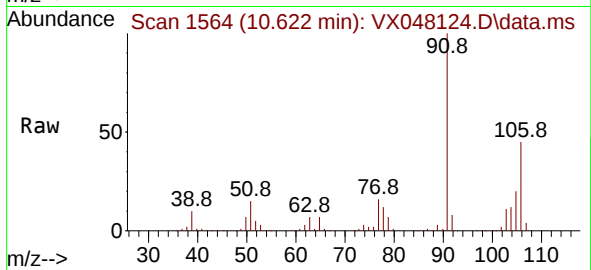




#69
o-Xylene
Concen: 52.418 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

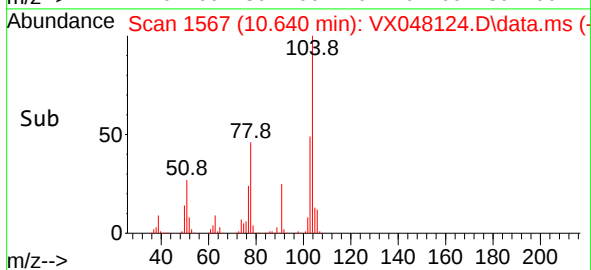
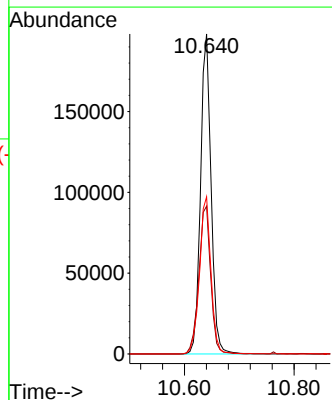
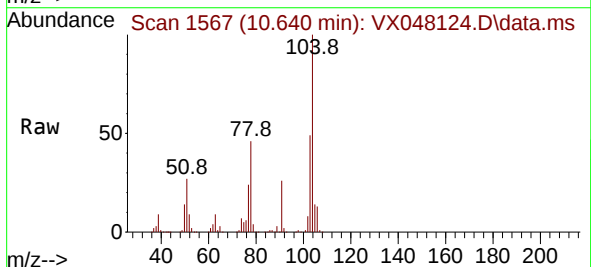
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

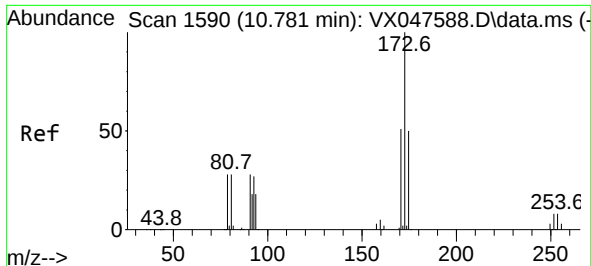
Tgt Ion:106 Resp: 149891
Ion Ratio Lower Upper
106 100
91 221.1 111.1 333.4



#70
Styrene
Concen: 52.853 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:104 Resp: 264817
Ion Ratio Lower Upper
104 100
78 52.1 43.1 64.7
103 53.5 43.1 64.7

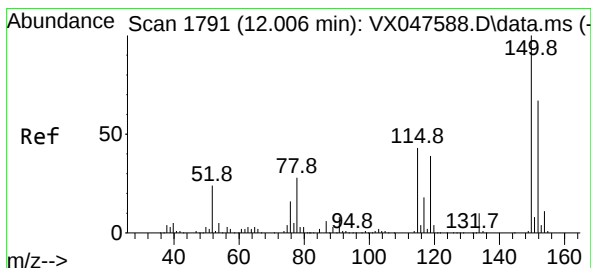
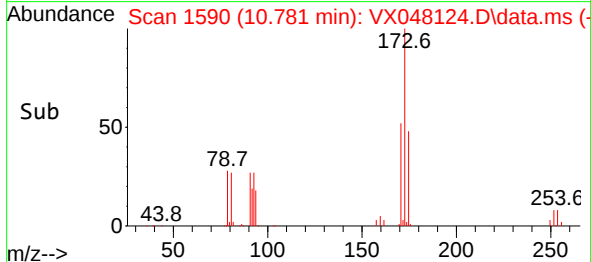
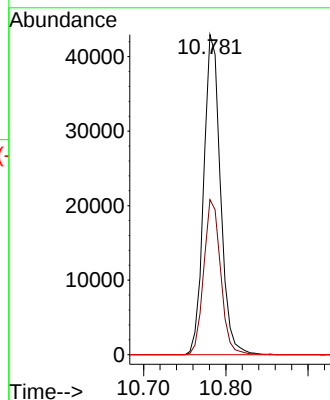
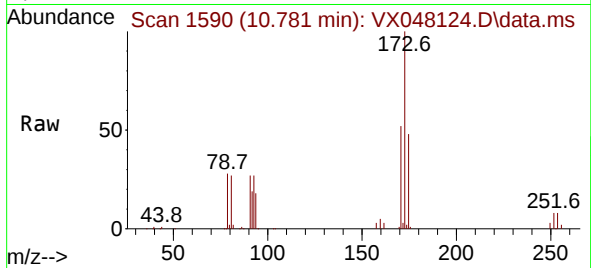




#71
Bromoform
Concen: 51.130 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

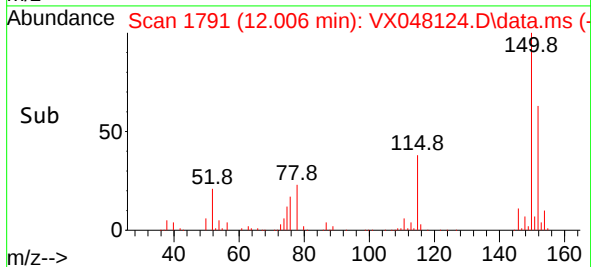
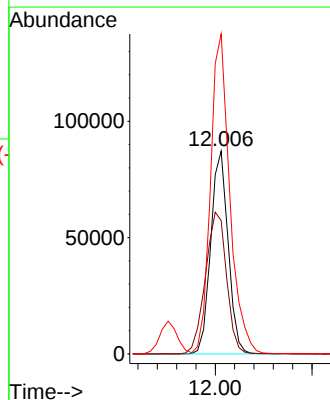
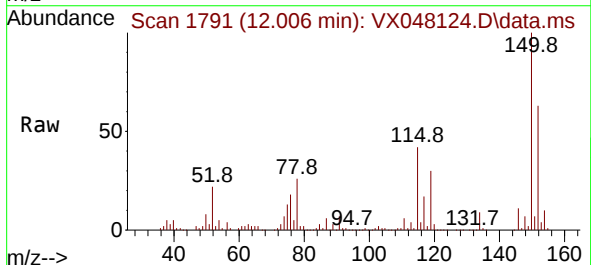
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

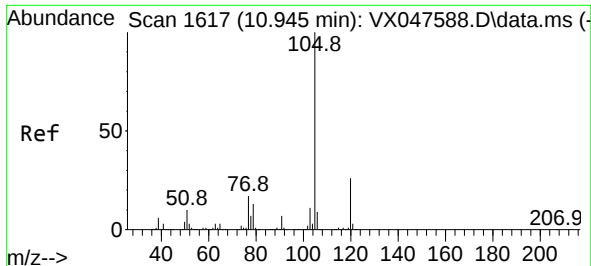
Tgt Ion:173 Resp: 60646
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:152 Resp: 108959
Ion Ratio Lower Upper
152 100
115 85.3 44.9 134.5
150 174.3 0.0 352.0

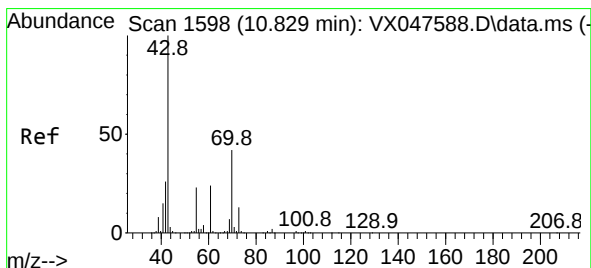
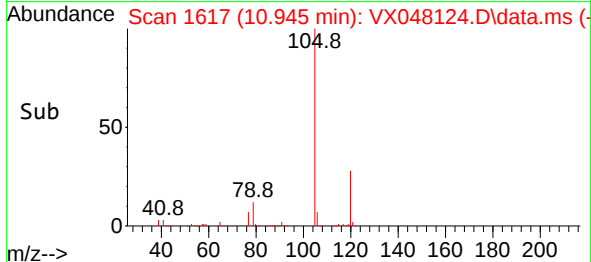
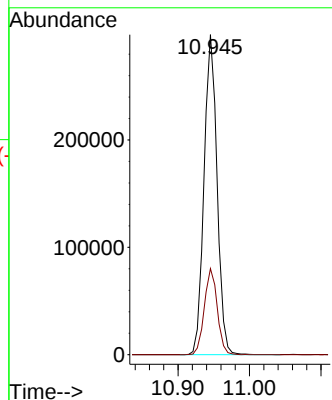
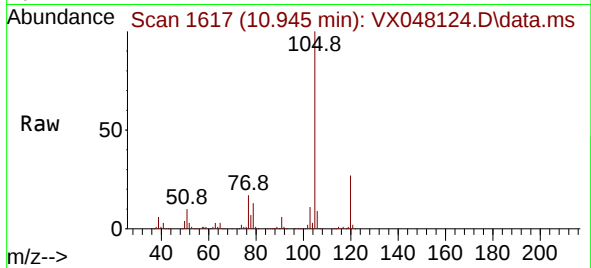




#73
Isopropylbenzene
Concen: 45.514 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

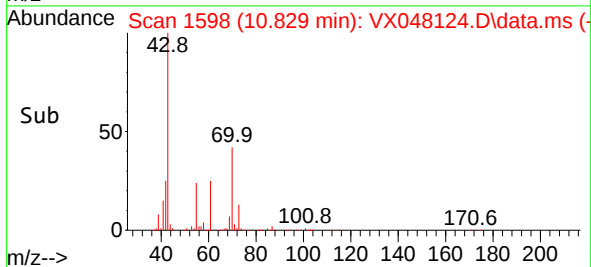
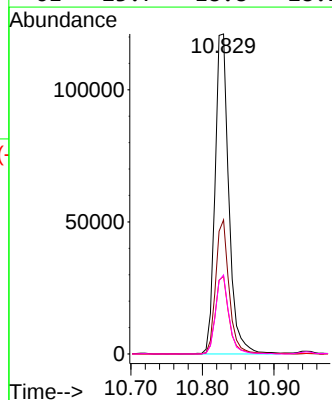
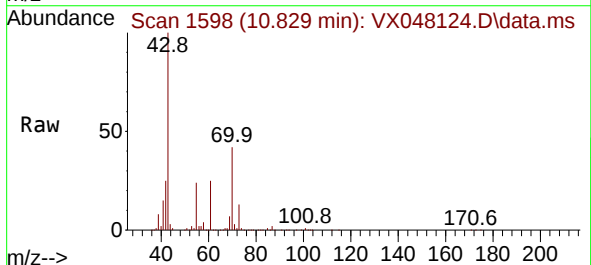
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

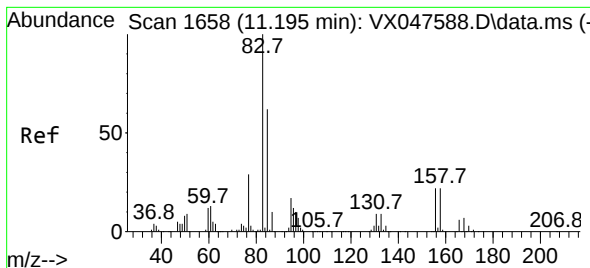
Tgt Ion:105 Resp: 377029
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.4



#74
N-ethyl acetate
Concen: 43.065 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 162680
Ion Ratio Lower Upper
43 100
70 40.5 32.0 48.0
55 24.0 18.9 28.3
61 23.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.302 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

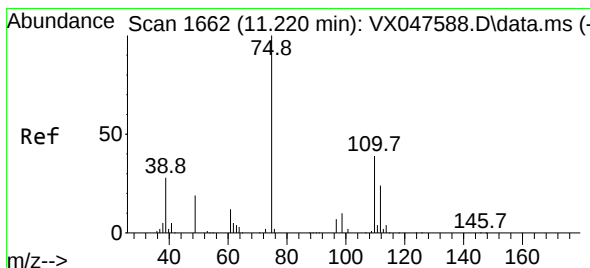
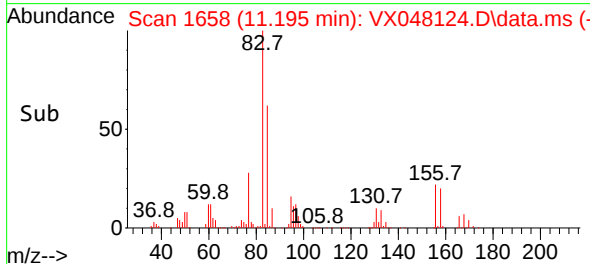
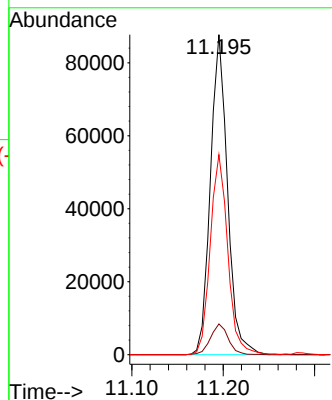
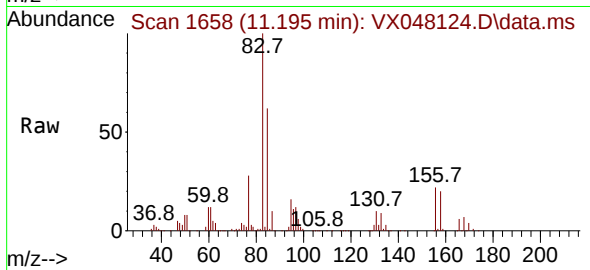
Tgt Ion: 83 Resp: 113538

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.0 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 56.550 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.000 min

Lab File: VX048124.D

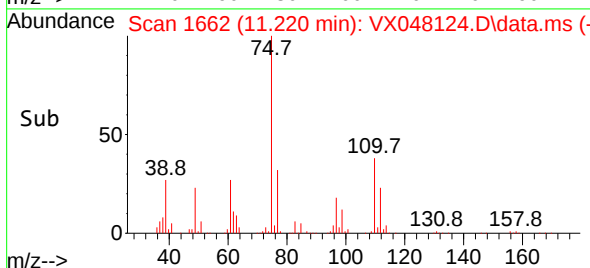
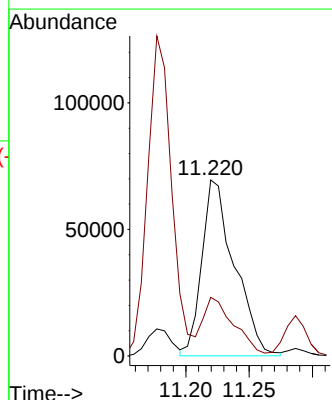
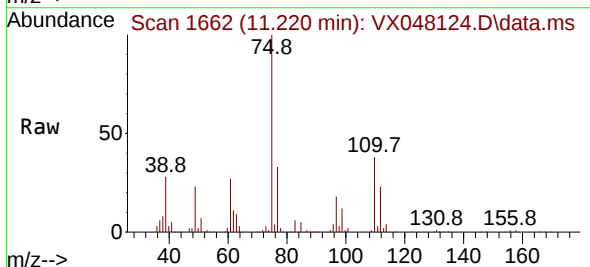
Acq: 10 Oct 2025 19:40

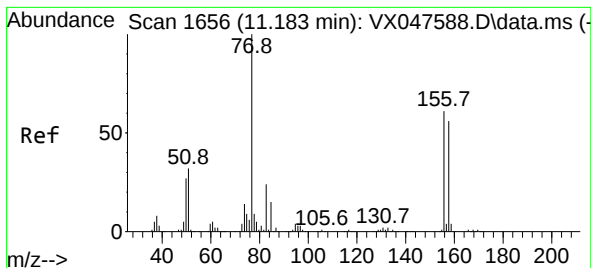
Tgt Ion: 75 Resp: 124754

Ion Ratio Lower Upper

75 100

77 31.4 18.8 56.4





#77

Bromobenzene

Concen: 47.370 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

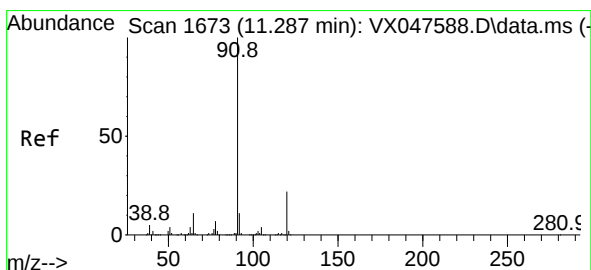
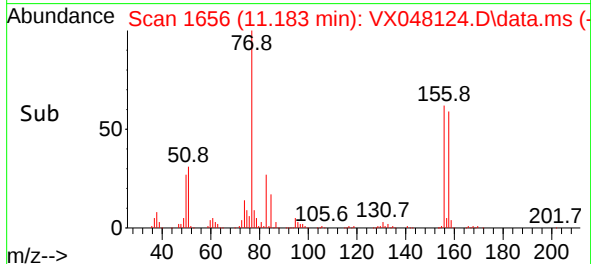
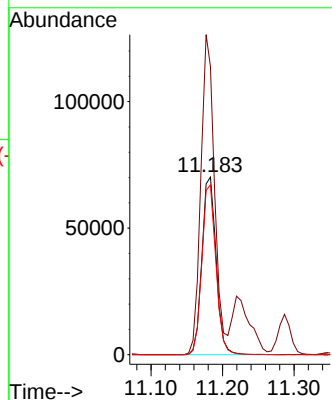
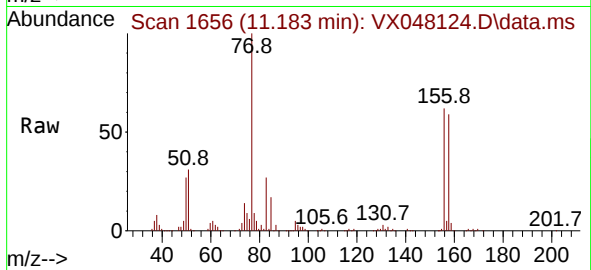
Tgt Ion:156 Resp: 96645

Ion Ratio Lower Upper

156 100

77 174.1 89.7 269.1

158 94.7 47.9 143.6



#78

n-propylbenzene

Concen: 46.485 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048124.D

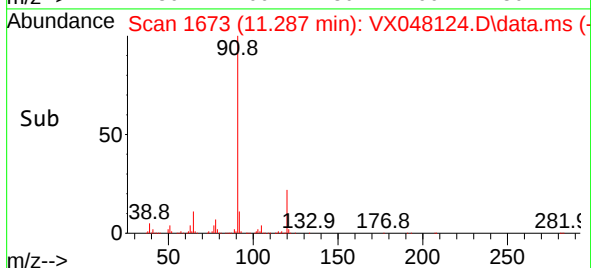
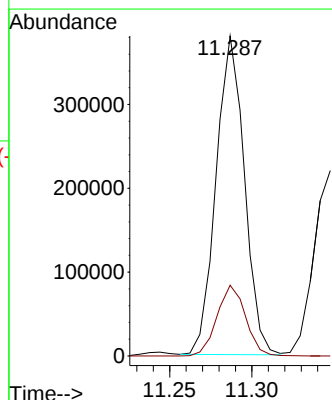
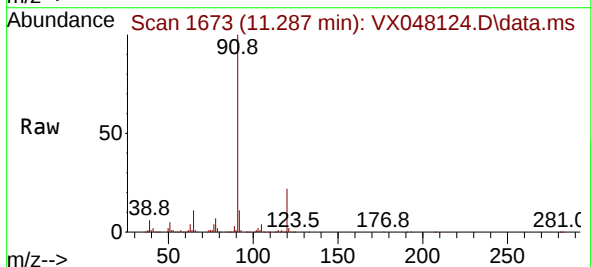
Acq: 10 Oct 2025 19:40

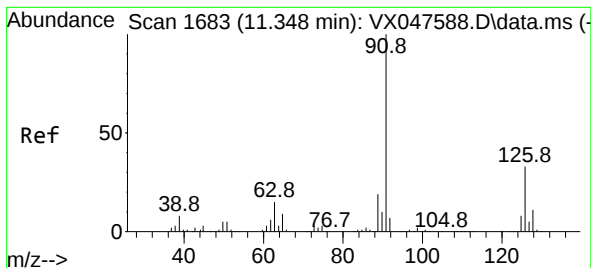
Tgt Ion: 91 Resp: 455204

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 46.076 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

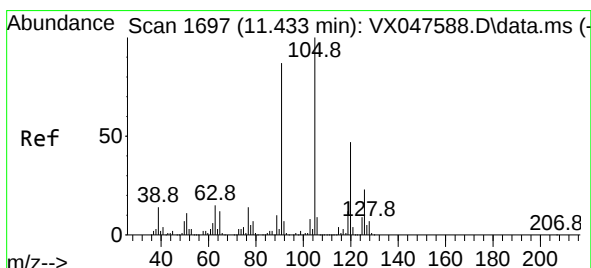
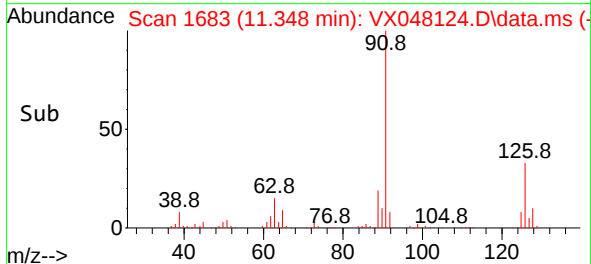
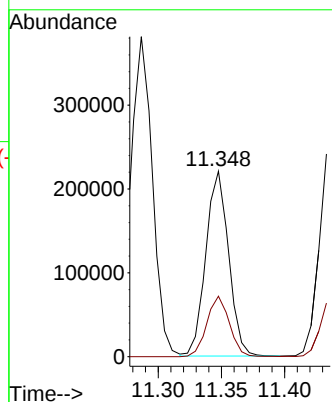
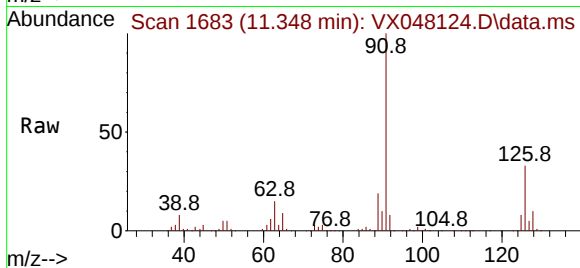
VSTDCCC050EC

Tgt Ion: 91 Resp: 276346

Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 46.468 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048124.D

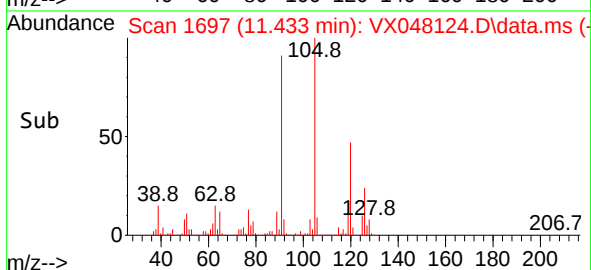
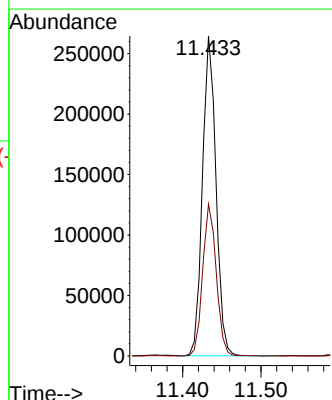
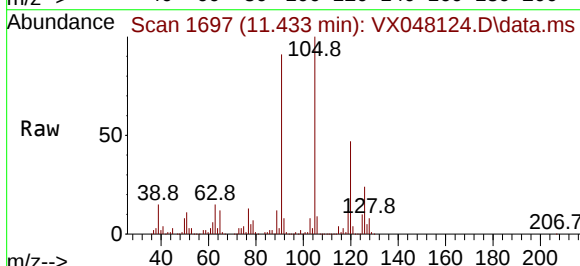
Acq: 10 Oct 2025 19:40

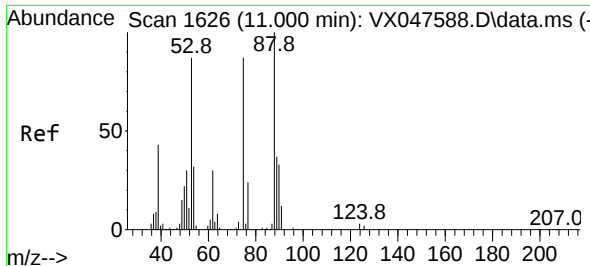
Tgt Ion: 105 Resp: 316254

Ion Ratio Lower Upper

105 100

120 47.8 23.6 70.8

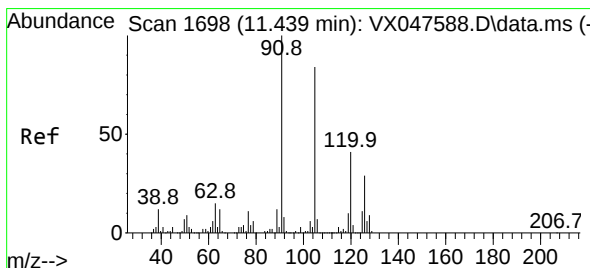
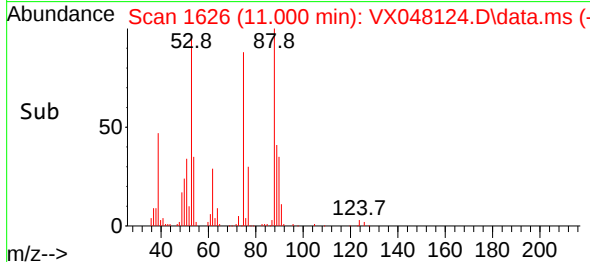
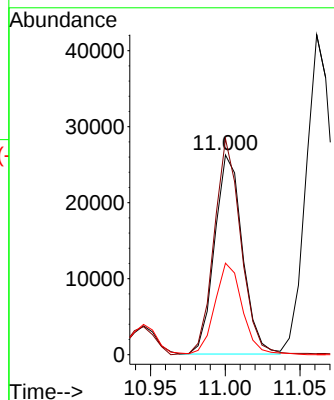
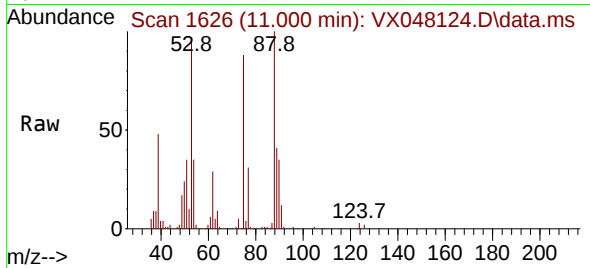




#81
trans-1,4-Dichloro-2-butene
Concen: 39.251 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

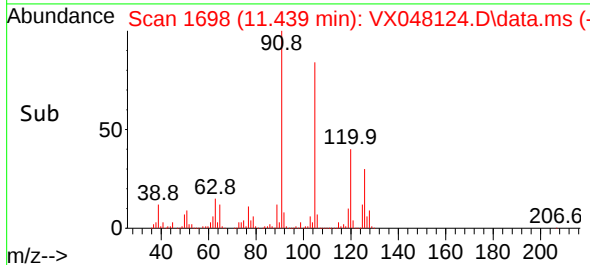
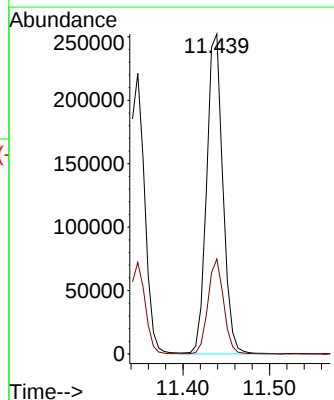
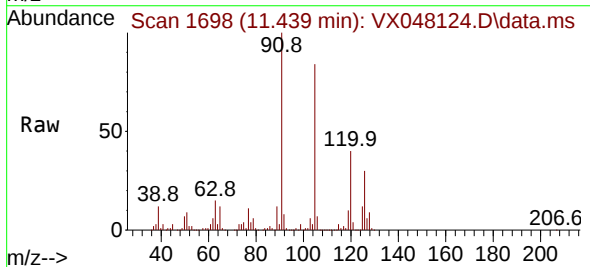
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

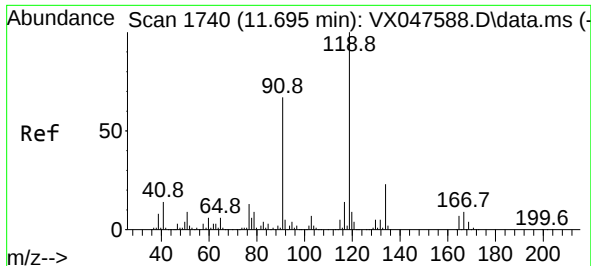
Tgt Ion: 75 Resp: 33955
Ion Ratio Lower Upper
75 100
53 103.9 83.4 125.2
89 45.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 46.351 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 328330
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6

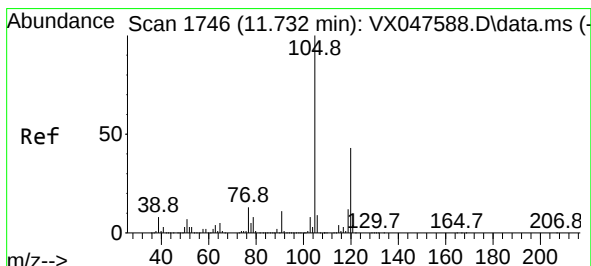
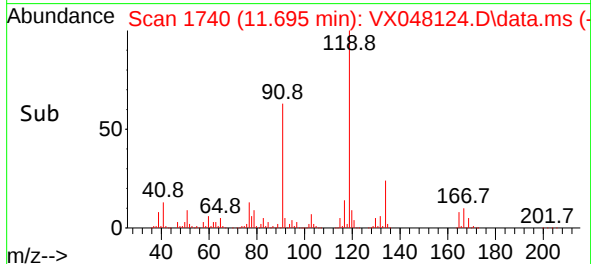
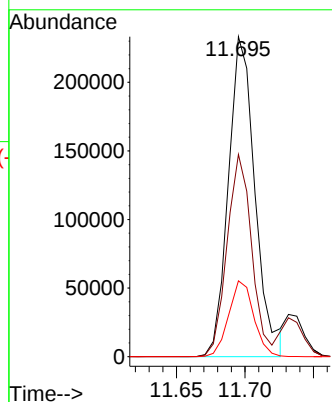
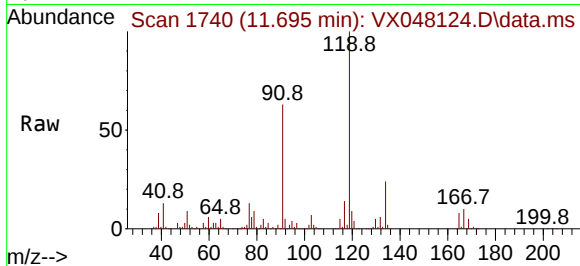




#83
 tert-Butylbenzene
 Concen: 45.281 ug/l
 RT: 11.695 min Scan# 1740
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

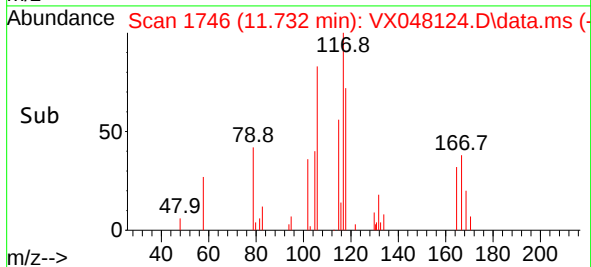
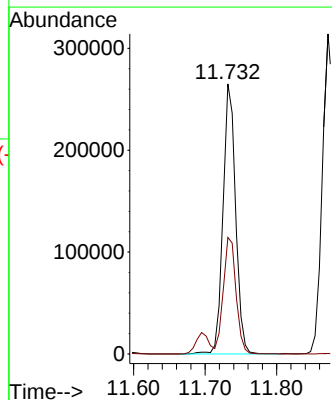
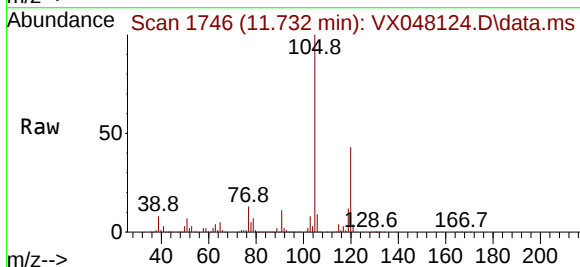
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

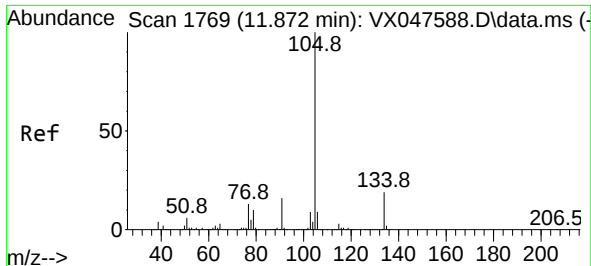
Tgt Ion:119 Resp: 315475
 Ion Ratio Lower Upper
 119 100
 91 58.5 29.6 88.8
 134 22.4 11.0 33.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.020 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 324439
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.1

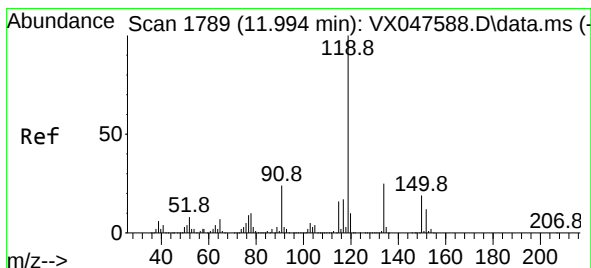
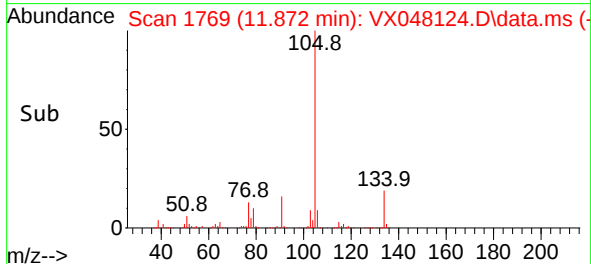
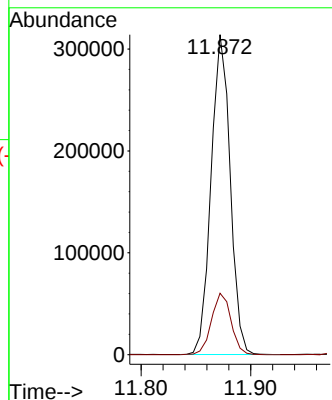
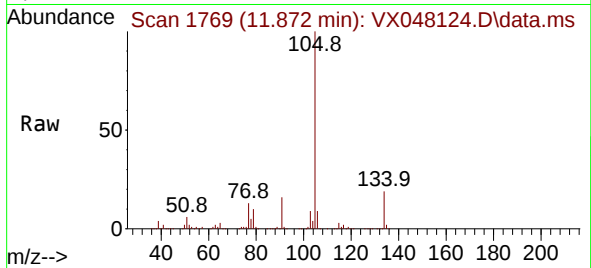




#85
 sec-Butylbenzene
 Concen: 45.854 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

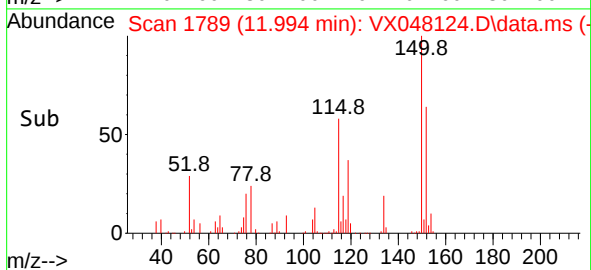
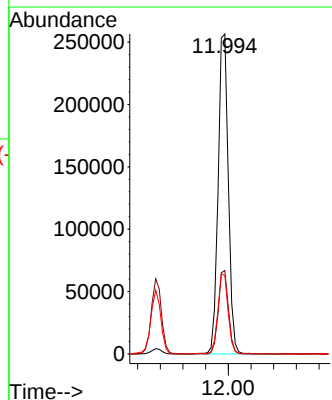
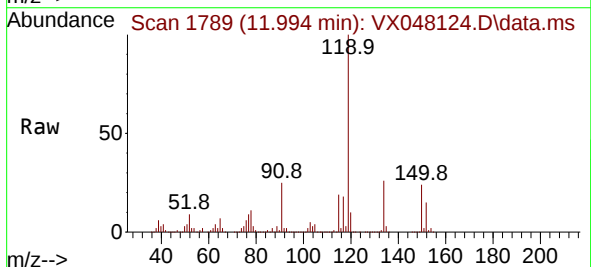
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

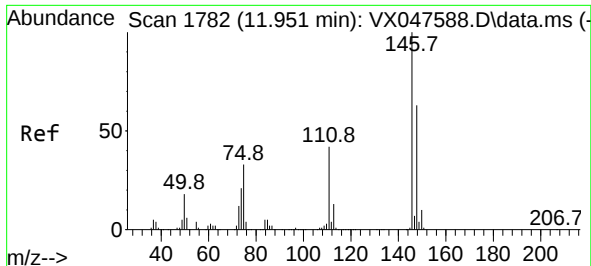
Tgt Ion:105 Resp: 379460
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 45.585 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: VX048124.D
 Acq: 10 Oct 2025 19:40

Tgt Ion:119 Resp: 319363
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.2 12.6 37.6

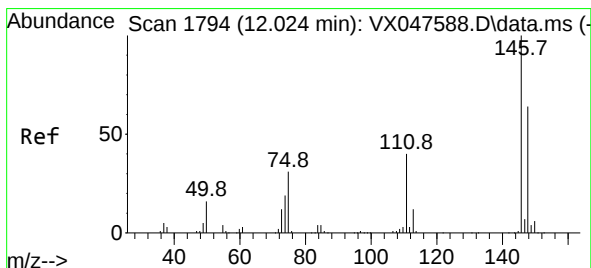
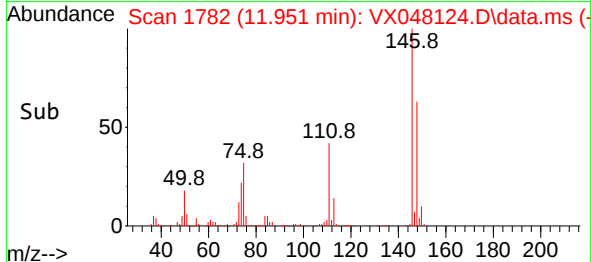
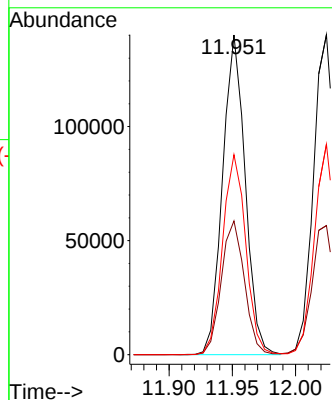
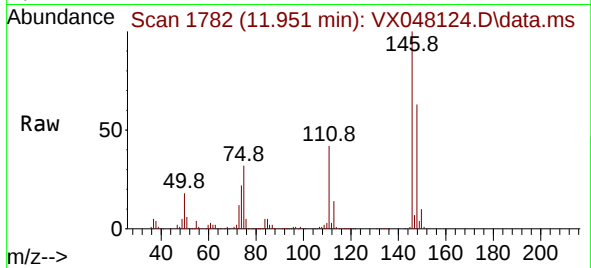




#87
1,3-Dichlorobenzene
Concen: 45.935 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

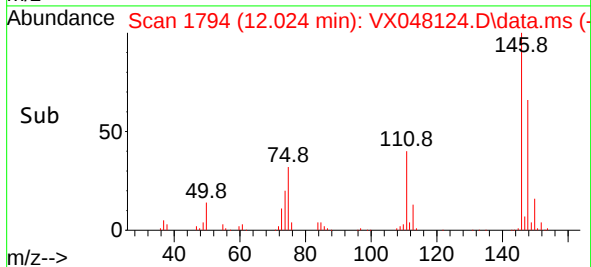
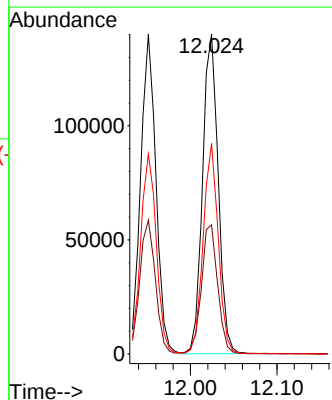
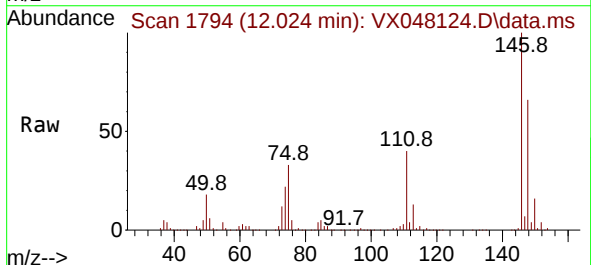
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

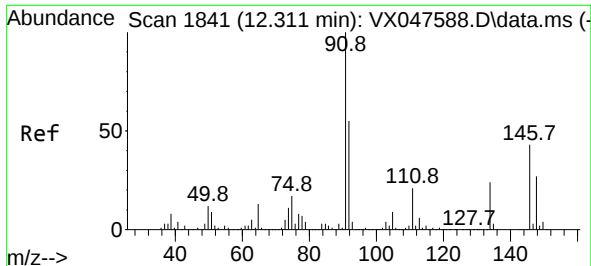
Tgt Ion:146 Resp: 174074
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 64.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 45.205 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:146 Resp: 175818
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.4
148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 45.225 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

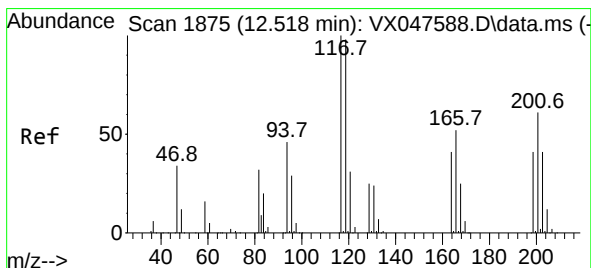
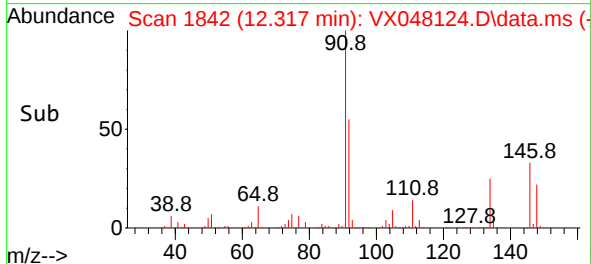
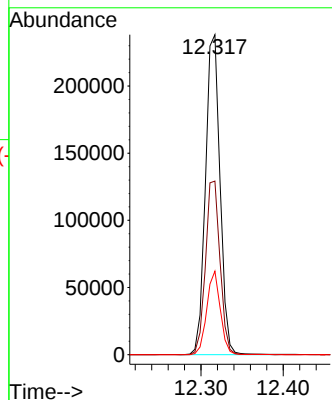
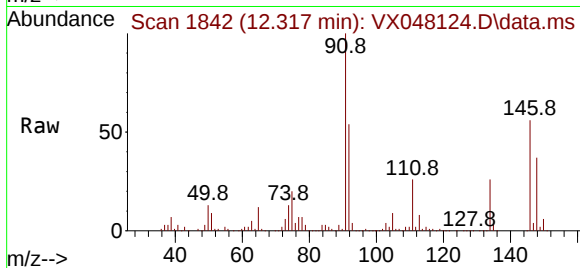
Tgt Ion: 91 Resp: 293175

Ion Ratio Lower Upper

91 100

92 54.3 27.6 82.7

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 46.945 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048124.D

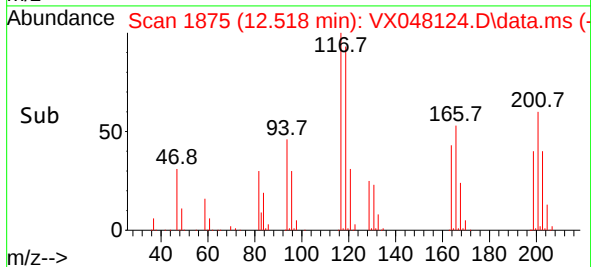
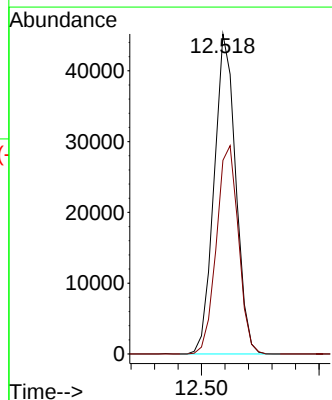
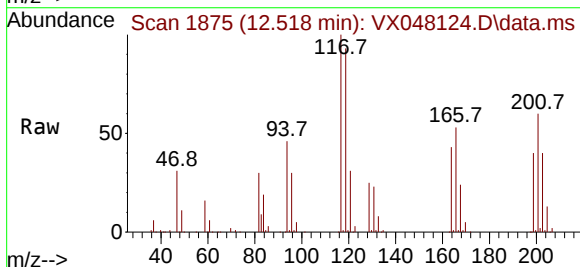
Acq: 10 Oct 2025 19:40

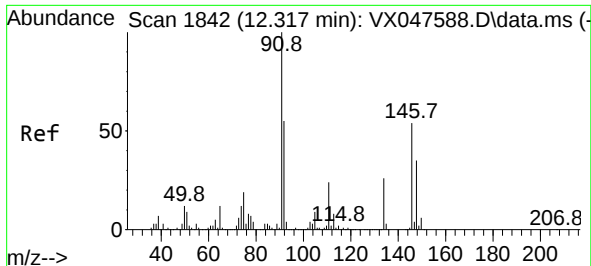
Tgt Ion: 117 Resp: 57744

Ion Ratio Lower Upper

117 100

201 66.3 34.2 102.5

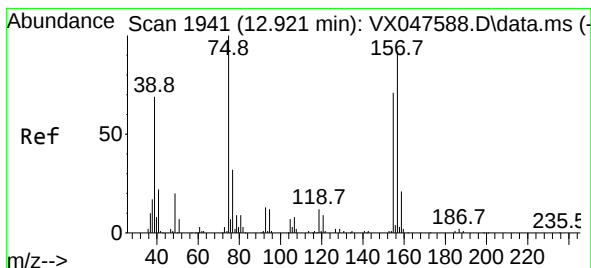
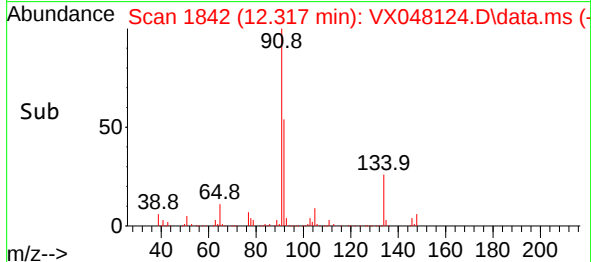
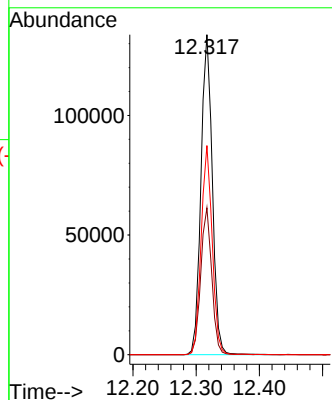
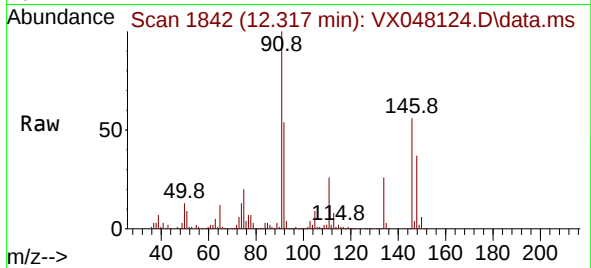




#91
1,2-Dichlorobenzene
Concen: 46.332 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

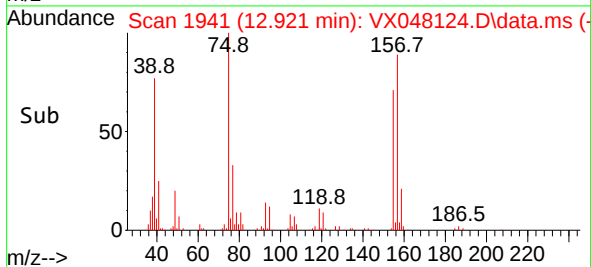
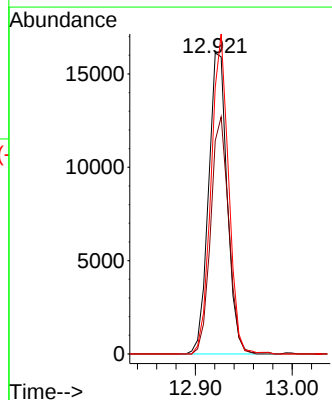
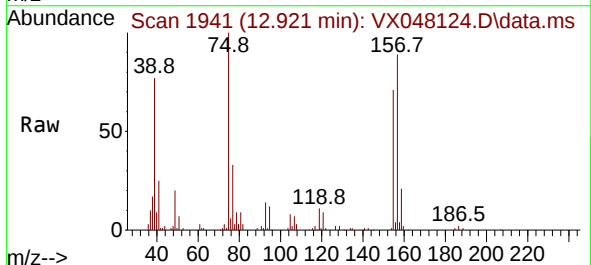
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

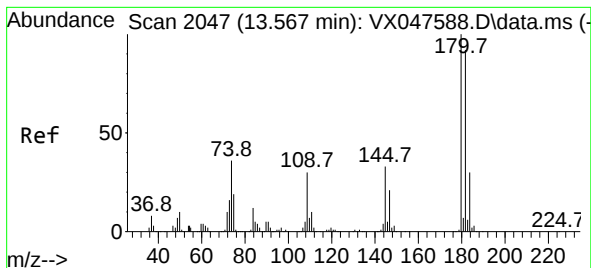
Tgt Ion:146 Resp: 167273
Ion Ratio Lower Upper
146 100
111 44.5 22.2 66.6
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.854 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 21745
Ion Ratio Lower Upper
75 100
155 75.6 37.7 113.1
157 99.1 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 43.488 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

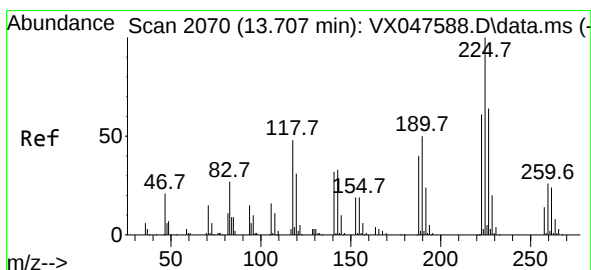
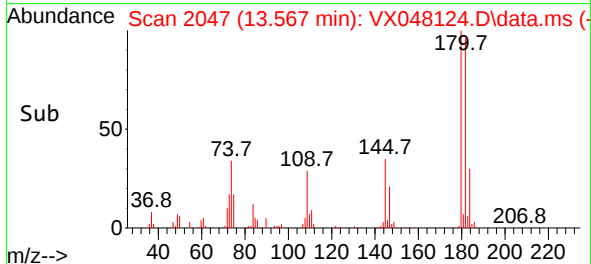
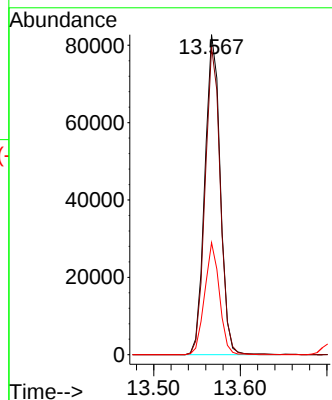
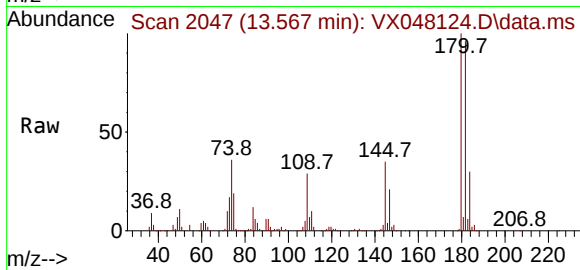
Tgt Ion:180 Resp: 102039

Ion Ratio Lower Upper

180 100

182 94.6 46.6 139.8

145 33.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 42.912 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

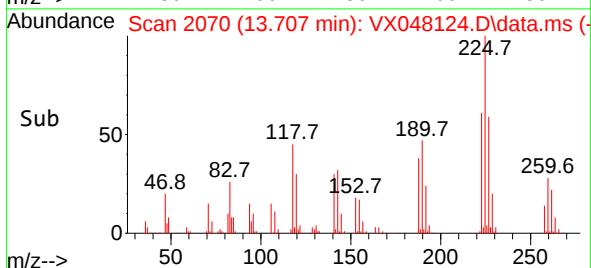
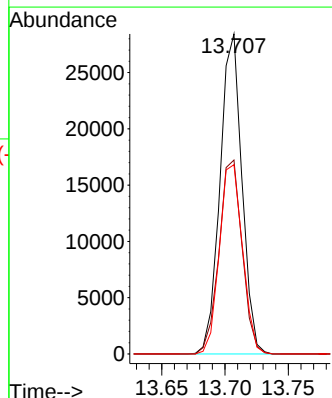
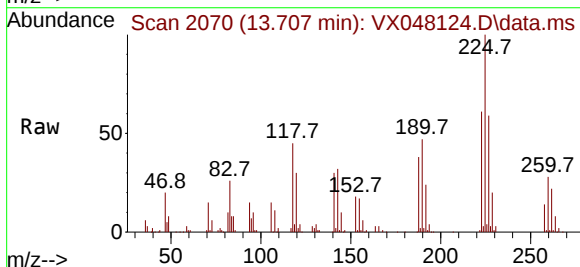
Tgt Ion:225 Resp: 34201

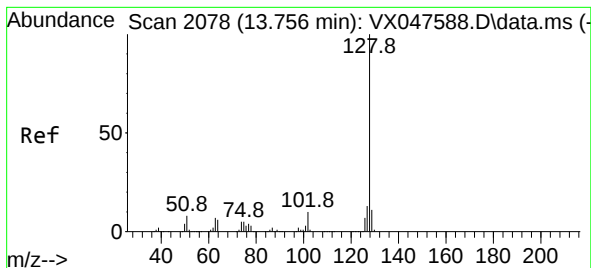
Ion Ratio Lower Upper

225 100

223 63.7 31.7 95.1

227 62.3 32.0 96.0





#95

Naphthalene

Concen: 43.435 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDC050EC

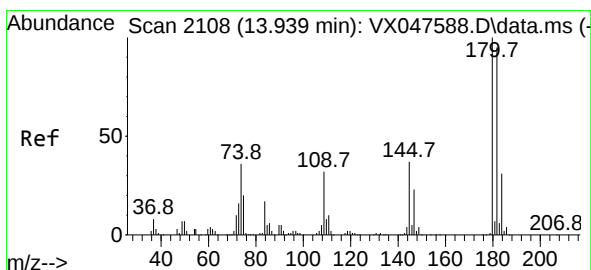
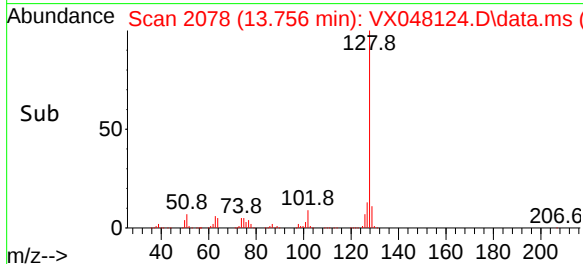
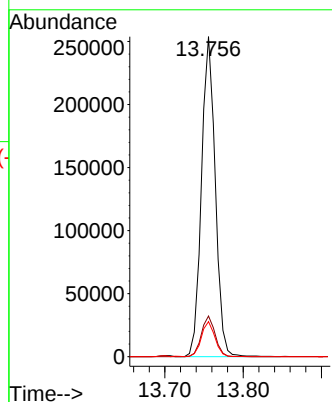
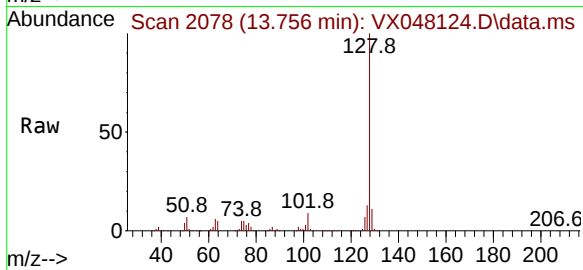
Tgt Ion:128 Resp: 310337

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 43.689 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048124.D

Acq: 10 Oct 2025 19:40

Tgt Ion:180 Resp: 95358

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 34.9 17.9 53.7

