

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047923.D
 Acq On : 30 Sep 2025 19:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 01 01:17:23 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	5.537	168	132534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	238365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111905	53.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.100%	
35) Dibromofluoromethane	5.373	113	86570	54.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.300%	
50) Toluene-d8	8.634	98	293390	53.040	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.080%	
62) 4-Bromofluorobenzene	11.061	95	112253	53.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.940%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	77088	56.170	ug/l	98
3) Chloromethane	1.300	50	92995	51.557	ug/l	98
4) Vinyl Chloride	1.380	62	95992	54.366	ug/l	97
5) Bromomethane	1.611	94	60978	54.463	ug/l	99
6) Chloroethane	1.691	64	65276	55.314	ug/l	97
7) Trichlorofluoromethane	1.892	101	143051	54.566	ug/l	97
8) Diethyl Ether	2.136	74	59427	55.414	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	83865	54.709	ug/l	98
10) Methyl Iodide	2.459	142	104700	43.794	ug/l	100
11) Tert butyl alcohol	2.946	59	60760	258.604	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85570	54.342	ug/l	98
13) Acrolein	2.239	56	57256	264.445	ug/l	99
14) Allyl chloride	2.666	41	162904	50.135	ug/l	98
15) Acrylonitrile	3.056	53	268563	308.592	ug/l	99
16) Acetone	2.373	43	208981	227.831	ug/l	100
17) Carbon Disulfide	2.514	76	219361	50.887	ug/l	98
18) Methyl Acetate	2.703	43	132826	65.067	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	317909	55.306	ug/l	99
20) Methylene Chloride	2.788	84	107848	55.546	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	92481	54.552	ug/l	97
22) Diisopropyl ether	3.751	45	352433	55.966	ug/l #	85
23) Vinyl Acetate	3.715	43	1411660	280.091	ug/l	99
24) 1,1-Dichloroethane	3.605	63	186212	55.634	ug/l	99
25) 2-Butanone	4.544	43	319392	279.147	ug/l	98
26) 2,2-Dichloropropane	4.471	77	117774	42.330	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	113694	54.761	ug/l	96
28) Bromochloromethane	4.885	49	78327	53.604	ug/l	100
29) Tetrahydrofuran	4.995	42	202985	294.905	ug/l	100
30) Chloroform	5.086	83	191739	56.689	ug/l	98
31) Cyclohexane	5.464	56	136628	49.011	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	155464	54.189	ug/l	99
36) 1,1-Dichloropropene	5.684	75	115949	49.637	ug/l	97
37) Ethyl Acetate	4.696	43	136927	54.746	ug/l	100
38) Carbon Tetrachloride	5.666	117	128895	50.785	ug/l	99
39) Methylcyclohexane	7.366	83	126763	47.806	ug/l	99
40) Benzene	6.025	78	384636	54.213	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	73700	57.078	ug/l	99
42) 1,2-Dichloroethane	6.074	62	145986	54.079	ug/l	100
43) Isopropyl Acetate	6.324	43	224413	54.708	ug/l	98
44) Trichloroethene	7.110	130	92363	53.847	ug/l	96
45) 1,2-Dichloropropane	7.415	63	102592	56.471	ug/l	99
46) Dibromomethane	7.568	93	72842	55.099	ug/l	96
47) Bromodichloromethane	7.805	83	152453	55.883	ug/l	97
48) Methyl methacrylate	7.677	41	113343	55.472	ug/l	97
49) 1,4-Dioxane	7.647	88	26956	1305.423	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	679876	298.935	ug/l	100
52) Toluene	8.702	92	234858	53.729	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	144726	52.010	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	157465	52.943	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	95983	56.947	ug/l	98
56) Ethyl methacrylate	9.104	69	149817	56.599	ug/l	97
57) 1,3-Dichloropropane	9.293	76	164563	56.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	384496	300.103	ug/l	99
59) 2-Hexanone	9.415	43	470259	287.896	ug/l	99
60) Dibromochloromethane	9.506	129	112557	57.958	ug/l	99
61) 1,2-Dibromoethane	9.592	107	100581	58.588	ug/l	100
64) Tetrachloroethene	9.256	164	73046	50.812	ug/l	97
65) Chlorobenzene	10.061	112	259779	51.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	92447	53.476	ug/l	99
67) Ethyl Benzene	10.177	91	444221	51.390	ug/l	99
68) m/p-Xylenes	10.287	106	334993	104.119	ug/l	99
69) o-Xylene	10.628	106	161921	52.032	ug/l	99
70) Styrene	10.640	104	289190	53.035	ug/l	98
71) Bromoform	10.780	173	73852	57.212	ug/l #	97
73) Isopropylbenzene	10.945	105	414872	49.469	ug/l	99
74) N-amyl acetate	10.829	43	194530	50.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	138566	54.611	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	149744	67.047	ug/l	89
77) Bromobenzene	11.183	156	103795	50.251	ug/l	98
78) n-propylbenzene	11.286	91	485929	49.015	ug/l	99
79) 2-Chlorotoluene	11.347	91	298892	49.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	339378	49.255	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	40353	46.075	ug/l	99
82) 4-Chlorotoluene	11.439	91	355988	49.640	ug/l	100
83) tert-Butylbenzene	11.695	119	345986	49.053	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	346035	49.536	ug/l	100
85) sec-Butylbenzene	11.872	105	409794	48.913	ug/l	100
86) p-Isopropyltoluene	11.994	119	342231	48.250	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	191106	49.812	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	192965	49.006	ug/l	99
89) n-Butylbenzene	12.317	91	312733	47.651	ug/l	98
90) Hexachloroethane	12.518	117	62984	50.578	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	186186	50.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26953	52.467	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	112758	47.467	ug/l	98
94) Hexachlorobutadiene	13.707	225	36753	45.550	ug/l	98
95) Naphthalene	13.756	128	370067	51.160	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	107969	48.861	ug/l	98

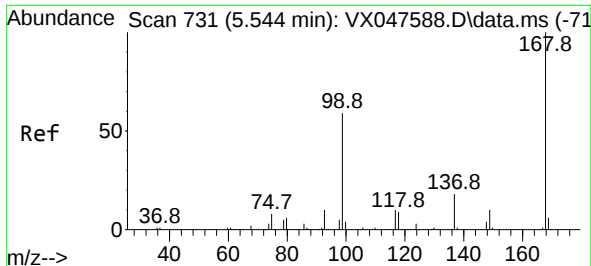
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
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Response via : Initial Calibration

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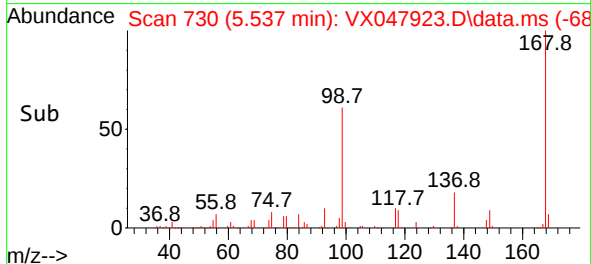
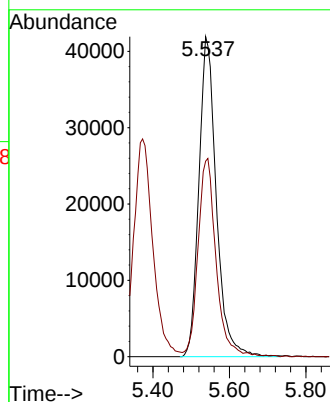
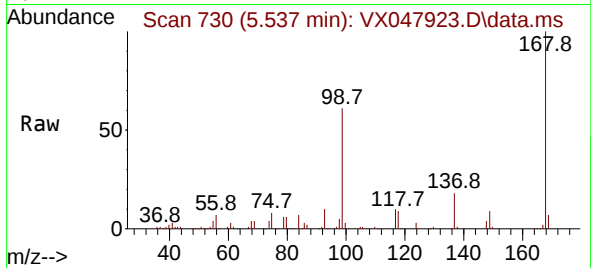
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

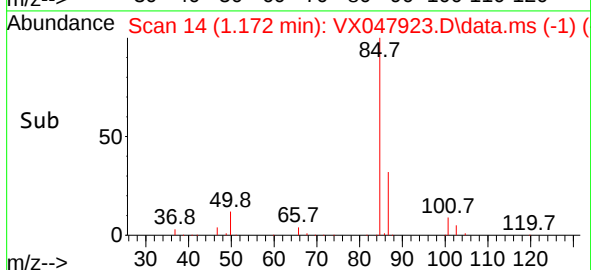
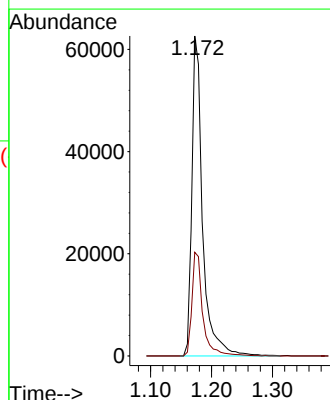
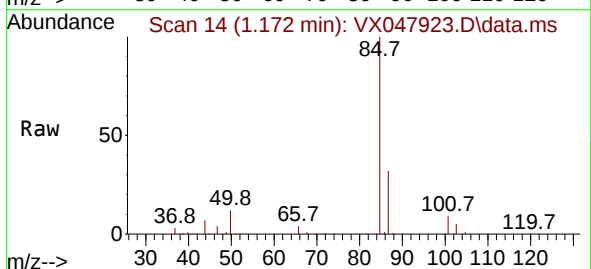
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

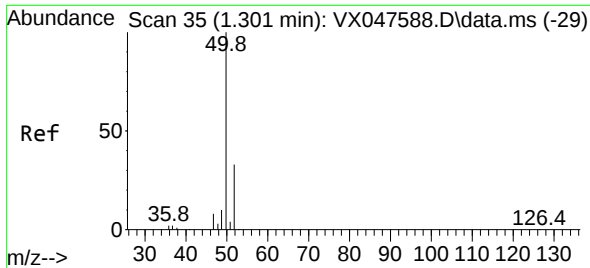
Tgt Ion:168 Resp: 132534
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 56.170 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 85 Resp: 77088
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3

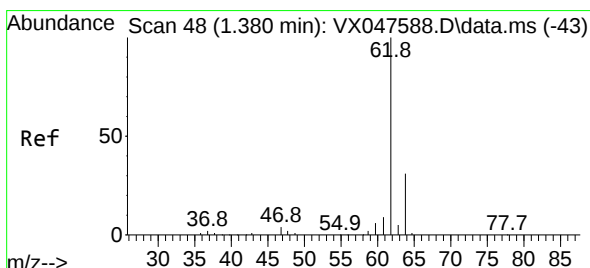
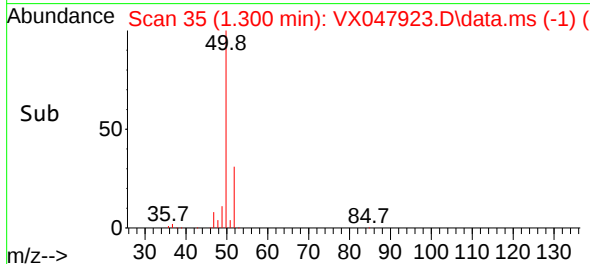
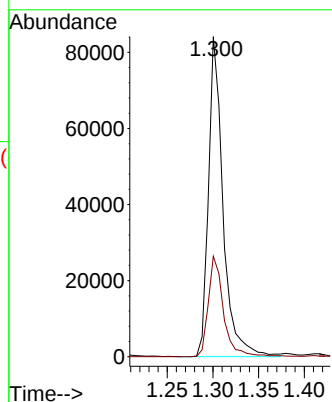
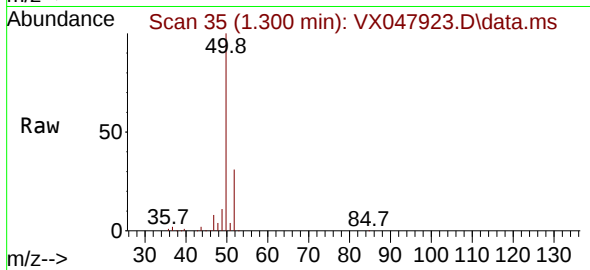




#3
Chloromethane
Concen: 51.557 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

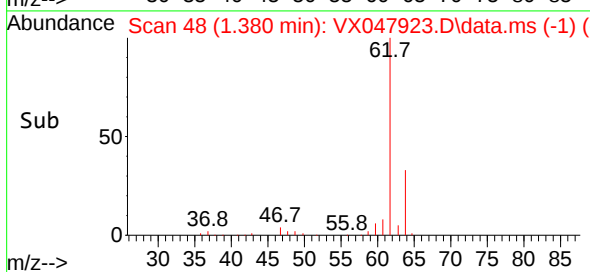
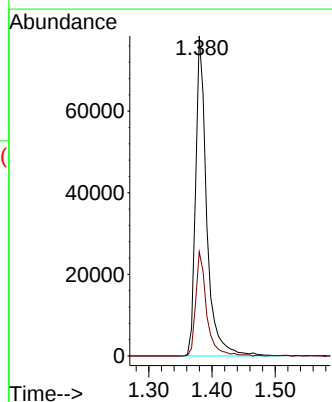
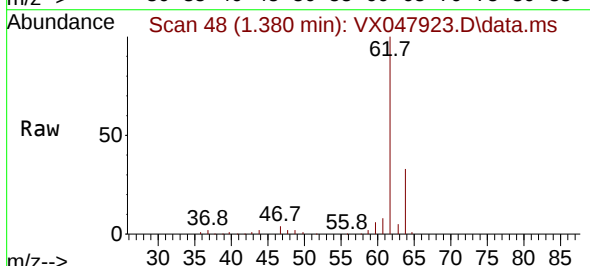
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 92995
Ion Ratio Lower Upper
50 100
52 31.4 26.1 39.1



#4
Vinyl Chloride
Concen: 54.366 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 62 Resp: 95992
Ion Ratio Lower Upper
62 100
64 32.6 24.9 37.3

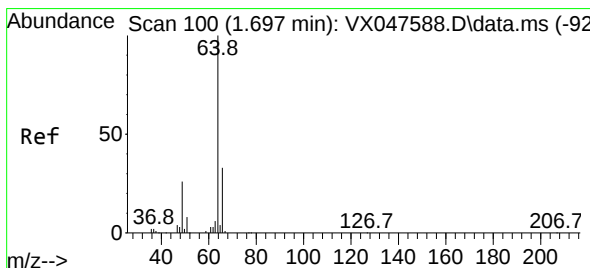
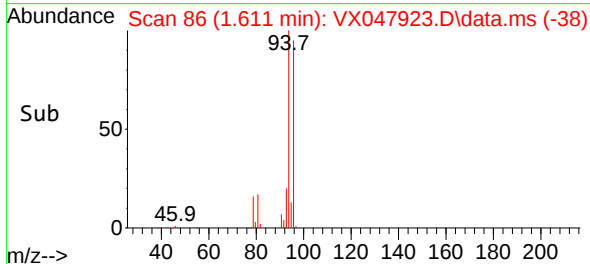
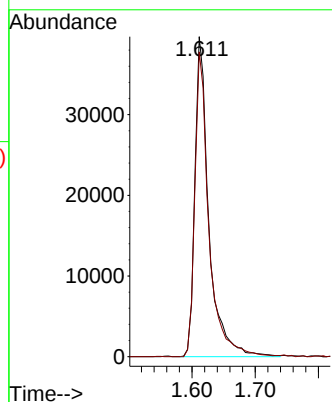
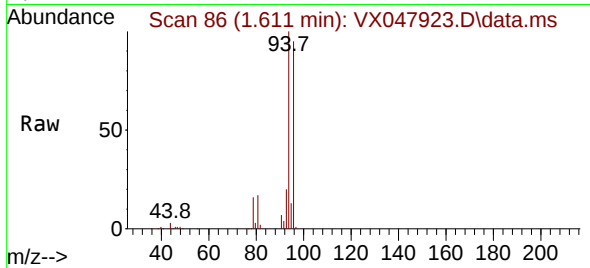




#5
Bromomethane
Concen: 54.463 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

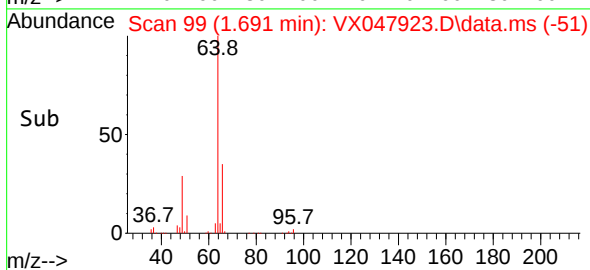
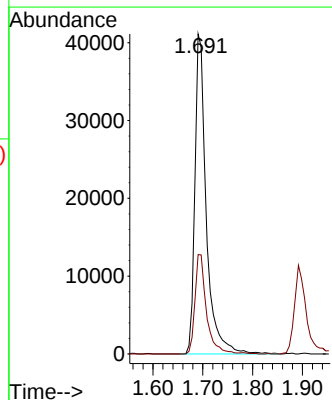
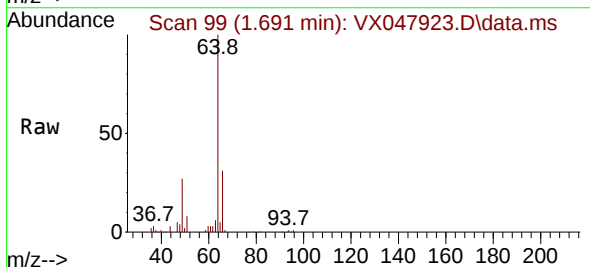
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 60978
Ion Ratio Lower Upper
94 100
96 95.2 76.6 115.0



#6
Chloroethane
Concen: 55.314 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 64 Resp: 65276
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1

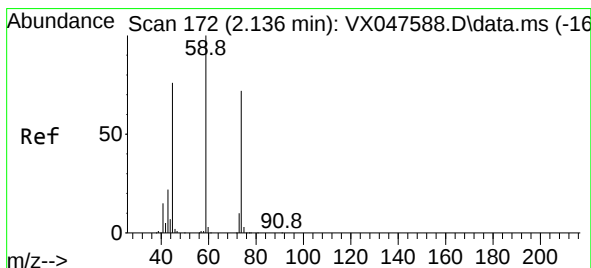
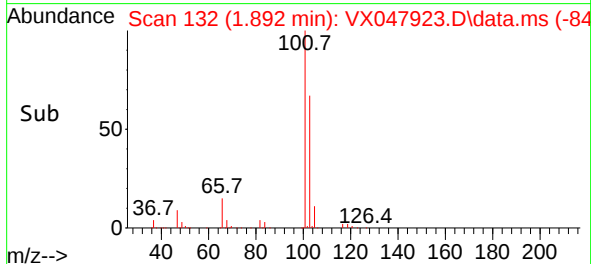
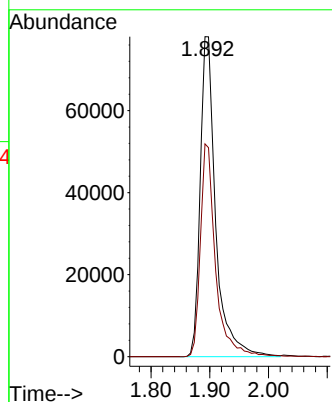
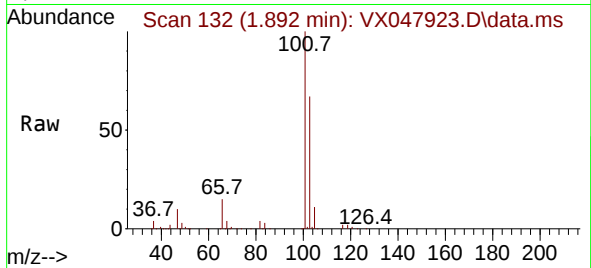




#7
Trichlorofluoromethane
Concen: 54.566 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047923.D
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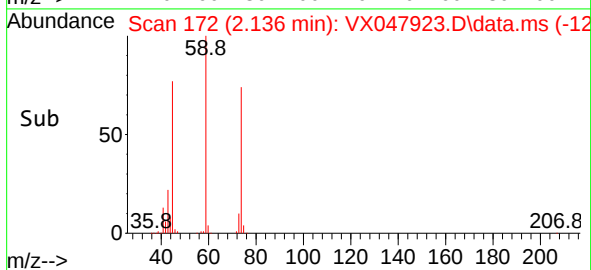
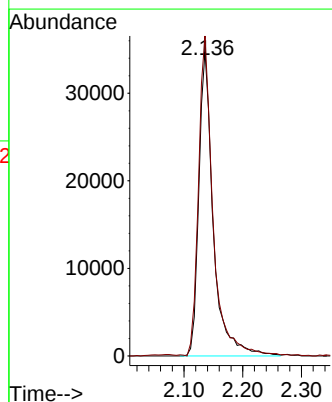
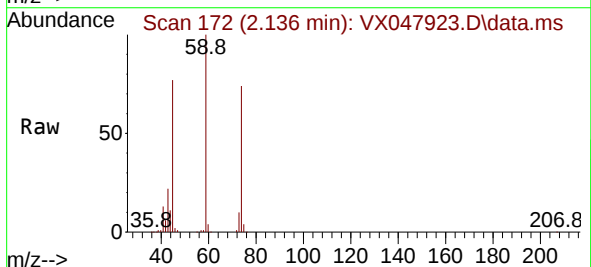
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 143051
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.2



#8
Diethyl Ether
Concen: 55.414 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 74 Resp: 59427
Ion Ratio Lower Upper
74 100
45 105.0 52.3 156.8

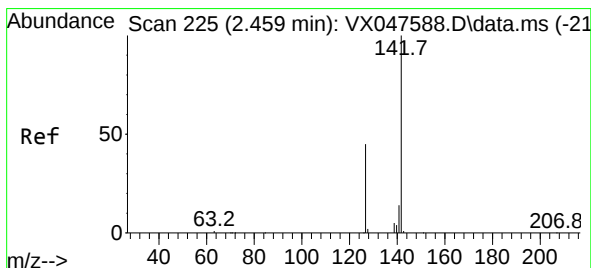
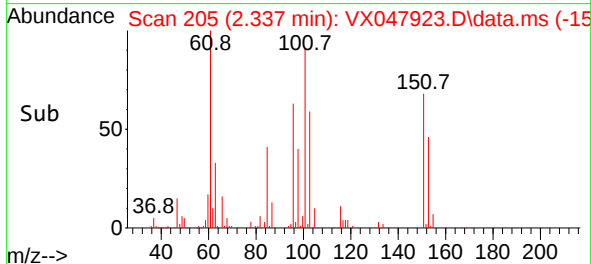
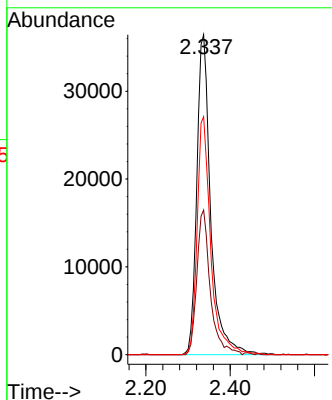
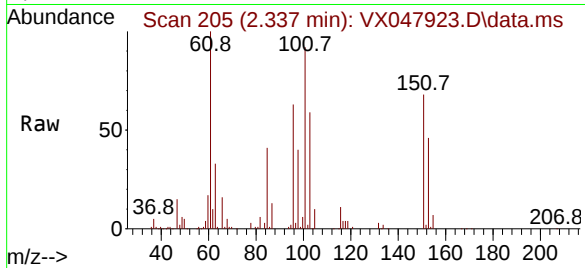




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.709 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047923.D
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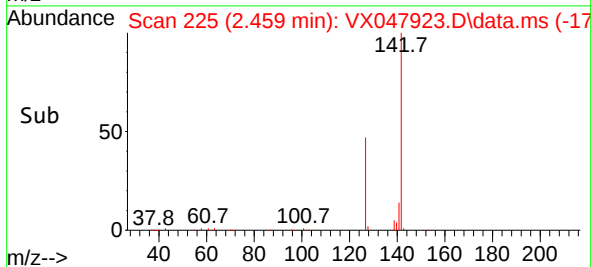
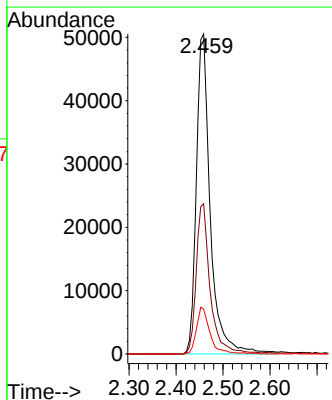
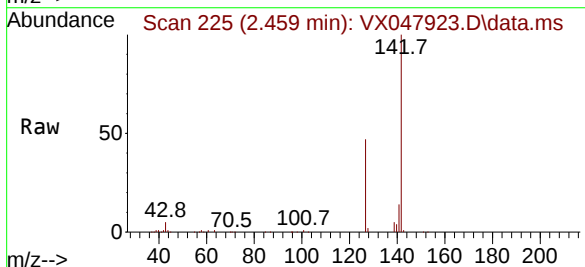
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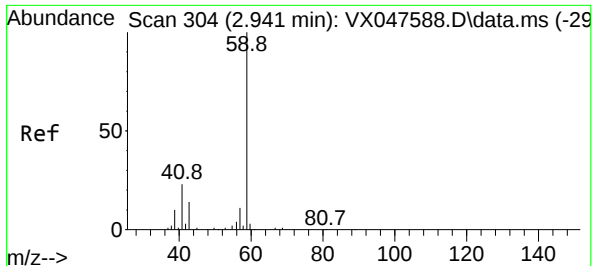
Tgt Ion:101 Resp: 83865
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 72.7 59.4 89.0



#10
Methyl Iodide
Concen: 43.794 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion:142 Resp: 104700
Ion Ratio Lower Upper
142 100
127 46.8 37.2 55.8
141 14.2 11.4 17.0

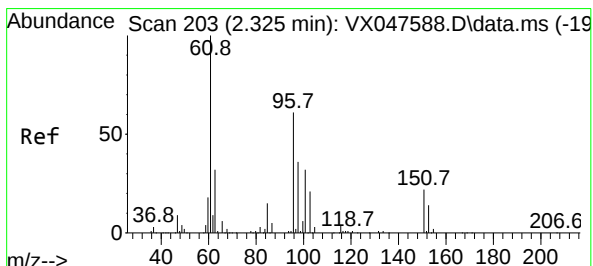
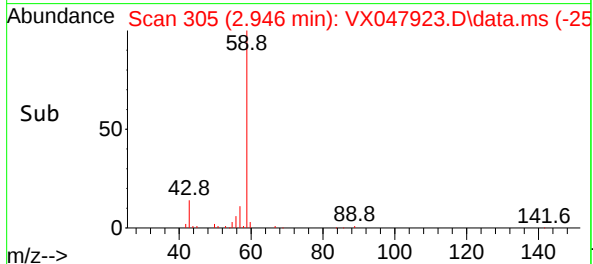
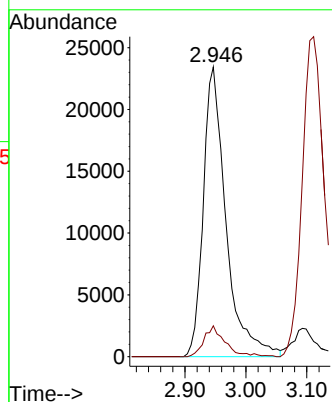
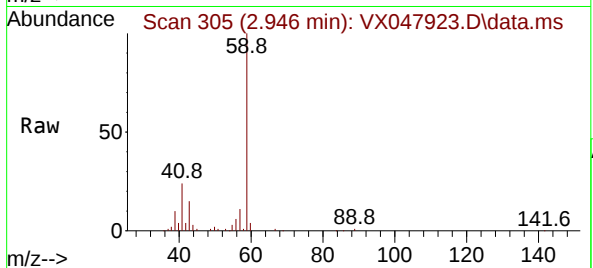




#11
Tert butyl alcohol
Concen: 258.604 ug/l
RT: 2.946 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

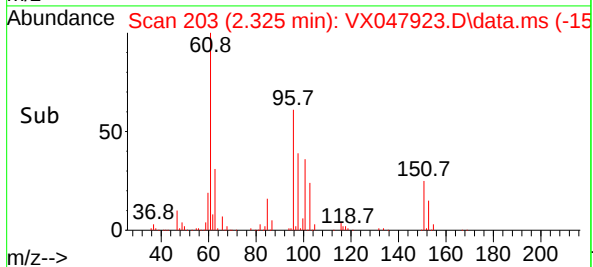
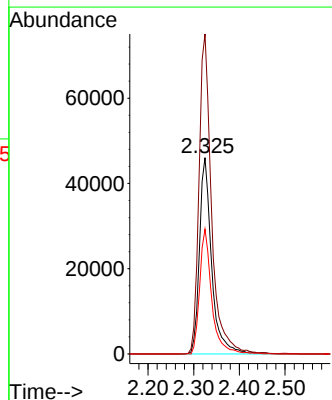
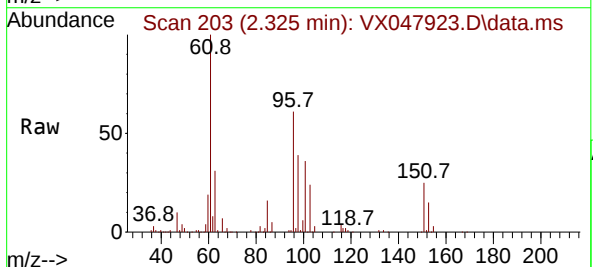
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 60760
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 54.342 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 96 Resp: 85570
Ion Ratio Lower Upper
96 100
61 163.1 131.0 196.6
98 63.6 47.7 71.5

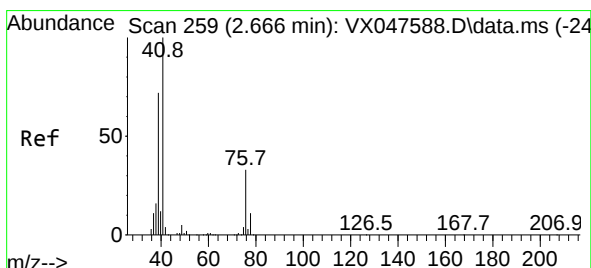
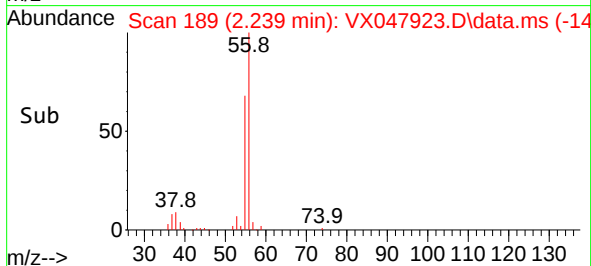
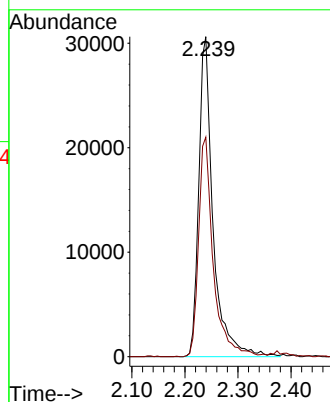
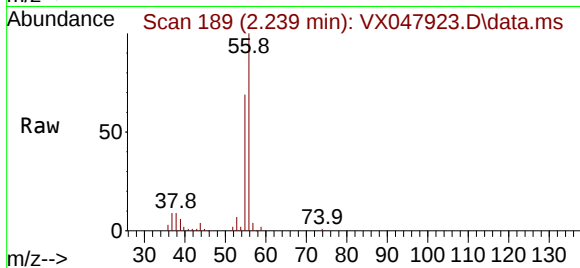




#13
Acrolein
Concen: 264.445 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

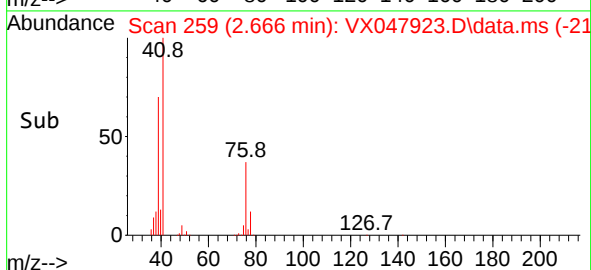
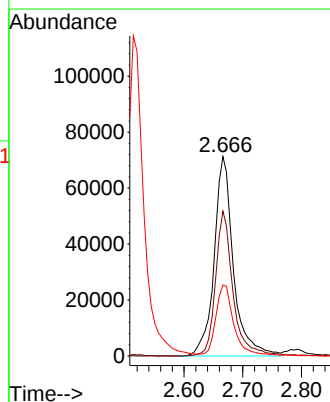
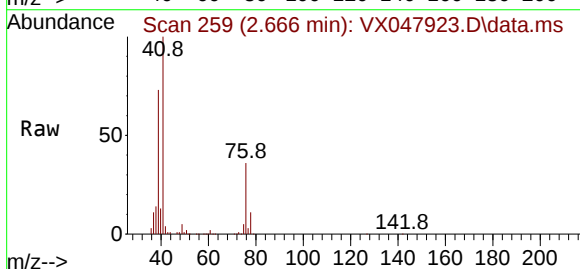
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

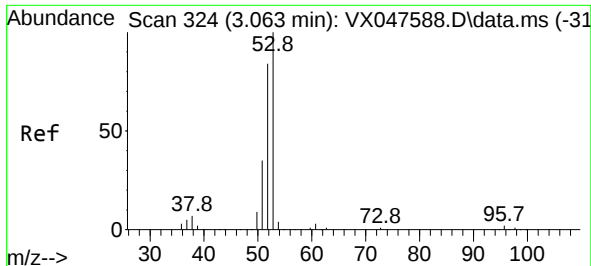
Tgt Ion: 56 Resp: 57256
Ion Ratio Lower Upper
56 100
55 70.8 57.2 85.8



#14
Allyl chloride
Concen: 50.135 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 41 Resp: 162904
Ion Ratio Lower Upper
41 100
39 66.0 54.7 82.1
76 32.5 25.7 38.5

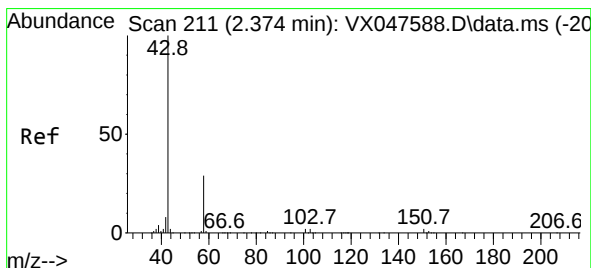
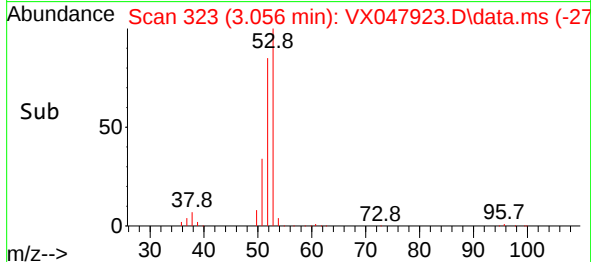
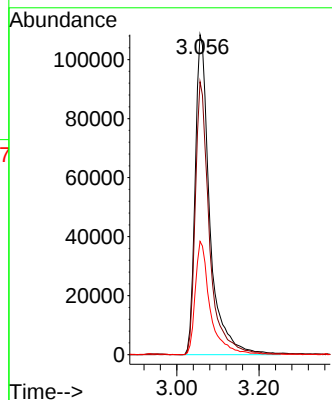
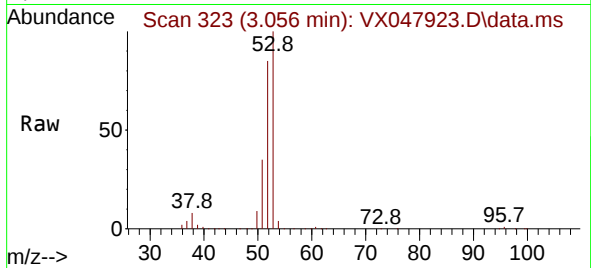




#15
Acrylonitrile
Concen: 308.592 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

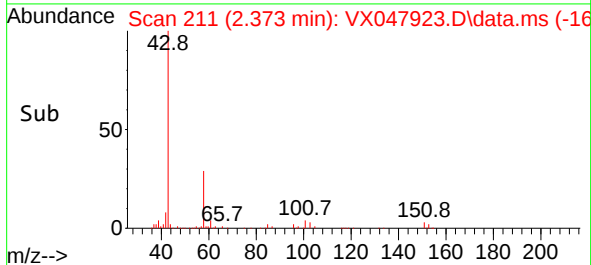
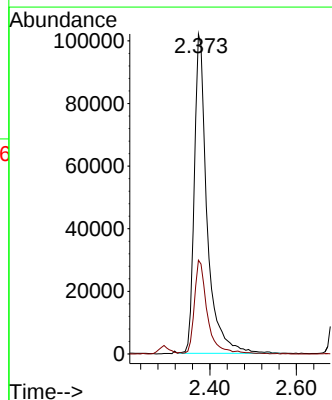
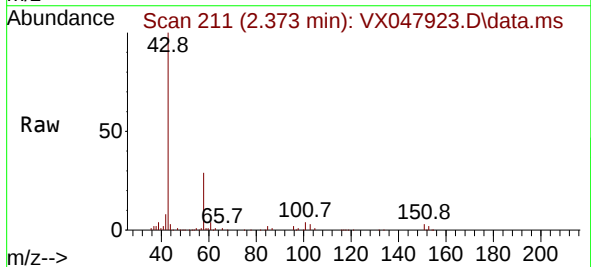
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

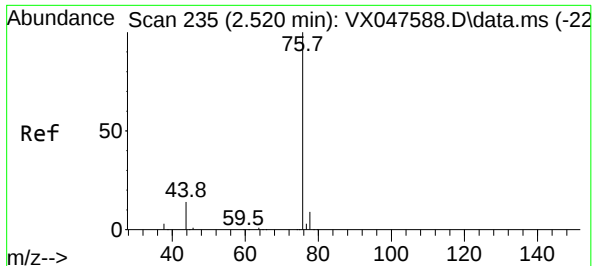
Tgt Ion: 53 Resp: 268563
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.3 29.5 44.3



#16
Acetone
Concen: 227.831 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 43 Resp: 208981
Ion Ratio Lower Upper
43 100
58 29.3 23.4 35.0

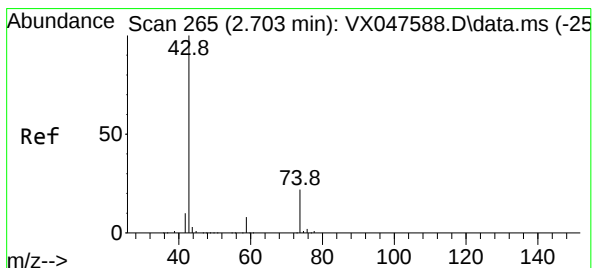
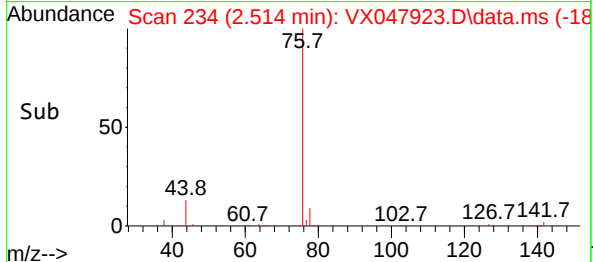
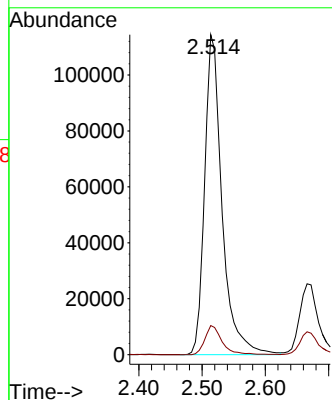
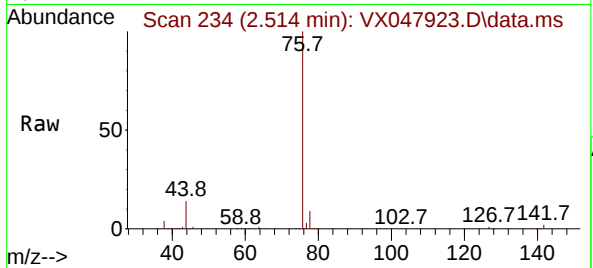




#17
Carbon Disulfide
Concen: 50.887 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

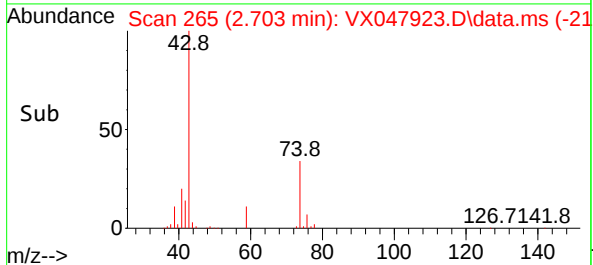
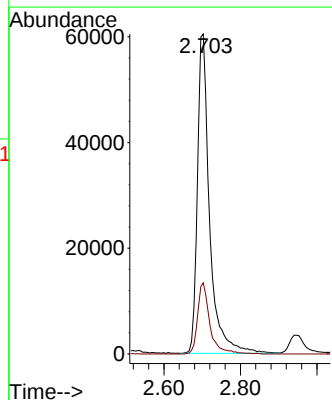
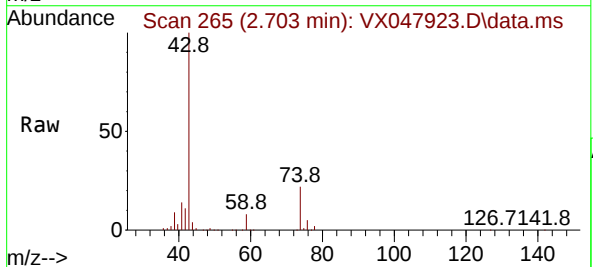
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

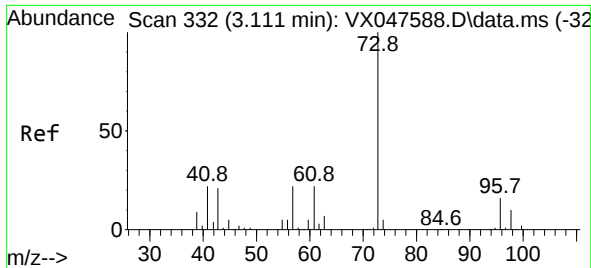
Tgt Ion: 76 Resp: 219361
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 65.067 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 43 Resp: 132826
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2

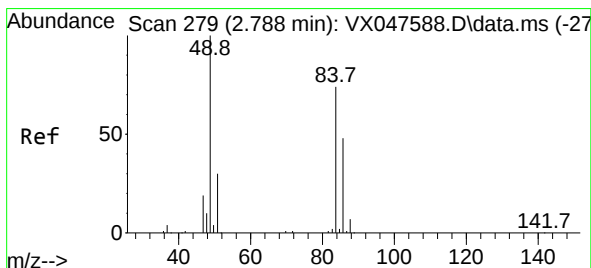
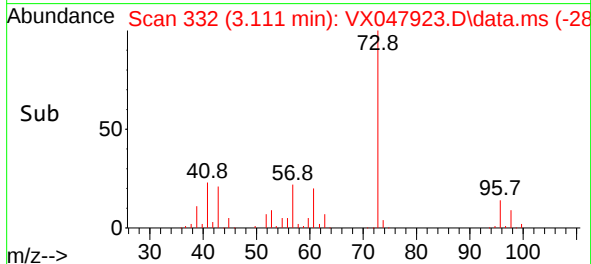
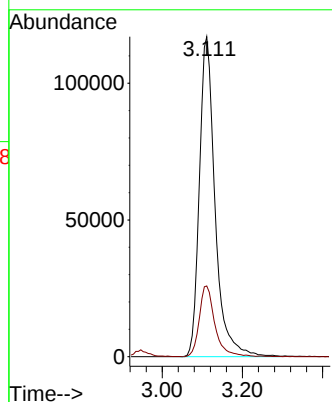
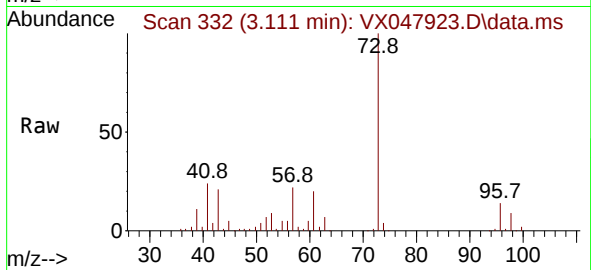




#19
Methyl tert-butyl Ether
Concen: 55.306 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

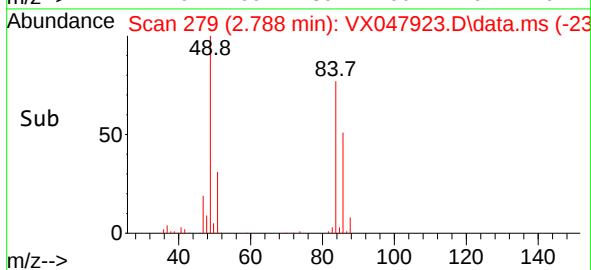
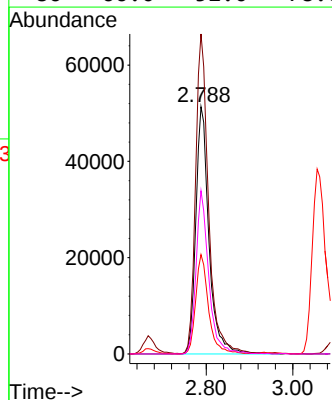
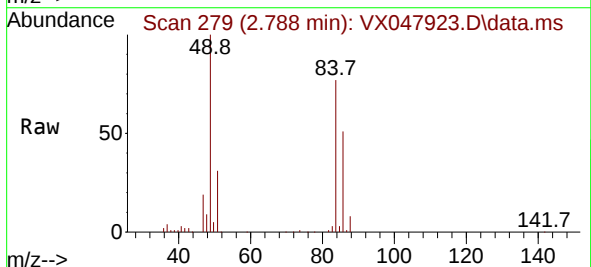
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

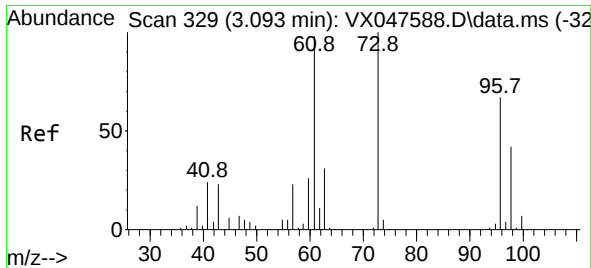
Tgt Ion: 73 Resp: 317909
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2



#20
Methylene Chloride
Concen: 55.546 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 84 Resp: 107848
Ion Ratio Lower Upper
84 100
49 129.4 108.6 162.8
51 40.2 32.6 48.8
86 66.0 52.0 78.0

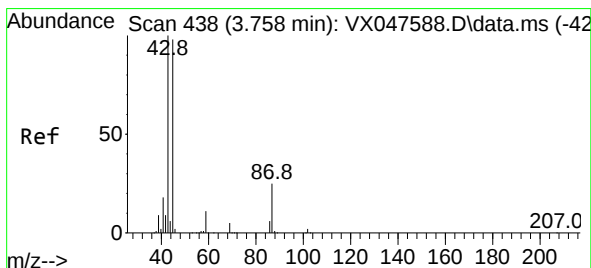
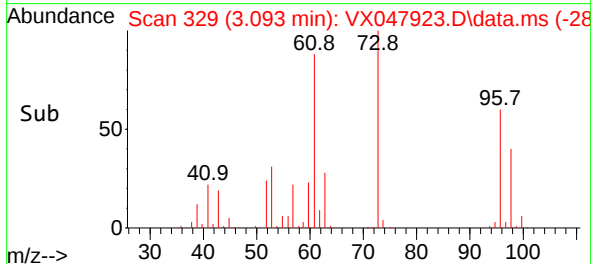
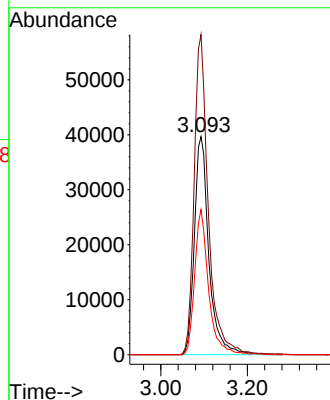
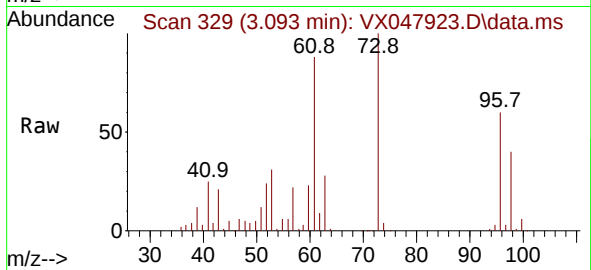




#21
trans-1,2-Dichloroethene
Concen: 54.552 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

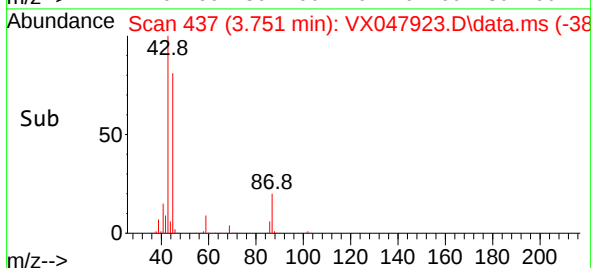
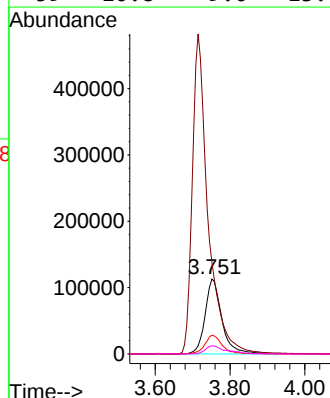
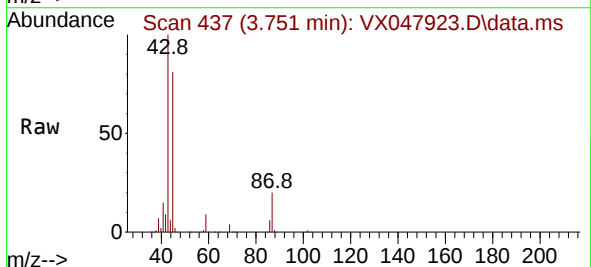
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

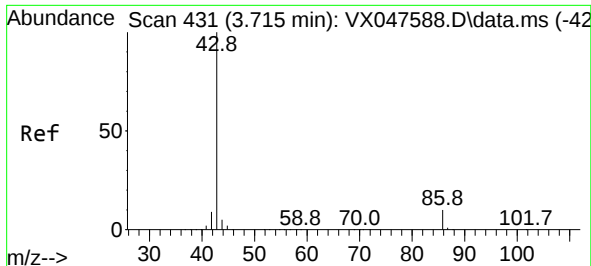
Tgt Ion: 96 Resp: 92481
Ion Ratio Lower Upper
96 100
61 146.8 116.2 174.2
98 66.6 49.3 73.9



#22
Diisopropyl ether
Concen: 55.966 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 45 Resp: 352433
Ion Ratio Lower Upper
45 100
43 121.9 81.0 121.4#
87 25.0 20.3 30.5
59 10.8 9.0 13.4

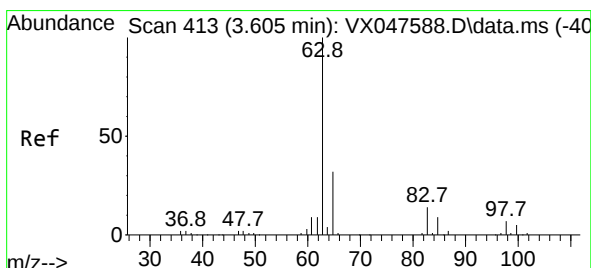
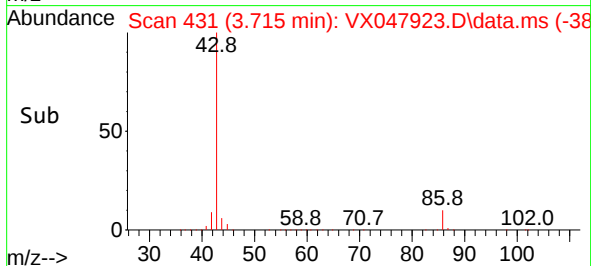
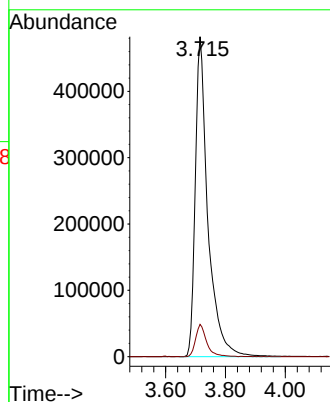
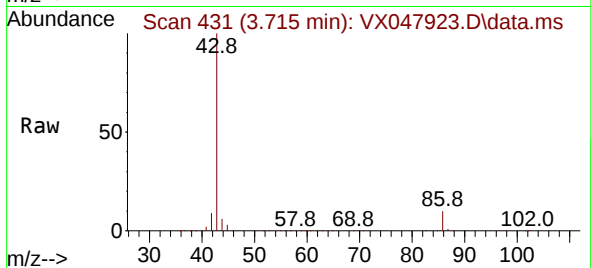




#23
 Vinyl Acetate
 Concen: 280.091 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

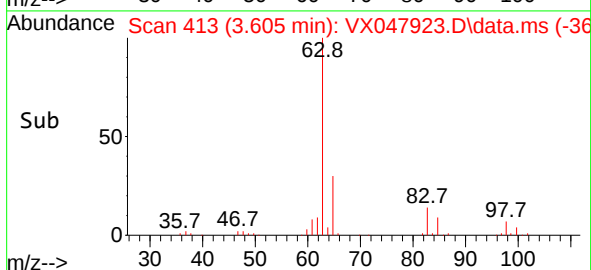
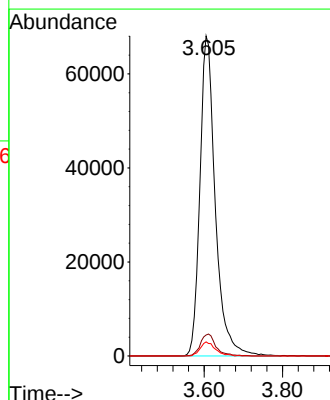
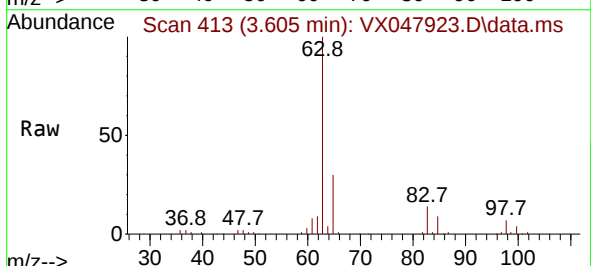
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

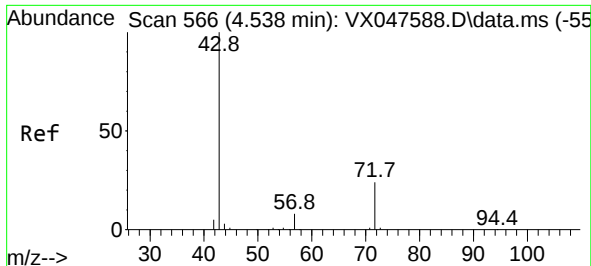
Tgt Ion: 43 Resp: 1411660
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 55.634 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

Tgt Ion: 63 Resp: 186212
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 279.147 ug/l

RT: 4.544 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

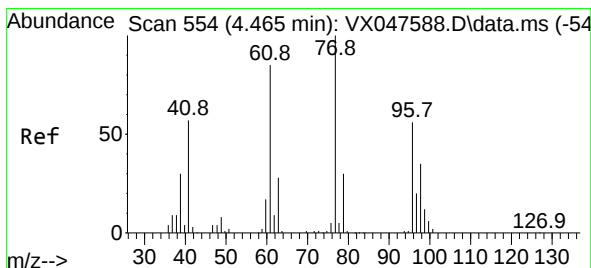
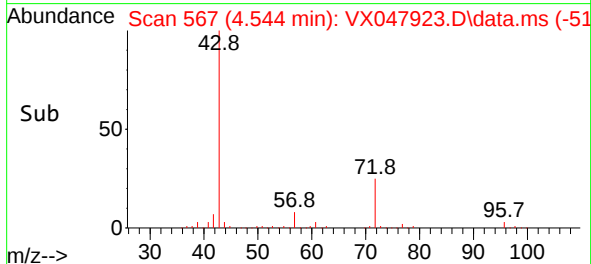
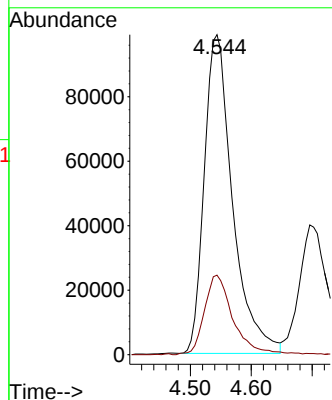
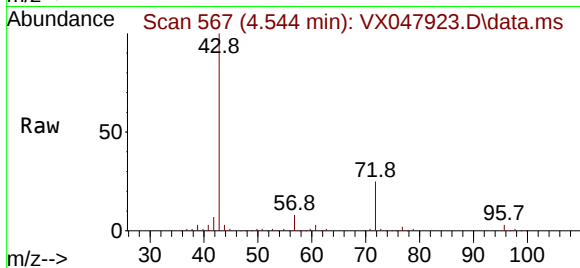
VSTDCCC050EC

Tgt Ion: 43 Resp: 319392

Ion Ratio Lower Upper

43 100

72 24.3 20.1 30.1



#26

2,2-Dichloropropane

Concen: 42.330 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX047923.D

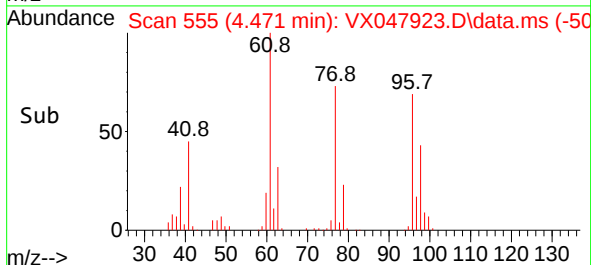
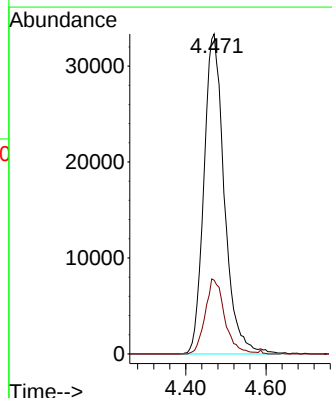
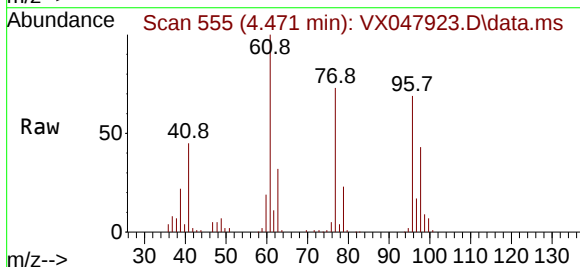
Acq: 30 Sep 2025 19:30

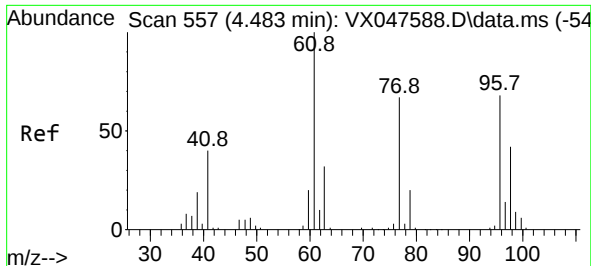
Tgt Ion: 77 Resp: 117774

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 54.761 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

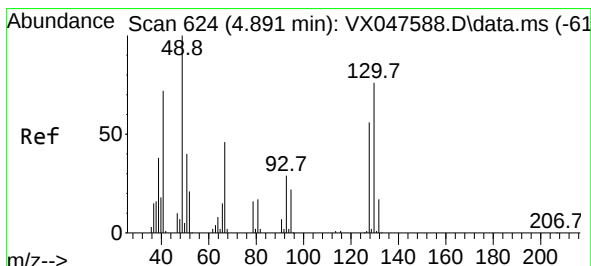
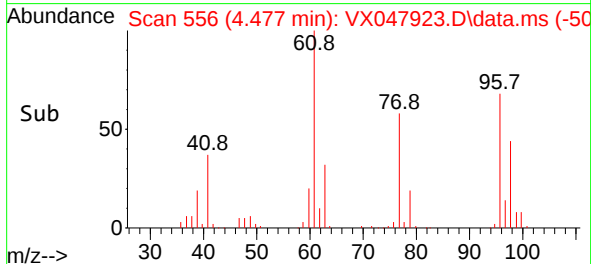
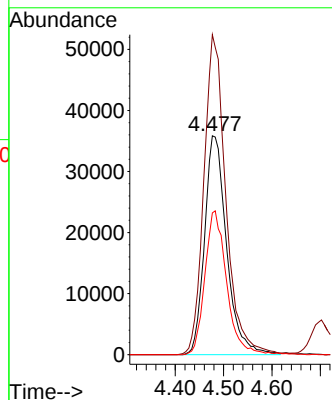
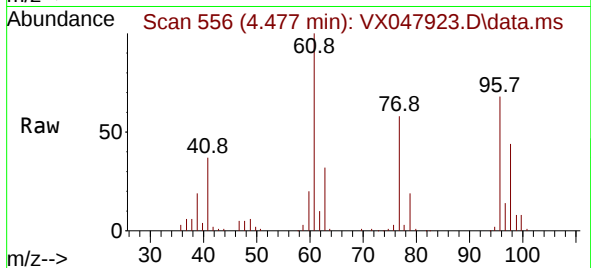
Tgt Ion: 96 Resp: 113694

Ion Ratio Lower Upper

96 100

61 145.7 0.0 303.2

98 64.9 0.0 127.8



#28

Bromochloromethane

Concen: 53.604 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

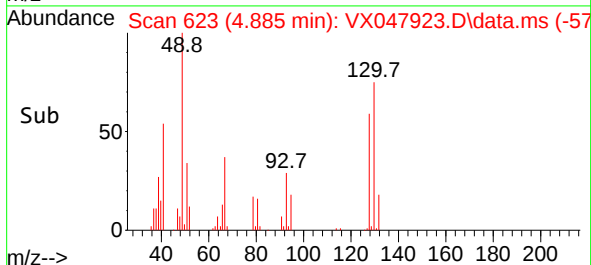
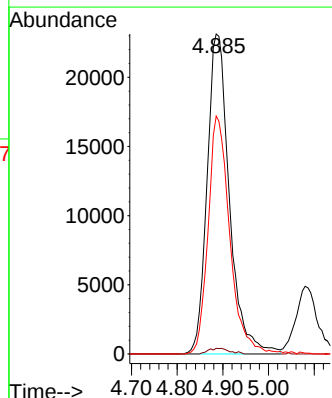
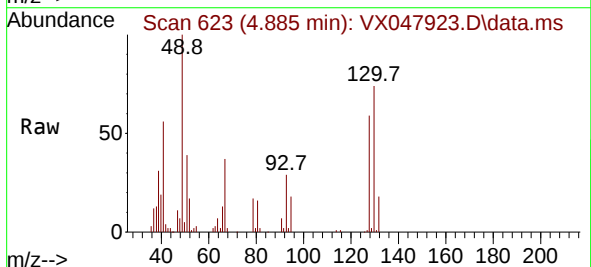
Tgt Ion: 49 Resp: 78327

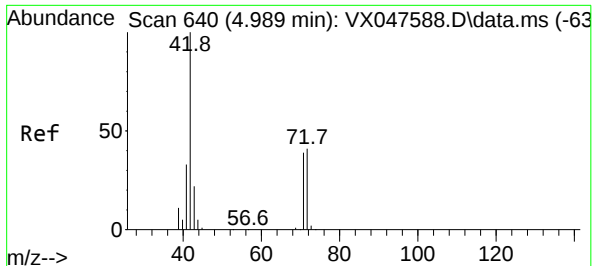
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 72.5 57.8 86.8





#29

Tetrahydrofuran

Concen: 294.905 ug/l

RT: 4.995 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

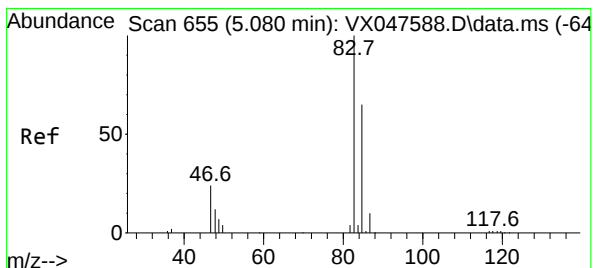
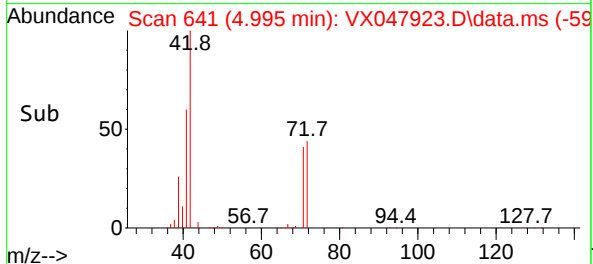
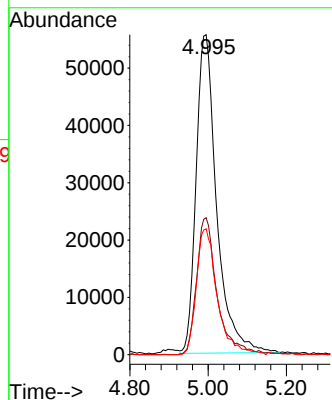
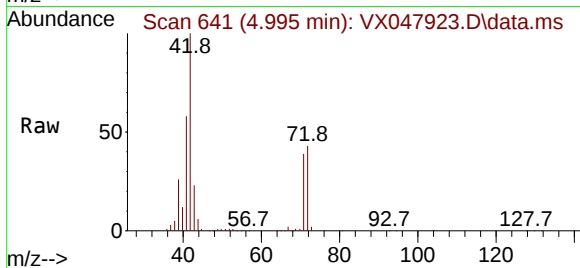
Tgt Ion: 42 Resp: 202985

Ion Ratio Lower Upper

42 100

72 42.6 34.2 51.2

71 40.0 31.9 47.9



#30

Chloroform

Concen: 56.689 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047923.D

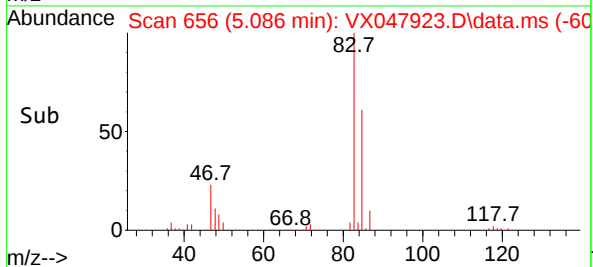
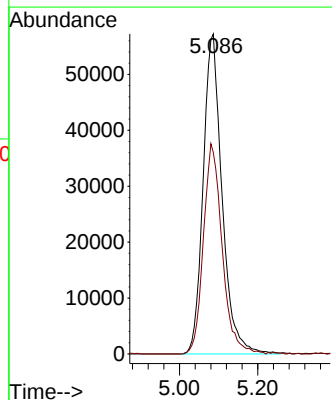
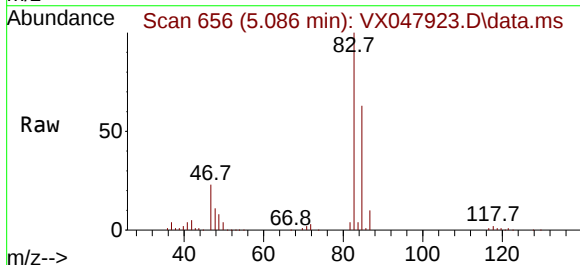
Acq: 30 Sep 2025 19:30

Tgt Ion: 83 Resp: 191739

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6



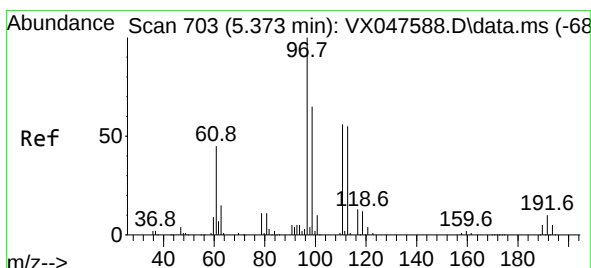
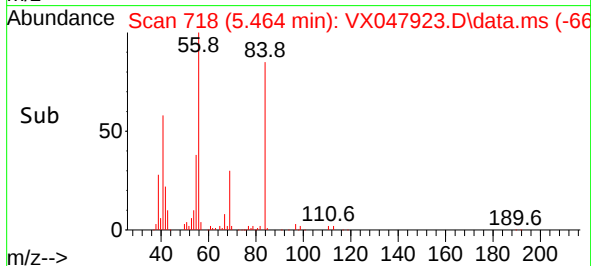
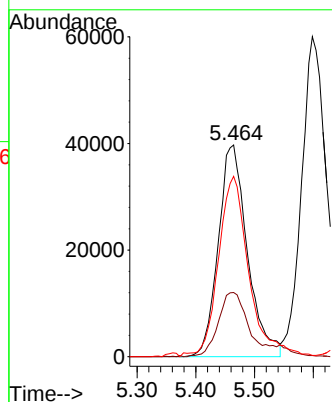
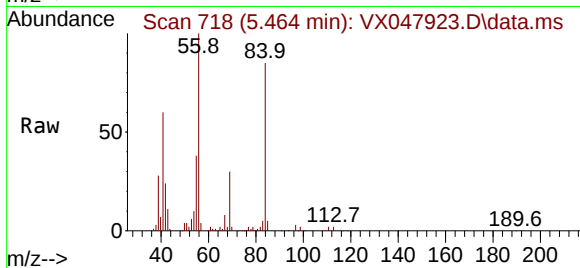


#31
Cyclohexane
Concen: 49.011 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 136628

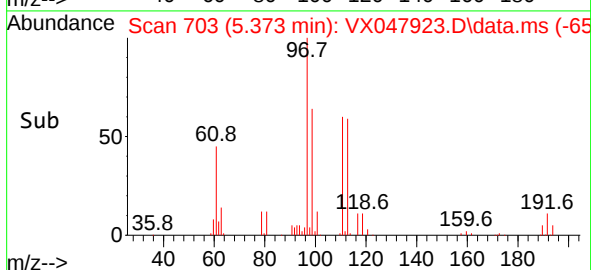
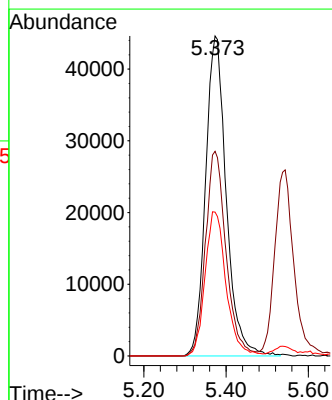
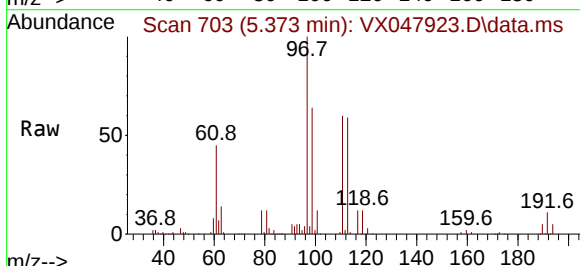
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	85.0	64.6	97.0



#32
1,1,1-Trichloroethane
Concen: 54.189 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 97 Resp: 155464

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	46.0	35.8	53.8

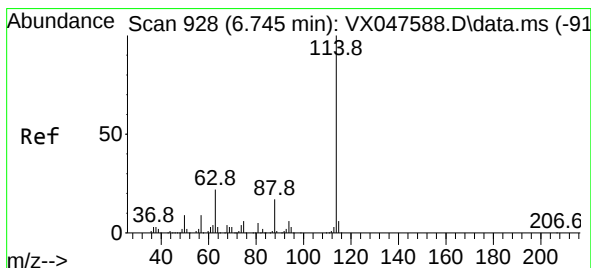
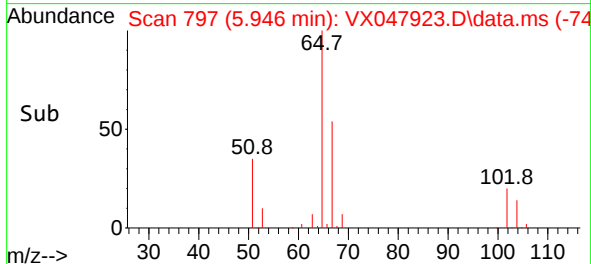
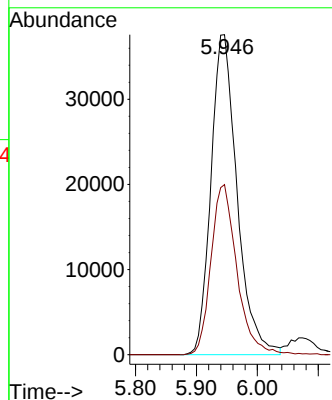
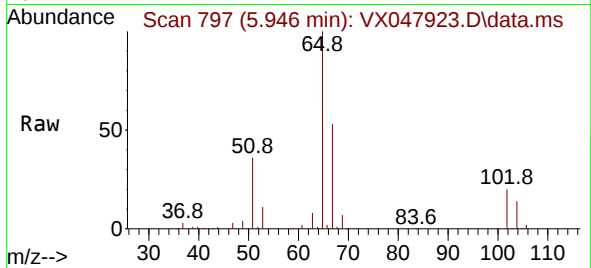




#33
 1,2-Dichloroethane-d4
 Concen: 53.045 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

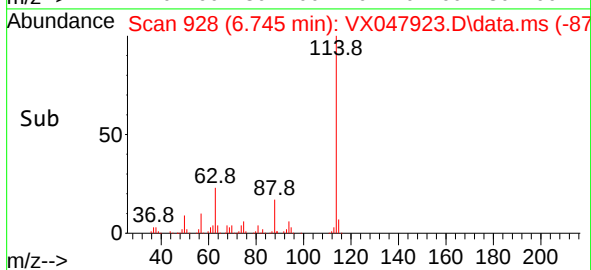
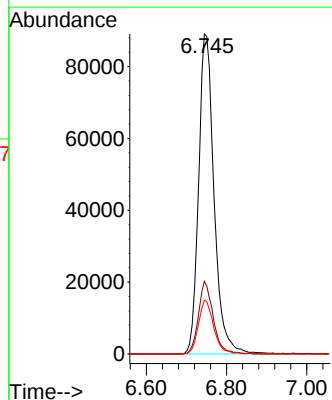
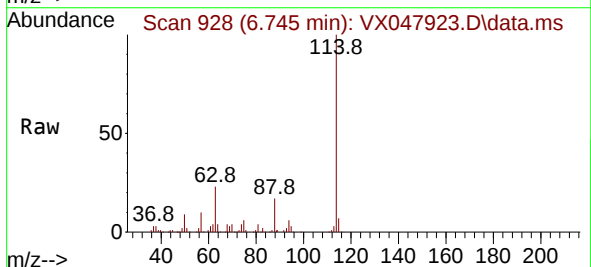
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

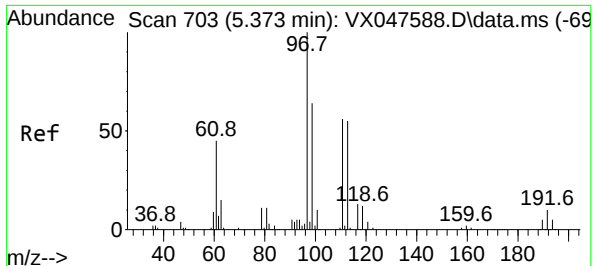
Tgt Ion: 65 Resp: 111905
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

Tgt Ion: 114 Resp: 238365
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 54.153 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

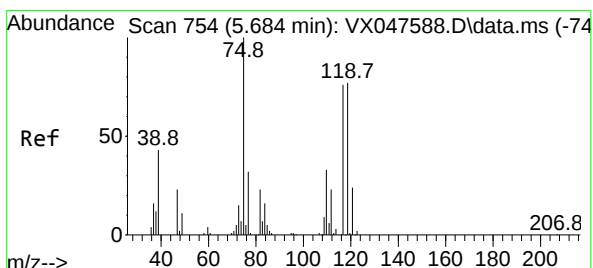
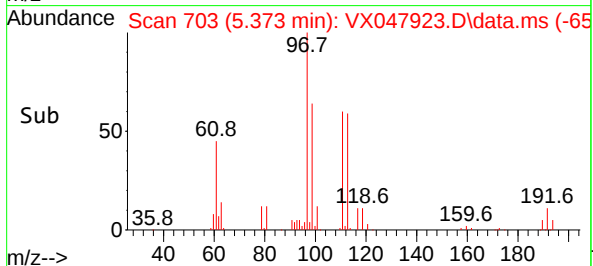
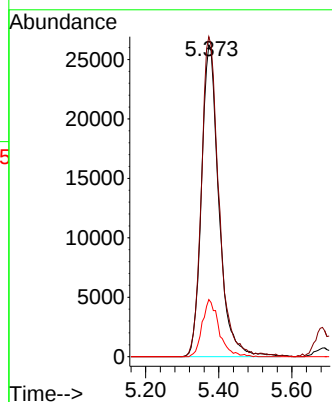
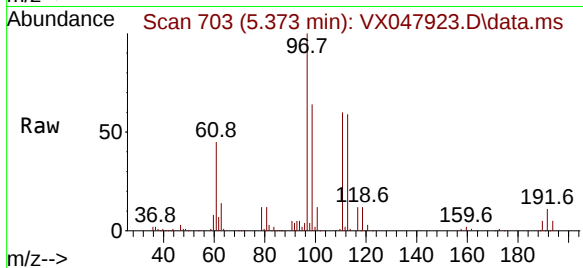
Tgt Ion:113 Resp: 86570

Ion Ratio Lower Upper

113 100

111 102.8 80.9 121.3

192 17.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 49.637 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

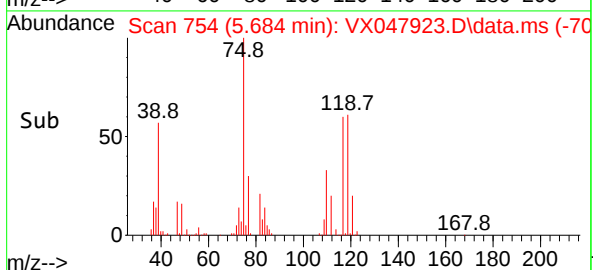
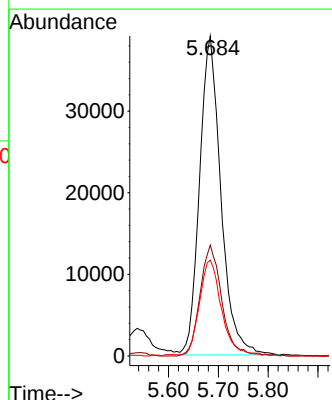
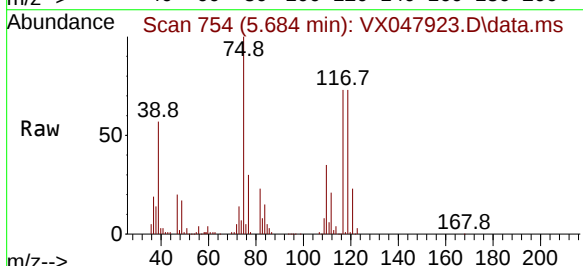
Tgt Ion: 75 Resp: 115949

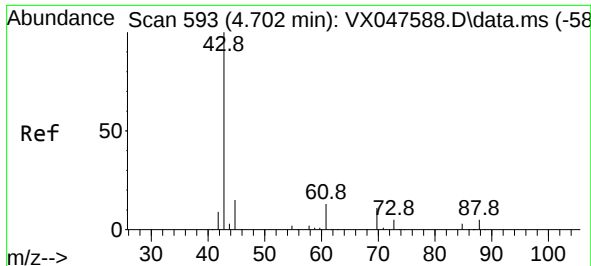
Ion Ratio Lower Upper

75 100

110 35.7 16.7 50.1

77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 54.746 ug/l

RT: 4.696 min Scan# 591

Delta R.T. -0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

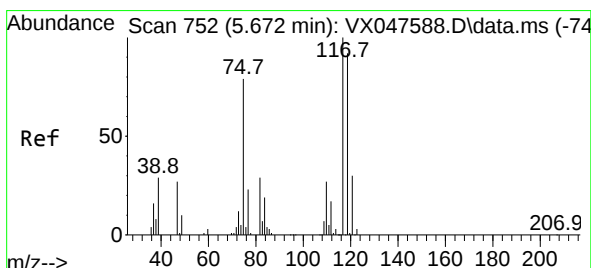
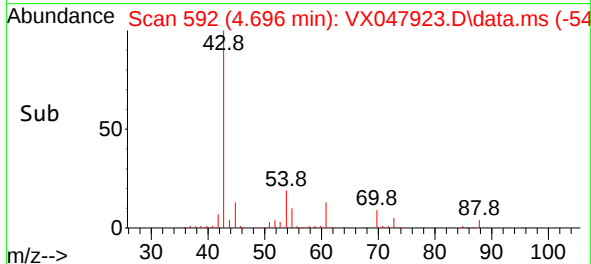
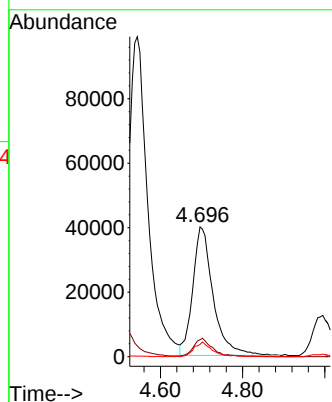
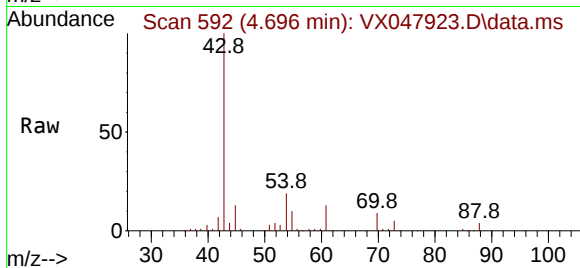
Tgt Ion: 43 Resp: 136927

Ion Ratio Lower Upper

43 100

61 12.4 9.8 14.8

70 10.1 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.785 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

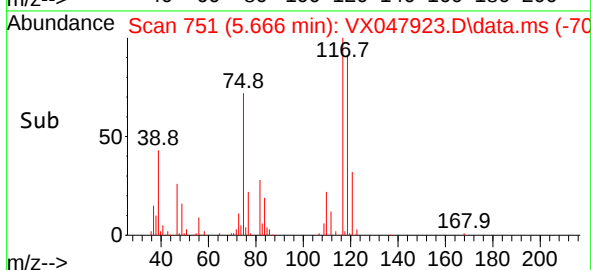
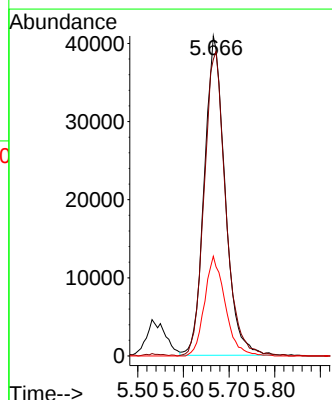
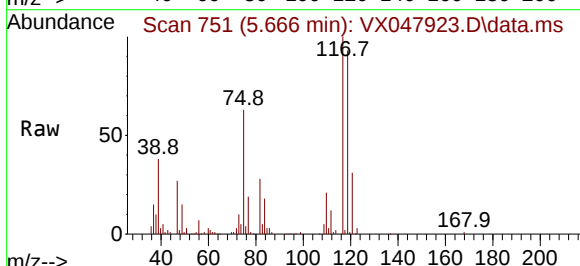
Tgt Ion: 117 Resp: 128895

Ion Ratio Lower Upper

117 100

119 92.7 73.4 110.2

121 31.2 23.8 35.6





#39

Methylcyclohexane

Concen: 47.806 ug/l

RT: 7.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

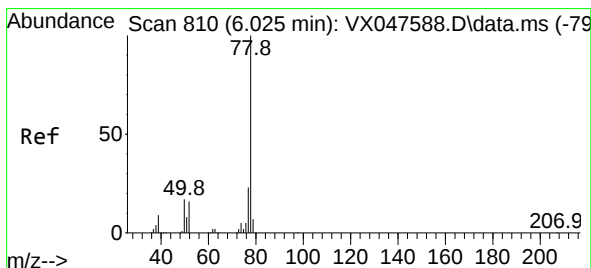
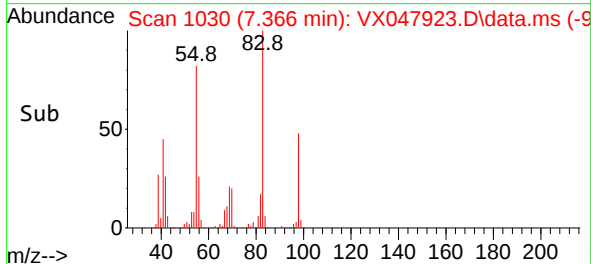
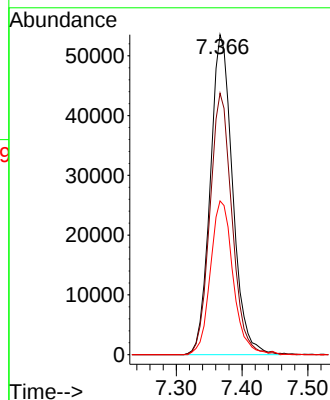
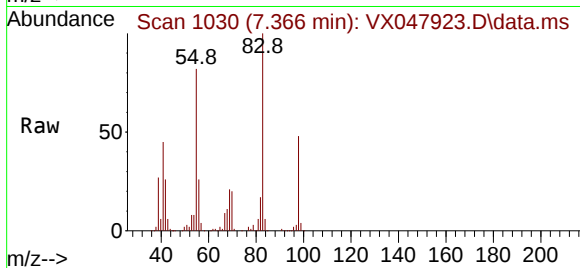
Tgt Ion: 83 Resp: 126763

Ion Ratio Lower Upper

83 100

55 81.7 66.4 99.6

98 48.0 38.1 57.1



#40

Benzene

Concen: 54.213 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX047923.D

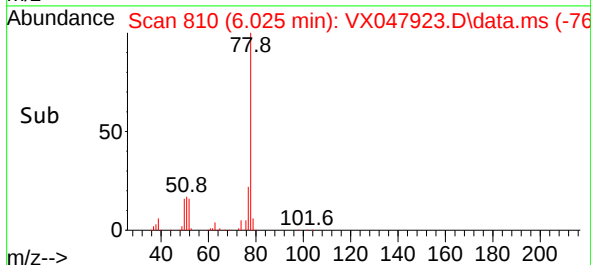
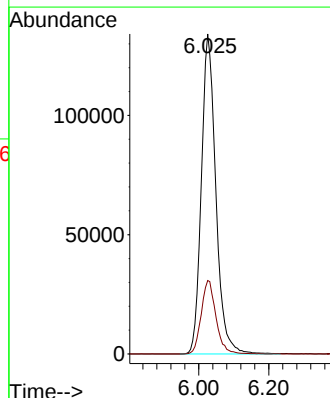
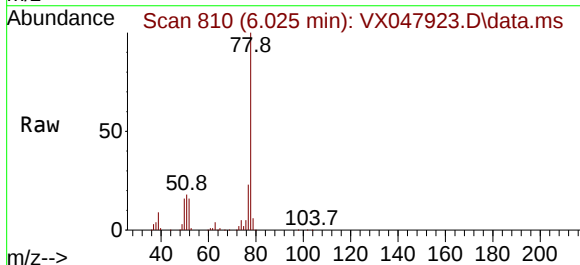
Acq: 30 Sep 2025 19:30

Tgt Ion: 78 Resp: 384636

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2

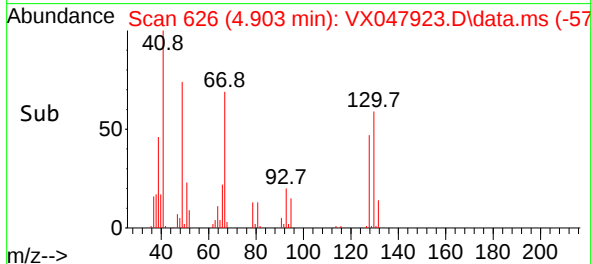
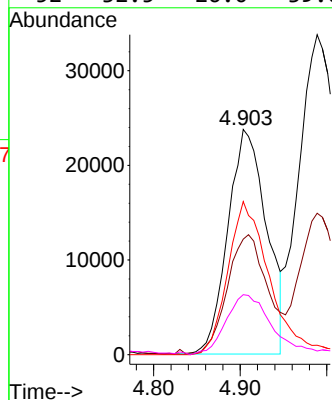
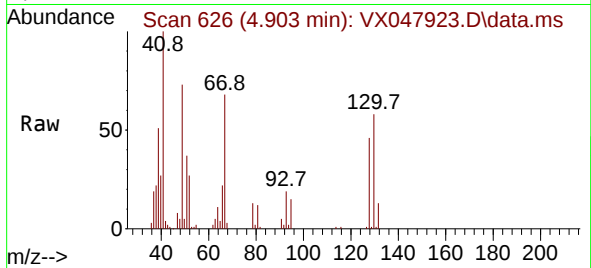




#41
Methacrylonitrile
Concen: 57.078 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

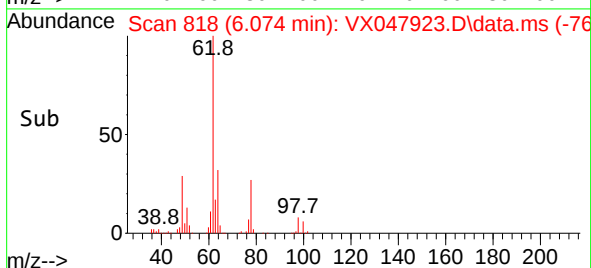
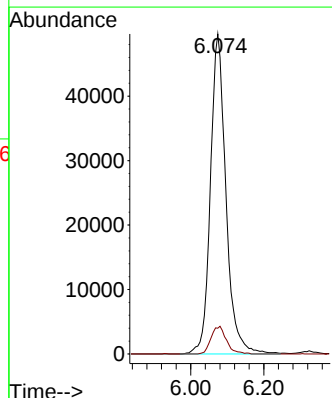
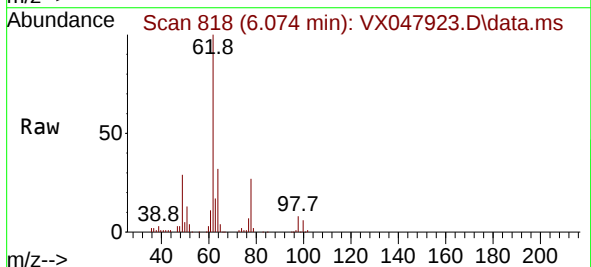
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 73700
Ion Ratio Lower Upper
41 100
39 55.3 43.3 64.9
67 74.9 58.6 87.8
52 32.5 26.0 39.0



#42
1,2-Dichloroethane
Concen: 54.079 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 62 Resp: 145986
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.0

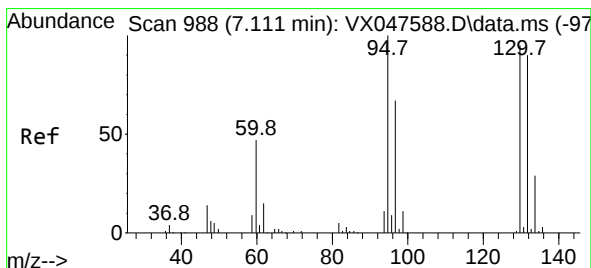
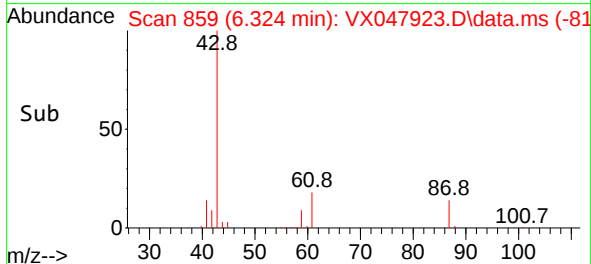
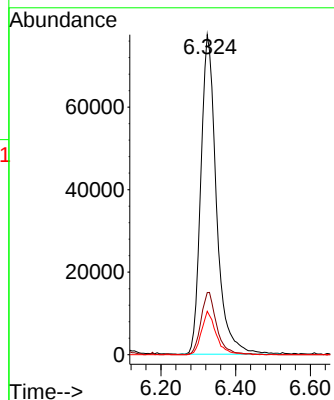
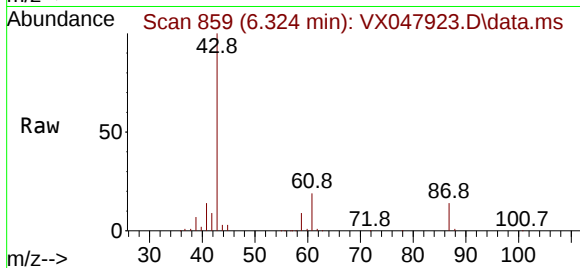




#43
Isopropyl Acetate
Concen: 54.708 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

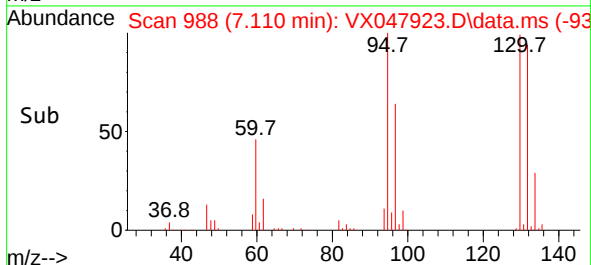
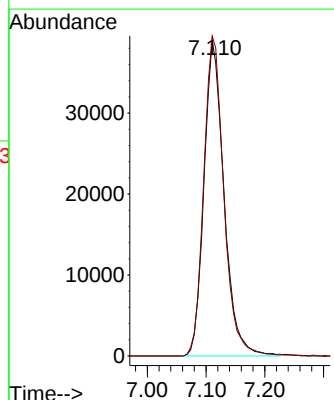
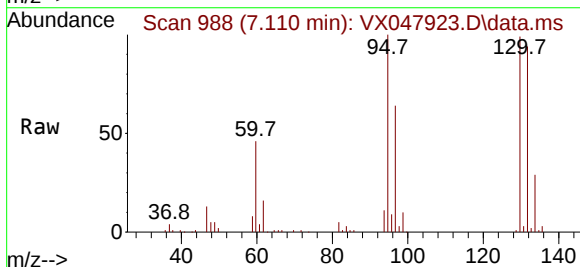
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

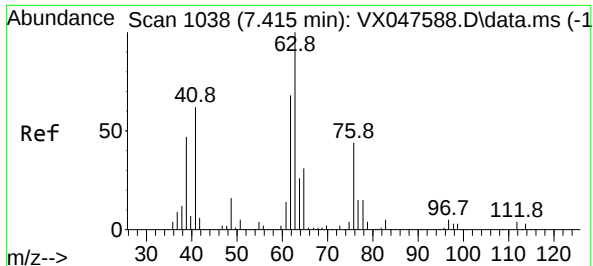
Tgt Ion: 43 Resp: 224413
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 53.847 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion:130 Resp: 92363
Ion Ratio Lower Upper
130 100
95 101.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 56.471 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

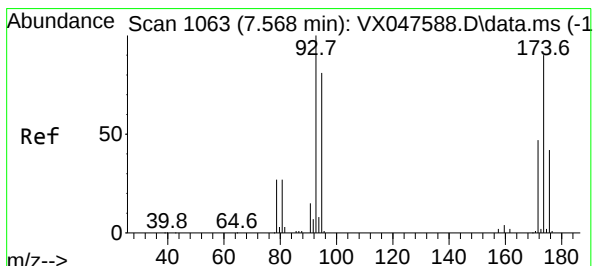
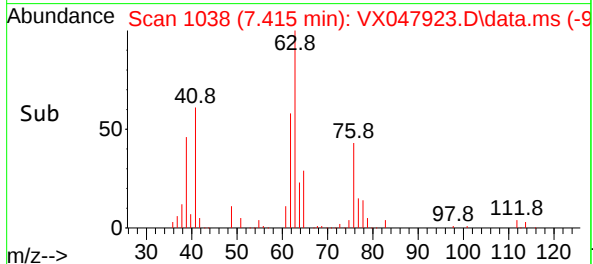
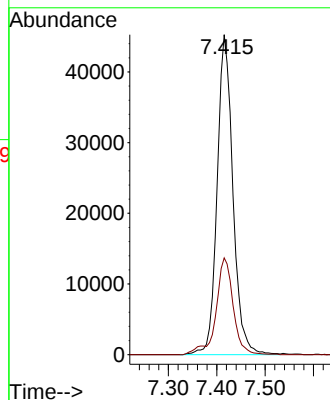
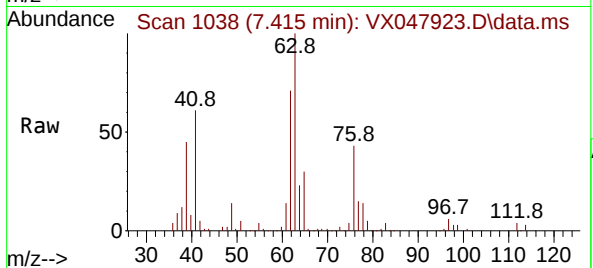
VSTDCCC050EC

Tgt Ion: 63 Resp: 102592

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 55.099 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

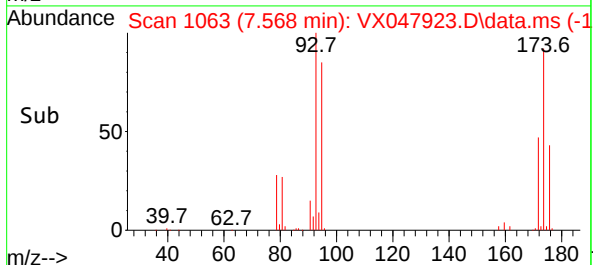
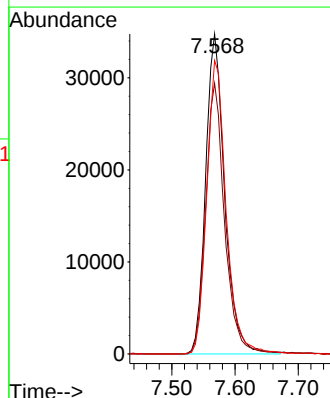
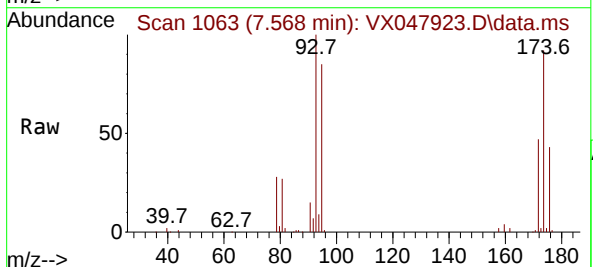
Tgt Ion: 93 Resp: 72842

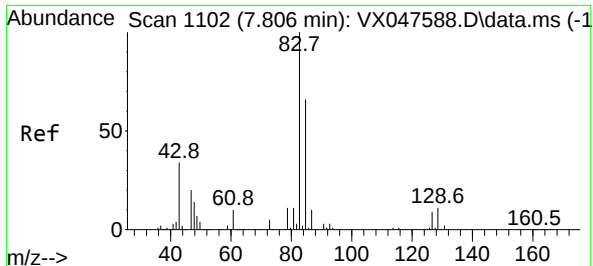
Ion Ratio Lower Upper

93 100

95 84.3 65.0 97.6

174 93.5 71.6 107.4

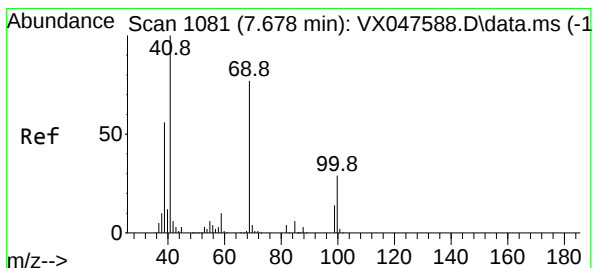
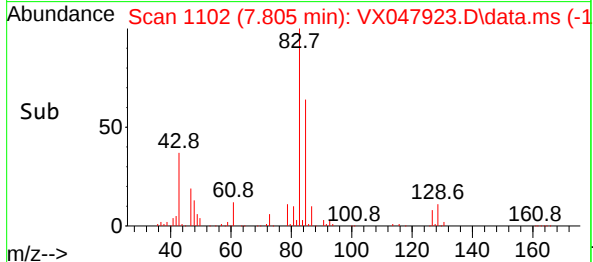
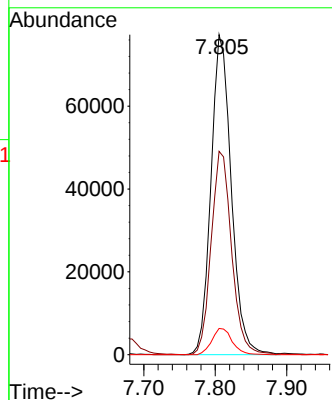
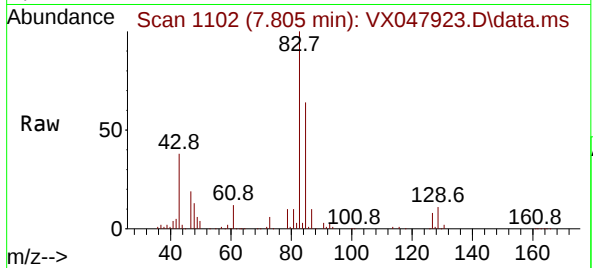




#47
Bromodichloromethane
Concen: 55.883 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

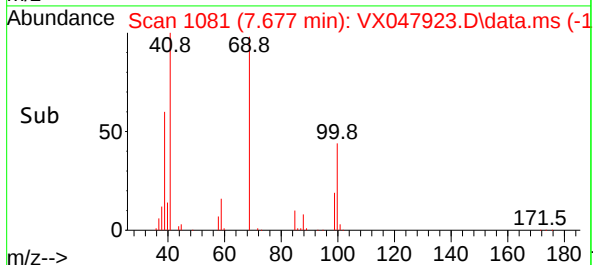
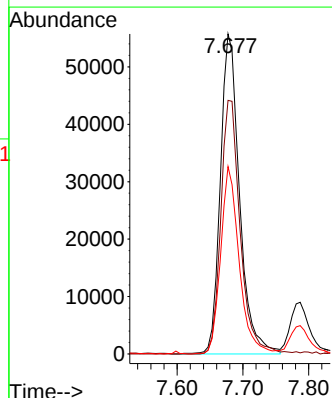
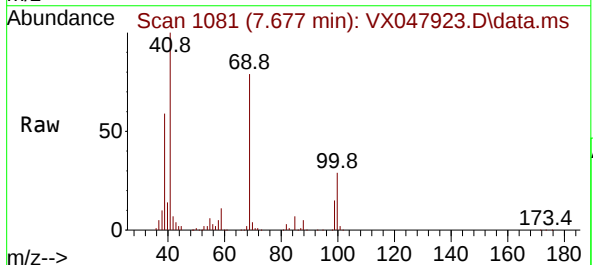
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

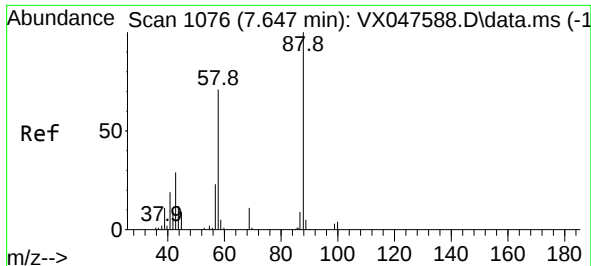
Tgt Ion: 83 Resp: 152453
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 55.472 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 41 Resp: 113343
Ion Ratio Lower Upper
41 100
69 80.0 61.4 92.2
39 56.3 45.8 68.6





#49

1,4-Dioxane

Concen: 1305.423 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

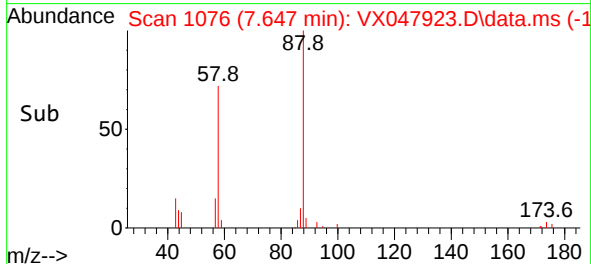
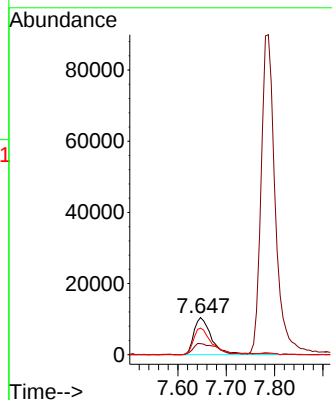
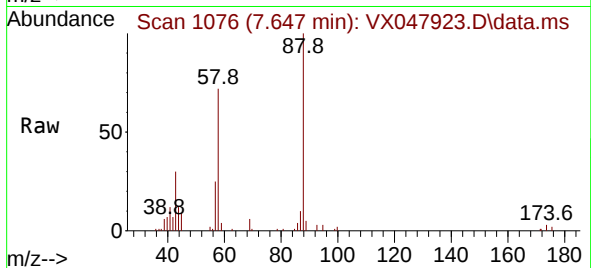
Tgt Ion: 88 Resp: 26956

Ion Ratio Lower Upper

88 100

43 38.9 30.2 45.2

58 71.8 59.5 89.3



#50

Toluene-d8

Concen: 53.040 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047923.D

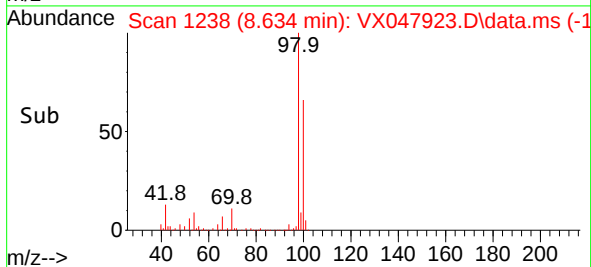
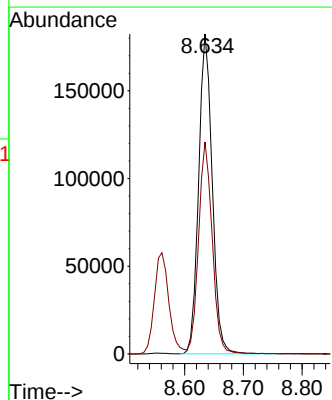
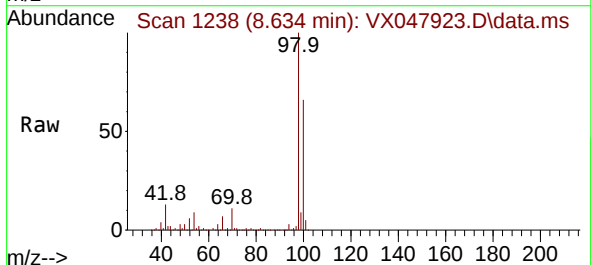
Acq: 30 Sep 2025 19:30

Tgt Ion: 98 Resp: 293390

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

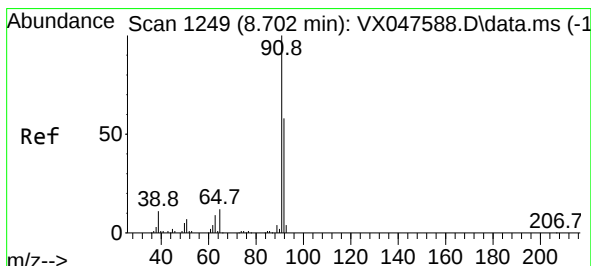
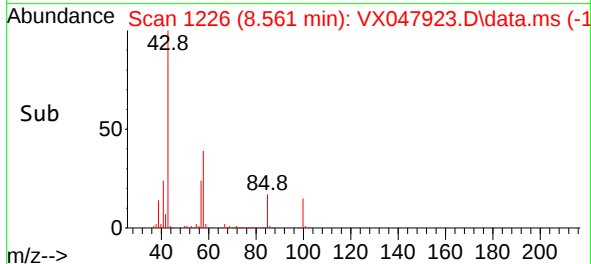
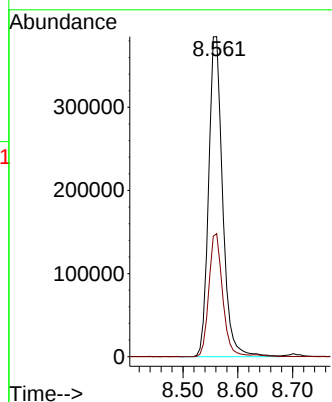
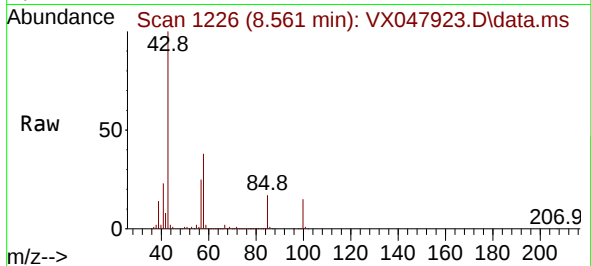




#51
4-Methyl-2-Pentanone
Concen: 298.935 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

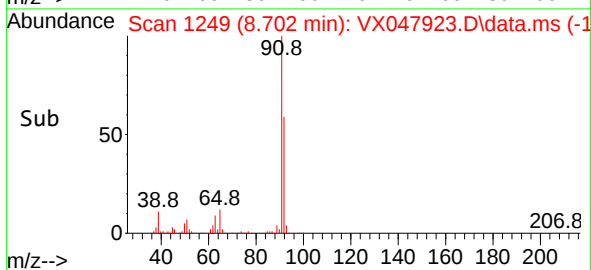
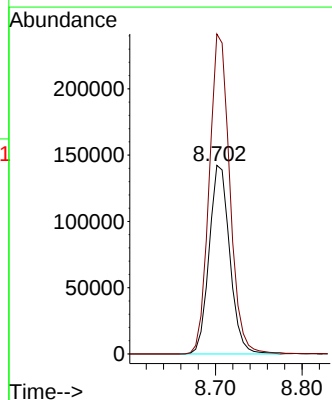
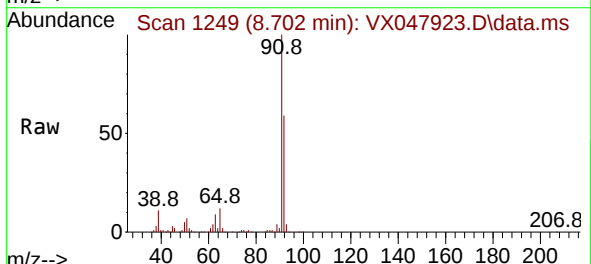
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 679876
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5



#52
Toluene
Concen: 53.729 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 92 Resp: 234858
Ion Ratio Lower Upper
92 100
91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.010 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

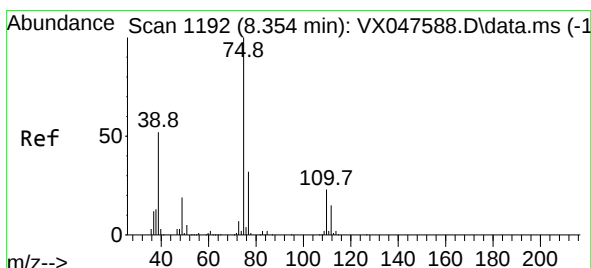
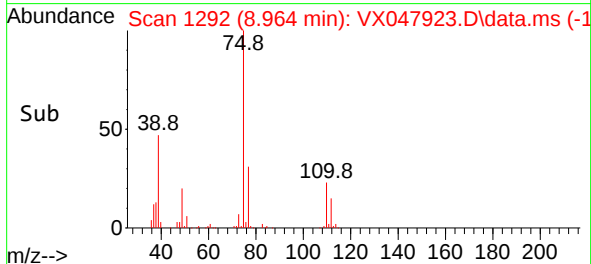
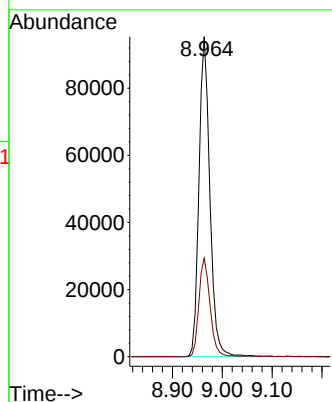
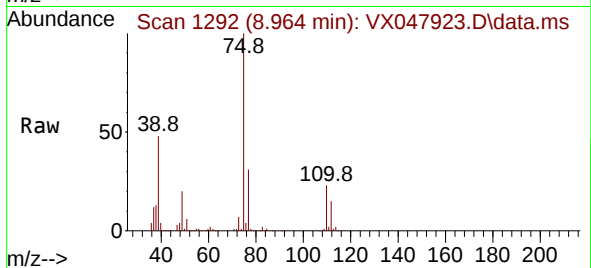
VSTDCCC050EC

Tgt Ion: 75 Resp: 144726

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.943 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

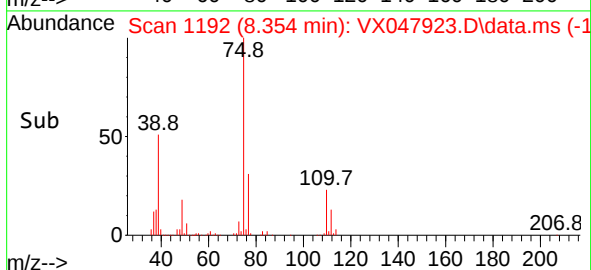
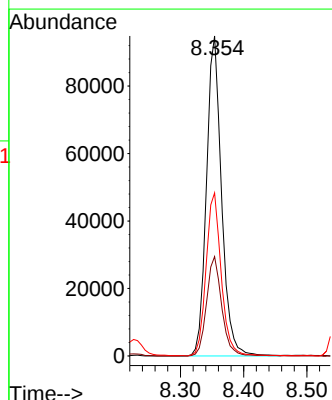
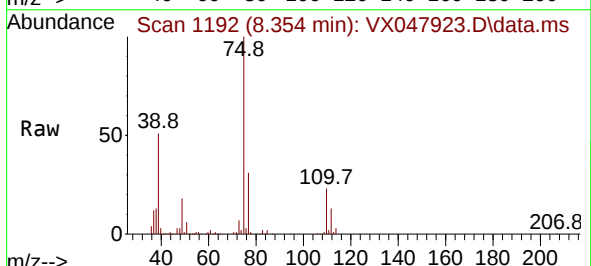
Tgt Ion: 75 Resp: 157465

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

39 50.8 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 56.947 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 95983

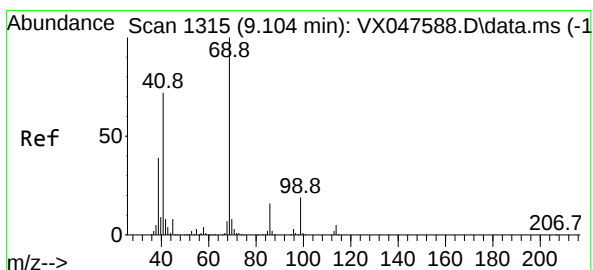
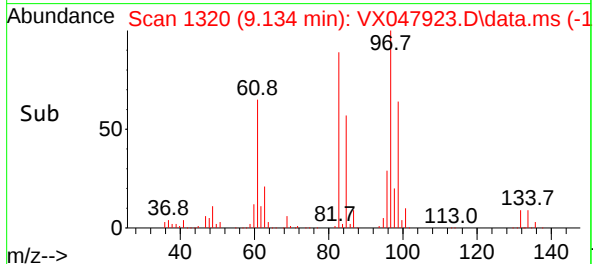
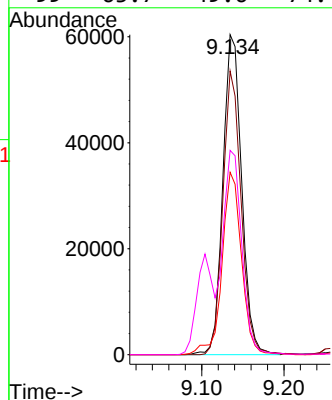
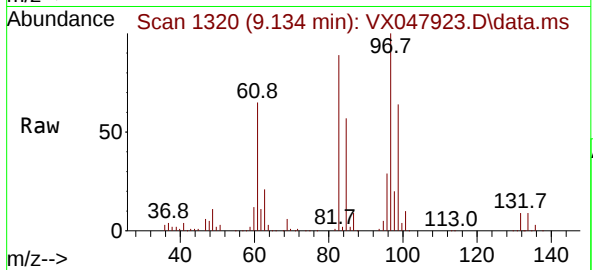
Ion Ratio Lower Upper

97 100

83 88.7 69.6 104.4

85 57.0 45.0 67.6

99 63.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 56.599 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

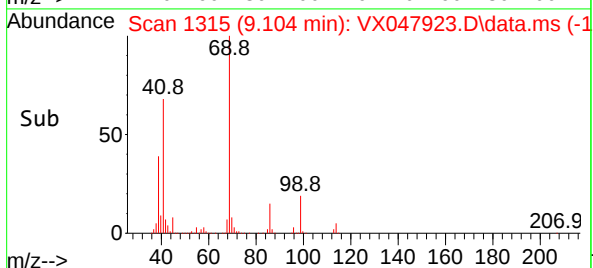
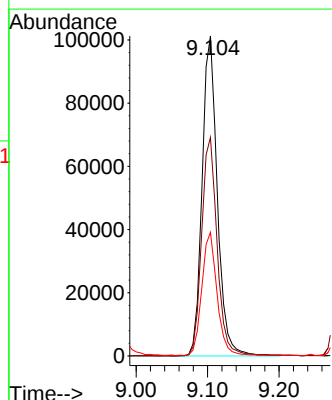
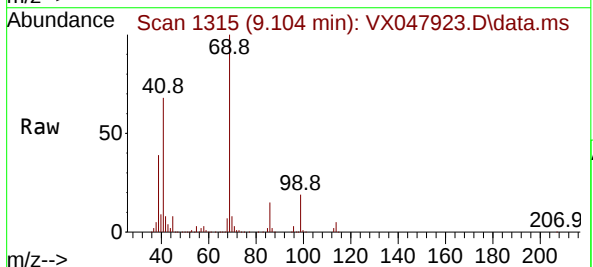
Tgt Ion: 69 Resp: 149817

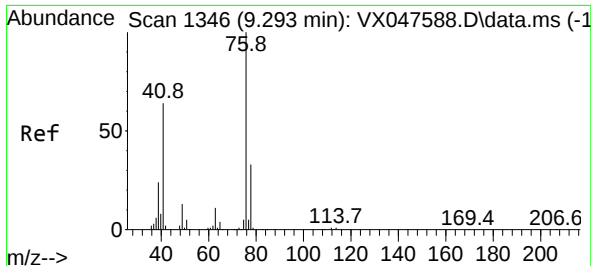
Ion Ratio Lower Upper

69 100

41 69.7 58.6 87.8

39 38.5 31.5 47.3

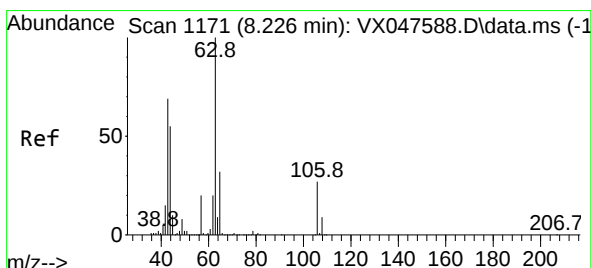
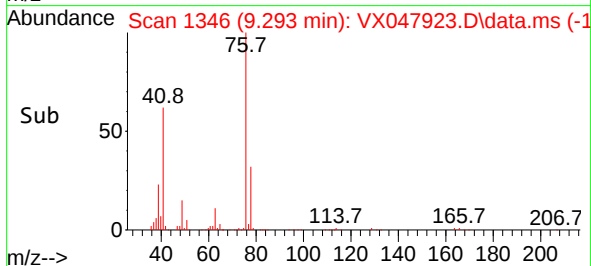
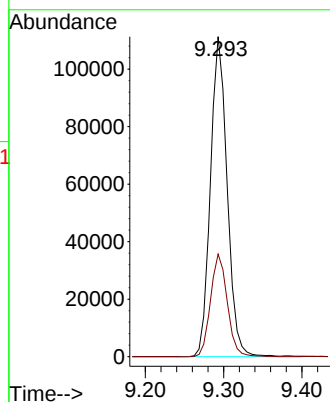
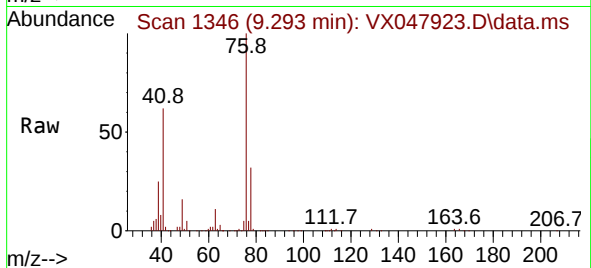




#57
1,3-Dichloropropane
Concen: 56.837 ug/l
RT: 9.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

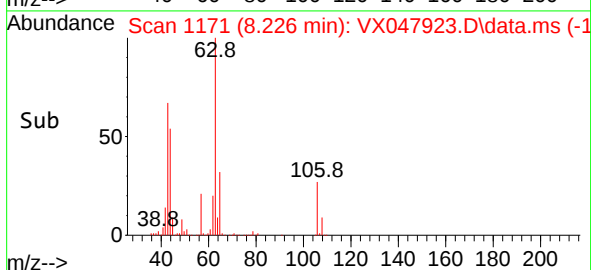
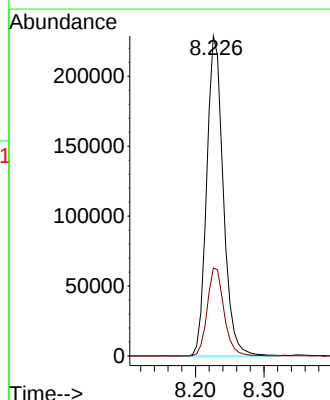
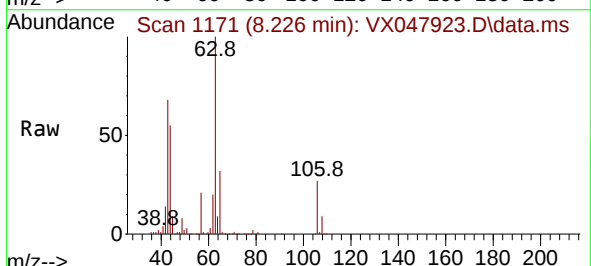
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

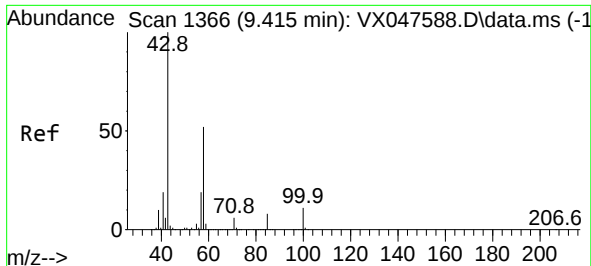
Tgt Ion: 76 Resp: 164563
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 300.103 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 63 Resp: 384496
Ion Ratio Lower Upper
63 100
106 27.9 21.9 32.9

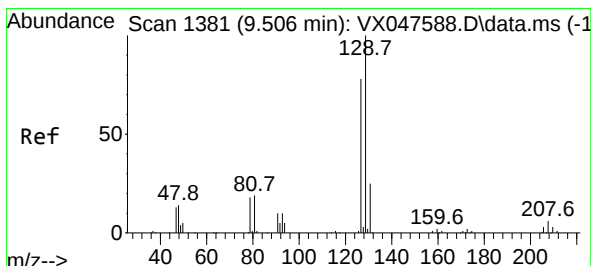
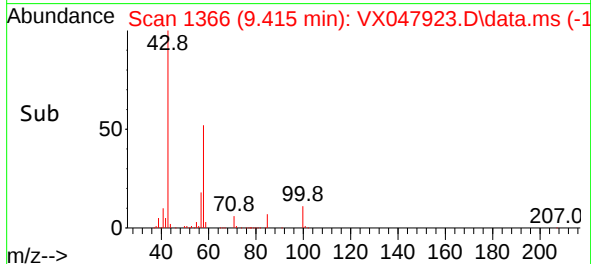
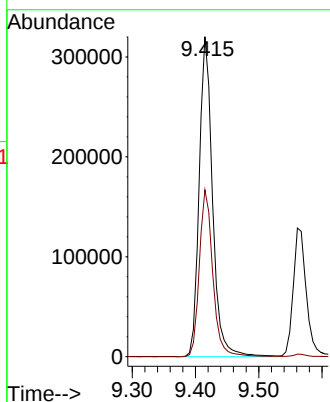
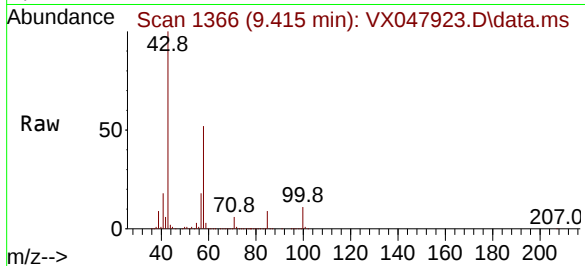




#59
2-Hexanone
Concen: 287.896 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

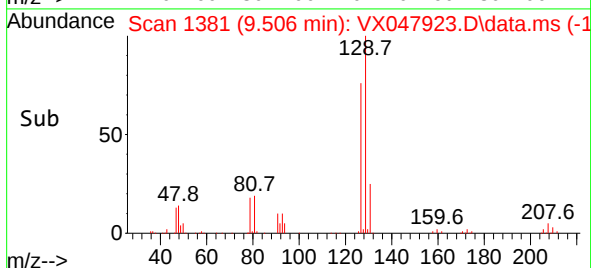
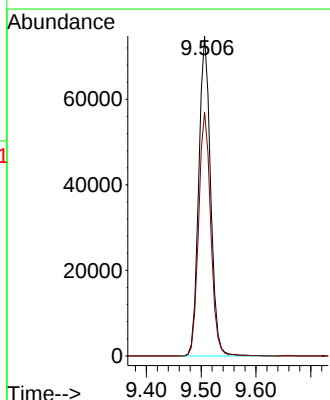
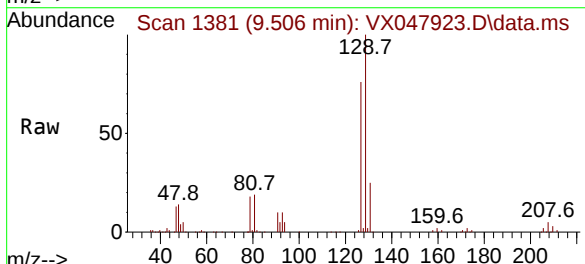
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

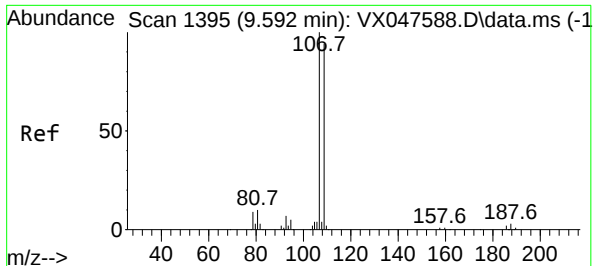
Tgt Ion: 43 Resp: 470259
Ion Ratio Lower Upper
43 100
58 52.8 26.1 78.2



#60
Dibromochloromethane
Concen: 57.958 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 129 Resp: 112557
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

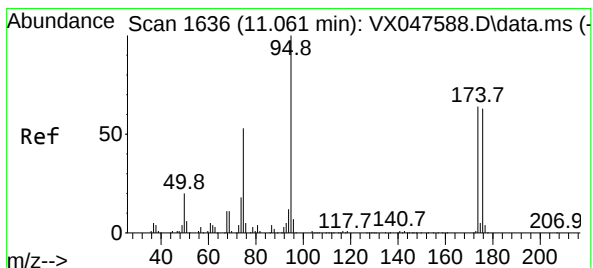
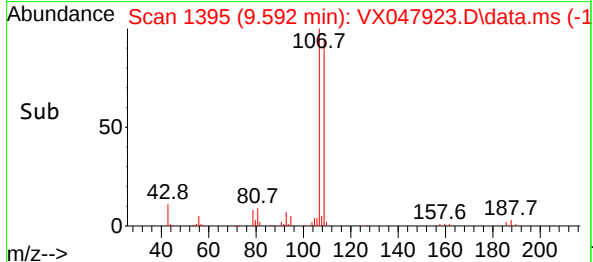
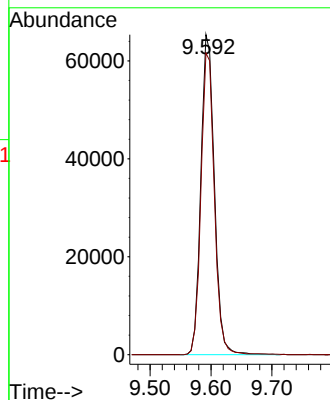
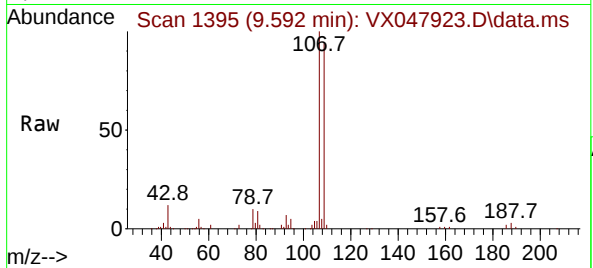




#61
1,2-Dibromoethane
Concen: 58.588 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

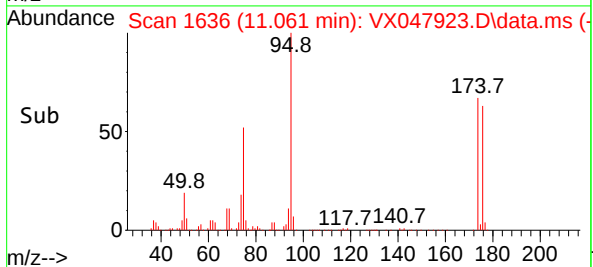
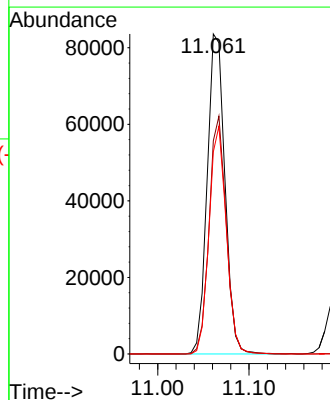
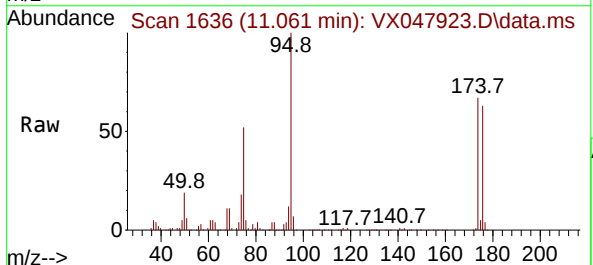
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 100581
Ion Ratio Lower Upper
107 100
109 93.6 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 53.472 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 95 Resp: 112253
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 69.3 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: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

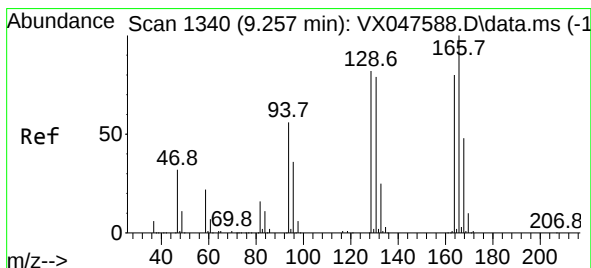
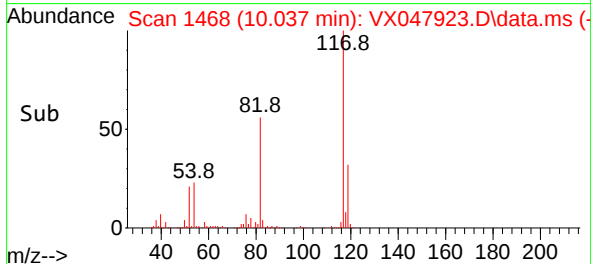
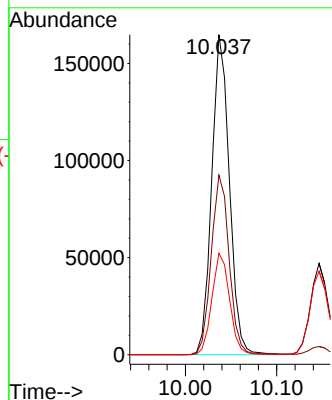
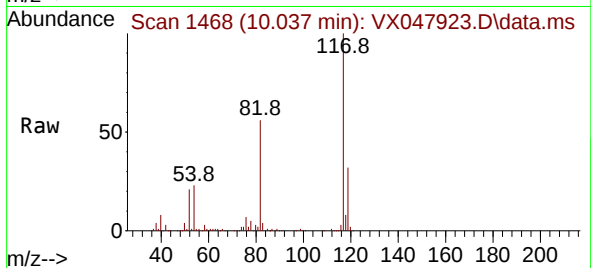
Tgt Ion:117 Resp: 220521

Ion Ratio Lower Upper

117 100

82 56.1 47.8 71.6

119 31.7 25.2 37.8



#64

Tetrachloroethene

Concen: 50.812 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Tgt Ion:164 Resp: 73046

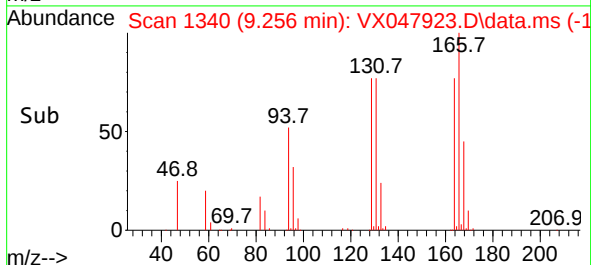
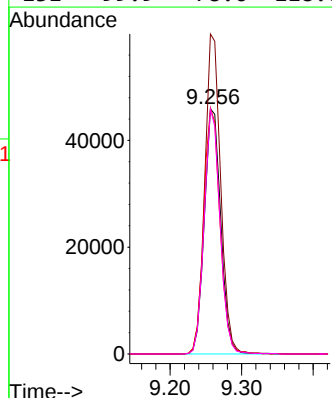
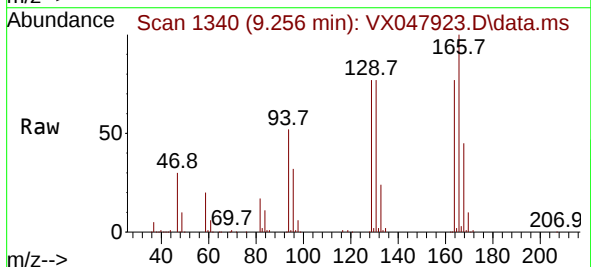
Ion Ratio Lower Upper

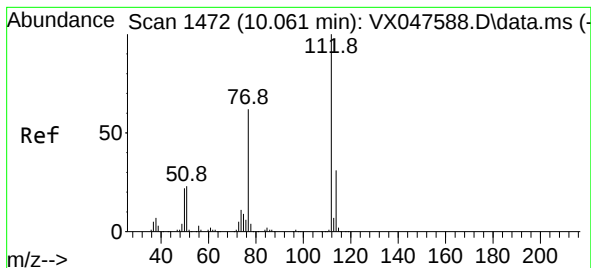
164 100

166 130.5 100.2 150.2

129 100.4 81.8 122.6

131 99.9 78.6 118.0

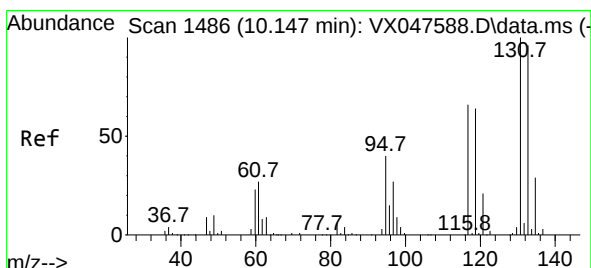
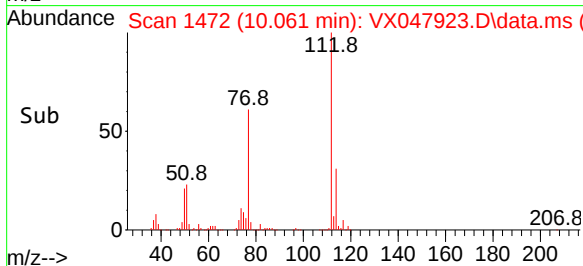
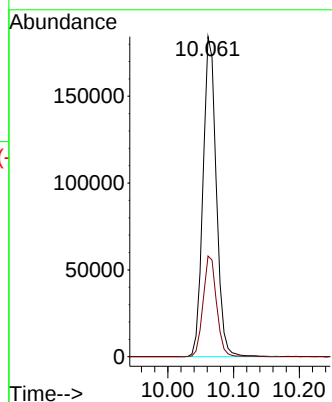
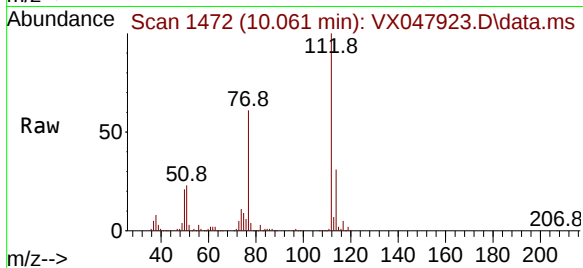




#65
Chlorobenzene
Concen: 51.854 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

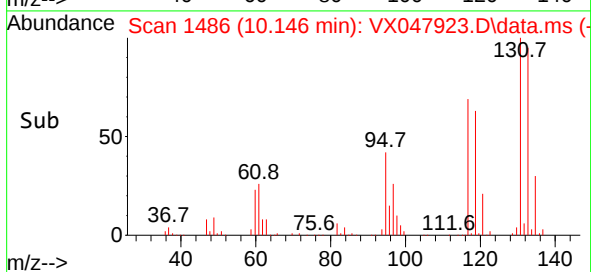
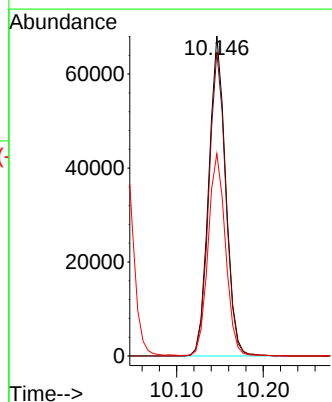
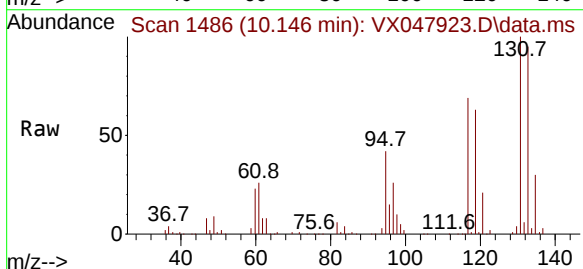
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

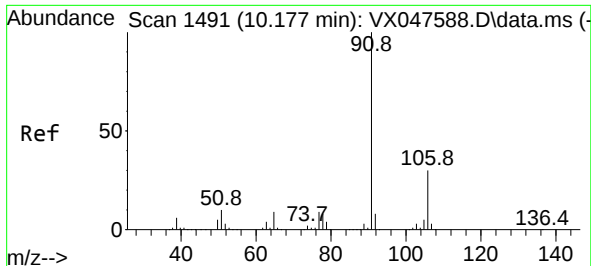
Tgt Ion:112 Resp: 259779
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.476 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion:131 Resp: 92447
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 65.1 32.0 96.0

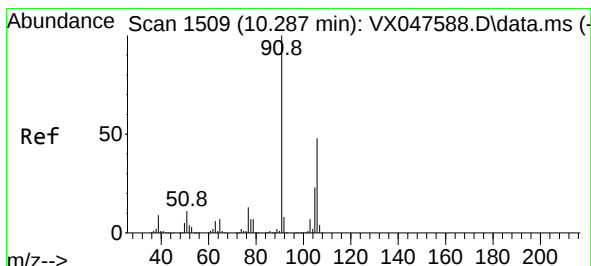
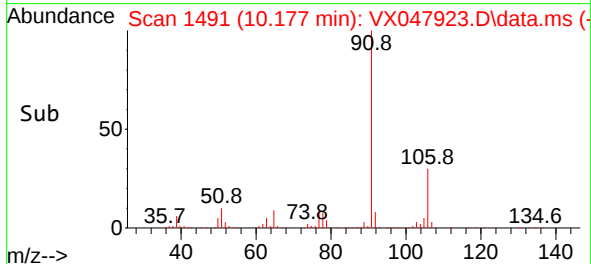
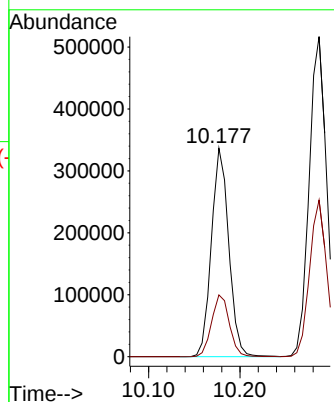
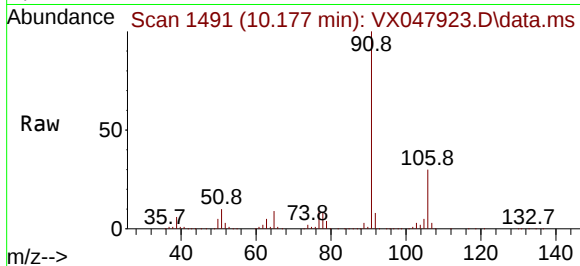




#67
Ethyl Benzene
Concen: 51.390 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

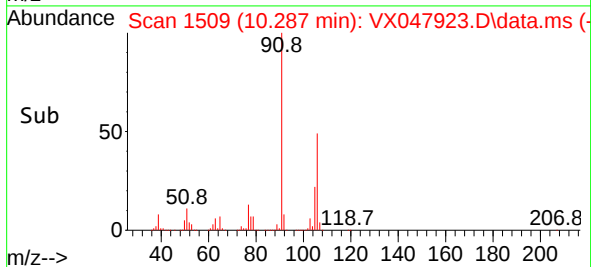
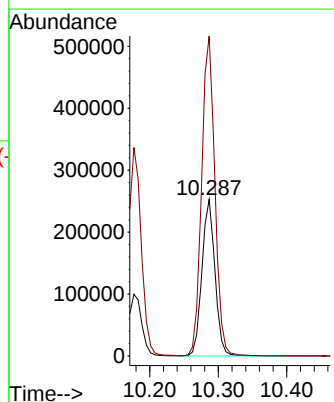
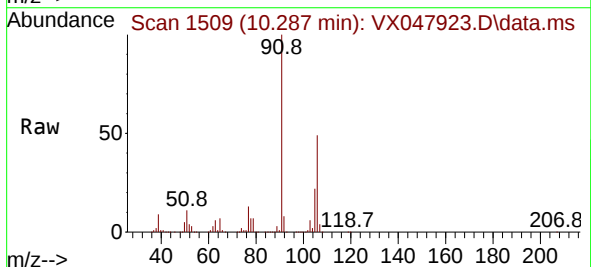
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

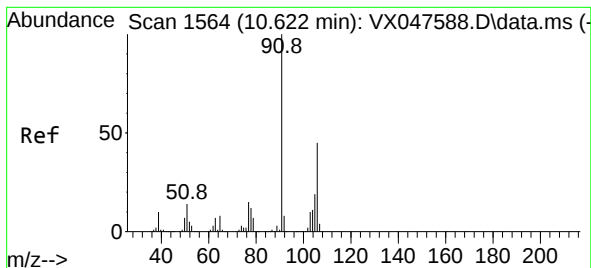
Tgt Ion: 91 Resp: 444221
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 104.119 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion:106 Resp: 334993
Ion Ratio Lower Upper
106 100
91 208.1 167.8 251.8





#69

o-Xylene

Concen: 52.032 ug/l

RT: 10.628 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

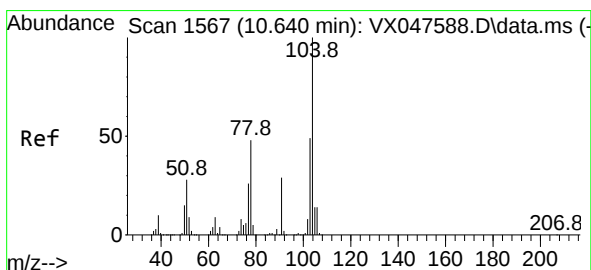
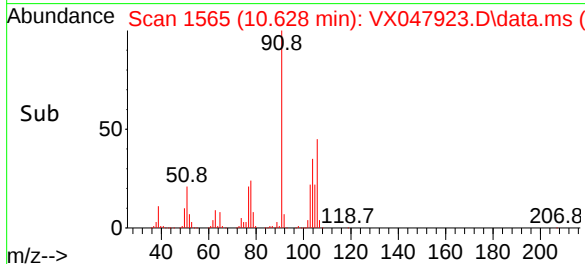
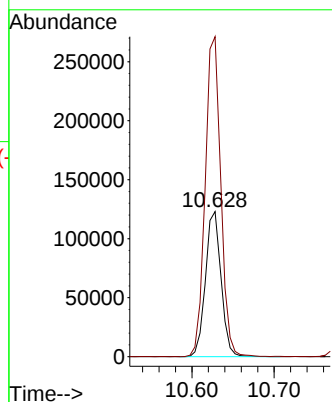
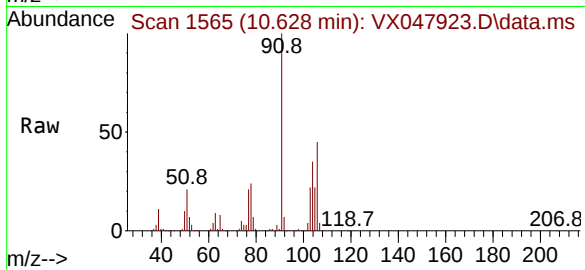
VSTDCCC050EC

Tgt Ion:106 Resp: 161921

Ion Ratio Lower Upper

106 100

91 220.6 111.1 333.4



#70

Styrene

Concen: 53.035 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

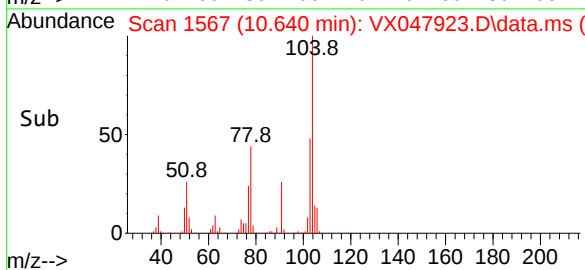
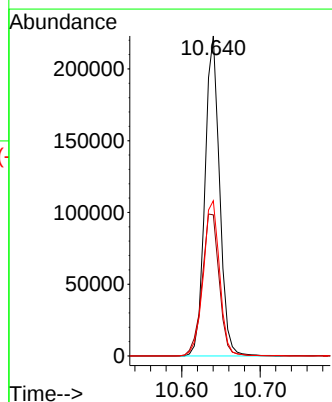
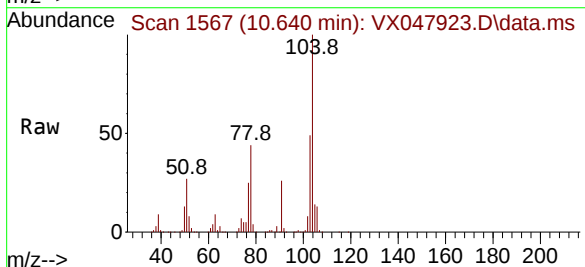
Tgt Ion:104 Resp: 289190

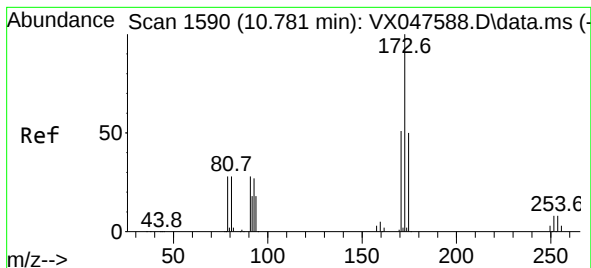
Ion Ratio Lower Upper

104 100

78 51.8 43.1 64.7

103 54.1 43.1 64.7





#71

Bromoform

Concen: 57.212 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

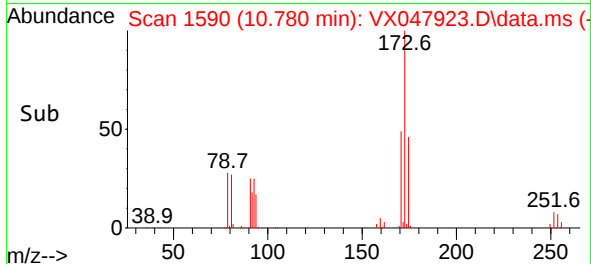
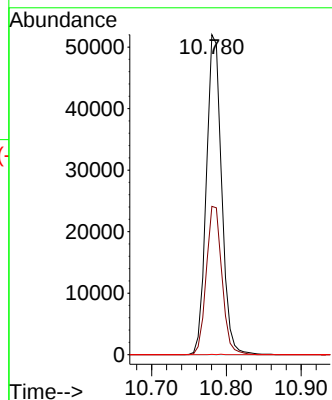
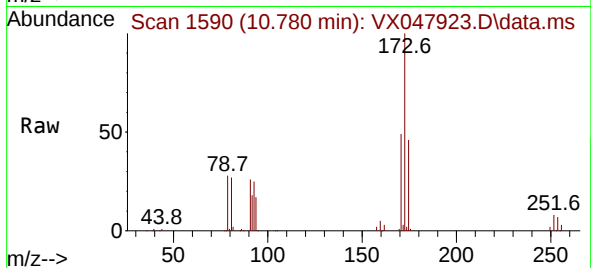
Tgt Ion:173 Resp: 73852

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

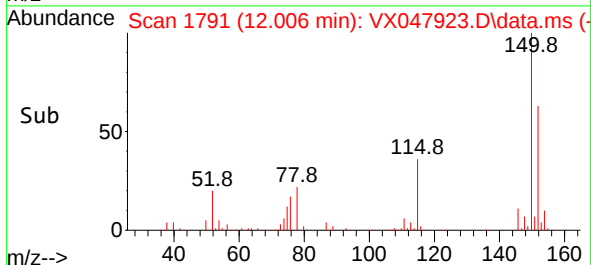
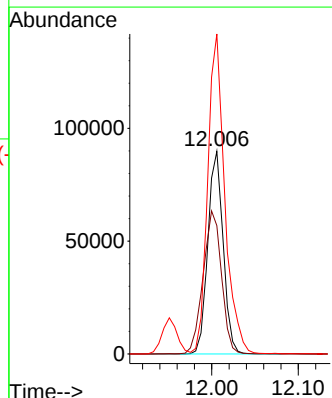
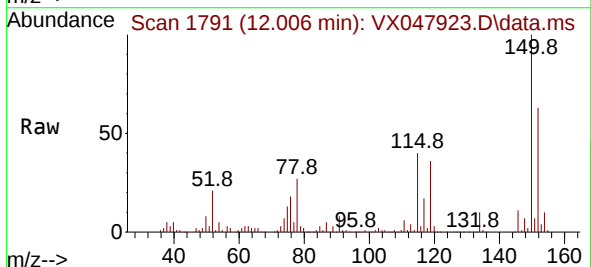
Tgt Ion:152 Resp: 110310

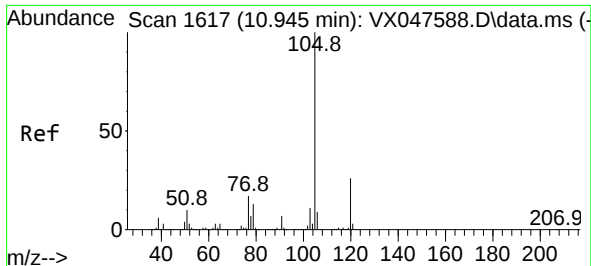
Ion Ratio Lower Upper

152 100

115 85.0 44.9 134.5

150 176.2 0.0 352.0

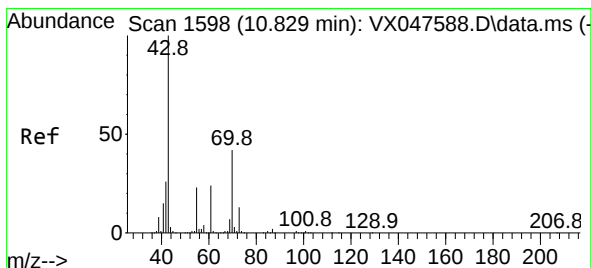
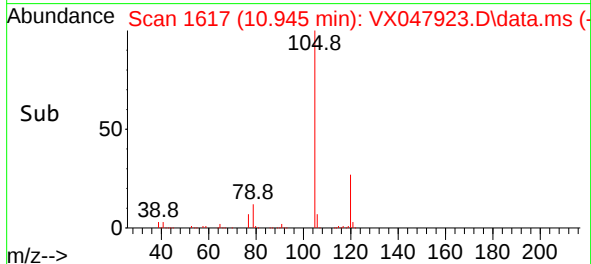
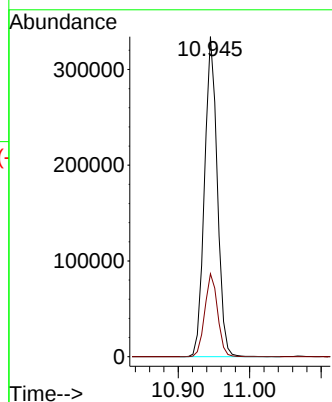
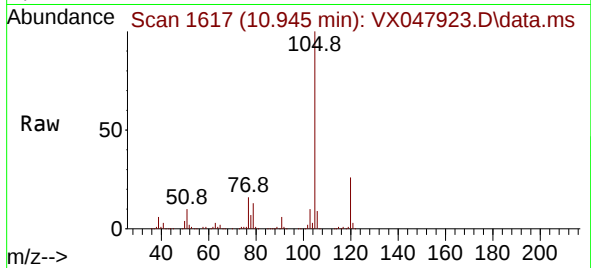




#73
Isopropylbenzene
Concen: 49.469 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

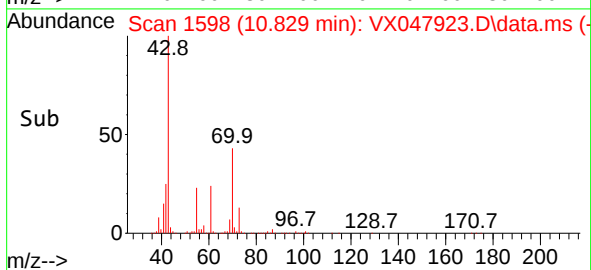
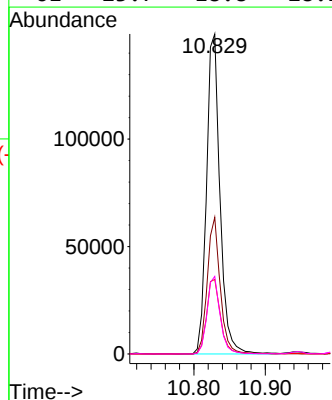
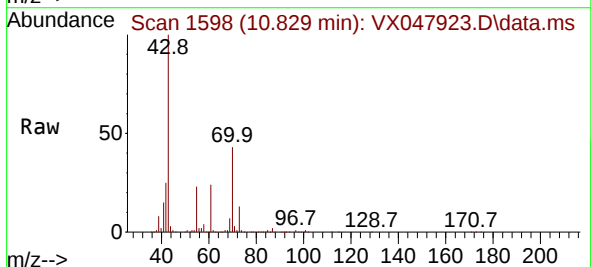
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

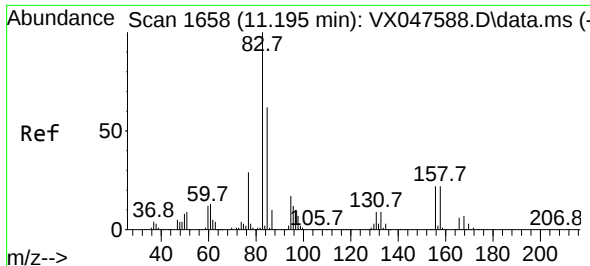
Tgt Ion:105 Resp: 414872
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 50.866 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 43 Resp: 194530
Ion Ratio Lower Upper
43 100
70 41.2 32.0 48.0
55 24.2 18.9 28.3
61 23.7 18.8 28.2

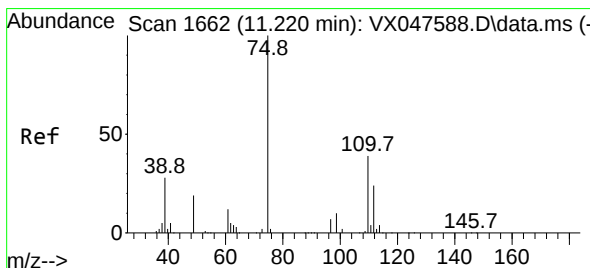
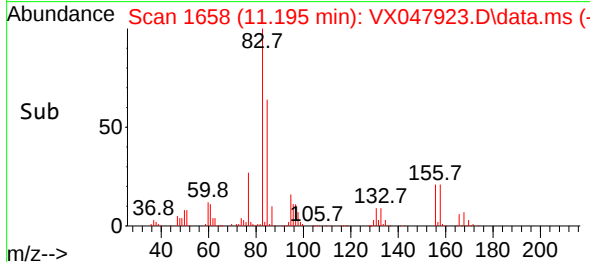
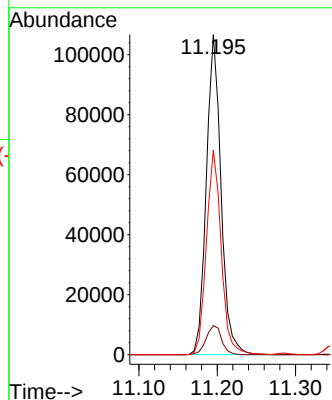
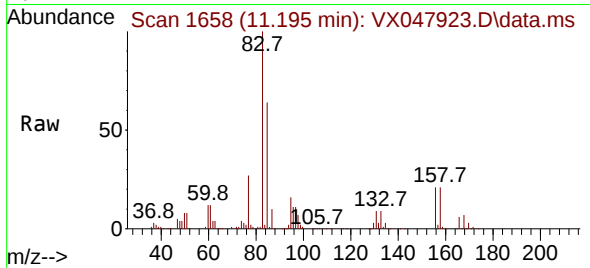




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.611 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

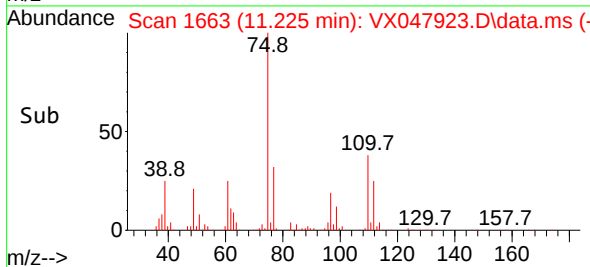
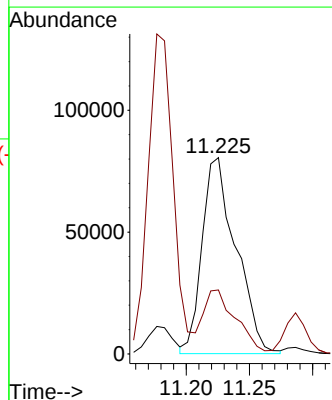
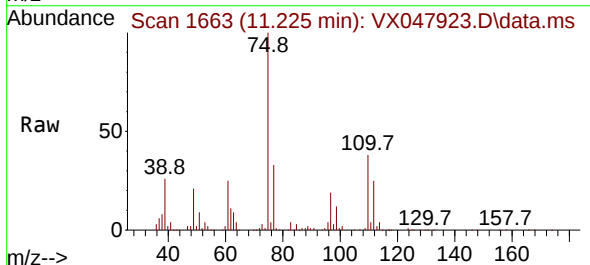
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

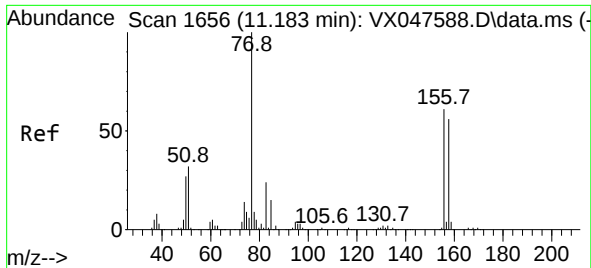
Tgt Ion: 83 Resp: 138566
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 14.9
 85 64.3 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 67.047 ug/l
 RT: 11.225 min Scan# 1663
 Delta R.T. 0.006 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

Tgt Ion: 75 Resp: 149744
 Ion Ratio Lower Upper
 75 100
 77 30.7 18.8 56.4

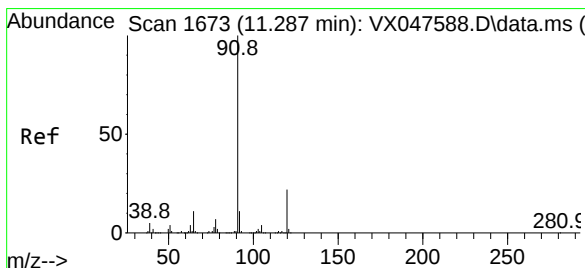
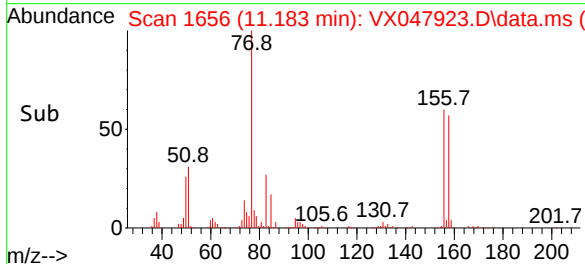
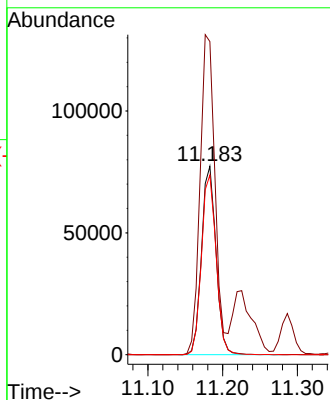
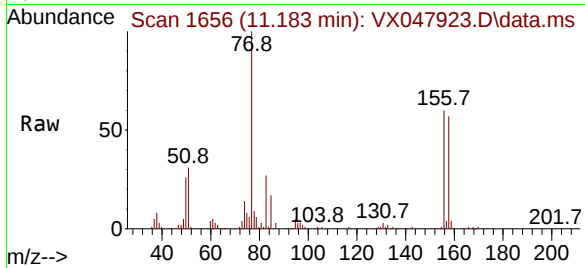




#77
Bromobenzene
Concen: 50.251 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

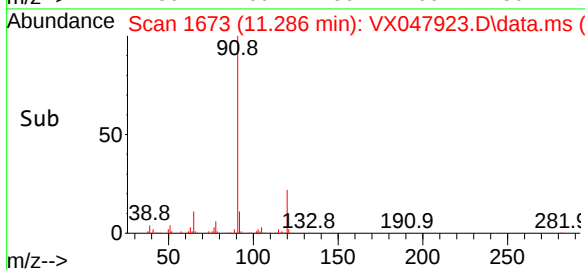
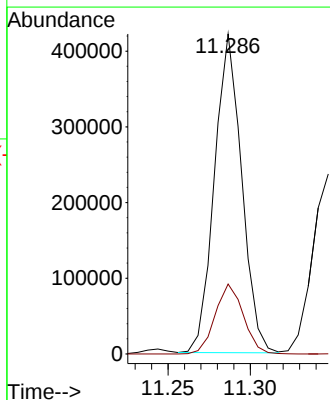
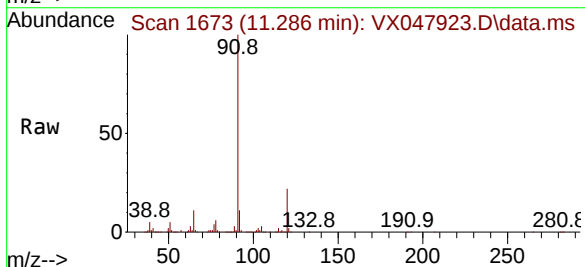
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 103795
Ion Ratio Lower Upper
156 100
77 176.0 89.7 269.1
158 96.7 47.9 143.6



#78
n-propylbenzene
Concen: 49.015 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 91 Resp: 485929
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1

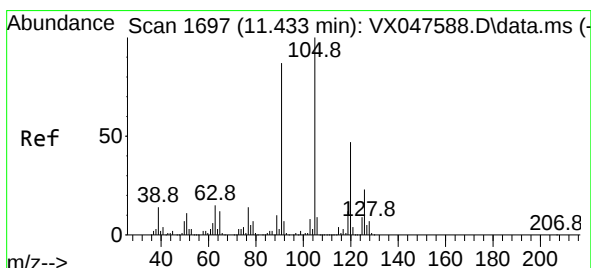
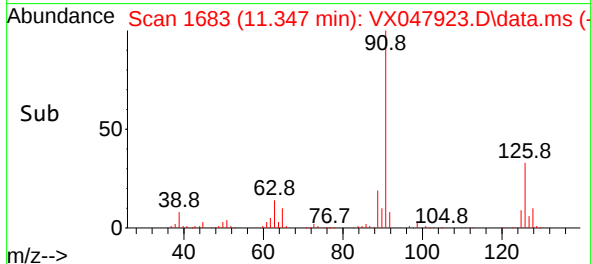
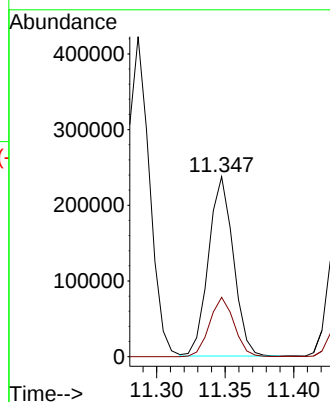
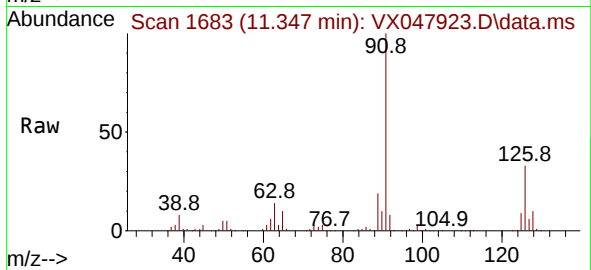




#79
2-Chlorotoluene
Concen: 49.224 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

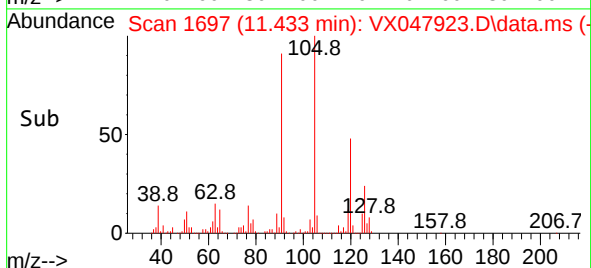
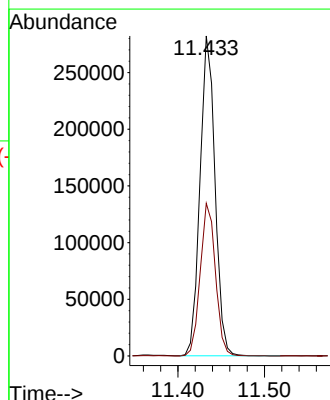
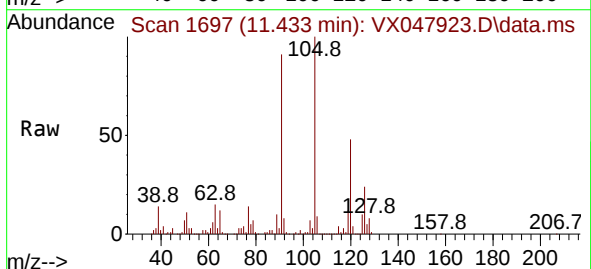
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

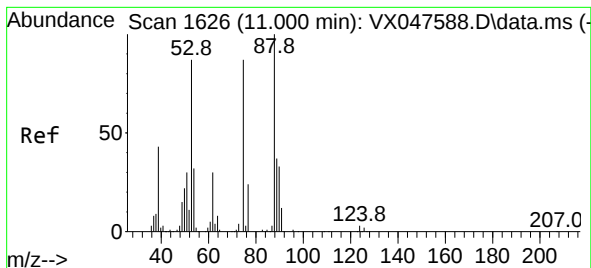
Tgt Ion: 91 Resp: 298892
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 49.255 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 105 Resp: 339378
Ion Ratio Lower Upper
105 100
120 48.5 23.6 70.8

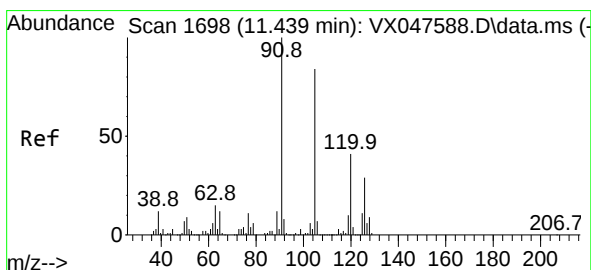
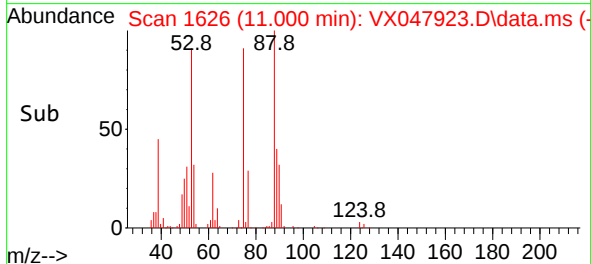
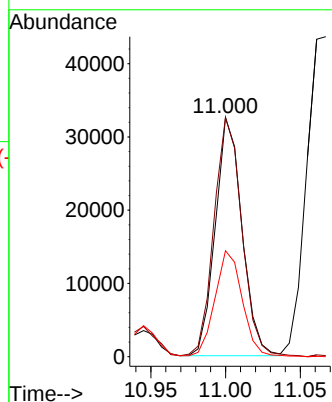
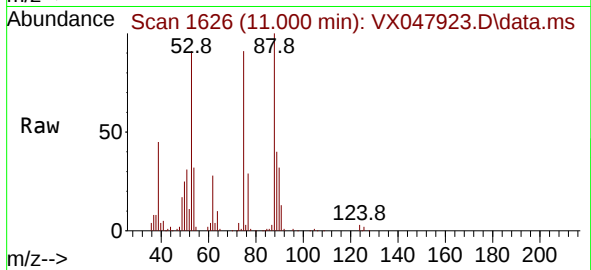




#81
trans-1,4-Dichloro-2-butene
Concen: 46.075 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

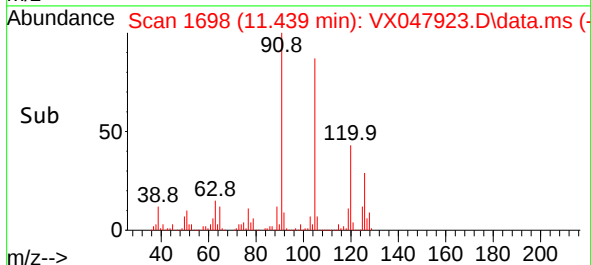
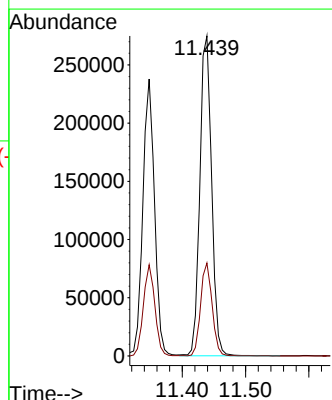
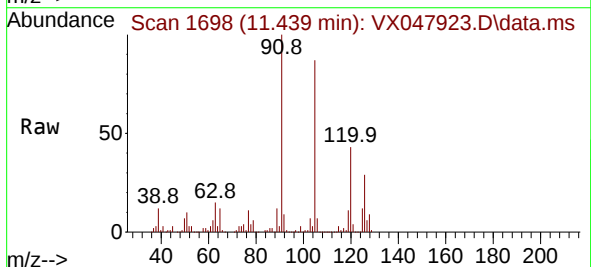
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

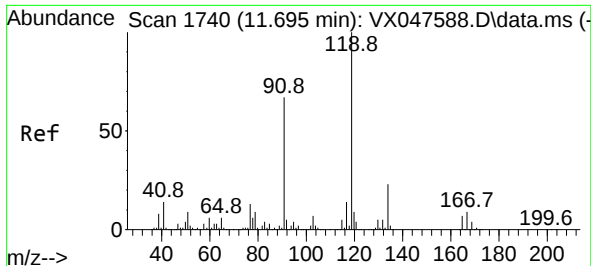
Tgt Ion: 75 Resp: 40353
Ion Ratio Lower Upper
75 100
53 105.1 83.4 125.2
89 45.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.640 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 91 Resp: 355988
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6

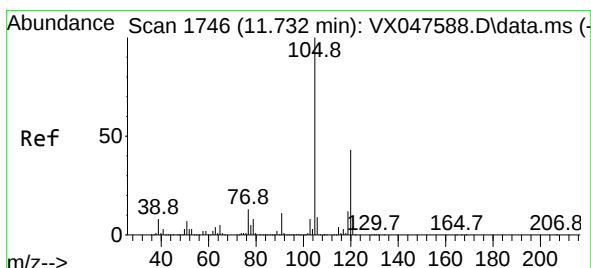
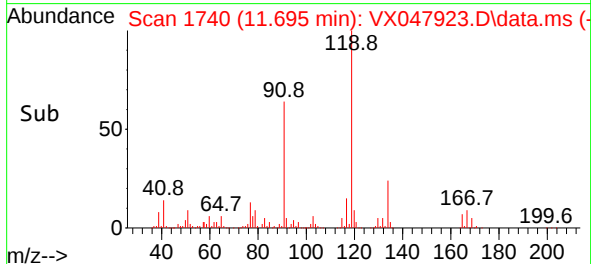
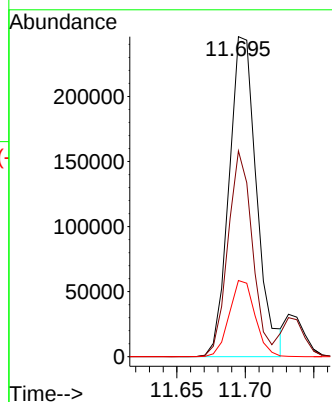
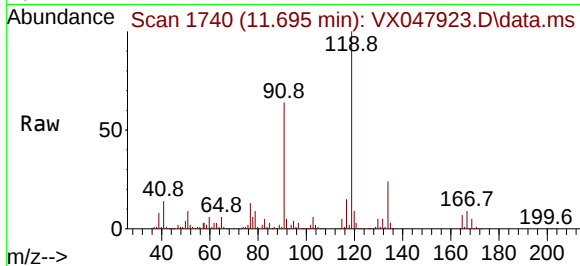




#83
tert-Butylbenzene
Concen: 49.053 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

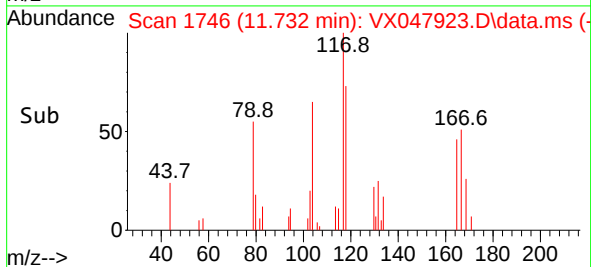
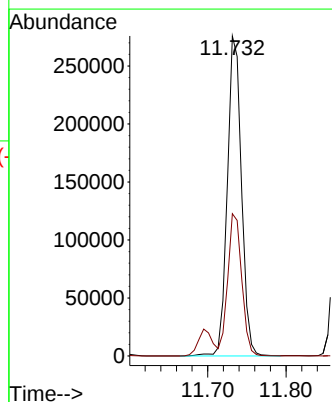
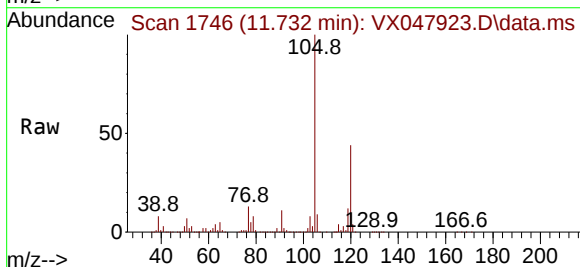
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

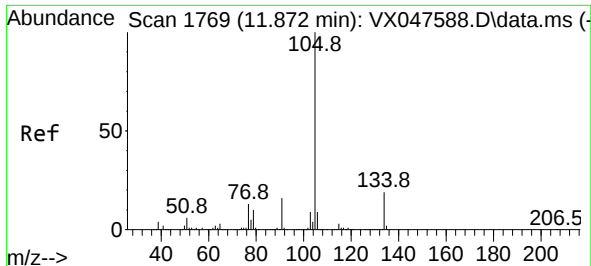
Tgt Ion:119 Resp: 345986
Ion Ratio Lower Upper
119 100
91 57.0 29.6 88.8
134 22.3 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 49.536 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion:105 Resp: 346035
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1

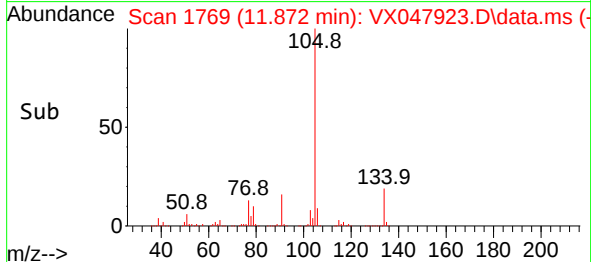
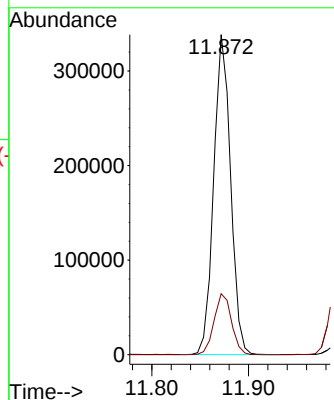
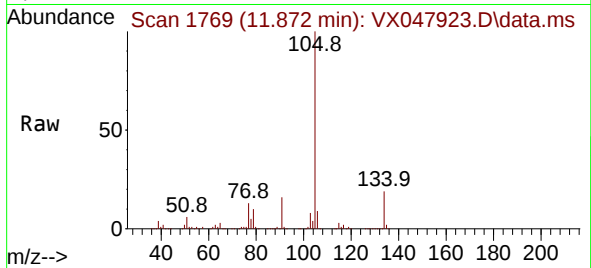




#85
 sec-Butylbenzene
 Concen: 48.913 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

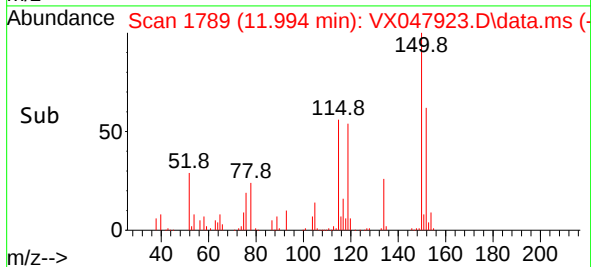
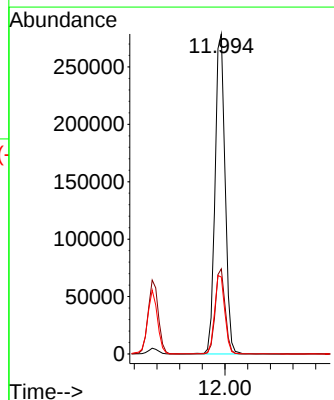
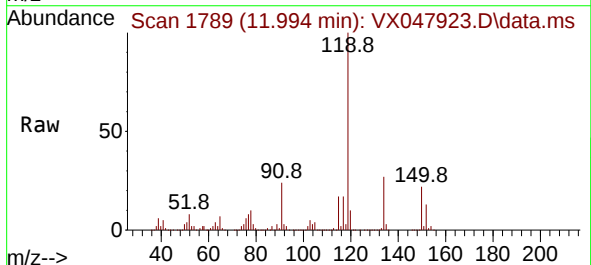
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

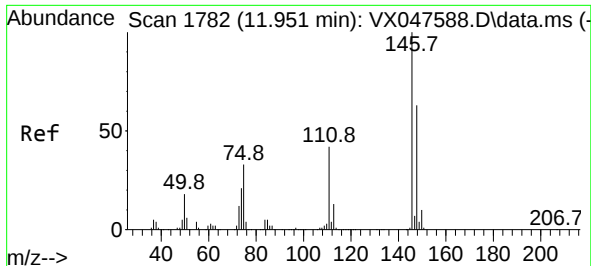
Tgt Ion:105 Resp: 409794
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.250 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047923.D
 Acq: 30 Sep 2025 19:30

Tgt Ion:119 Resp: 342231
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.9 12.6 37.6

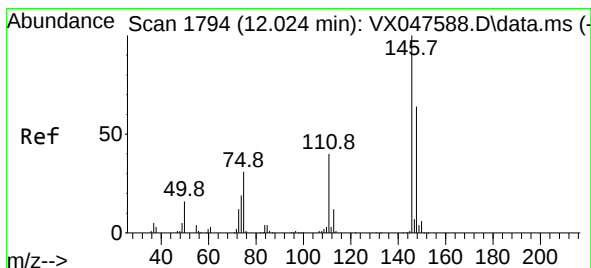
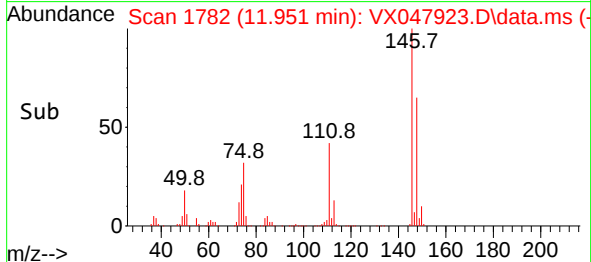
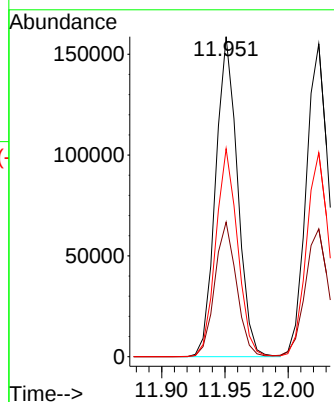
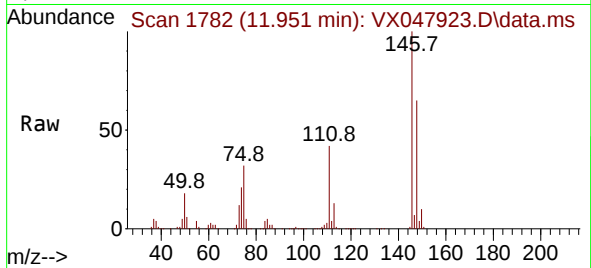




#87
1,3-Dichlorobenzene
Concen: 49.812 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

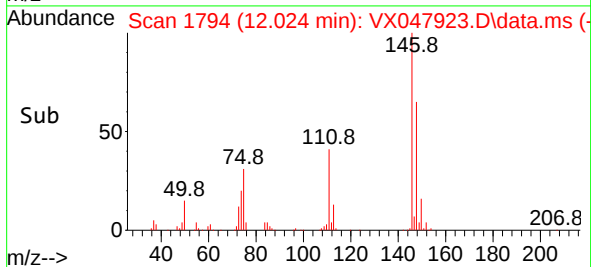
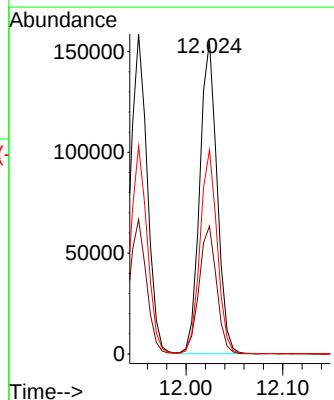
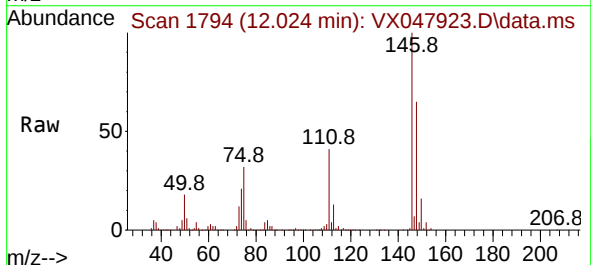
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 191106
Ion Ratio Lower Upper
146 100
111 41.8 21.5 64.5
148 64.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.006 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion:146 Resp: 192965
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.4
148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 47.651 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

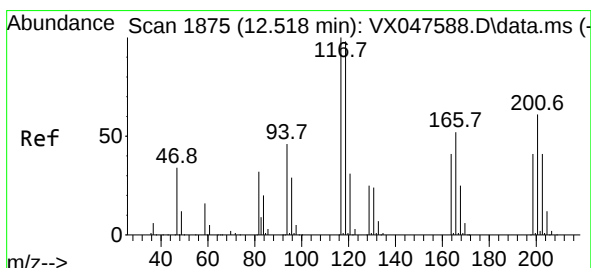
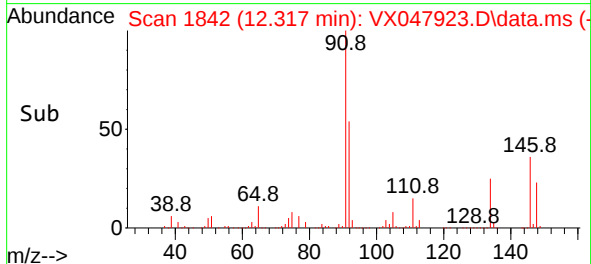
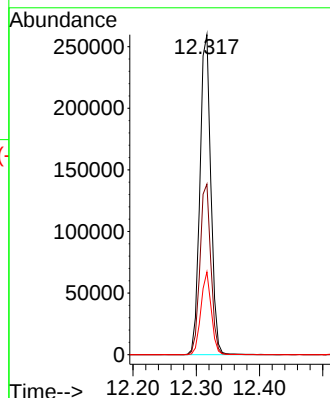
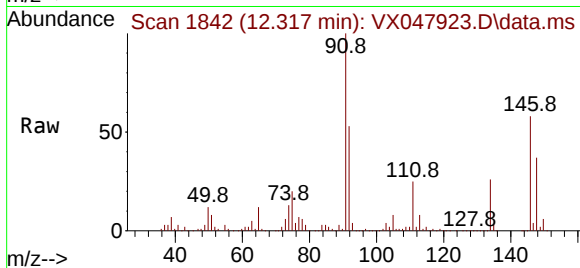
Tgt Ion: 91 Resp: 312733

Ion Ratio Lower Upper

91 100

92 53.5 27.6 82.7

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 50.578 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047923.D

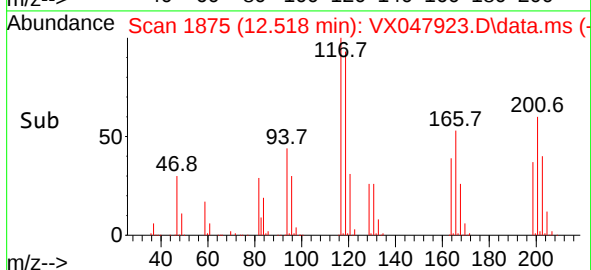
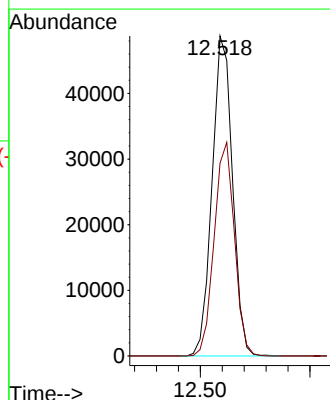
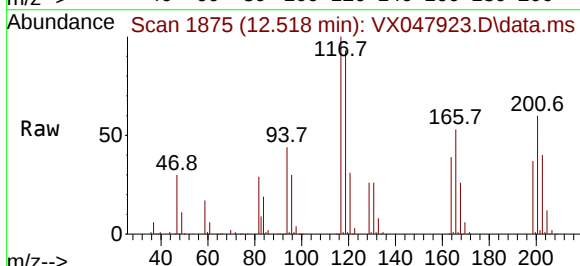
Acq: 30 Sep 2025 19:30

Tgt Ion:117 Resp: 62984

Ion Ratio Lower Upper

117 100

201 66.4 34.2 102.5

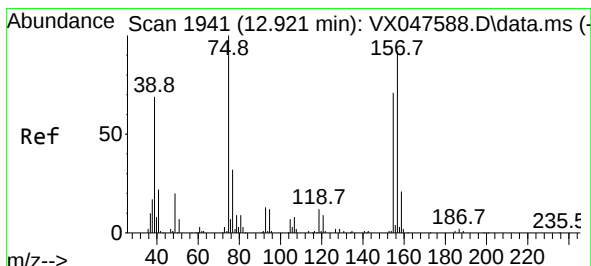
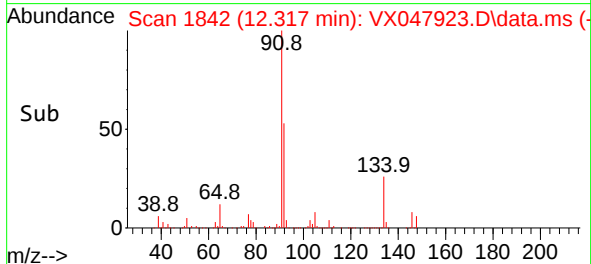
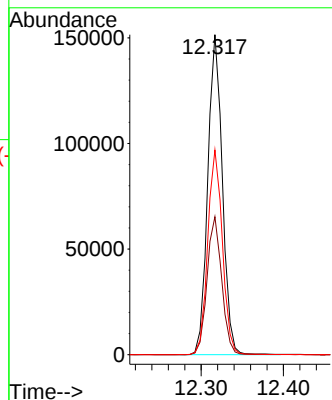
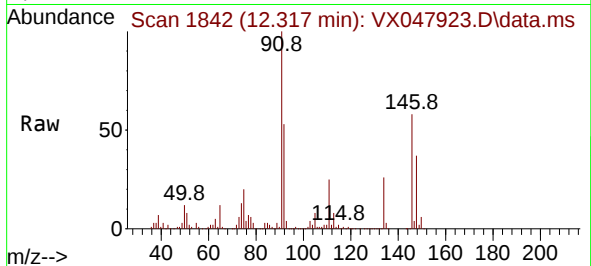




#91
1,2-Dichlorobenzene
Concen: 50.939 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

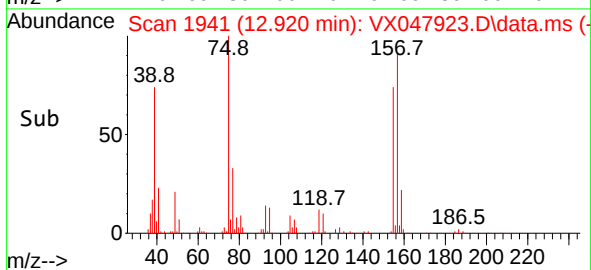
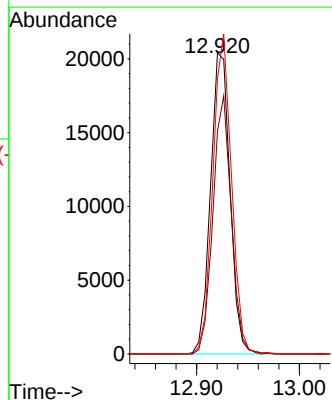
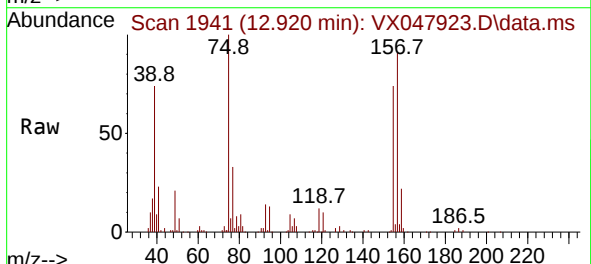
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

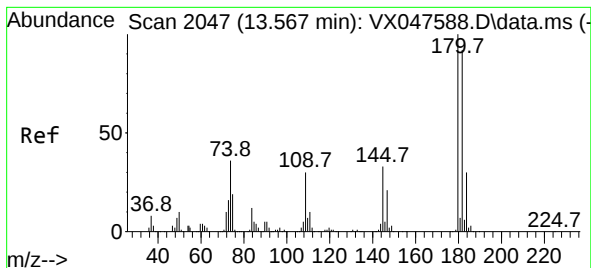
Tgt Ion:146 Resp: 186186
Ion Ratio Lower Upper
146 100
111 43.4 22.2 66.6
148 64.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.467 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047923.D
Acq: 30 Sep 2025 19:30

Tgt Ion: 75 Resp: 26953
Ion Ratio Lower Upper
75 100
155 80.5 37.7 113.1
157 101.3 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 47.467 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

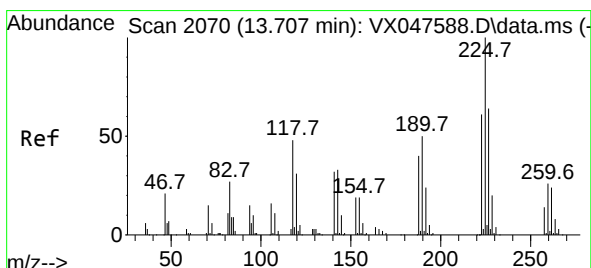
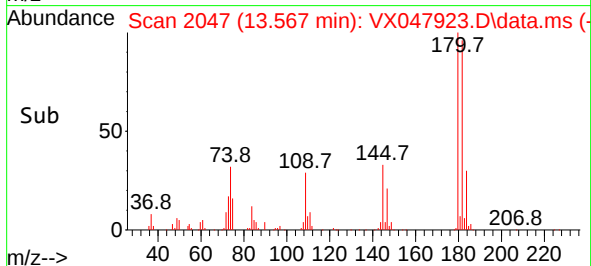
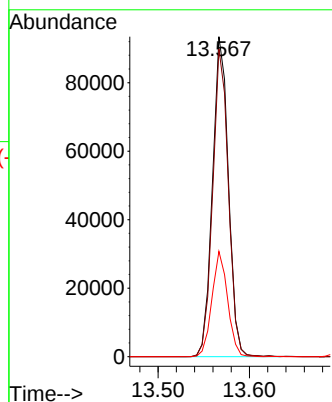
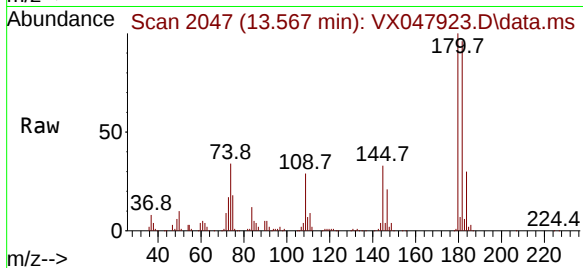
Tgt Ion:180 Resp: 112758

Ion Ratio Lower Upper

180 100

182 95.1 46.6 139.8

145 32.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 45.550 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

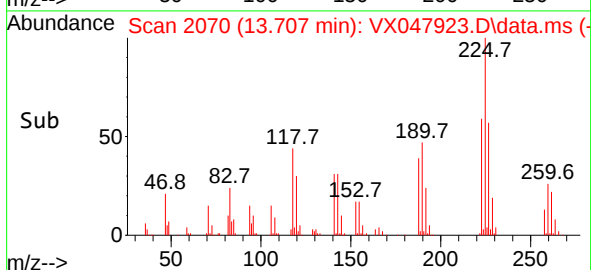
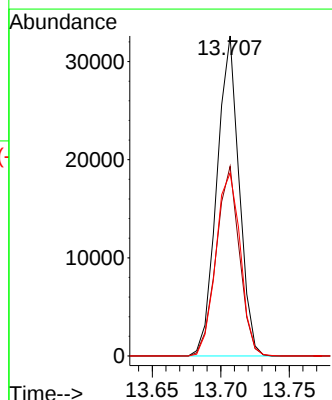
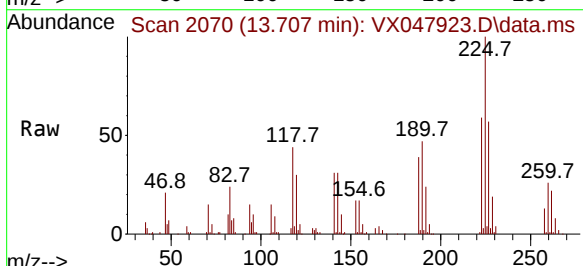
Tgt Ion:225 Resp: 36753

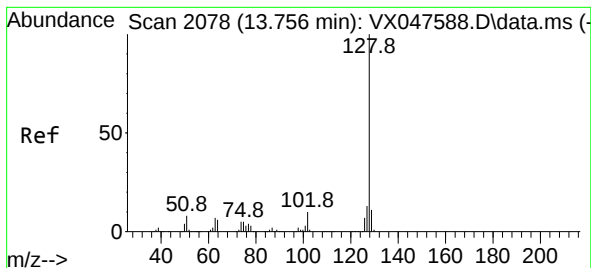
Ion Ratio Lower Upper

225 100

223 61.7 31.7 95.1

227 63.1 32.0 96.0





#95

Naphthalene

Concen: 51.160 ug/l

RT: 13.756 min Scan# 2107

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

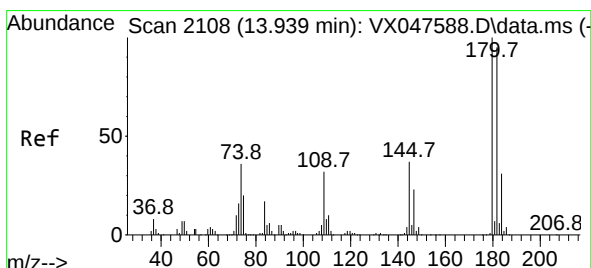
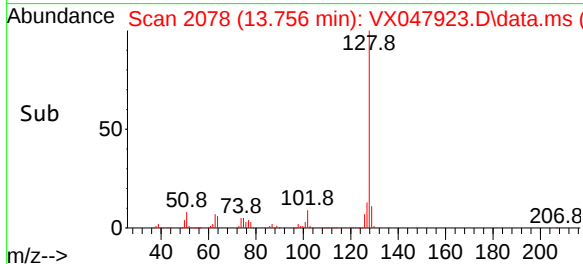
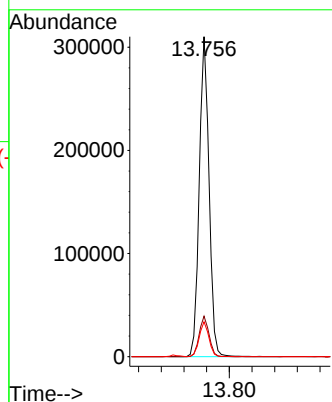
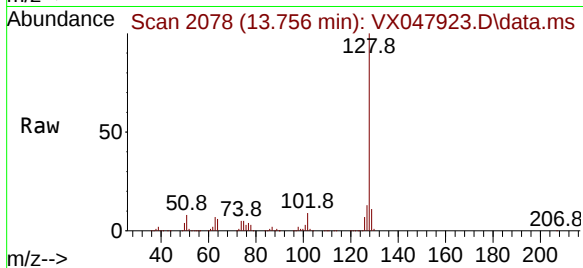
Tgt Ion:128 Resp: 370067

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.861 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047923.D

Acq: 30 Sep 2025 19:30

Tgt Ion:180 Resp: 107969

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.8

145 35.1 17.9 53.7

