Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
Data File : VX047636.D
Acq On : 18 Sep 2025 13:37
Operator : JC/MD
Sample : Q3095-11DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Quant Time: Sep 22 03:35:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	174332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	317792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	143589	51.745	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.500%			
35) Dibromofluoromethane	5.373	113	106906	50.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	8.635	98	373354	50.626	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.061	95	144794	51.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.460%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	356	0.242	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	2.343	101	733	0.364	ug/l #	85
10) Methyl Iodide	2.465	142	922	0.293	ug/l #	69
11) Tert butyl alcohol	2.947	59	449	1.453	ug/l #	72
13) Acrolein	2.227	56	98	0.344	ug/l #	1
15) Acrylonitrile	3.069	53	420	0.367	ug/l #	80
16) Acetone	2.380	43	1468	1.217	ug/l	98
17) Carbon Disulfide	2.520	76	1994	0.352	ug/l	95
20) Methylene Chloride	2.794	84	735	0.288	ug/l #	76
27) cis-1,2-Dichloroethene	4.477	96	747	0.274	ug/l	29
36) 1,1-Dichloropropene	5.544	75	15148	4.864	ug/l #	50
38) Carbon Tetrachloride	5.532	117	18385	5.433	ug/l #	17
39) Methylcyclohexane	7.373	83	1012	0.286	ug/l #	67
44) Trichloroethene	7.111	130	122156	53.417	ug/l	100
49) 1,4-Dioxane	7.659	88	58	2.107	ug/l #	22
51) 4-Methyl-2-Pentanone	8.561	43	621	0.205	ug/l #	66
58) 2-Chloroethyl Vinyl ether	8.244	63	52	7.923	ug/l #	47
59) 2-Hexanone	9.439	43	686	0.315	ug/l	66
64) Tetrachloroethene	9.256	164	838	0.443	ug/l #	89
76) 1,2,3-Trichloropropane	11.061	75	75857	26.022	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	75857	66.359	ug/l #	8
85) sec-Butylbenzene	11.872	105	2869	0.262	ug/l	98
86) p-Isopropyltoluene	11.994	119	2687	0.290	ug/l #	76
87) 1,3-Dichlorobenzene	11.951	146	1065	0.213	ug/l	94
88) 1,4-Dichlorobenzene	11.951	146	1065	0.207	ug/l	95
89) n-Butylbenzene	12.317	91	4000	0.467	ug/l	94
90) Hexachloroethane	12.524	117	441	0.271	ug/l	82
93) 1,2,4-Trichlorobenzene	13.573	180	1879	0.606	ug/l	95
94) Hexachlorobutadiene	13.707	225	1720	1.633	ug/l	94
95) Naphthalene	13.756	128	4048	0.429	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.945	180	1932	0.670	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
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Sample : Q3095-11DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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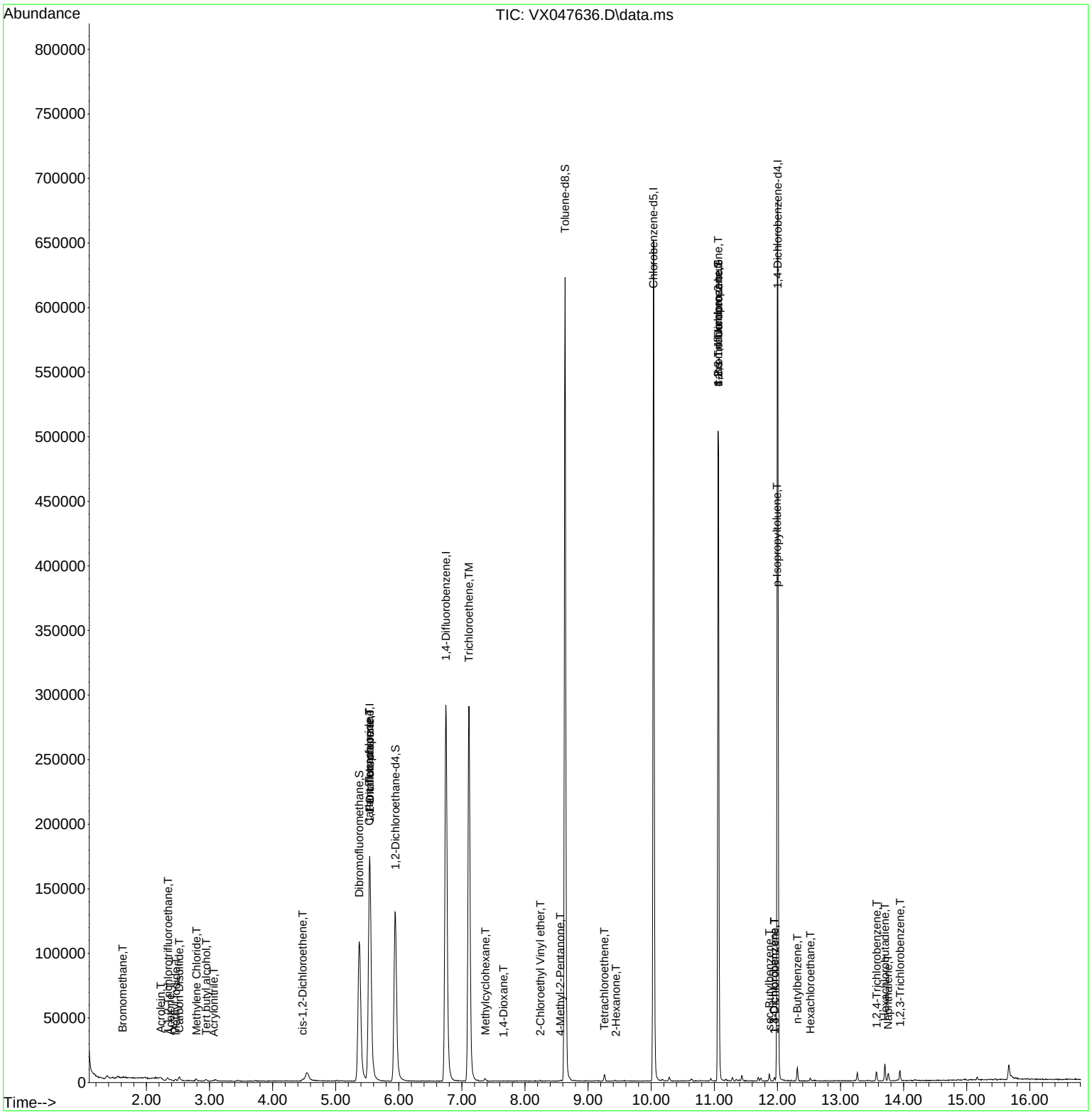
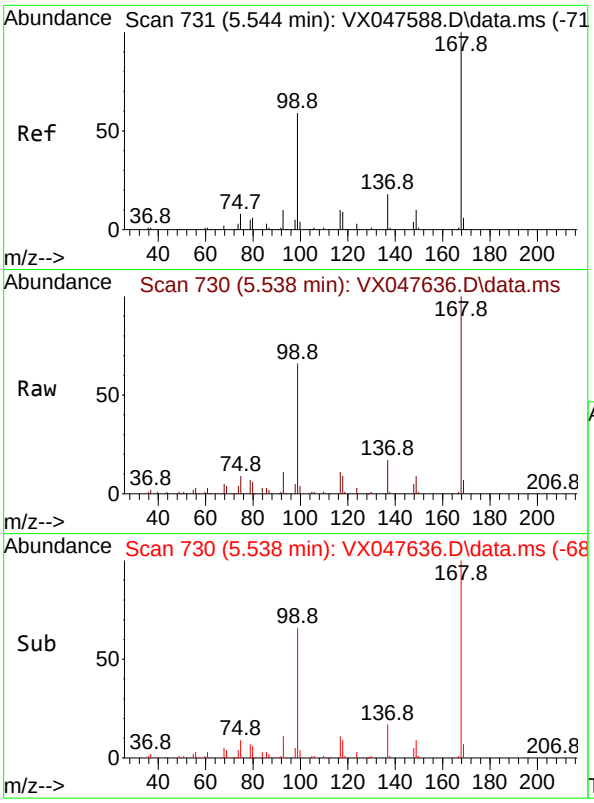
ClientSampleId :
RE122D1-20250909DL

Quant Time: Sep 22 03:35:01 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



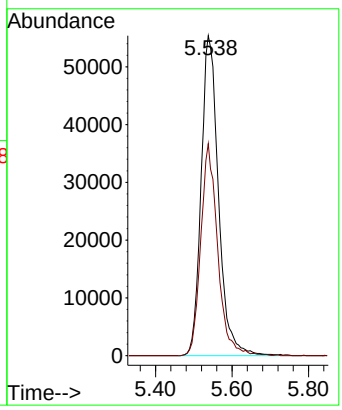


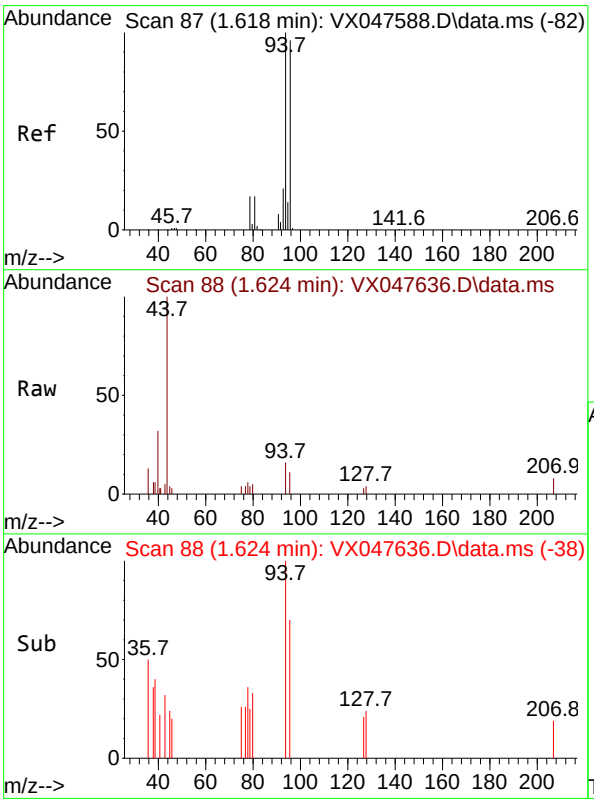
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:168 Resp: 174332

Ion	Ratio	Lower	Upper
168	100		
99	66.2	48.8	73.2

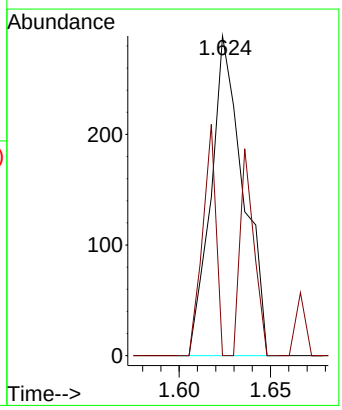


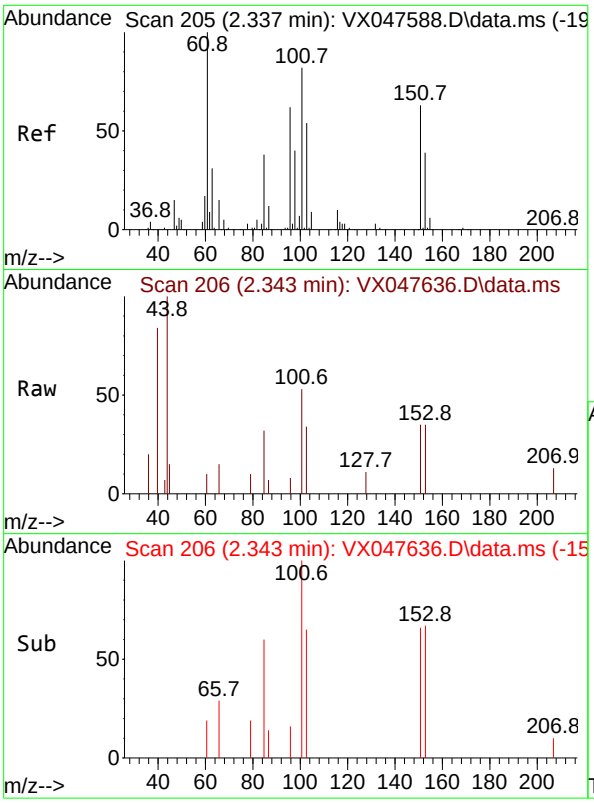


#5
Bromomethane
Concen: 0.242 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 94 Resp: 356

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#



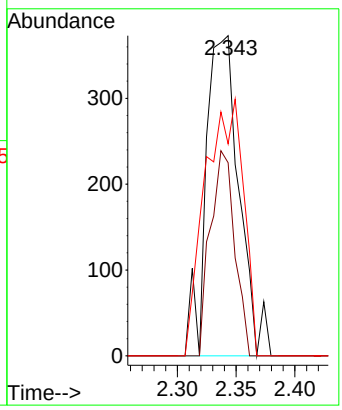


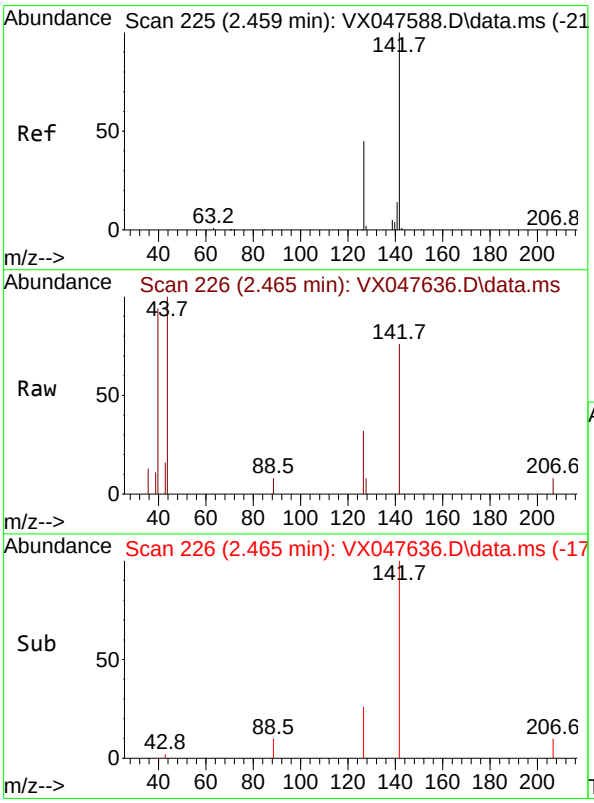
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.364 ug/l
RT: 2.343 min Scan# 2(
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:101 Resp: 733

Ion	Ratio	Lower	Upper
101	100		
85	47.1	35.5	53.3
151	92.2	59.4	89.0#

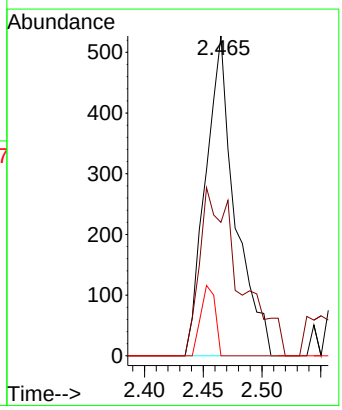


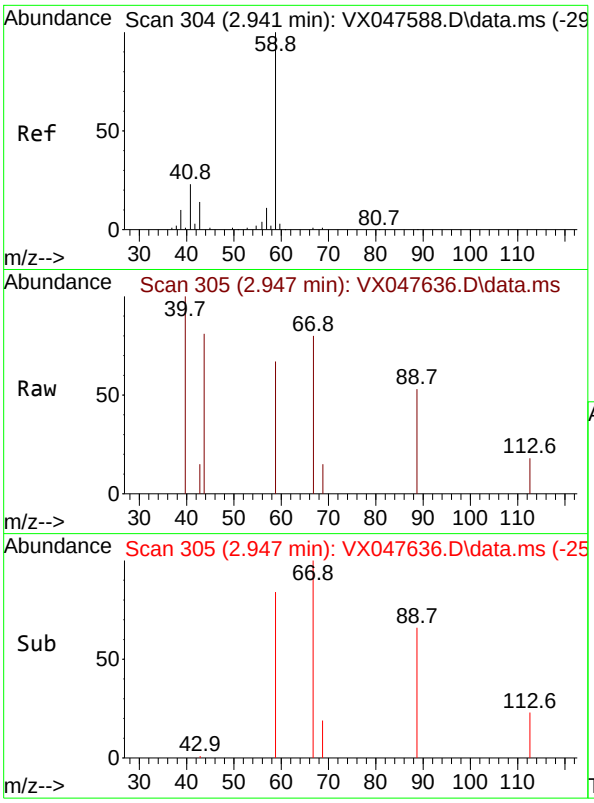


#10
Methyl Iodide
Concen: 0.293 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:142 Resp: 922

Ion	Ratio	Lower	Upper
142	100		
127	71.3	37.2	55.8#
141	10.7	11.4	17.0#



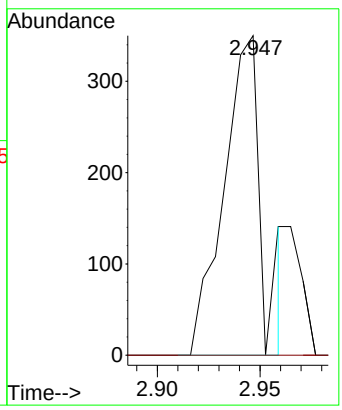


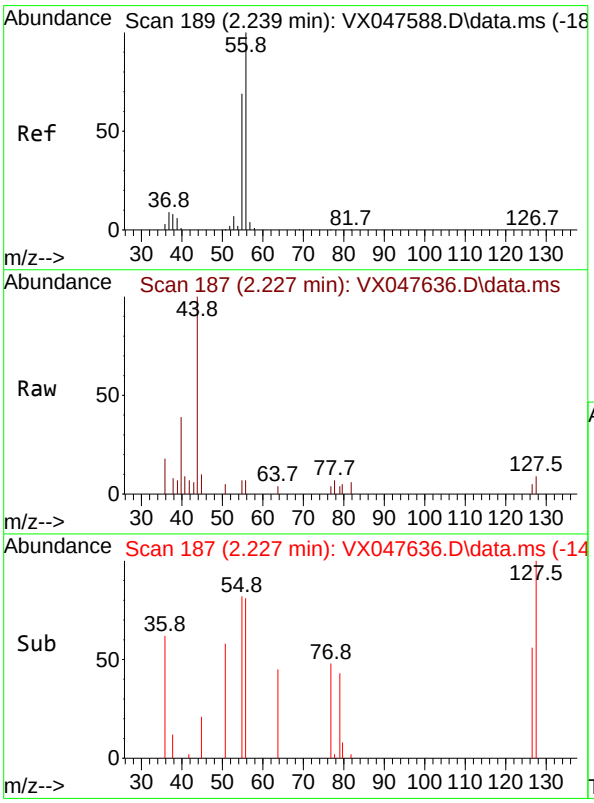
#11
Tert butyl alcohol
Concen: 1.453 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 59 Resp: 449

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

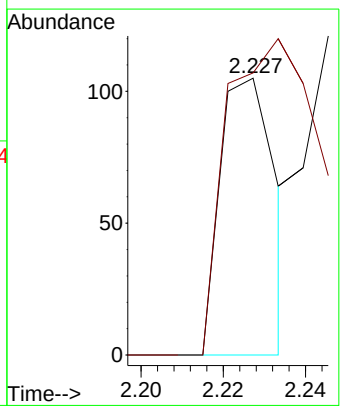


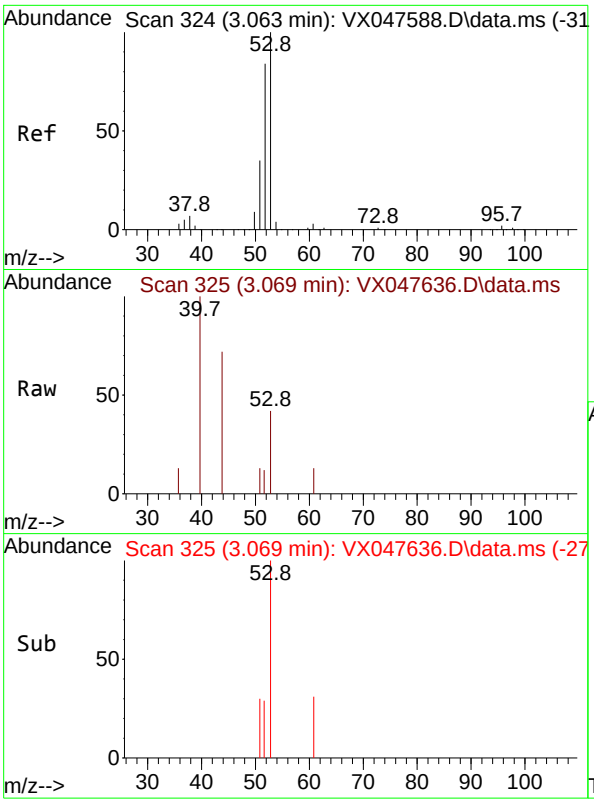


#13
Acrolein
Concen: 0.344 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	229.6	57.2	85.8#



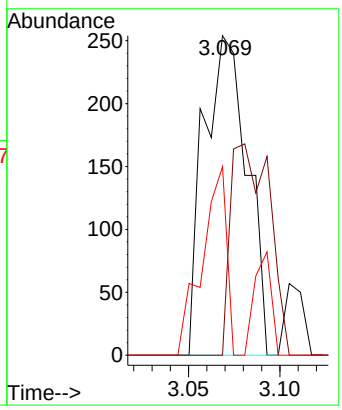


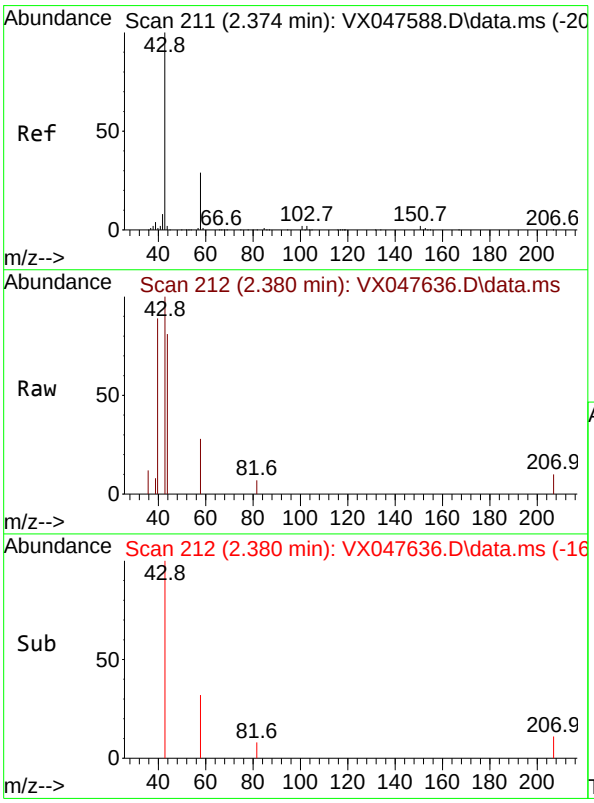
#15
Acrylonitrile
Concen: 0.367 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 53 Resp: 420

Ion	Ratio	Lower	Upper
53	100		
52	59.3	66.4	99.6#
51	33.3	29.5	44.3

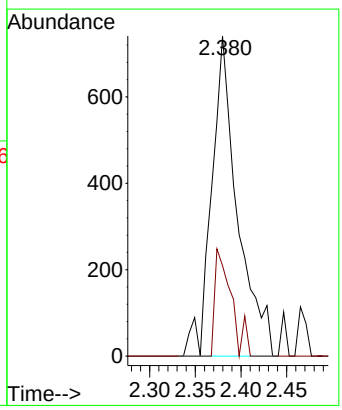


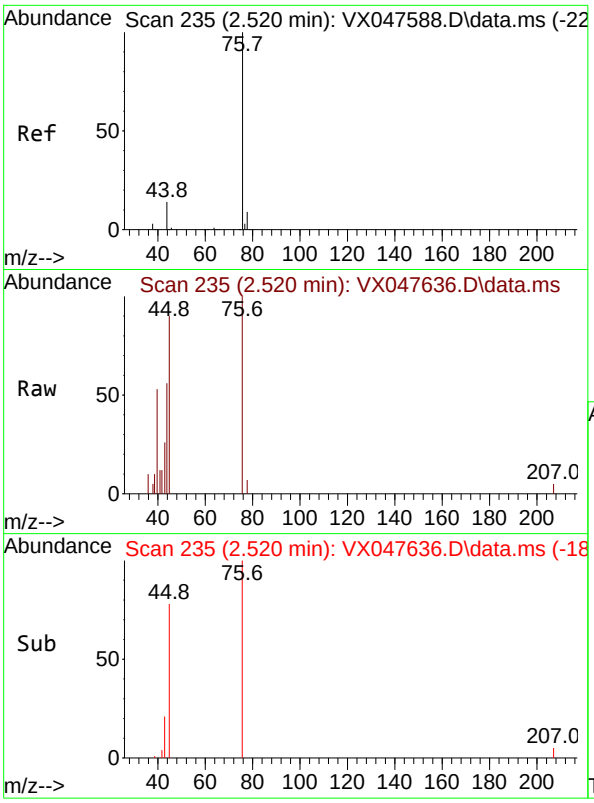


#16
Acetone
Concen: 1.217 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 43 Resp: 1468

Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.4	35.0



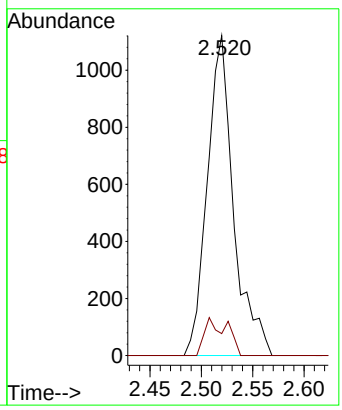


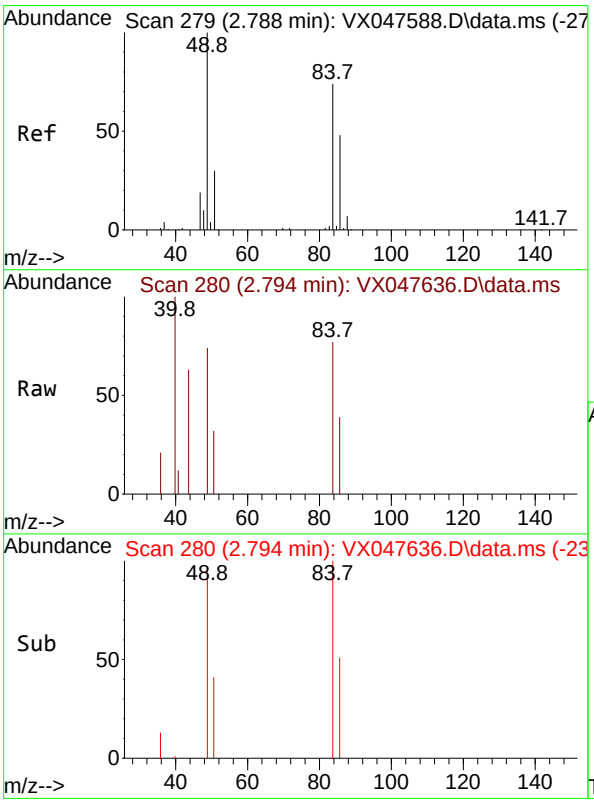
#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 76 Resp: 1994

Ion	Ratio	Lower	Upper
76	100		
78	6.9	6.8	10.2

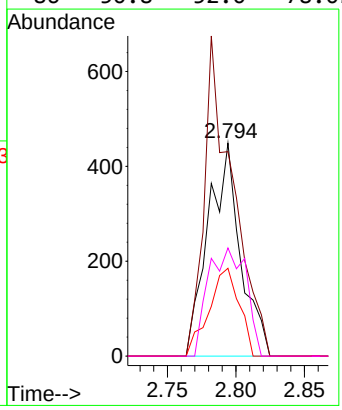


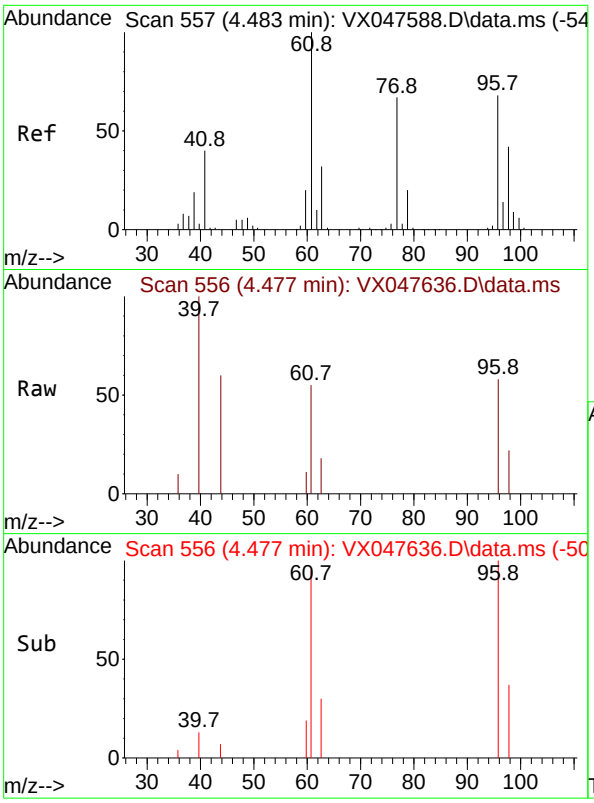


#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 84 Resp: 735

Ion	Ratio	Lower	Upper
84	100		
49	96.0	108.6	162.8#
51	41.2	32.6	48.8
86	50.8	52.0	78.0#



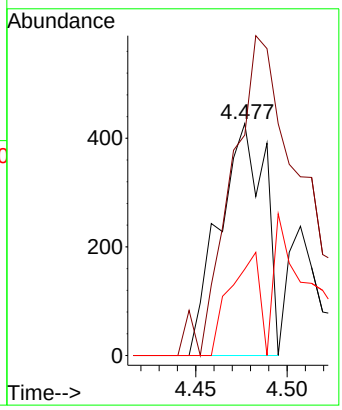


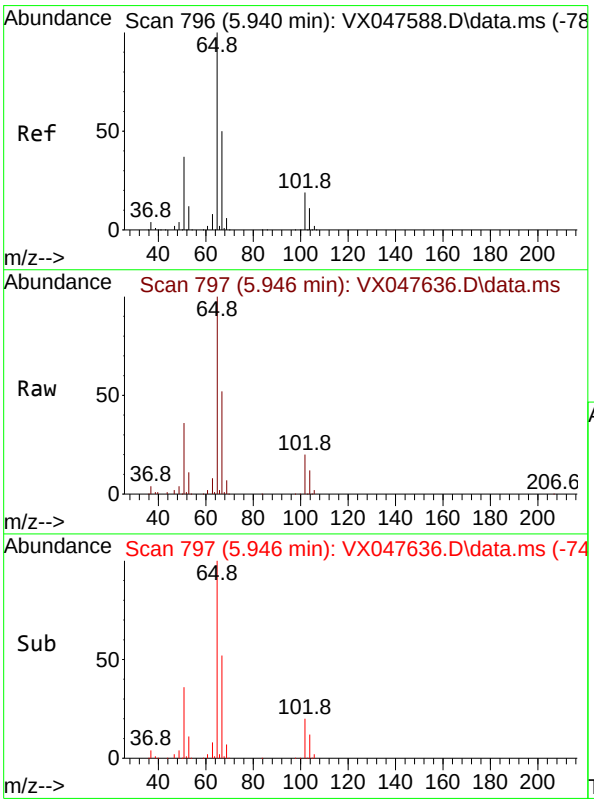
#27
cis-1,2-Dichloroethene
Concen: 0.274 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 96 Resp: 747

Ion	Ratio	Lower	Upper
96	100		
61	256.6	0.0	303.2
98	28.8	0.0	127.8

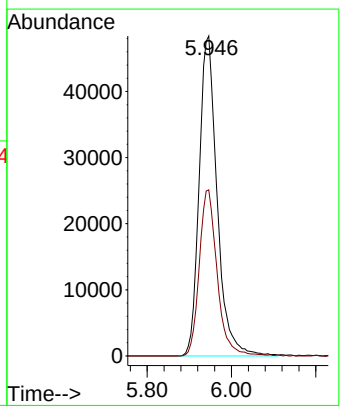


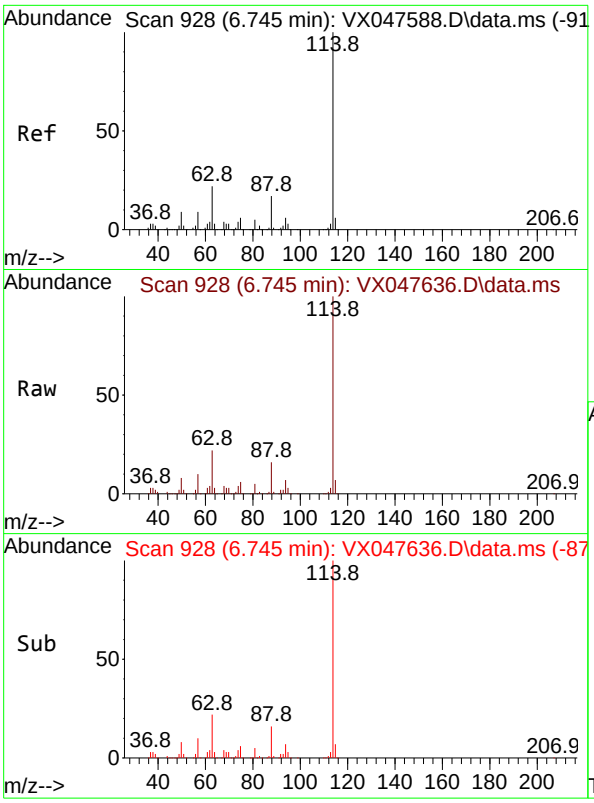


#33
1,2-Dichloroethane-d4
Concen: 51.745 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 65 Resp: 143589

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0



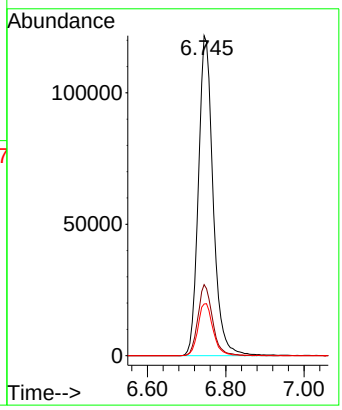


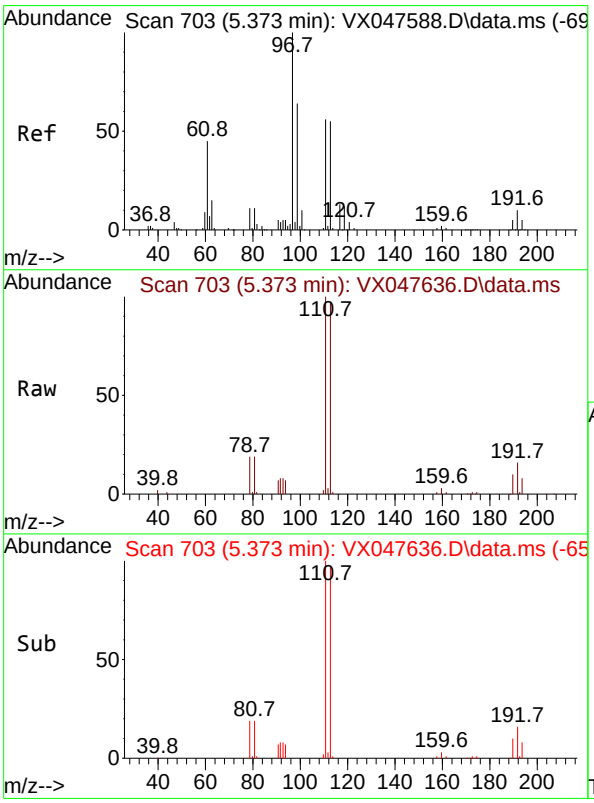
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:114 Resp: 317792

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	16.2	0.0	34.2

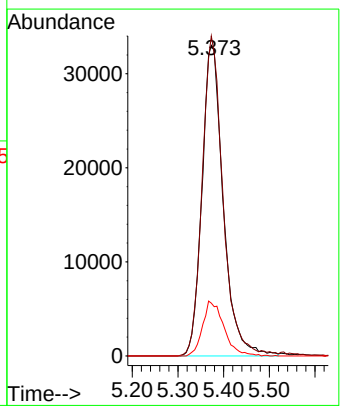


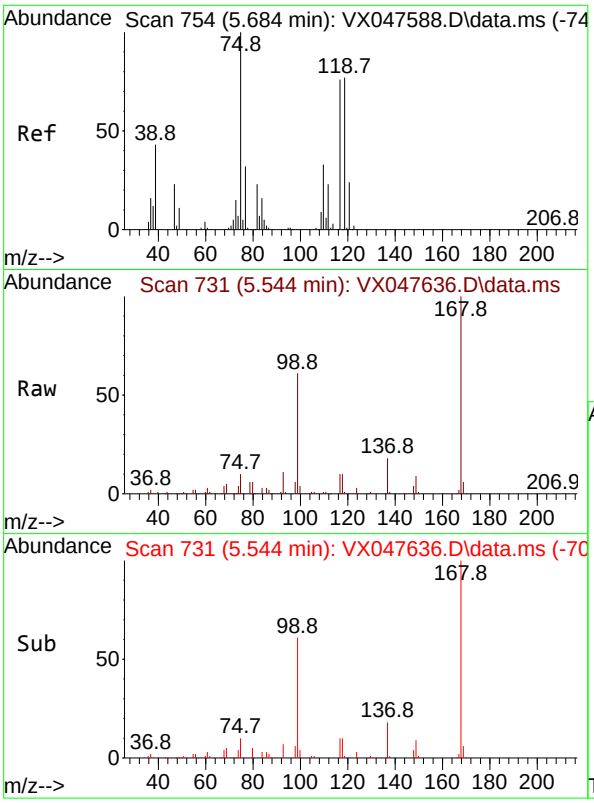


#35
Dibromofluoromethane
Concen: 50.160 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:113 Resp: 106906

Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.9	121.3
192	17.8	14.2	21.4



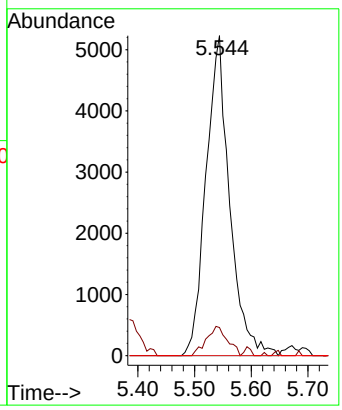


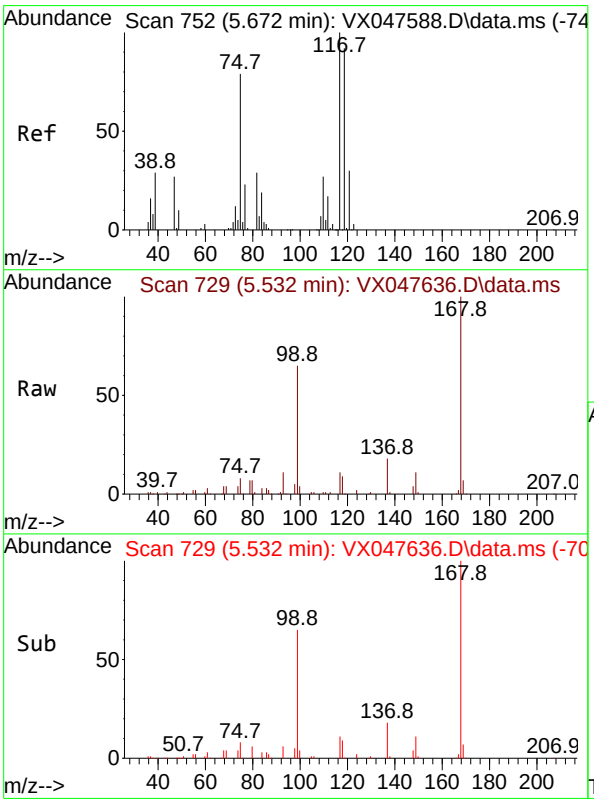
#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 75 Resp: 15148

Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.7	50.1#
77	0.0	24.3	36.5#

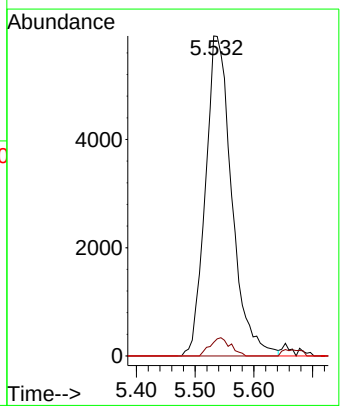


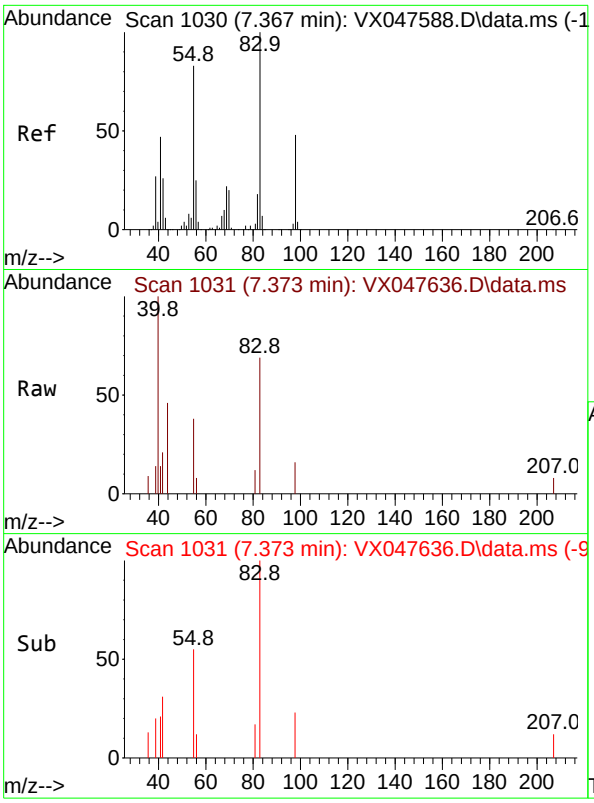


#38
Carbon Tetrachloride
Concen: 5.433 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.140 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:117 Resp: 18385

Ion	Ratio	Lower	Upper
117	100		
119	4.3	73.4	110.2#
121	0.0	23.8	35.6#



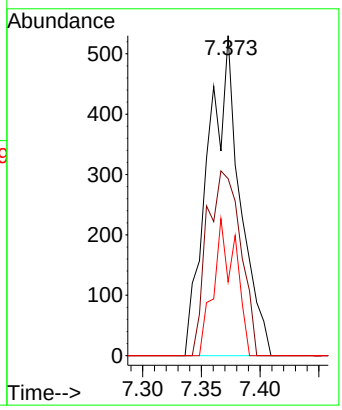


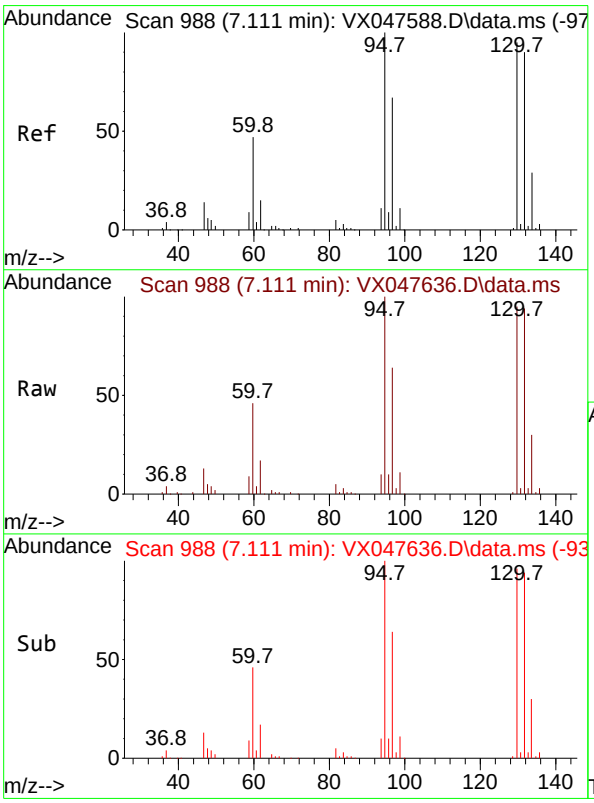
#39
Methylcyclohexane
Concen: 0.286 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 83 Resp: 1012

Ion	Ratio	Lower	Upper
83	100		
55	55.3	66.4	99.6#
98	23.0	38.1	57.1#

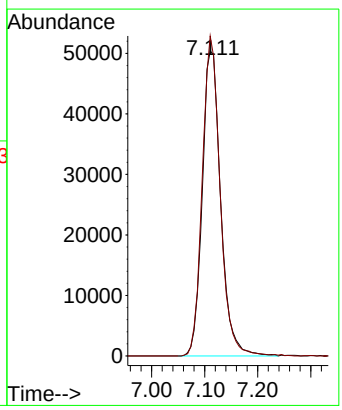


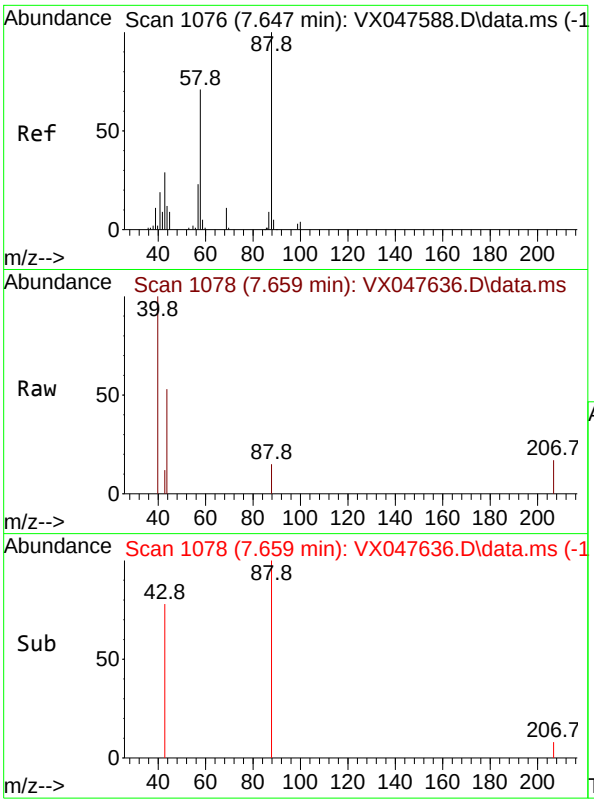


#44
Trichloroethene
Concen: 53.417 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:130 Resp: 122156

Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	210.8



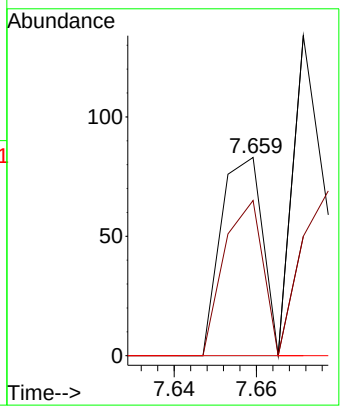


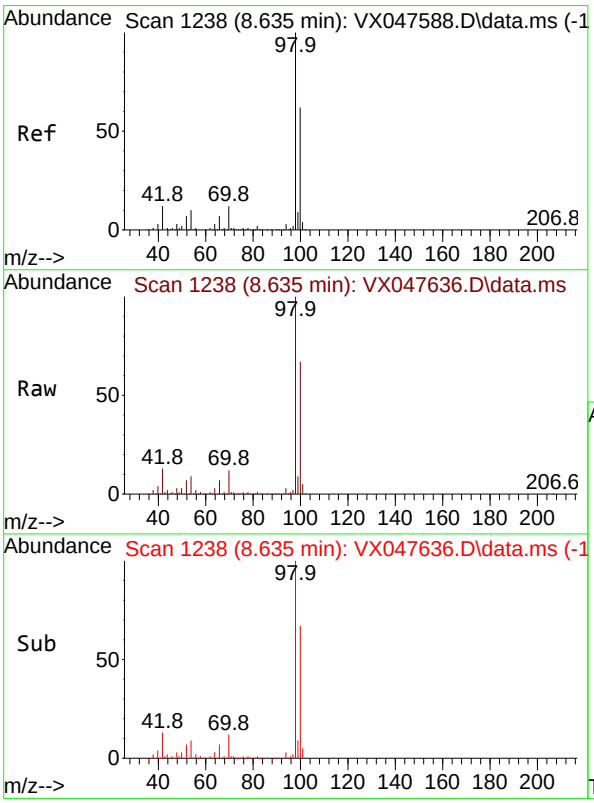
#49
1,4-Dioxane
Concen: 2.107 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	72.4	30.2	45.2#
58	0.0	59.5	89.3#

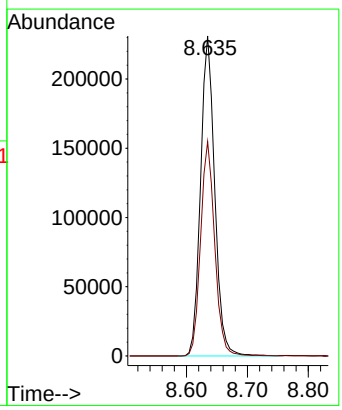


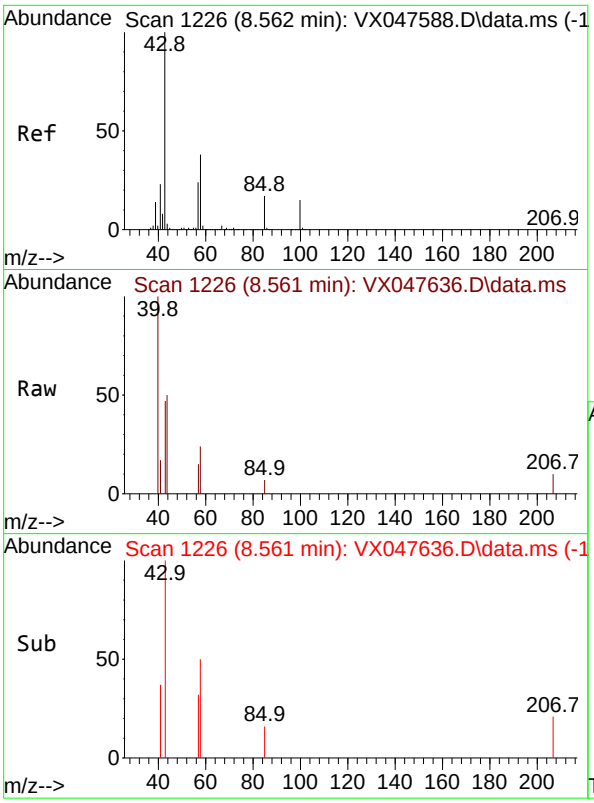


#50
Toluene-d8
Concen: 50.626 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 98 Resp: 373354

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



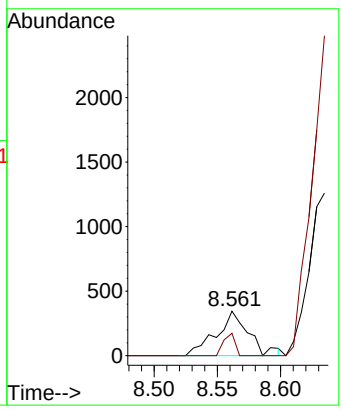


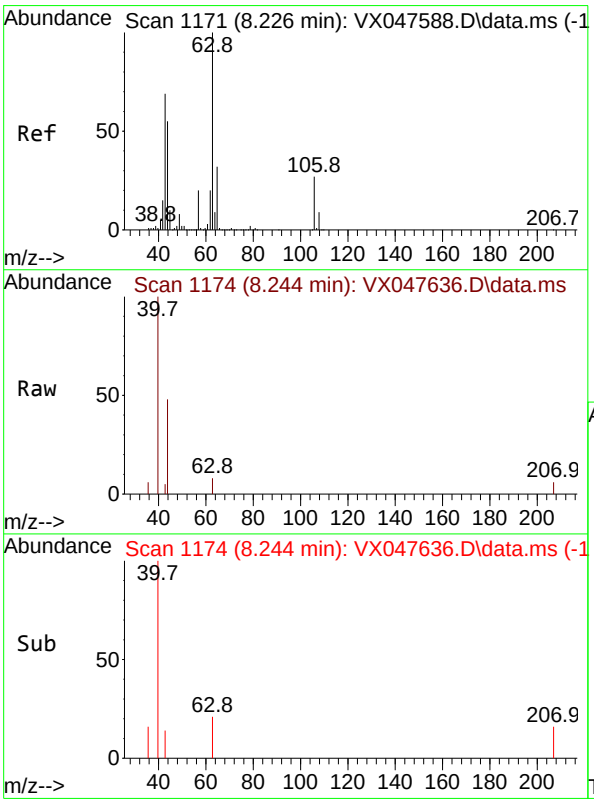
#51
4-Methyl-2-Pentanone
Concen: 0.205 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 43 Resp: 621

Ion	Ratio	Lower	Upper
43	100		
58	17.6	30.3	45.5#

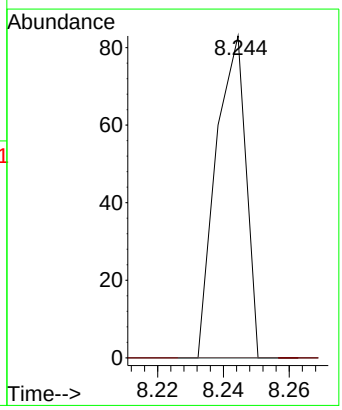


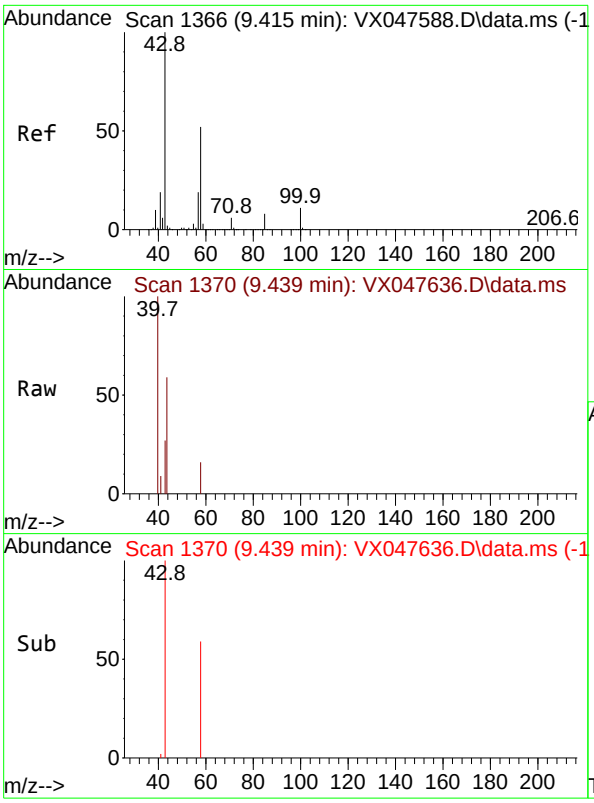


#58
2-Chloroethyl Vinyl ether
Concen: 7.923 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.018 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 63 Resp: 52

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



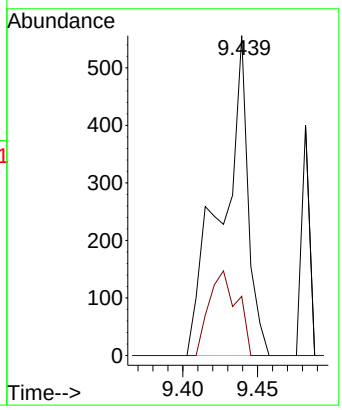


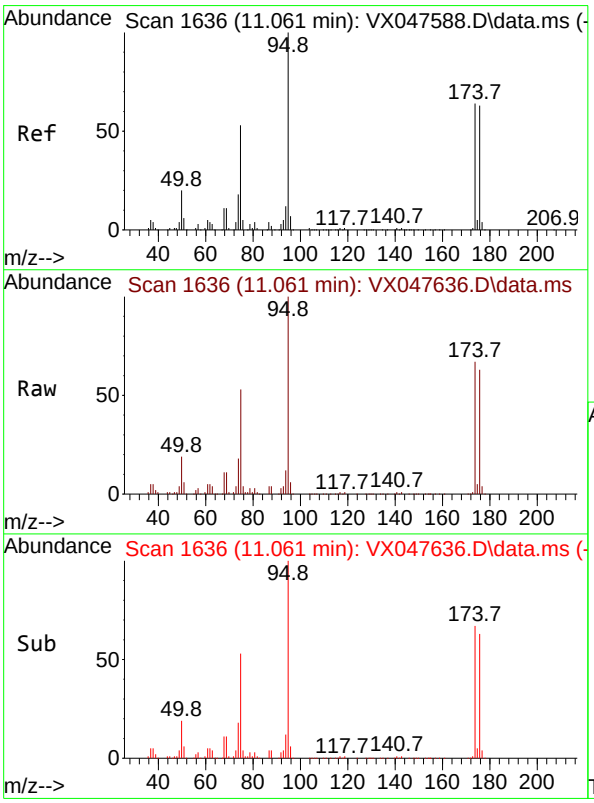
#59
2-Hexanone
Concen: 0.315 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 43 Resp: 686

Ion	Ratio	Lower	Upper
43	100		
58	28.1	26.1	78.2

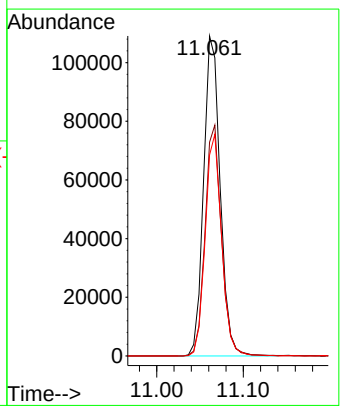


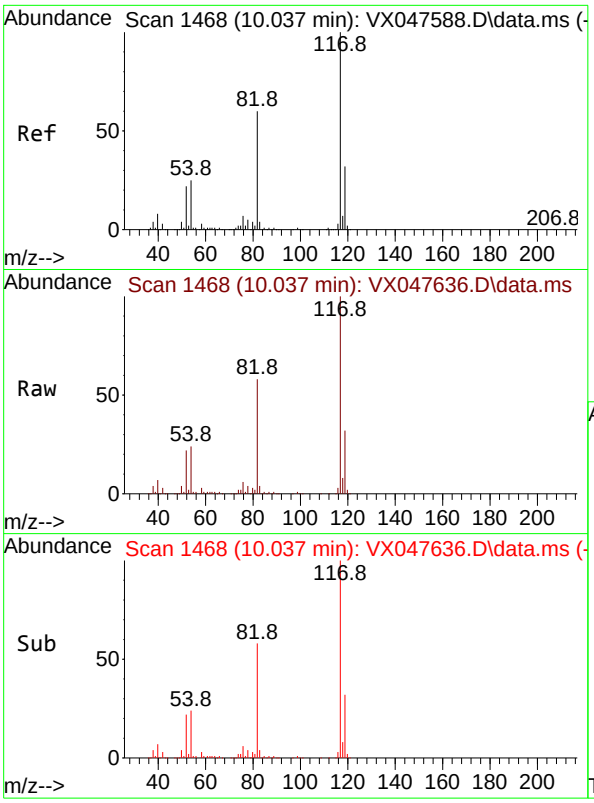


#62
4-Bromofluorobenzene
Concen: 51.734 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 95 Resp: 144794

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	141.6
176	68.7	0.0	138.4



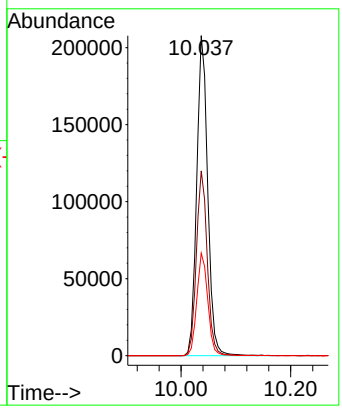


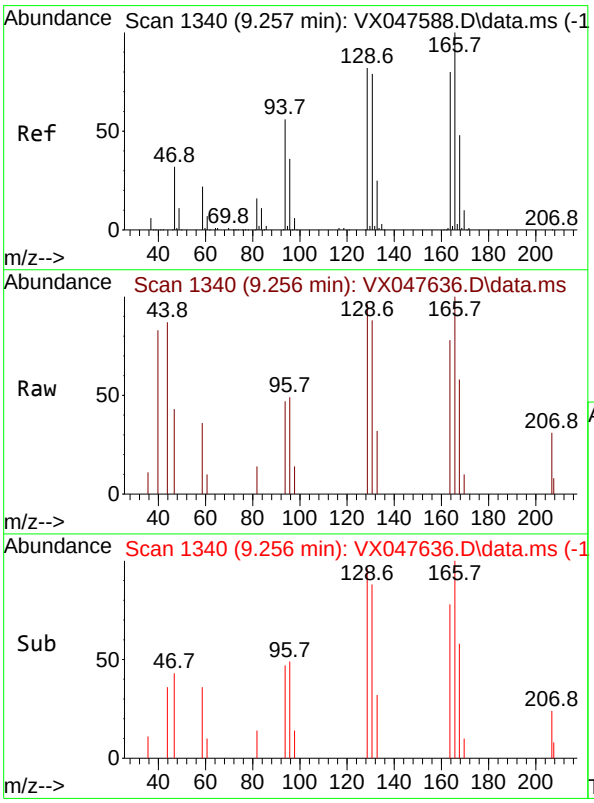
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:117 Resp: 290497

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.8	71.6
119	32.1	25.2	37.8

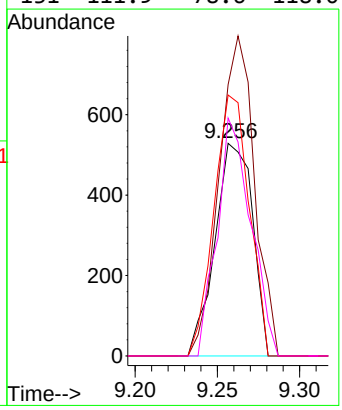


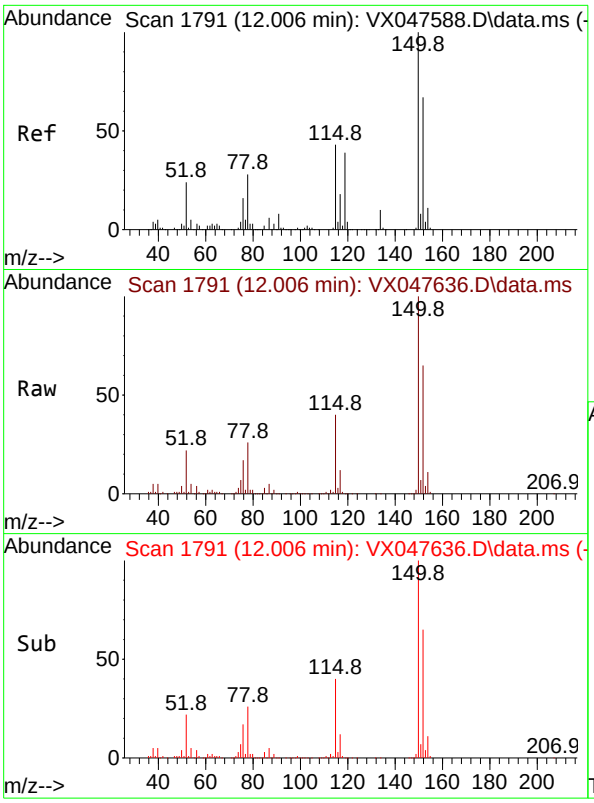


#64
Tetrachloroethene
Concen: 0.443 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:164 Resp: 838

Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.2	150.2
129	122.7	81.8	122.6#
131	111.9	78.6	118.0



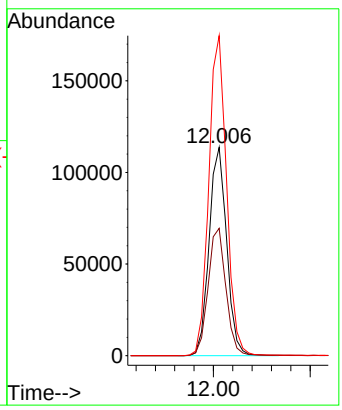


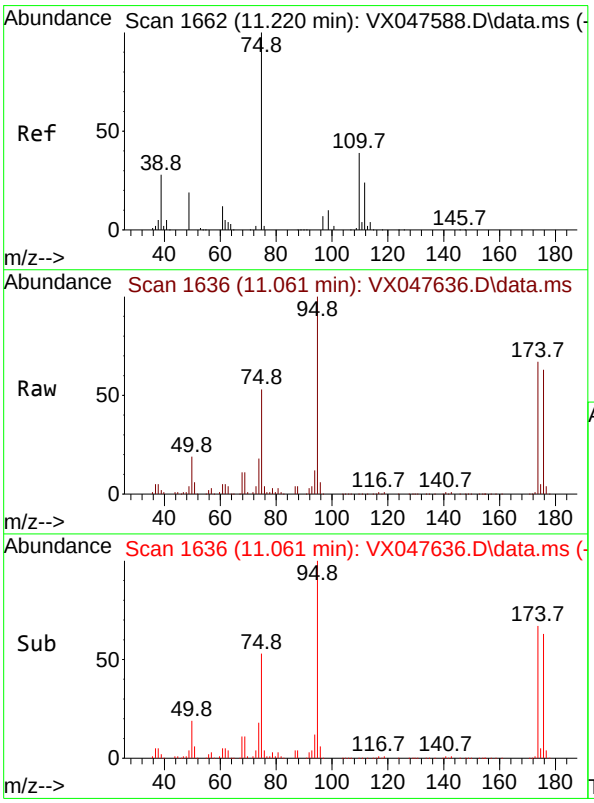
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:152 Resp: 143980

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	154.7	0.0	352.0

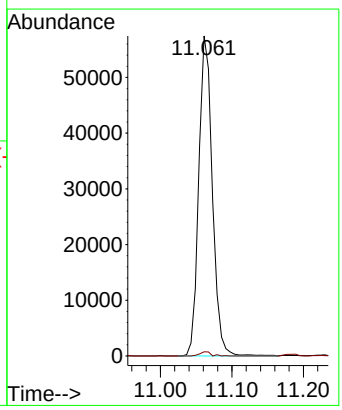


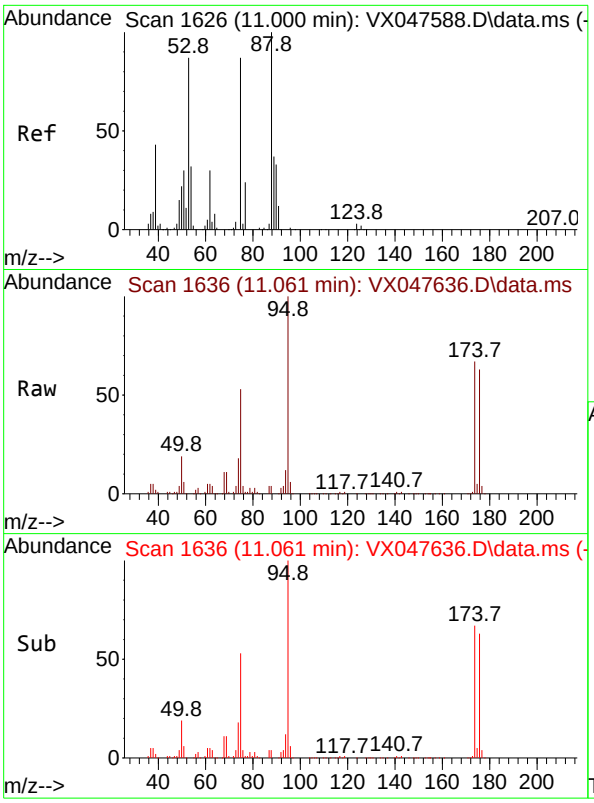


#76
1,2,3-Trichloropropane
Concen: 26.022 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 75 Resp: 75857

Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.8	56.4#



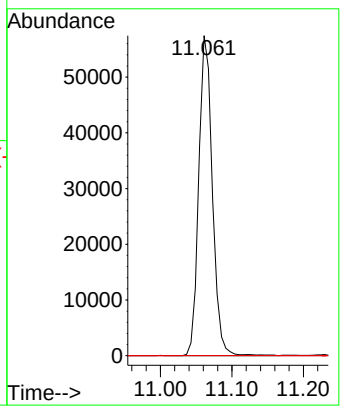


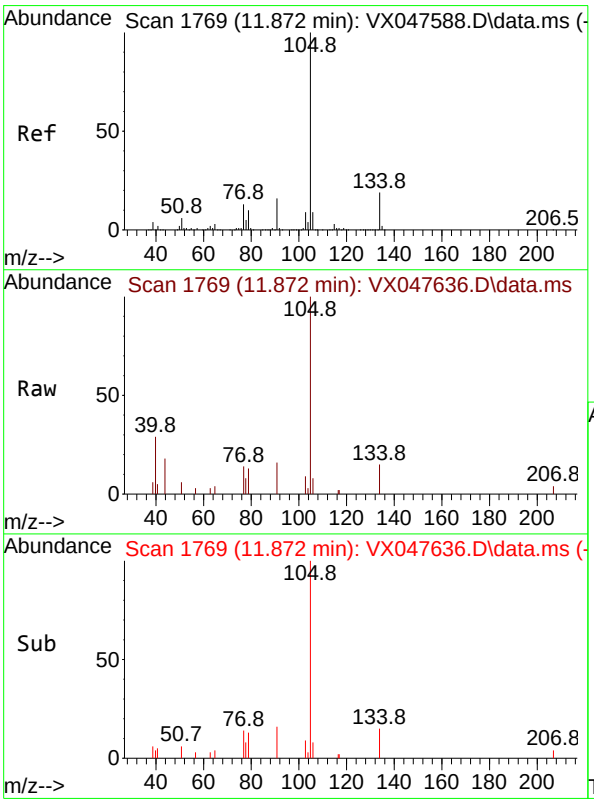
#81
trans-1,4-Dichloro-2-butene
Concen: 66.359 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 75 Resp: 75857

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	36.3	54.5#

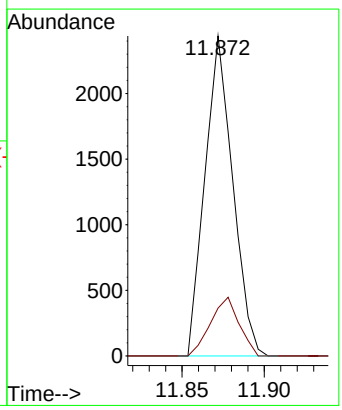


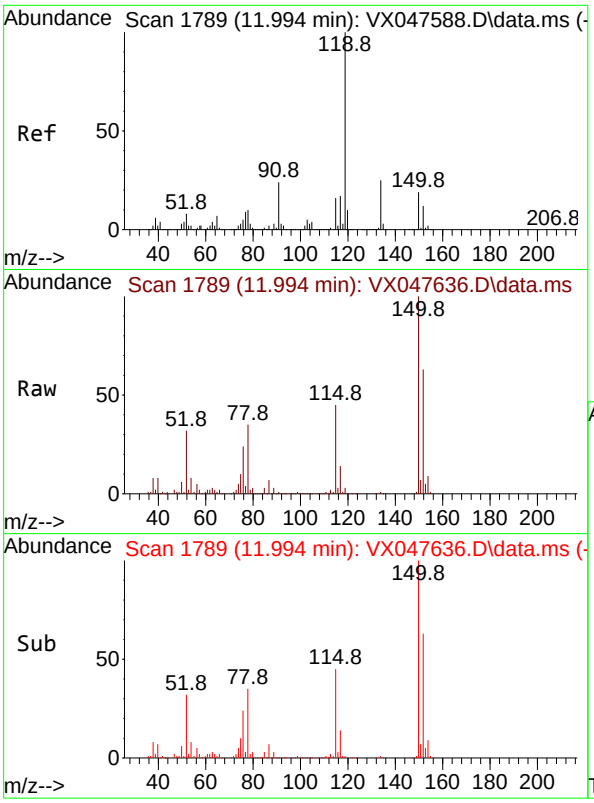


#85
sec-Butylbenzene
Concen: 0.262 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:105 Resp: 2869

Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.8	29.5



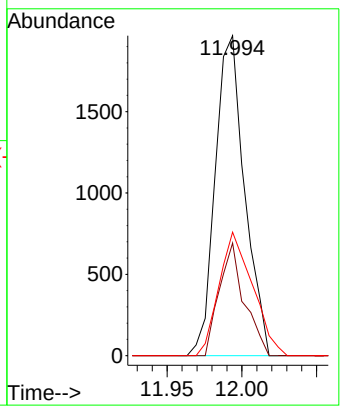


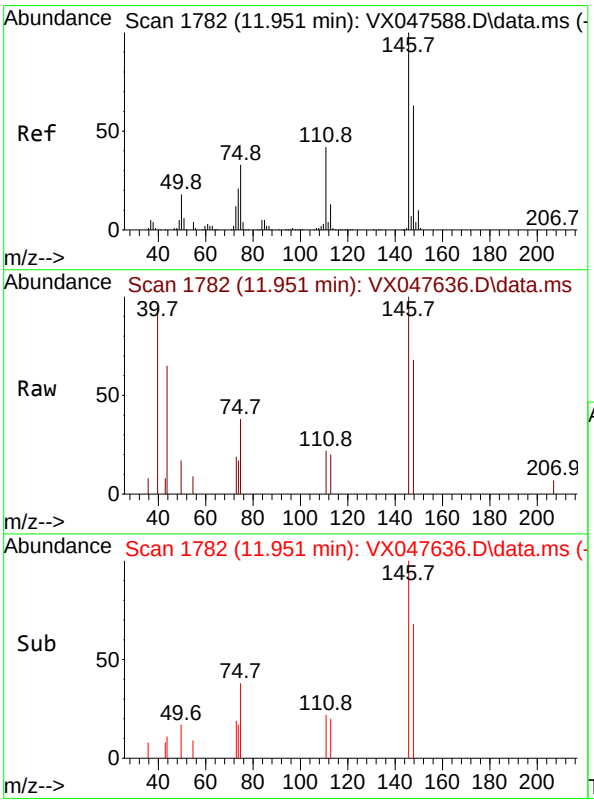
#86
p-Isopropyltoluene
Concen: 0.290 ug/l
RT: 11.994 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:119 Resp: 2687

Ion	Ratio	Lower	Upper
119	100		
134	30.0	12.6	37.8
91	44.3	12.6	37.6#

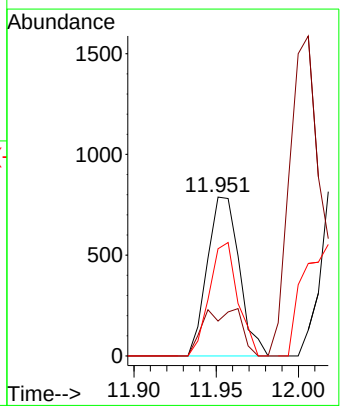


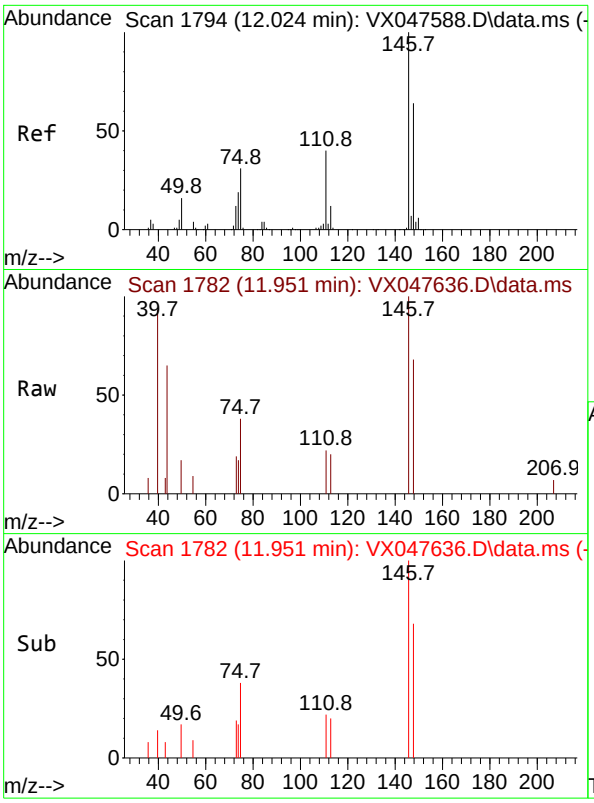


#87
1,3-Dichlorobenzene
Concen: 0.213 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:146 Resp: 1065

Ion	Ratio	Lower	Upper
146	100		
111	34.6	21.5	64.5
148	63.6	32.0	96.0



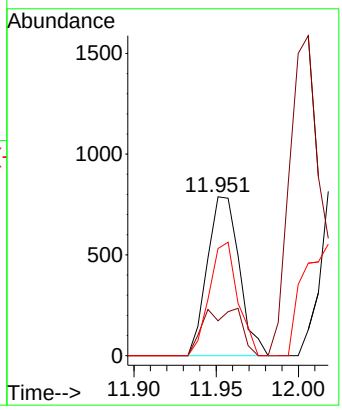


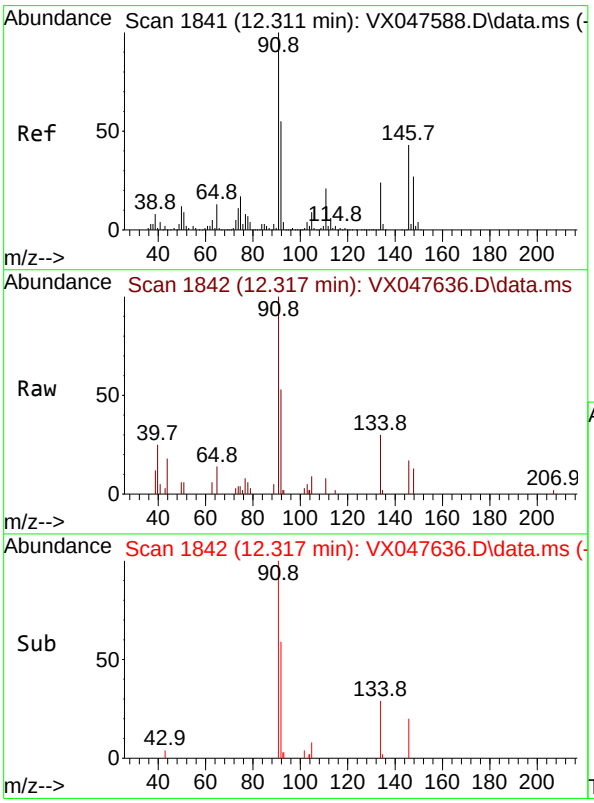
#88
1,4-Dichlorobenzene
Concen: 0.207 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:146 Resp: 1065

Ion	Ratio	Lower	Upper
146	100		
111	34.6	20.8	62.4
148	63.6	31.7	95.1

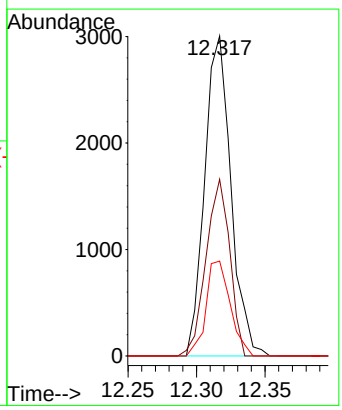


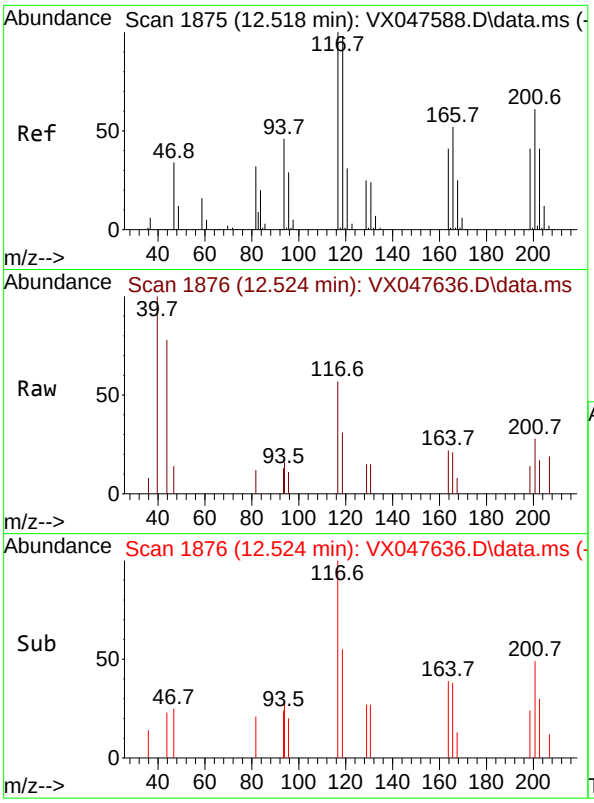


#89
n-Butylbenzene
Concen: 0.467 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 91 Resp: 4000

Ion	Ratio	Lower	Upper
91	100		
92	49.9	27.6	82.7
134	27.5	12.6	37.8



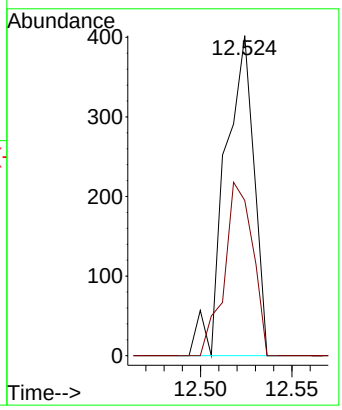


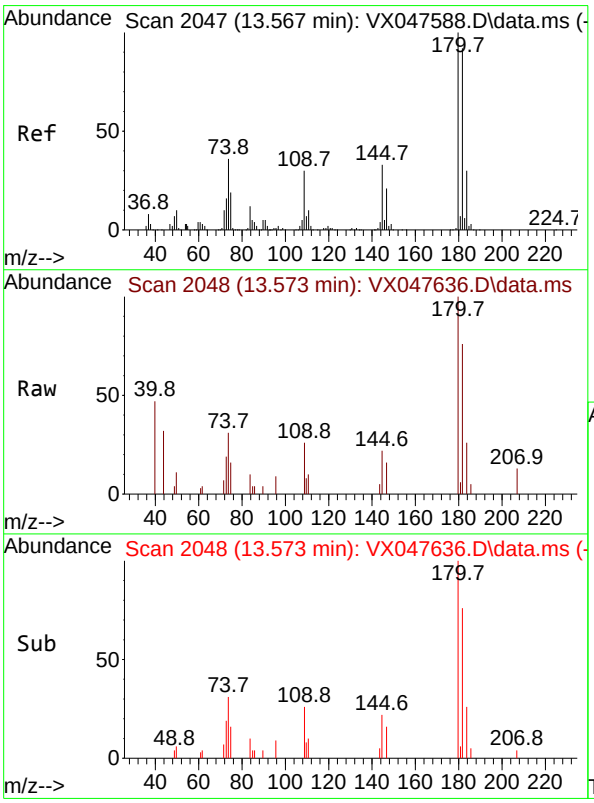
#90
Hexachloroethane
Concen: 0.271 ug/l
RT: 12.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:117 Resp: 441

Ion	Ratio	Lower	Upper
117	100		
201	53.5	34.2	102.5

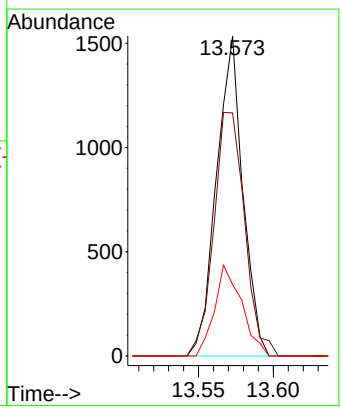


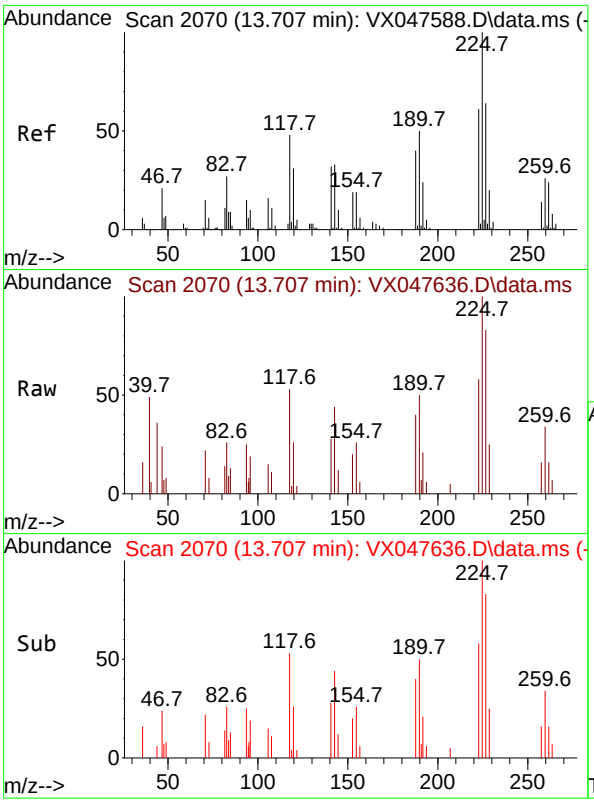


#93
1,2,4-Trichlorobenzene
Concen: 0.606 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:180 Resp: 1879

Ion	Ratio	Lower	Upper
180	100		
182	88.9	46.6	139.8
145	29.3	16.4	49.1



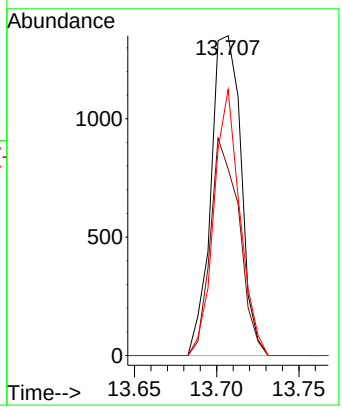


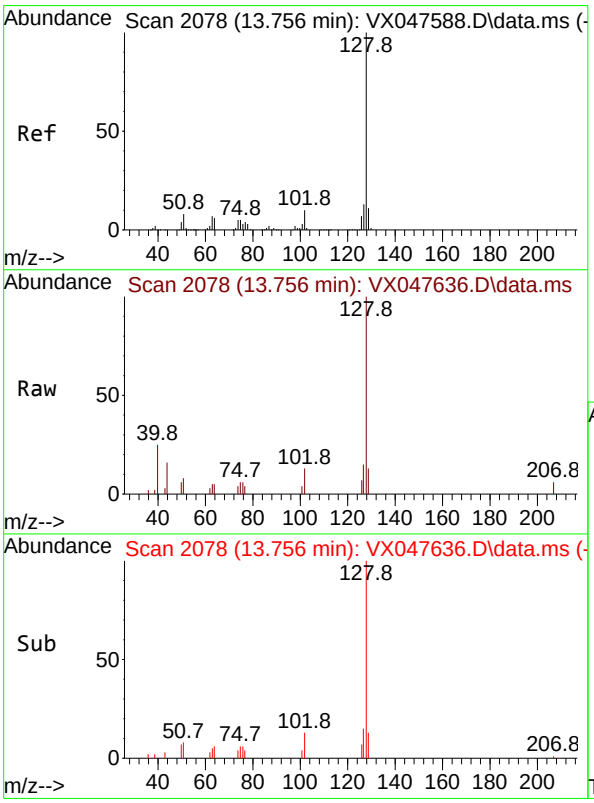
#94
Hexachlorobutadiene
Concen: 1.633 ug/l
RT: 13.707 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:225 Resp: 1720

Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.7	95.1
227	72.2	32.0	96.0

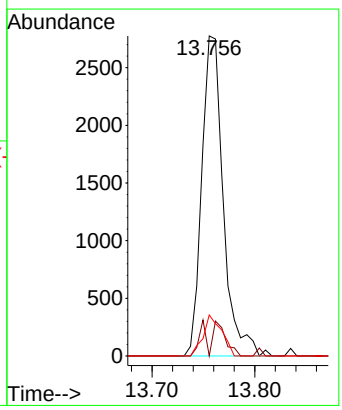


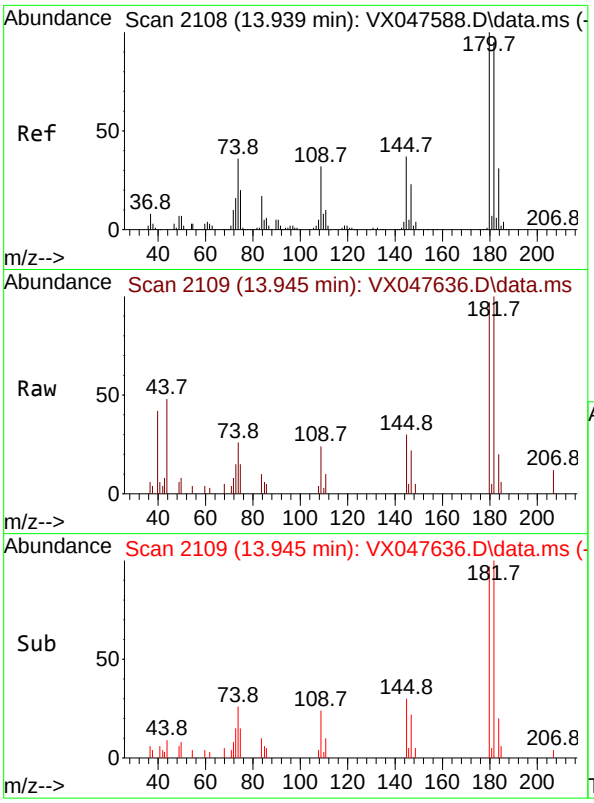


#95
Naphthalene
Concen: 0.429 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:128 Resp: 4048

Ion	Ratio	Lower	Upper
128	100		
127	6.3	10.2	15.2#
129	11.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.670 ug/l
RT: 13.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:180 Resp: 1932

Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.6	142.8
145	32.2	17.9	53.7