Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
Data File : VX047572.D
Acq On : 02 Sep 2025 10:22
Operator : JC/MD
Sample : VX0902MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Quant Time: Sep 03 02:12:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	179585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	357090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147723	53.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.140%			
35) Dibromofluoromethane	5.397	113	125503	51.208	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	8.647	98	445730	51.886	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.780%			
62) 4-Bromofluorobenzene	11.079	95	180082	55.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.600%			
Target Compounds						Qvalue
3) Chloromethane	1.319	50	677	0.315	ug/l	94
5) Bromomethane	1.642	94	1182	1.082	ug/l #	1
6) Chloroethane	1.691	64	1180	0.736	ug/l #	40
10) Methyl Iodide	2.477	142	5351	1.511	ug/l	97
11) Tert butyl alcohol	2.965	59	323	1.274	ug/l #	73
13) Acrolein	2.252	56	407	0.801	ug/l #	35
15) Acrylonitrile	3.093	53	441	0.389	ug/l #	10
16) Acetone	2.398	43	3879	3.552	ug/l #	85
17) Carbon Disulfide	2.532	76	4563	0.677	ug/l	97
18) Methyl Acetate	2.721	43	1014	0.377	ug/l #	53
21) trans-1,2-Dichloroethene	3.099	96	537	0.223	ug/l #	73
38) Carbon Tetrachloride	5.562	117	18767	4.849	ug/l #	19
39) Methylcyclohexane	7.379	83	1341	0.333	ug/l #	85
49) 1,4-Dioxane	7.696	88	273	9.712	ug/l #	60
58) 2-Chloroethyl Vinyl ether	8.293	63	128	Below Cal	#	47
76) 1,2,3-Trichloropropane	11.079	75	94316	29.452	ug/l #	37
78) n-propylbenzene	11.311	91	3270	0.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	94316	104.064	ug/l #	7
83) tert-Butylbenzene	11.713	119	2837	0.261	ug/l	78
85) sec-Butylbenzene	11.890	105	7345	0.561	ug/l	99
86) p-Isopropyltoluene	12.006	119	6747	0.615	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	1831	0.291	ug/l	90
88) 1,4-Dichlorobenzene	11.969	146	1831	0.282	ug/l	90
89) n-Butylbenzene	12.335	91	11160	1.102	ug/l	96
90) Hexachloroethane	12.542	117	1017	0.504	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1413	0.229	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.939	75	181	0.235	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	4622	1.229	ug/l	94
94) Hexachlorobutadiene	13.725	225	6717	5.138	ug/l	98
95) Naphthalene	13.774	128	10211	0.929	ug/l	96
96) 1,2,3-Trichlorobenzene	13.957	180	4518	1.279	ug/l	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
Data File : VX047572.D
Acq On : 02 Sep 2025 10:22
Operator : JC/MD
Sample : VX0902MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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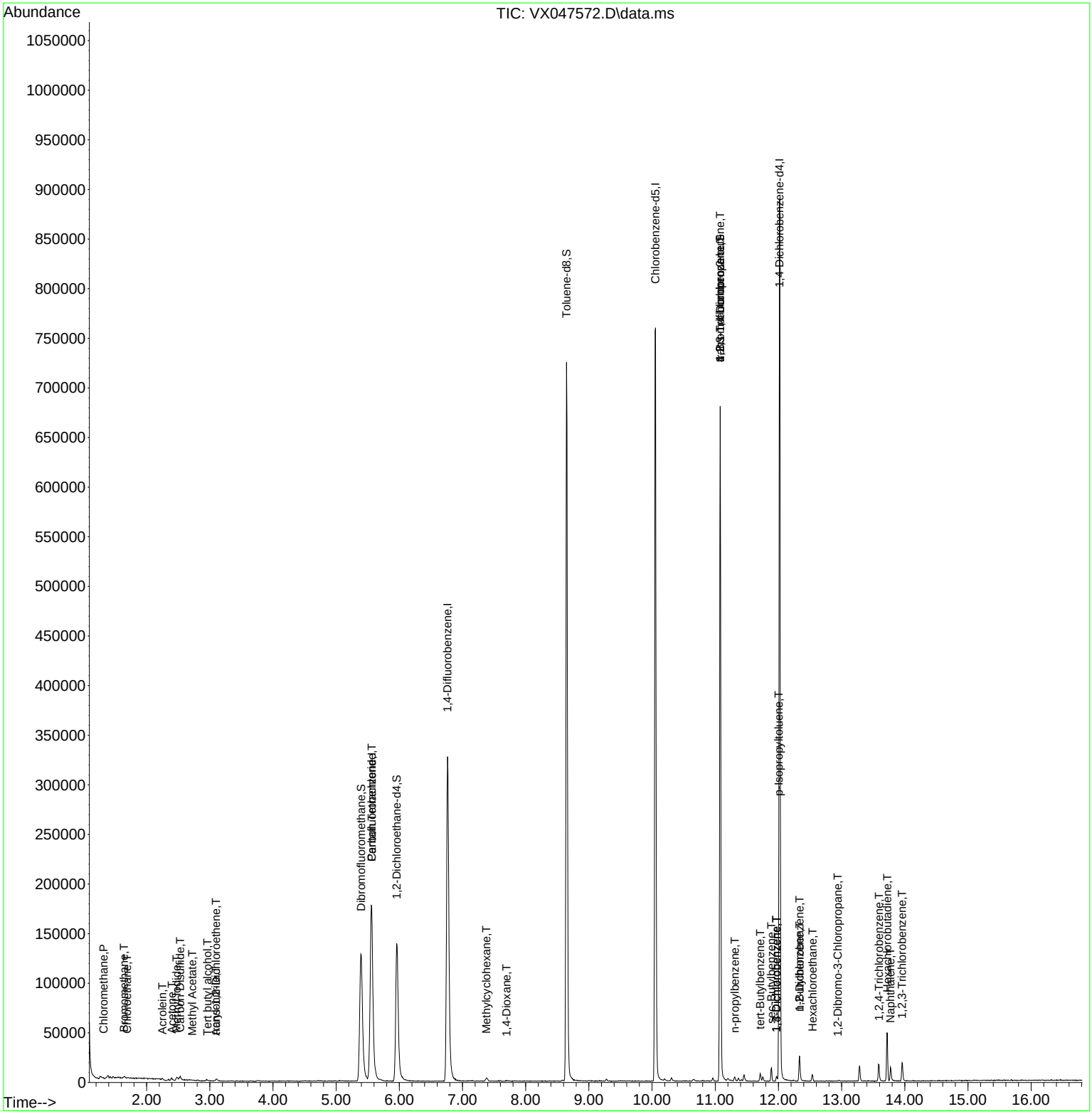
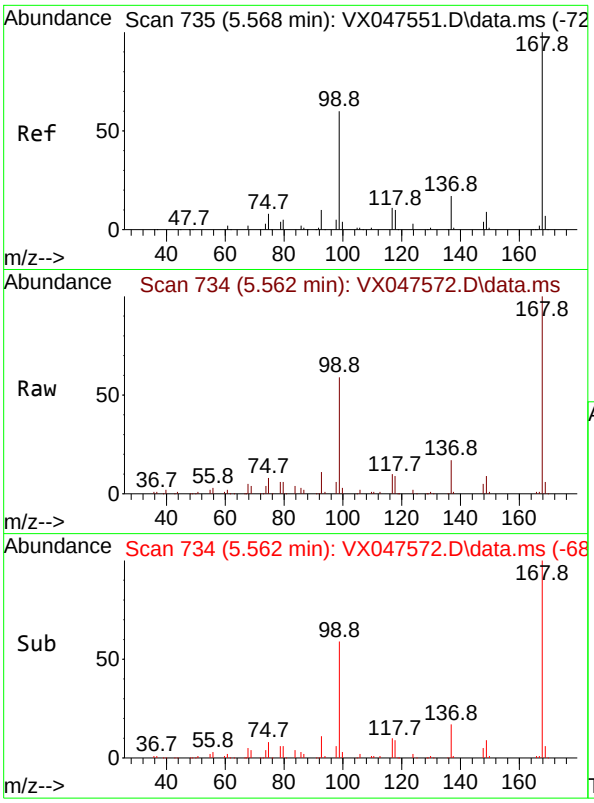
ClientSampleId :
VX0902MBL01

Quant Time: Sep 03 02:12:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



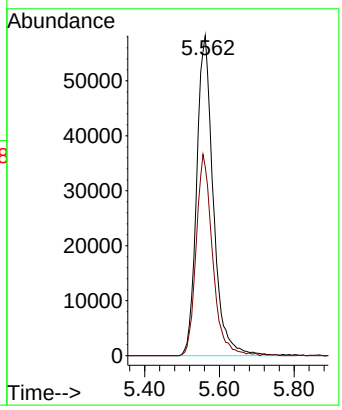


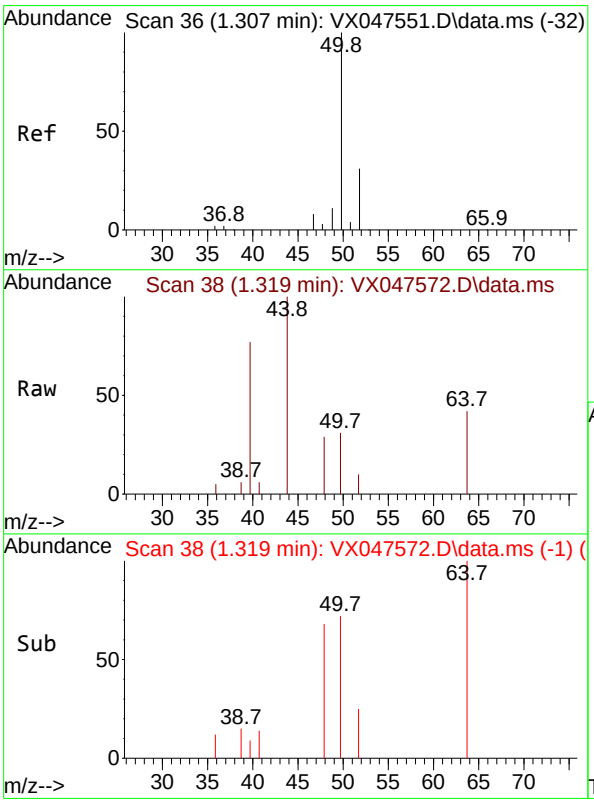
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:168 Resp: 179585

Ion	Ratio	Lower	Upper
168	100		
99	59.0	48.9	73.3

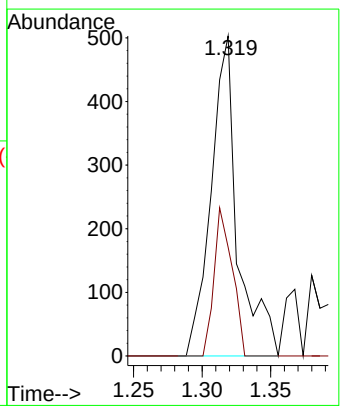


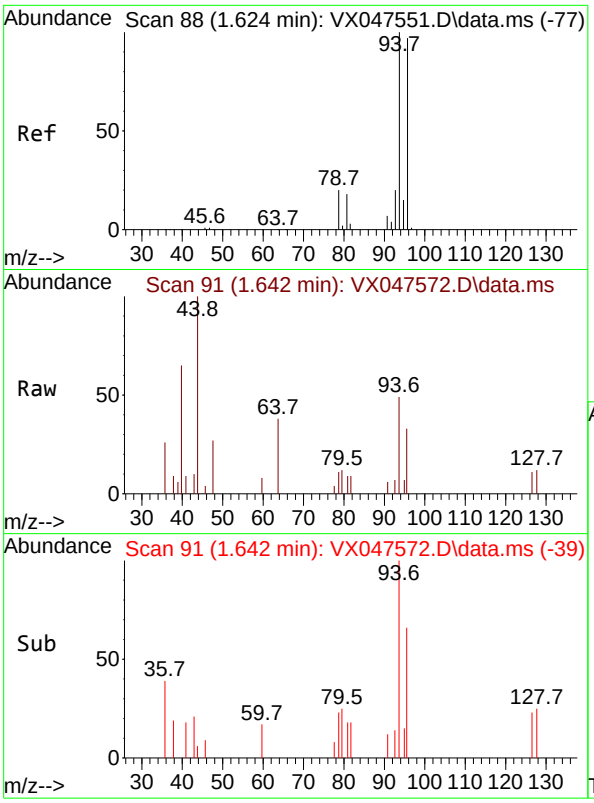


#3
Chloromethane
Concen: 0.315 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.012 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 50 Resp: 677

Ion	Ratio	Lower	Upper
50	100		
52	34.0	24.6	37.0



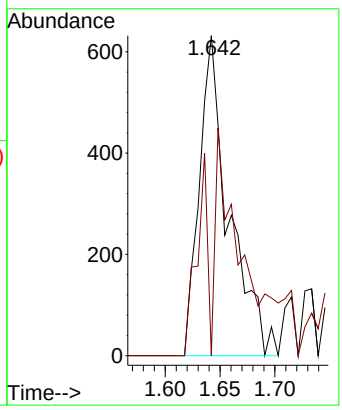


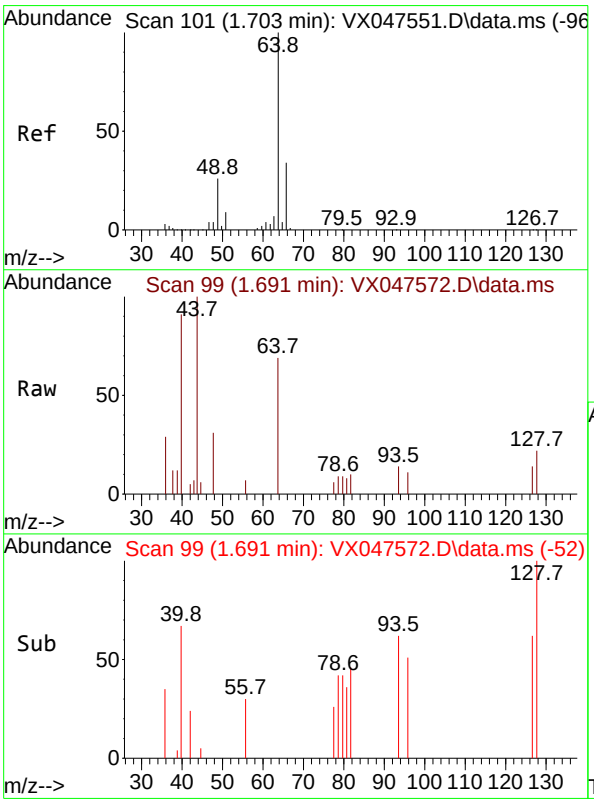
#5
Bromomethane
Concen: 1.082 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 94 Resp: 1182

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.7	116.5#

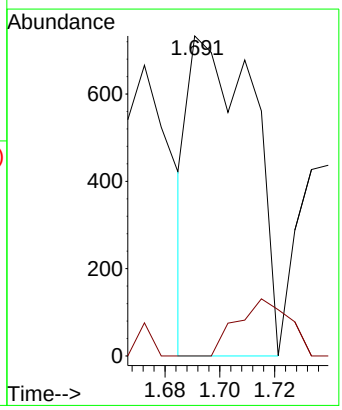


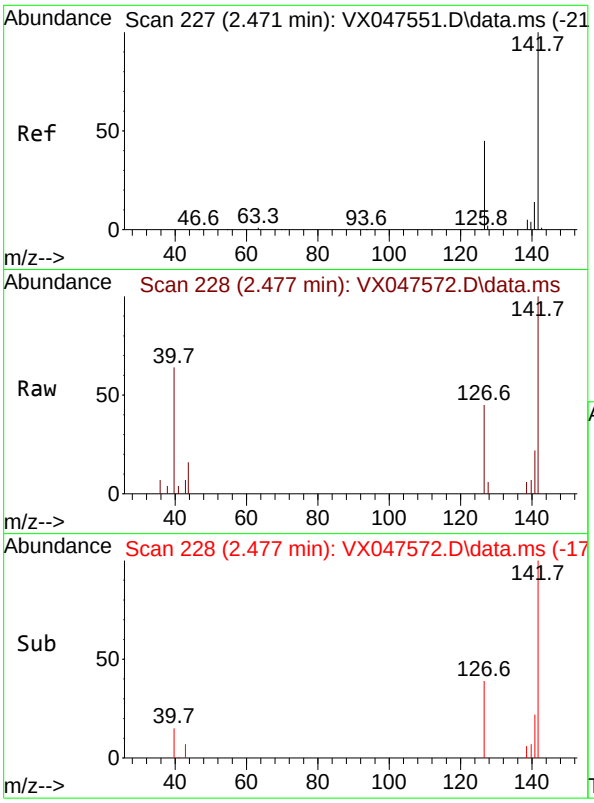


#6
Chloroethane
Concen: 0.736 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 64 Resp: 1180

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.4	41.2#



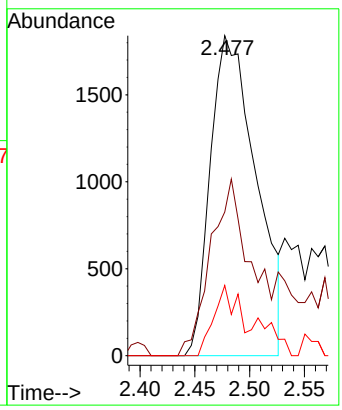


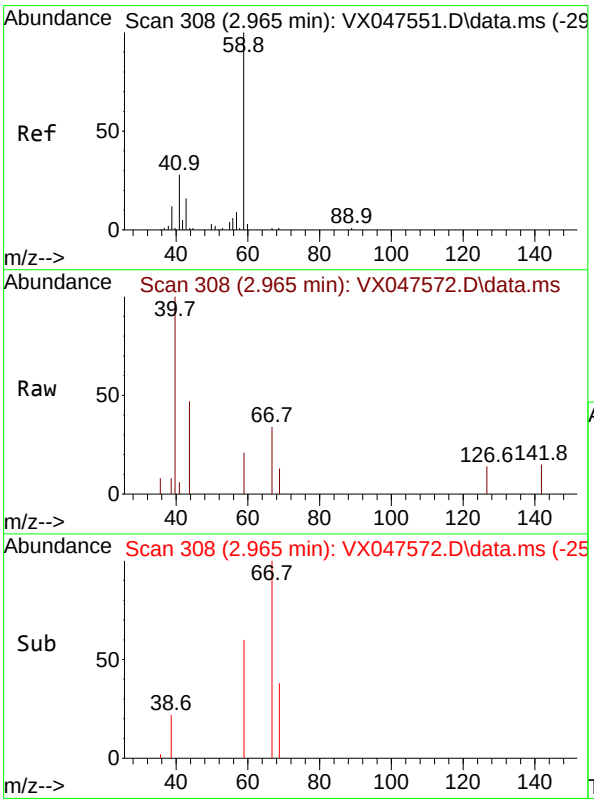
#10
Methyl Iodide
Concen: 1.511 ug/l
RT: 2.477 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:142 Resp: 5351

Ion	Ratio	Lower	Upper
142	100		
127	49.1	37.6	56.4
141	12.7	10.6	16.0

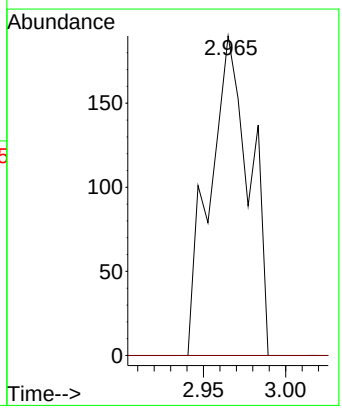


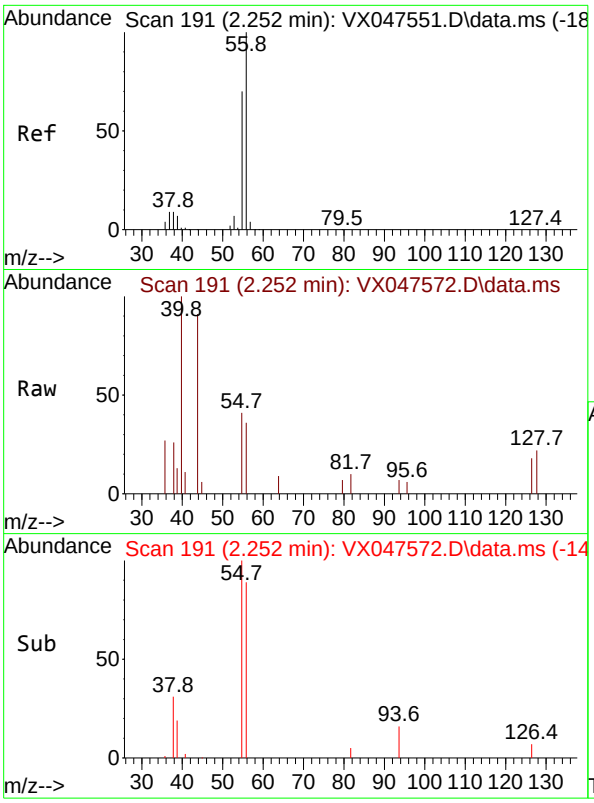


#11
Tert butyl alcohol
Concen: 1.274 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 59 Resp: 323

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



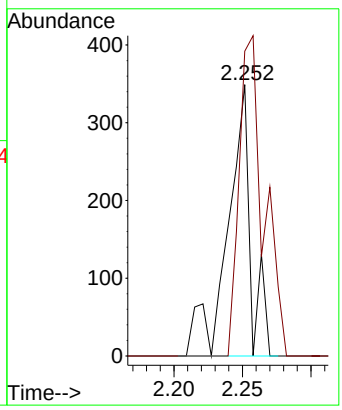


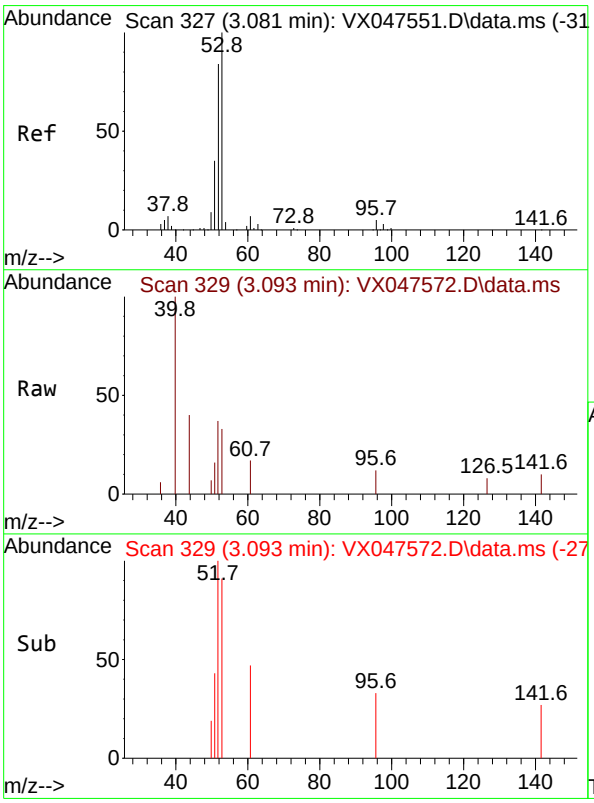
#13
Acrolein
Concen: 0.801 ug/l
RT: 2.252 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 56 Resp: 407

Ion	Ratio	Lower	Upper
56	100		
55	125.6	57.0	85.6#

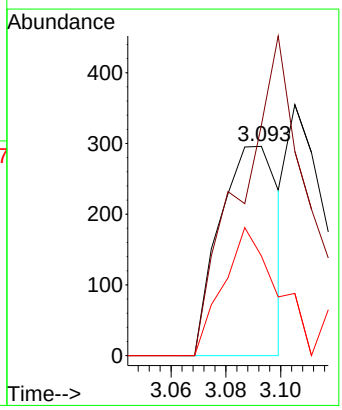


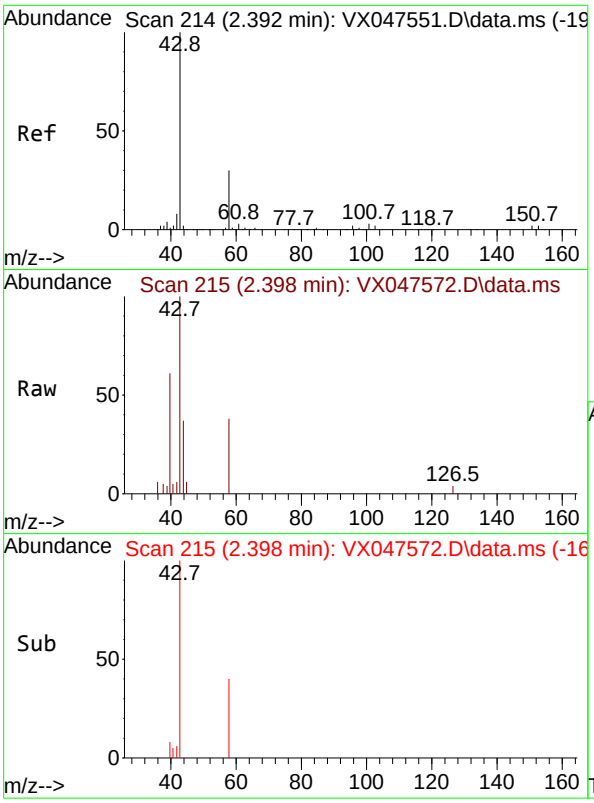


#15
Acrylonitrile
Concen: 0.389 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 53 Resp: 441

Ion	Ratio	Lower	Upper
53	100		
52	187.1	66.2	99.4#
51	56.0	29.4	44.0#



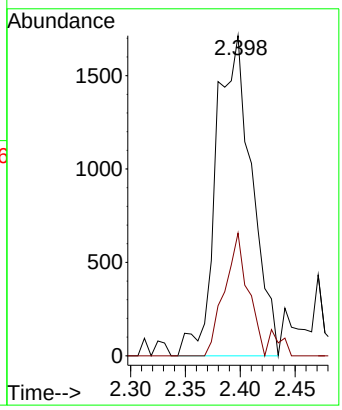


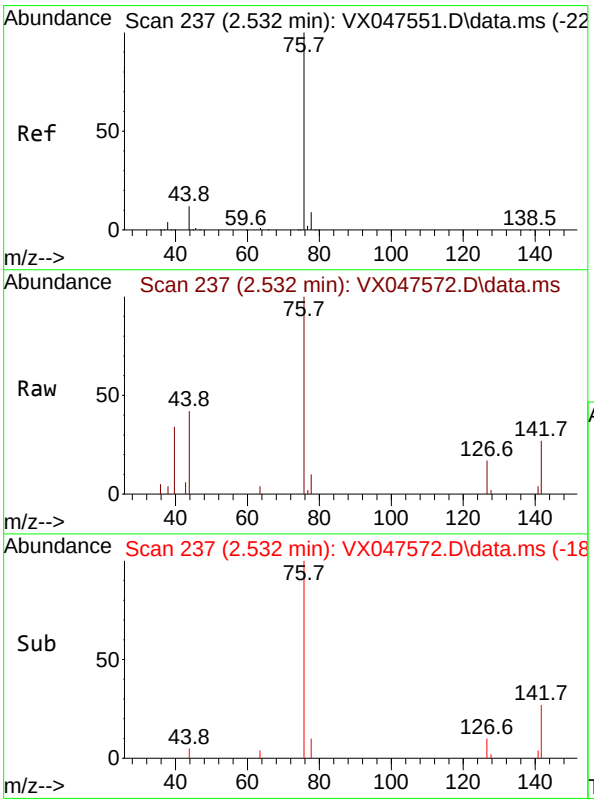
#16
Acetone
Concen: 3.552 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 43 Resp: 3879

Ion	Ratio	Lower	Upper
43	100		
58	38.3	24.2	36.2#

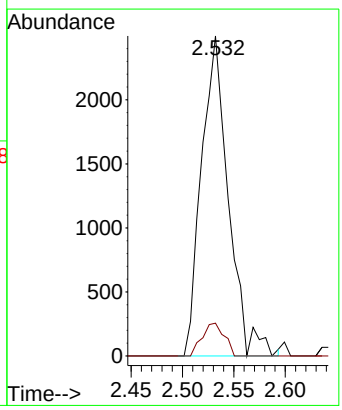


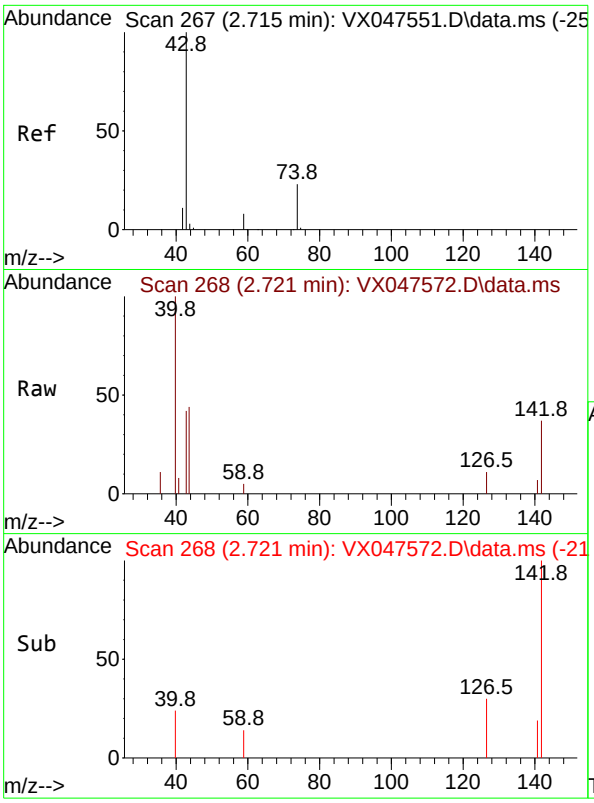


#17
Carbon Disulfide
Concen: 0.677 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 76 Resp: 4563

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.4	11.0



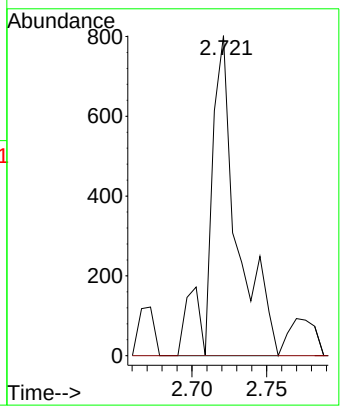


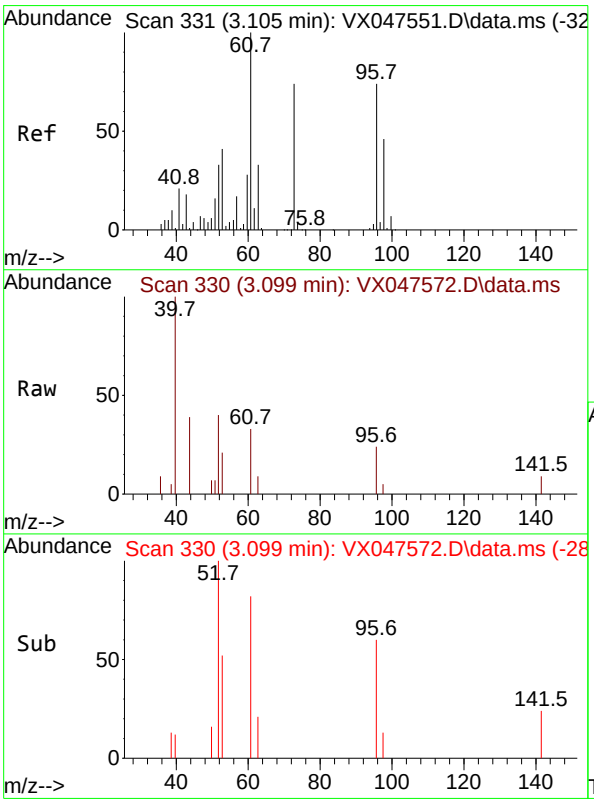
#18
Methyl Acetate
Concen: 0.377 ug/l
RT: 2.721 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 43 Resp: 1014

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#

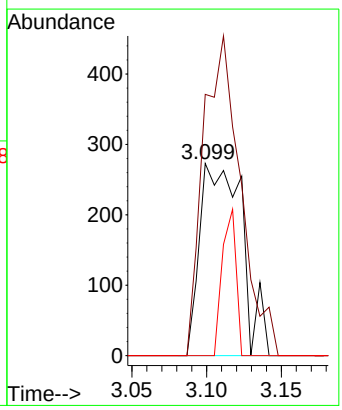


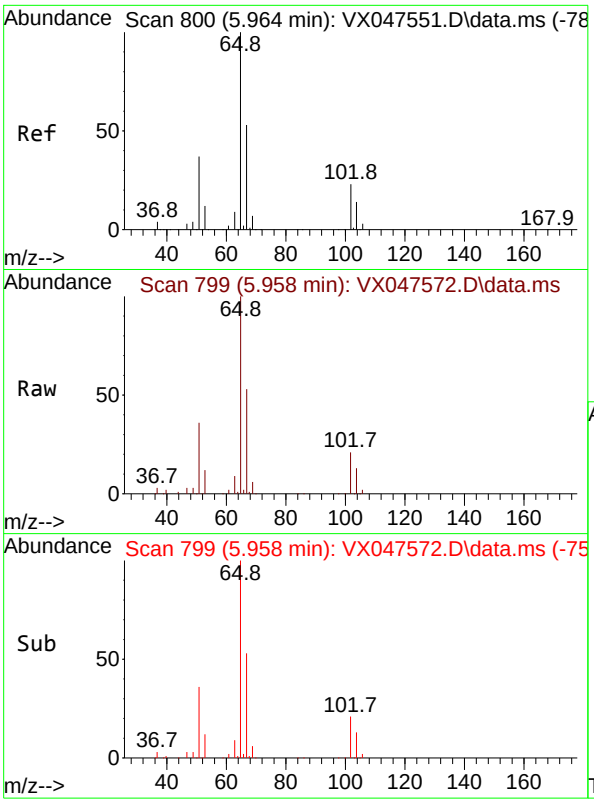


#21
trans-1,2-Dichloroethene
Concen: 0.223 ug/l
RT: 3.099 min Scan# 330
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 96 Resp: 537

Ion	Ratio	Lower	Upper
96	100		
61	135.9	108.0	162.0
98	0.0	51.6	77.4#



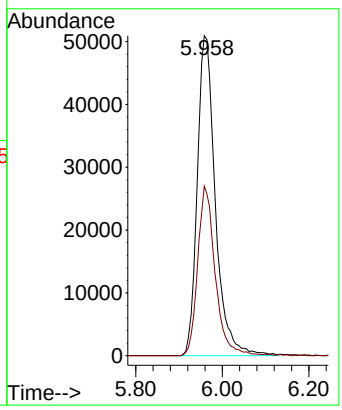


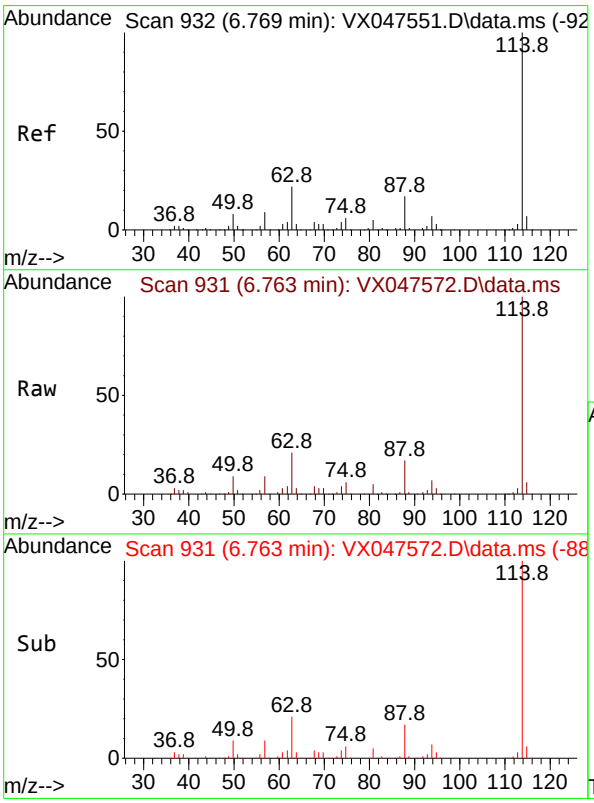
#33
1,2-Dichloroethane-d4
Concen: 53.566 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 65 Resp: 147723

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.8

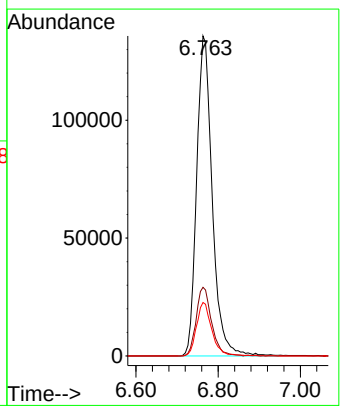


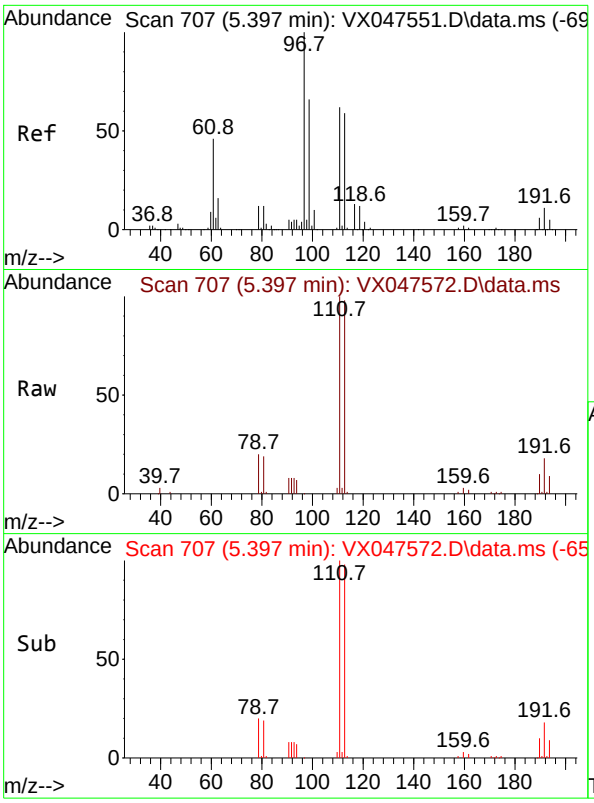


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:114 Resp: 357090

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.6
88	16.7	0.0	33.2



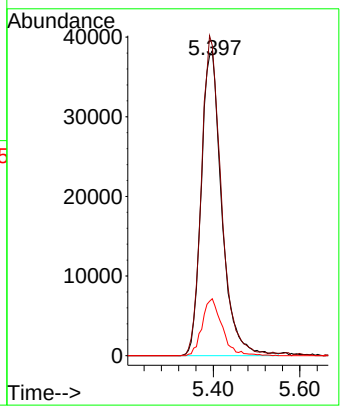


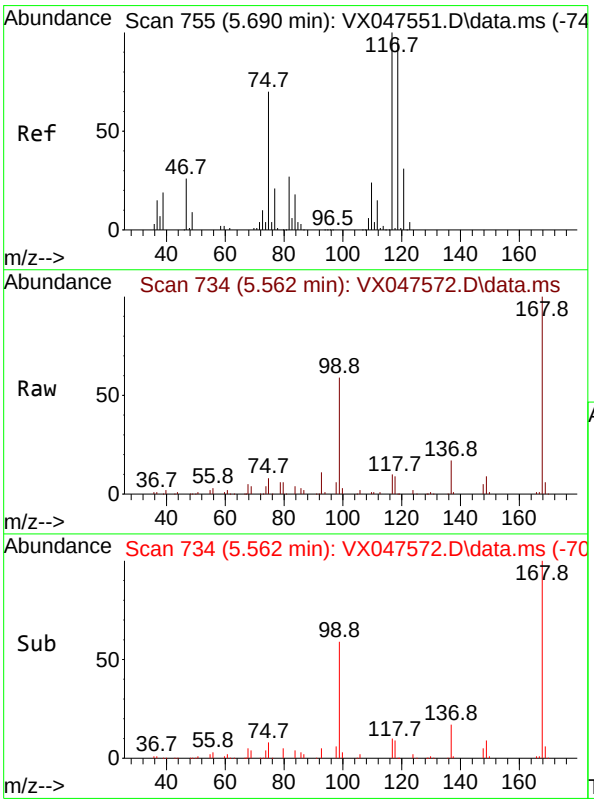
#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:113 Resp: 125503

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	18.3	14.2	21.4

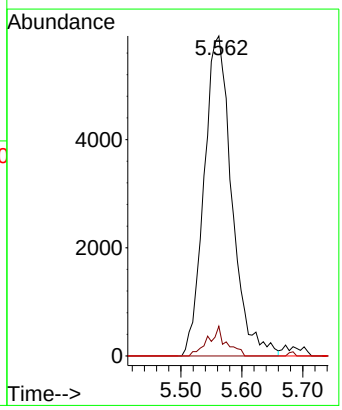


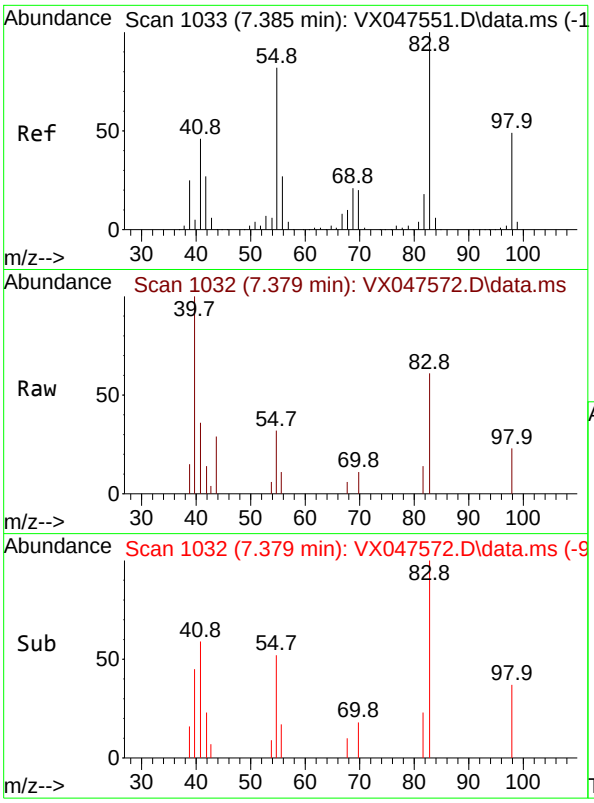


#38
Carbon Tetrachloride
Concen: 4.849 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:117 Resp: 18767

Ion	Ratio	Lower	Upper
117	100		
119	9.3	76.4	114.6#
121	0.0	24.9	37.3#



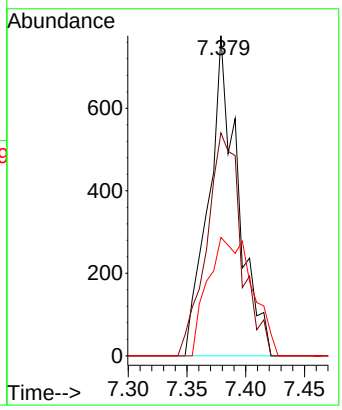


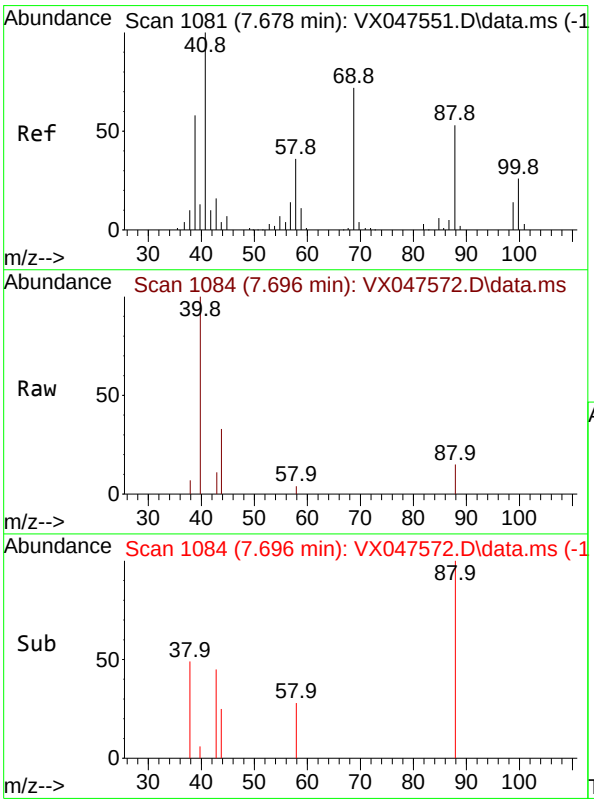
#39
Methylcyclohexane
Concen: 0.333 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 83 Resp: 1341

Ion	Ratio	Lower	Upper
83	100		
55	69.6	65.4	98.2
98	37.0	39.0	58.4#

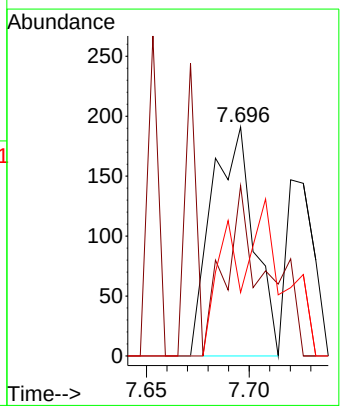


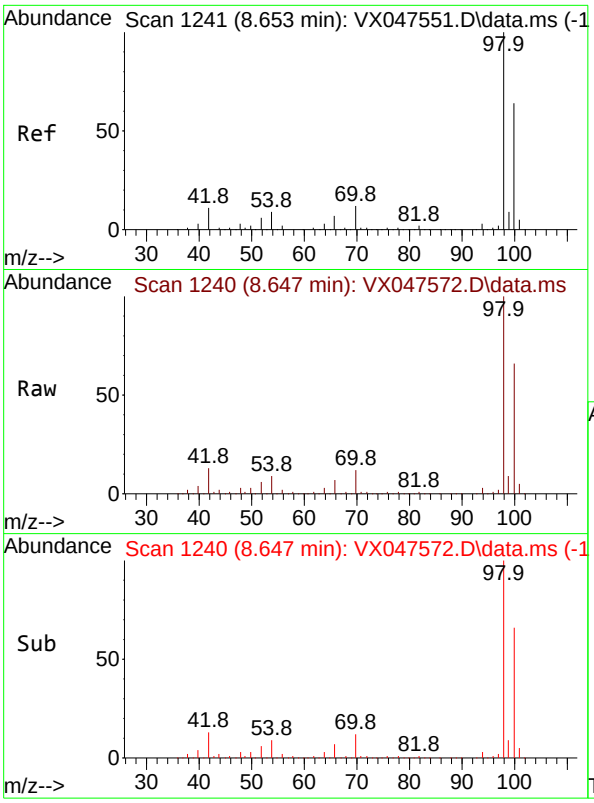


#49
1,4-Dioxane
Concen: 9.712 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.018 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 88 Resp: 273

Ion	Ratio	Lower	Upper
88	100		
43	54.9	31.9	47.9#
58	31.5	57.5	86.3#



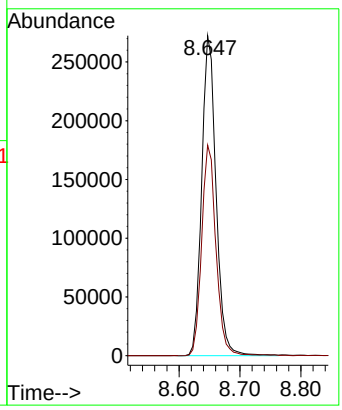


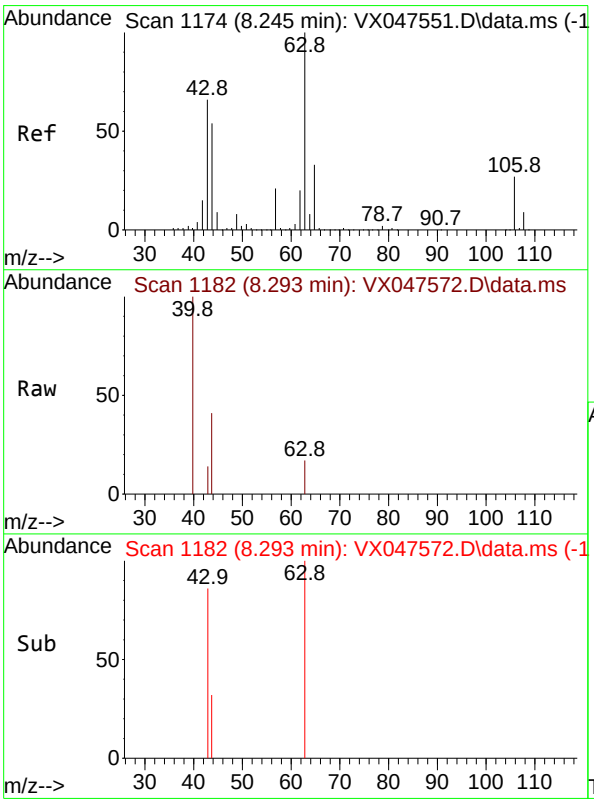
#50
Toluene-d8
Concen: 51.886 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 98 Resp: 445730

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3

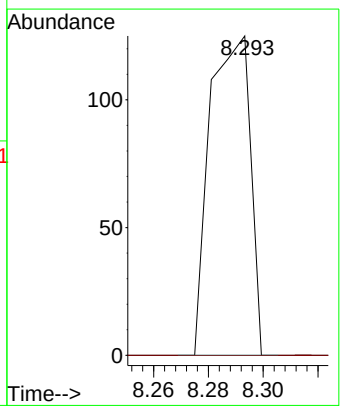


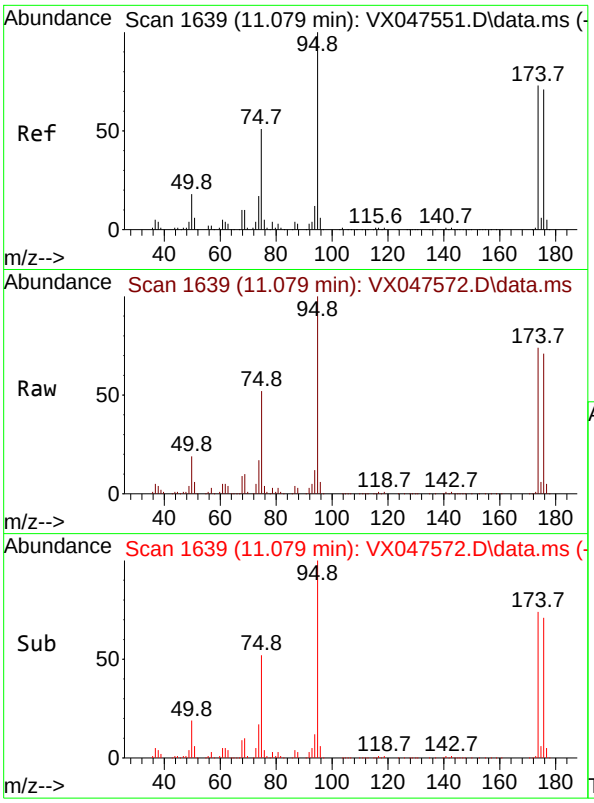


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.293 min Scan# 1182
Delta R.T. 0.048 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 63 Resp: 128

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.2	33.4#



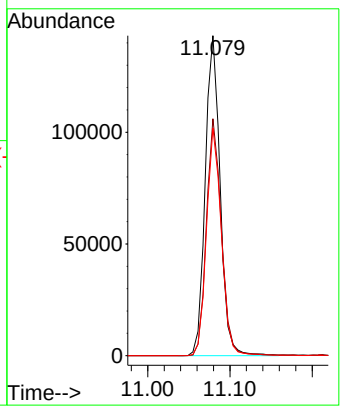


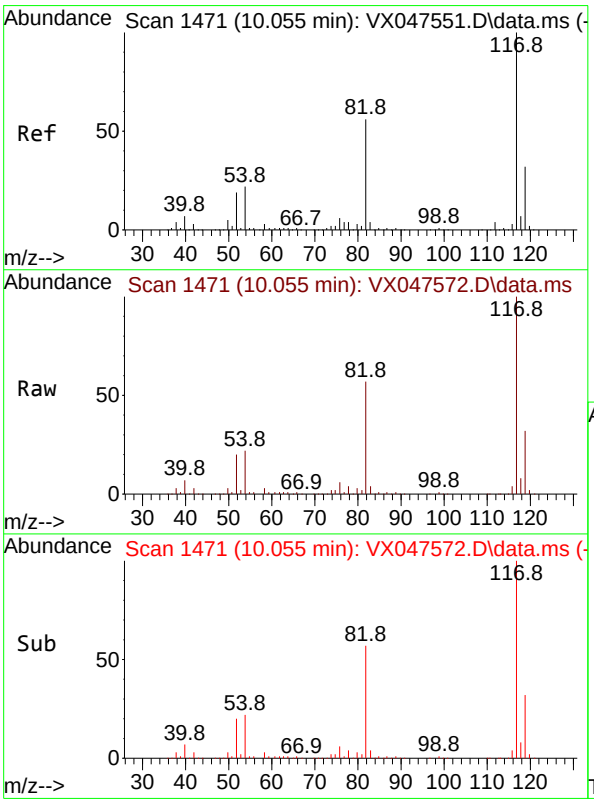
#62
4-Bromofluorobenzene
Concen: 55.800 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 95 Resp: 180082

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	145.2
176	71.4	0.0	140.4

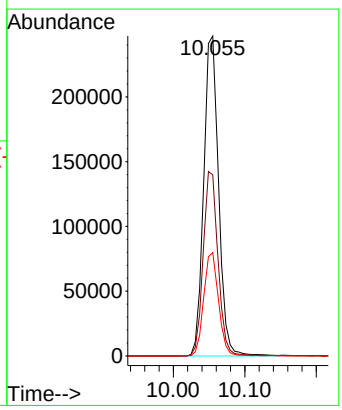


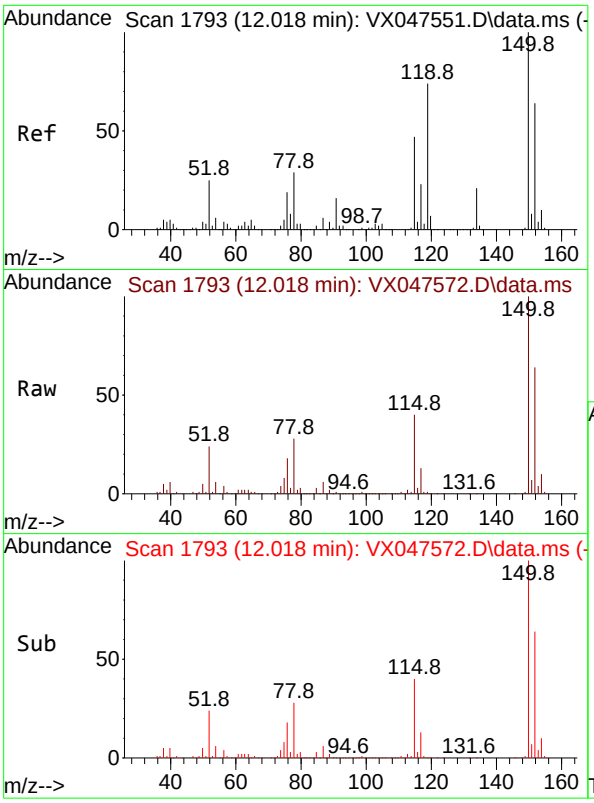


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:117 Resp: 358182

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.3	25.7	38.5



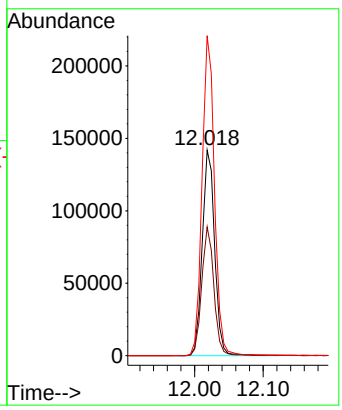


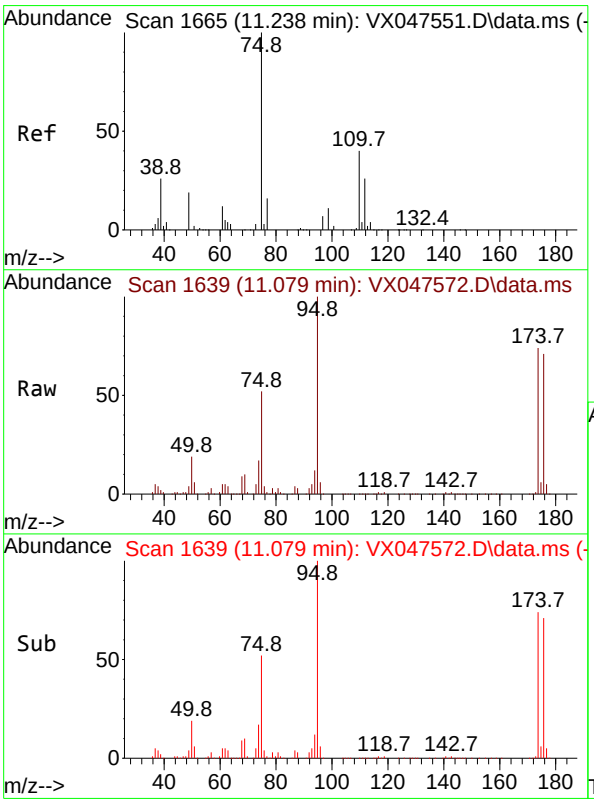
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:152 Resp: 179432

Ion	Ratio	Lower	Upper
152	100		
115	61.4	42.9	128.5
150	155.2	0.0	351.0

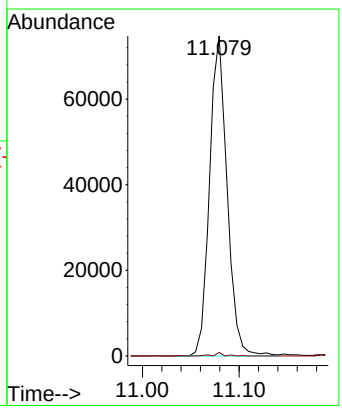


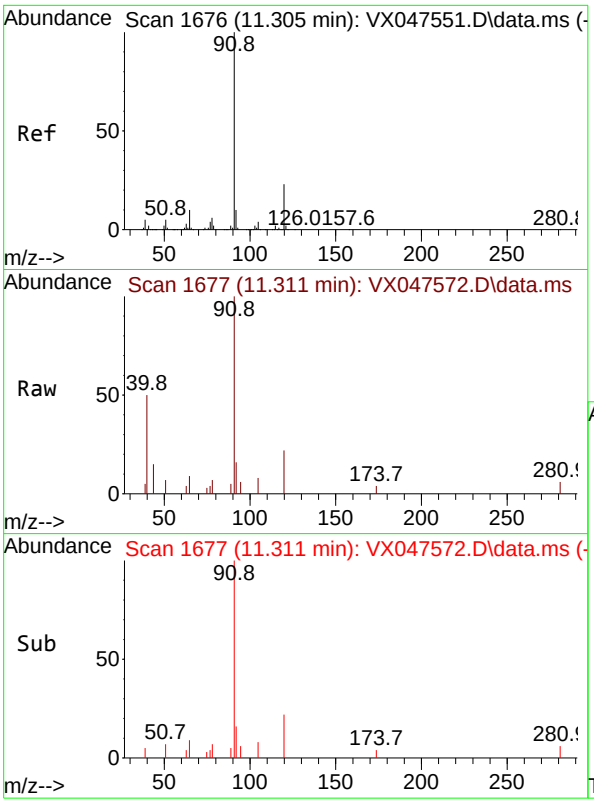


#76
1,2,3-Trichloropropane
Concen: 29.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 75 Resp: 94316

Ion	Ratio	Lower	Upper
75	100		
77	0.6	19.7	59.1#



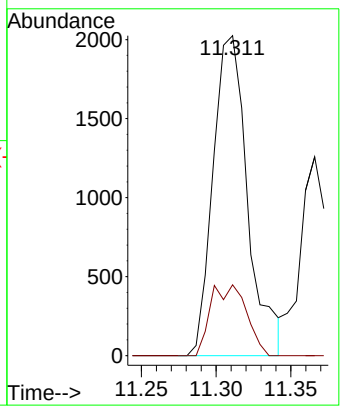


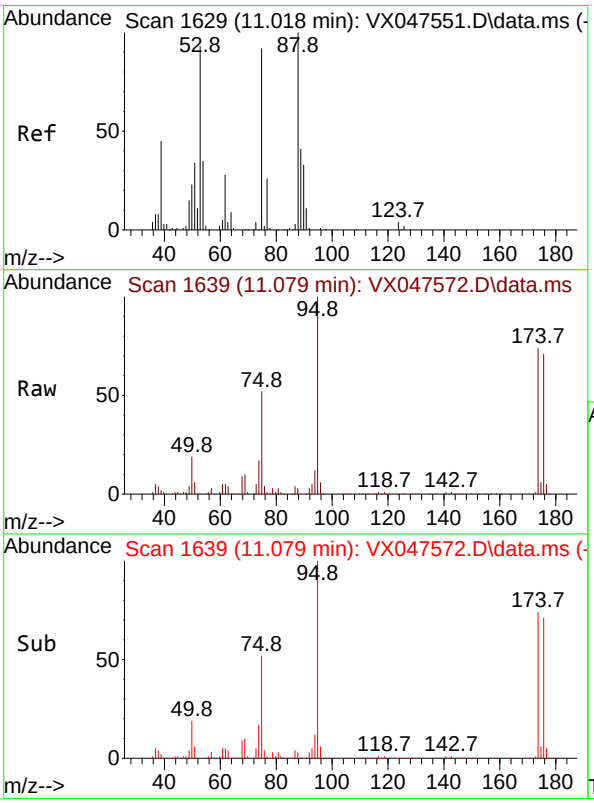
#78
n-propylbenzene
Concen: 0.208 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 91 Resp: 3270

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.6

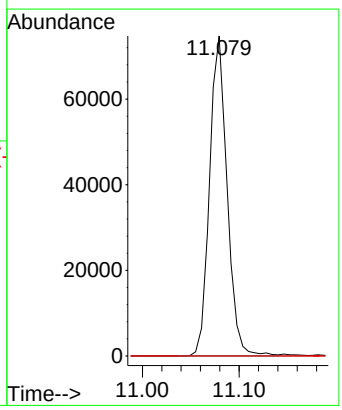


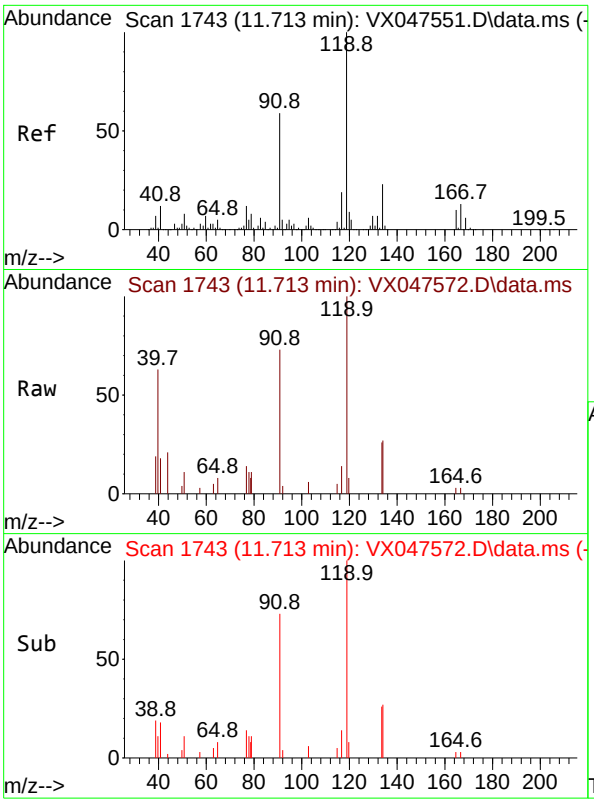


#81
trans-1,4-Dichloro-2-butene
Concen: 104.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 75 Resp: 94316

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.7	128.5#
89	0.0	36.4	54.6#



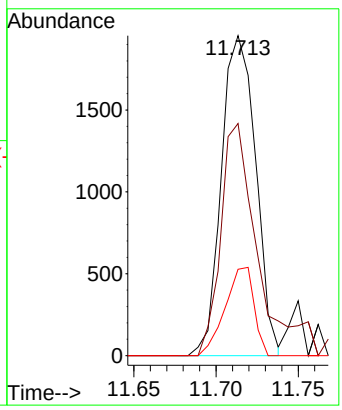


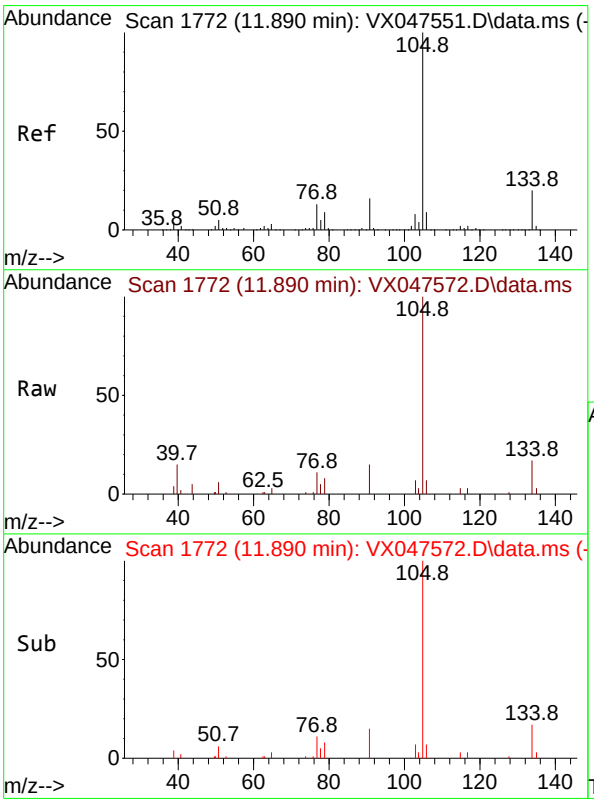
#83
tert-Butylbenzene
Concen: 0.261 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:119 Resp: 2837

Ion	Ratio	Lower	Upper
119	100		
91	79.1	28.5	85.5
134	23.2	11.3	33.9

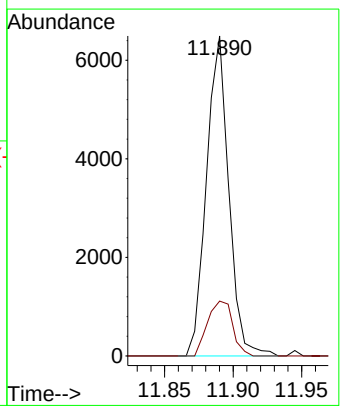


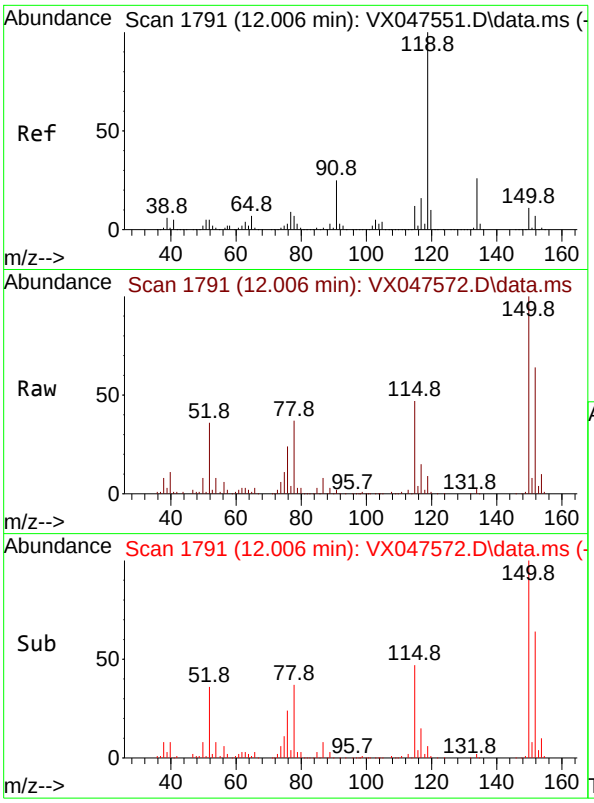


#85
sec-Butylbenzene
Concen: 0.561 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:105 Resp: 7345

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



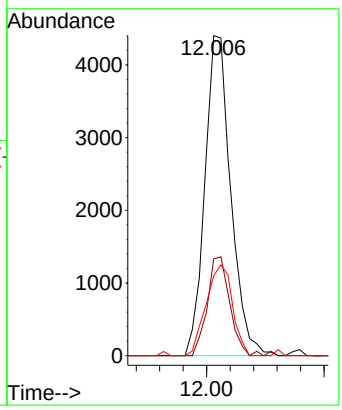


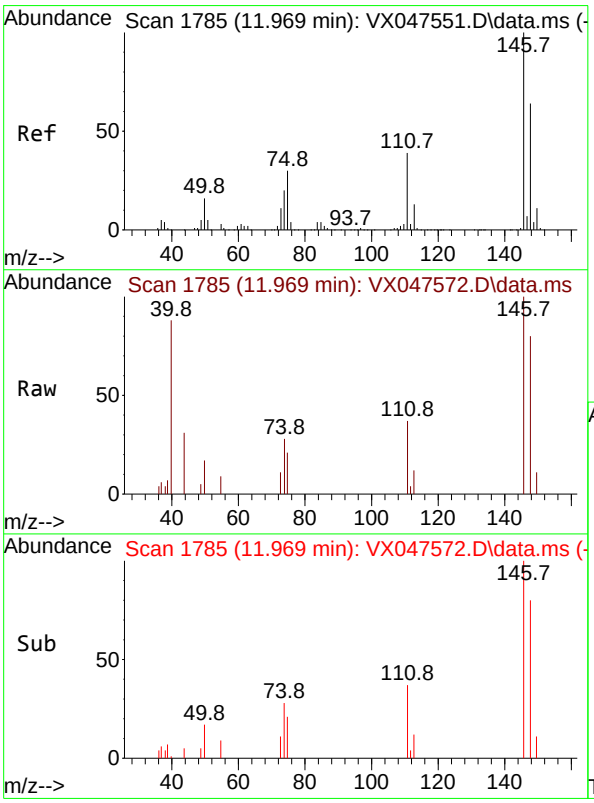
#86
p-Isopropyltoluene
Concen: 0.615 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:119 Resp: 6747

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.0	38.9
91	28.8	12.4	37.2

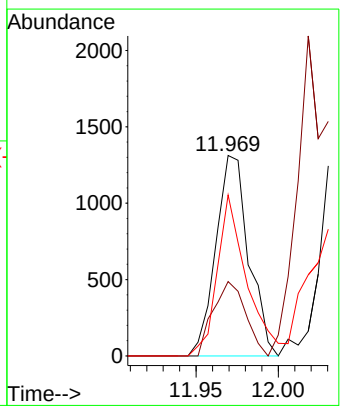


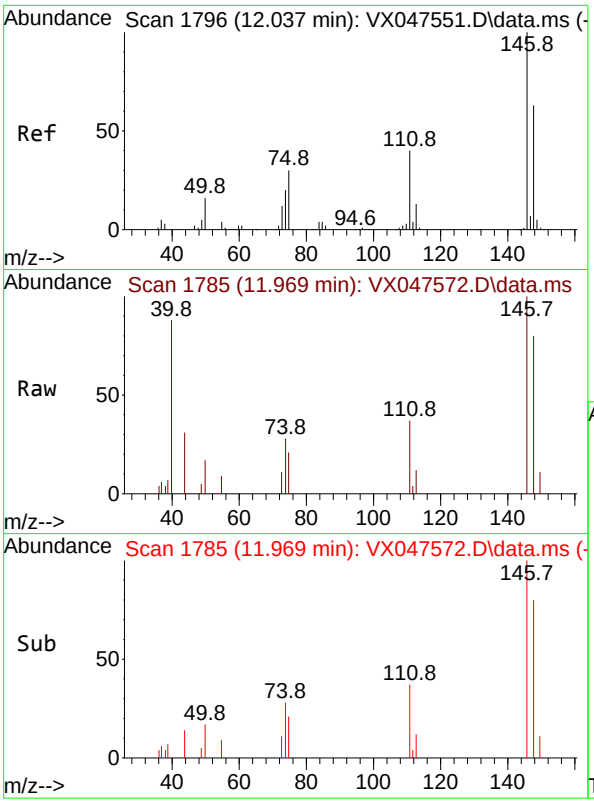


#87
1,3-Dichlorobenzene
Concen: 0.291 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:146 Resp: 1831

Ion	Ratio	Lower	Upper
146	100		
111	36.4	20.6	61.9
148	73.1	31.9	95.5



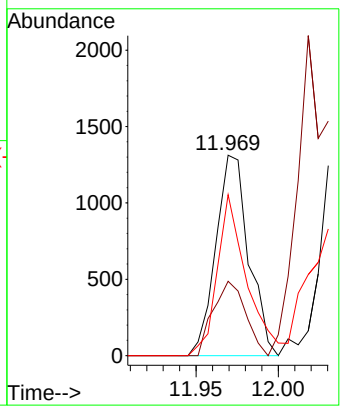


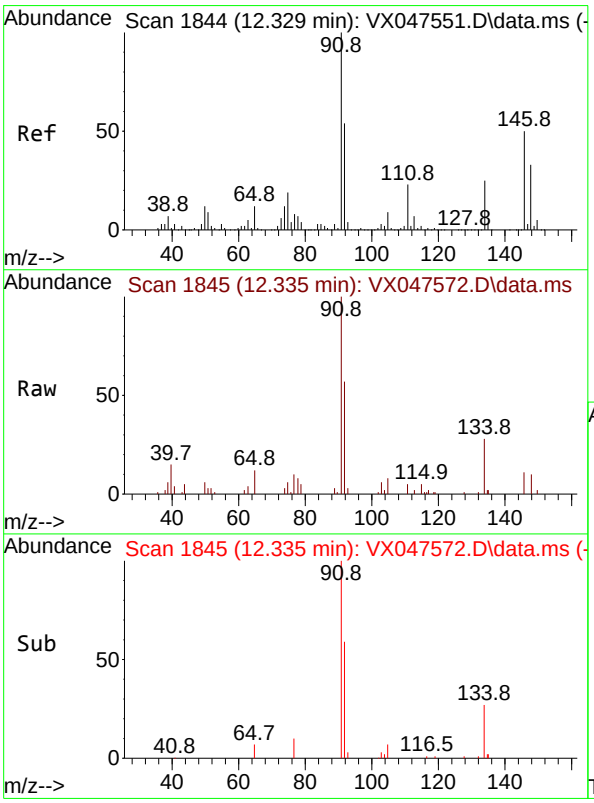
#88
1,4-Dichlorobenzene
Concen: 0.282 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:146 Resp: 1831

Ion	Ratio	Lower	Upper
146	100		
111	36.4	20.1	60.2
148	73.1	31.8	95.4

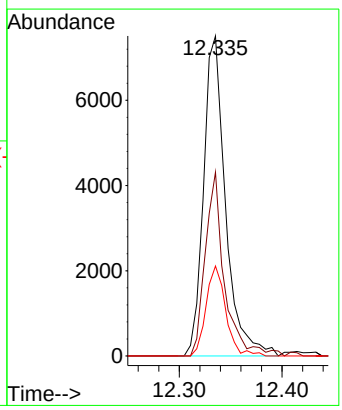


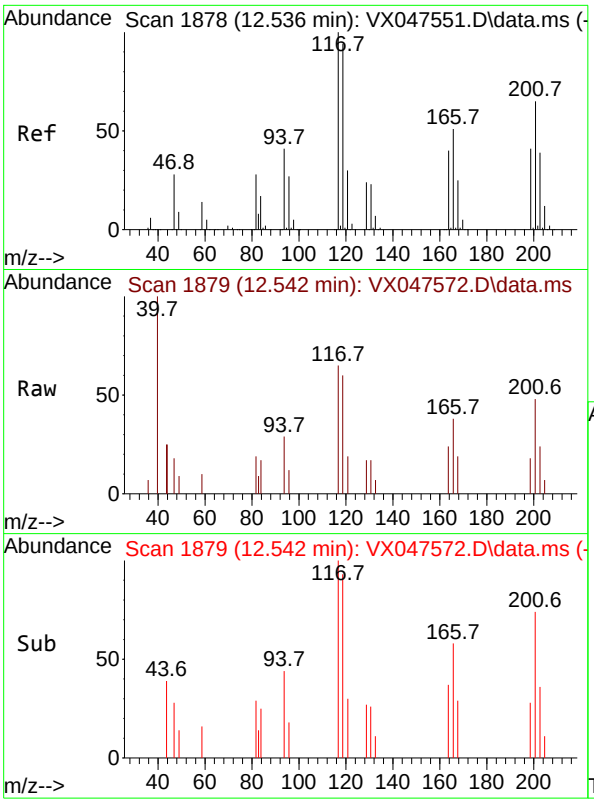


#89
n-Butylbenzene
Concen: 1.102 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 91 Resp: 11160

Ion	Ratio	Lower	Upper
91	100		
92	50.1	27.0	81.0
134	25.2	12.6	37.6



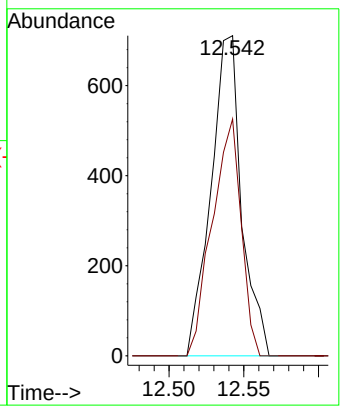


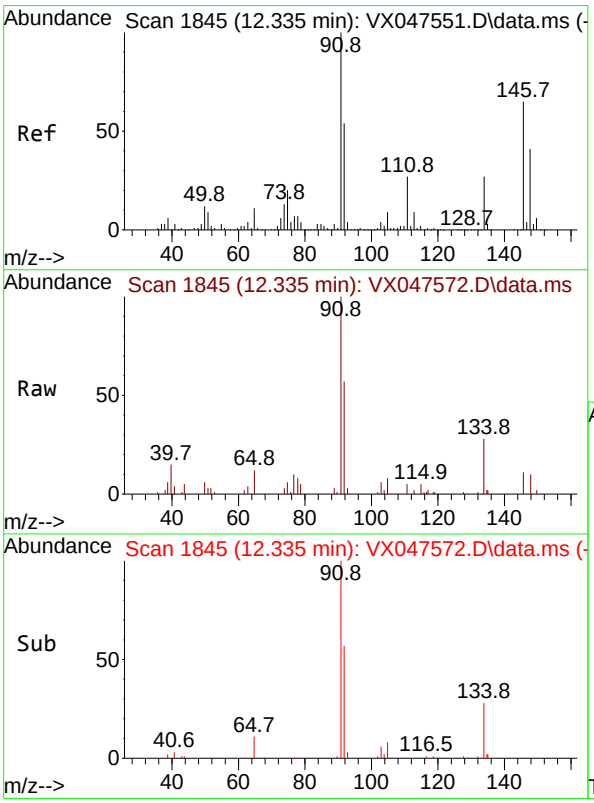
#90
Hexachloroethane
Concen: 0.504 ug/l
RT: 12.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:117 Resp: 1017

Ion	Ratio	Lower	Upper
117	100		
201	69.3	33.7	101.1

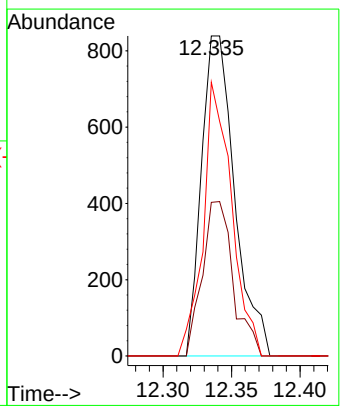


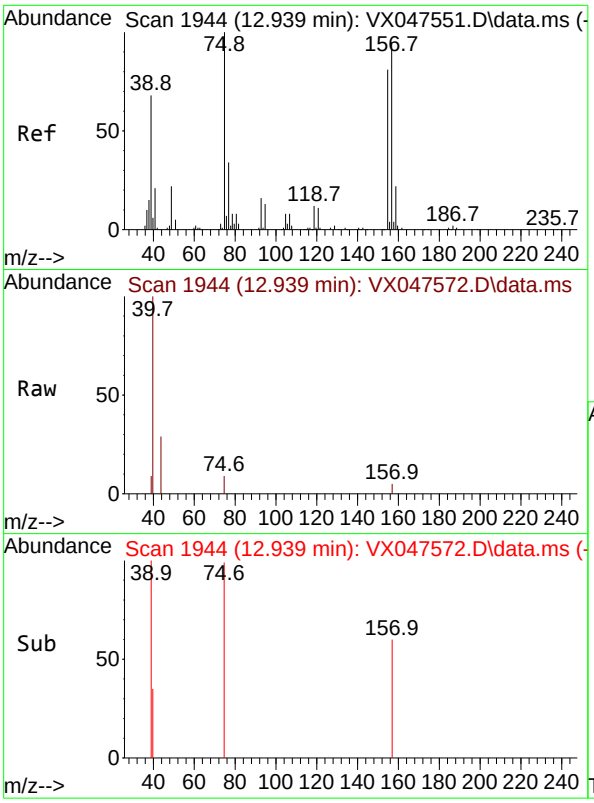


#91
1,2-Dichlorobenzene
Concen: 0.229 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:146 Resp: 1413

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.7	65.1
148	73.2	32.0	96.2



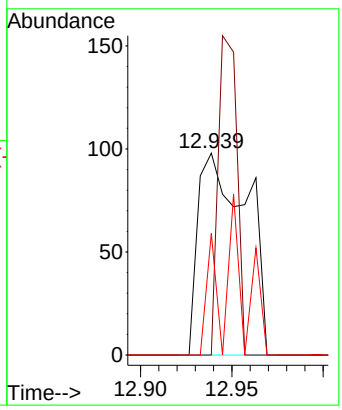


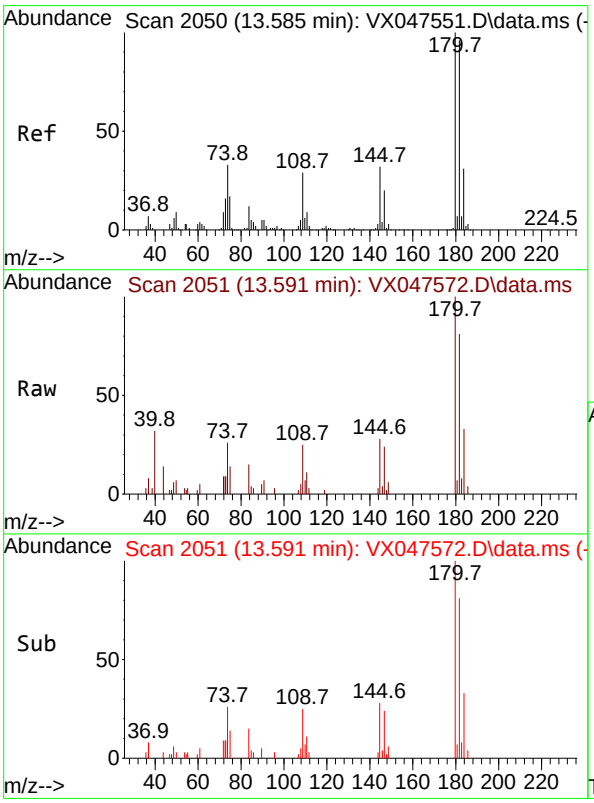
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.235 ug/l
RT: 12.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion: 75 Resp: 181

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.9	125.6#
157	12.2	51.8	155.4#

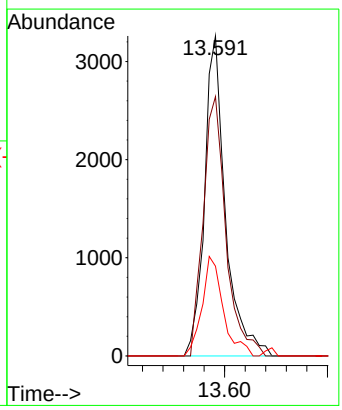


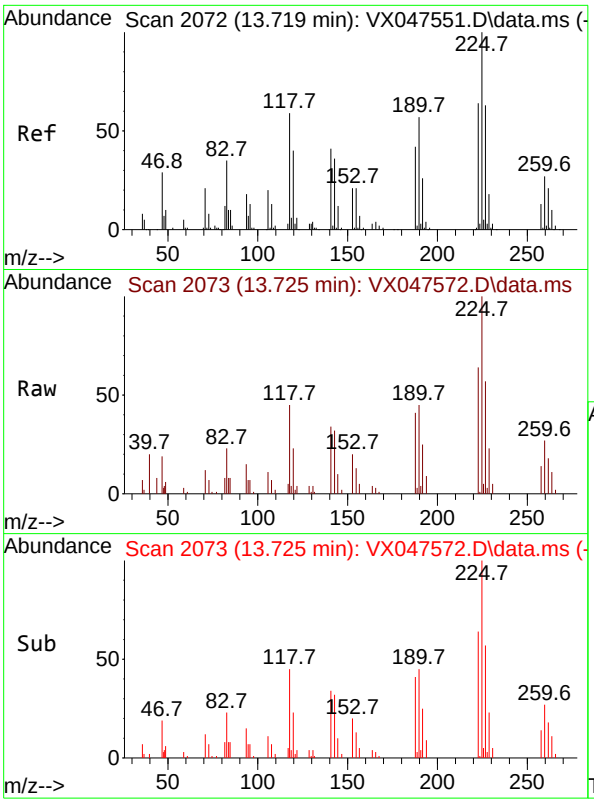


#93
1,2,4-Trichlorobenzene
Concen: 1.229 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:180 Resp: 4622

Ion	Ratio	Lower	Upper
180	100		
182	87.6	47.7	143.1
145	31.5	16.3	48.8



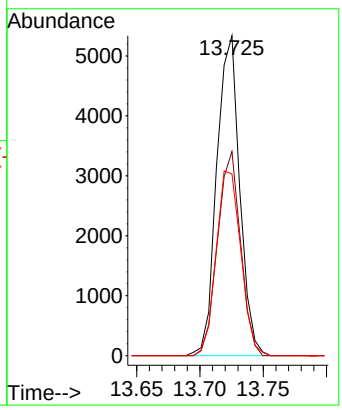


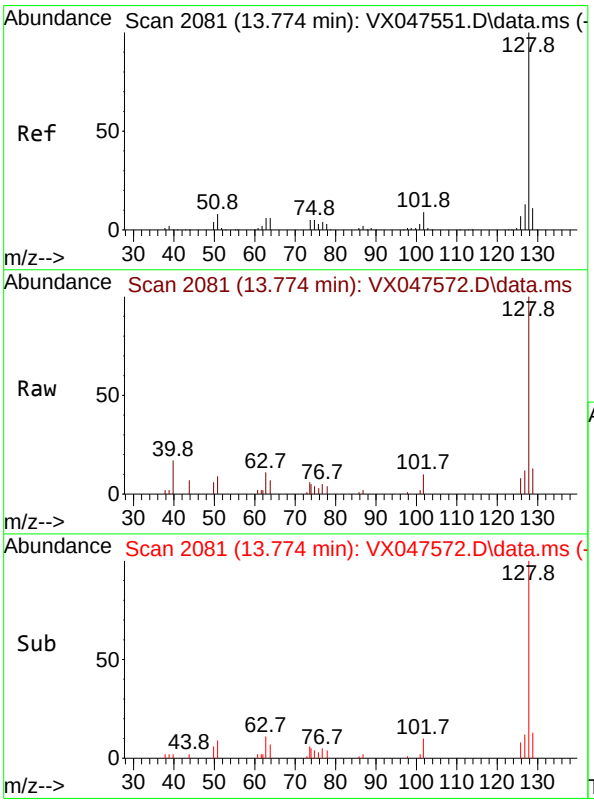
#94
Hexachlorobutadiene
Concen: 5.138 ug/l
RT: 13.725 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:225 Resp: 6717

Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.5
227	62.1	31.8	95.3

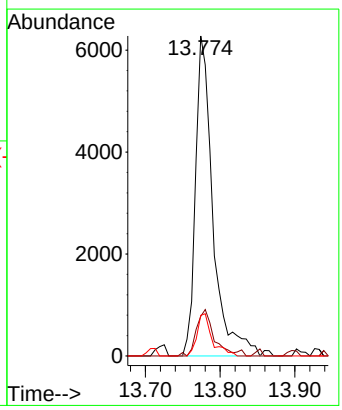


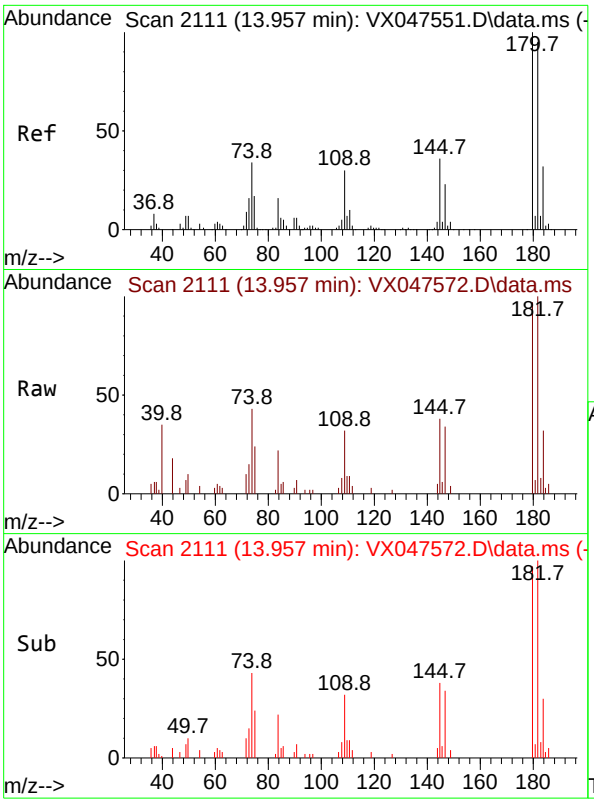


#95
Naphthalene
Concen: 0.929 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:128 Resp: 10211

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.0	15.0
129	11.4	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.279 ug/l
RT: 13.957 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:180 Resp: 4518

Ion	Ratio	Lower	Upper
180	100		
182	106.3	48.1	144.4
145	38.4	17.6	52.9