Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
Data File : VX047855.D
Acq On : 26 Sep 2025 14:04
Operator : JC/MD
Sample : Q3156-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Quant Time: Sep 26 23:15:01 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	5.544	168	131580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113512	54.197	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.400%			
35) Dibromofluoromethane	5.379	113	91157	49.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.900%			
50) Toluene-d8	8.635	98	311775	48.876	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.760%			
62) 4-Bromofluorobenzene	11.067	95	132783	54.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.700%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	335	0.301	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	2.337	101	1569	1.031	ug/l	96
10) Methyl Iodide	2.465	142	900	0.379	ug/l #	88
11) Tert butyl alcohol	2.941	59	1018	4.364	ug/l #	72
16) Acetone	2.380	43	675	0.741	ug/l #	63
18) Methyl Acetate	2.703	43	421	0.208	ug/l #	54
20) Methylene Chloride	2.788	84	997	0.517	ug/l #	79
27) cis-1,2-Dichloroethene	4.483	96	607	0.294	ug/l	48
31) Cyclohexane	5.544	56	3135	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11304	4.196	ug/l #	46
38) Carbon Tetrachloride	5.544	117	14023	4.791	ug/l #	17
44) Trichloroethene	7.117	130	62107	31.398	ug/l	91
51) 4-Methyl-2-Pentanone	8.635	43	1493	0.569	ug/l #	1
60) Dibromochloromethane	9.263	129	1756	0.784	ug/l #	11
64) Tetrachloroethene	9.263	164	1820	0.985	ug/l	85
76) 1,2,3-Trichloropropane	11.061	75	68994	23.580	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	68994	60.133	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.573	180	842	0.271	ug/l	75
94) Hexachlorobutadiene	13.707	225	499	0.472	ug/l	97

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

Quantitation Report (Not Reviewed)

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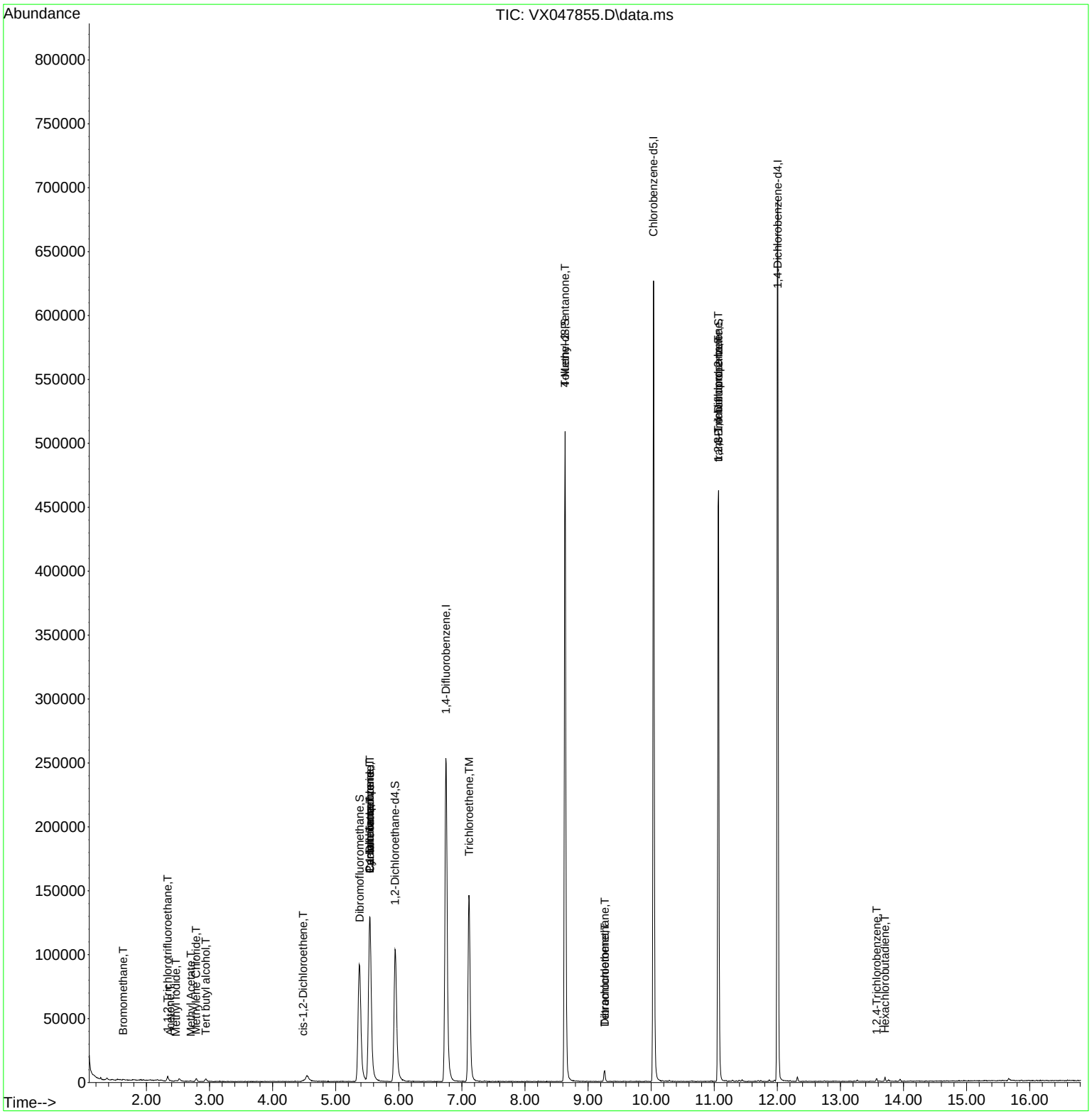
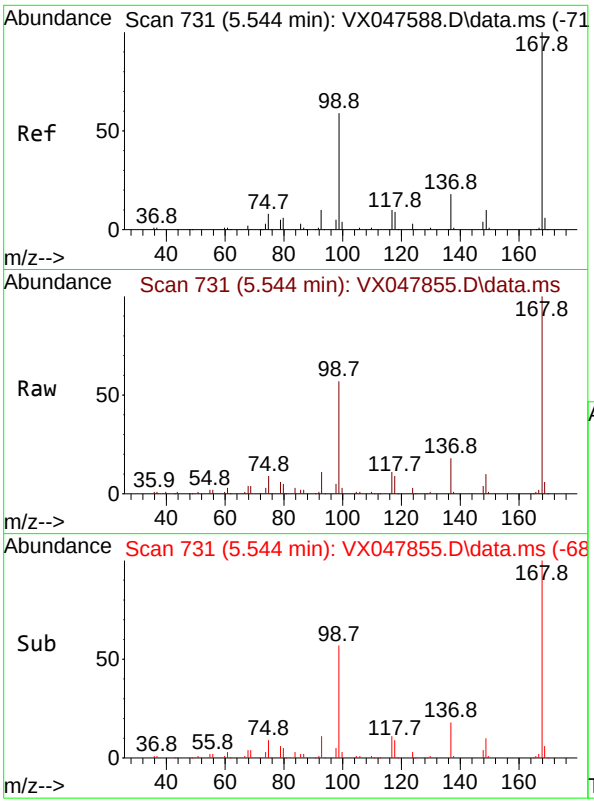


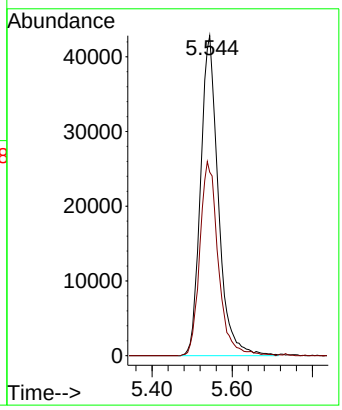


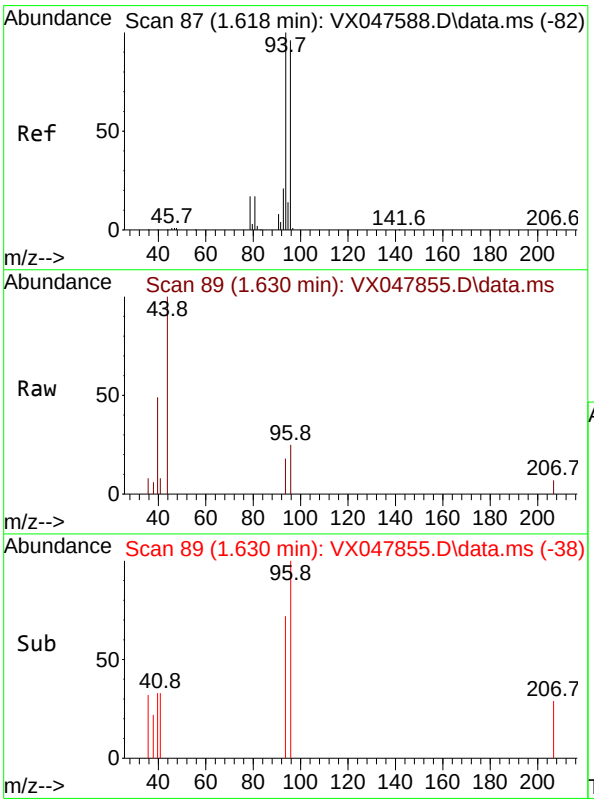
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:168 Resp: 131580

Ion	Ratio	Lower	Upper
168	100		
99	57.4	48.8	73.2

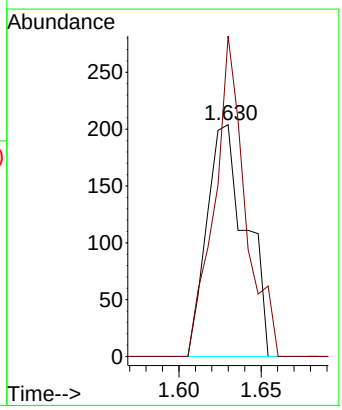


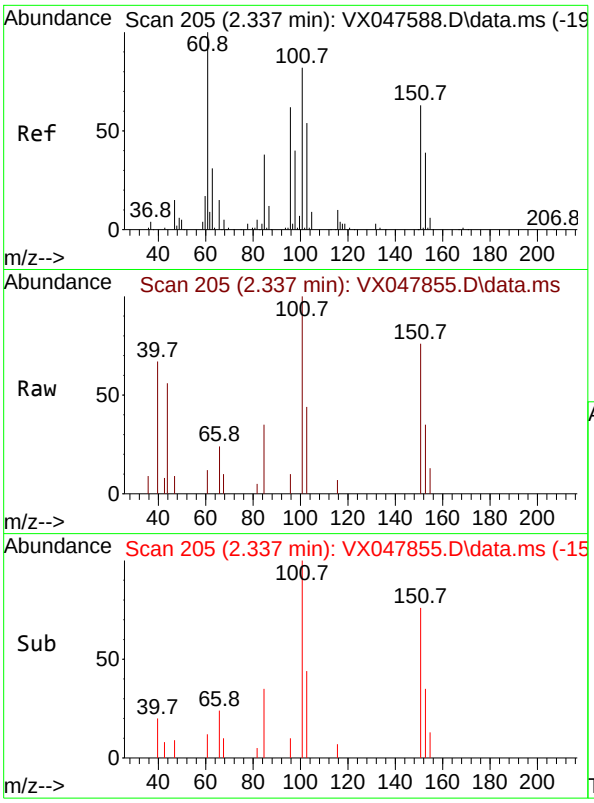


#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 94 Resp: 335

Ion	Ratio	Lower	Upper
94	100		
96	138.2	76.6	115.0#



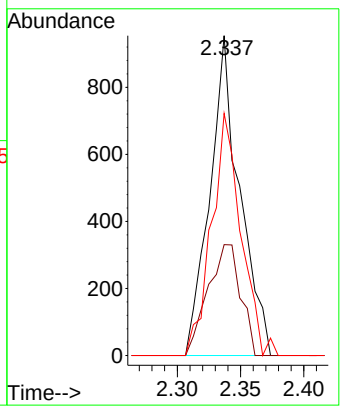


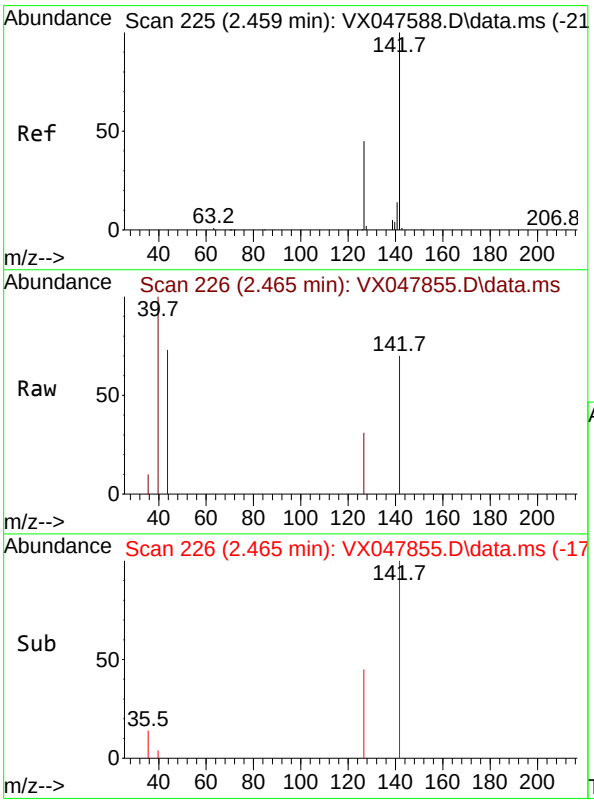
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.031 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:101 Resp: 1569

Ion	Ratio	Lower	Upper
101	100		
85	37.9	35.5	53.3
151	74.3	59.4	89.0

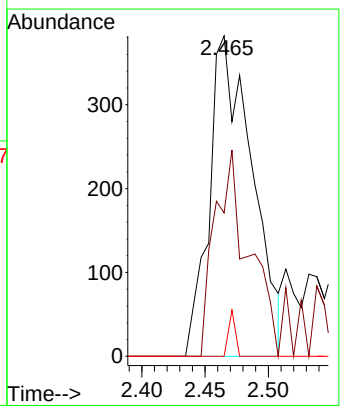


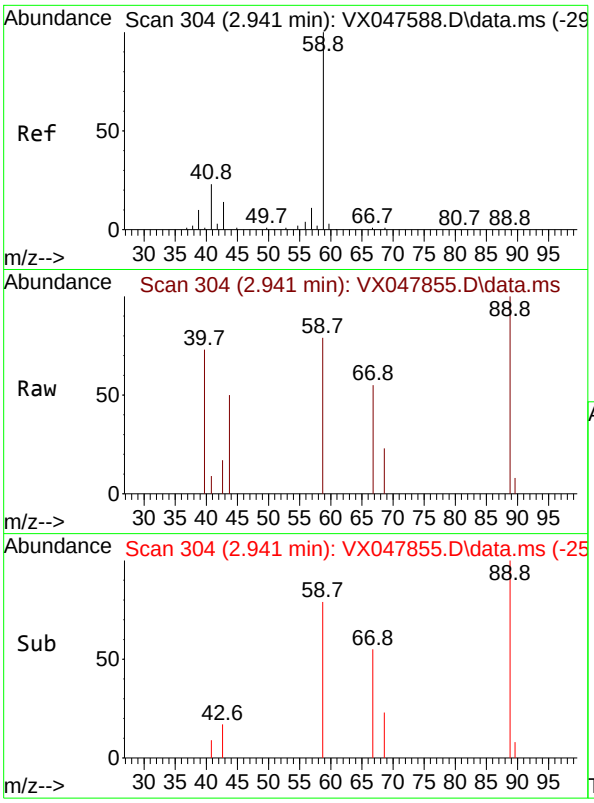


#10
Methyl Iodide
Concen: 0.379 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion:142 Resp: 900

Ion	Ratio	Lower	Upper
142	100		
127	51.1	37.2	55.8
141	2.2	11.4	17.0#



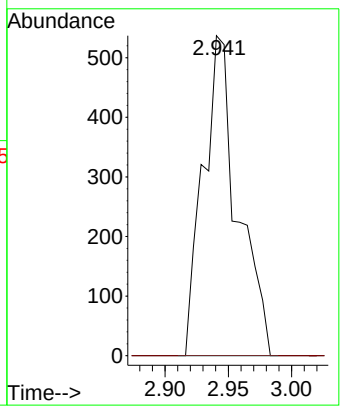


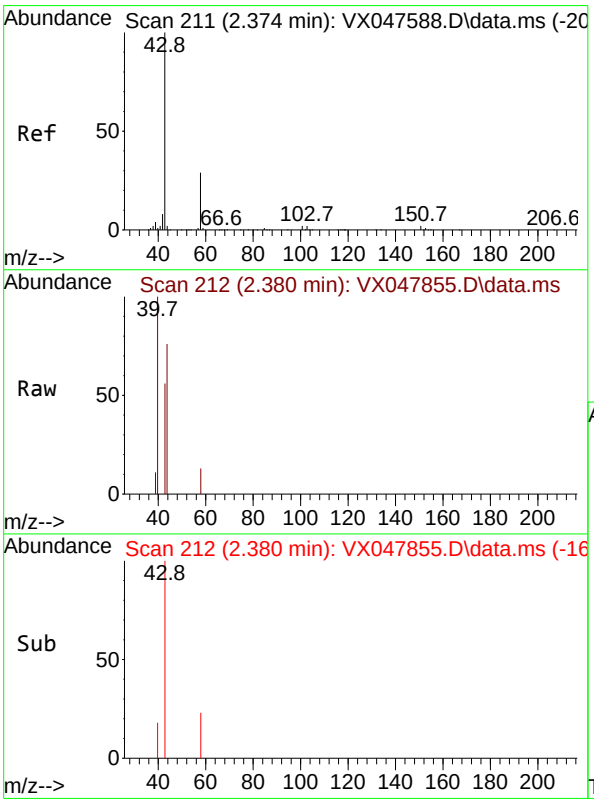
#11
Tert butyl alcohol
Concen: 4.364 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion: 59 Resp: 1018

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

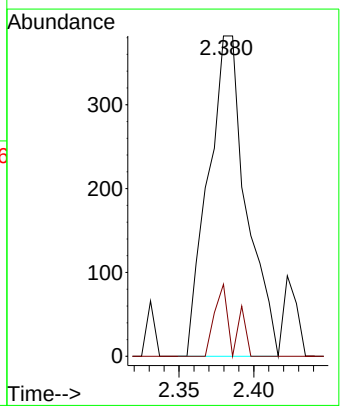


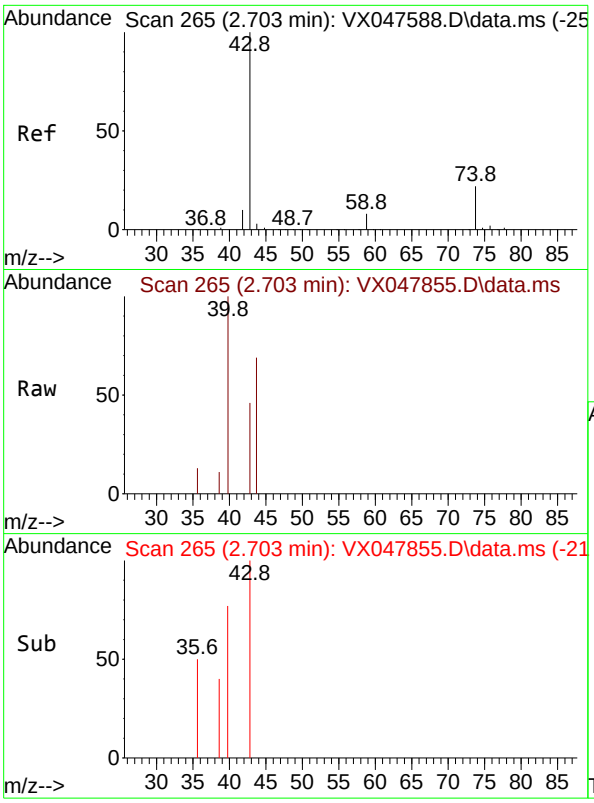


#16
Acetone
Concen: 0.741 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 43 Resp: 675

Ion	Ratio	Lower	Upper
43	100		
58	9.6	23.4	35.0#



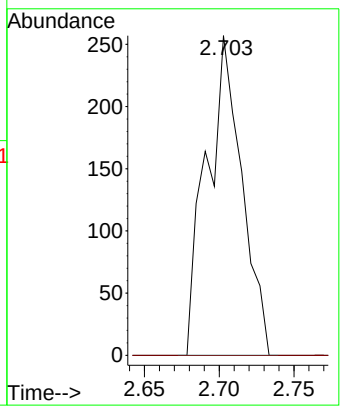


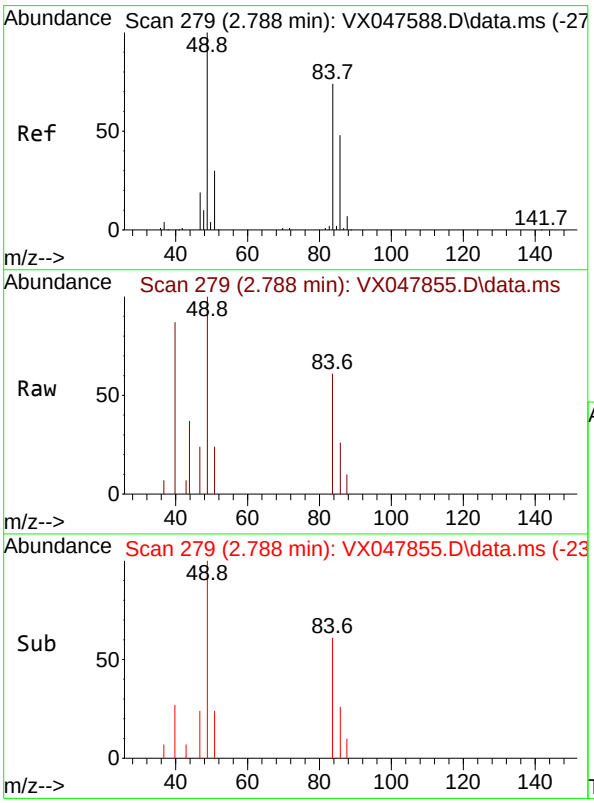
#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion: 43 Resp: 421

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.2#

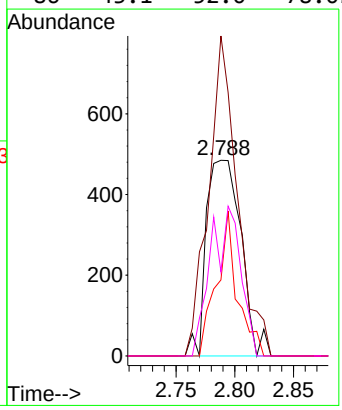


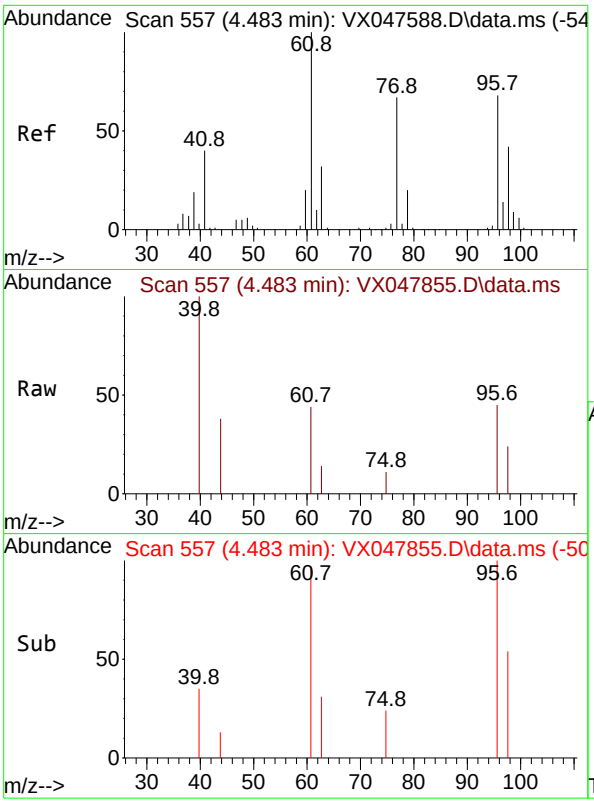


#20
Methylene Chloride
Concen: 0.517 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 84 Resp: 997

Ion	Ratio	Lower	Upper
84	100		
49	163.5	108.6	162.8#
51	38.8	32.6	48.8
86	43.1	52.0	78.0#



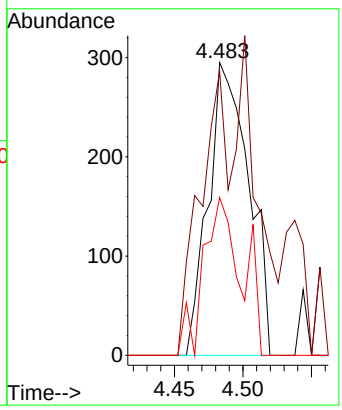


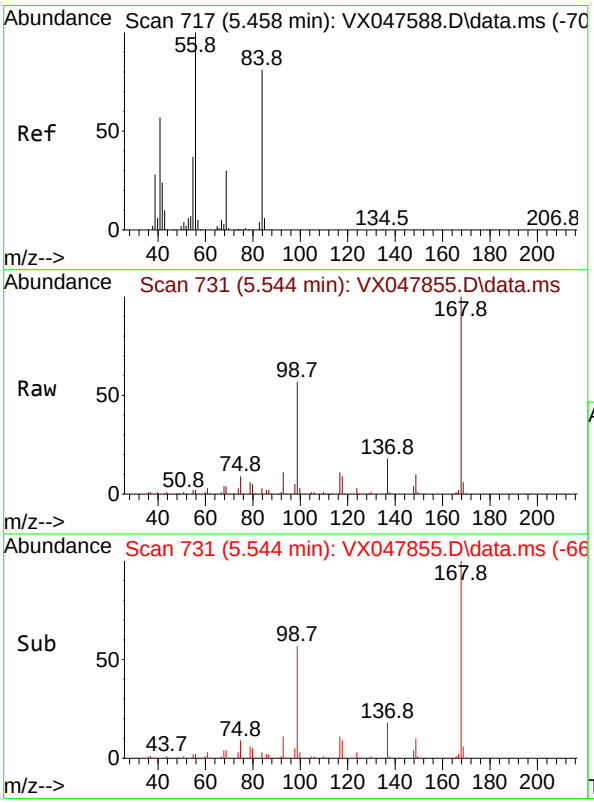
#27
cis-1,2-Dichloroethene
Concen: 0.294 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion: 96 Resp: 607

Ion	Ratio	Lower	Upper
96	100		
61	65.6	0.0	303.2
98	50.6	0.0	127.8

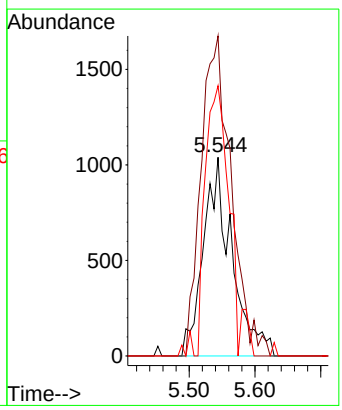


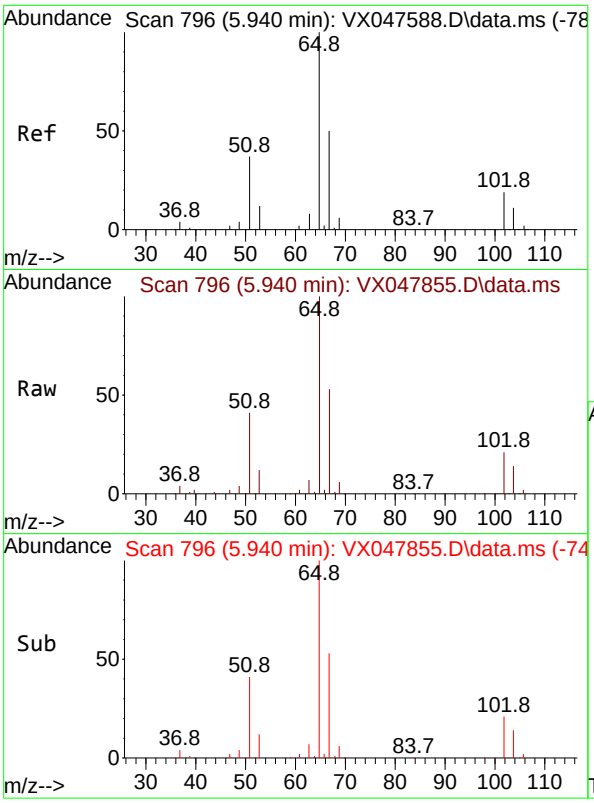


#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 56 Resp: 3135

Ion	Ratio	Lower	Upper
56	100		
69	161.1	23.8	35.8#
84	136.1	64.6	97.0#



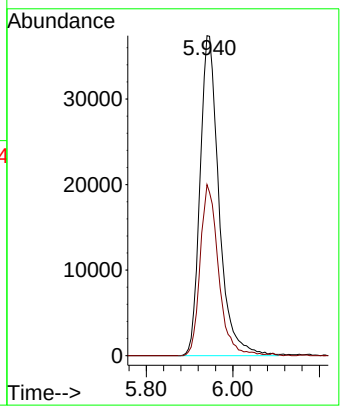


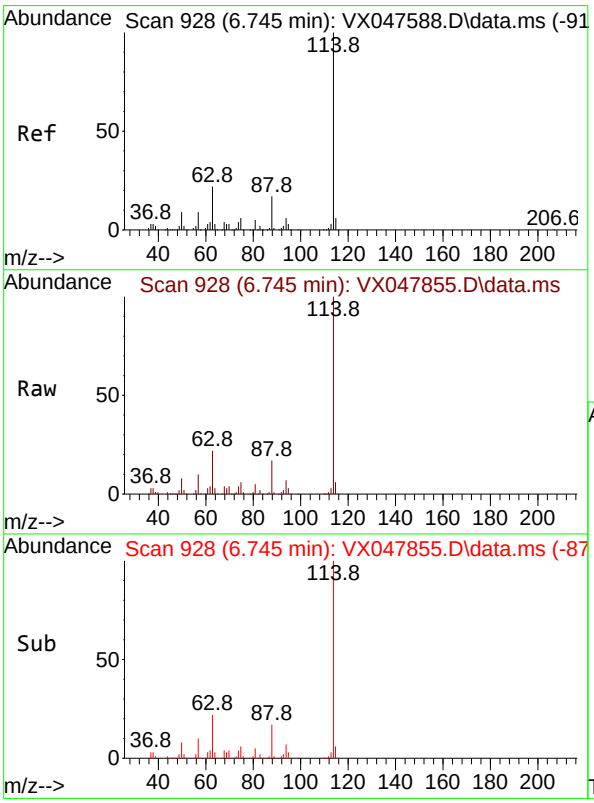
#33
1,2-Dichloroethane-d4
Concen: 54.197 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion: 65 Resp: 113512

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

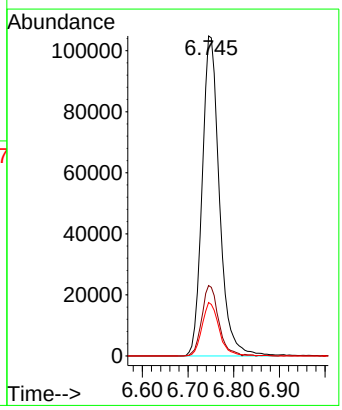


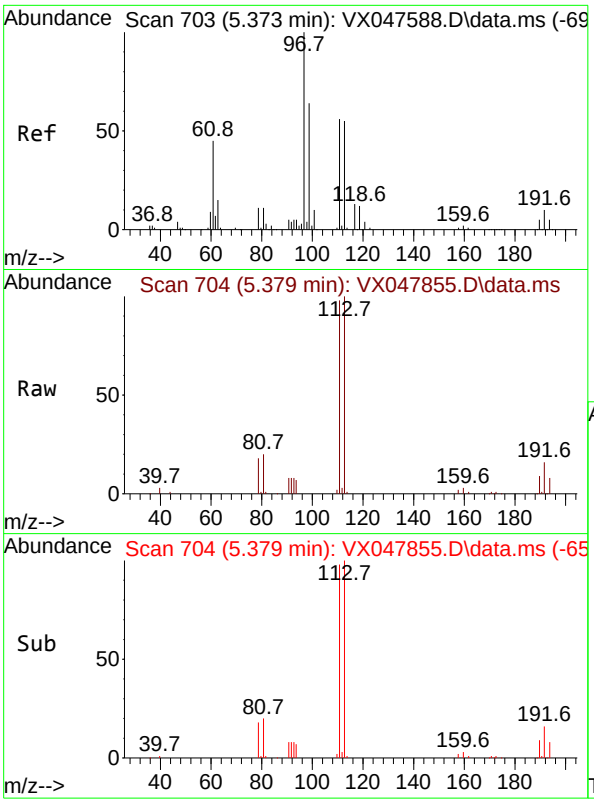


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion:114 Resp: 274881

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	16.7	0.0	34.2



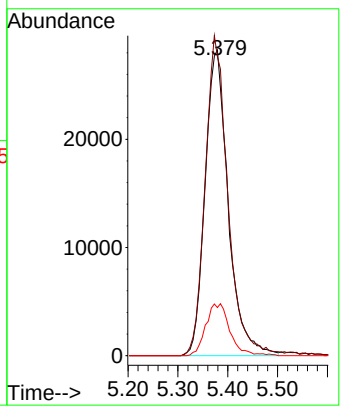


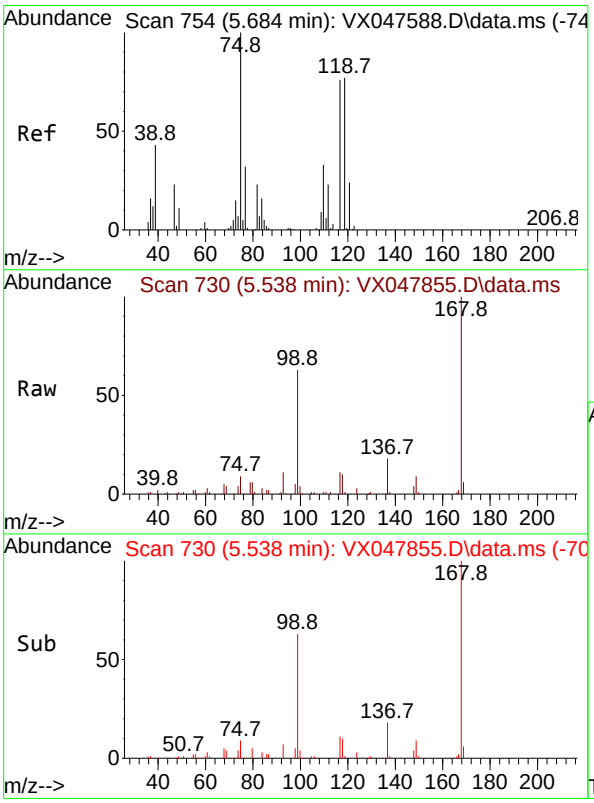
#35
Dibromofluoromethane
Concen: 49.448 ug/l
RT: 5.379 min Scan# 7(
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:113 Resp: 91157

Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.9	121.3
192	17.8	14.2	21.4

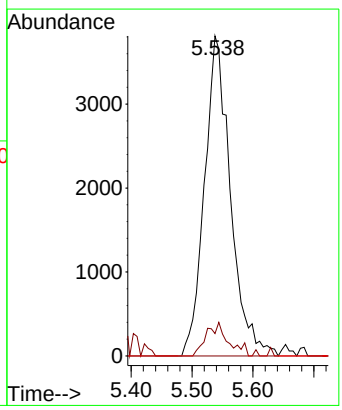


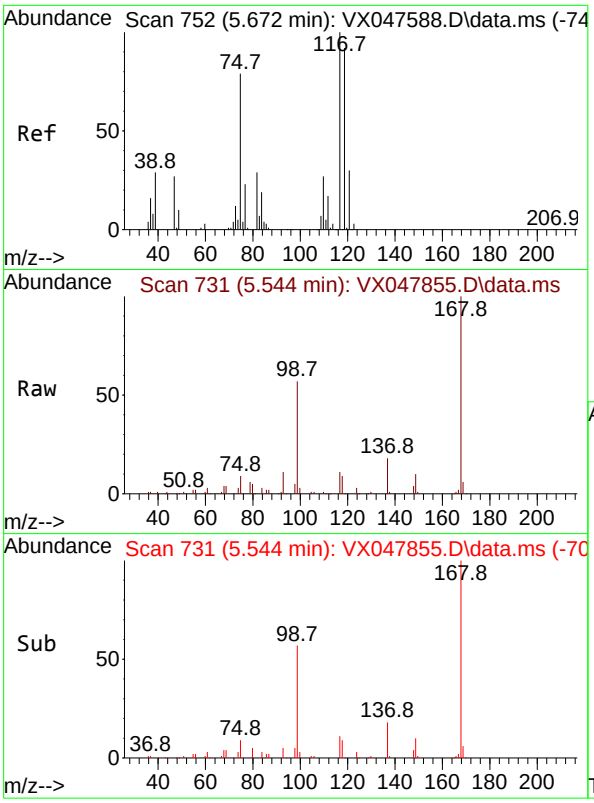


#36
1,1-Dichloropropene
Concen: 4.196 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 75 Resp: 11304

Ion	Ratio	Lower	Upper
75	100		
110	4.1	16.7	50.1#
77	0.0	24.3	36.5#



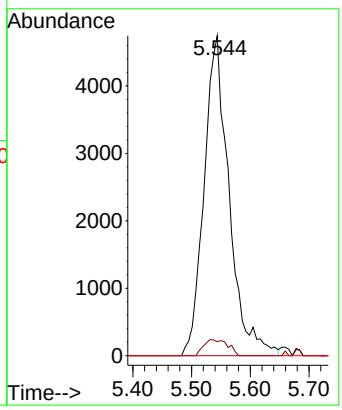


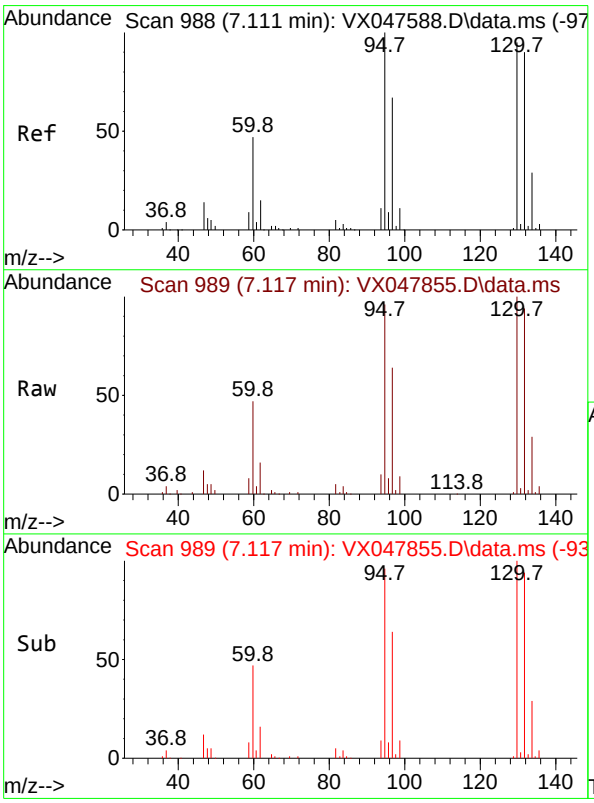
#38
Carbon Tetrachloride
Concen: 4.791 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:117 Resp: 14023

Ion	Ratio	Lower	Upper
117	100		
119	4.4	73.4	110.2#
121	0.0	23.8	35.6#

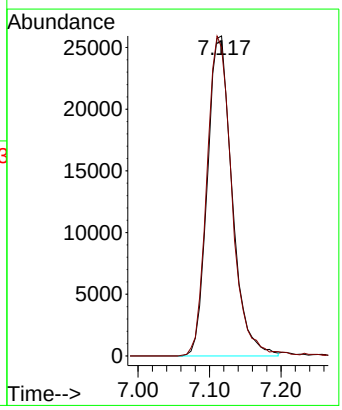


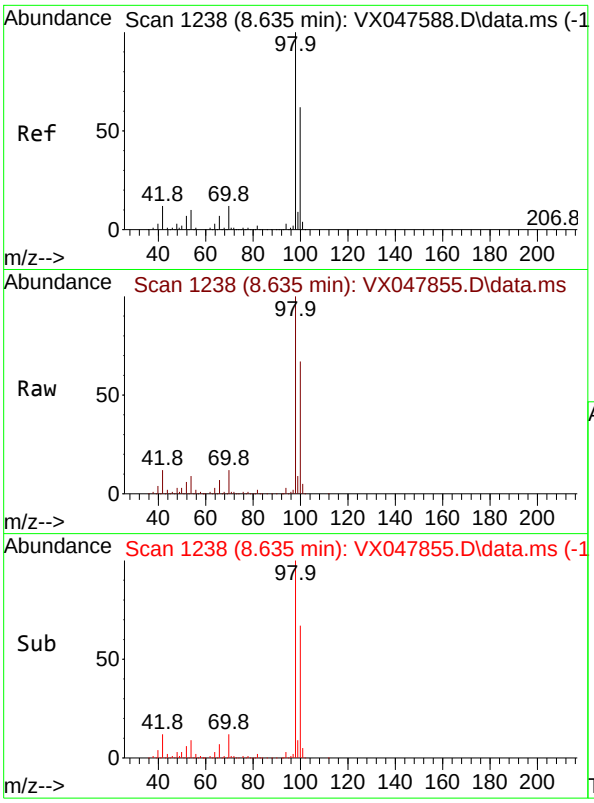


#44
Trichloroethene
Concen: 31.398 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion:130 Resp: 62107

Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	210.8



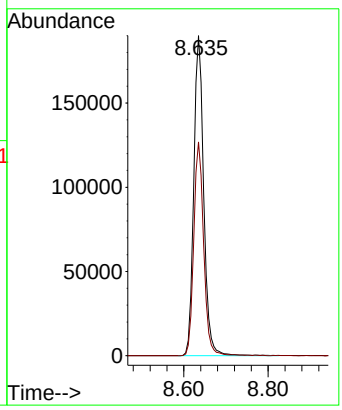


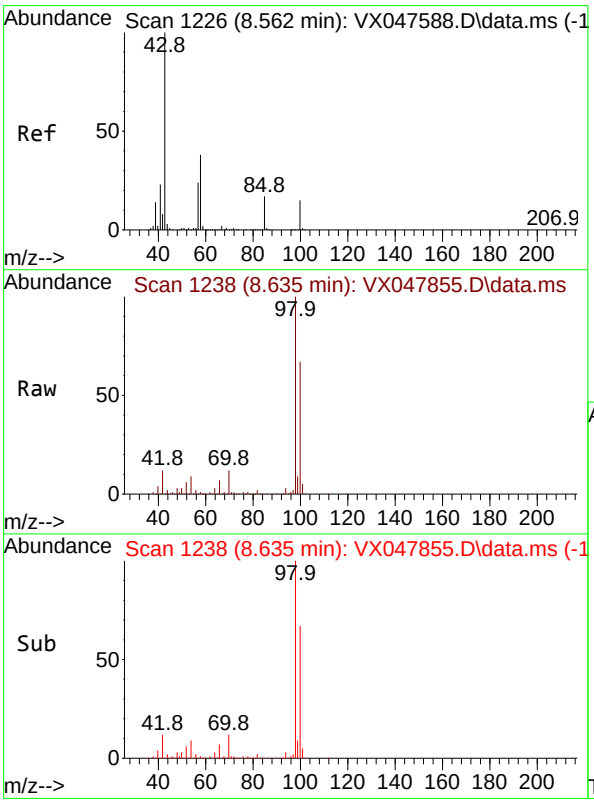
#50
Toluene-d8
Concen: 48.876 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion: 98 Resp: 311775

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

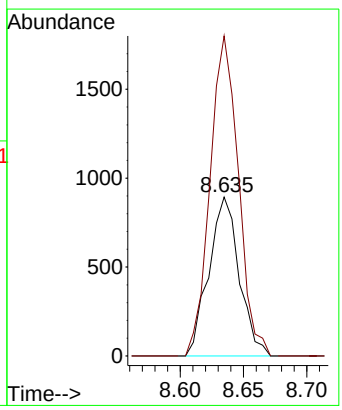


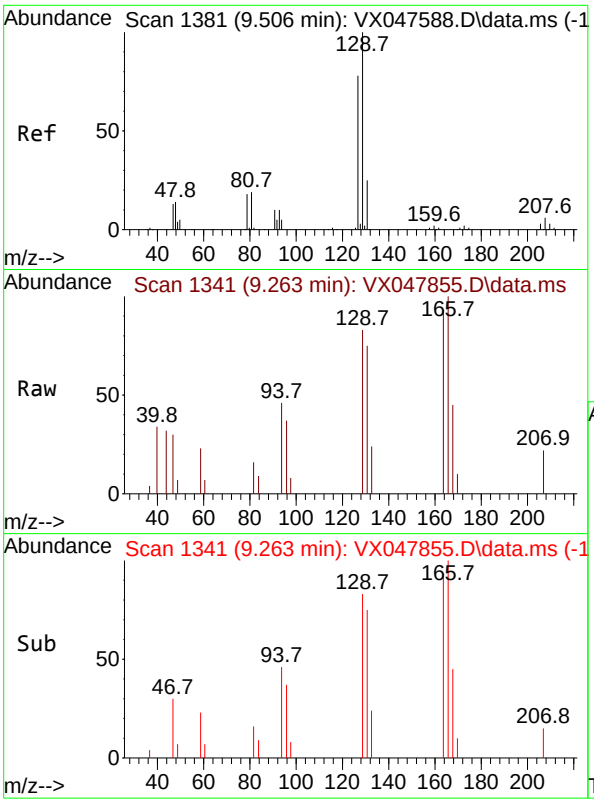


#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 43 Resp: 1493

Ion	Ratio	Lower	Upper
43	100		
58	188.2	30.3	45.5#



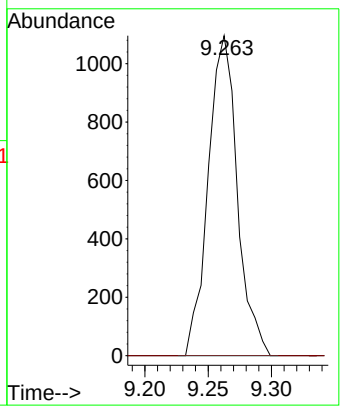


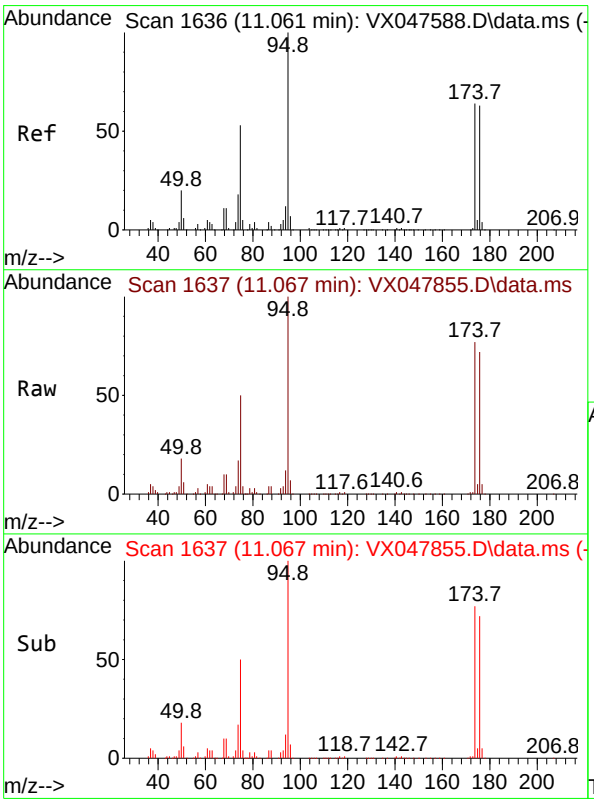
#60
Dibromochloromethane
Concen: 0.784 ug/l
RT: 9.263 min Scan# 1
Delta R.T. -0.244 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:129 Resp: 1756

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

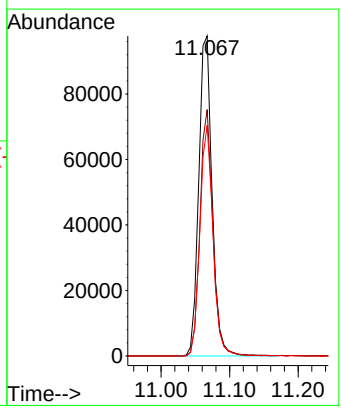


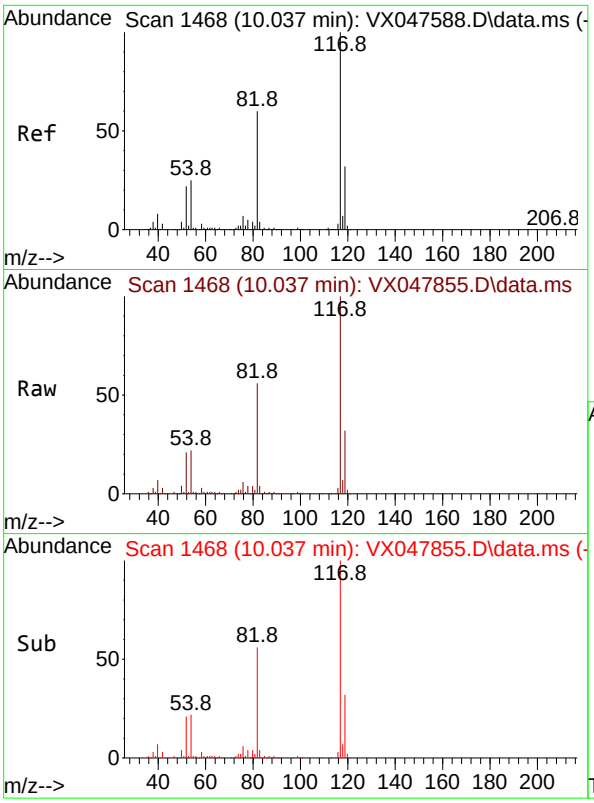


#62
4-Bromofluorobenzene
Concen: 54.849 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 95 Resp: 132783

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	141.6
176	70.6	0.0	138.4



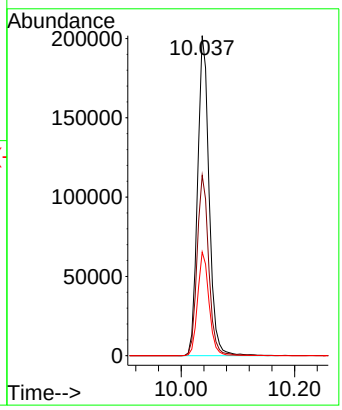


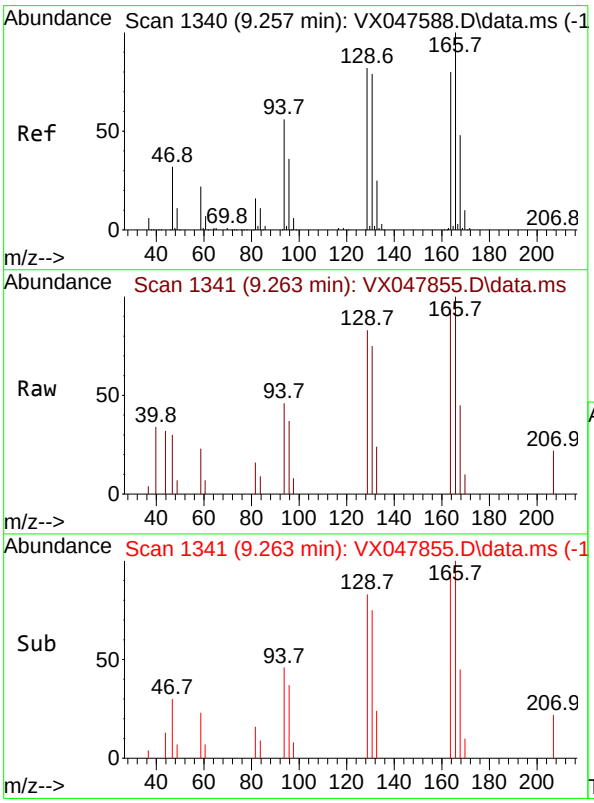
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:117 Resp: 283545

Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.8	71.6
119	32.4	25.2	37.8

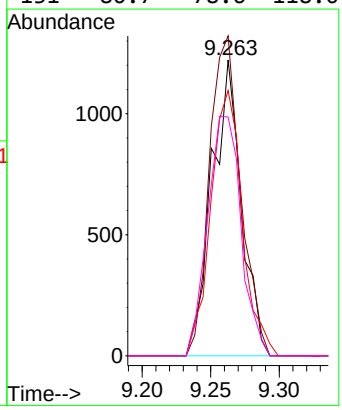


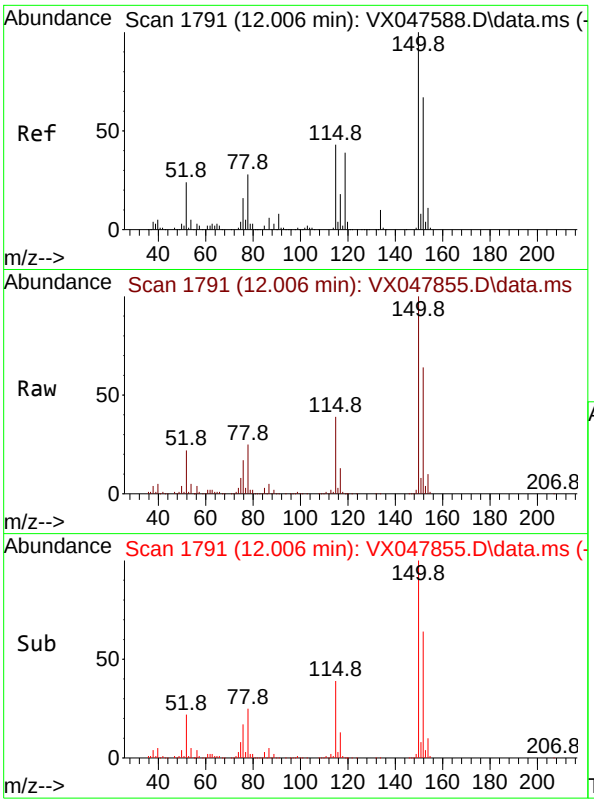


#64
Tetrachloroethene
Concen: 0.985 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion:164 Resp: 1820

Ion	Ratio	Lower	Upper
164	100		
166	108.1	100.2	150.2
129	89.7	81.8	122.6
131	80.7	78.6	118.0



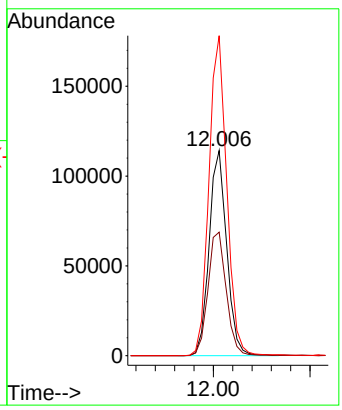


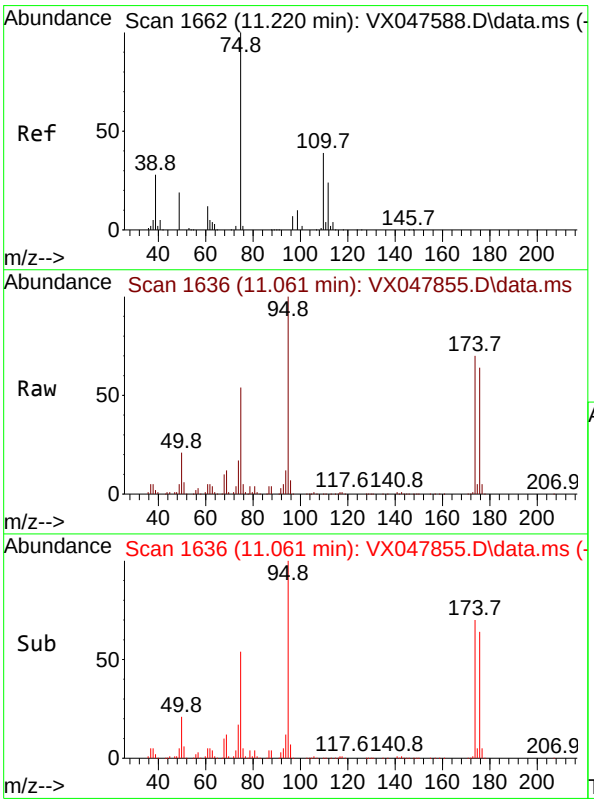
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:152 Resp: 144513

Ion	Ratio	Lower	Upper
152	100		
115	62.7	44.9	134.5
150	158.0	0.0	352.0

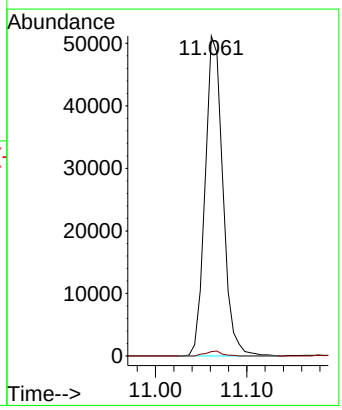


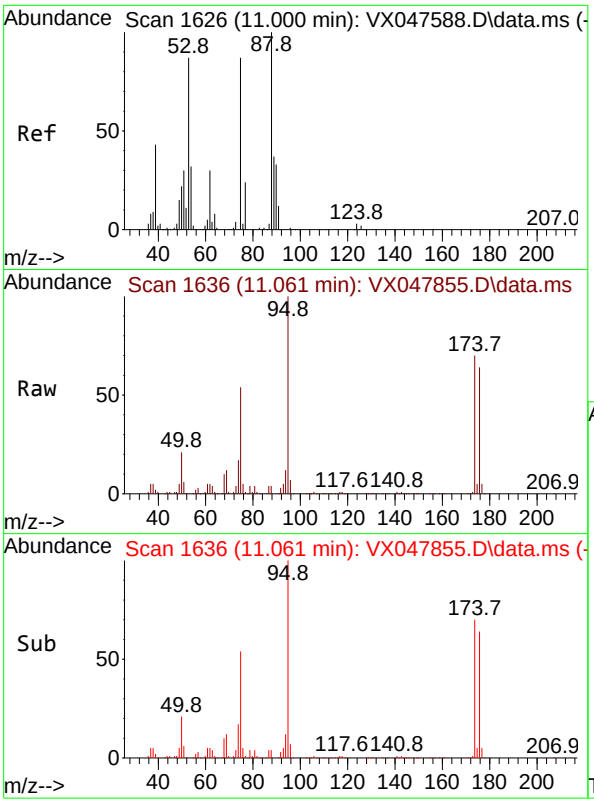


#76
1,2,3-Trichloropropane
Concen: 23.580 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion: 75 Resp: 68994

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.8	56.4#



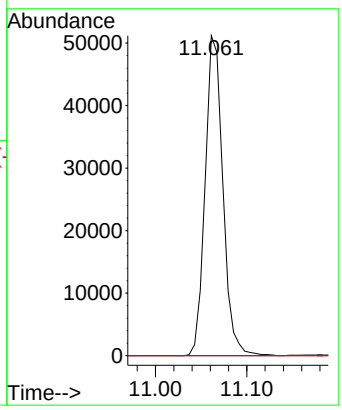


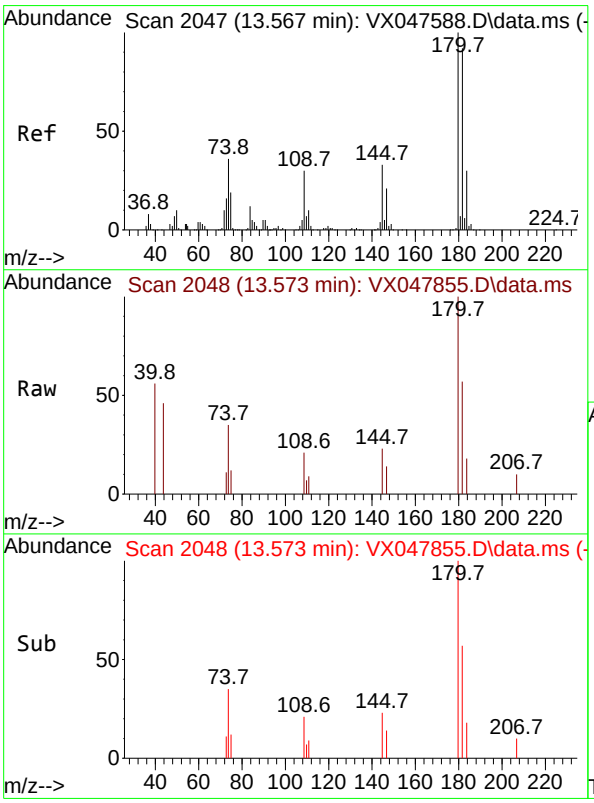
#81
trans-1,4-Dichloro-2-butene
Concen: 60.133 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion: 75 Resp: 68994

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

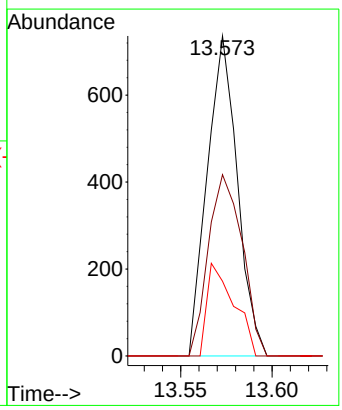


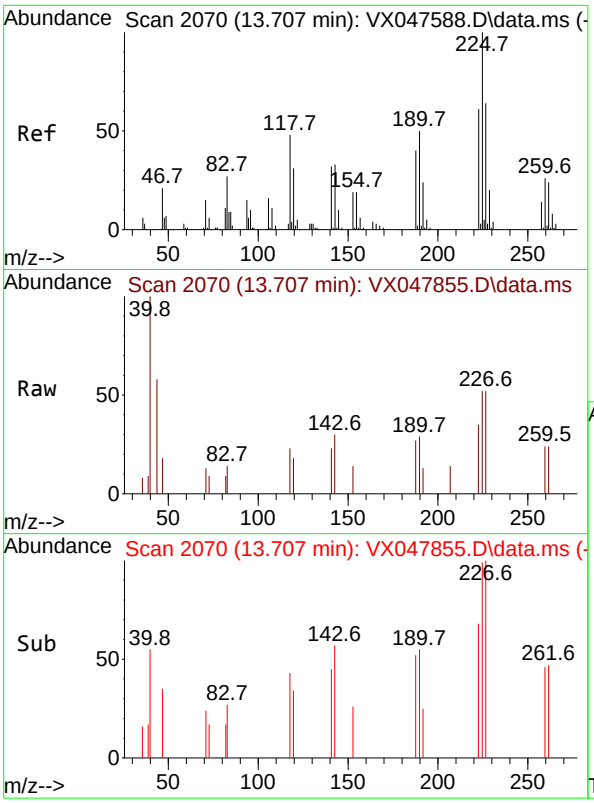


#93
1,2,4-Trichlorobenzene
Concen: 0.271 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Tgt Ion:180 Resp: 842

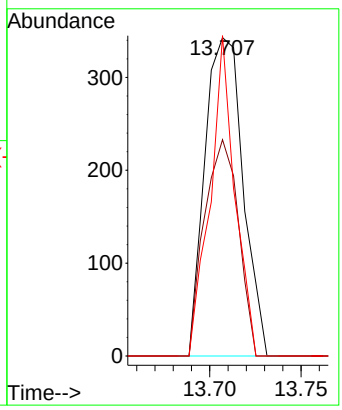
Ion	Ratio	Lower	Upper
180	100		
182	64.1	46.6	139.8
145	26.0	16.4	49.1





#94
Hexachlorobutadiene
Concen: 0.472 ug/l
RT: 13.707 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047855.D
Acq: 26 Sep 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250918DL

Tgt Ion:225 Resp: 499

Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.7	95.1
227	65.1	32.0	96.0