Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022807.D
Acq On : 24 Jun 2025 19:00
Operator : SY/MD
Sample : Q2398-06
Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Quant Time: Jun 25 01:30:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	3764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	5166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	2371	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.109	152	342	50.000	ug/l	-0.24
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1411	33.587	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 67.180%			
35) Dibromofluoromethane	7.628	113	1312	41.761	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 83.520%			
50) Toluene-d8	10.109	98	4520	36.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 72.520%			
62) 4-Bromofluorobenzene	12.402	95	806	20.111	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 40.220%			
Target Compounds						Qvalue
3) Chloromethane	2.068	50	181	2.945	ug/l #	69
5) Bromomethane	2.604	94	115	1.905	ug/l #	3
6) Chloroethane	2.733	64	95	1.841	ug/l #	45
8) Diethyl Ether	3.690	74	29	1.381	ug/l	80
10) Methyl Iodide	4.001	142	112	2.648	ug/l #	38
11) Tert butyl alcohol	4.763	59	50	17.900	ug/l #	73
12) 1,1-Dichloroethene	3.818	96	138	3.622	ug/l #	1
13) Acrolein	3.659	56	77	20.328	ug/l #	14
14) Allyl chloride	4.403	41	156	2.662	ug/l #	15
15) Acrylonitrile	5.080	53	63	7.191	ug/l #	68
16) Acetone	3.848	43	88685	11169.082	ug/l	93
18) Methyl Acetate	4.415	43	301	11.447	ug/l #	64
19) Methyl tert-butyl Ether	5.116	73	188	1.812	ug/l #	54
21) trans-1,2-Dichloroethene	5.116	96	116	2.664	ug/l #	1
25) 2-Butanone	6.927	43	100	8.653	ug/l #	46
28) Bromochloromethane	7.287	49	48	1.452	ug/l #	17
29) Tetrahydrofuran	7.244	42	99	13.567	ug/l #	31
31) Cyclohexane	7.719	56	139	1.926	ug/l #	57
32) 1,1,1-Trichloroethane	7.634	97	219	3.130	ug/l #	23
37) Ethyl Acetate	7.000	43	79	3.844	ug/l #	69
41) Methacrylonitrile	7.256	41	99	7.826	ug/l #	34
43) Isopropyl Acetate	8.213	43	58	1.358	ug/l #	61
44) Trichloroethene	8.951	130	80	2.176	ug/l	1
46) Dibromomethane	9.225	93	191	9.819	ug/l #	47
47) Bromodichloromethane	9.433	83	202	4.027	ug/l #	26
48) Methyl methacrylate	9.225	41	363	17.680	ug/l #	81
49) 1,4-Dioxane	9.359	88	27	117.483	ug/l #	1
51) 4-Methyl-2-Pentanone	9.963	43	121	5.575	ug/l	97
52) Toluene	10.164	92	309	3.345	ug/l #	1
55) 1,1,2-Trichloroethane	10.554	97	217	8.615	ug/l #	15
56) Ethyl methacrylate	10.481	69	245	7.230	ug/l #	63
58) 2-Chloroethyl Vinyl ether	9.774	63	92	20.497	ug/l #	48
59) 2-Hexanone	10.786	43	129	8.742	ug/l #	24
61) 1,2-Dibromoethane	10.816	107	316	13.406	ug/l	93
64) Tetrachloroethene	10.652	164	185	8.259	ug/l #	23
66) 1,1,1,2-Tetrachloroethane	11.396	131	682	38.649	ug/l	69

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022807.D
Acq On : 24 Jun 2025 19:00
Operator : SY/MD
Sample : Q2398-06
Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Quant Time: Jun 25 01:30:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67)	Ethyl Benzene	11.518	91	252	2.753	ug/l	#	44
68)	m/p-Xylenes	11.652	106	132	3.730	ug/l	#	1
69)	o-Xylene	11.896	106	173	5.189	ug/l		82
70)	Styrene	11.950	104	554	9.920	ug/l	#	75
71)	Bromoform	12.121	173	204	20.762	ug/l	#	96
73)	Isopropylbenzene	12.243	105	376	14.866	ug/l		94
74)	N-amyl acetate	12.048	43	602	106.035	ug/l	#	42
75)	1,1,2,2-Tetrachloroethane	12.505	83	554	135.903	ug/l	#	19
76)	1,2,3-Trichloropropane	12.560	75	87	24.917	ug/l	#	100
77)	Bromobenzene	12.560	156	106	18.489	ug/l	#	1
78)	n-propylbenzene	12.438	91	364	11.920	ug/l		82
79)	2-Chlorotoluene	12.658	91	488	28.284	ug/l		72
80)	1,3,5-Trimethylbenzene	12.822	105	220	10.775	ug/l		90
81)	trans-1,4-Dichloro-2-b...	12.304	75	19	13.748	ug/l	#	1
82)	4-Chlorotoluene	12.658	91	488	26.927	ug/l		73
83)	tert-Butylbenzene	13.036	119	307	17.049	ug/l	#	1
84)	1,2,4-Trimethylbenzene	13.054	105	558	27.296	ug/l		74
85)	sec-Butylbenzene	13.054	105	558	20.595	ug/l		97
86)	p-Isopropyltoluene	13.279	119	153	6.786	ug/l	#	1
87)	1,3-Dichlorobenzene	13.298	146	284	24.665	ug/l	#	69
88)	1,4-Dichlorobenzene	13.383	146	1353	118.296	ug/l	#	20
89)	n-Butylbenzene	13.590	91	829	39.089	ug/l		88
90)	Hexachloroethane	13.920	117	356	79.277	ug/l		59
91)	1,2-Dichlorobenzene	13.657	146	351	34.592	ug/l	#	14
92)	1,2-Dibromo-3-Chloropr...	14.249	75	67	96.920	ug/l	#	1
93)	1,2,4-Trichlorobenzene	14.877	180	178	31.070	ug/l	#	1
94)	Hexachlorobutadiene	14.944	225	23	7.100	ug/l	#	18
95)	Naphthalene	15.151	128	783	75.579	ug/l	#	1
96)	1,2,3-Trichlorobenzene	15.334	180	186	37.572	ug/l	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022807.D
Acq On : 24 Jun 2025 19:00
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Sample : Q2398-06
Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
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Quant Time: Jun 25 01:30:38 2025
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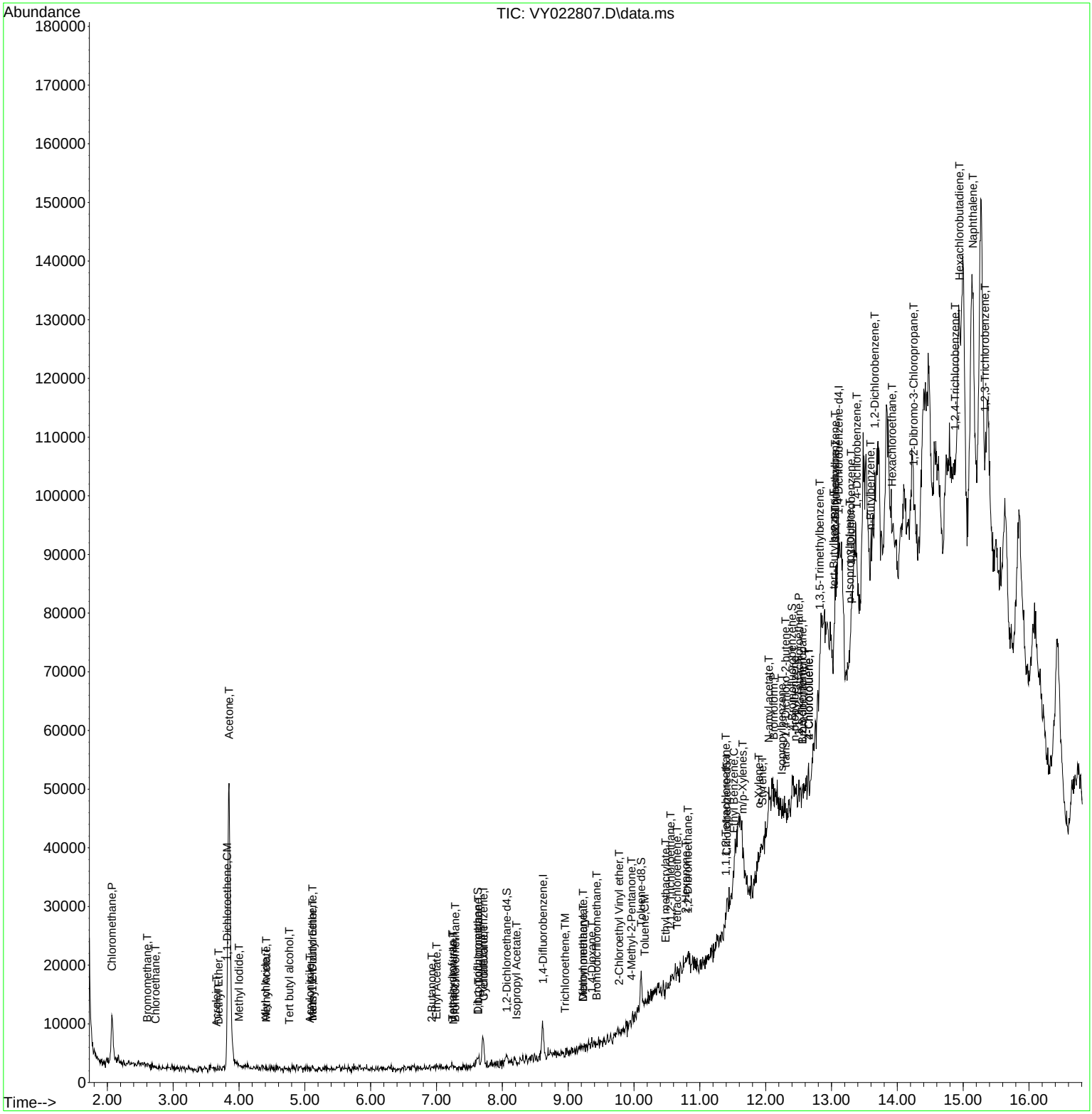
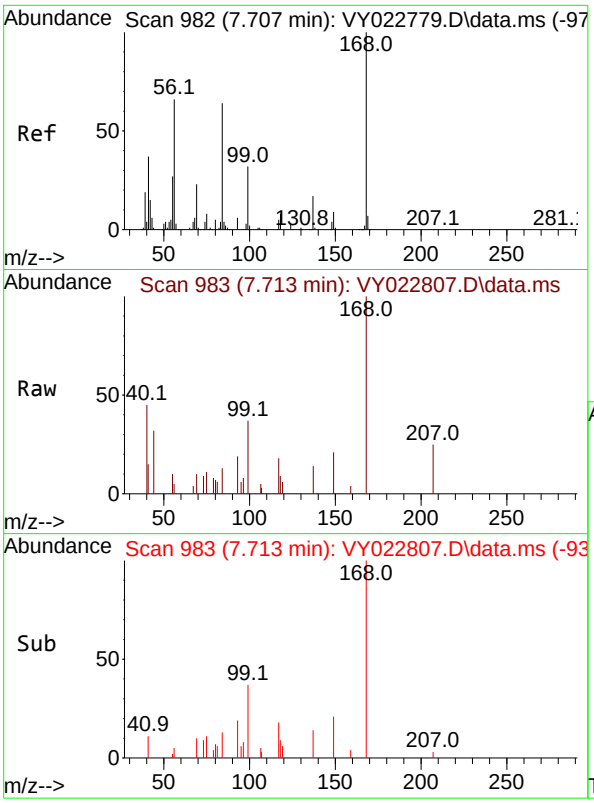
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



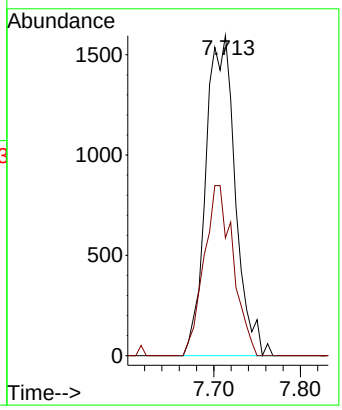


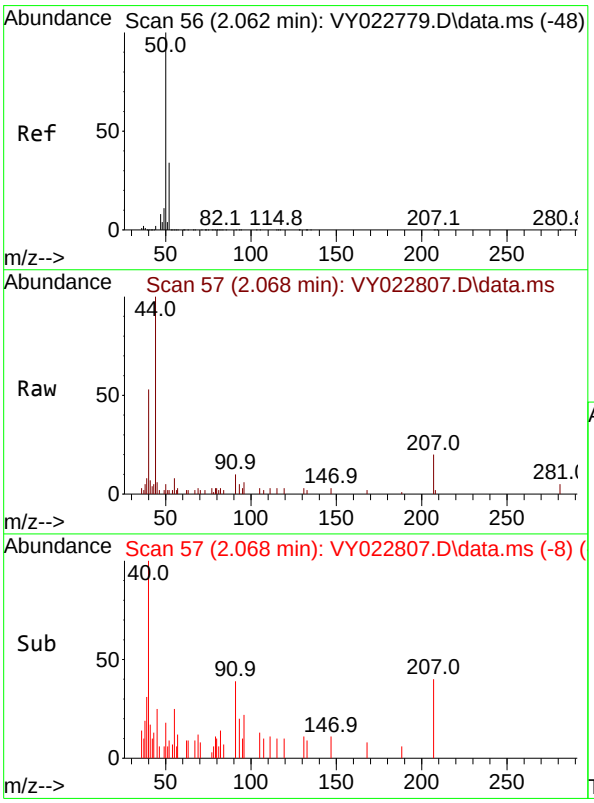
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:168 Resp: 3764

Ion	Ratio	Lower	Upper
168	100		
99	36.8	44.3	66.5#

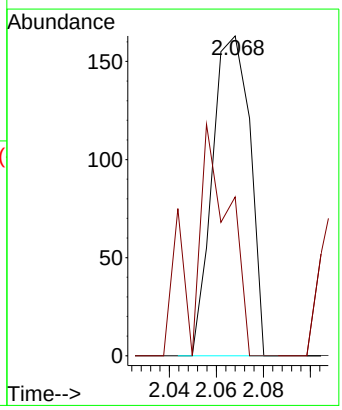


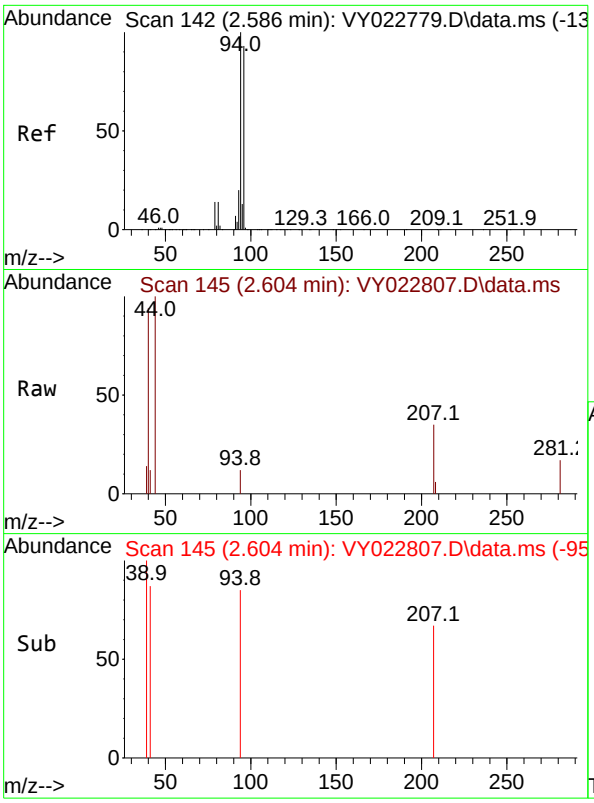


#3
Chloromethane
Concen: 2.945 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 50 Resp: 181

Ion	Ratio	Lower	Upper
50	100		
52	49.7	26.0	39.0#



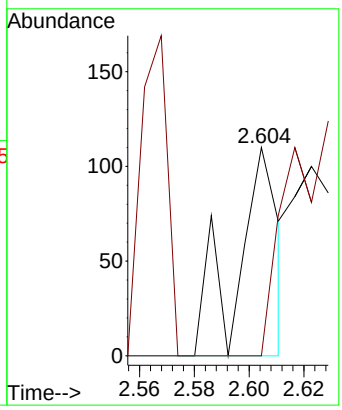


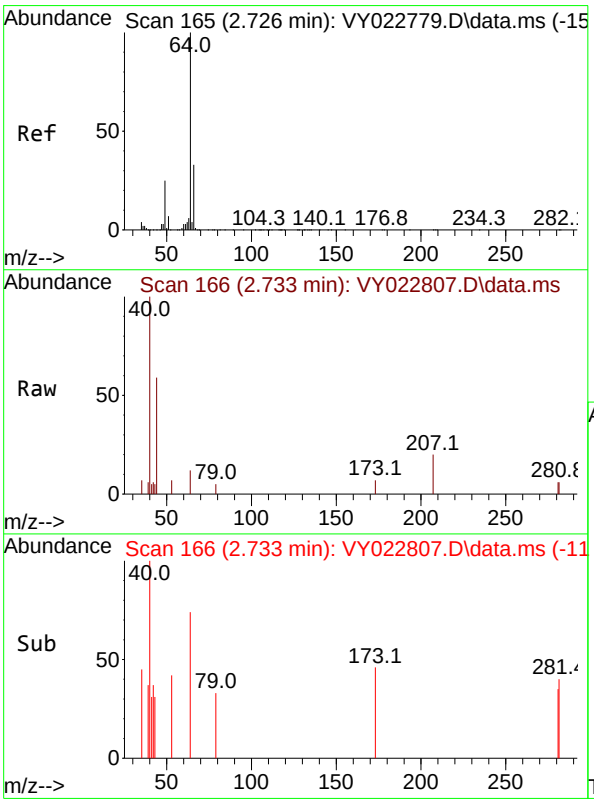
#5
Bromomethane
Concen: 1.905 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 94 Resp: 115

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.0	111.0#

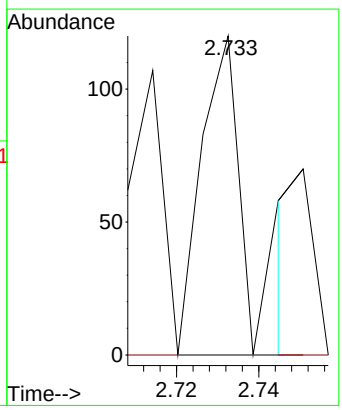


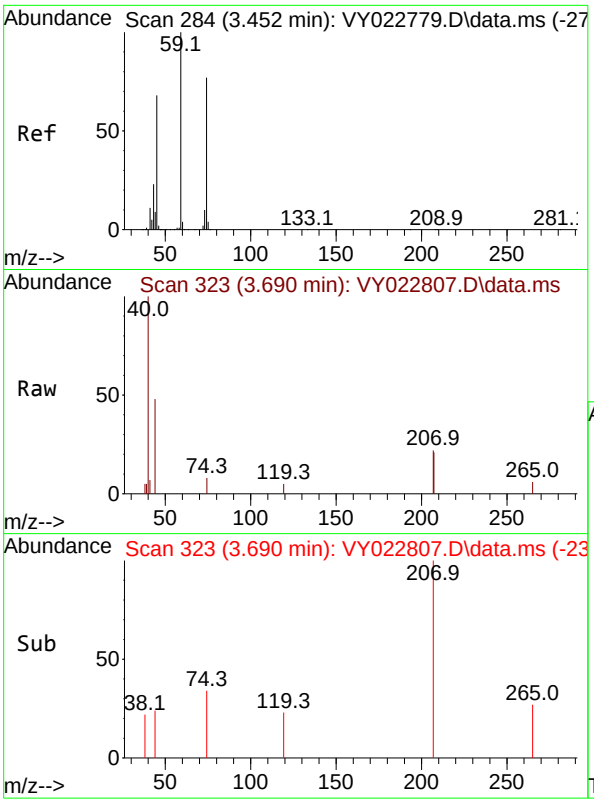


#6
Chloroethane
Concen: 1.841 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 64 Resp: 95

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



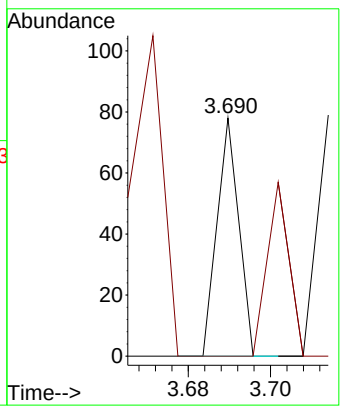


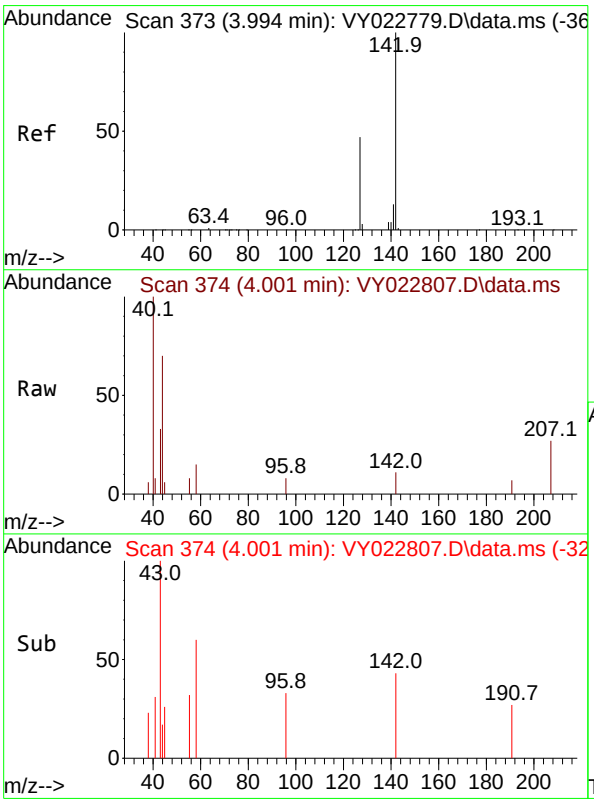
#8
Diethyl Ether
Concen: 1.381 ug/l
RT: 3.690 min Scan# 3
Delta R.T. 0.225 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 74 Resp: 29

Ion	Ratio	Lower	Upper
74	100		
45	72.4	45.9	137.6

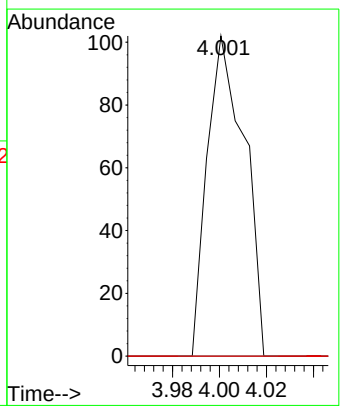


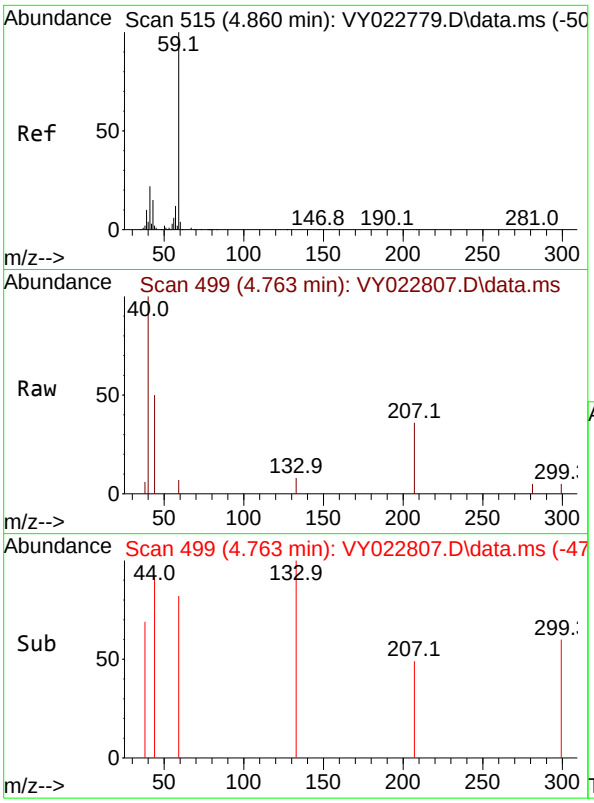


#10
Methyl Iodide
Concen: 2.648 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:142 Resp: 112

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.1	55.7#
141	0.0	11.4	17.2#



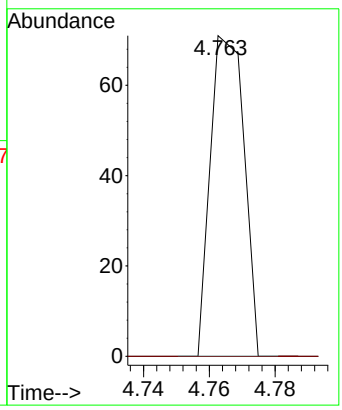


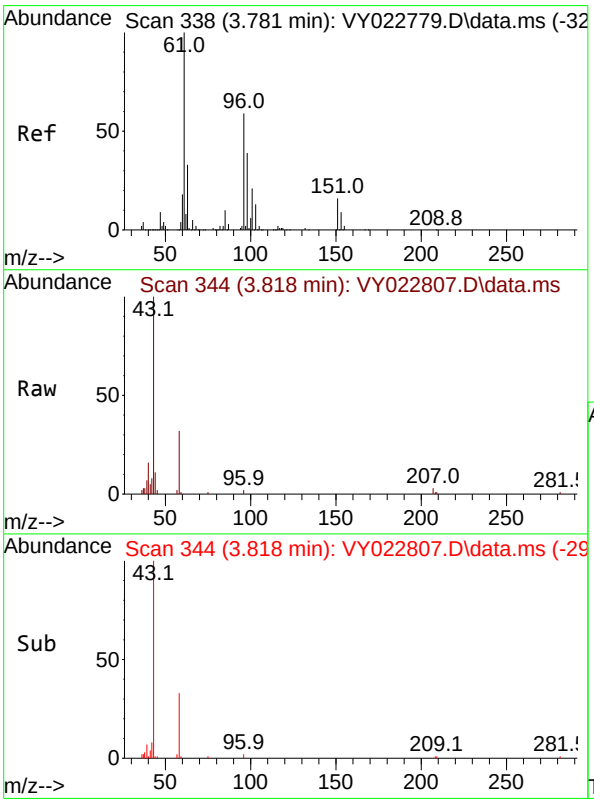
#11
Tert butyl alcohol
Concen: 17.900 ug/l
RT: 4.763 min Scan# 4
Delta R.T. -0.122 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 59 Resp: 50

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

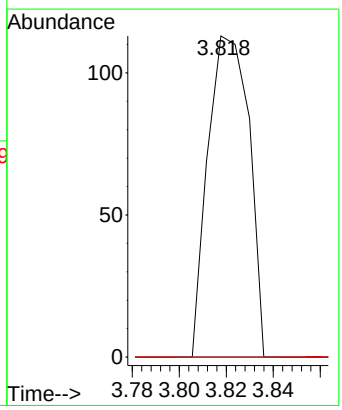


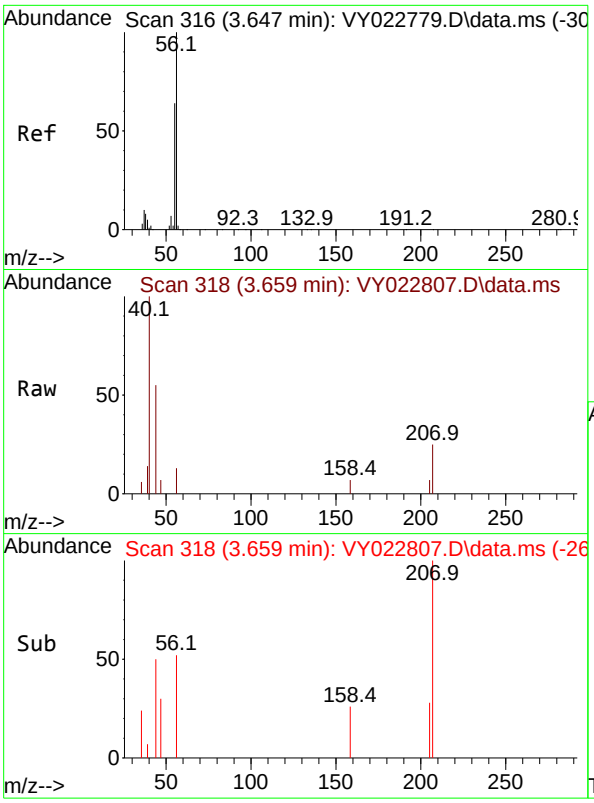


#12
1,1-Dichloroethene
Concen: 3.622 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 96 Resp: 138

Ion	Ratio	Lower	Upper
96	100		
61	0.0	134.6	201.8#
98	0.0	50.2	75.4#



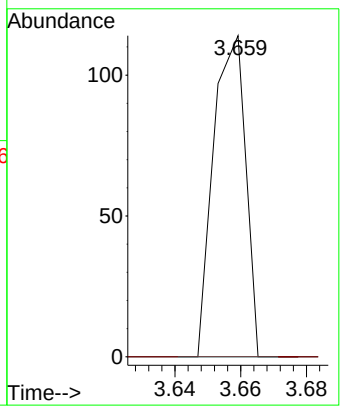


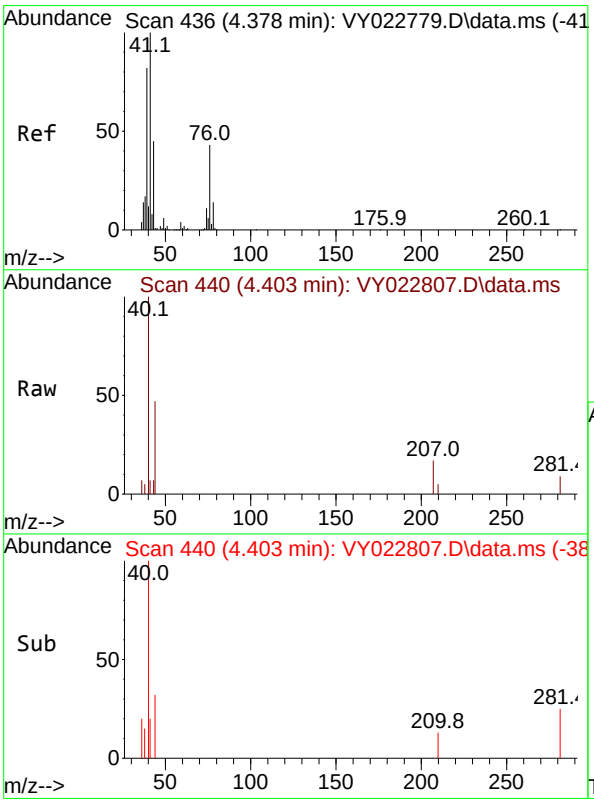
#13
Acrolein
Concen: 20.328 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 56 Resp: 77

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.6#

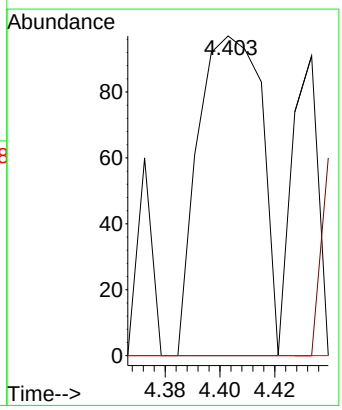


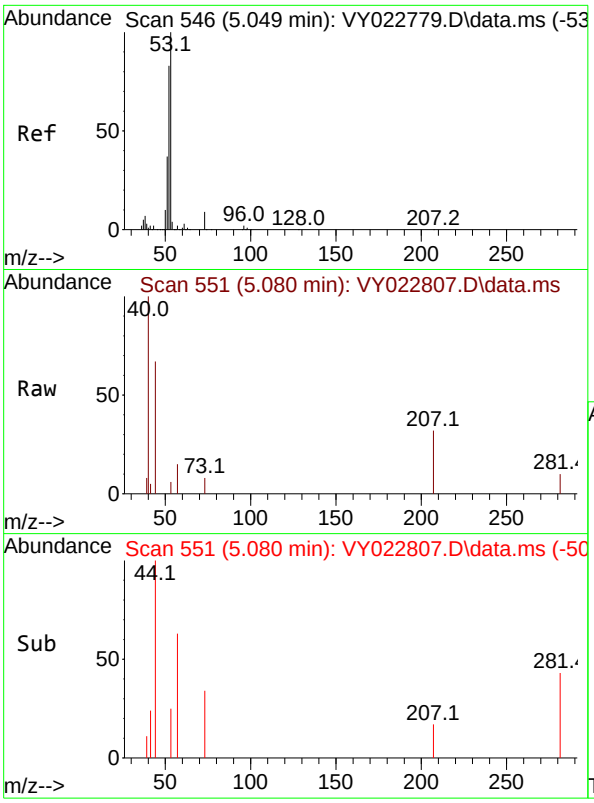


#14
Allyl chloride
Concen: 2.662 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 41 Resp: 156

Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.1	103.7#
76	0.0	33.5	50.3#



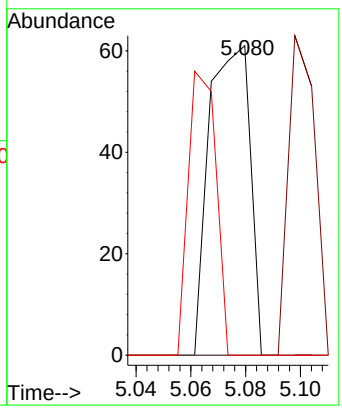


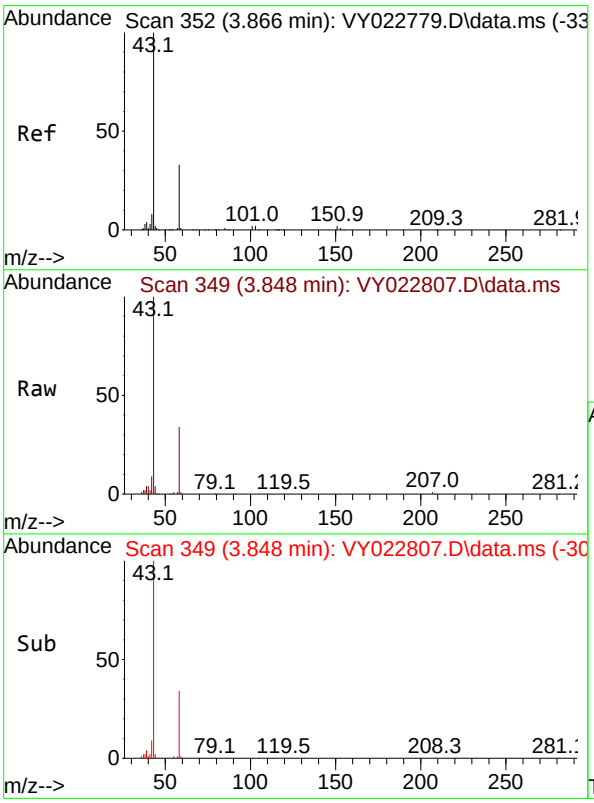
#15
Acrylonitrile
Concen: 7.191 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 53 Resp: 63

Ion	Ratio	Lower	Upper
53	100		
52	66.7	65.7	98.5
51	0.0	30.1	45.1#

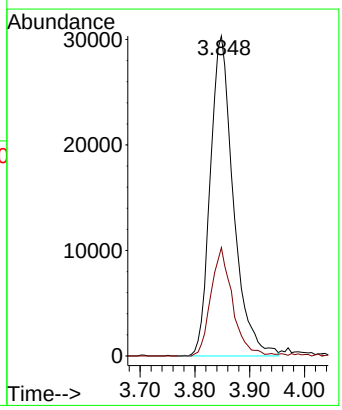


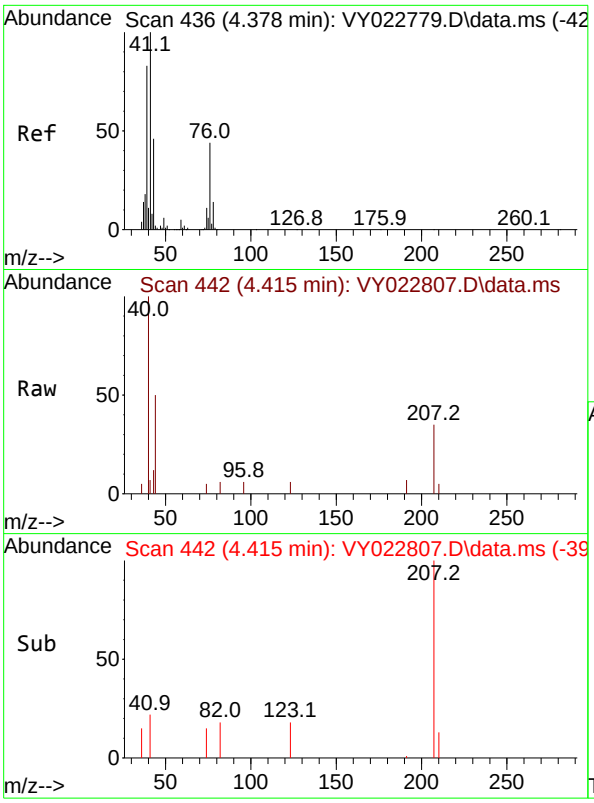


#16
Acetone
Concen: 11169.082 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.031 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 43 Resp: 88685

Ion	Ratio	Lower	Upper
43	100		
58	33.9	24.0	36.0



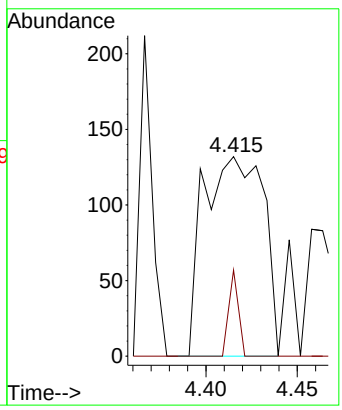


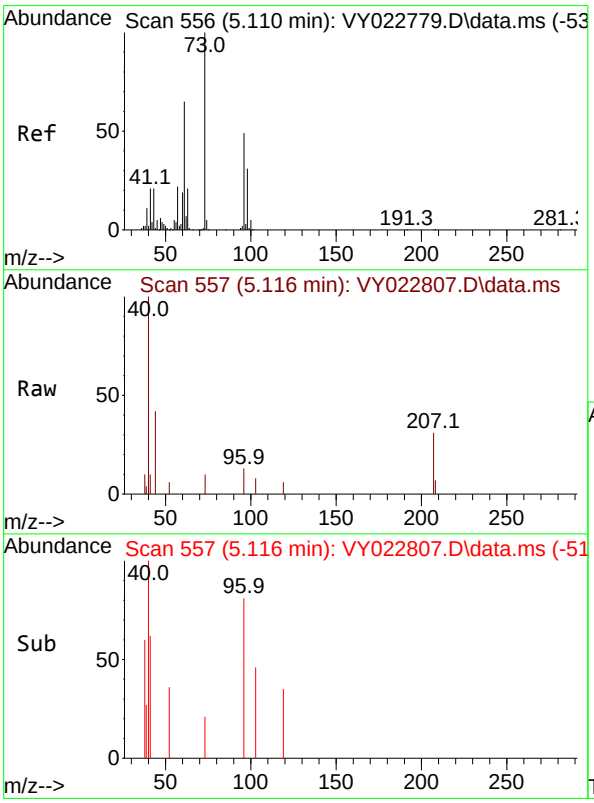
#18
Methyl Acetate
Concen: 11.447 ug/l
RT: 4.415 min Scan# 44
Delta R.T. 0.018 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 43 Resp: 301

Ion	Ratio	Lower	Upper
43	100		
74	7.0	19.8	29.6#

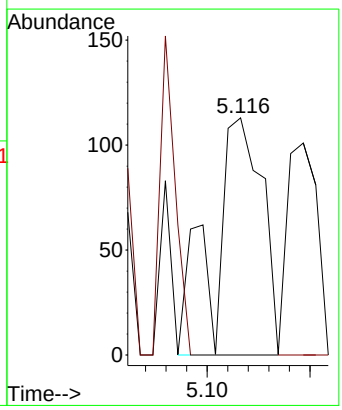


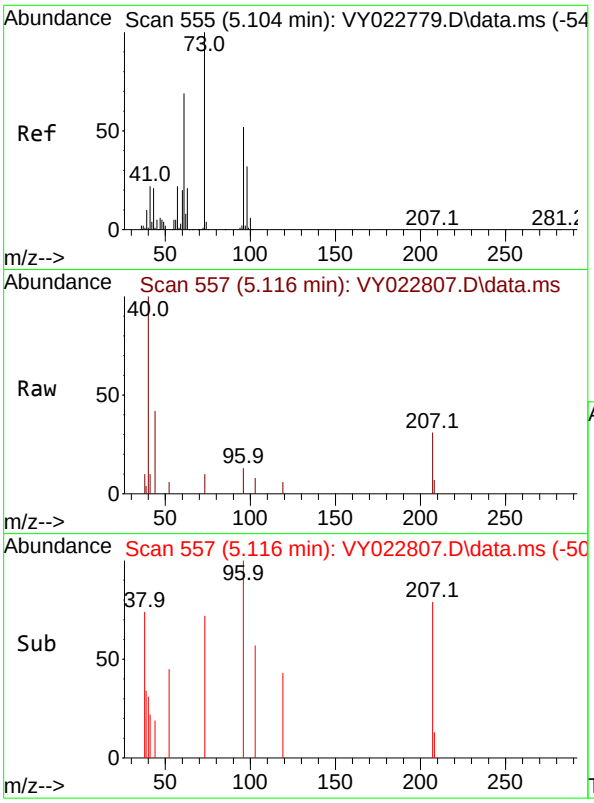


#19
Methyl tert-butyl Ether
Concen: 1.812 ug/l
RT: 5.116 min Scan# 557
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 73 Resp: 188

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.0#



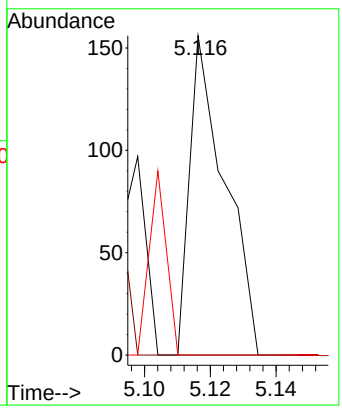


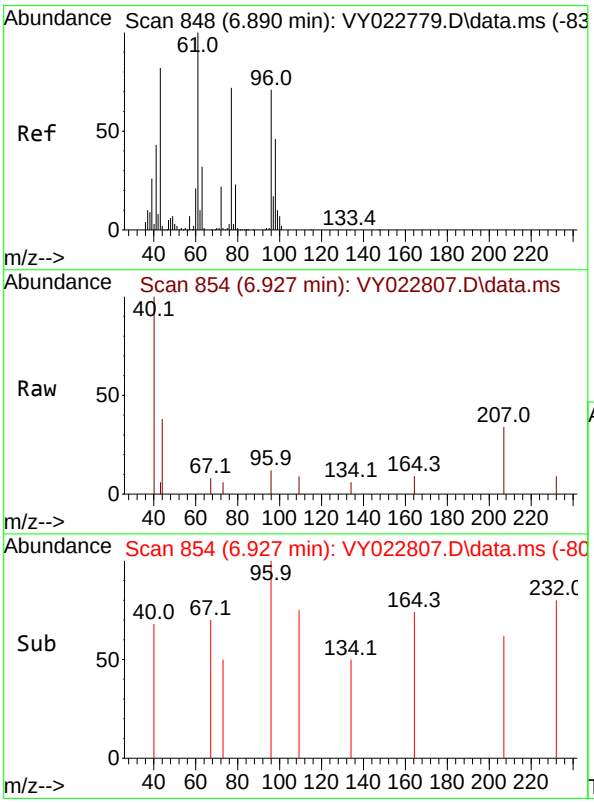
#21
trans-1,2-Dichloroethene
Concen: 2.664 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 96 Resp: 116

Ion	Ratio	Lower	Upper
96	100		
61	0.0	112.6	169.0#
98	0.0	50.6	75.8#

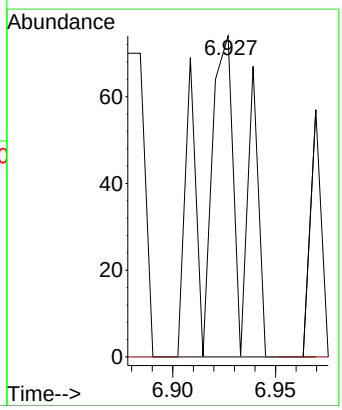


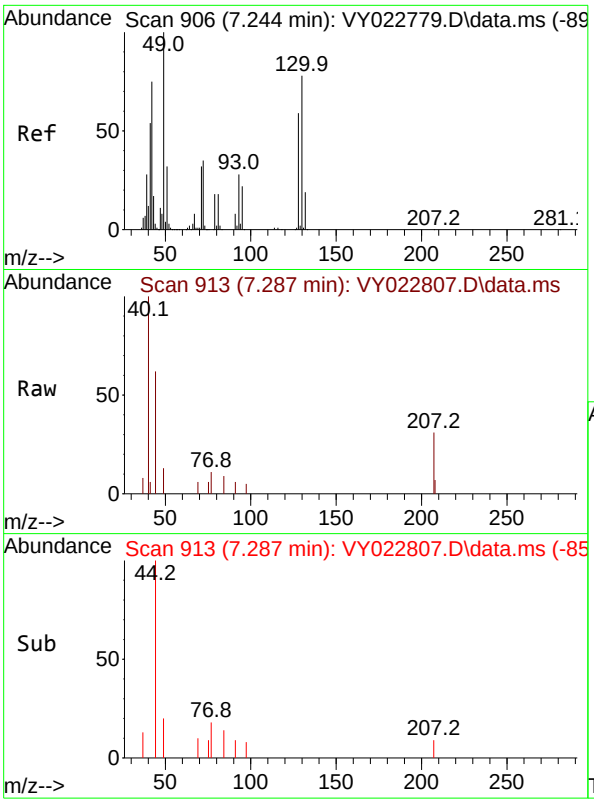


#25
2-Butanone
Concen: 8.653 ug/l
RT: 6.927 min Scan# 854
Delta R.T. 0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 43 Resp: 100

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.9	34.3#



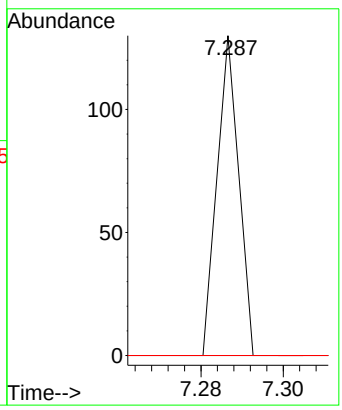


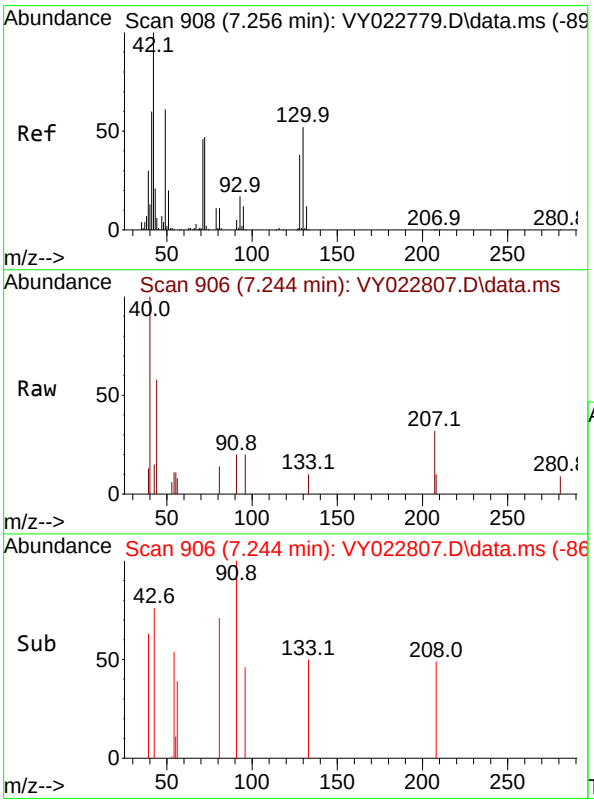
#28
Bromochloromethane
Concen: 1.452 ug/l
RT: 7.287 min Scan# 91
Delta R.T. 0.036 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 49 Resp: 48

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	55.7	83.5#

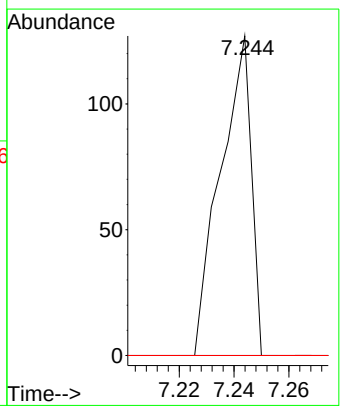


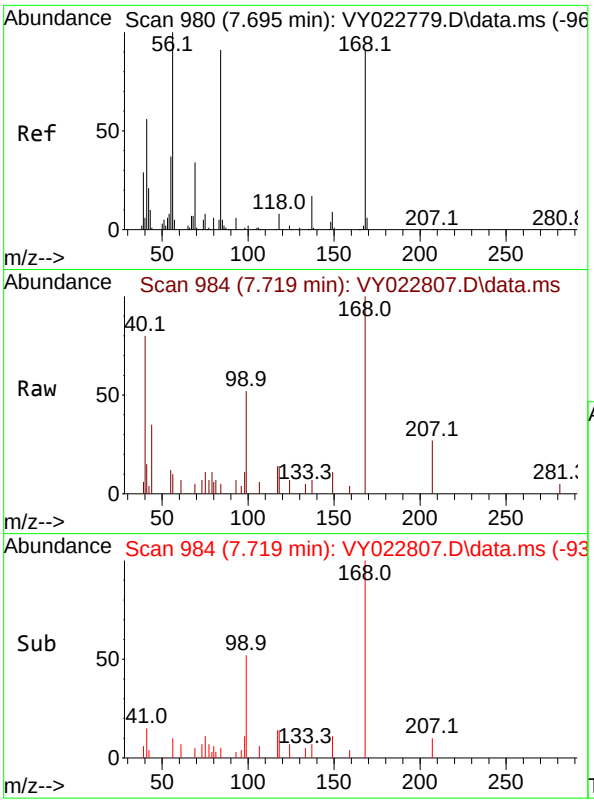


#29
Tetrahydrofuran
Concen: 13.567 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 42 Resp: 99

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.2#
71	0.0	34.2	51.2#



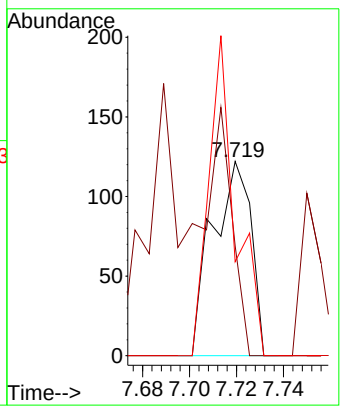


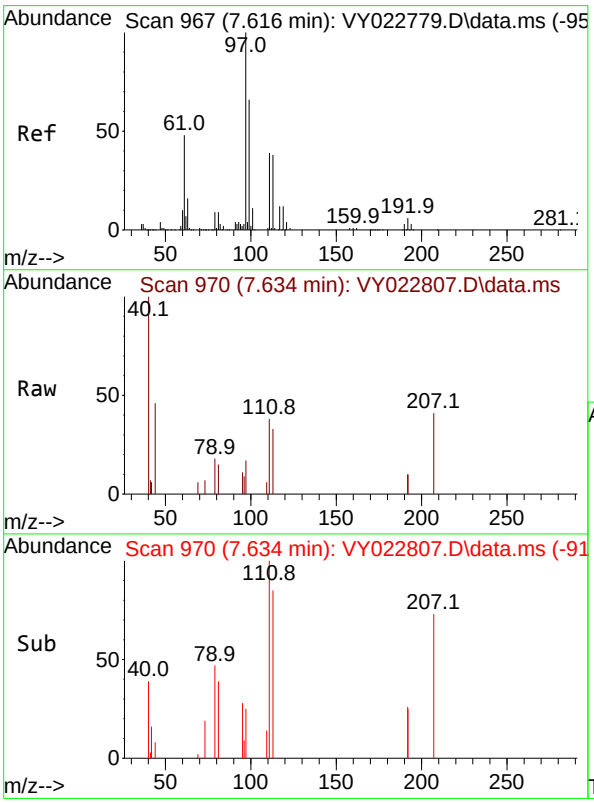
#31
Cyclohexane
Concen: 1.926 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 56 Resp: 139

Ion	Ratio	Lower	Upper
56	100		
69	56.6	27.0	40.6#
84	48.4	72.6	109.0#

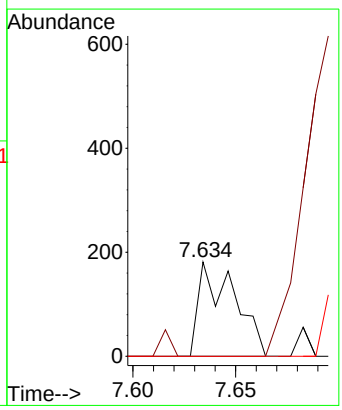


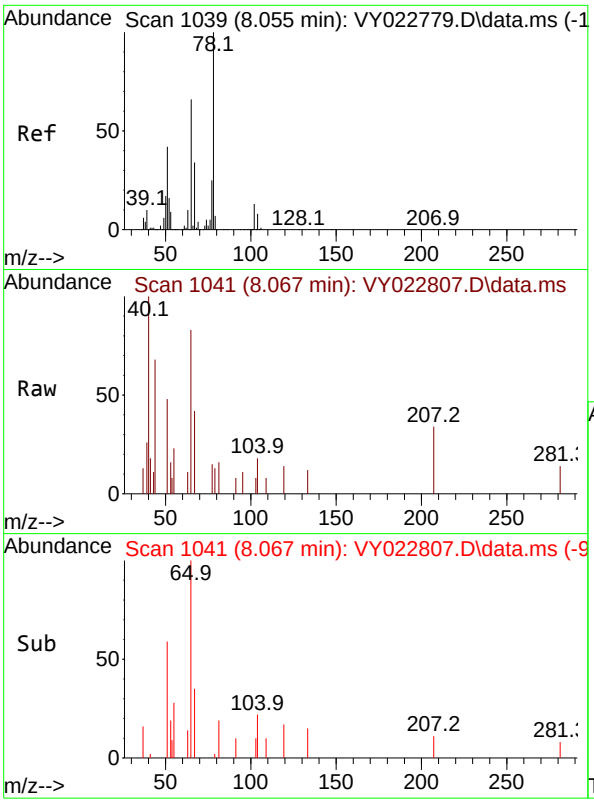


#32
1,1,1-Trichloroethane
Concen: 3.130 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 97 Resp: 219

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.9	76.3#
61	0.0	38.5	57.7#



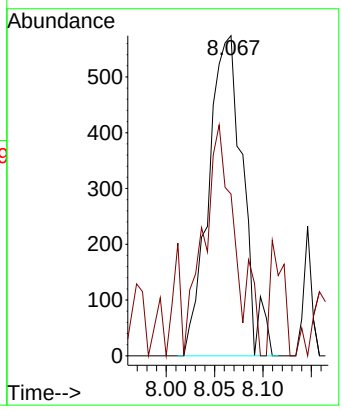


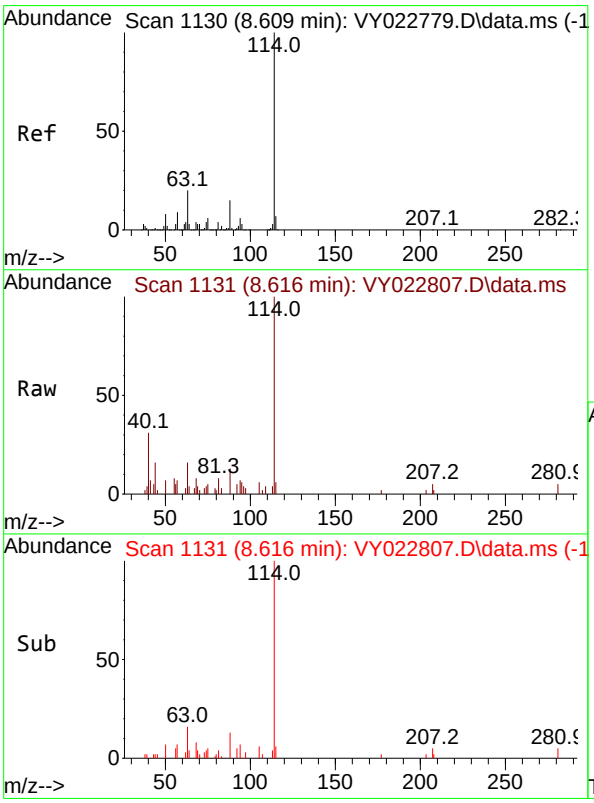
#33
1,2-Dichloroethane-d4
Concen: 33.587 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 65 Resp: 1411

Ion	Ratio	Lower	Upper
65	100		
67	59.1	0.0	103.4

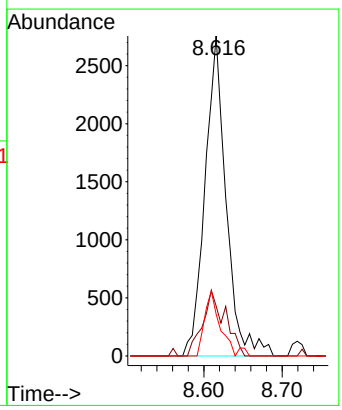


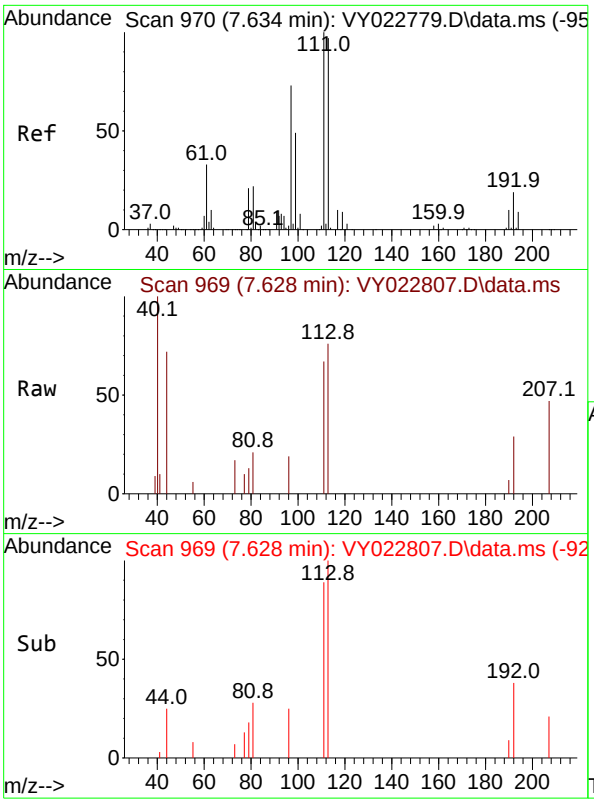


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:114 Resp: 5166

Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	40.8
88	13.1	0.0	27.8



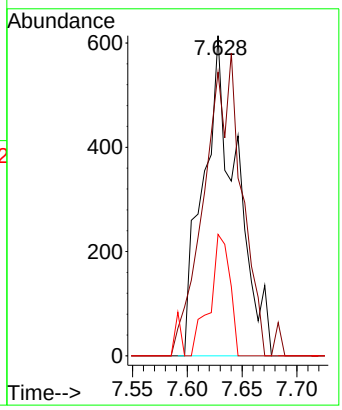


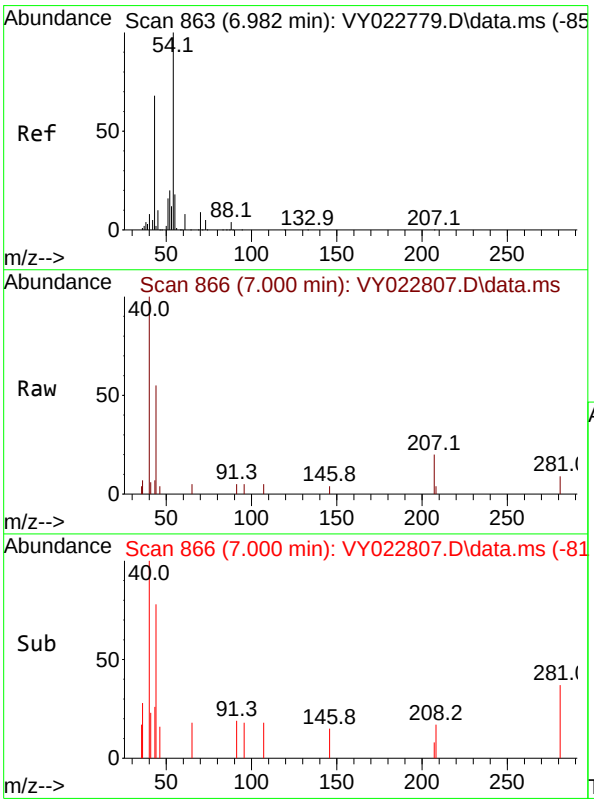
#35
Dibromofluoromethane
Concen: 41.761 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:113 Resp: 1312

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	22.6	14.2	21.2#

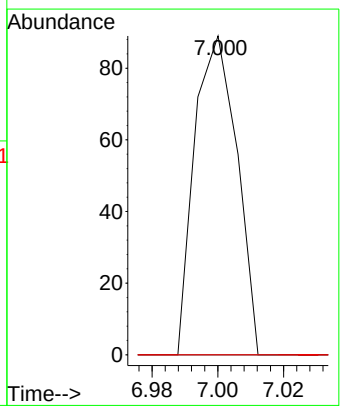


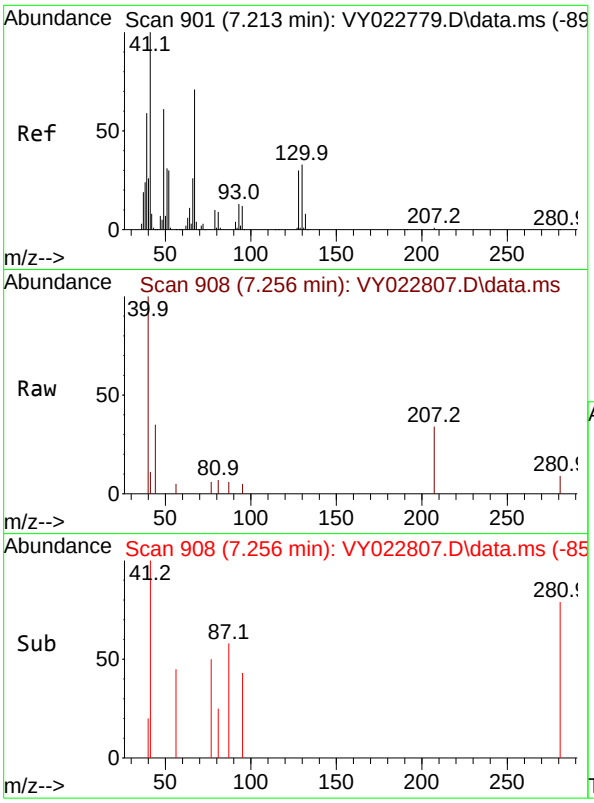


#37
Ethyl Acetate
Concen: 3.844 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 43 Resp: 79

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.2	10.8#



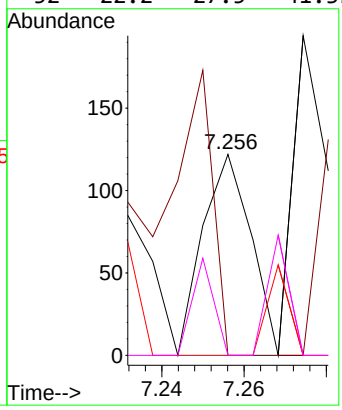


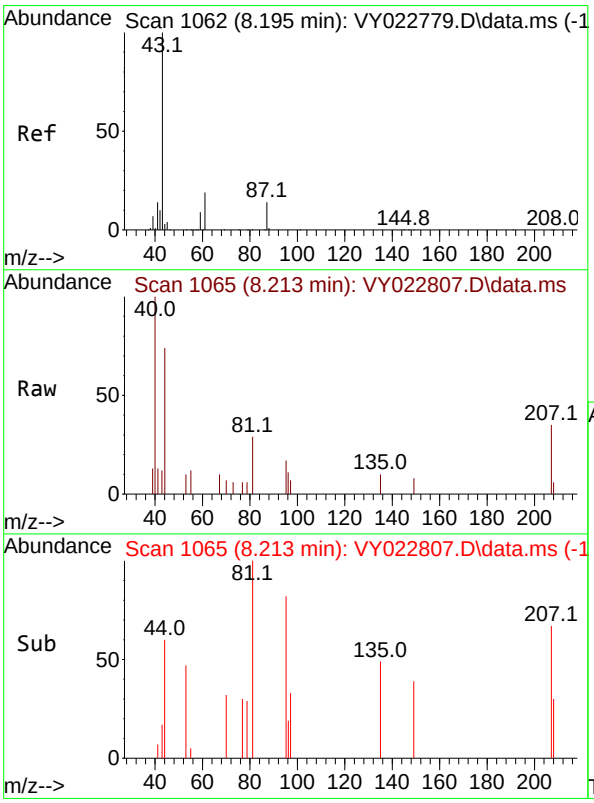
#41
Methacrylonitrile
Concen: 7.826 ug/l
RT: 7.256 min Scan# 9
Delta R.T. 0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 41 Resp: 99

Ion	Ratio	Lower	Upper
41	100		
39	103.0	46.6	69.8#
67	0.0	63.3	94.9#
52	22.2	27.5	41.3#

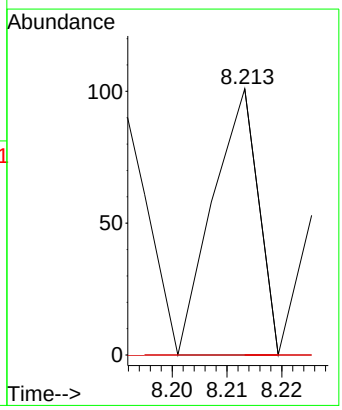


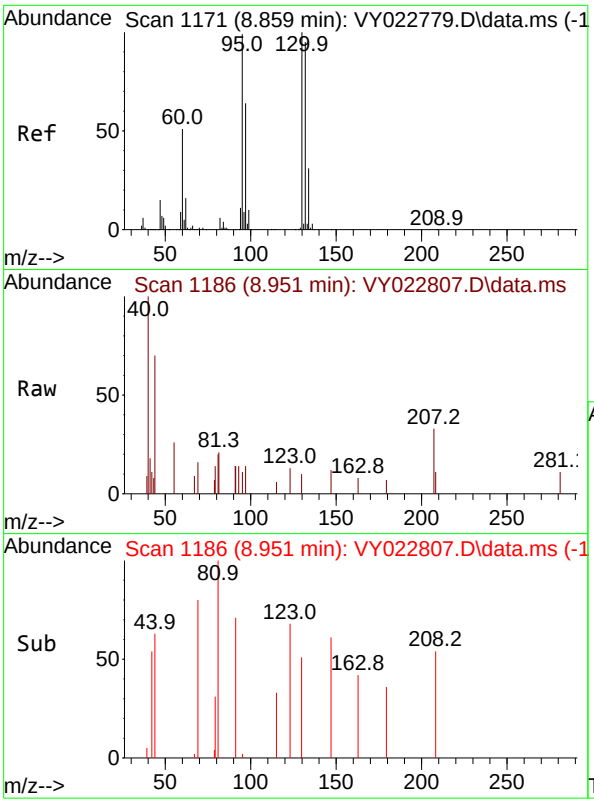


#43
Isopropyl Acetate
Concen: 1.358 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 43 Resp: 58

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.6	23.4#
87	0.0	10.2	15.4#



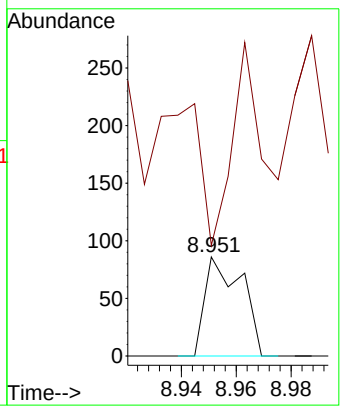


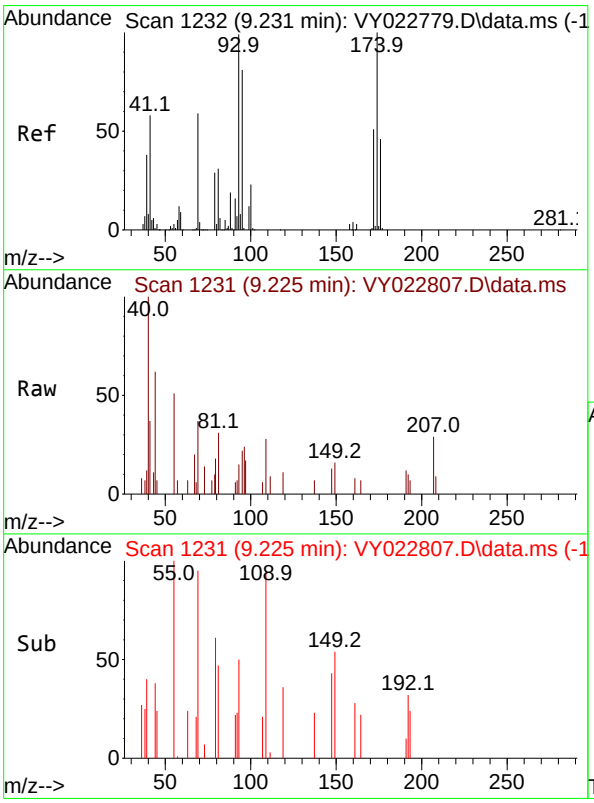
#44
Trichloroethene
Concen: 2.176 ug/l
RT: 8.951 min Scan# 11
Delta R.T. 0.085 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:130 Resp: 80

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	203.0

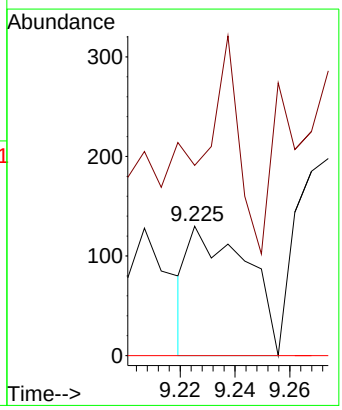


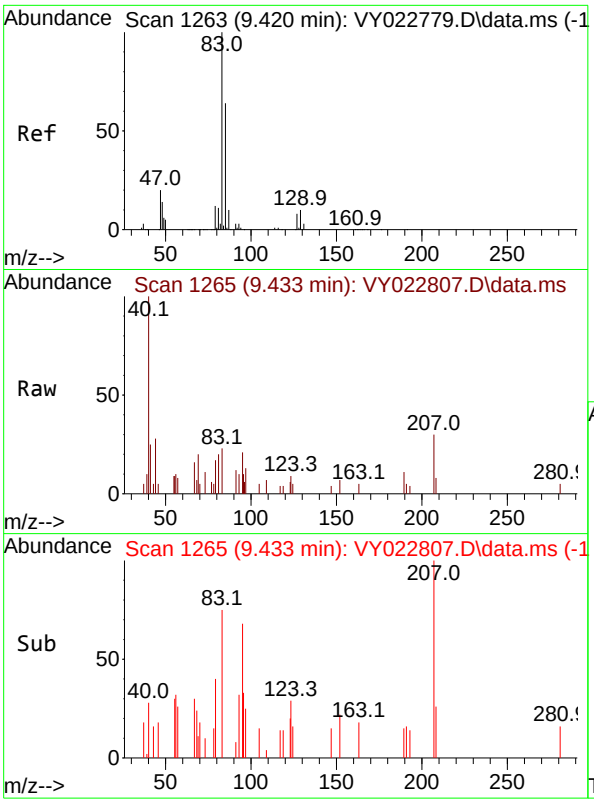


#46
Dibromomethane
Concen: 9.819 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 93 Resp: 191

Ion	Ratio	Lower	Upper
93	100		
95	73.8	65.6	98.4
174	0.0	70.4	105.6#



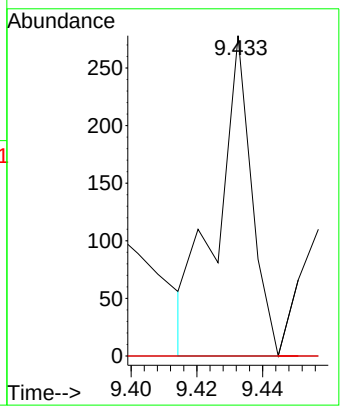


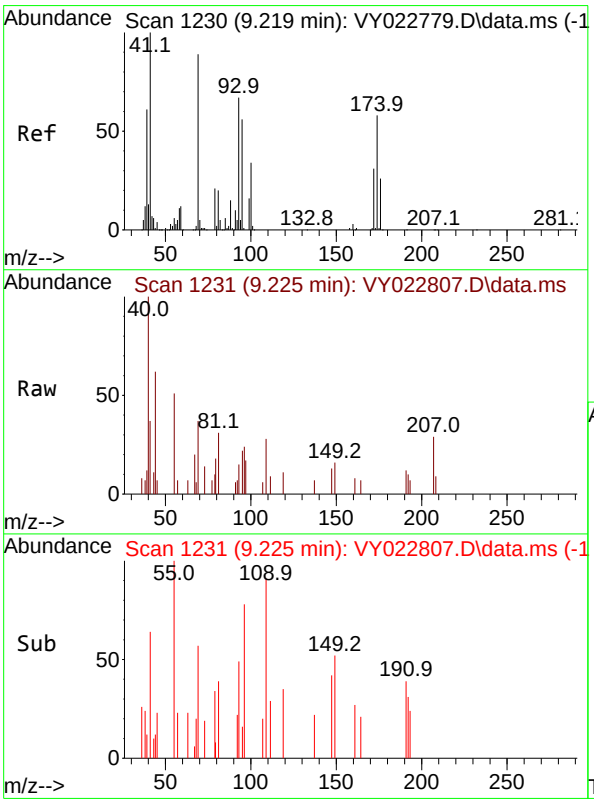
#47
Bromodichloromethane
Concen: 4.027 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 83 Resp: 202

Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.1	73.7#
127	0.0	6.2	9.4#

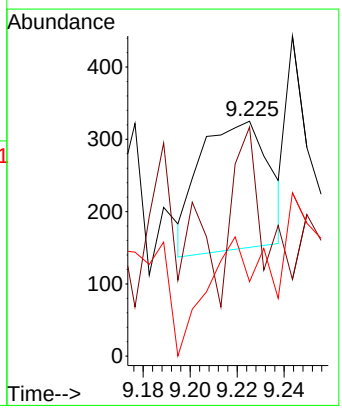


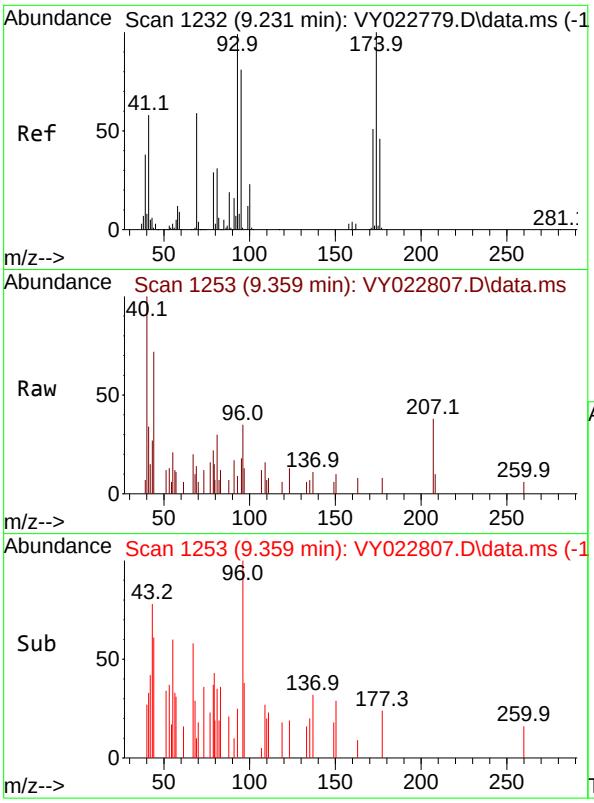


#48
Methyl methacrylate
Concen: 17.680 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 41 Resp: 363

Ion	Ratio	Lower	Upper
41	100		
69	65.3	67.8	101.8#
39	55.9	55.0	82.4



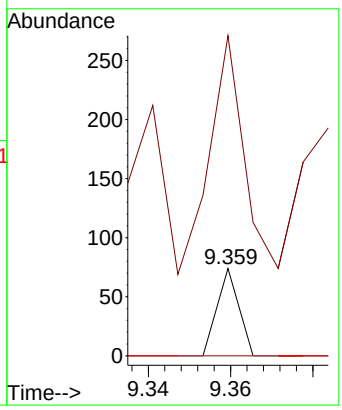


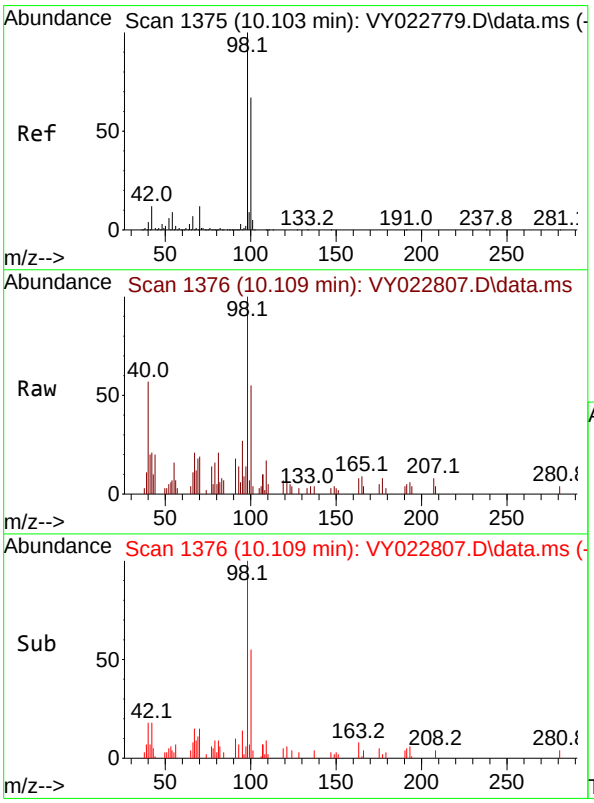
#49
1,4-Dioxane
Concen: 117.483 ug/l
RT: 9.359 min Scan# 1
Delta R.T. 0.116 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	429.6	25.4	38.2#
58	0.0	54.9	82.3#

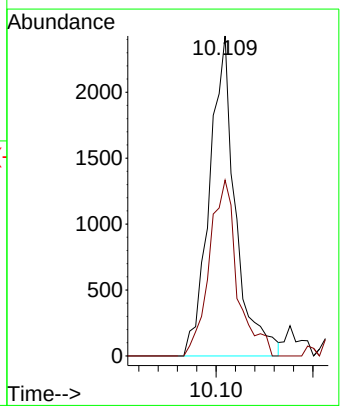


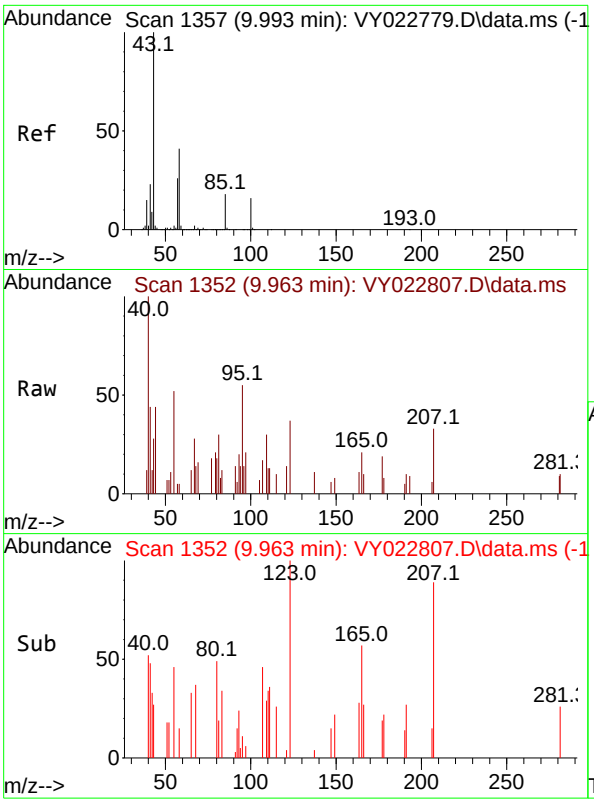


#50
Toluene-d8
Concen: 36.256 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 98 Resp: 4520

Ion	Ratio	Lower	Upper
98	100		
100	59.1	51.4	77.0



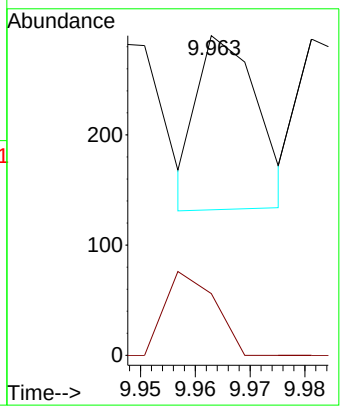


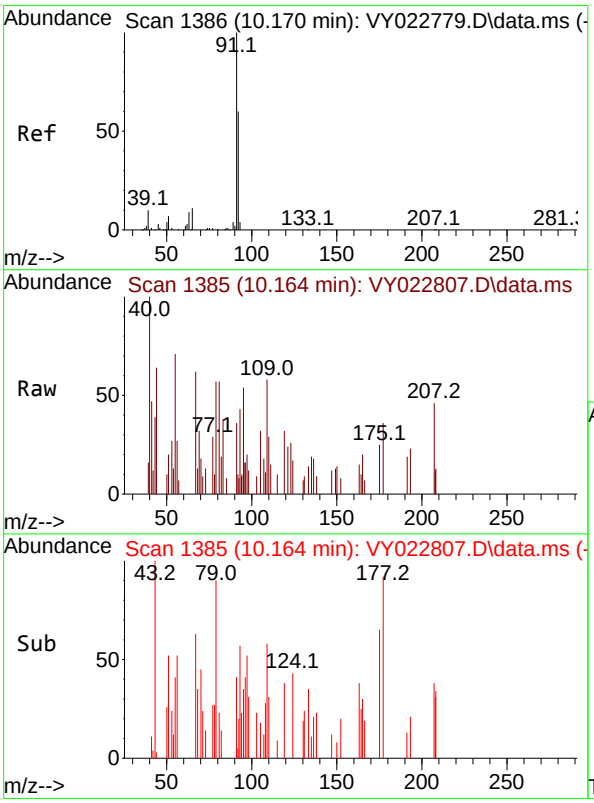
#51
4-Methyl-2-Pentanone
Concen: 5.575 ug/l
RT: 9.963 min Scan# 1
Delta R.T. -0.037 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 43 Resp: 121

Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.4	45.6

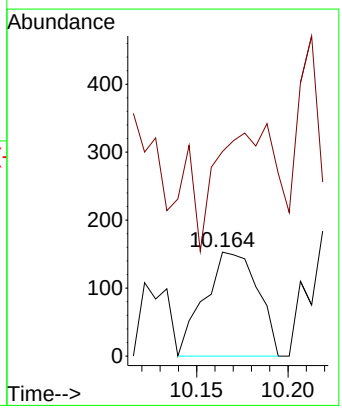


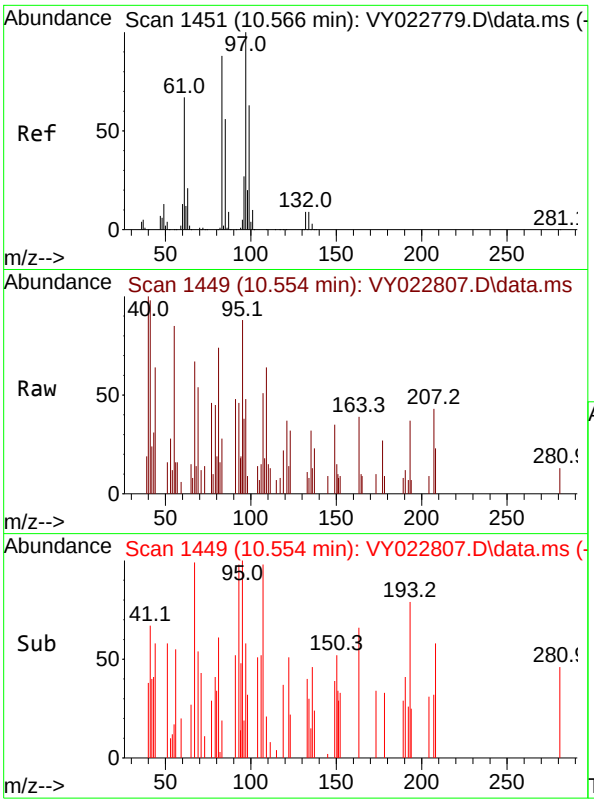


#52
Toluene
Concen: 3.345 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 92 Resp: 309

Ion	Ratio	Lower	Upper
92	100		
91	0.0	139.0	208.4#



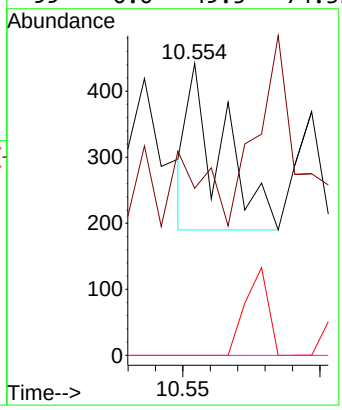


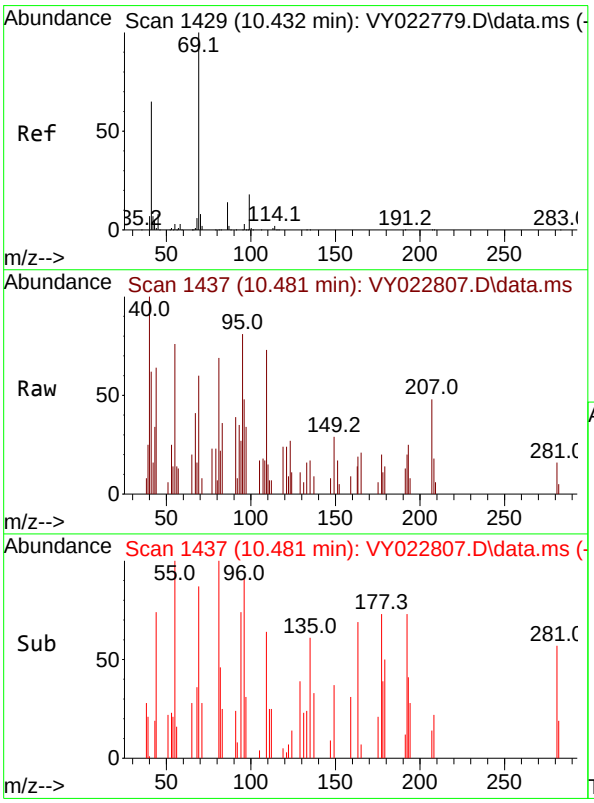
#55
1,1,2-Trichloroethane
Concen: 8.615 ug/l
RT: 10.554 min Scan# 14
Delta R.T. -0.018 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 97 Resp: 217

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	48.2	72.2#
99	0.0	49.5	74.3#

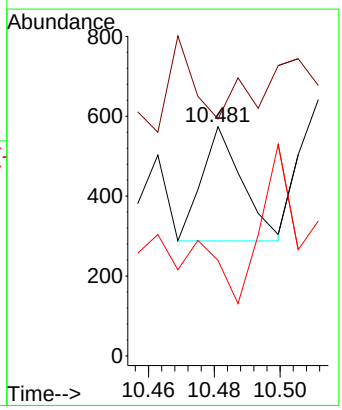


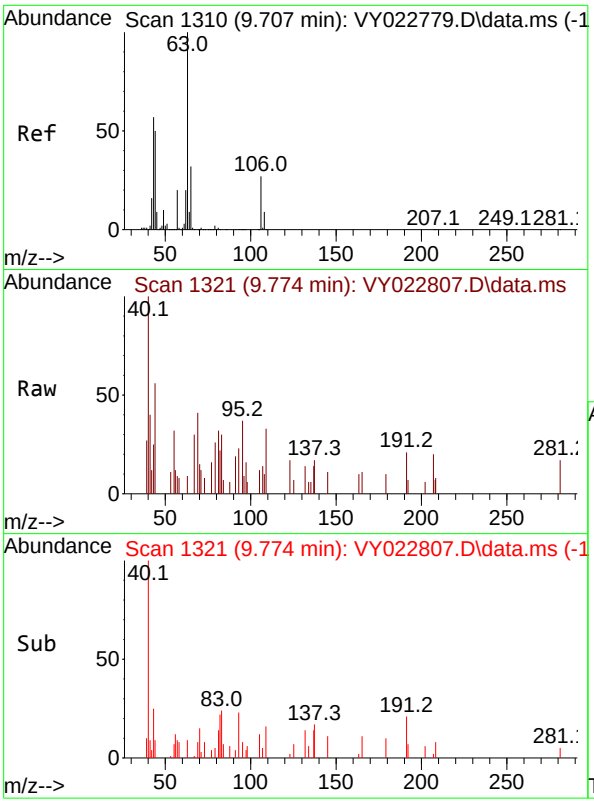


#56
Ethyl methacrylate
Concen: 7.230 ug/l
RT: 10.481 min Scan# 1437
Delta R.T. 0.036 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 69 Resp: 245

Ion	Ratio	Lower	Upper
69	100		
41	54.3	52.2	78.2
39	0.0	36.7	55.1#



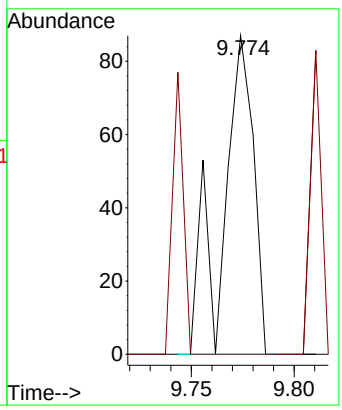


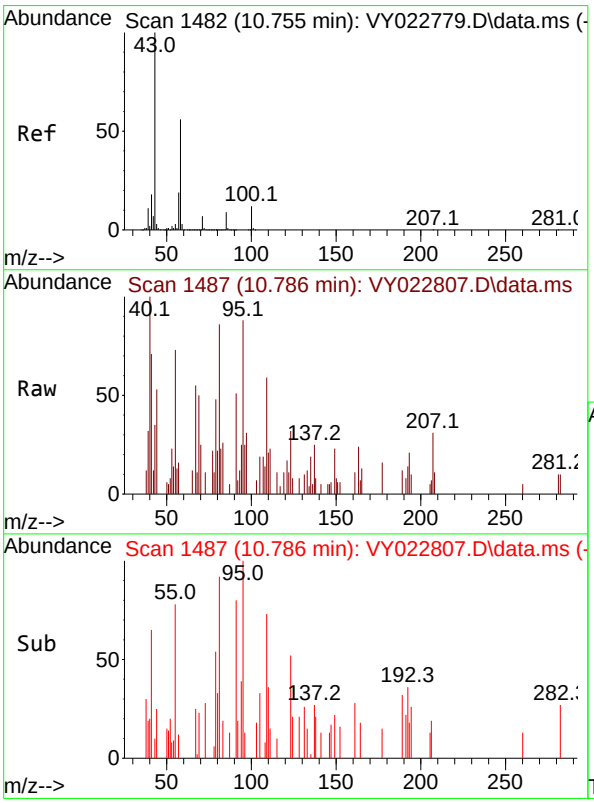
#58
2-Chloroethyl Vinyl ether
Concen: 20.497 ug/l
RT: 9.774 min Scan# 1
Delta R.T. 0.061 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 63 Resp: 92

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.6	32.4#

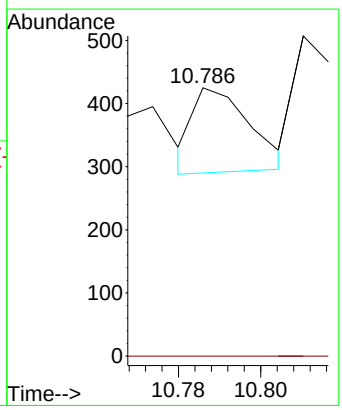


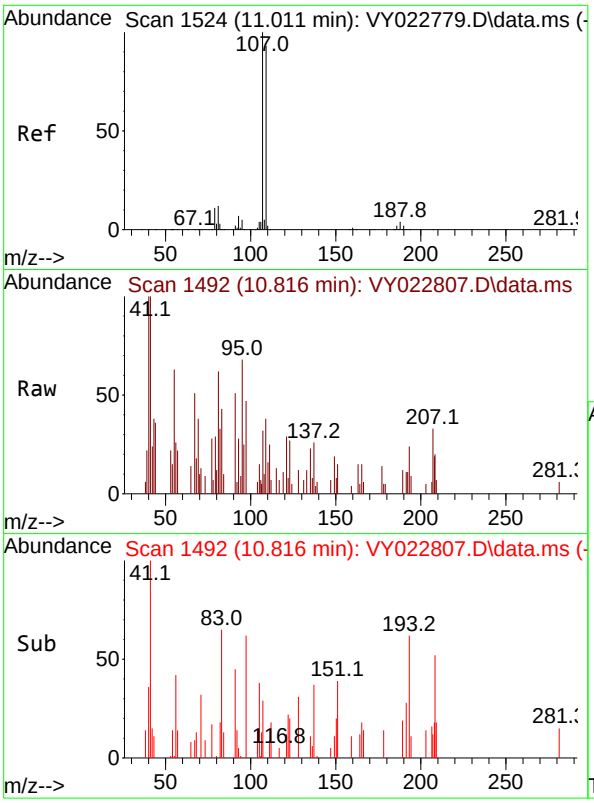


#59
2-Hexanone
Concen: 8.742 ug/l
RT: 10.786 min Scan# 1487
Delta R.T. 0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 43 Resp: 129

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.3	81.8#



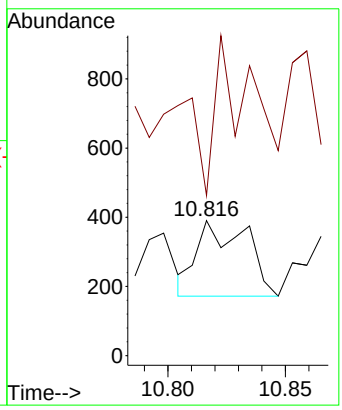


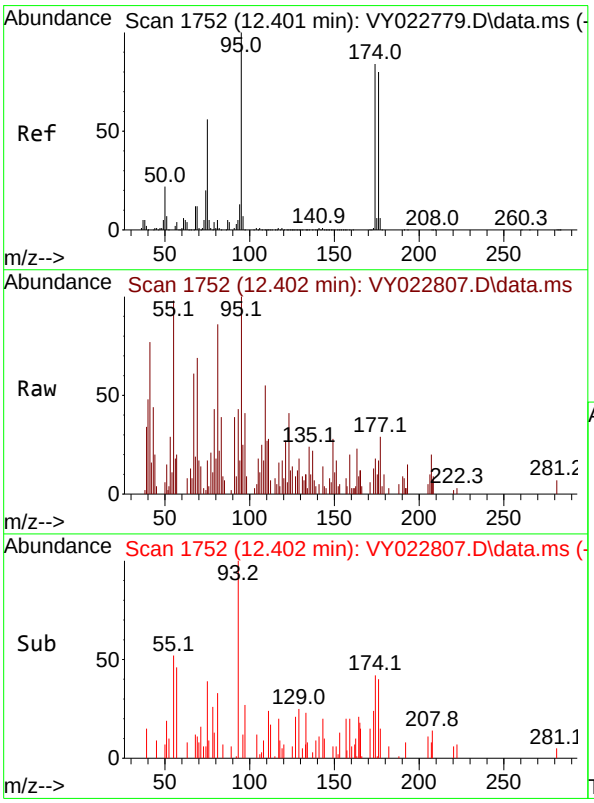
#61
1,2-Dibromoethane
Concen: 13.406 ug/l
RT: 10.816 min Scan# 14
Delta R.T. -0.201 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:107 Resp: 316

Ion	Ratio	Lower	Upper
107	100		
109	89.9	77.7	116.5

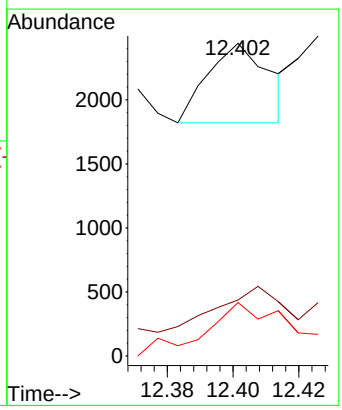


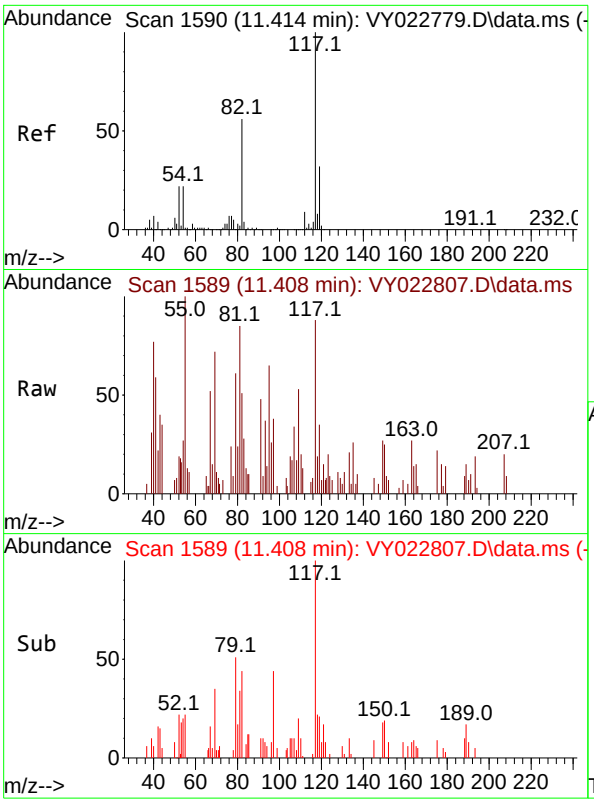


#62
4-Bromofluorobenzene
Concen: 20.111 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 95 Resp: 806

Ion	Ratio	Lower	Upper
95	100		
174	134.0	0.0	170.0
176	98.5	0.0	166.2



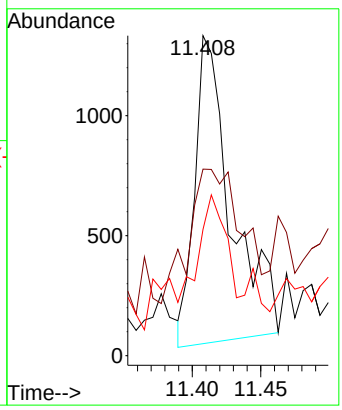


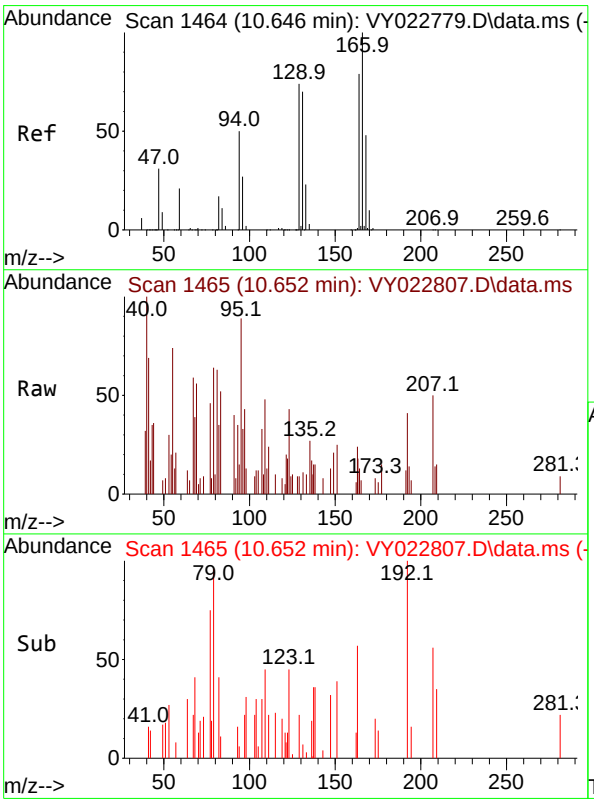
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.408 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:117 Resp: 2371

Ion	Ratio	Lower	Upper
117	100		
82	27.0	44.6	66.8#
119	24.6	25.4	38.0#

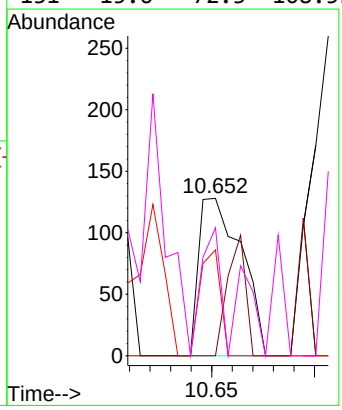


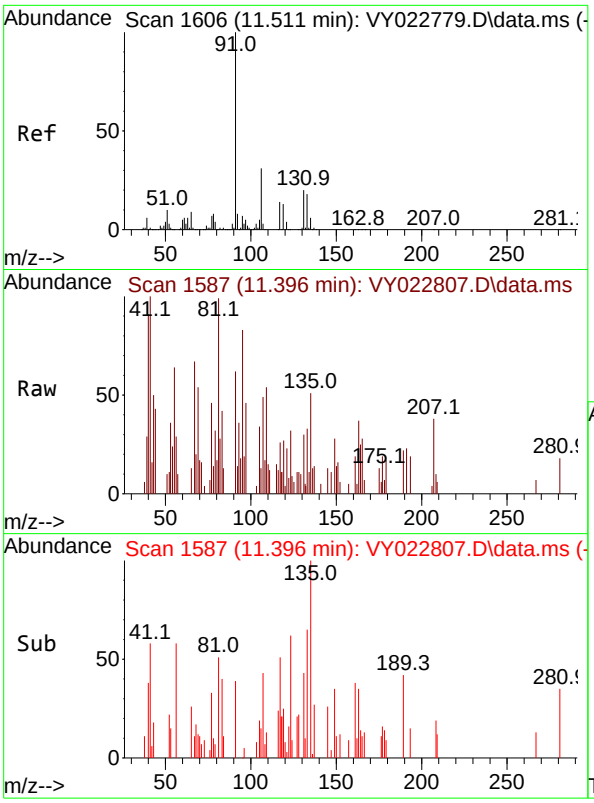


#64
Tetrachloroethene
Concen: 8.259 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:164 Resp: 185

Ion	Ratio	Lower	Upper
164	100		
166	0.0	104.0	156.0#
129	67.2	74.5	111.7#
131	15.6	72.3	108.5#



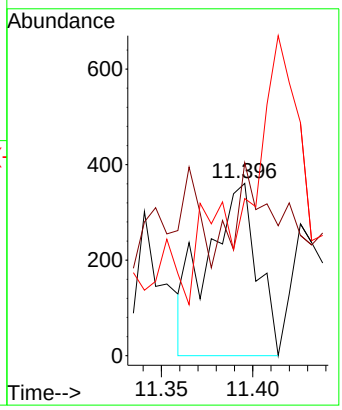


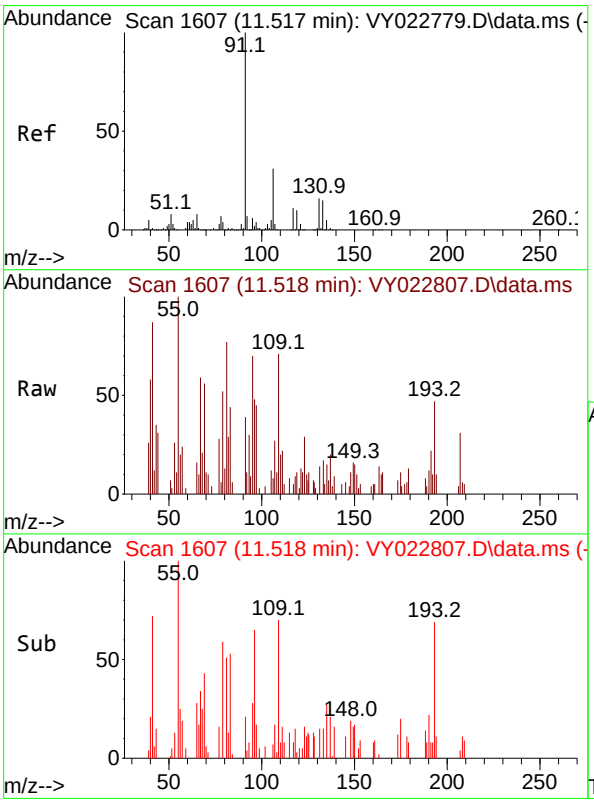
#66
1,1,1,2-Tetrachloroethane
Concen: 38.649 ug/l
RT: 11.396 min Scan# 1
Delta R.T. -0.122 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:131 Resp: 682

Ion	Ratio	Lower	Upper
131	100		
133	67.0	47.3	141.8
119	38.1	33.1	99.3

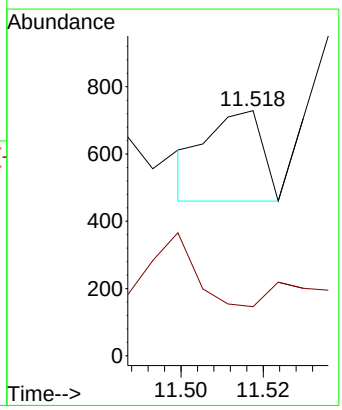


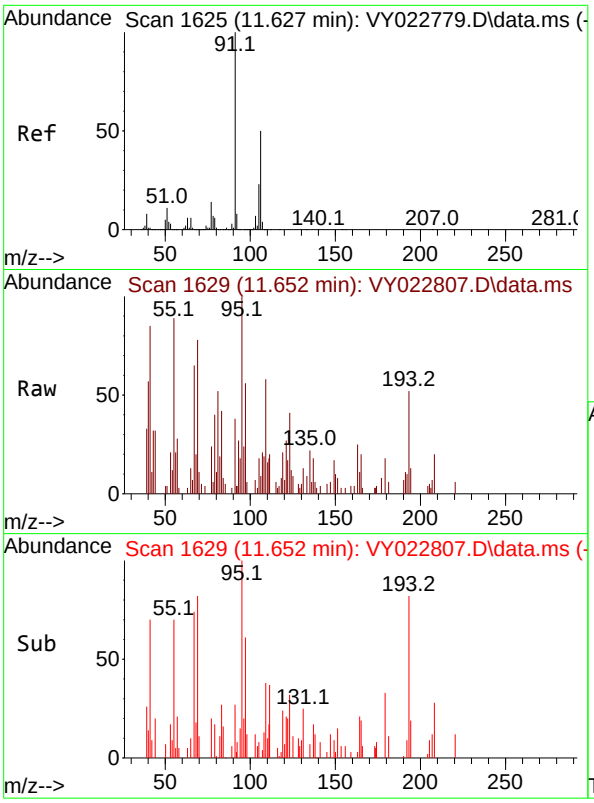


#67
Ethyl Benzene
Concen: 2.753 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 91 Resp: 252

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.4#



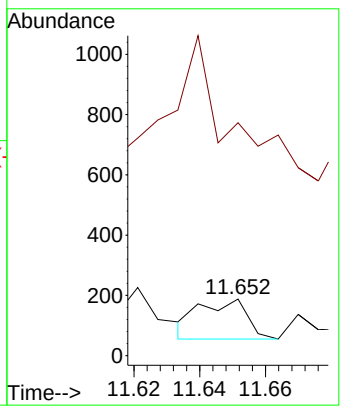


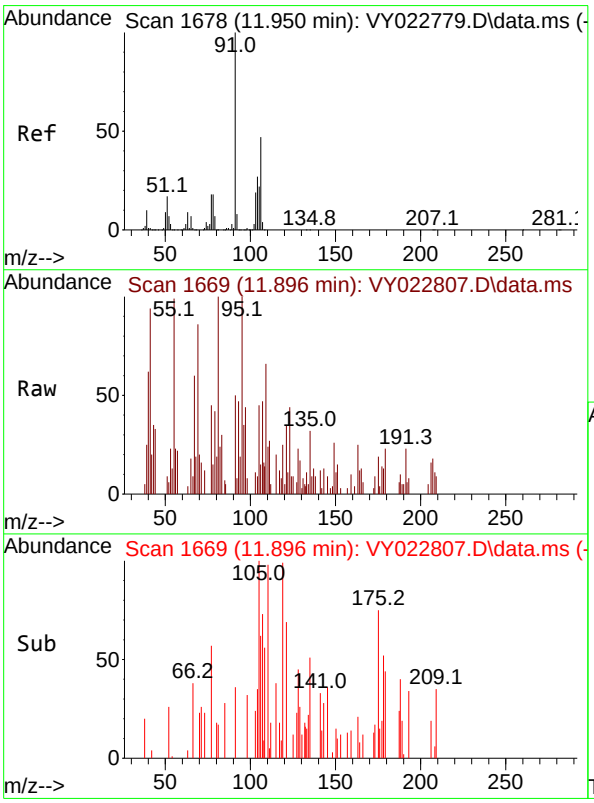
#68
m/p-Xylenes
Concen: 3.730 ug/l
RT: 11.652 min Scan# 1(
Delta R.T. 0.018 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:106 Resp: 132

Ion	Ratio	Lower	Upper
106	100		
91	456.8	159.4	239.0#

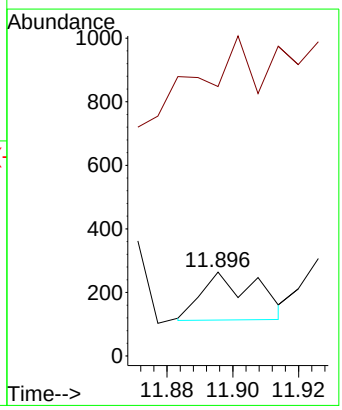


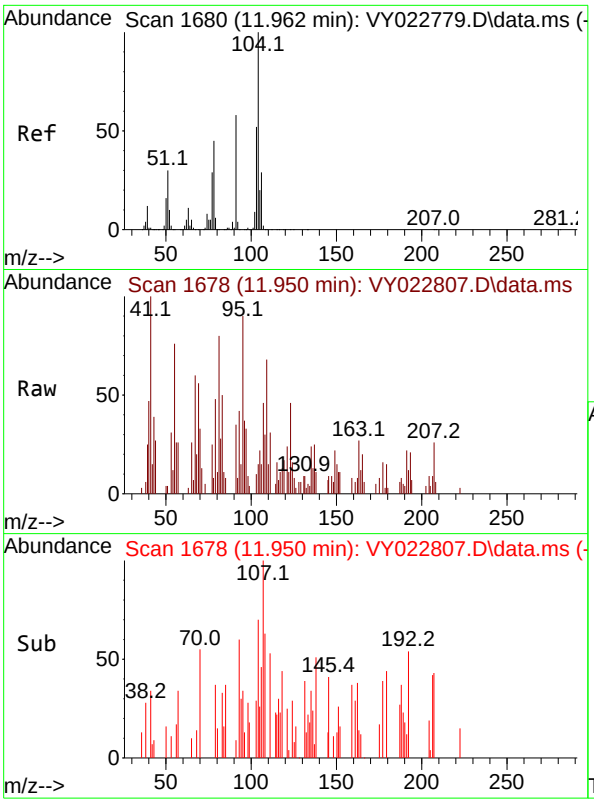


#69
o-Xylene
Concen: 5.189 ug/l
RT: 11.896 min Scan# 1669
Delta R.T. -0.061 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:106 Resp: 173

Ion	Ratio	Lower	Upper
106	100		
91	183.8	105.8	317.3



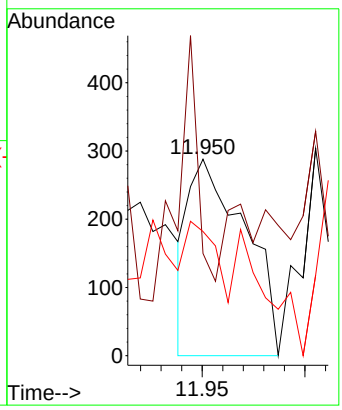


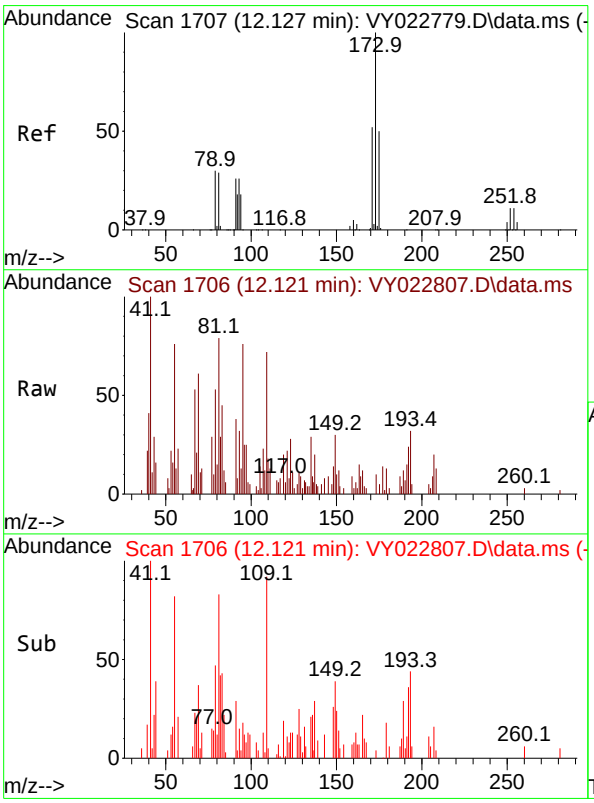
#70
Styrene
Concen: 9.920 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:104 Resp: 554

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	21.3	44.1	66.1#

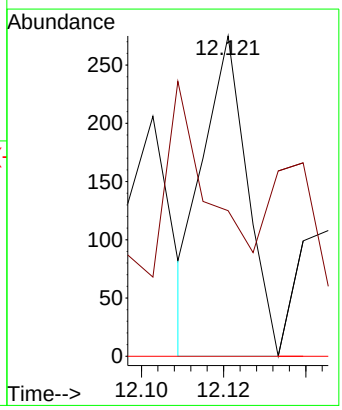


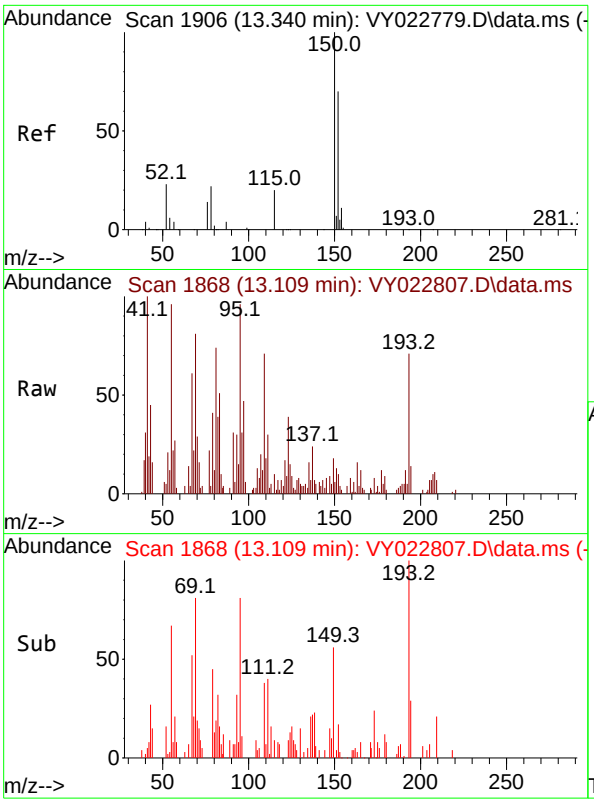


#71
Bromoform
Concen: 20.762 ug/l
RT: 12.121 min Scan# 1706
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:173 Resp: 204

Ion	Ratio	Lower	Upper
173	100		
175	45.1	23.8	71.5
254	0.0	0.0	0.0



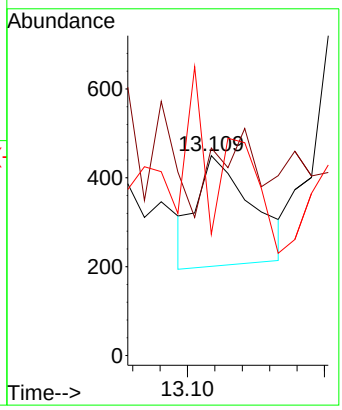


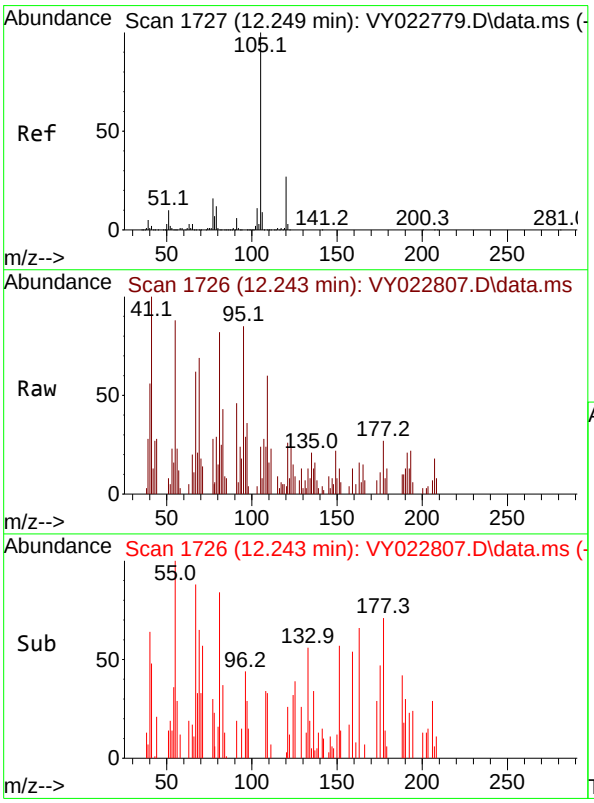
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.109 min Scan# 1
Delta R.T. -0.238 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:152 Resp: 342

Ion	Ratio	Lower	Upper
152	100		
115	67.5	28.9	86.7
150	40.4	0.0	349.6

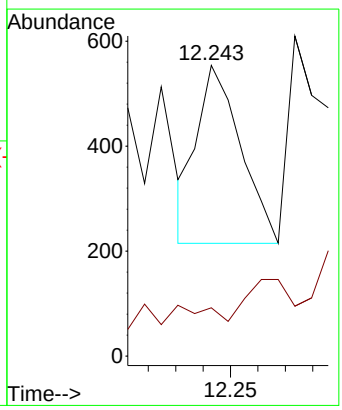


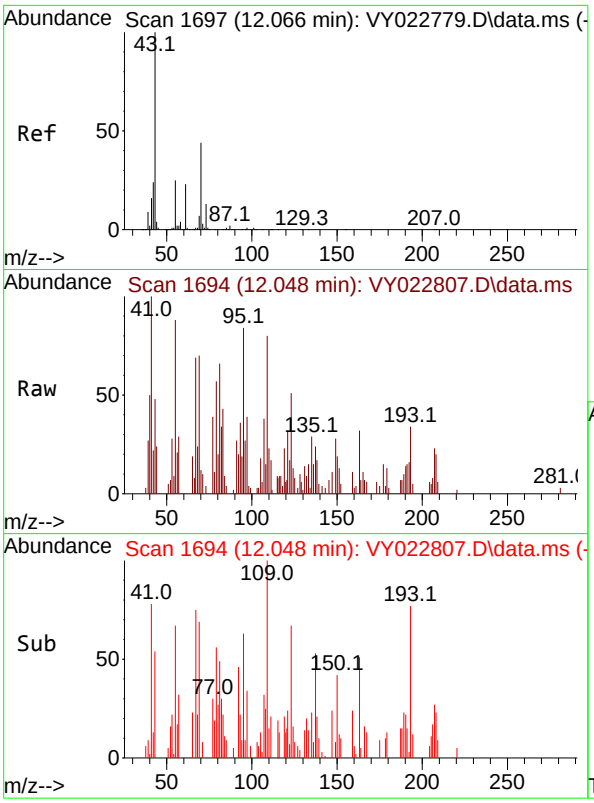


#73
Isopropylbenzene
Concen: 14.866 ug/l
RT: 12.243 min Scan# 1726
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:105 Resp: 376

Ion	Ratio	Lower	Upper
105	100		
120	22.6	13.0	38.9



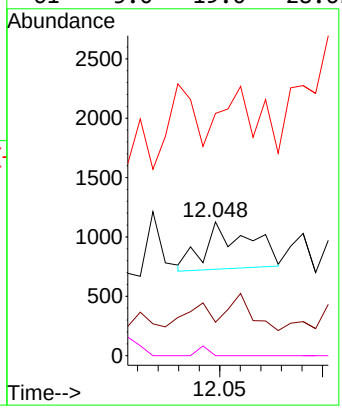


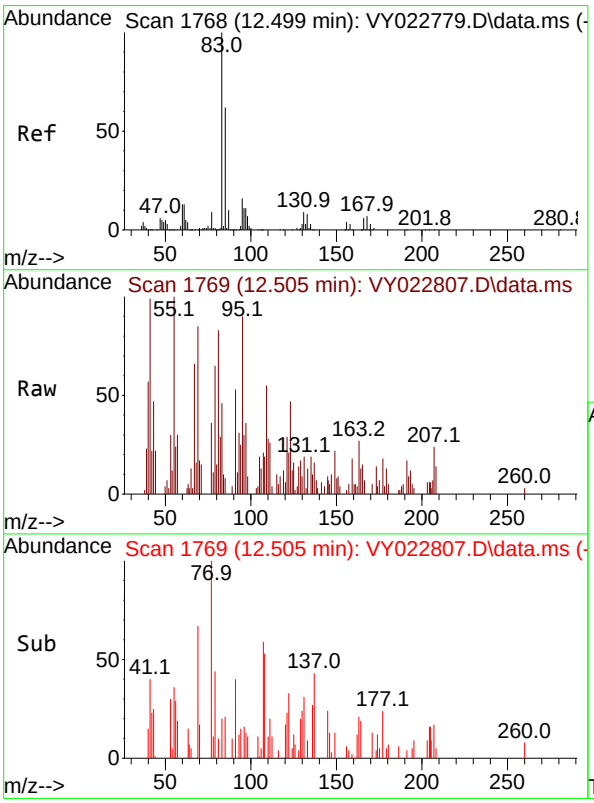
#74
N-amyl acetate
Concen: 106.035 ug/l
RT: 12.048 min Scan# 1(
Delta R.T. -0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 43 Resp: 602

Ion	Ratio	Lower	Upper
43	100		
70	45.5	34.2	51.2
55	109.8	18.2	27.4#
61	5.0	19.0	28.6#

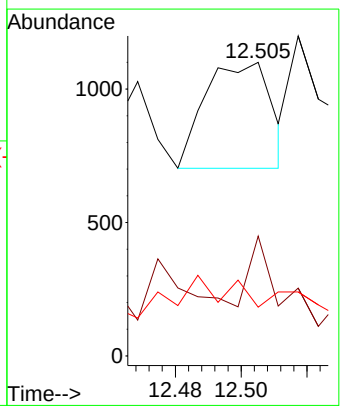


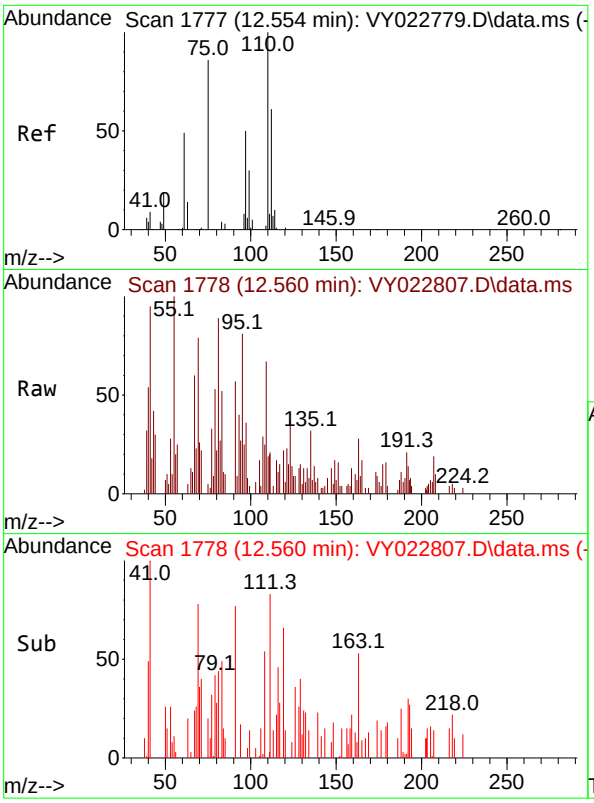


#75
1,1,2,2-Tetrachloroethane
Concen: 135.903 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 83 Resp: 554

Ion	Ratio	Lower	Upper
83	100		
131	36.8	4.9	14.7#
85	0.0	32.6	97.8#



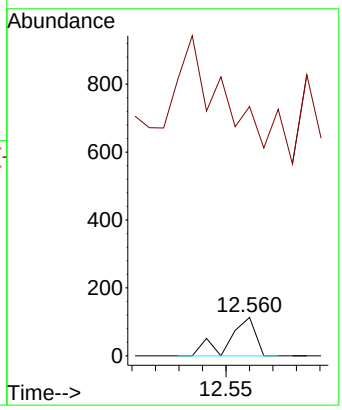


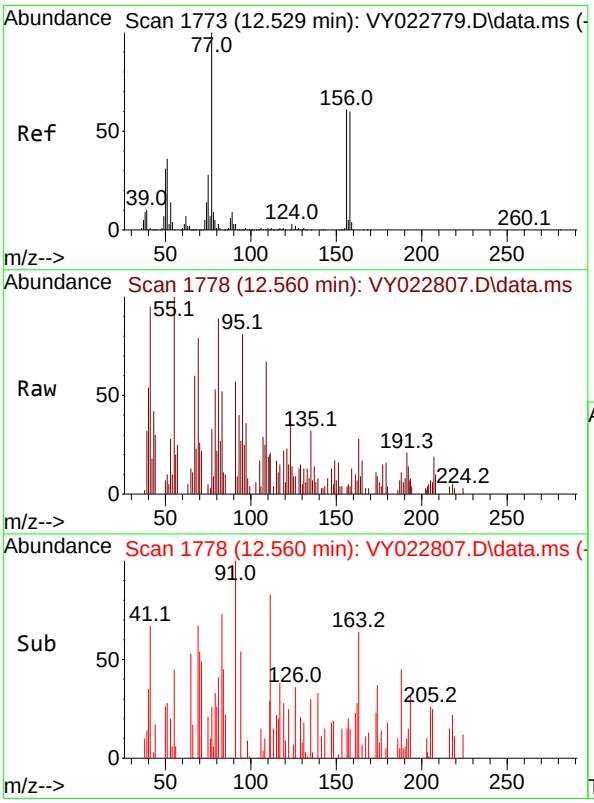
#76
1,2,3-Trichloropropane
Concen: 24.917 ug/l
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 75 Resp: 87

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

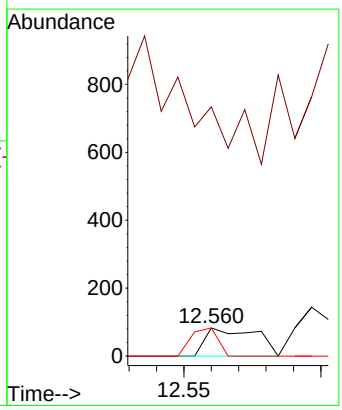


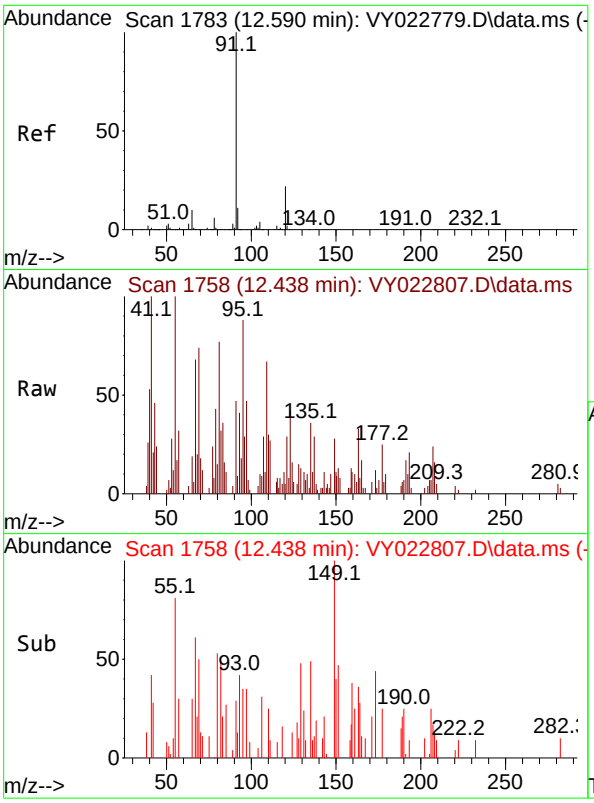


#77
Bromobenzene
Concen: 18.489 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:156 Resp: 106

Ion	Ratio	Lower	Upper
156	100		
77	0.0	94.0	282.1#
158	52.8	48.2	144.6



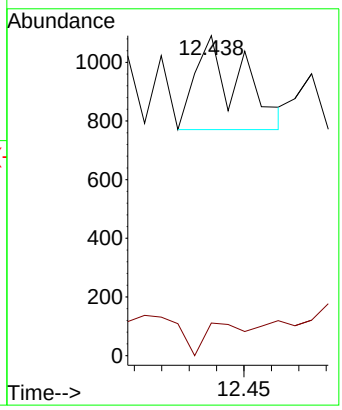


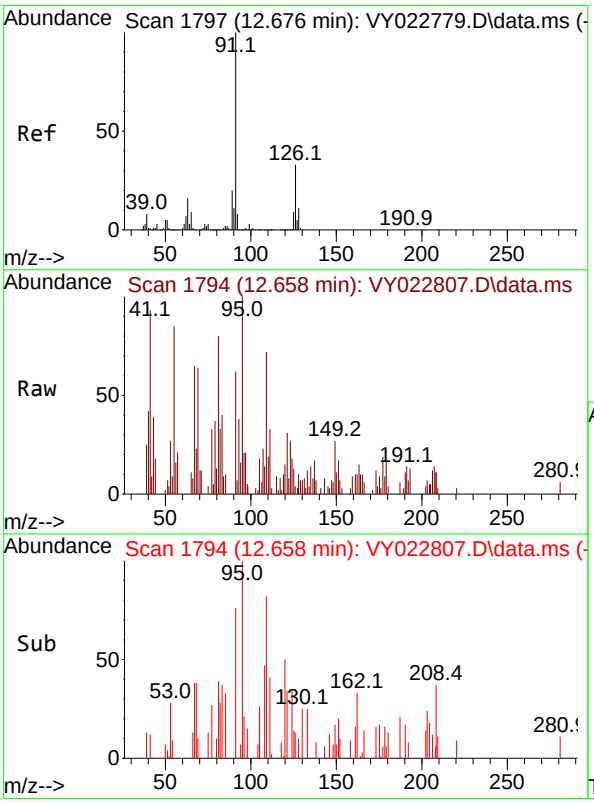
#78
n-propylbenzene
Concen: 11.920 ug/l
RT: 12.438 min Scan# 1
Delta R.T. -0.159 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 91 Resp: 364

Ion	Ratio	Lower	Upper
91	100		
120	29.9	10.8	32.4

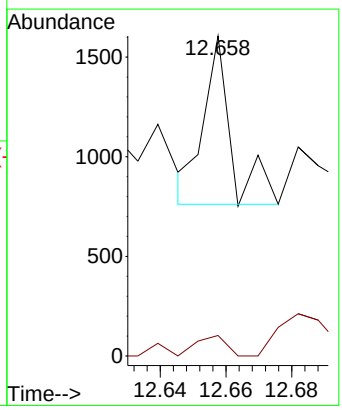


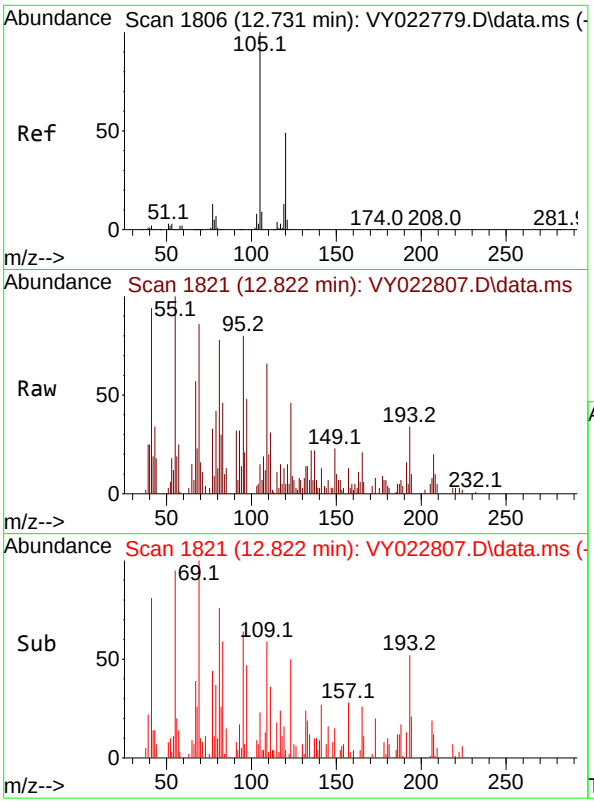


#79
2-Chlorotoluene
Concen: 28.284 ug/l
RT: 12.658 min Scan# 1794
Delta R.T. -0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 91 Resp: 488

Ion	Ratio	Lower	Upper
91	100		
126	18.2	17.0	51.0



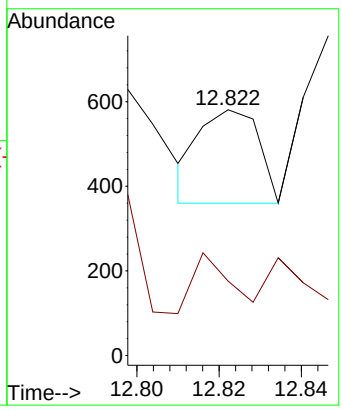


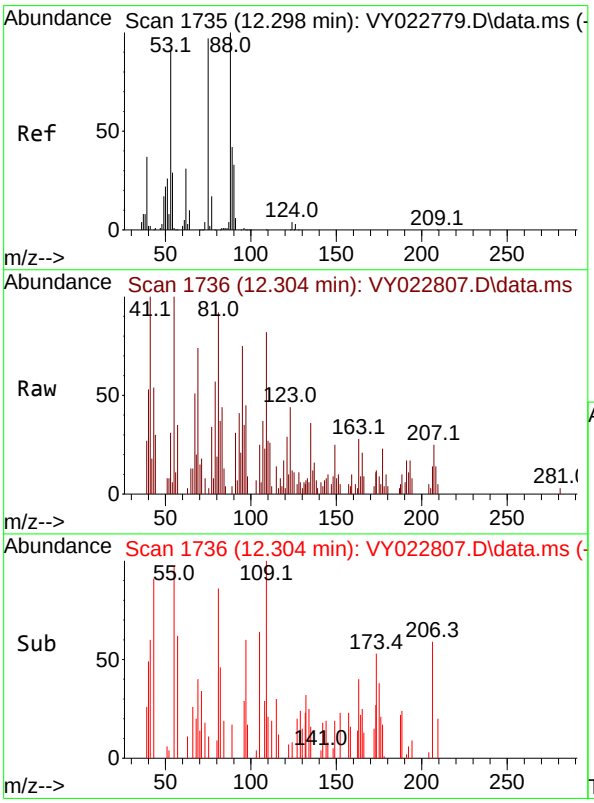
#80
1,3,5-Trimethylbenzene
Concen: 10.775 ug/l
RT: 12.822 min Scan# 1
Delta R.T. 0.085 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:105 Resp: 220

Ion	Ratio	Lower	Upper
105	100		
120	41.4	24.1	72.4

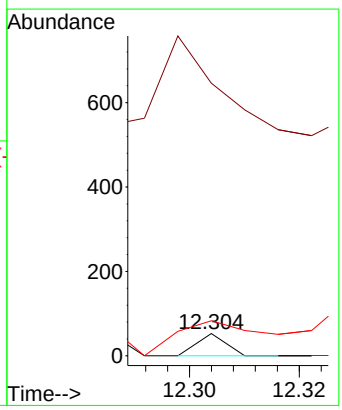


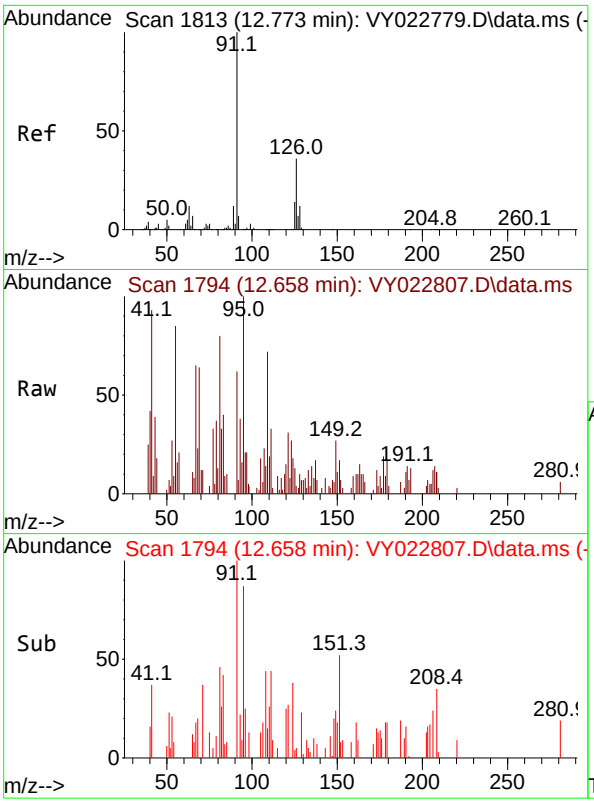


#81
trans-1,4-Dichloro-2-butene
Concen: 13.748 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 75 Resp: 19

Ion	Ratio	Lower	Upper
75	100		
53	1689.5	78.5	117.7#
89	484.2	35.7	53.5#



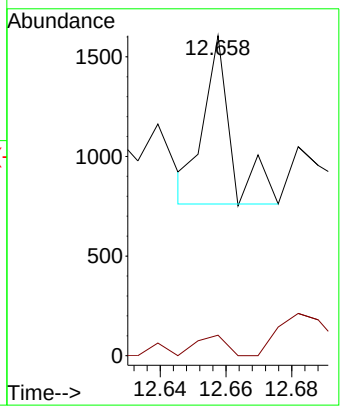


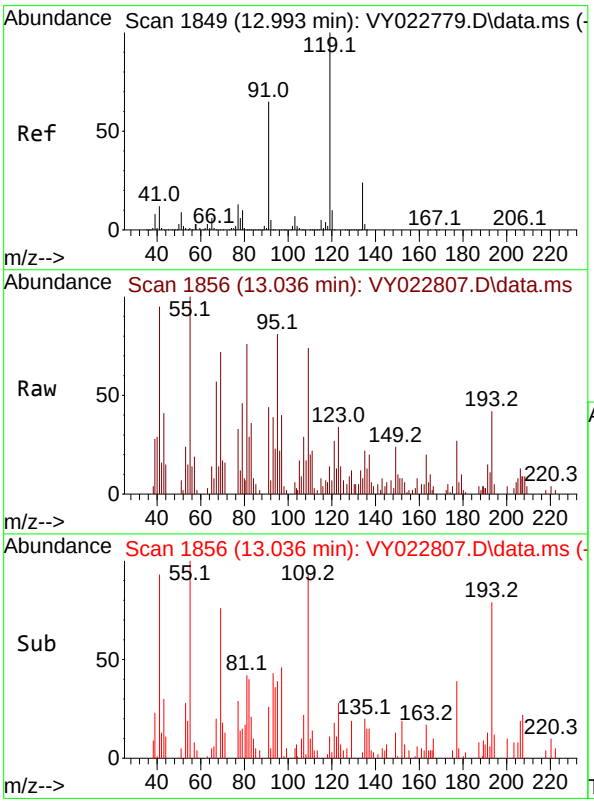
#82
4-Chlorotoluene
Concen: 26.927 ug/l
RT: 12.658 min Scan# 1
Delta R.T. -0.122 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 91 Resp: 488

Ion	Ratio	Lower	Upper
91	100		
126	18.2	17.0	50.9

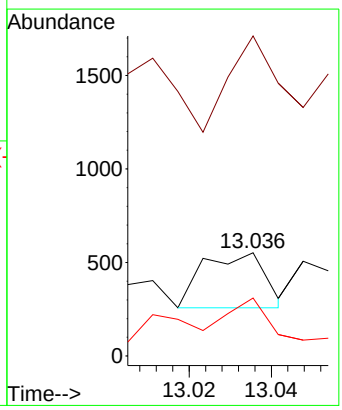


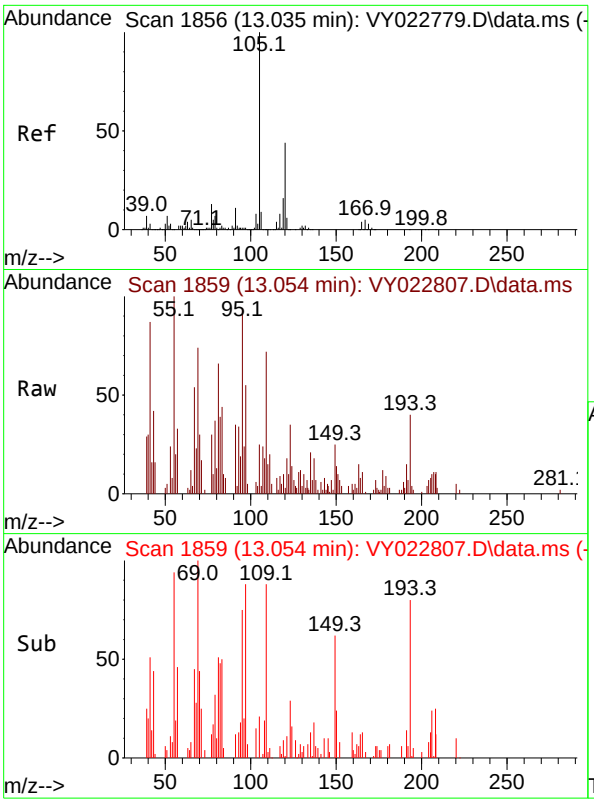


#83
tert-Butylbenzene
Concen: 17.049 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. 0.036 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:119 Resp: 307

Ion	Ratio	Lower	Upper
119	100		
91	160.3	32.1	96.3#
134	91.9	13.0	38.9#



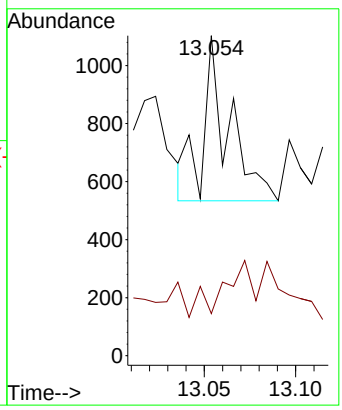


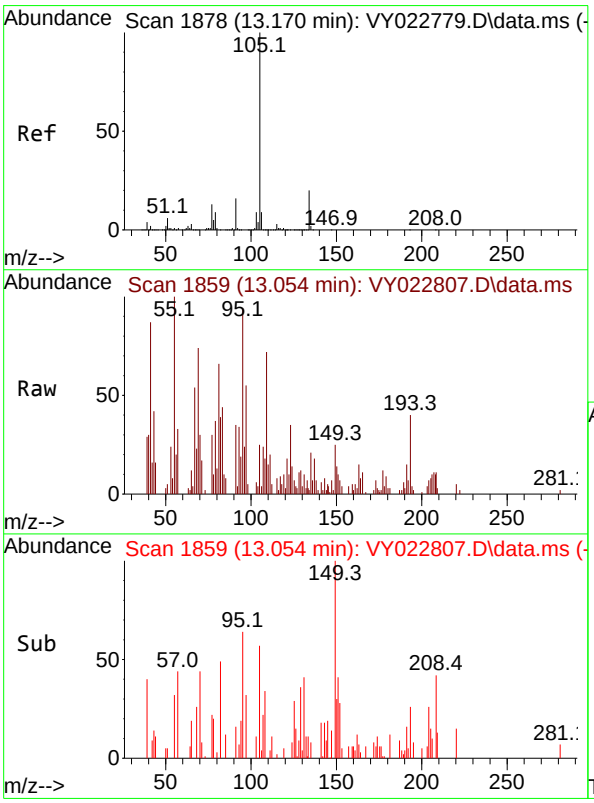
#84
1,2,4-Trimethylbenzene
Concen: 27.296 ug/l
RT: 13.054 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:105 Resp: 558

Ion	Ratio	Lower	Upper
105	100		
120	28.1	22.7	68.1

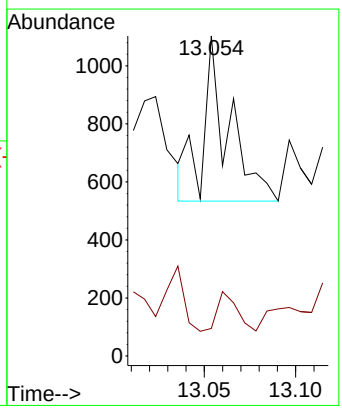


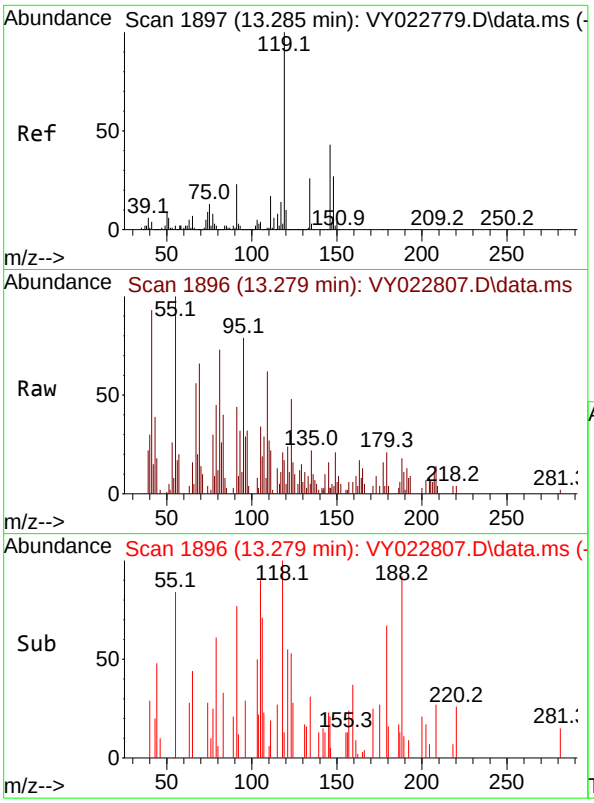


#85
sec-Butylbenzene
Concen: 20.595 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. -0.122 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:105 Resp: 558

Ion	Ratio	Lower	Upper
105	100		
134	18.1	9.7	28.9



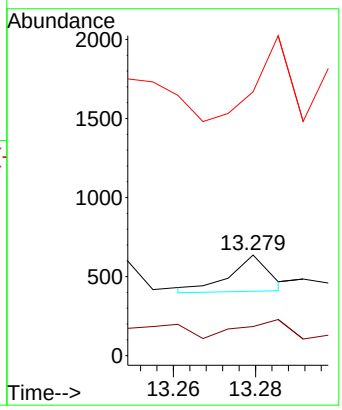


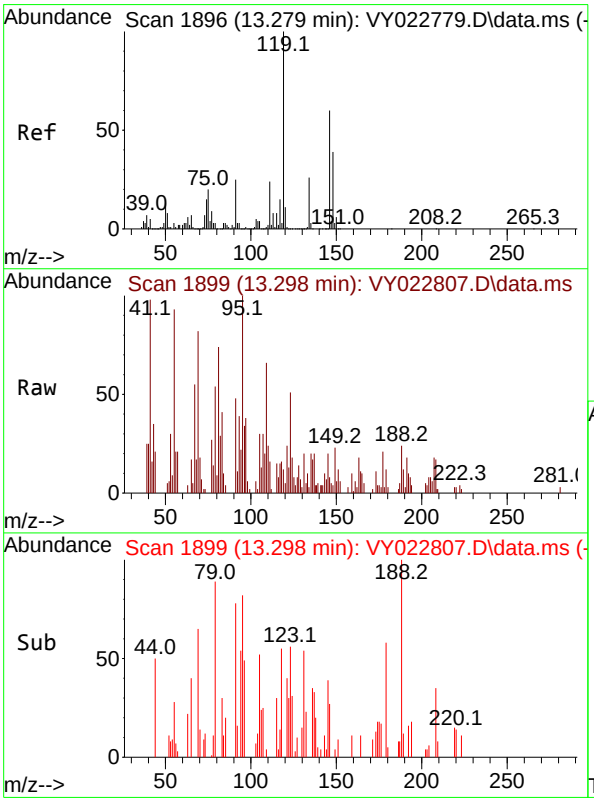
#86
p-Isopropyltoluene
Concen: 6.786 ug/l
RT: 13.279 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:119 Resp: 153

Ion	Ratio	Lower	Upper
119	100		
134	66.0	13.1	39.1#
91	186.9	11.6	34.8#

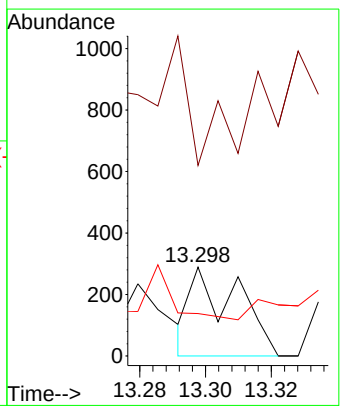


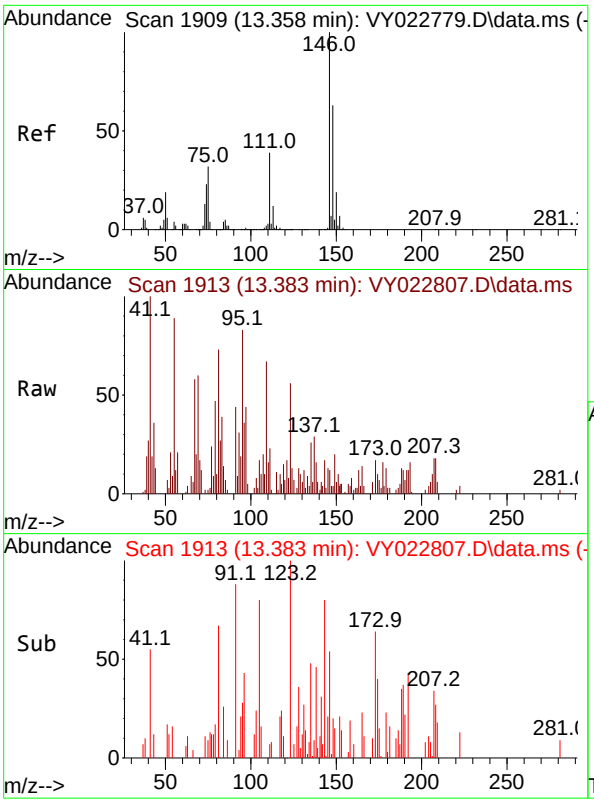


#87
1,3-Dichlorobenzene
Concen: 24.665 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:146 Resp: 284

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.1	60.2#
148	57.0	32.1	96.3



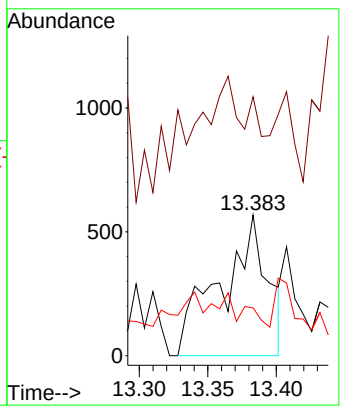


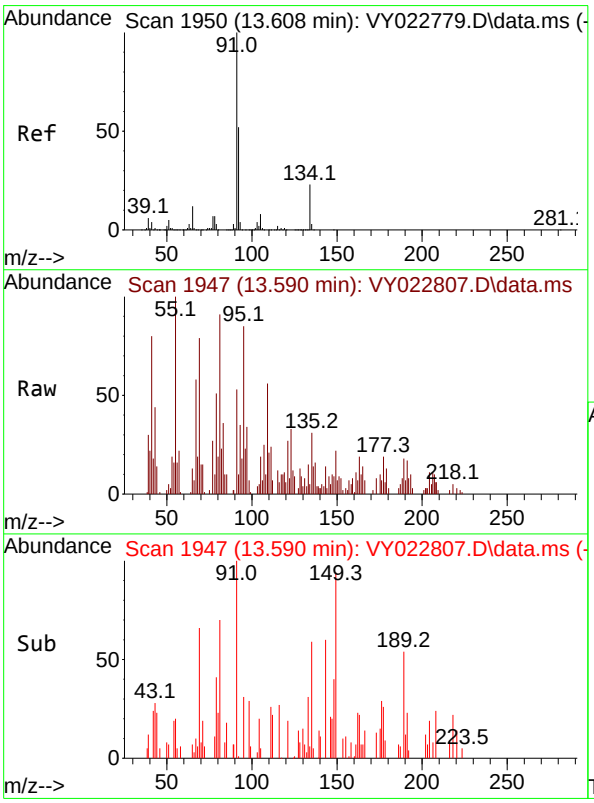
#88
1,4-Dichlorobenzene
Concen: 118.296 ug/l
RT: 13.383 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:146 Resp: 1353

Ion	Ratio	Lower	Upper
146	100		
111	85.7	19.4	58.2#
148	0.0	31.6	94.8#

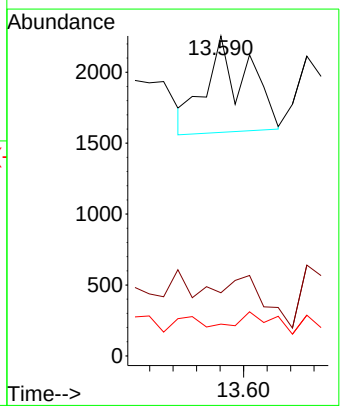


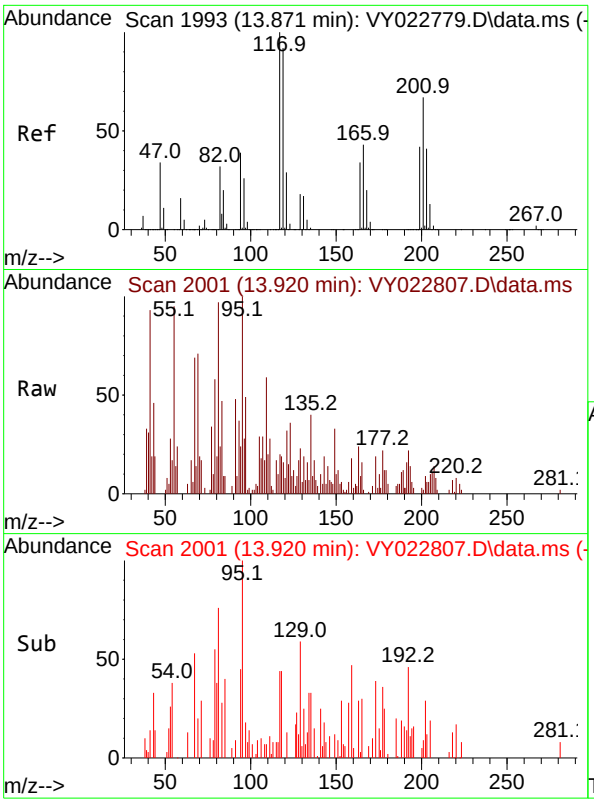


#89
n-Butylbenzene
Concen: 39.089 ug/l
RT: 13.590 min Scan# 1947
Delta R.T. -0.031 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion: 91 Resp: 829

Ion	Ratio	Lower	Upper
91	100		
92	44.3	25.9	77.8
134	16.3	12.0	36.1



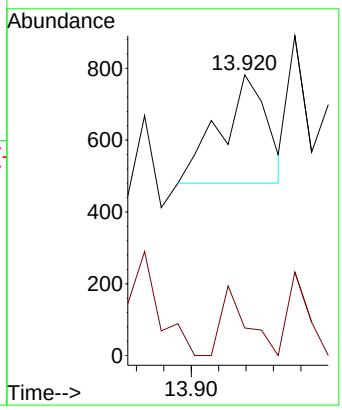


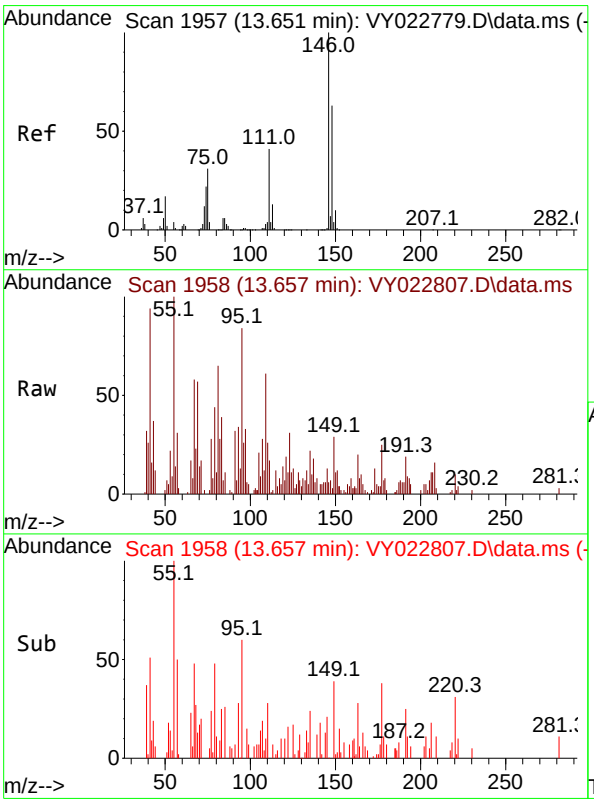
#90
Hexachloroethane
Concen: 79.277 ug/l
RT: 13.920 min Scan# 2
Delta R.T. 0.036 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:117 Resp: 356

Ion	Ratio	Lower	Upper
117	100		
201	35.1	34.0	102.0

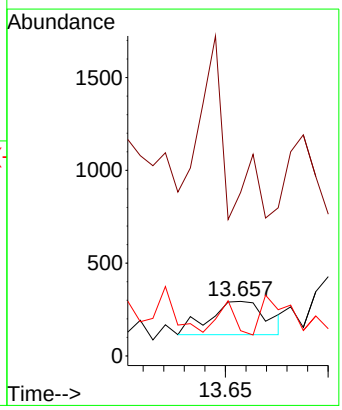


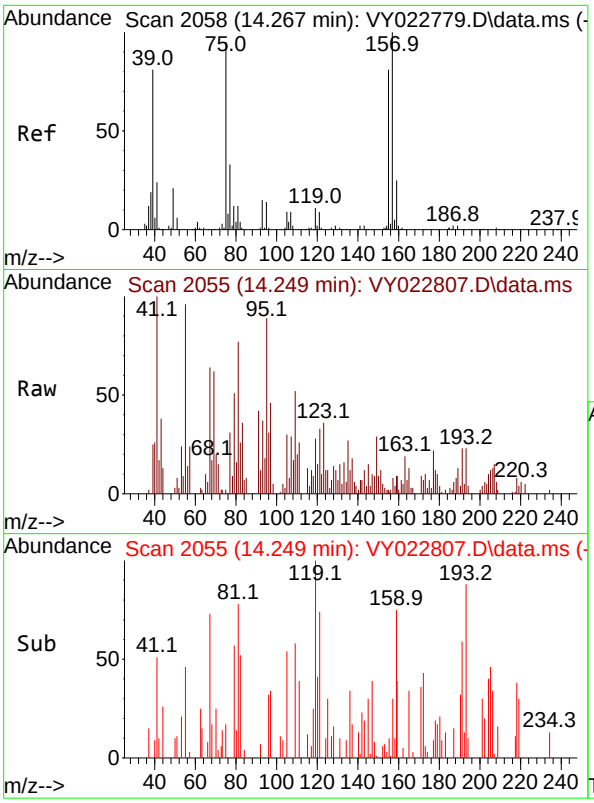


#91
1,2-Dichlorobenzene
Concen: 34.592 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:146 Resp: 351

Ion	Ratio	Lower	Upper
146	100		
111	136.2	20.2	60.6#
148	30.5	31.4	94.0#



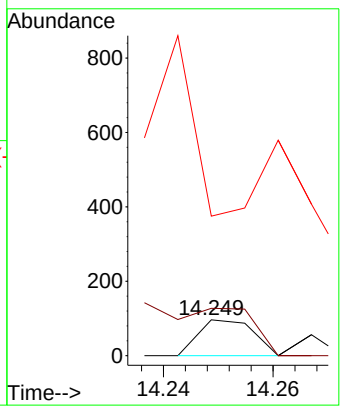


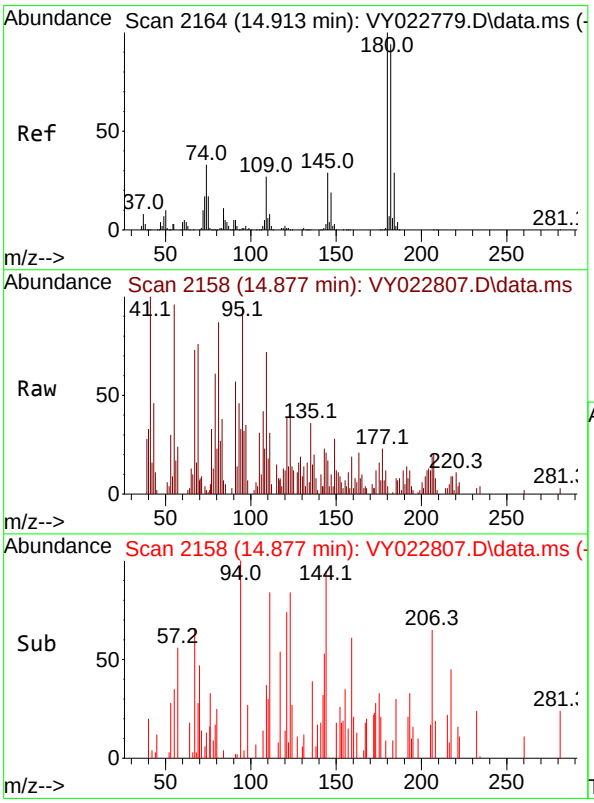
#92
1,2-Dibromo-3-Chloropropane
Concen: 96.920 ug/l
RT: 14.249 min Scan# 2
Delta R.T. -0.024 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.9	119.6#
157	2161.2	54.0	162.0#

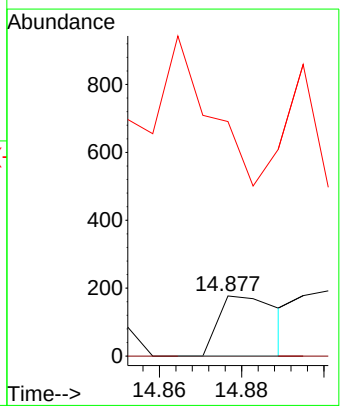


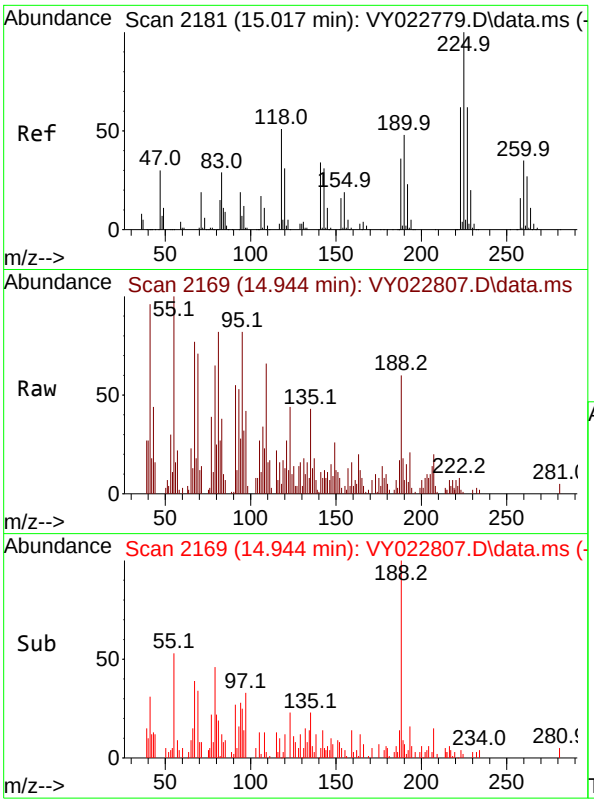


#93
1,2,4-Trichlorobenzene
Concen: 31.070 ug/l
RT: 14.877 min Scan# 2158
Delta R.T. -0.043 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:180 Resp: 178

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.4	145.3#
145	117.4	15.5	46.5#



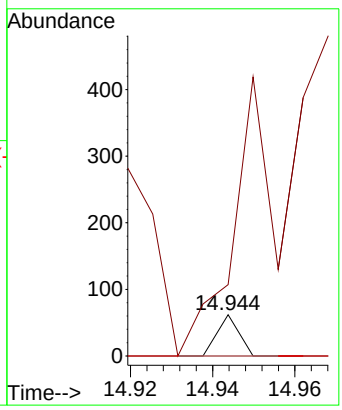


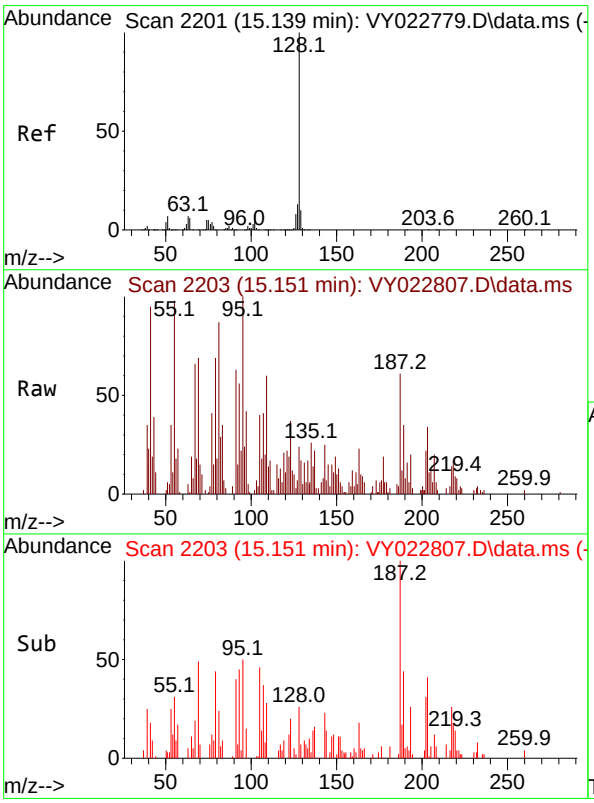
#94
Hexachlorobutadiene
Concen: 7.100 ug/l
RT: 14.944 min Scan# 21
Delta R.T. -0.079 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:225 Resp: 23

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.5	97.4#
227	0.0	32.3	96.9#

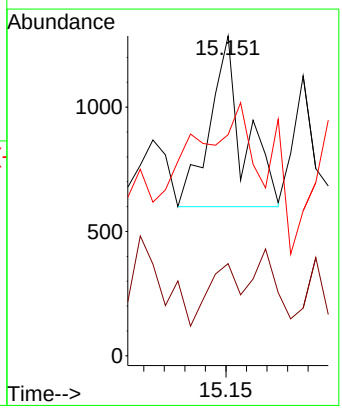


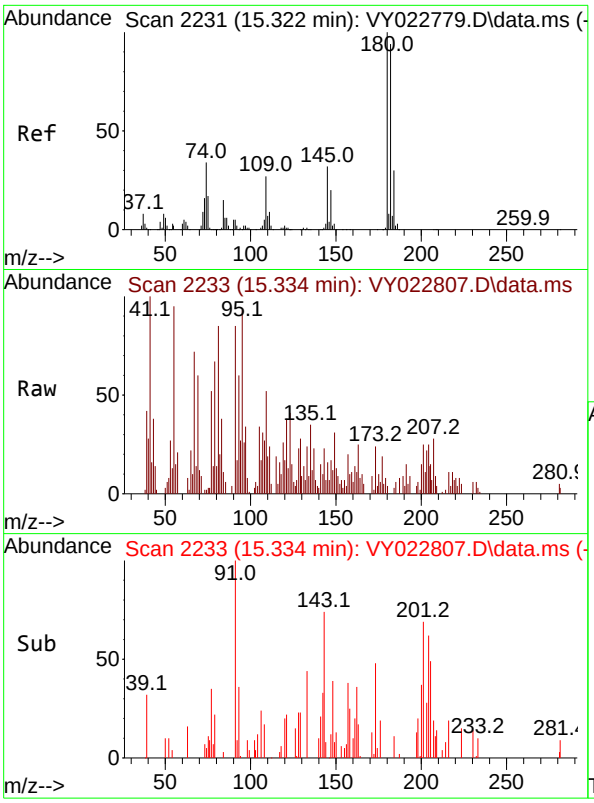


#95
Naphthalene
Concen: 75.579 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Tgt Ion:128 Resp: 783

Ion	Ratio	Lower	Upper
128	100		
127	32.4	10.4	15.6#
129	198.9	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 37.572 ug/l
RT: 15.334 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022807.D
Acq: 24 Jun 2025 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0036

Tgt Ion:180 Resp: 186

Ion	Ratio	Lower	Upper
180	100		
182	12.9	47.1	141.3#
145	500.0	15.2	45.6#