Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007925.D
Acq On : 19 Mar 2022 01:39
Operator : SY/MD
Sample : N1958-05
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Quant Time: Mar 21 03:18:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	38879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	55274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20861	47.059	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.120%			
35) Dibromofluoromethane	7.716	113	19932	41.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 82.720%			
50) Toluene-d8	10.179	98	79726	55.435	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.880%			
62) 4-Bromofluorobenzene	12.483	95	24131	34.889	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.780%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	431	Below Cal	#	58
4) Vinyl Chloride	2.235	62	120	Below Cal		99
5) Bromomethane	2.656	94	454	Below Cal	#	75
13) Acrolein	3.729	56	55	1.768	ug/l #	14
16) Acetone	3.948	43	939	7.985	ug/l #	50
17) Carbon Disulfide	4.168	76	22	Below Cal	#	75
18) Methyl Acetate	4.491	43	300	Below Cal	#	56
20) Methylene Chloride	4.716	84	5750	8.796	ug/l	92
25) 2-Butanone	6.978	43	761	4.040	ug/l #	54
29) Tetrahydrofuran	7.344	42	422	3.496	ug/l #	38
31) Cyclohexane	7.783	56	898	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	3369	4.713	ug/l #	51
38) Carbon Tetrachloride	7.789	117	3936	5.153	ug/l #	15
39) Methylcyclohexane	9.197	83	21	Below Cal	#	67
67) Ethyl Benzene	11.593	91	7980	3.383	ug/l	96
68) m/p-Xylenes	11.703	106	2153	2.340	ug/l	97
69) o-Xylene	12.026	106	2062	2.317	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	12540	45.935	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	2594	1.871	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.483	75	12540	96.482	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	2243	1.650	ug/l	97
95) Naphthalene	15.239	128	1527	1.600	ug/l #	87

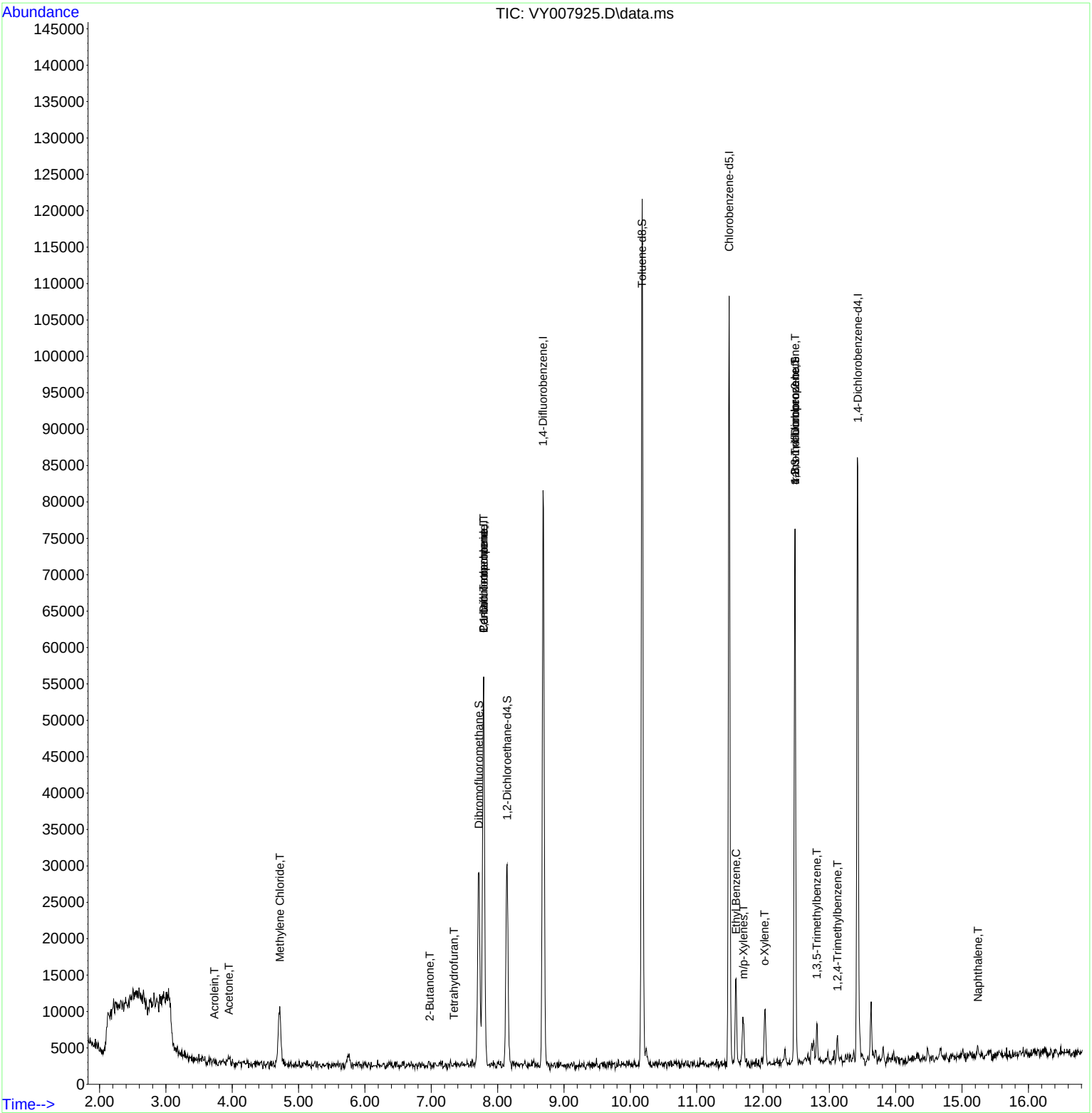
(#) = qualifier out of range (m) = manual integration (+) = signals summed

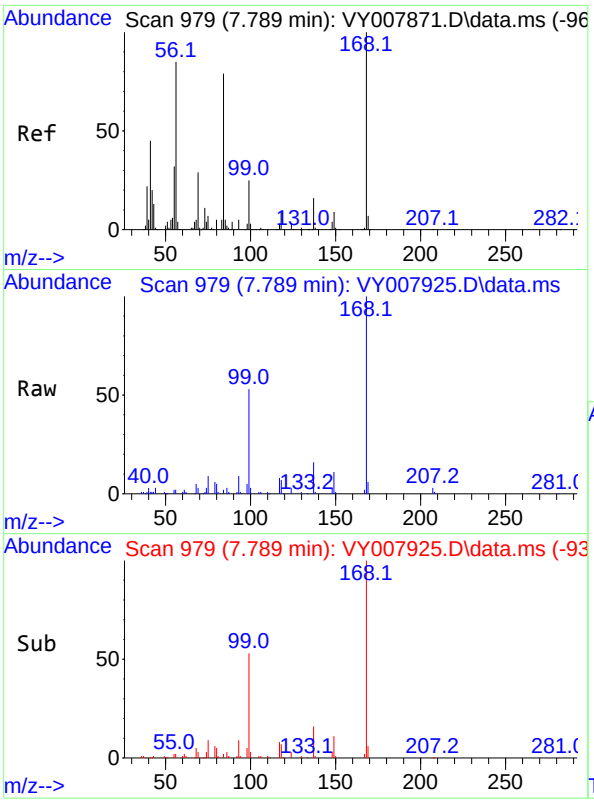
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007925.D
Acq On : 19 Mar 2022 01:39
Operator : SY/MD
Sample : N1958-05
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Quant Time: Mar 21 03:18:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration



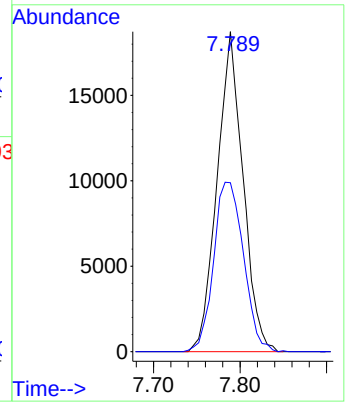


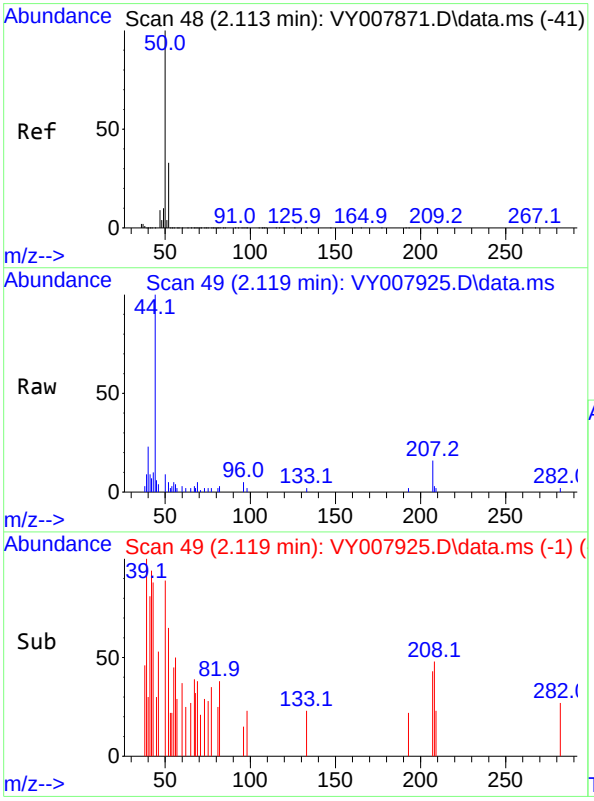
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:168 Resp: 38879

Ion	Ratio	Lower	Upper
168	100		
99	52.8	46.9	70.3

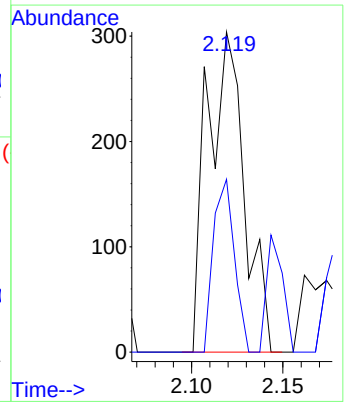


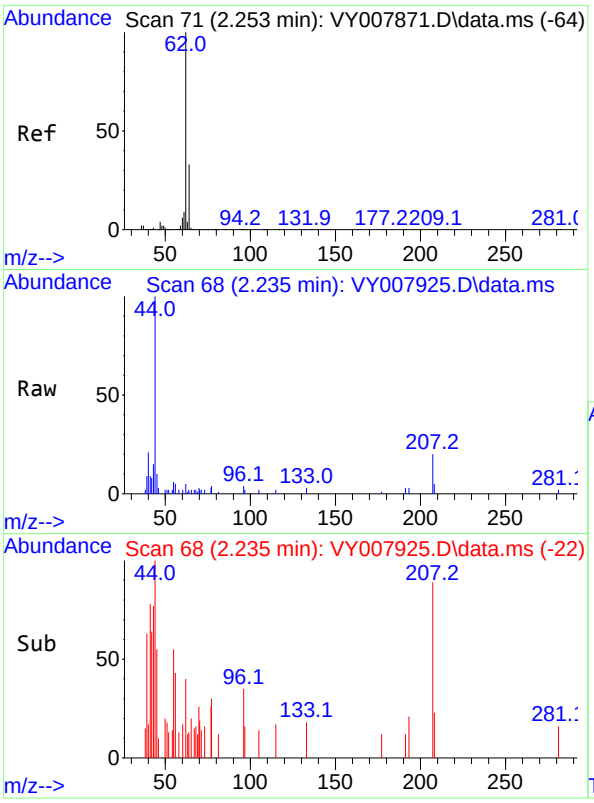


#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 50 Resp: 431

Ion	Ratio	Lower	Upper
50	100		
52	53.9	24.6	37.0#



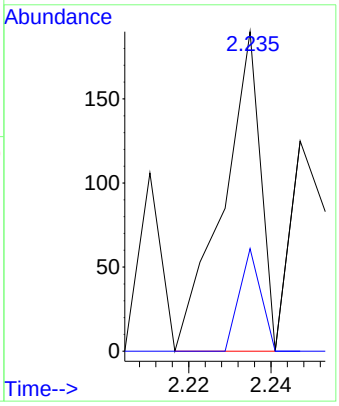


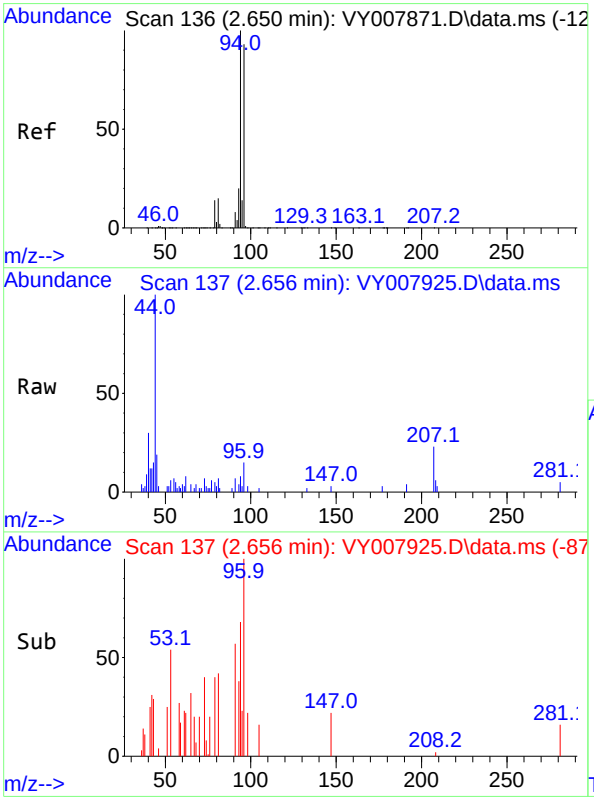
#4
Vinyl Chloride
Concen: Below Cal
RT: 2.235 min Scan# 6
Delta R.T. -0.019 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 62 Resp: 120

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.0	37.6

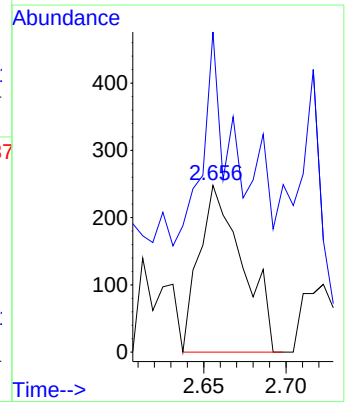


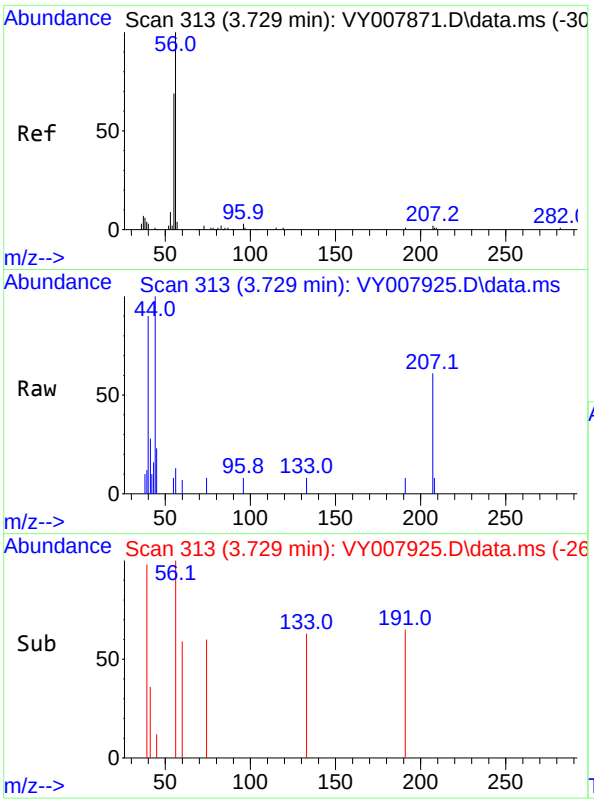


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 94 Resp: 454

Ion	Ratio	Lower	Upper
94	100		
96	116.1	73.5	110.3#



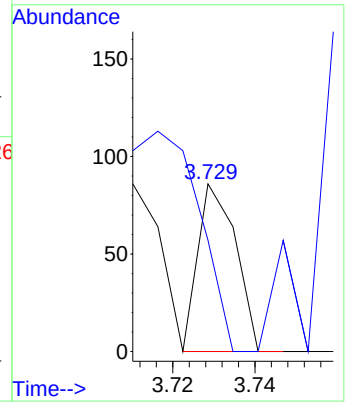


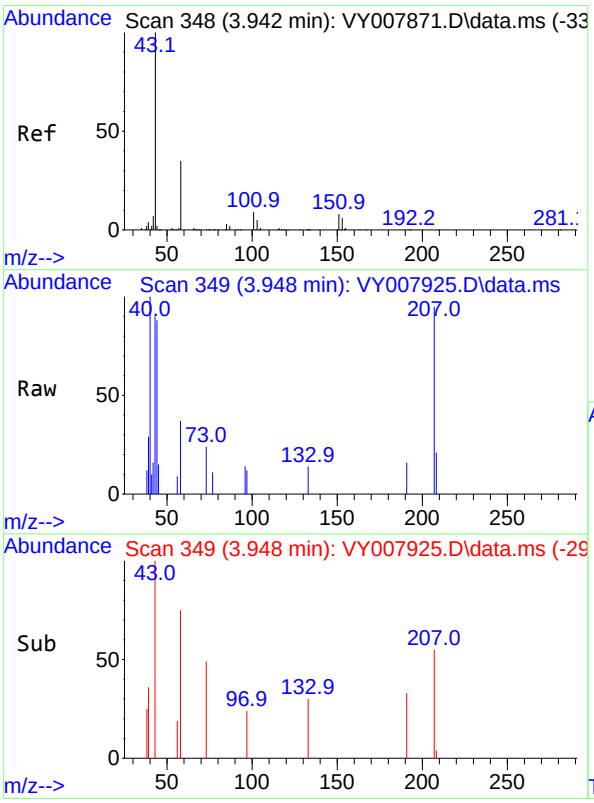
#13
Acrolein
Concen: 1.768 ug/l
RT: 3.729 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 56 Resp: 55

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#

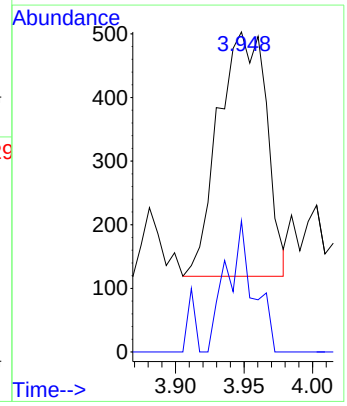


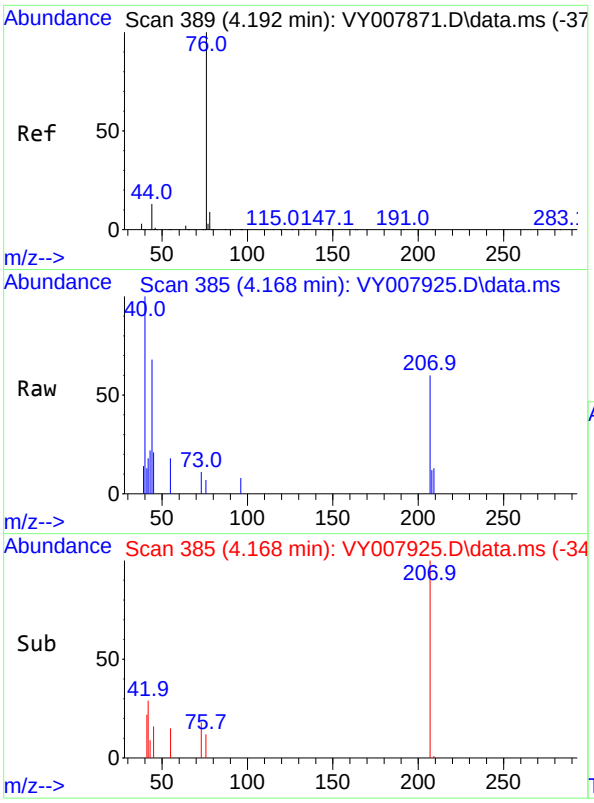


#16
Acetone
Concen: 7.985 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 43 Resp: 939

Ion	Ratio	Lower	Upper
43	100		
58	53.6	22.0	33.0#



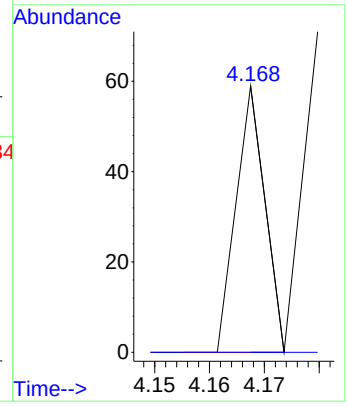


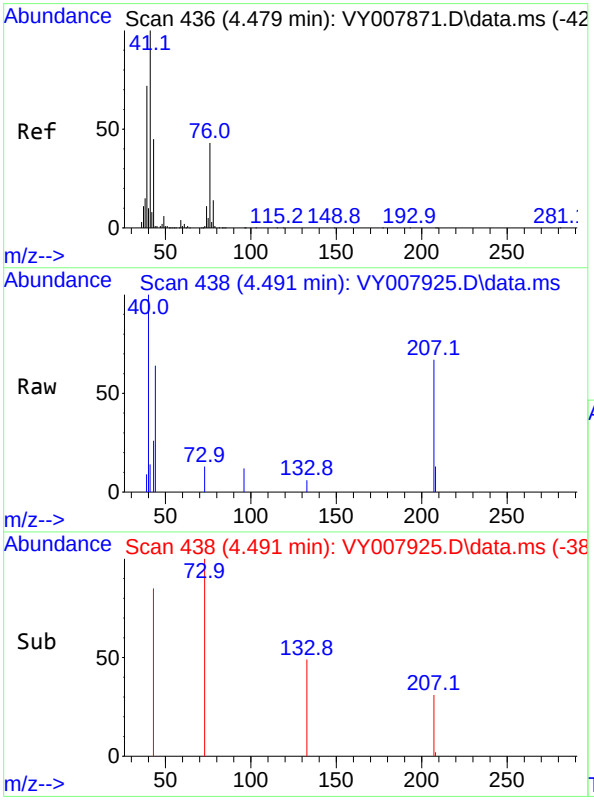
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.168 min Scan# 3
Delta R.T. -0.025 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 76 Resp: 22

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

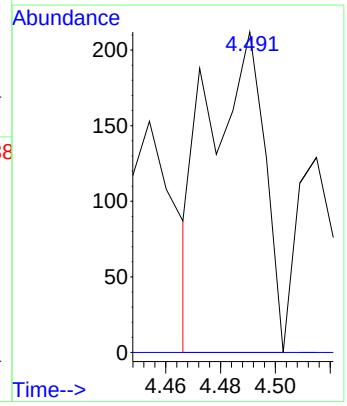


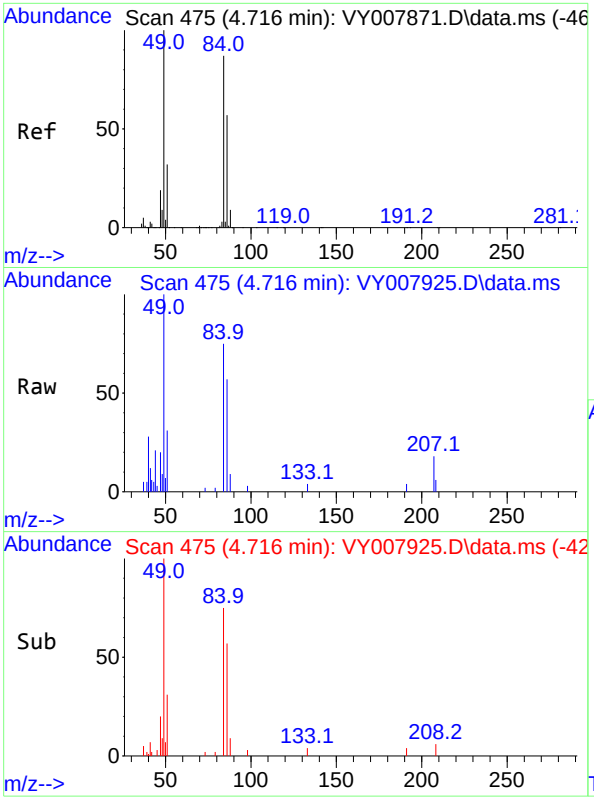


#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 43 Resp: 300

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



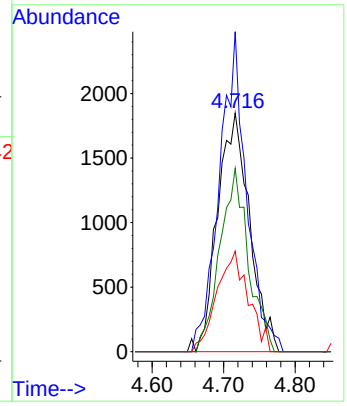


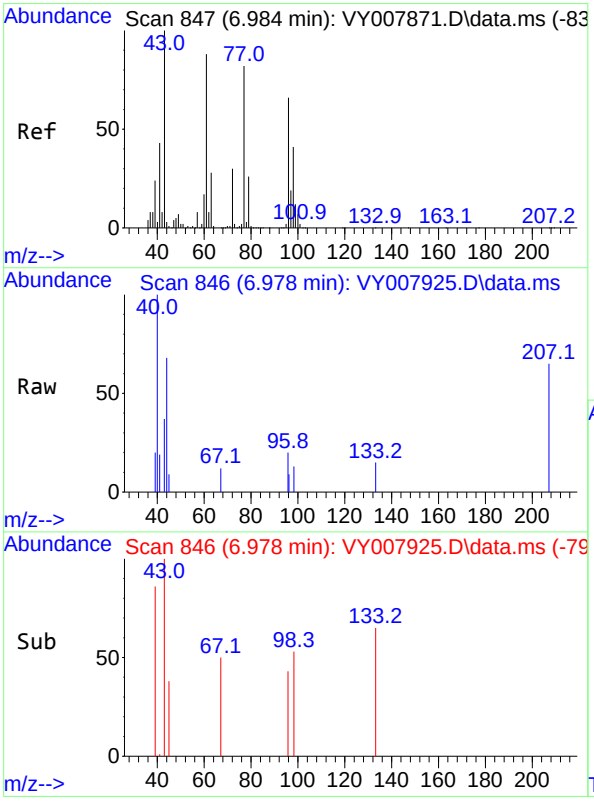
#20
Methylene Chloride
Concen: 8.796 ug/l
RT: 4.716 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 84 Resp: 5750

Ion	Ratio	Lower	Upper
84	100		
49	134.0	114.4	171.6
51	42.1	35.3	52.9
86	76.8	53.7	80.5

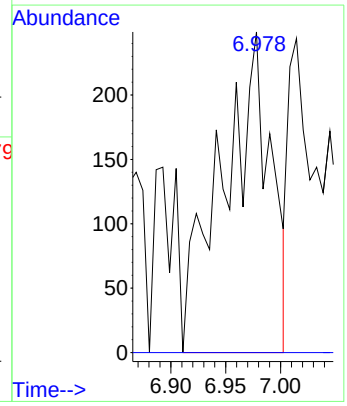


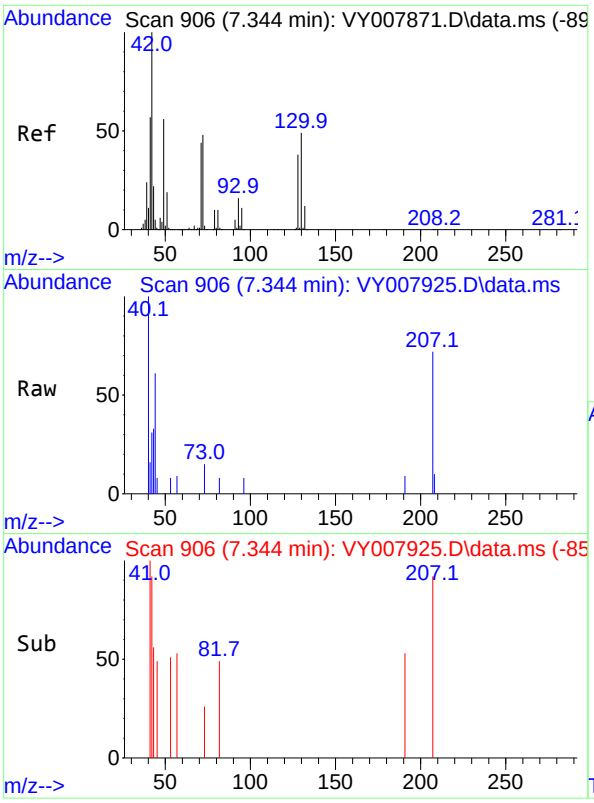


#25
2-Butanone
Concen: 4.040 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 43 Resp: 761

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



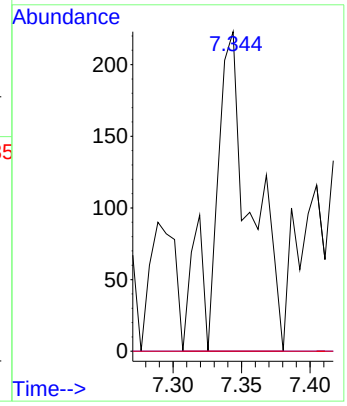


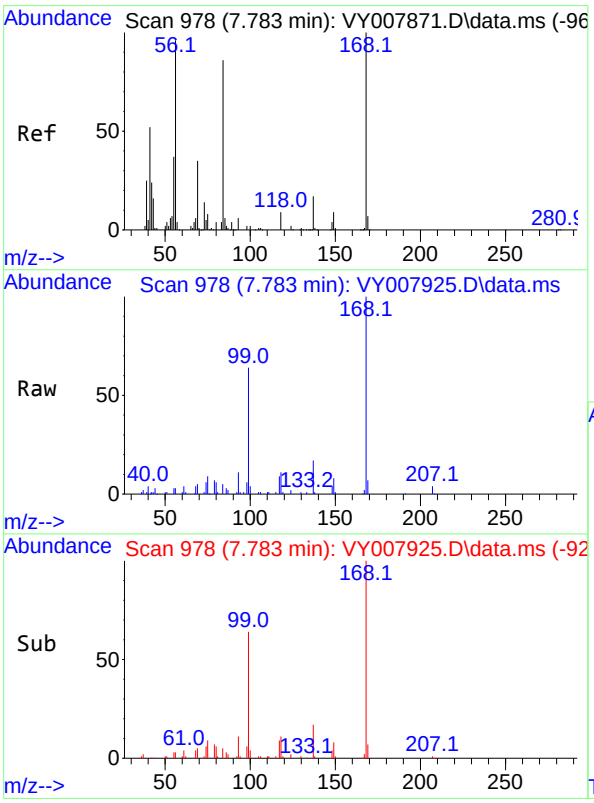
#29
Tetrahydrofuran
Concen: 3.496 ug/l
RT: 7.344 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 42 Resp: 422

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#

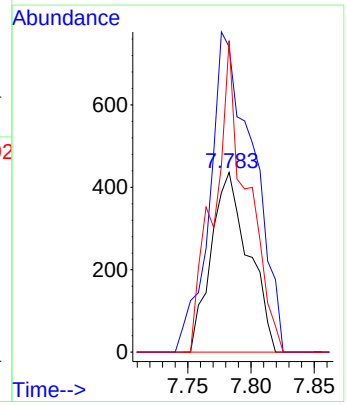


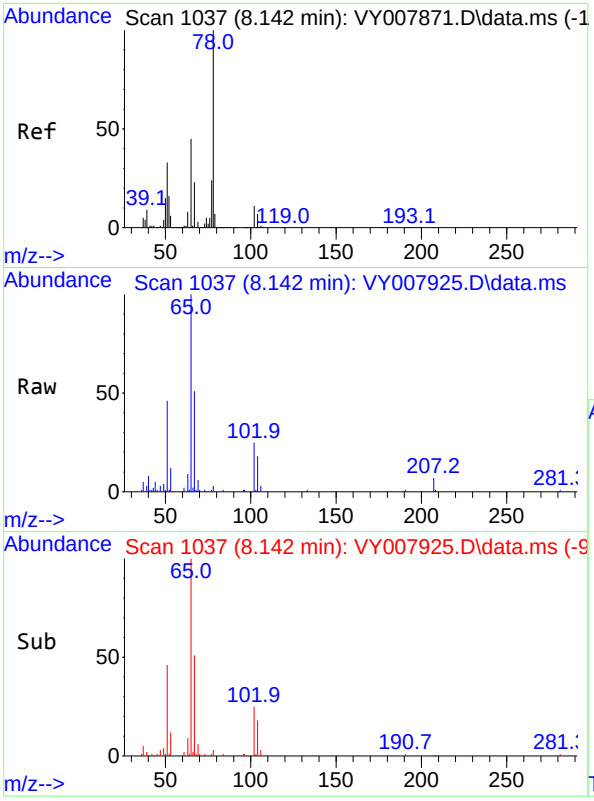


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 56 Resp: 898

Ion	Ratio	Lower	Upper
56	100		
69	170.0	26.7	40.1#
84	173.4	67.2	100.8#



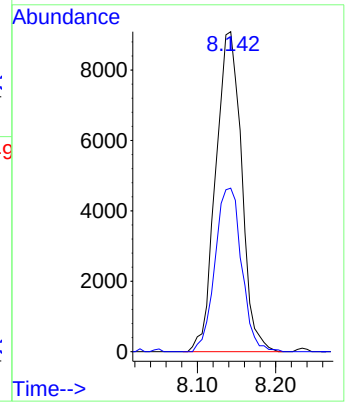


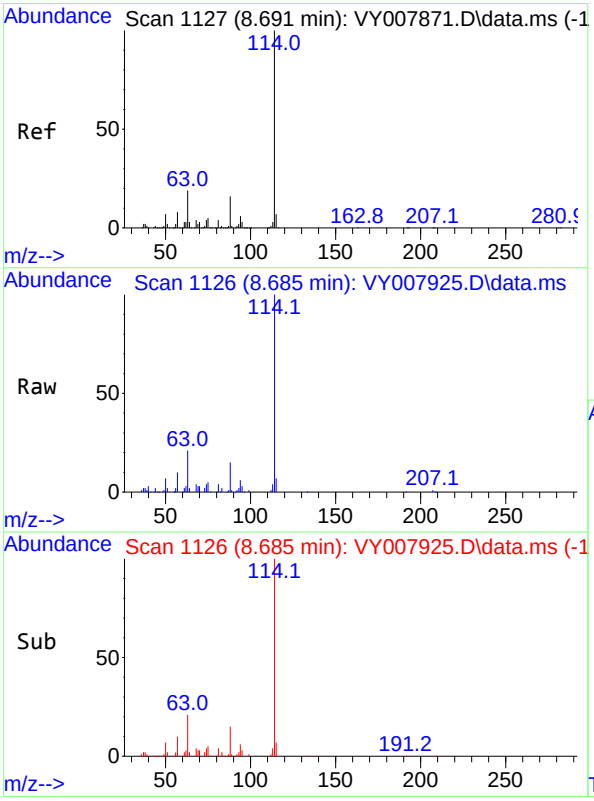
#33
1,2-Dichloroethane-d4
Concen: 47.059 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 65 Resp: 20861

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	99.4

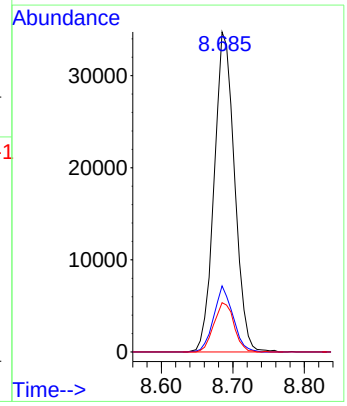


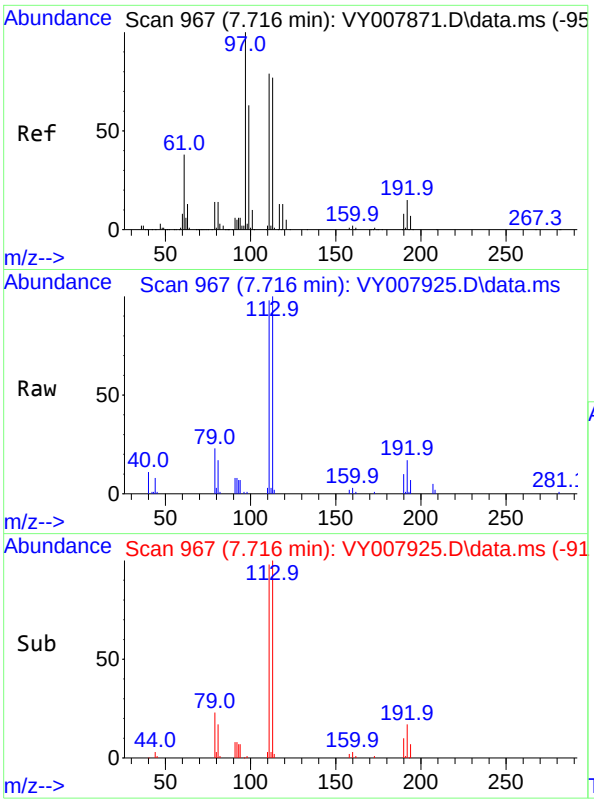


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion:114 Resp: 68622

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.4	0.0	31.8



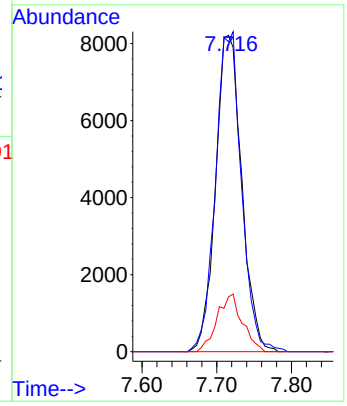


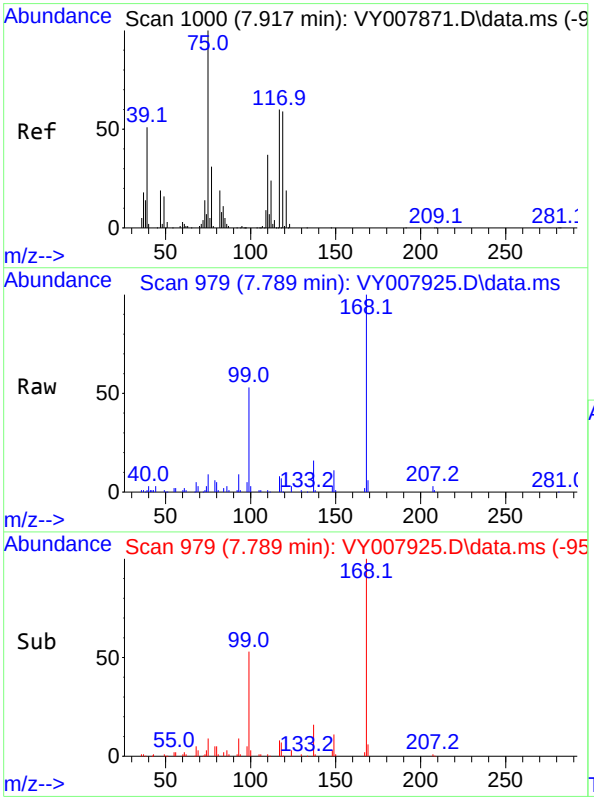
#35
Dibromofluoromethane
Concen: 41.359 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:113 Resp: 19932

Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.6	124.0
192	17.6	17.6	26.4#

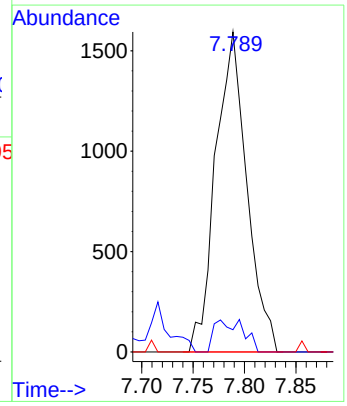


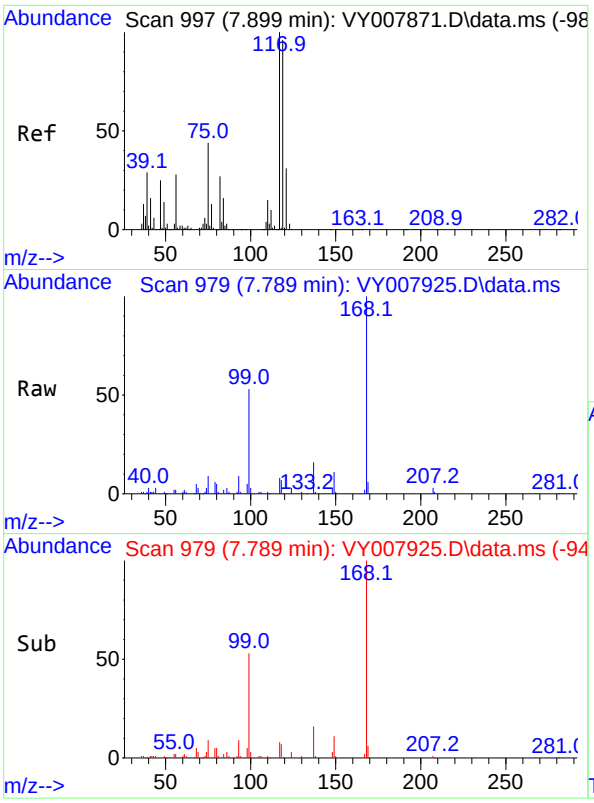


#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 75 Resp: 3369

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.2#
77	0.0	24.4	36.6#



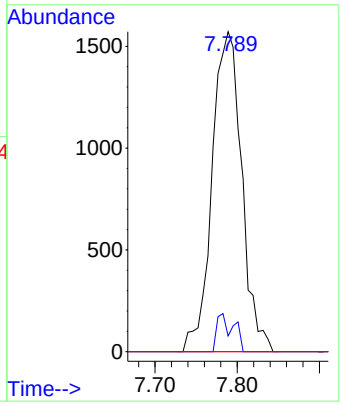


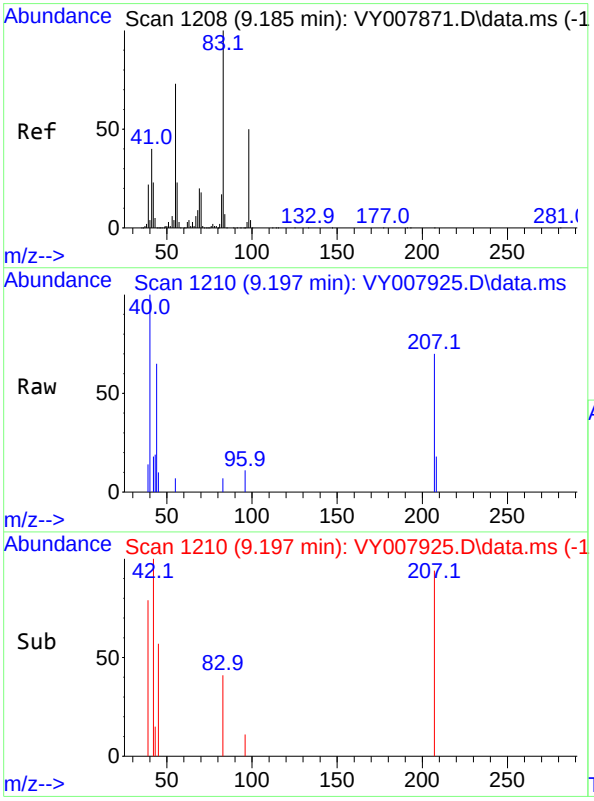
#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:117 Resp: 3936

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.9	116.9#
121	0.0	24.8	37.2#

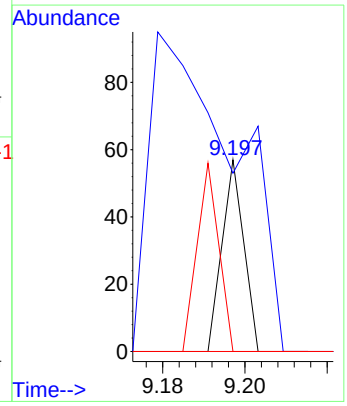


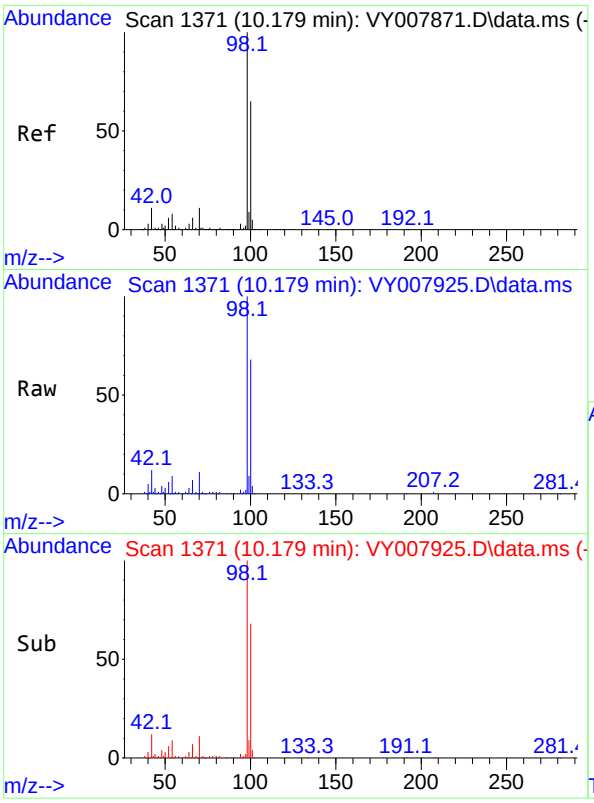


#39
Methylcyclohexane
Concen: Below Cal
RT: 9.197 min Scan# 1210
Delta R.T. 0.012 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 83 Resp: 21

Ion	Ratio	Lower	Upper
83	100		
55	93.0	66.5	99.7
98	0.0	37.9	56.9#



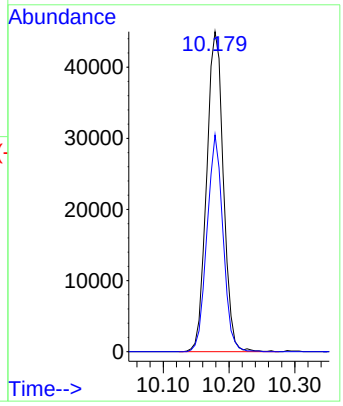


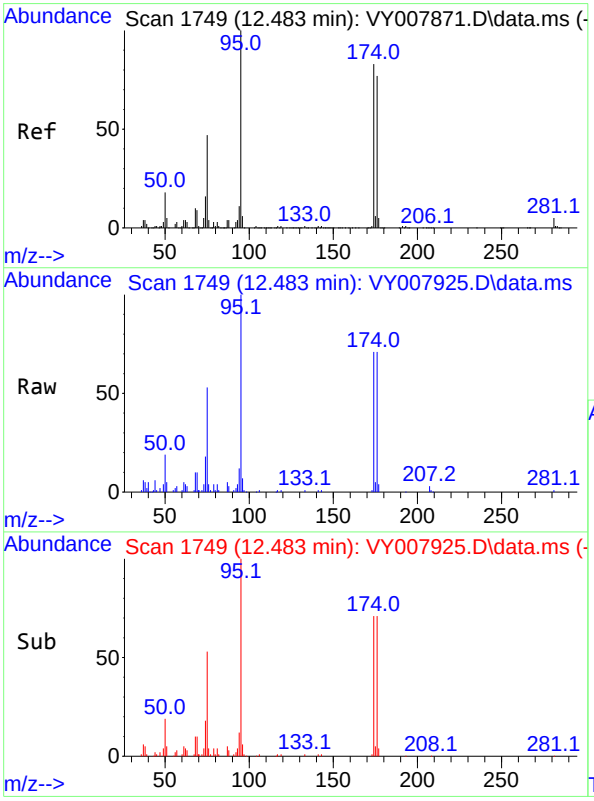
#50
Toluene-d8
Concen: 55.435 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion: 98 Resp: 79726

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.2	75.2

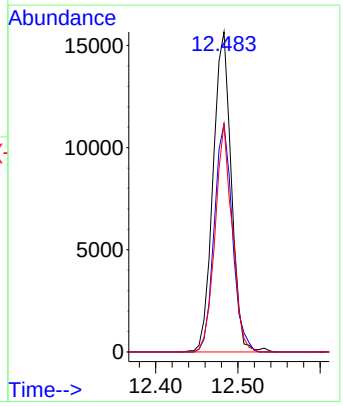


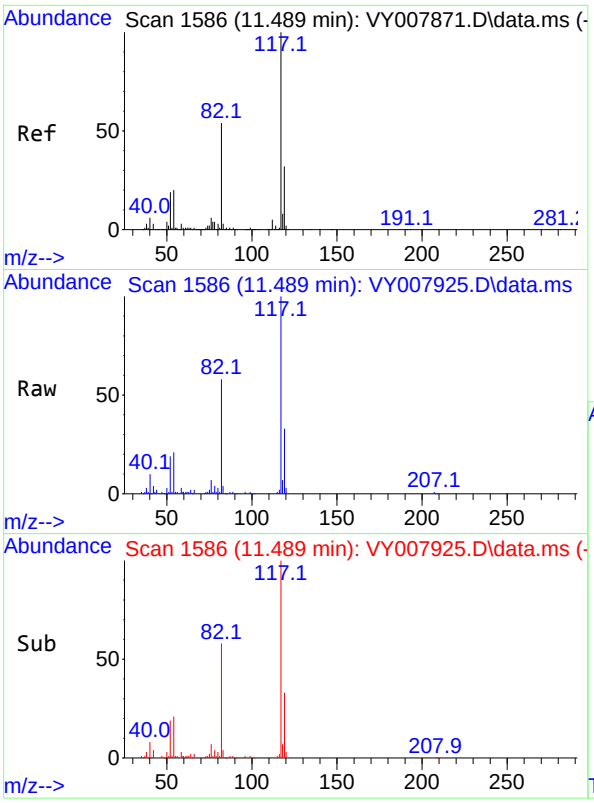


#62
4-Bromofluorobenzene
Concen: 34.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 95 Resp: 24131

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	177.0
176	67.0	0.0	175.8



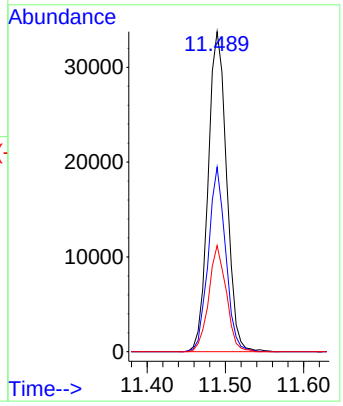


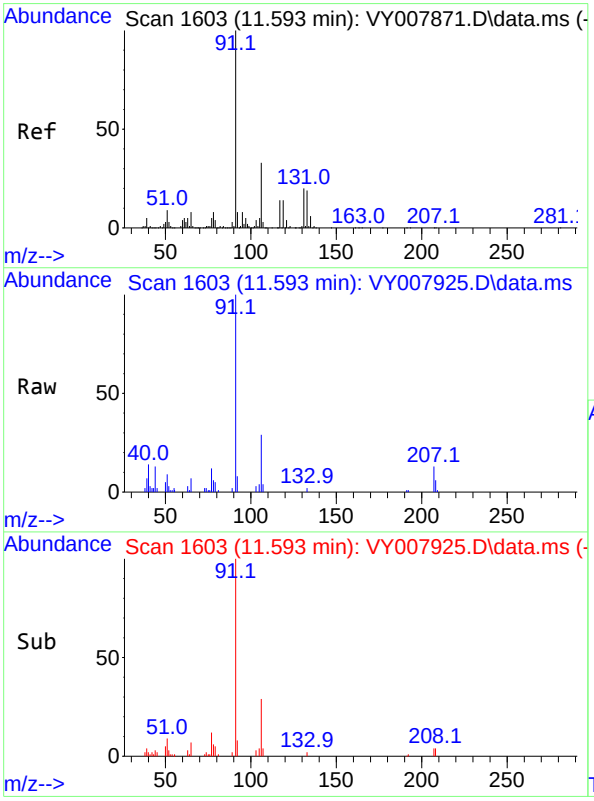
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:117 Resp: 55274

Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.0	64.4
119	33.1	25.4	38.0

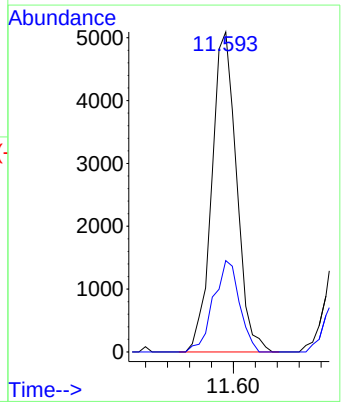


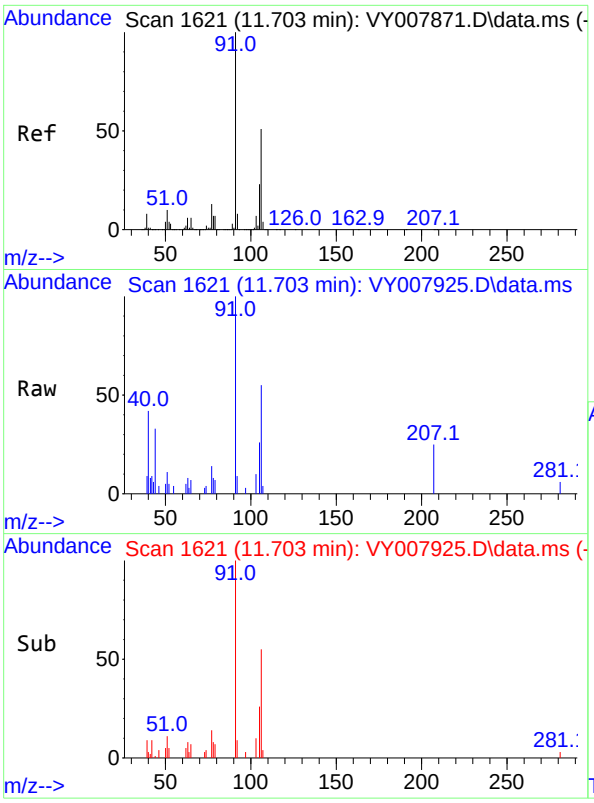


#67
Ethyl Benzene
Concen: 3.383 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 91 Resp: 7980

Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.5	36.7



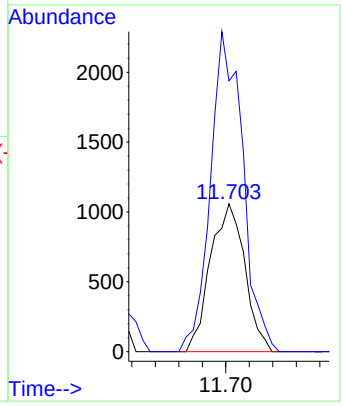


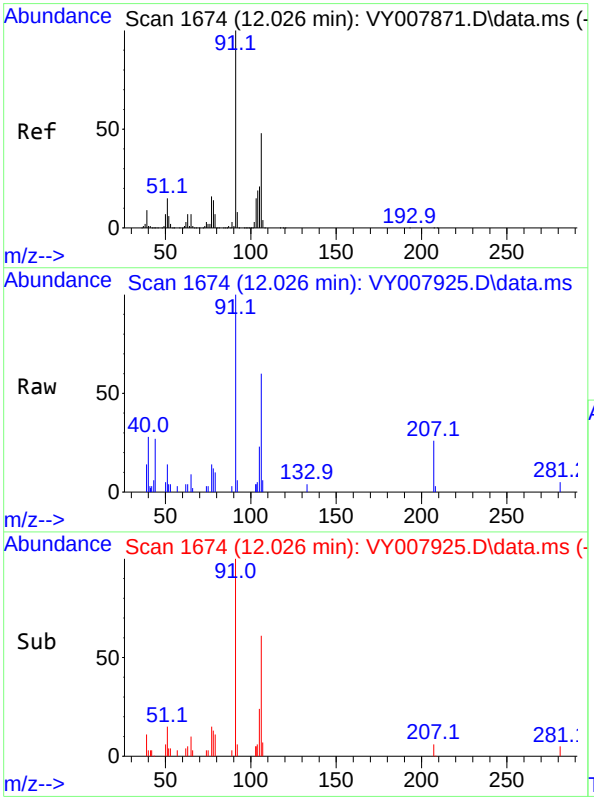
#68
m/p-Xylenes
Concen: 2.340 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:106 Resp: 2153

Ion	Ratio	Lower	Upper
106	100		
91	203.8	166.6	249.8

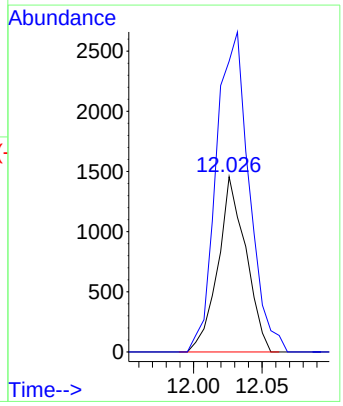


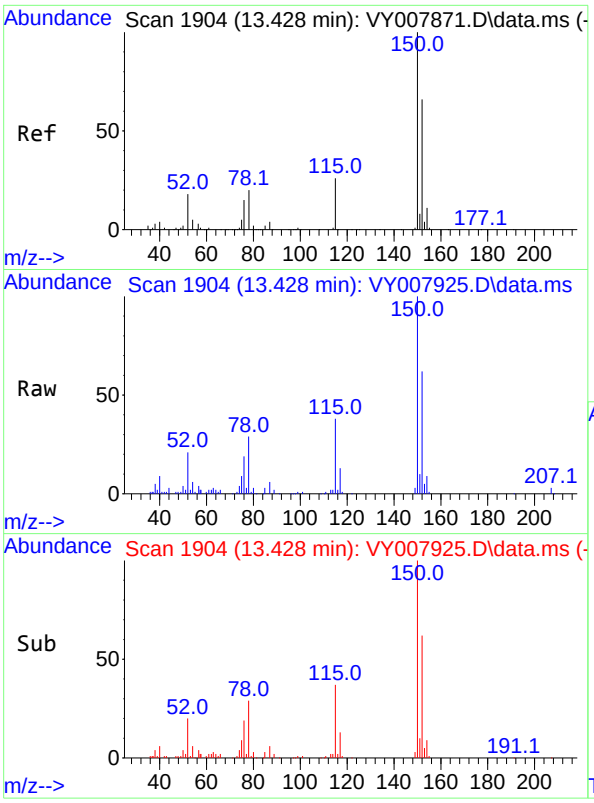


#69
o-Xylene
Concen: 2.317 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion:106 Resp: 2062

Ion	Ratio	Lower	Upper
106	100		
91	215.4	110.3	331.0



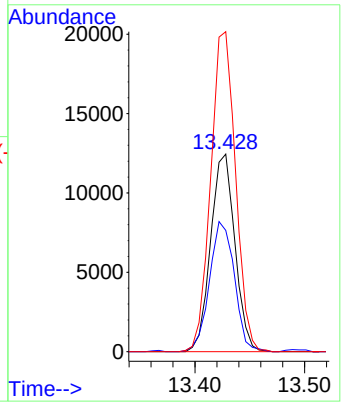


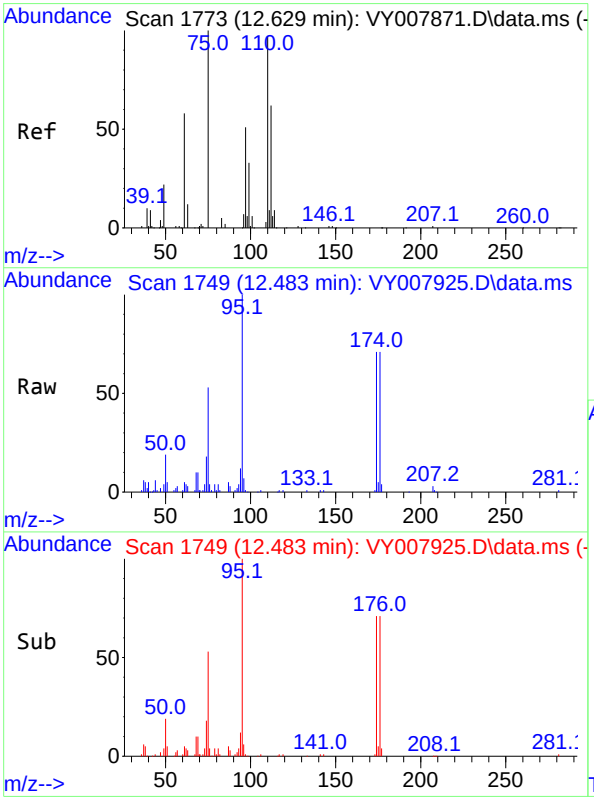
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:152 Resp: 19153

Ion	Ratio	Lower	Upper
152	100		
115	67.7	28.2	84.7
150	165.8	0.0	347.6

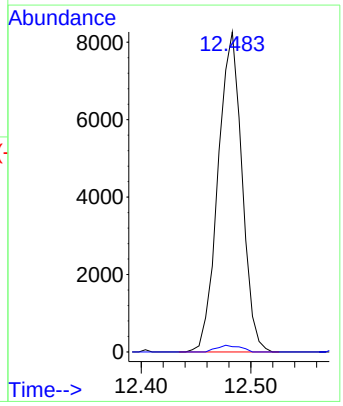


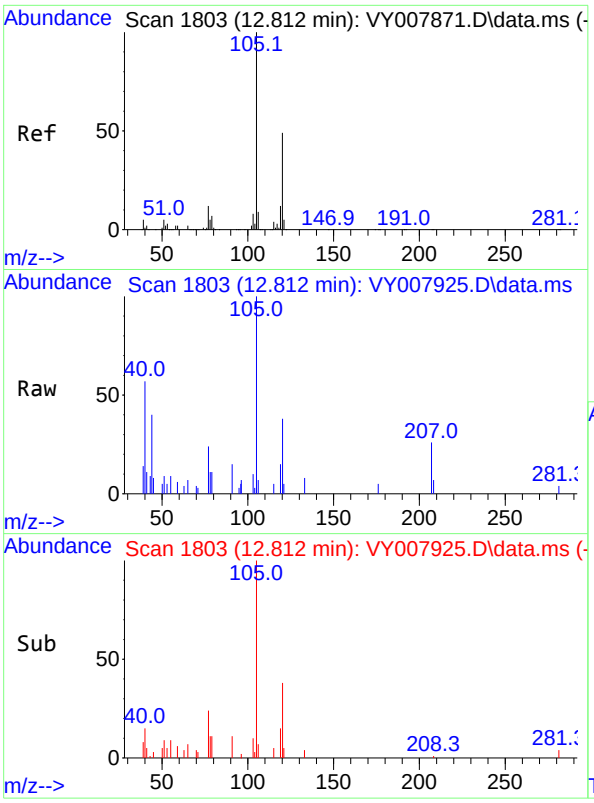


#76
1,2,3-Trichloropropane
Concen: 45.935 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 75 Resp: 12540

Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0#



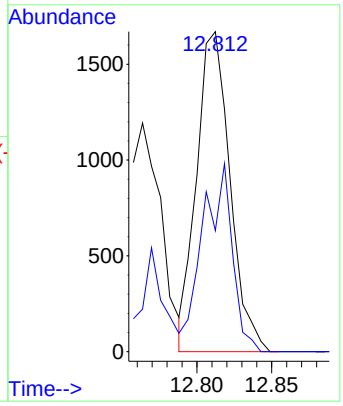


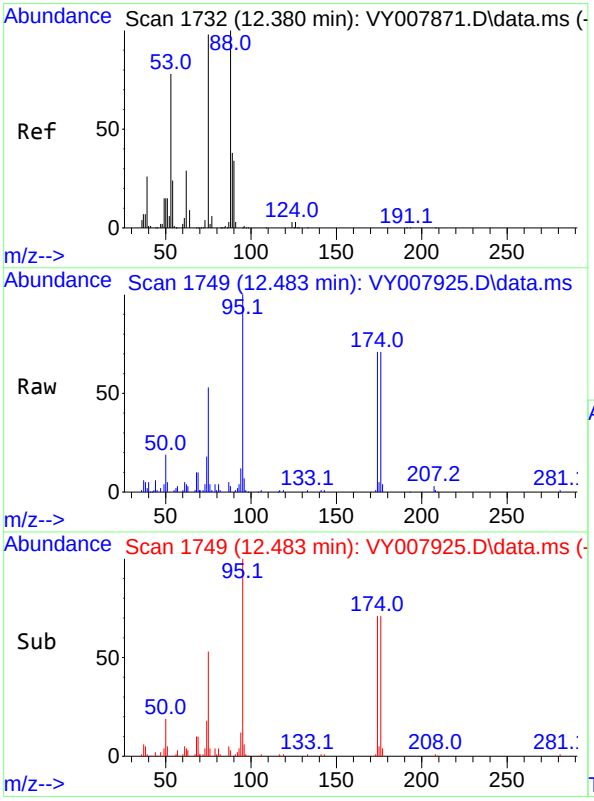
#80
1,3,5-Trimethylbenzene
Concen: 1.871 ug/l
RT: 12.812 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:105 Resp: 2594

Ion	Ratio	Lower	Upper
105	100		
120	52.0	24.4	73.4

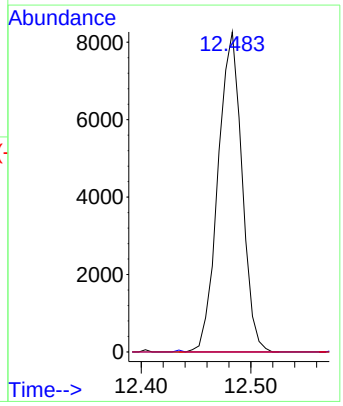


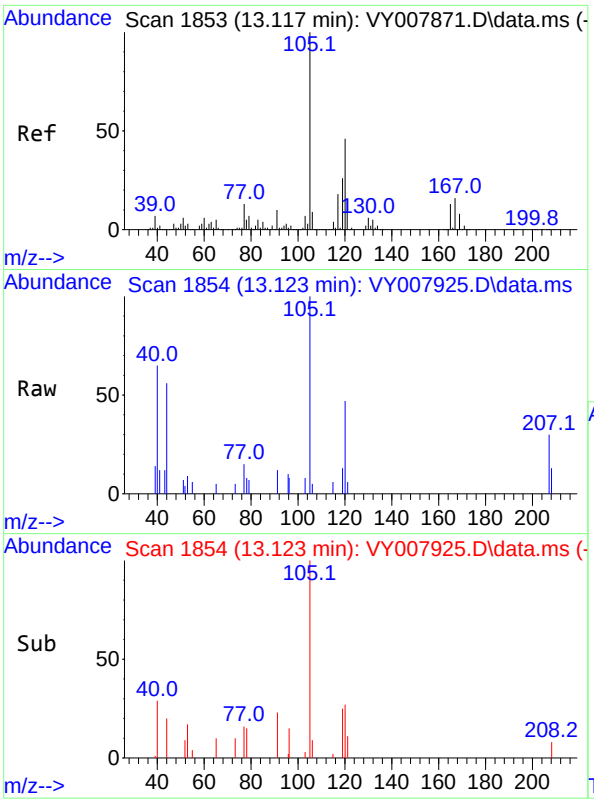


#81
trans-1,4-Dichloro-2-butene
Concen: 96.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 75 Resp: 12540

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#



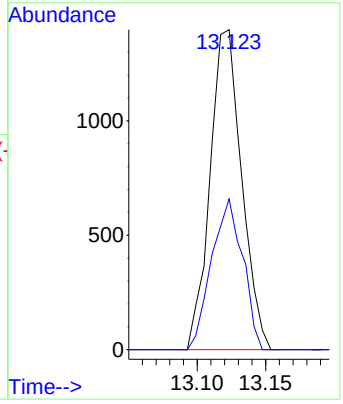


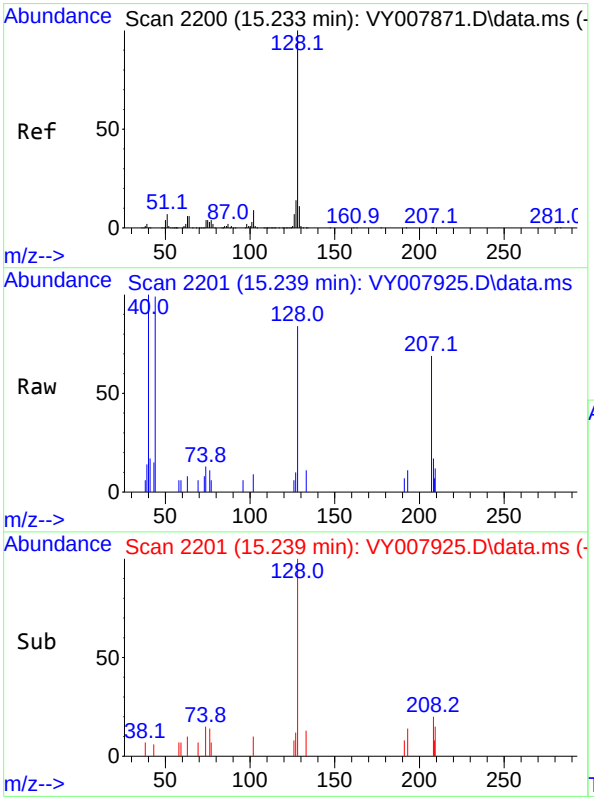
#84
1,2,4-Trimethylbenzene
Concen: 1.650 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:105 Resp: 2243

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.3	66.9





#95
Naphthalene
Concen: 1.600 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion:128 Resp: 1527

Ion	Ratio	Lower	Upper
128	100		
127	8.6	11.0	16.4#
129	5.0	8.4	12.6#