Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
Data File : VY011719.D
Acq On : 06 Dec 2022 15:35
Operator : KP/MD
Sample : N5899-01
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Quant Time: Dec 06 23:46:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	214366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130730	60.060	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.120%			
35) Dibromofluoromethane	7.716	113	119614	52.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.740%			
50) Toluene-d8	10.179	98	443079	53.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.483	95	147046	48.379	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	78	Below Cal	#	43
3) Chloromethane	2.119	50	275	Below Cal	#	44
5) Bromomethane	2.668	94	119	Below Cal		100
11) Tert butyl alcohol	4.936	59	2780	Below Cal	#	77
16) Acetone	3.948	43	81993	115.970	ug/l #	86
18) Methyl Acetate	4.478	43	396	Below Cal	#	56
20) Methylene Chloride	4.716	84	17756	Below Cal		89
25) 2-Butanone	6.984	43	87609	94.286	ug/l #	90
29) Tetrahydrofuran	7.350	42	37035	70.578	ug/l #	86
31) Cyclohexane	7.783	56	4280	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16281	4.604	ug/l #	52
37) Ethyl Acetate	6.984	43	87609	43.509	ug/l #	74
38) Carbon Tetrachloride	7.789	117	21399	5.409	ug/l #	15
41) Methacrylonitrile	7.350	41	21189	20.812	ug/l #	40
76) 1,2,3-Trichloropropane	12.483	75	77385	44.692	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77385	97.890	ug/l #	7
95) Naphthalene	15.239	128	627	4.121	ug/l #	69

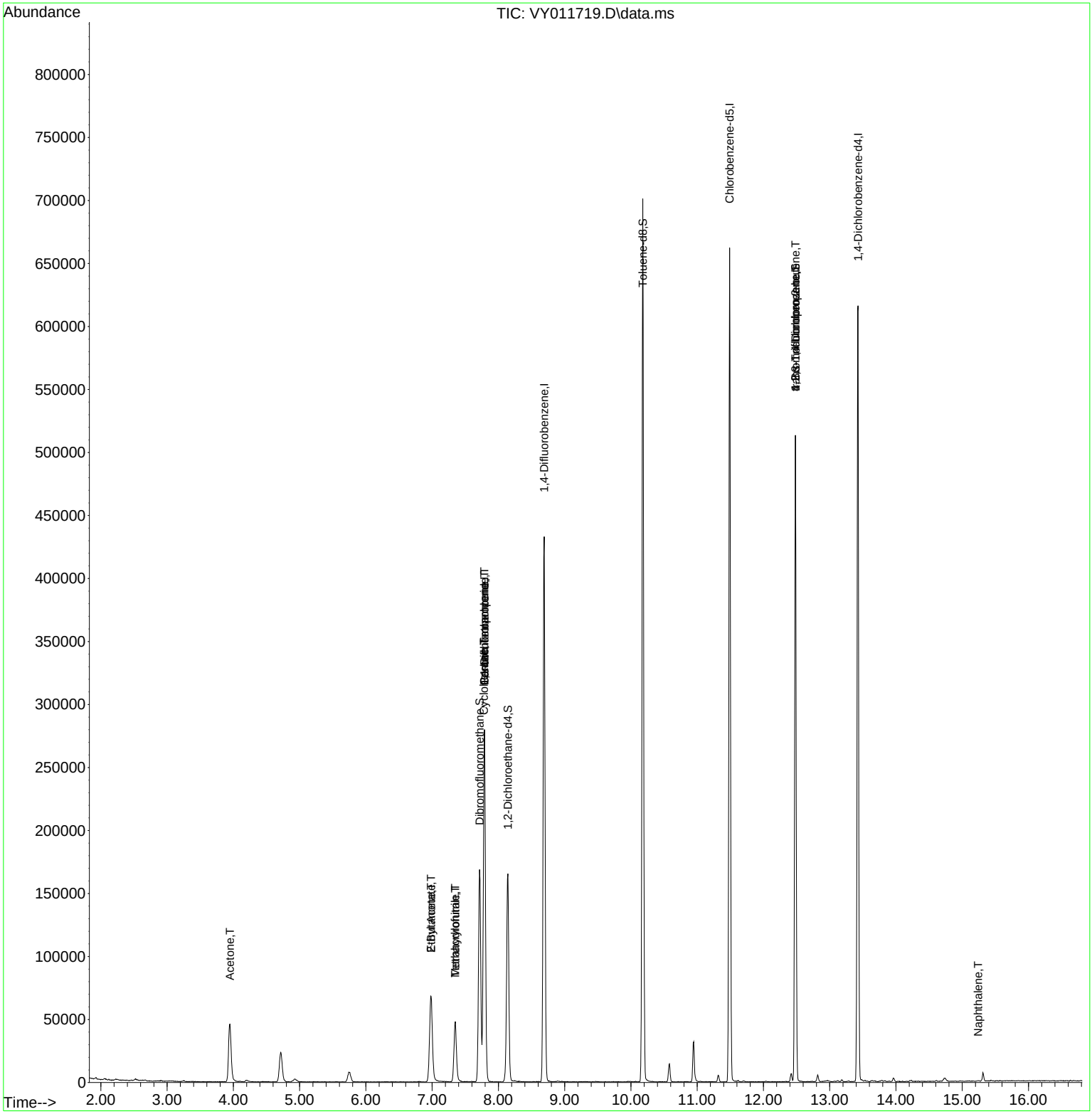
(#) = qualifier out of range (m) = manual integration (+) = signals summed

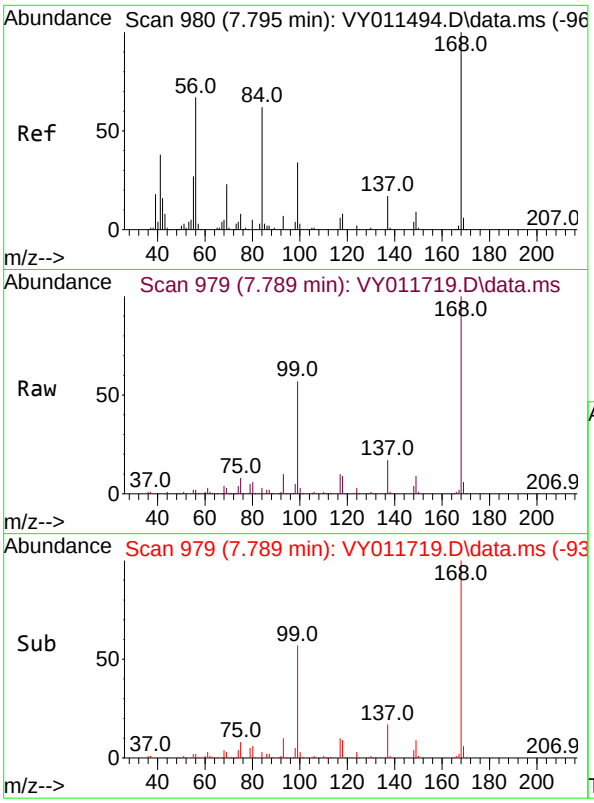
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
Data File : VY011719.D
Acq On : 06 Dec 2022 15:35
Operator : KP/MD
Sample : N5899-01
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Quant Time: Dec 06 23:46:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



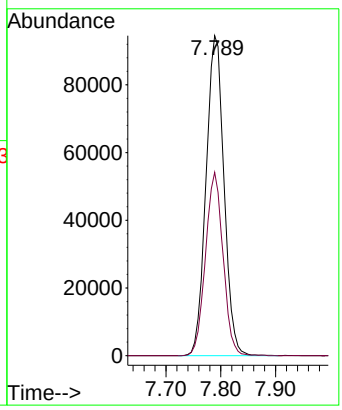


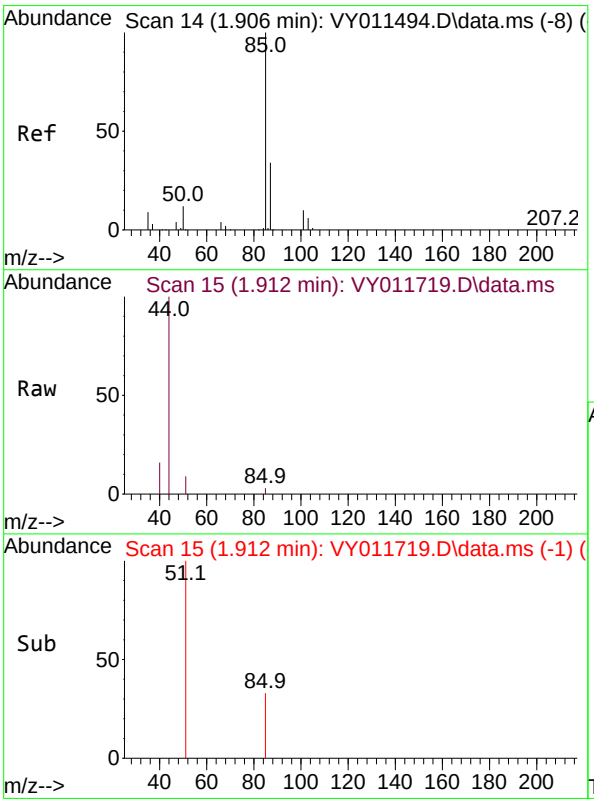
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion:168 Resp: 214366

Ion	Ratio	Lower	Upper
168	100		
99	57.3	46.9	70.3

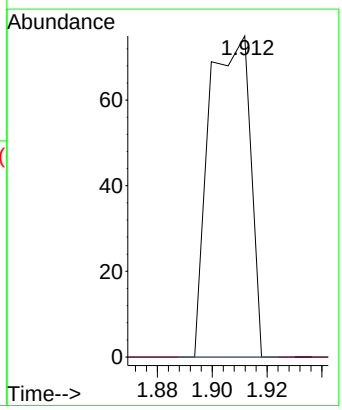


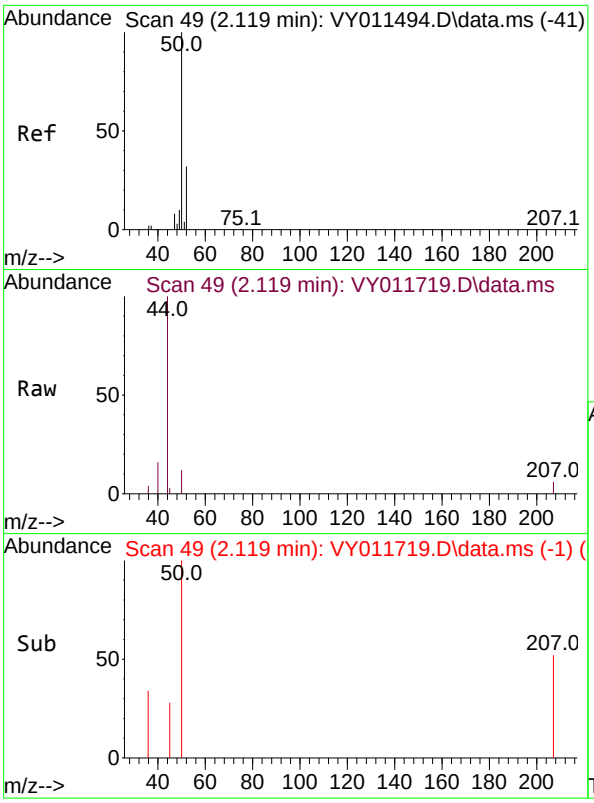


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 85 Resp: 78

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



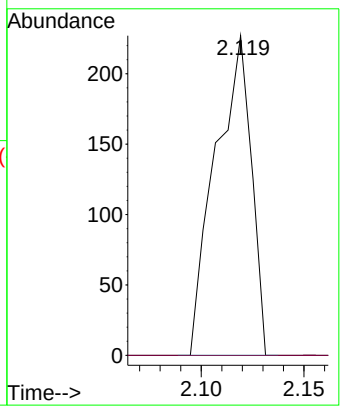


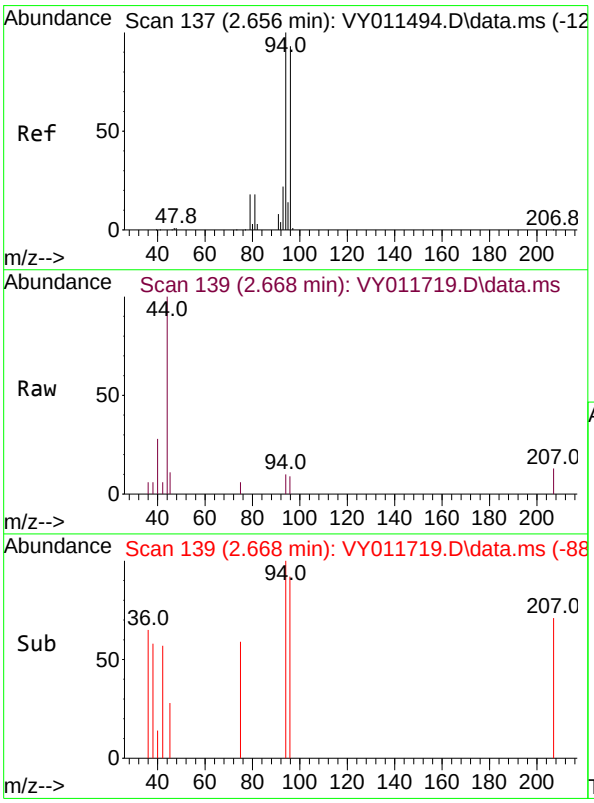
#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 50 Resp: 275

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#

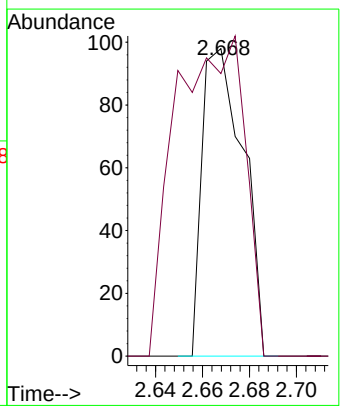


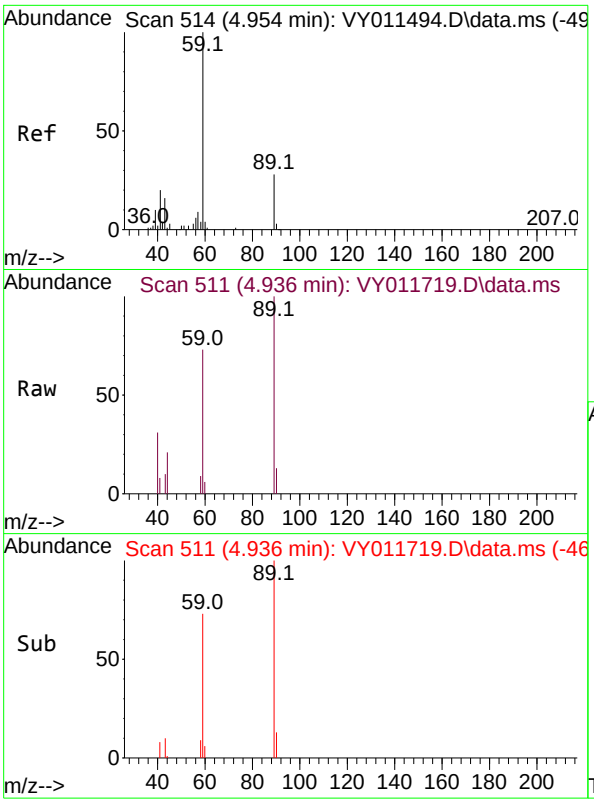


#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 94 Resp: 119

Ion	Ratio	Lower	Upper
94	100		
96	91.8	73.5	110.3



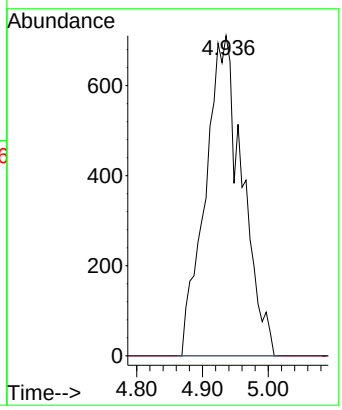


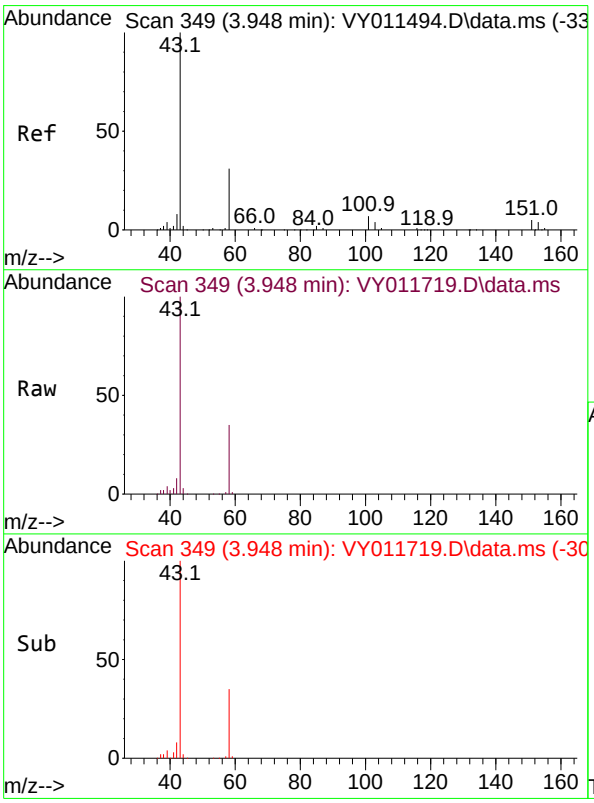
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 59 Resp: 2780

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

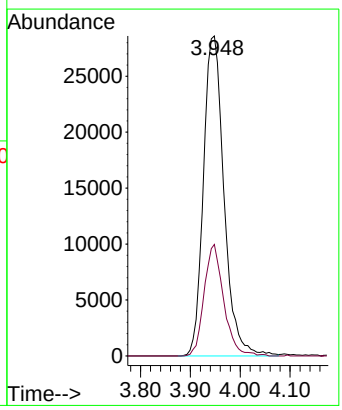


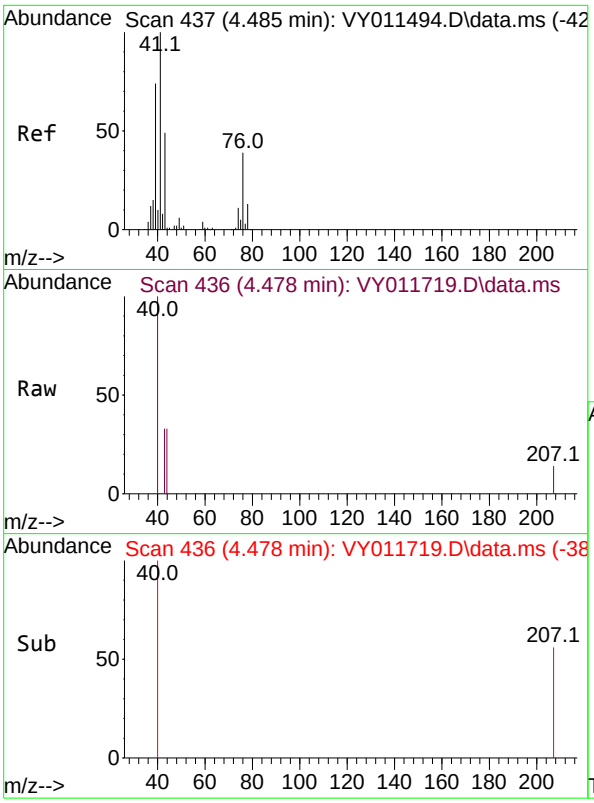


#16
Acetone
Concen: 115.970 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 43 Resp: 81993

Ion	Ratio	Lower	Upper
43	100		
58	34.9	22.0	33.0#



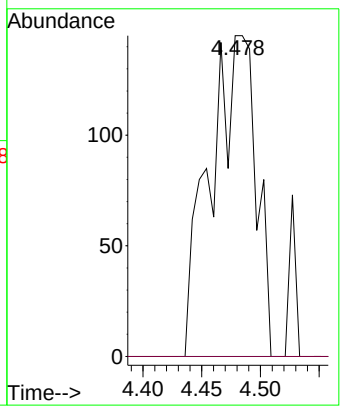


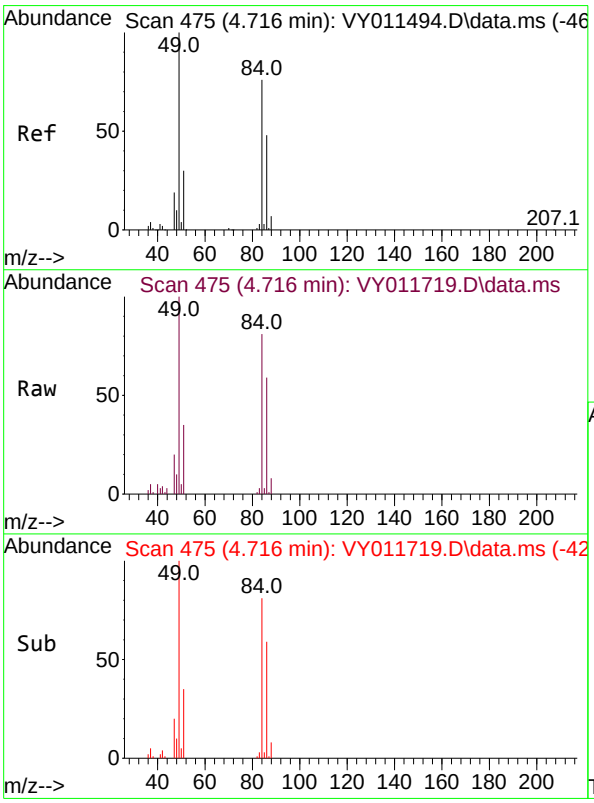
#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 4
Delta R.T. -0.007 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 43 Resp: 396

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#

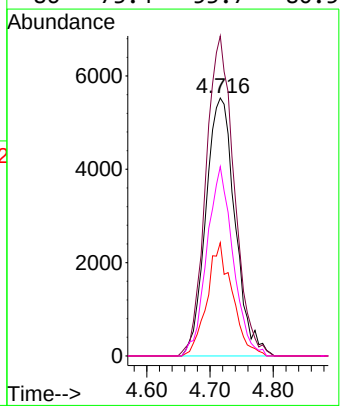


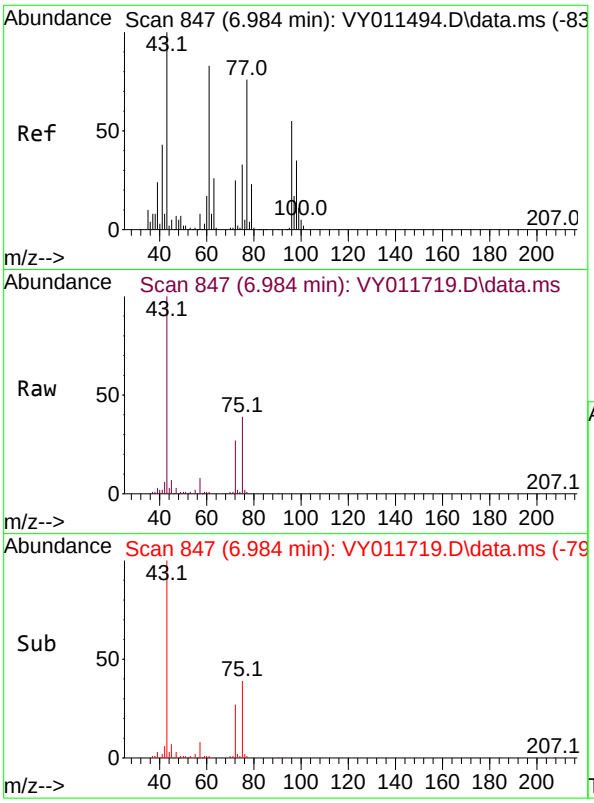


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 84 Resp: 17756

Ion	Ratio	Lower	Upper
84	100		
49	124.0	114.4	171.6
51	43.9	35.3	52.9
86	73.4	53.7	80.5



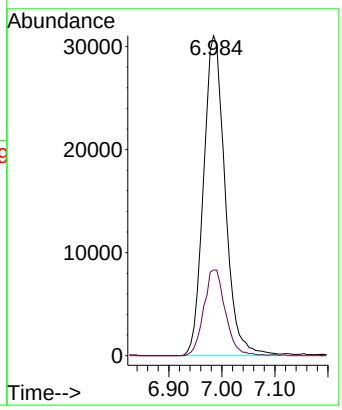


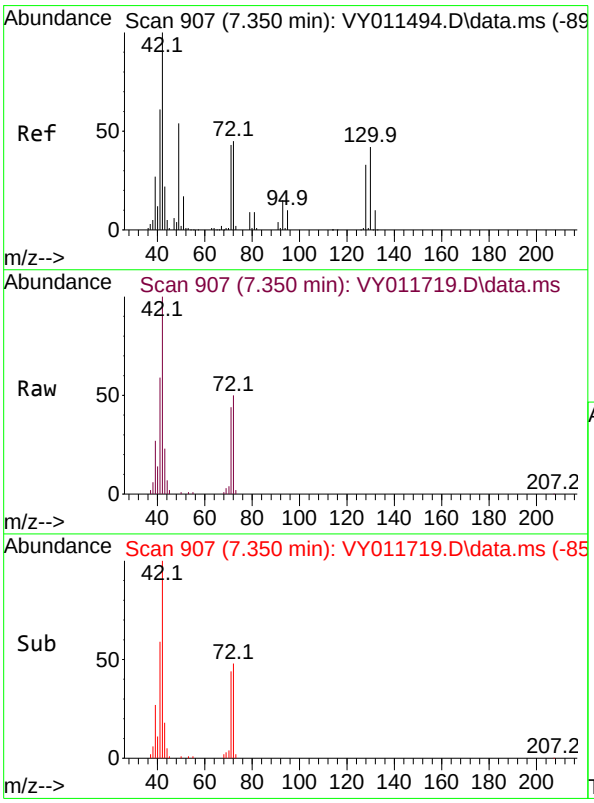
#25
2-Butanone
Concen: 94.286 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 43 Resp: 87609

Ion	Ratio	Lower	Upper
43	100		
72	26.8	17.7	26.5#

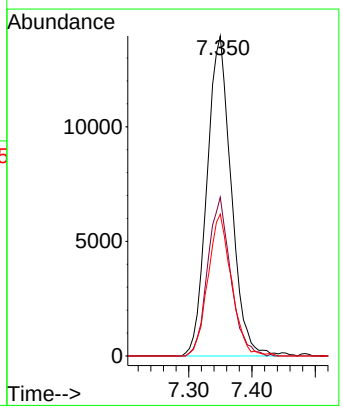


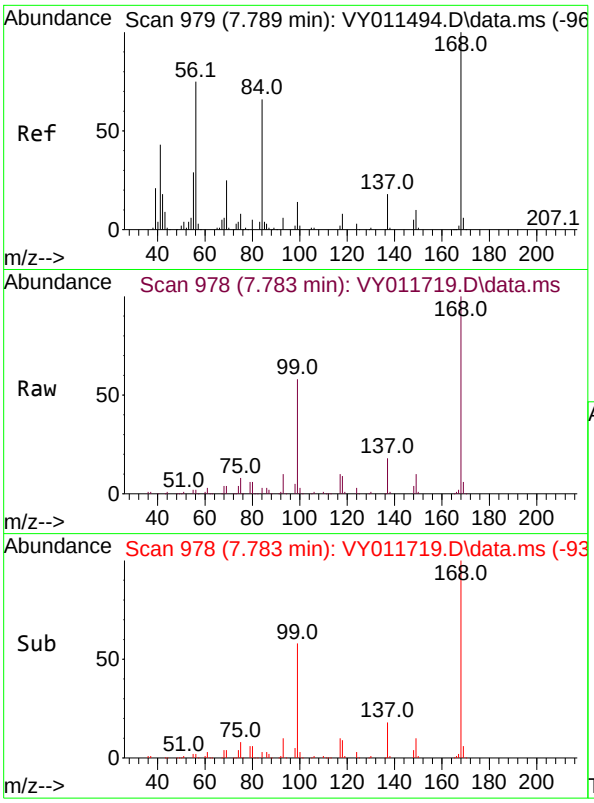


#29
Tetrahydrofuran
Concen: 70.578 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 42 Resp: 37035

Ion	Ratio	Lower	Upper
42	100		
72	47.2	30.3	45.5#
71	43.2	29.0	43.4



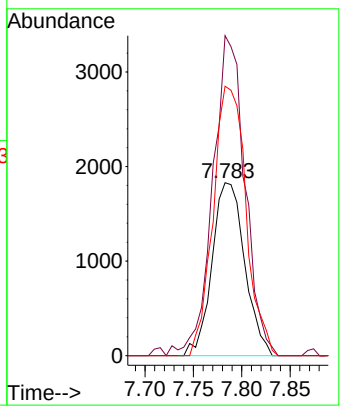


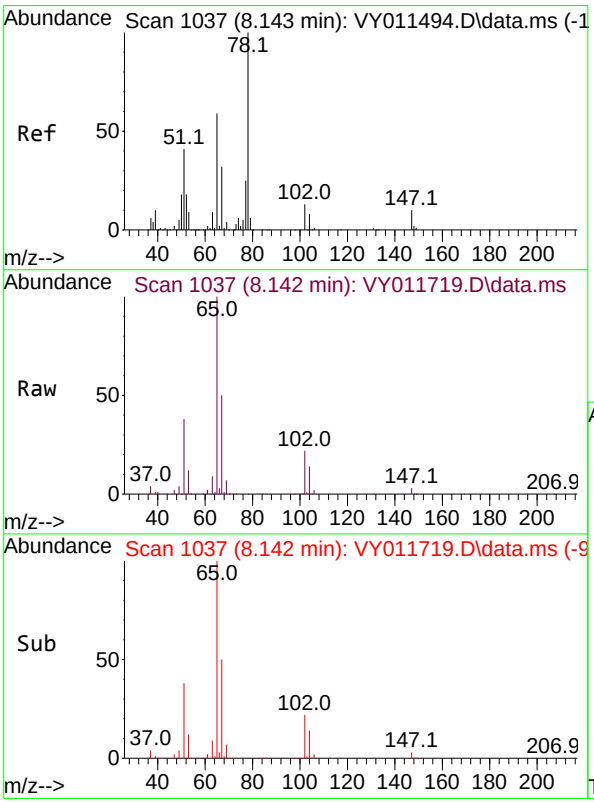
#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 56 Resp: 4280

Ion	Ratio	Lower	Upper
56	100		
69	185.0	26.7	40.1#
84	155.8	67.2	100.8#

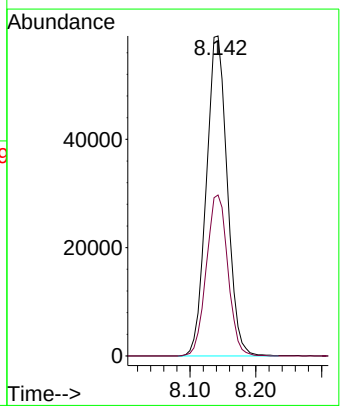


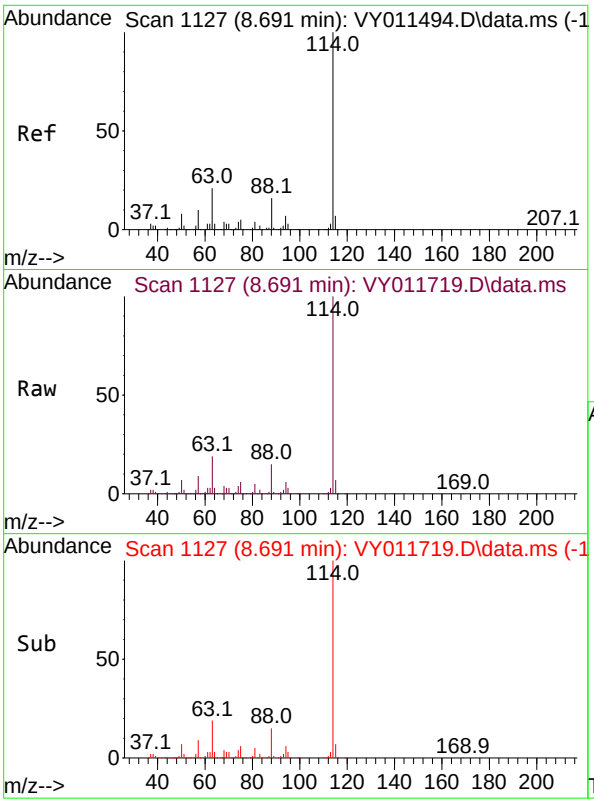


#33
1,2-Dichloroethane-d4
Concen: 60.060 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 65 Resp: 130730

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	99.4



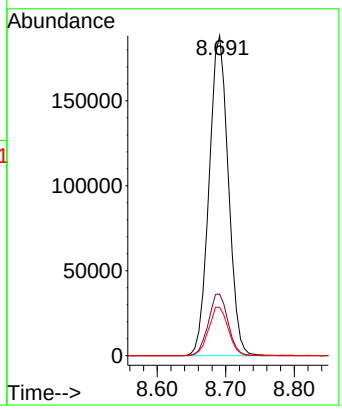


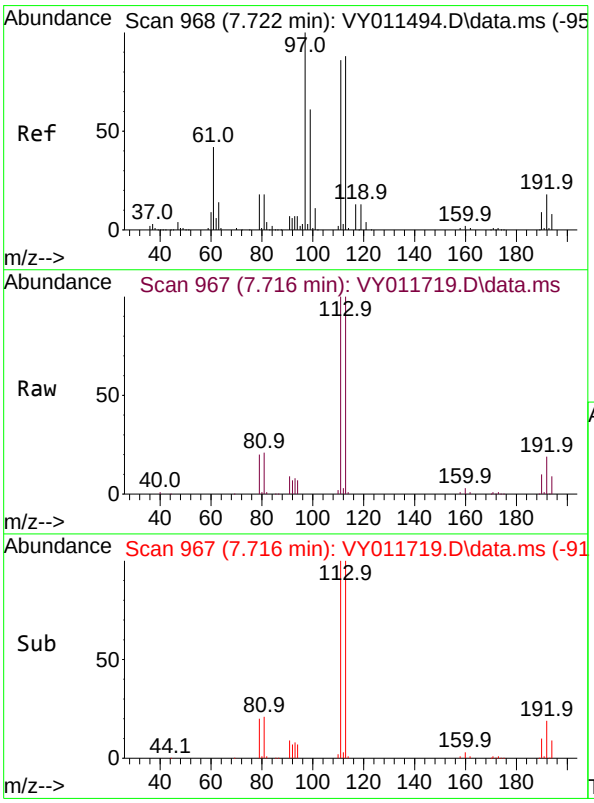
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion:114 Resp: 367487

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.2
88	15.1	0.0	31.8

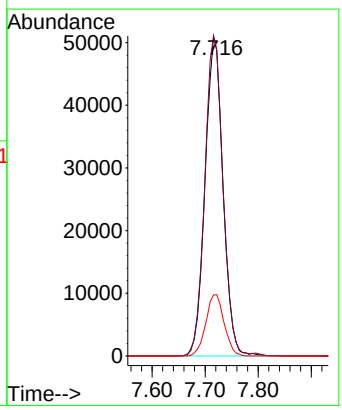


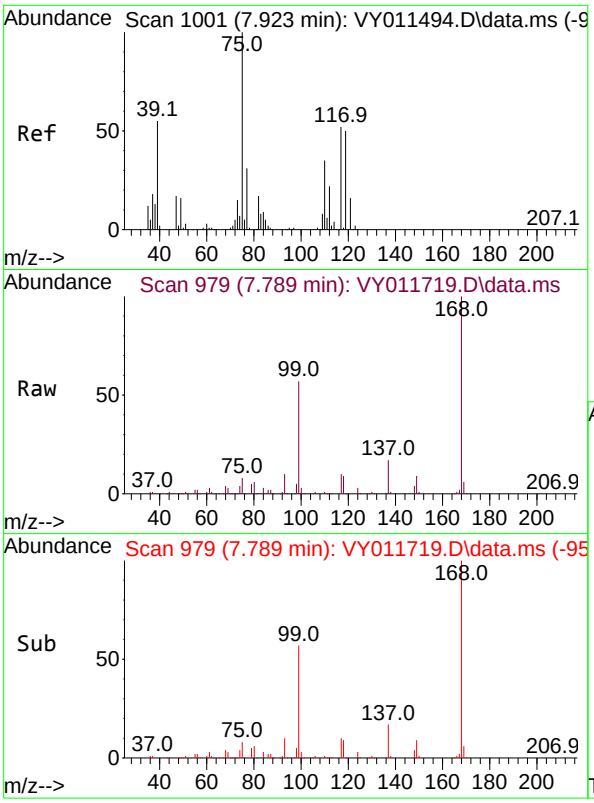


#35
Dibromofluoromethane
Concen: 52.874 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion:113 Resp: 119614

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	19.6	17.6	26.4



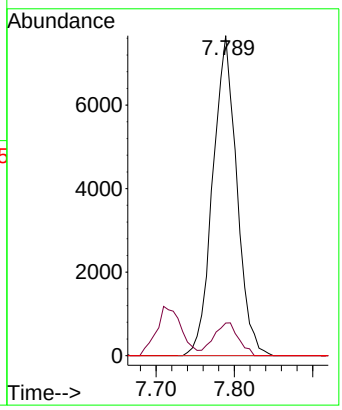


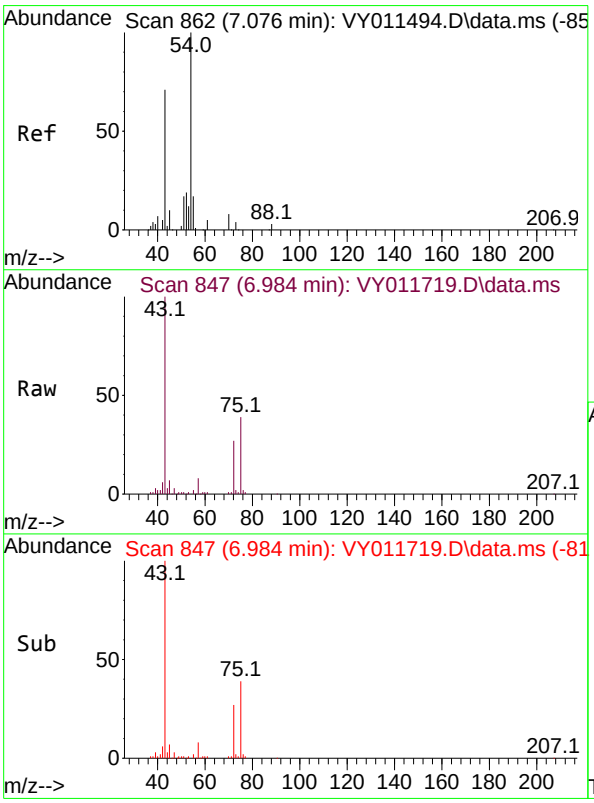
#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 75 Resp: 16281

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.2#
77	0.0	24.4	36.6#

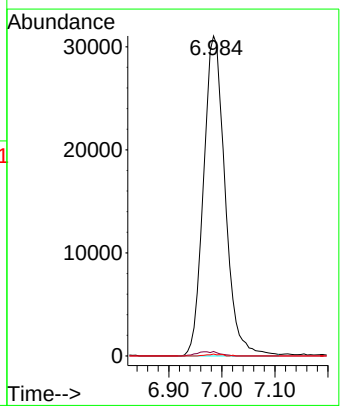


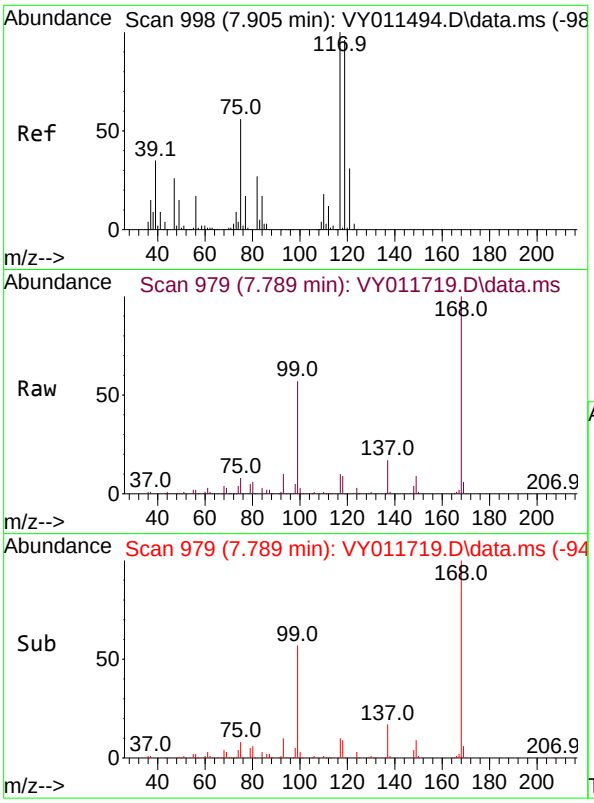


#37
Ethyl Acetate
Concen: 43.509 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.092 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 43 Resp: 87609

Ion	Ratio	Lower	Upper
43	100		
61	1.4	9.7	14.5#
70	0.4	7.1	10.7#



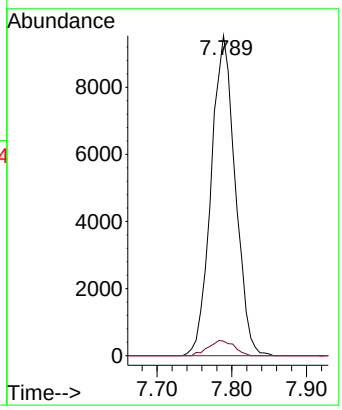


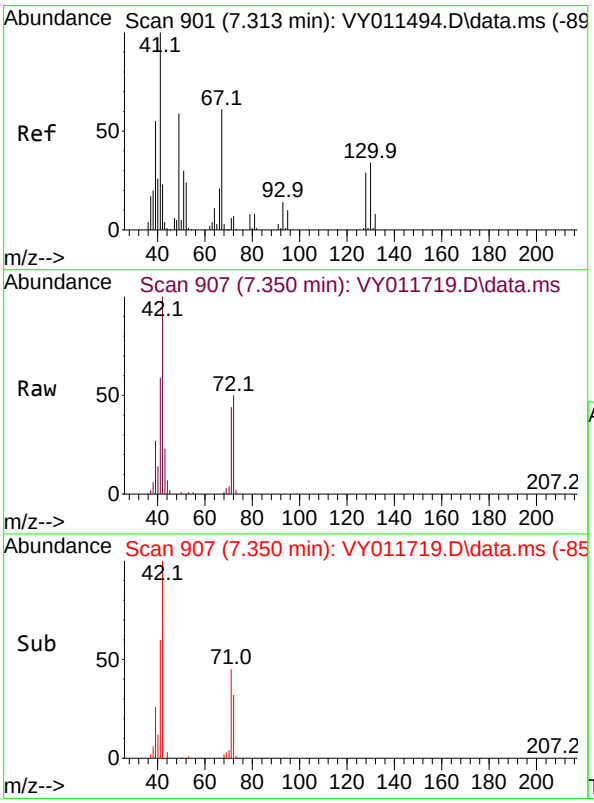
#38
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion:117 Resp: 21399

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.9	116.9#
121	0.0	24.8	37.2#

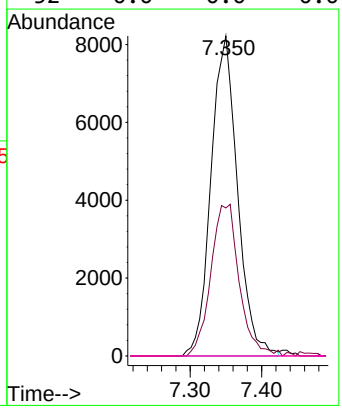


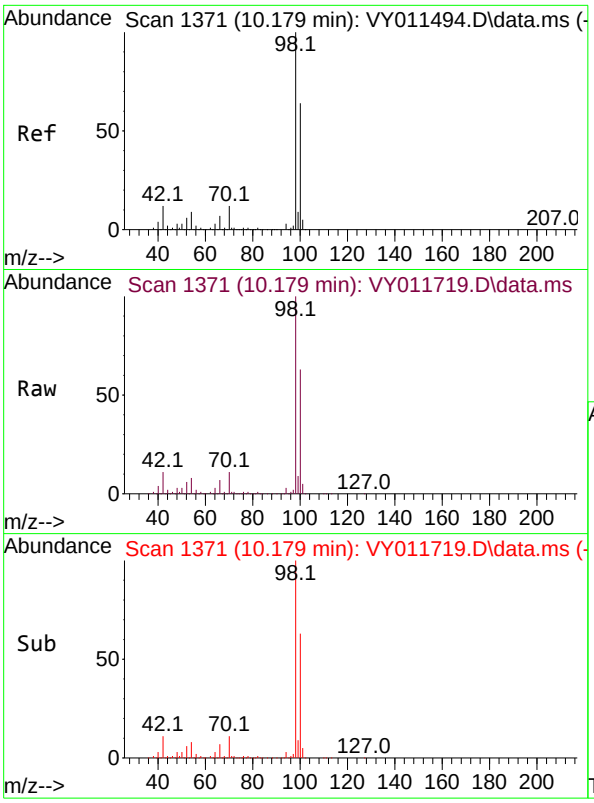


#41
Methacrylonitrile
Concen: 20.812 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 41 Resp: 21189

Ion	Ratio	Lower	Upper
41	100		
39	51.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



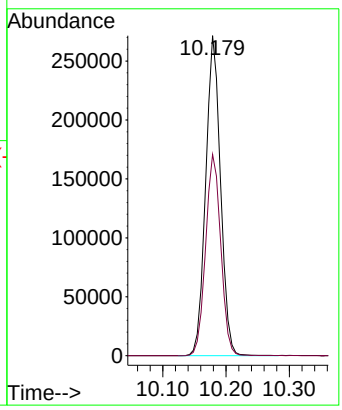


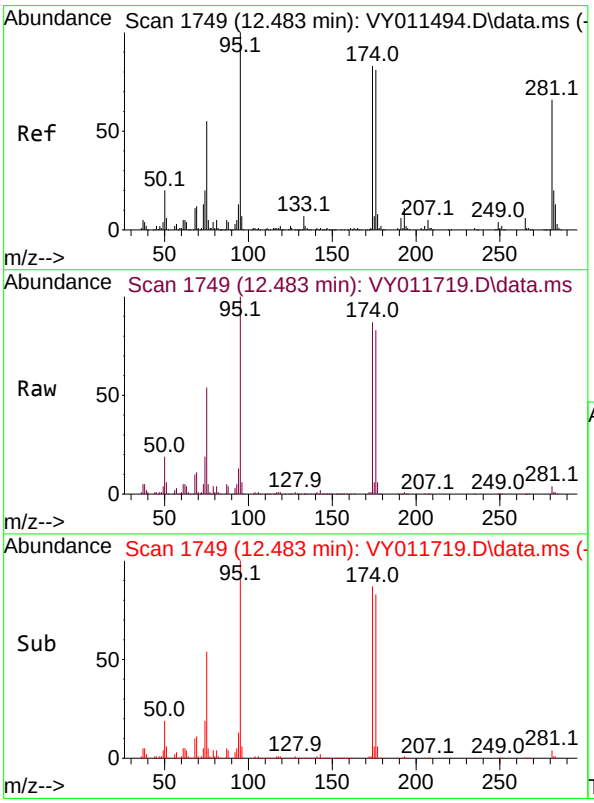
#50
Toluene-d8
Concen: 53.898 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 98 Resp: 443079

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.2	75.2

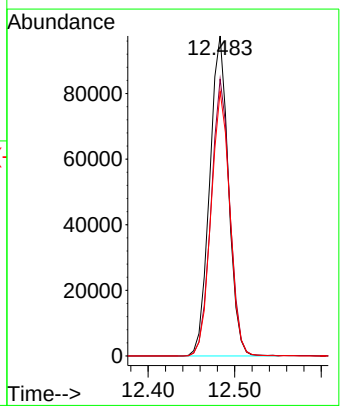


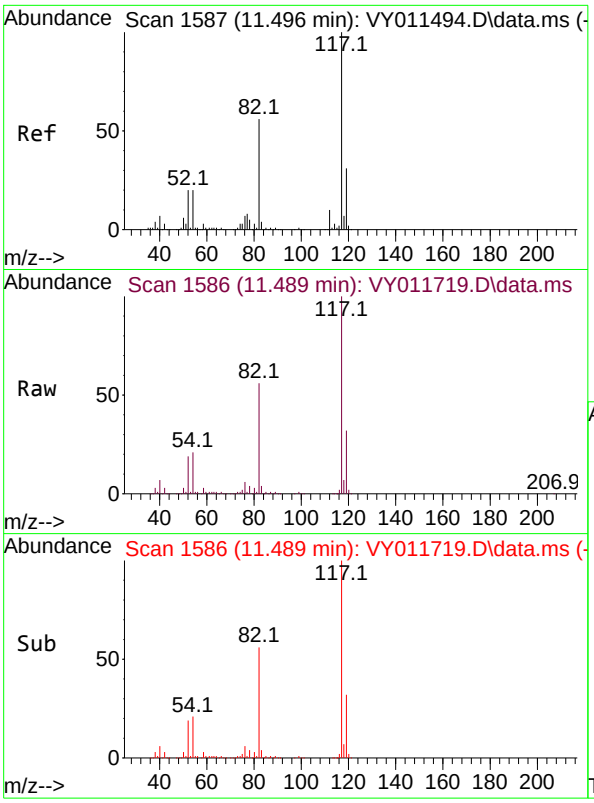


#62
4-Bromofluorobenzene
Concen: 48.379 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 95 Resp: 147046

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	177.0
176	82.8	0.0	175.8



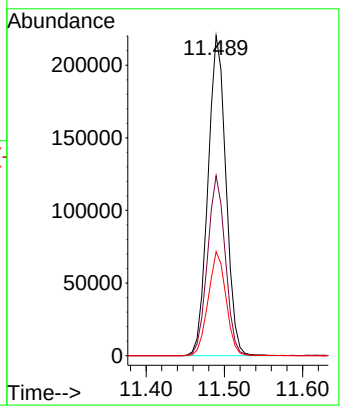


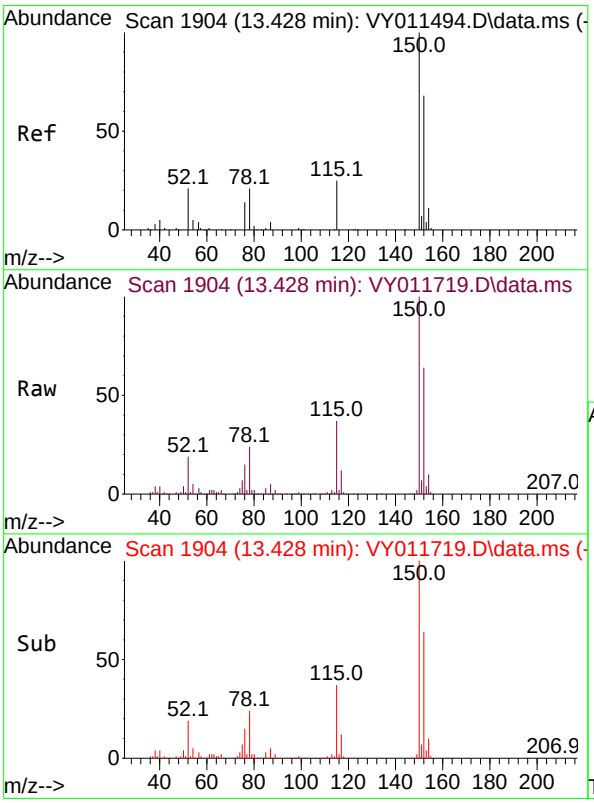
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion:117 Resp: 350925

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.4
119	32.5	25.4	38.0

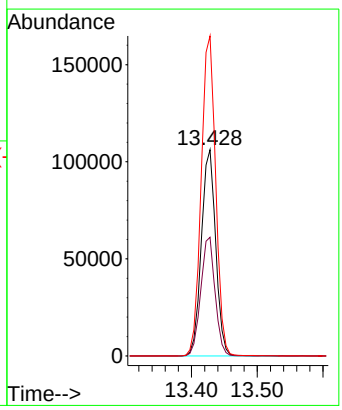


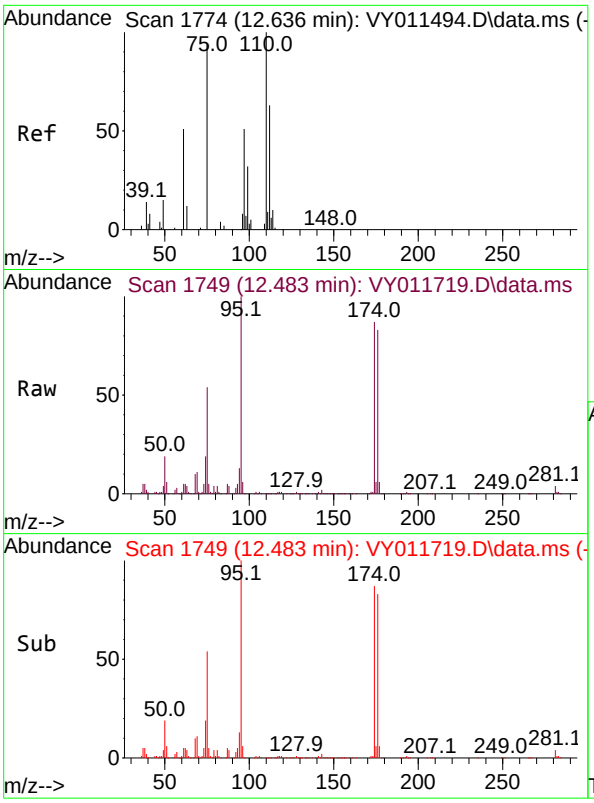


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion:152 Resp: 160783

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.2	84.7
150	156.9	0.0	347.6



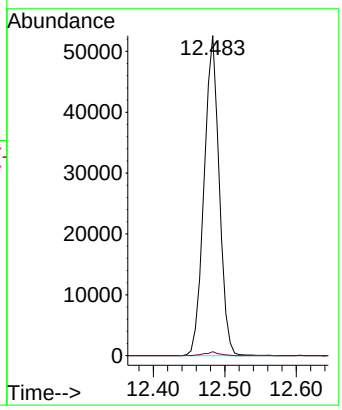


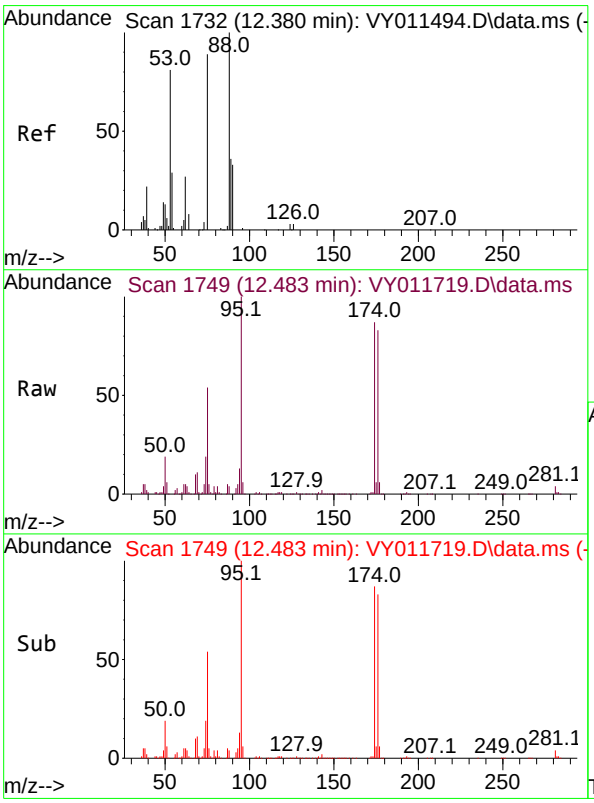
#76
1,2,3-Trichloropropane
Concen: 44.692 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.153 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion: 75 Resp: 77385

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

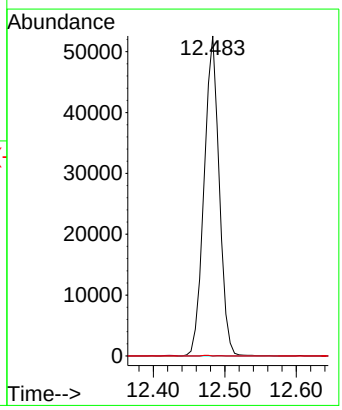


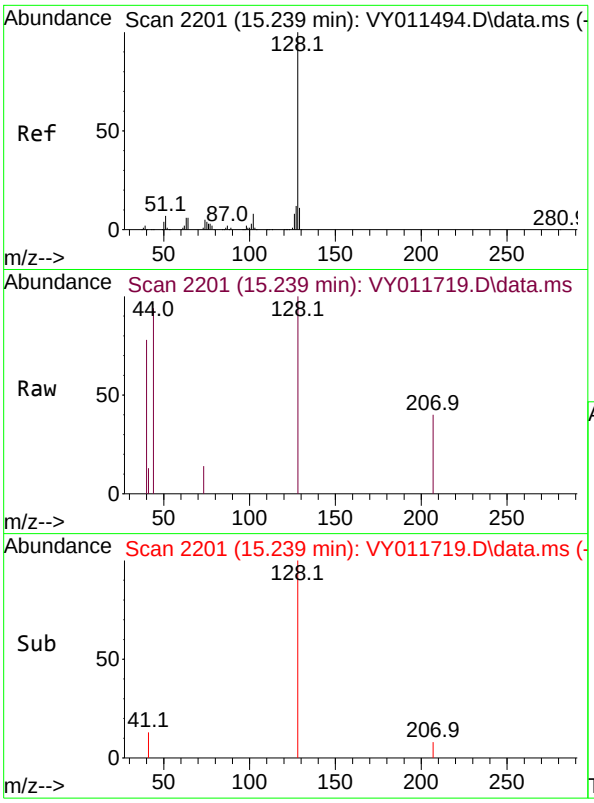


#81
trans-1,4-Dichloro-2-butene
Concen: 97.890 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 75 Resp: 77385

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.1	37.0	55.4#





#95
Naphthalene
Concen: 4.121 ug/l
RT: 15.239 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-30

Tgt Ion:128 Resp: 627

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#