Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015980.D
Acq On : 16 Oct 2023 12:49
Operator : SY/MD
Sample : 04878-05RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 05:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	57398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	94127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	86999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	40327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	37410	57.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.220%			
35) Dibromofluoromethane	7.728	113	32154	54.261	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.191	98	109452	49.321	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.489	95	37015	46.842	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.680%			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	412	Below Cal	#	83
11) Tert butyl alcohol	5.009	59	2301	6.054	ug/l #	95
16) Acetone	3.979	43	4173	10.966	ug/l #	82
20) Methylene Chloride	4.729	84	5723	4.061	ug/l	89
25) 2-Butanone	7.027	43	1022	1.845	ug/l #	49
31) Cyclohexane	7.801	56	1166	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4232	4.733	ug/l #	50
38) Carbon Tetrachloride	7.801	117	5773	6.131	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	19683	24.940	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	19683	58.751	ug/l #	10
95) Naphthalene	15.233	128	3150	1.144	ug/l	98

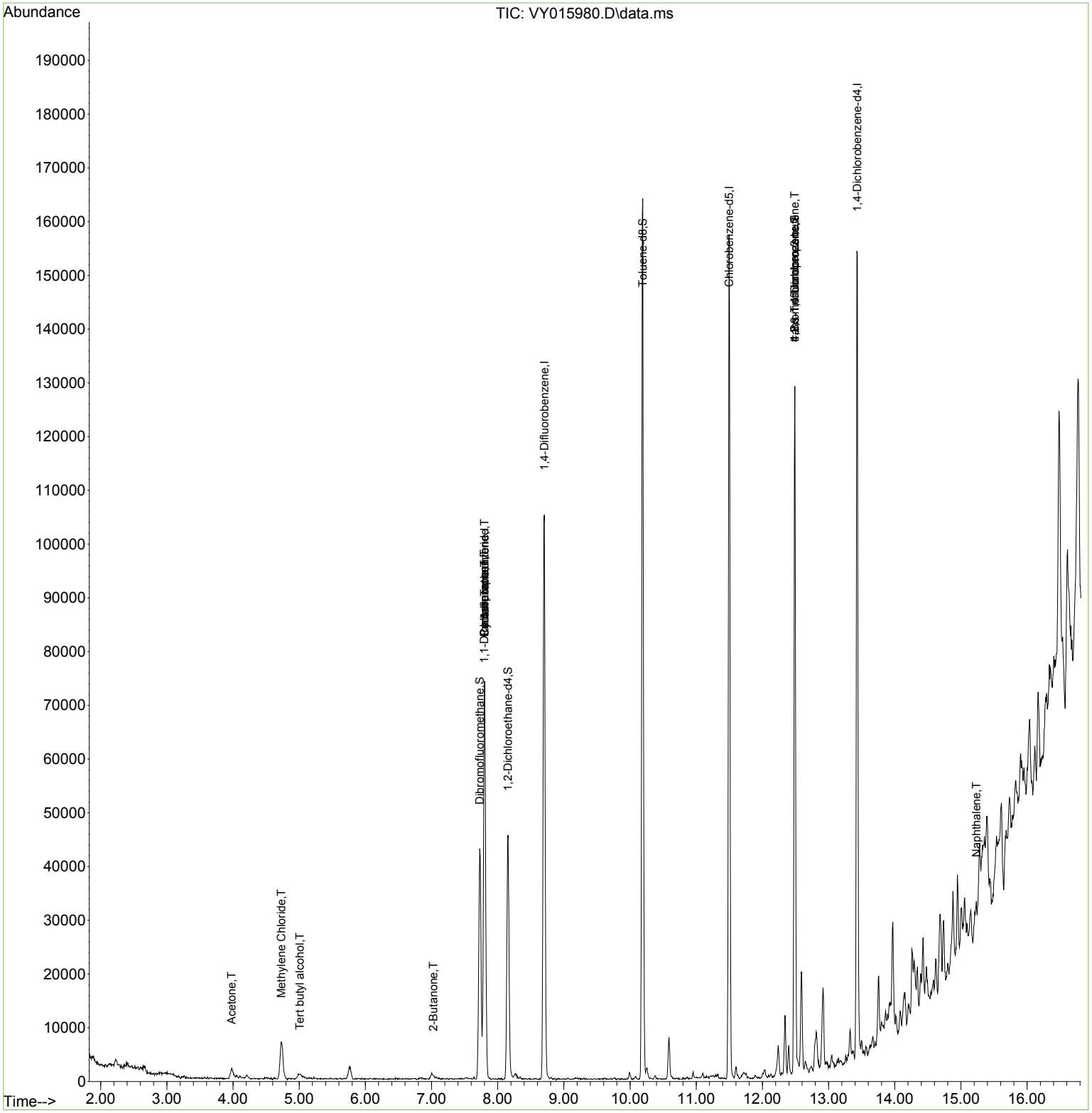
(#) = qualifier out of range (m) = manual integration (+) = signals summed

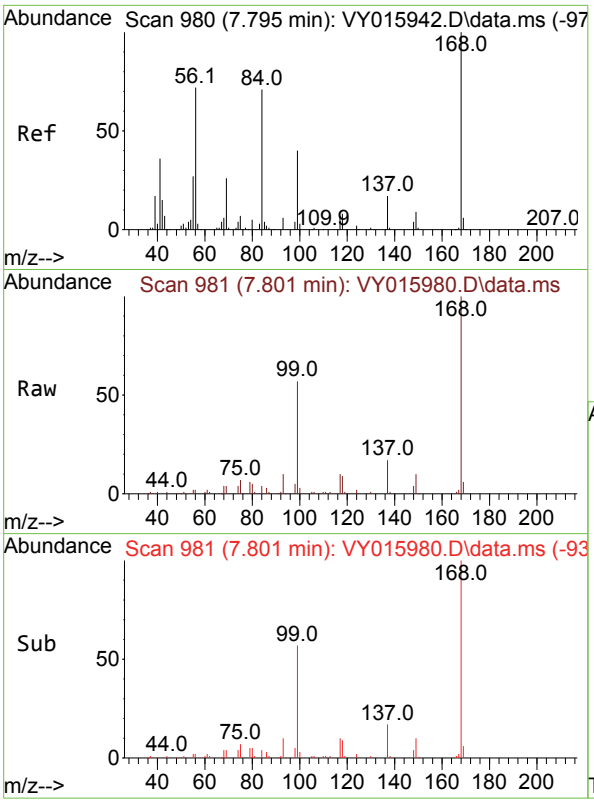
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015980.D
Acq On : 16 Oct 2023 12:49
Operator : SY/MD
Sample : 04878-05RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 05:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration



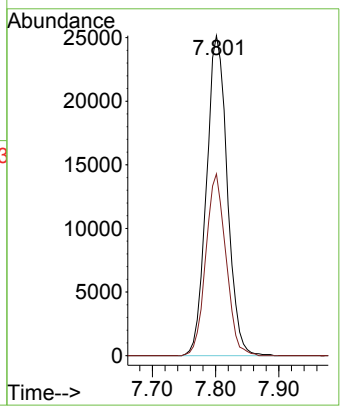


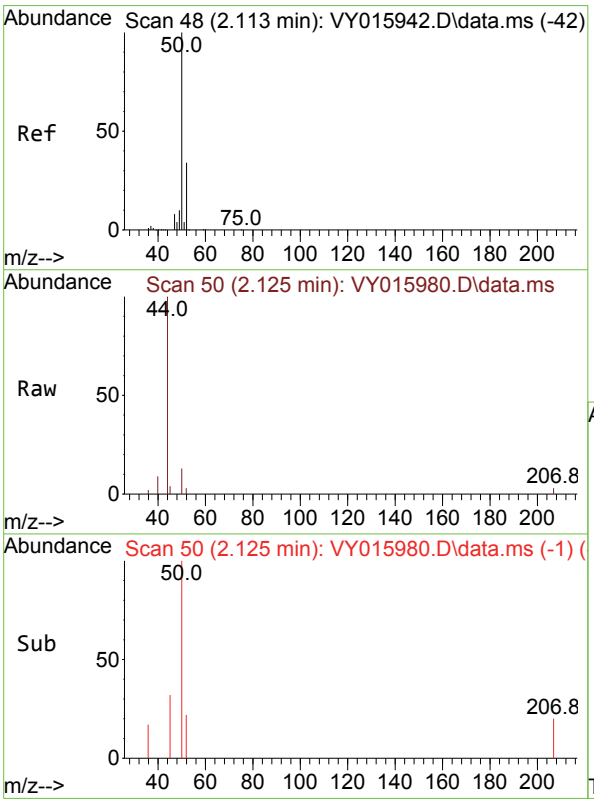
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 57398

Ion	Ratio	Lower	Upper
168	100		
99	56.8	43.4	65.0

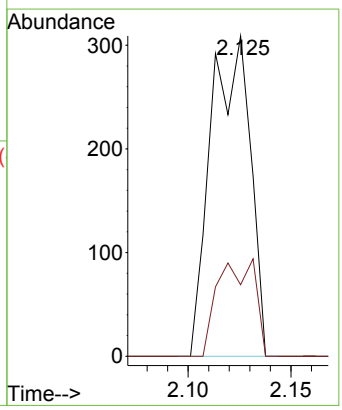


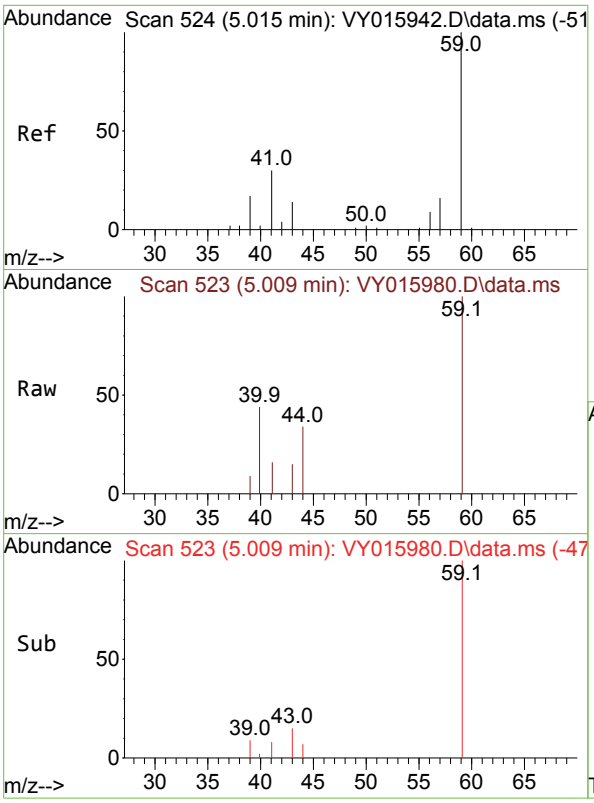


#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 50 Resp: 412

Ion	Ratio	Lower	Upper
50	100		
52	22.3	25.4	38.2#



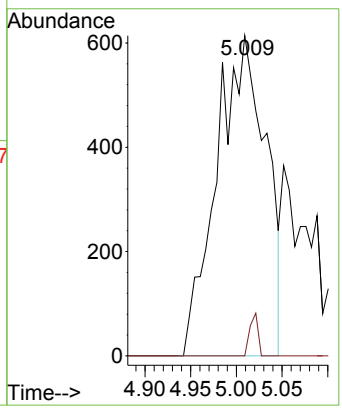


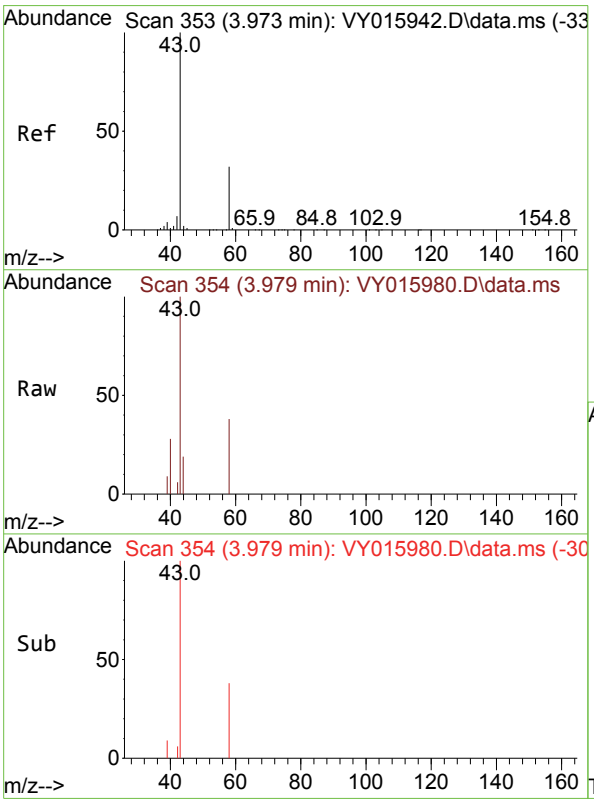
#11
Tert butyl alcohol
Concen: 6.054 ug/l
RT: 5.009 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 2301

Ion	Ratio	Lower	Upper
59	100		
57	2.2	3.0	4.4#

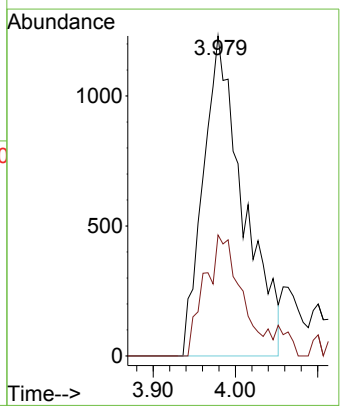


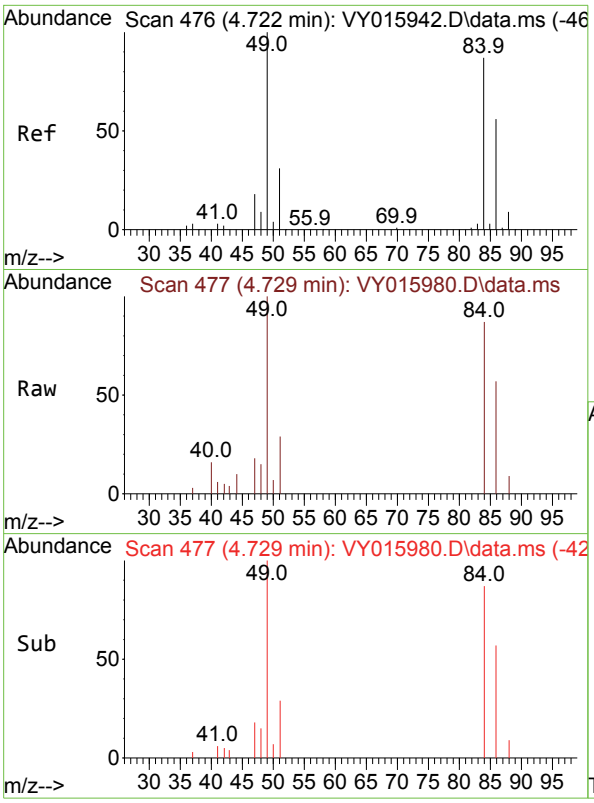


#16
Acetone
Concen: 10.966 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 43 Resp: 4173

Ion	Ratio	Lower	Upper
43	100		
58	37.8	22.7	34.1#



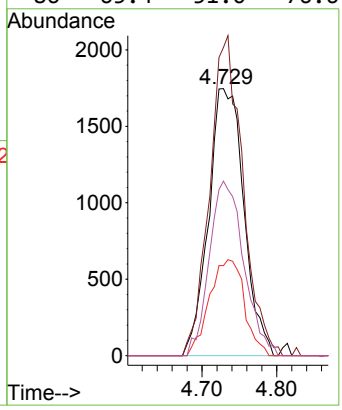


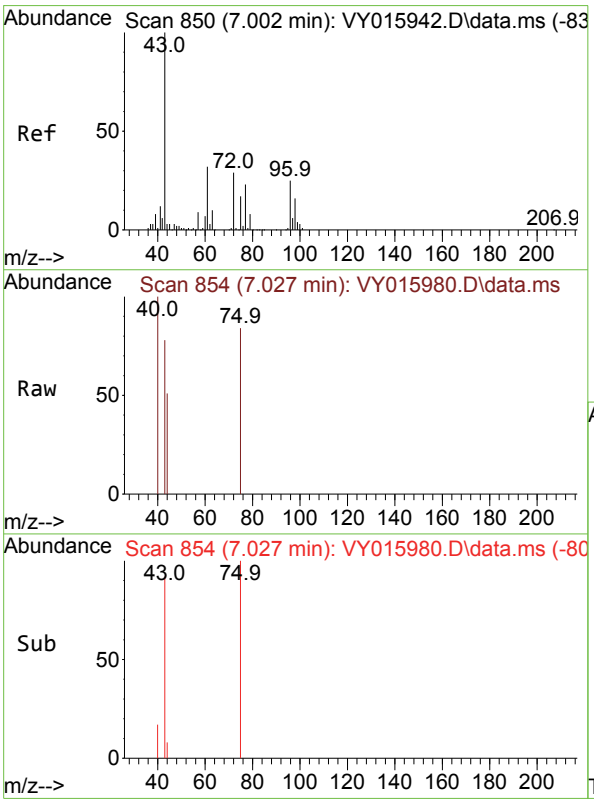
#20
Methylene Chloride
Concen: 4.061 ug/l
RT: 4.729 min Scan# 4
Delta R.T. 0.007 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5723

Ion	Ratio	Lower	Upper
84	100		
49	115.5	106.9	160.3
51	33.7	33.2	49.8
86	65.4	51.0	76.6

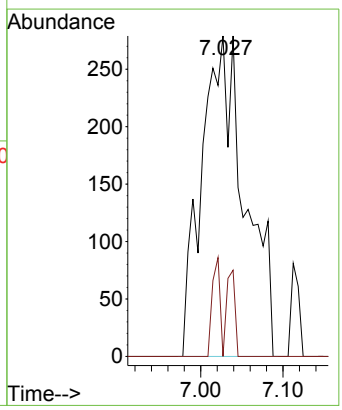


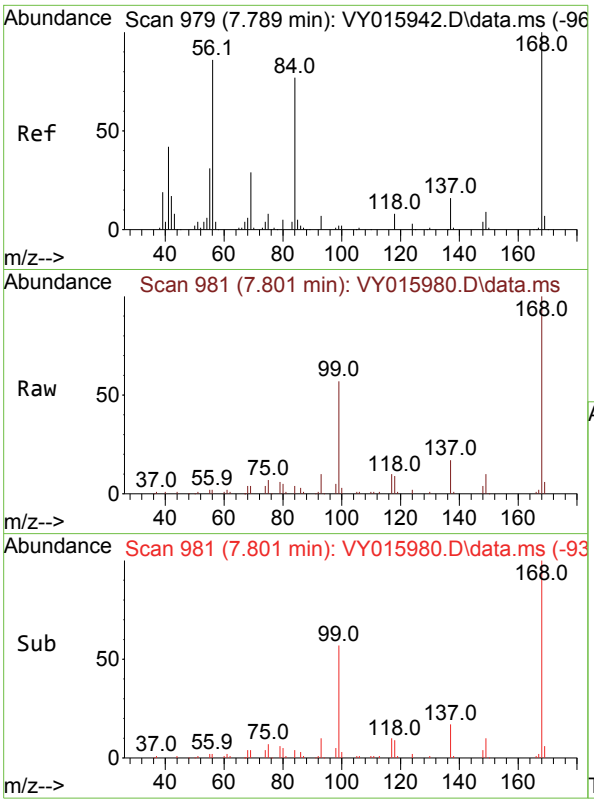


#25
2-Butanone
Concen: 1.845 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.025 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 43 Resp: 1022

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



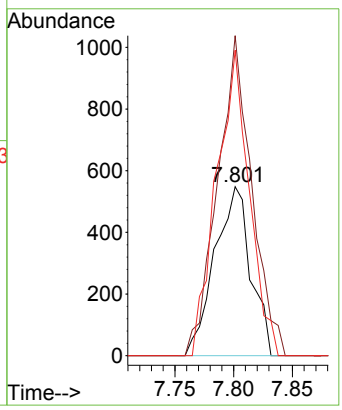


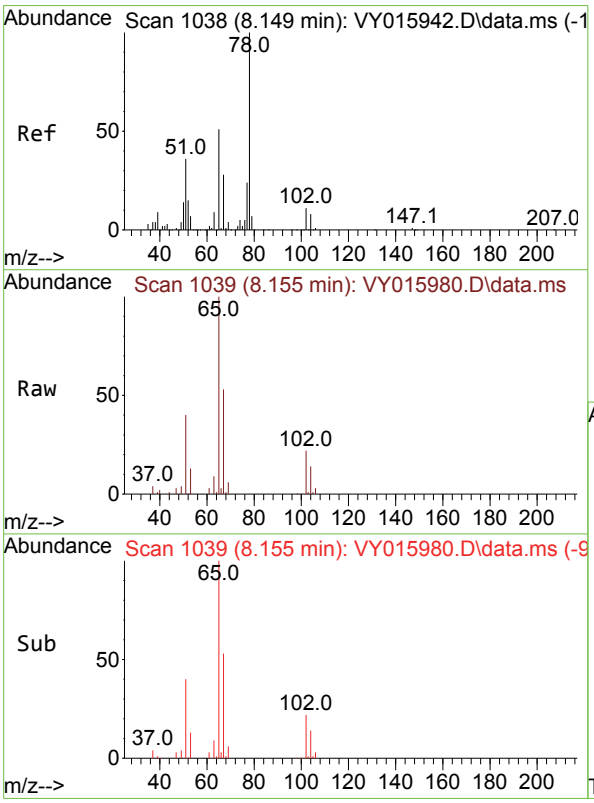
#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1166

Ion	Ratio	Lower	Upper
56	100		
69	189.4	27.8	41.6#
84	180.8	66.4	99.6#

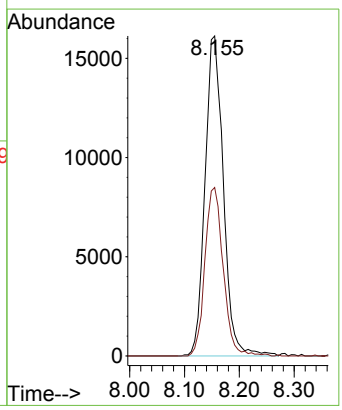


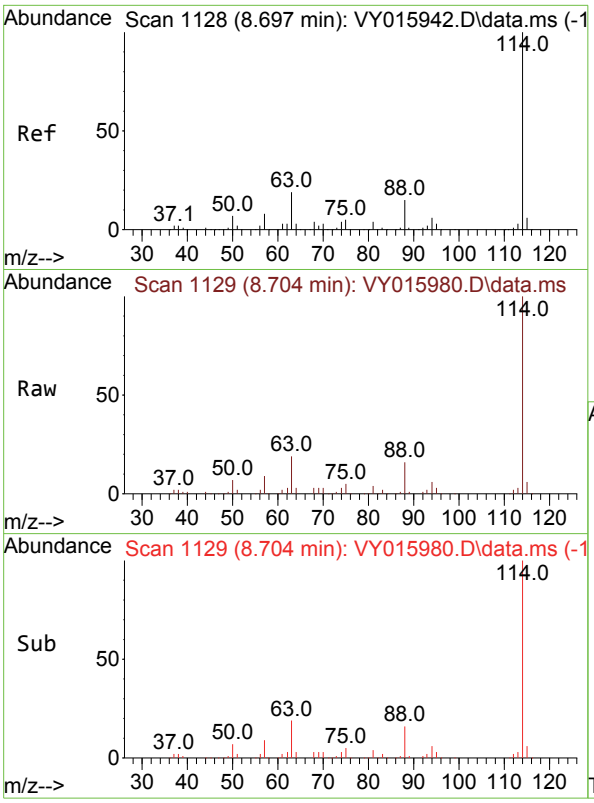


#33
1,2-Dichloroethane-d4
Concen: 57.108 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 65 Resp: 37410

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	101.8



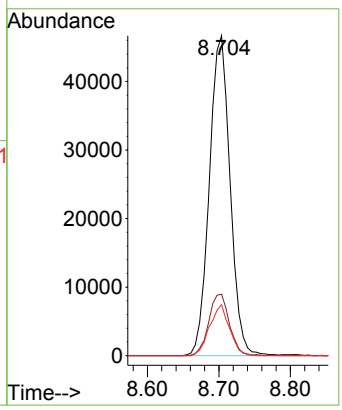


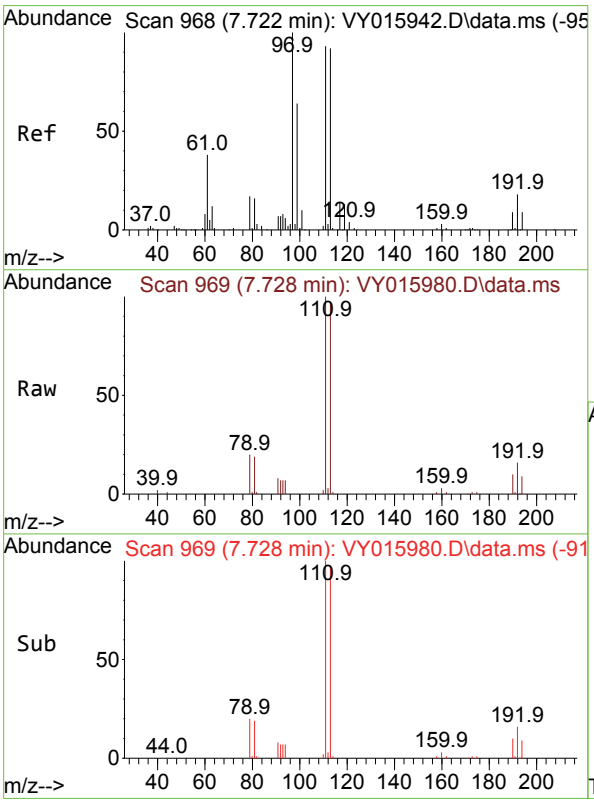
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 94127

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.4
88	15.9	0.0	30.6

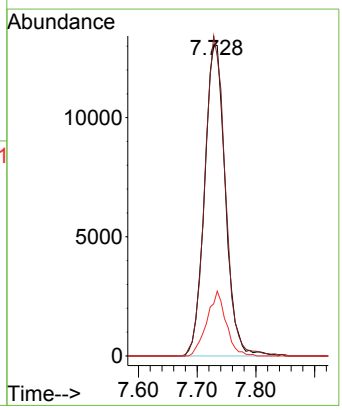


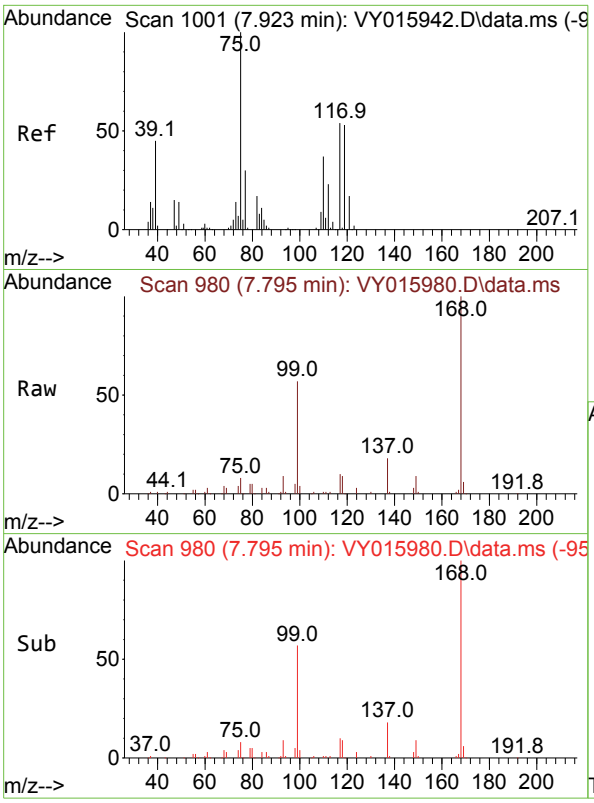


#35
Dibromofluoromethane
Concen: 54.261 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion:113 Resp: 32154

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	19.2	16.9	25.3



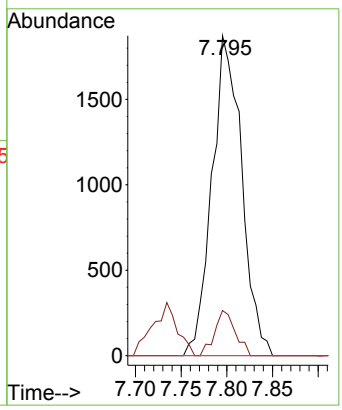


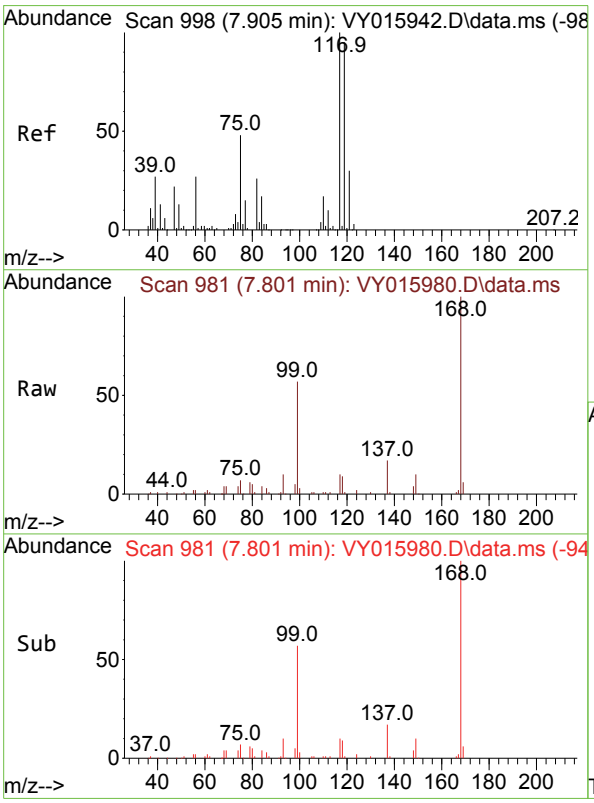
#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4232

Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.8	53.5#
77	0.0	24.4	36.6#

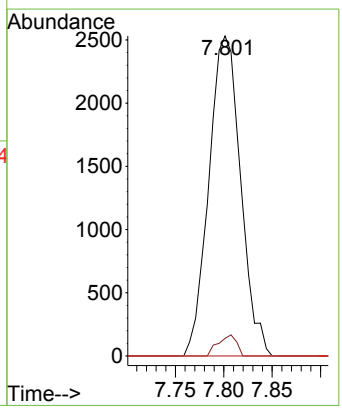


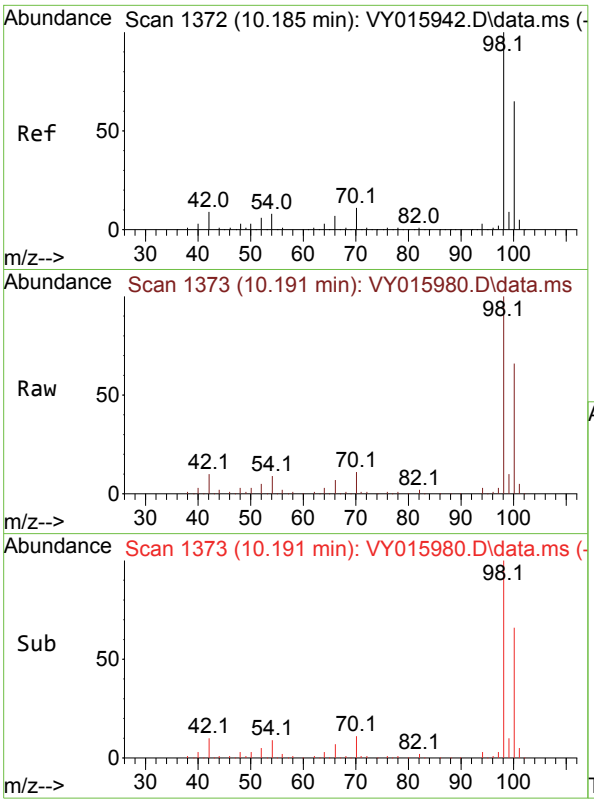


#38
Carbon Tetrachloride
Concen: 6.131 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion:117 Resp: 5773

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.4	114.6#
121	0.0	25.8	38.6#



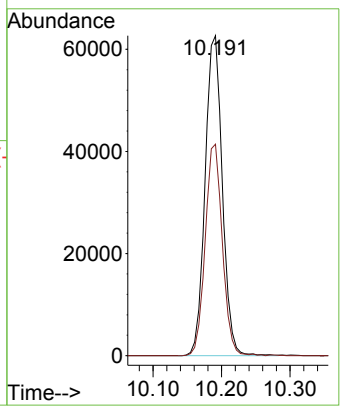


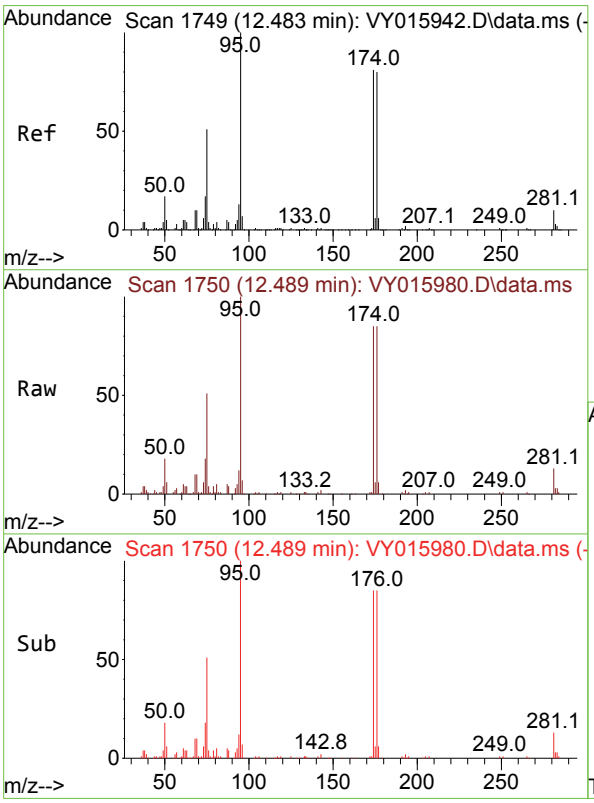
#50
Toluene-d8
Concen: 49.321 ug/l
RT: 10.191 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 109452

Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.1	75.1

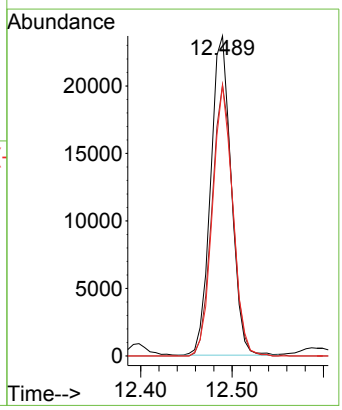


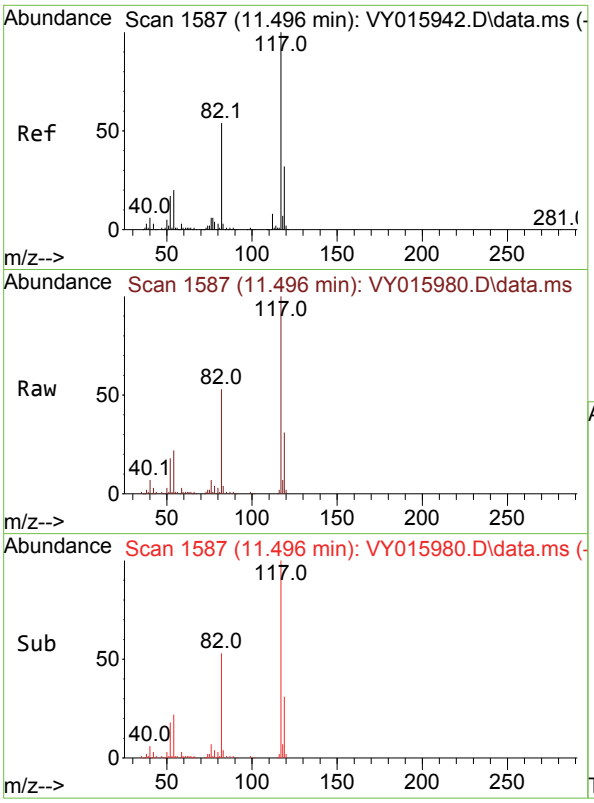


#62
4-Bromofluorobenzene
Concen: 46.842 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 95 Resp: 37015

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	178.2
176	83.8	0.0	173.8



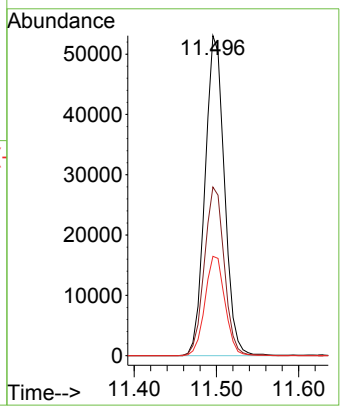


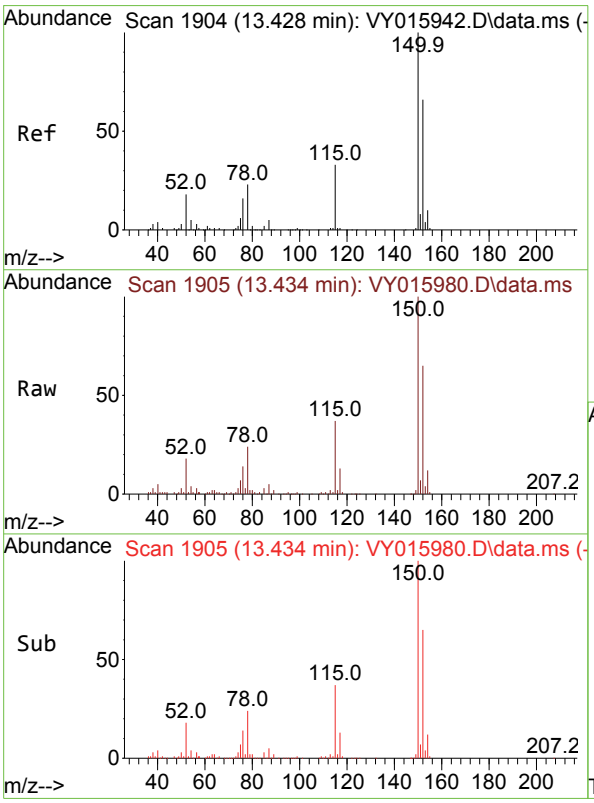
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 86999

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.4	65.0
119	31.0	26.3	39.5

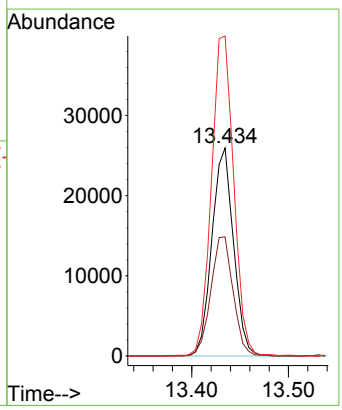


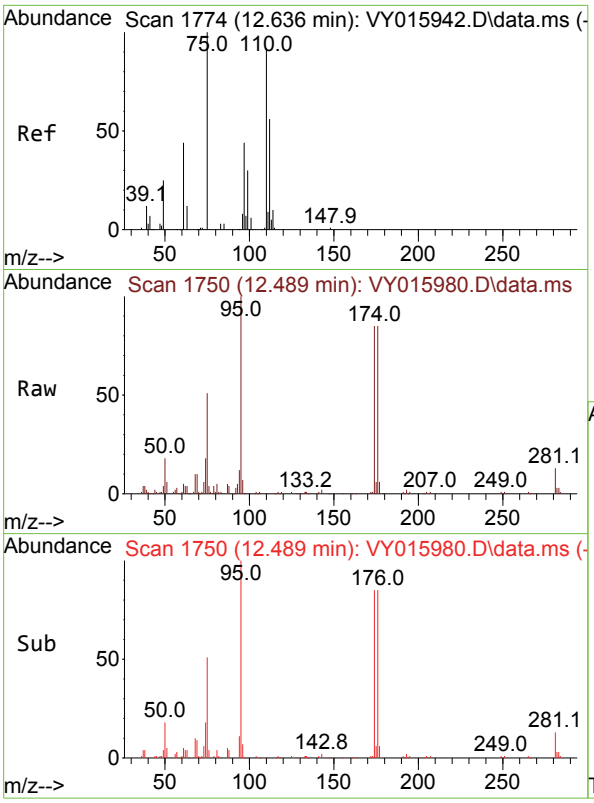


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion:152 Resp: 40327

Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.8	86.5
150	158.4	0.0	348.8



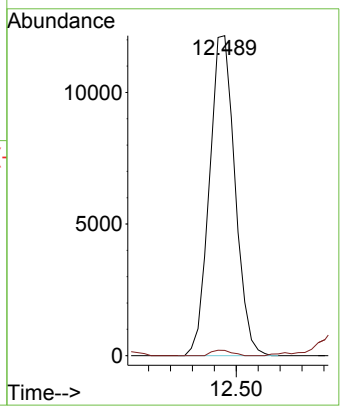


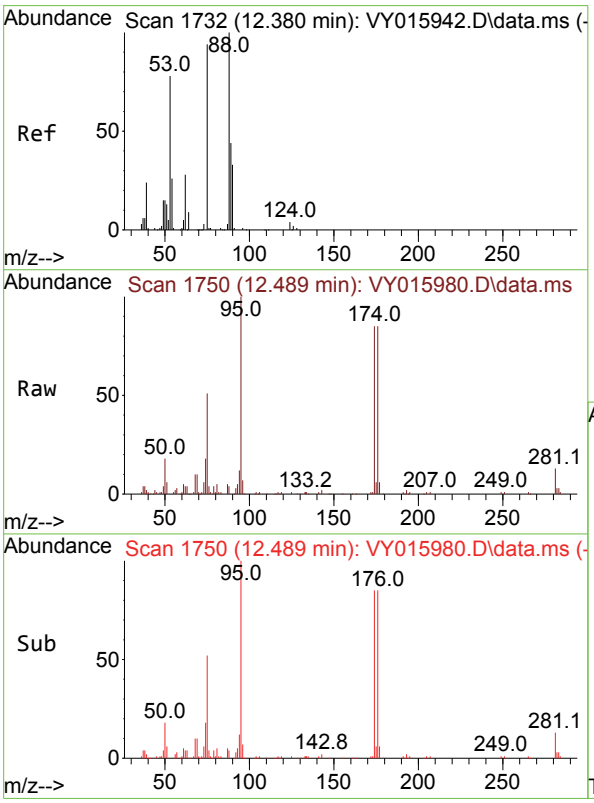
#76
1,2,3-Trichloropropane
Concen: 24.940 ug/l
RT: 12.489 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19683

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

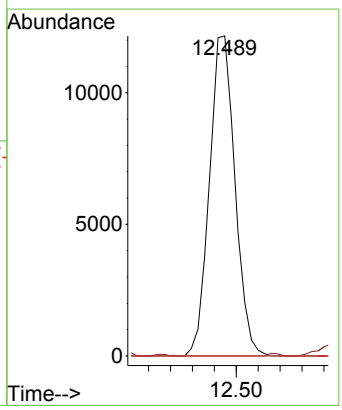


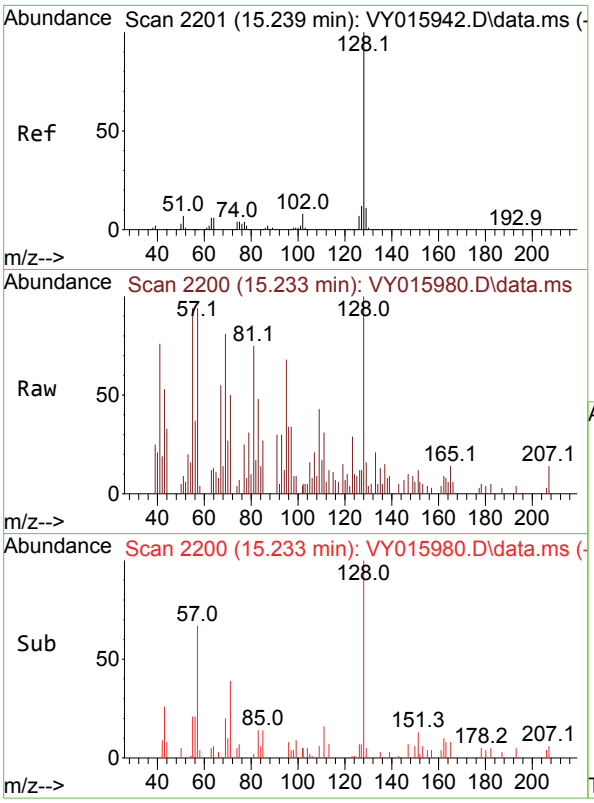


#81
trans-1,4-Dichloro-2-butene
Concen: 58.751 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 75 Resp: 19683

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#





#95
Naphthalene
Concen: 1.144 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 3150

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.8	16.2
129	10.5	8.6	13.0