Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
Data File : VY018387.D
Acq On : 28 May 2024 18:02
Operator : SY/MD
Sample : P2615-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 29 01:23:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	88888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	175252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49585	58.880	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.760%			
35) Dibromofluoromethane	7.710	113	53455	52.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.620%			
50) Toluene-d8	10.173	98	204761	51.389	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.780%			
62) 4-Bromofluorobenzene	12.477	95	58425	47.454	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.900%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	352	Below Cal	#	94
13) Acrolein	3.729	56	125	Below Cal	#	70
16) Acetone	3.936	43	1617	9.336	ug/l #	65
20) Methylene Chloride	4.698	84	13173	9.265	ug/l #	86
25) 2-Butanone	6.960	43	310	1.129	ug/l #	41
31) Cyclohexane	7.783	56	2129	Below Cal	#	33
36) 1,1-Dichloropropene	7.777	75	8097	5.463	ug/l #	42
38) Carbon Tetrachloride	7.777	117	9520	6.271	ug/l #	18
49) 1,4-Dioxane	9.282	88	31	4.007	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	31180	65.847	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31180	135.480	ug/l #	16

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

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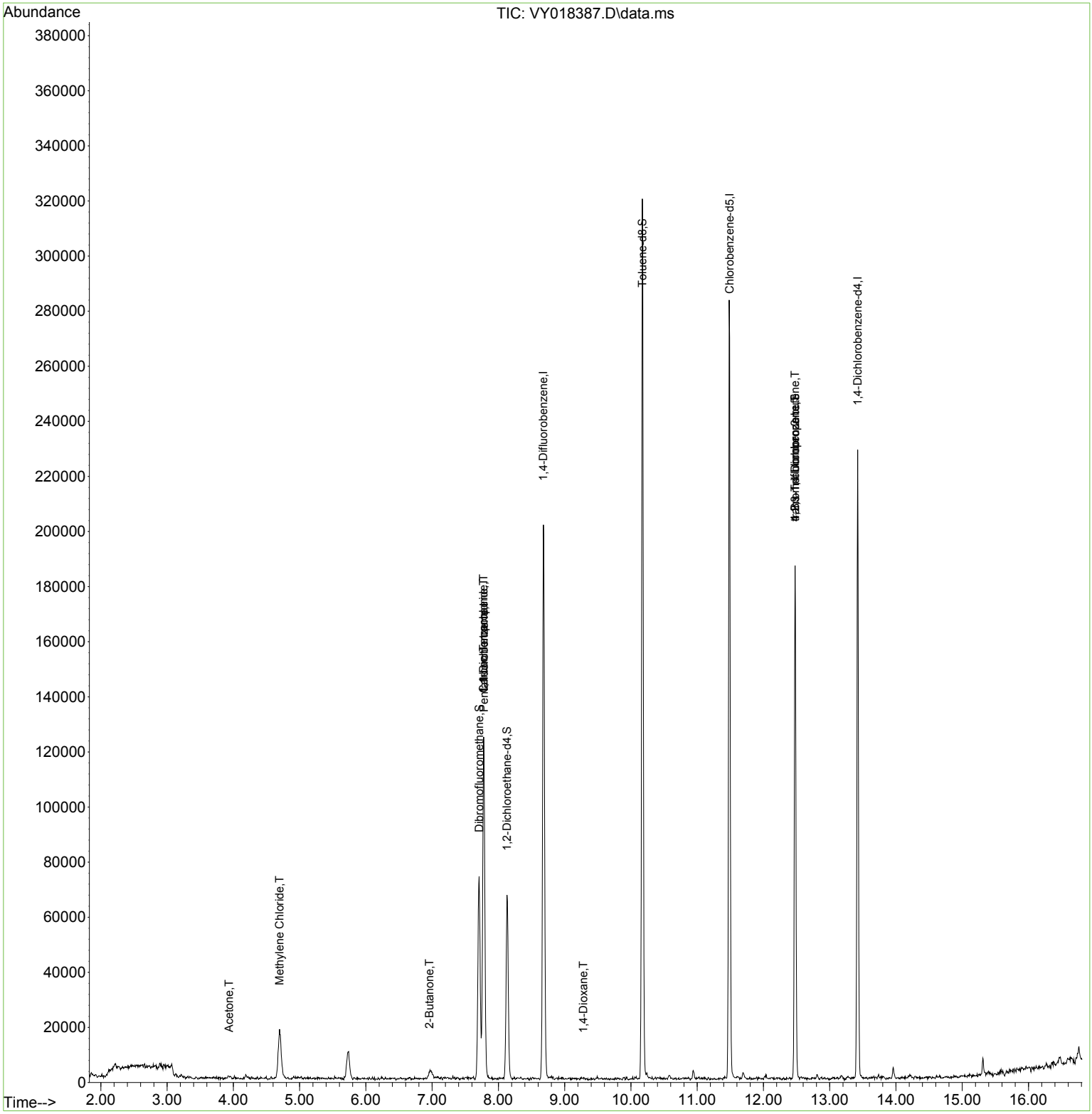
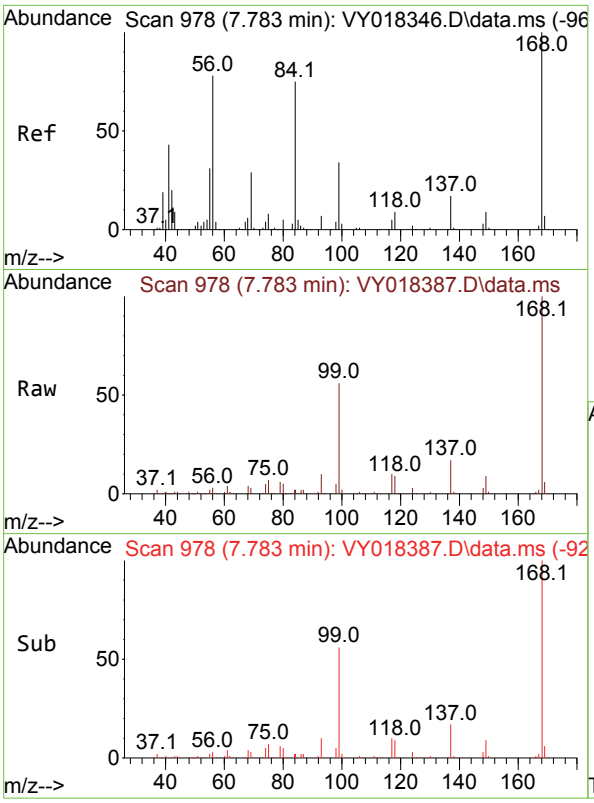
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 29 01:23:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



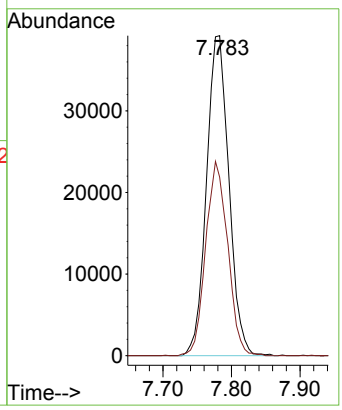


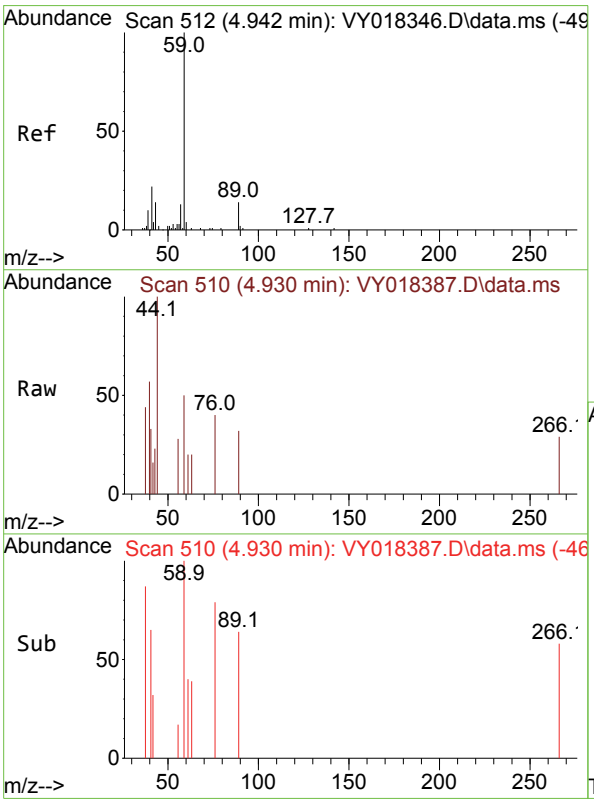
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 88888

Ion	Ratio	Lower	Upper
168	100		
99	55.8	39.1	58.7

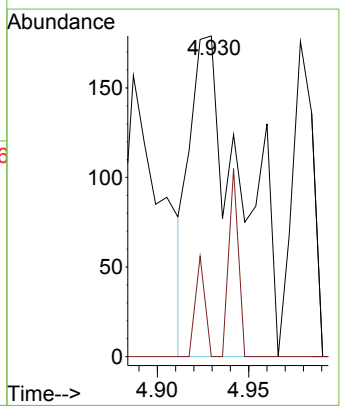


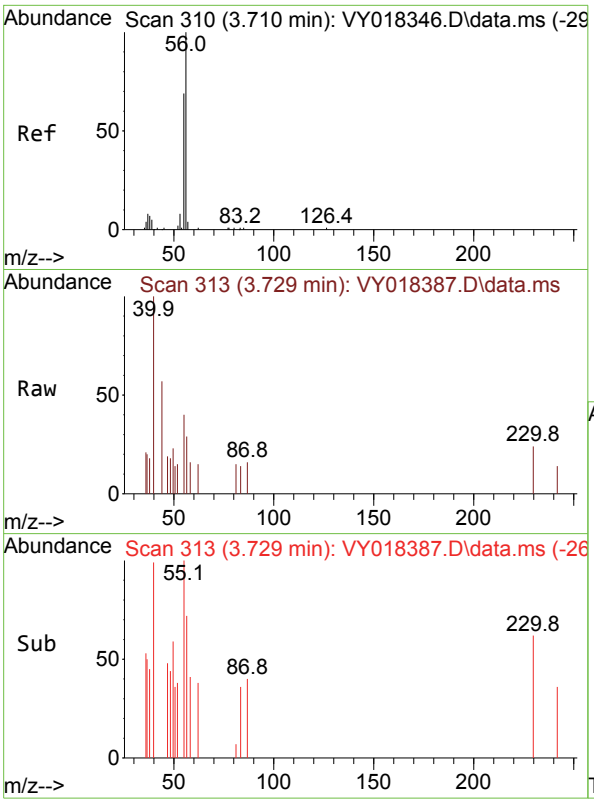


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 59 Resp: 352

Ion	Ratio	Lower	Upper
59	100		
57	5.7	3.0	4.6#



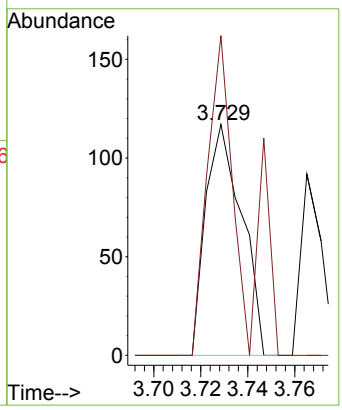


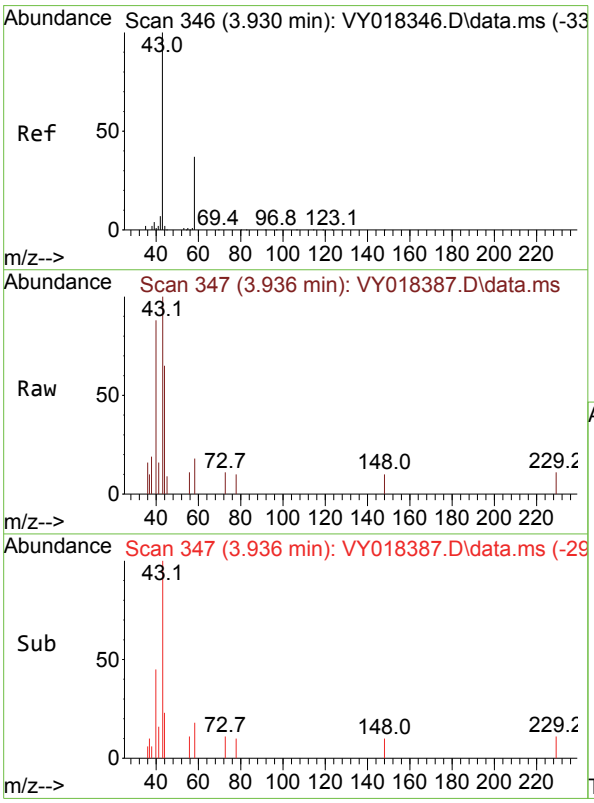
#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 3
Delta R.T. 0.019 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 125

Ion	Ratio	Lower	Upper
56	100		
55	94.4	55.7	83.5#

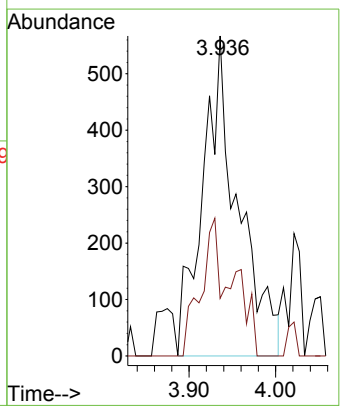


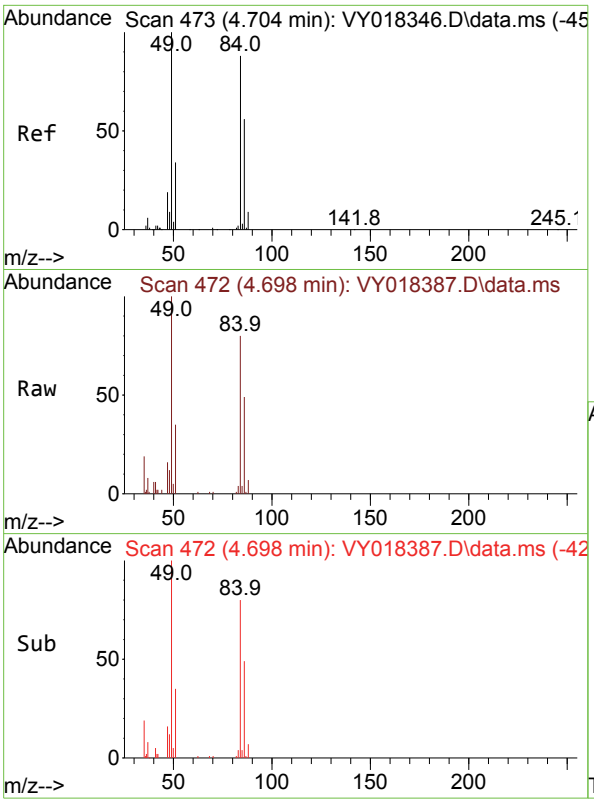


#16
Acetone
Concen: 9.336 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 43 Resp: 1617

Ion	Ratio	Lower	Upper
43	100		
58	18.0	31.7	47.5#



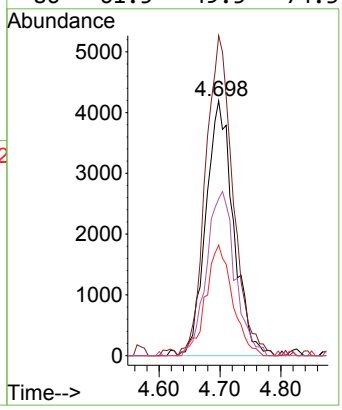


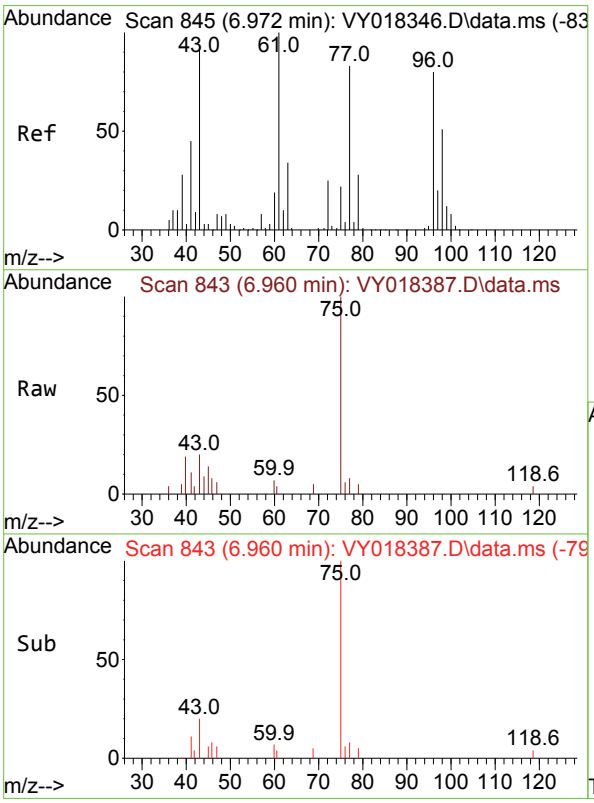
#20
Methylene Chloride
Concen: 9.265 ug/l
RT: 4.698 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 13173

Ion	Ratio	Lower	Upper
84	100		
49	125.5	84.4	126.6
51	43.4	26.0	39.0#
86	61.5	49.5	74.3

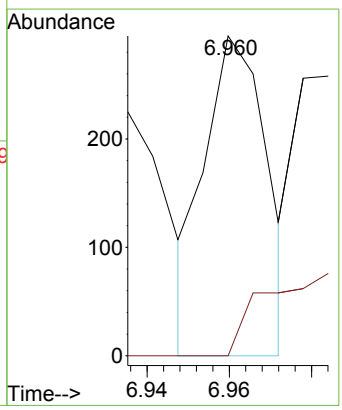


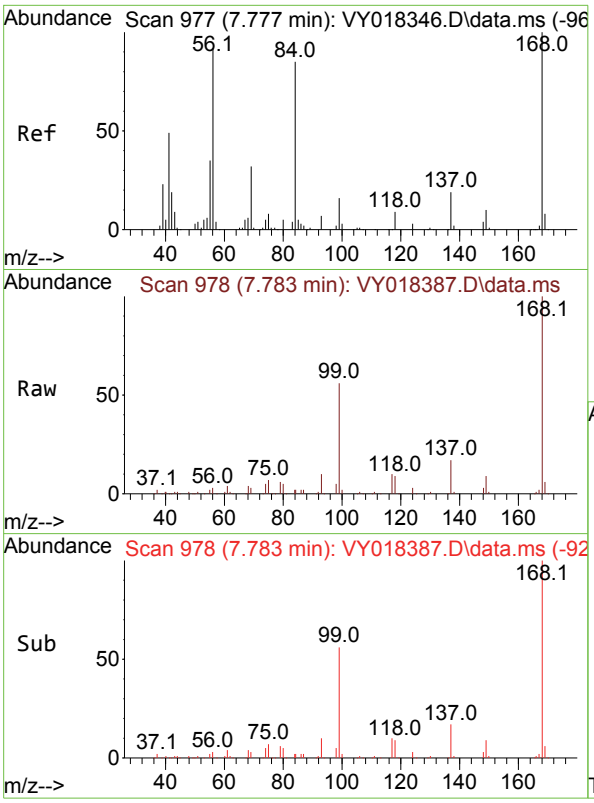


#25
2-Butanone
Concen: 1.129 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 43 Resp: 310

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



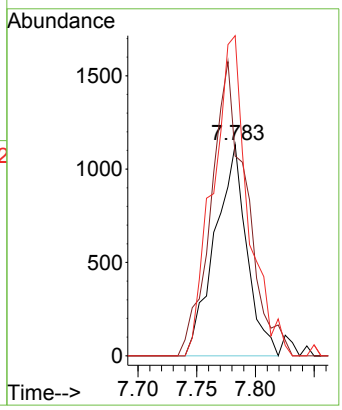


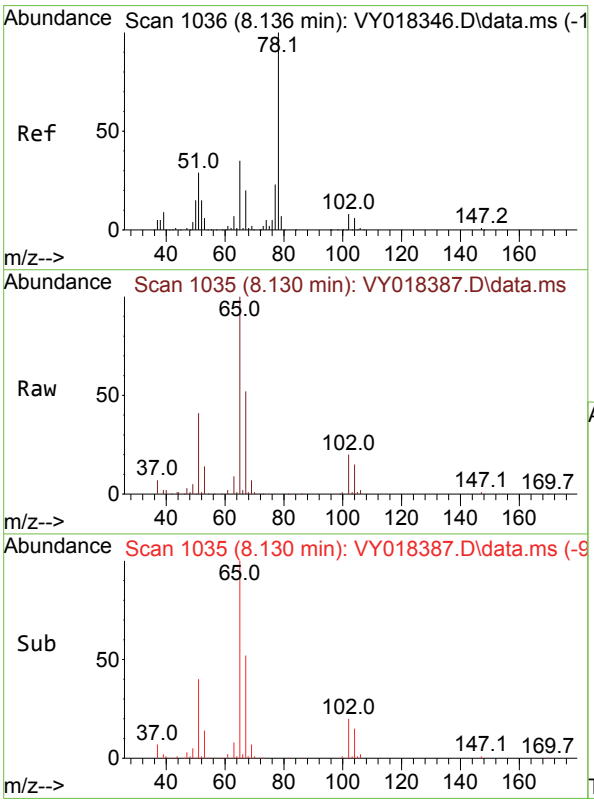
#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 2129

Ion	Ratio	Lower	Upper
56	100		
69	94.6	28.7	43.1#
84	151.6	77.7	116.5#

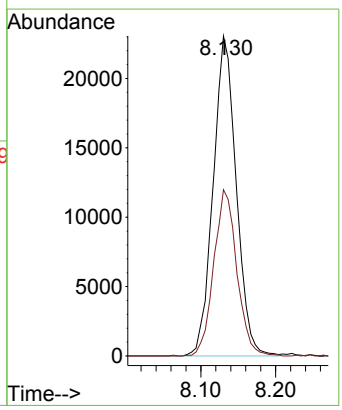


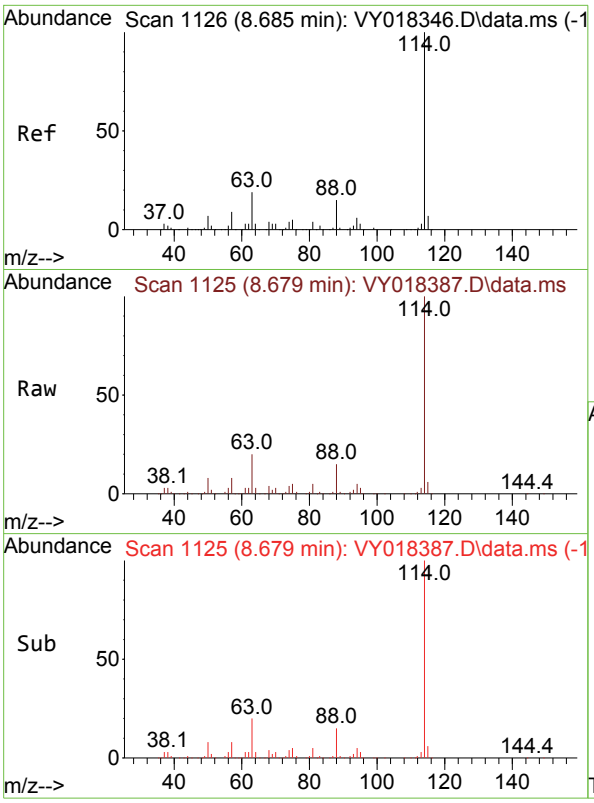


#33
1,2-Dichloroethane-d4
Concen: 58.880 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 65 Resp: 49585

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	109.6



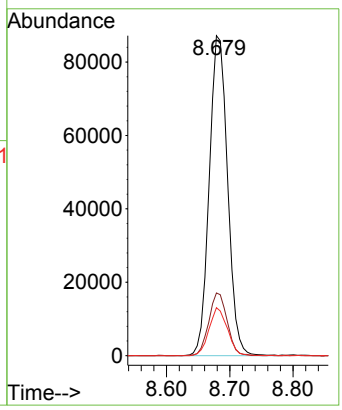


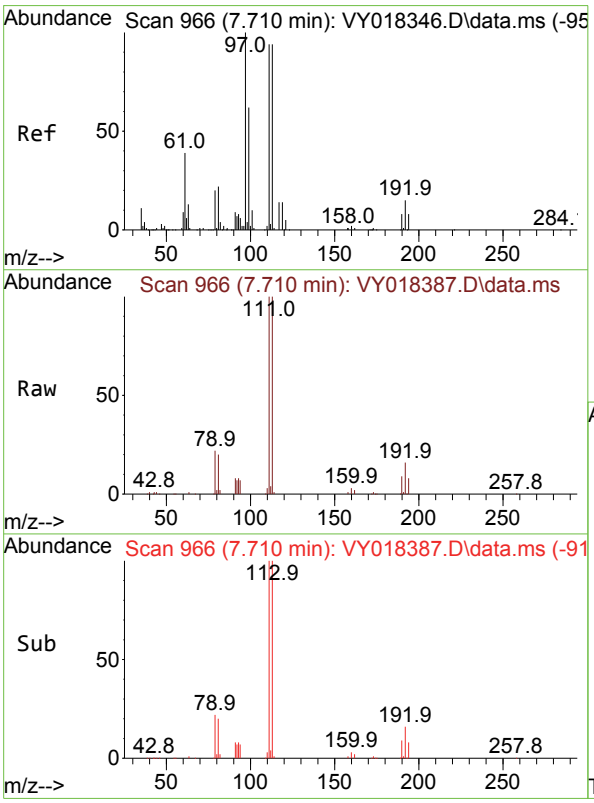
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 175252

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	35.0
88	15.0	0.0	27.2

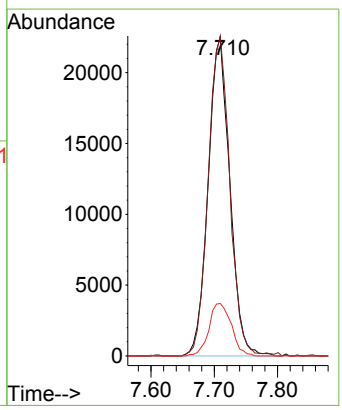


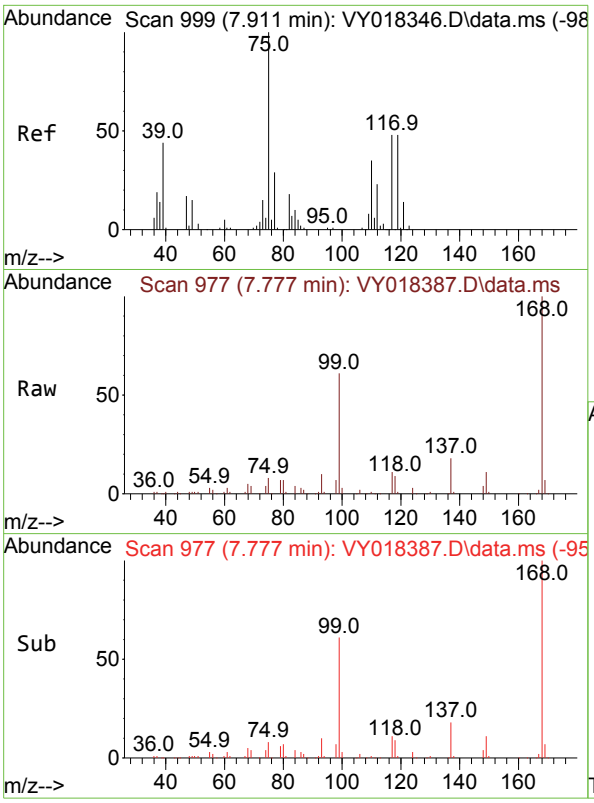


#35
Dibromofluoromethane
Concen: 52.305 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion:113 Resp: 53455

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	17.1	15.9	23.9



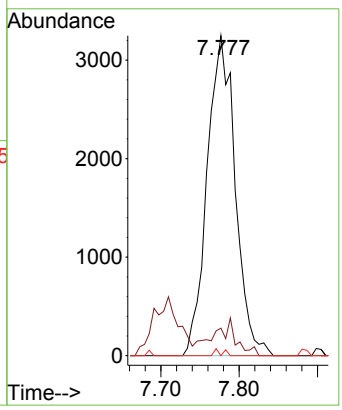


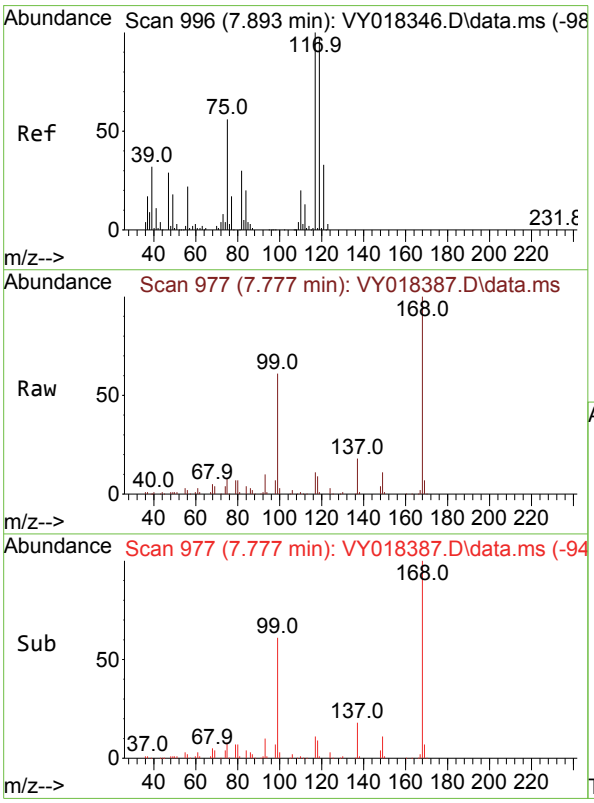
#36
1,1-Dichloropropene
Concen: 5.463 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8097

Ion	Ratio	Lower	Upper
75	100		
110	1.6	19.0	57.0#
77	0.6	25.3	37.9#

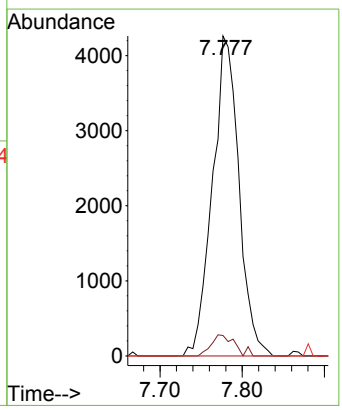


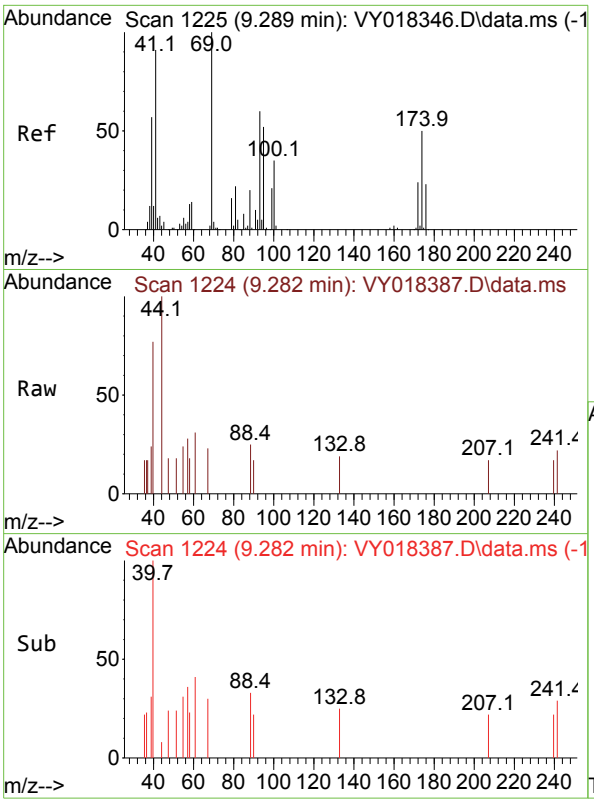


#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion:117 Resp: 9520

Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.8	113.6#
121	0.0	24.0	36.0#



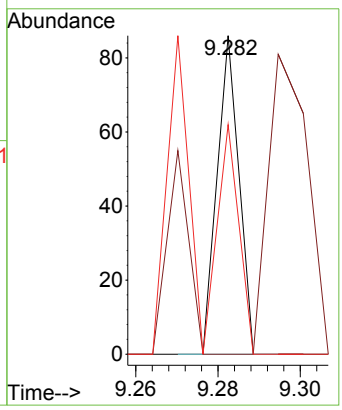


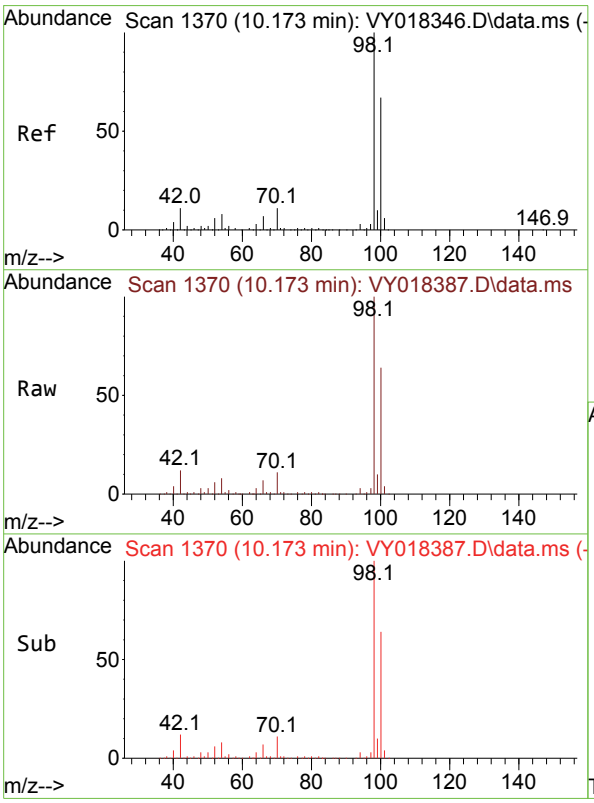
#49
1,4-Dioxane
Concen: 4.007 ug/l
RT: 9.282 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	171.0	0.0	0.0#
58	0.0	49.3	73.9#

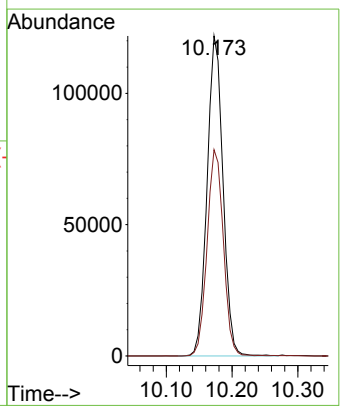


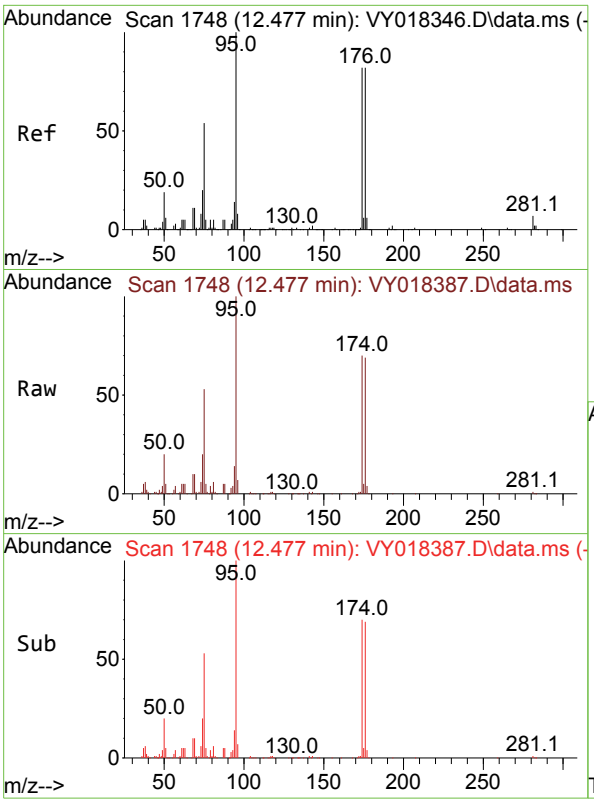


#50
Toluene-d8
Concen: 51.389 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 98 Resp: 204761

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0



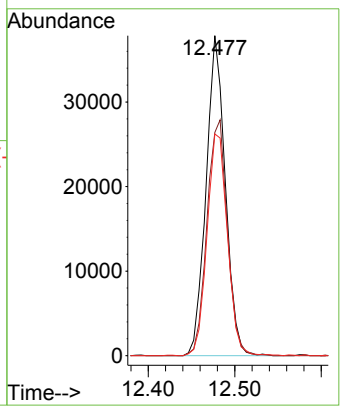


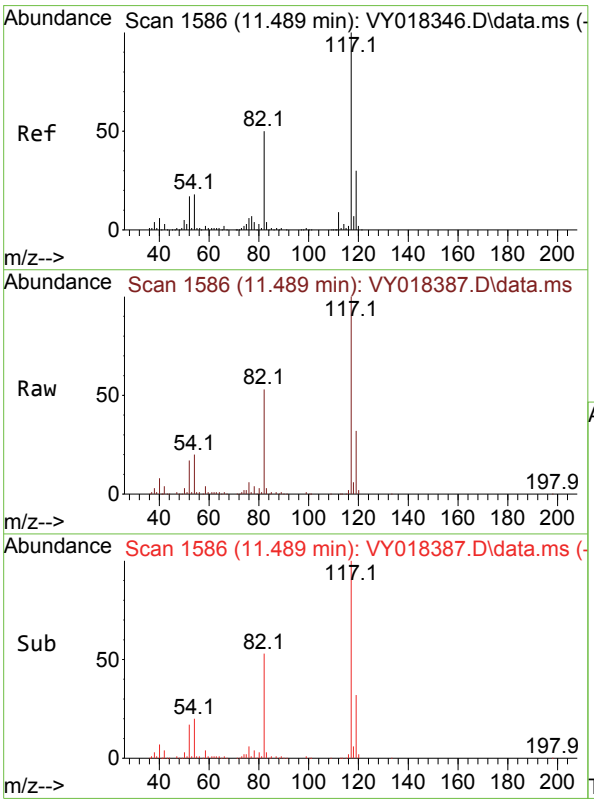
#62
4-Bromofluorobenzene
Concen: 47.454 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 58425

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	175.6
176	73.4	0.0	171.4

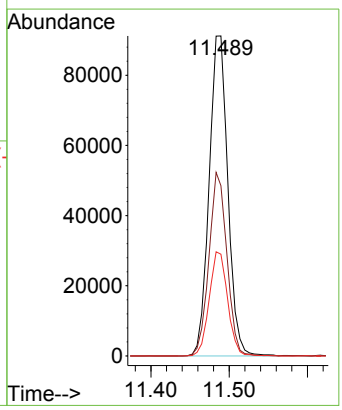


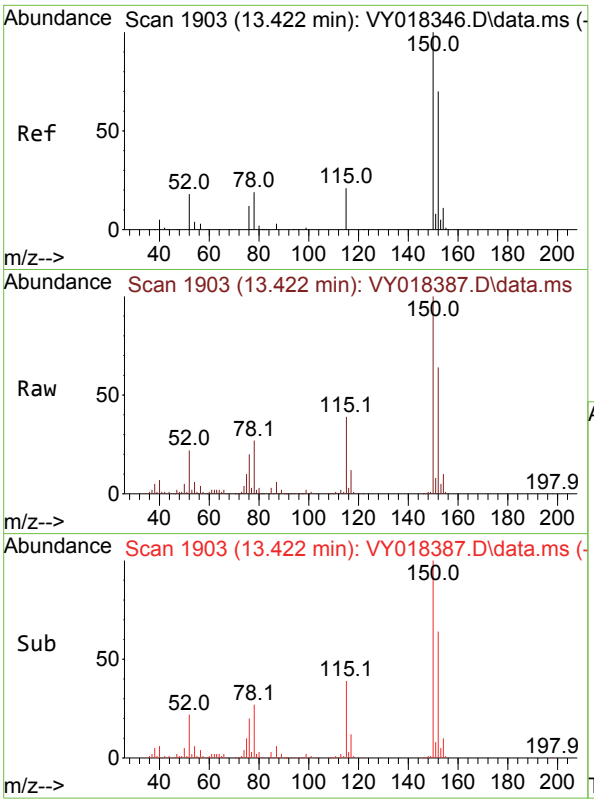


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion:117 Resp: 151288

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.4	63.6
119	31.8	25.9	38.9



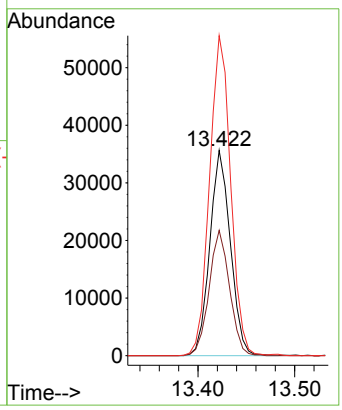


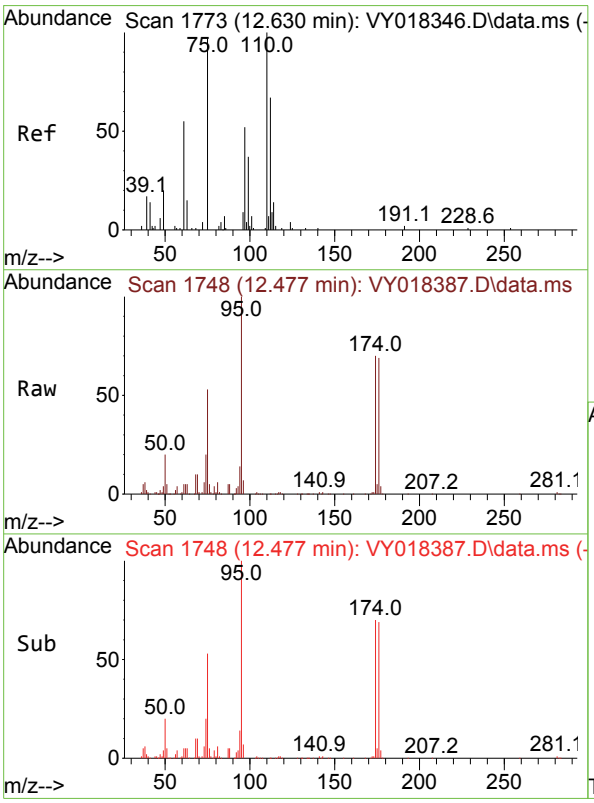
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 52685

Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.2	84.7
150	159.3	0.0	345.6

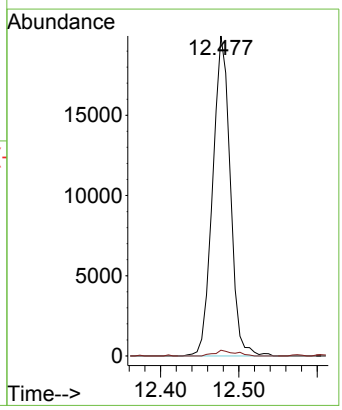


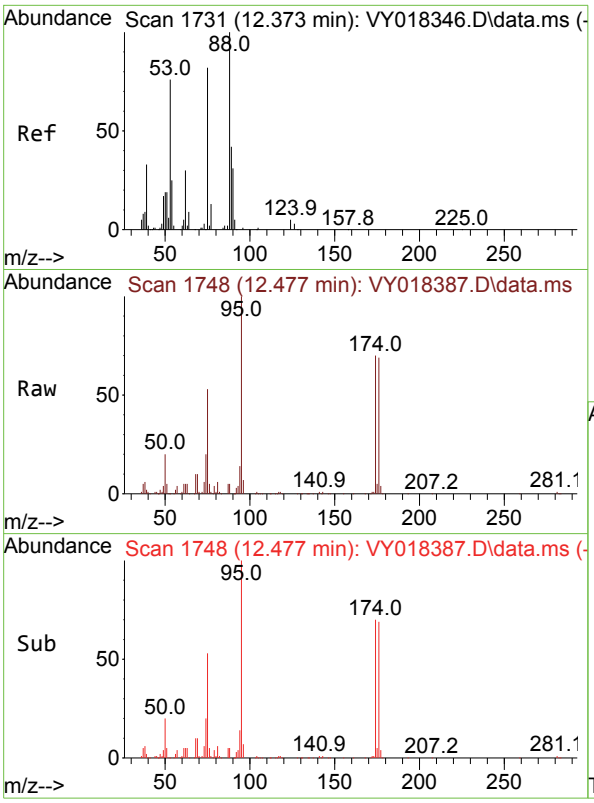


#76
1,2,3-Trichloropropane
Concen: 65.847 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 75 Resp: 31180

Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.480 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31180

Ion	Ratio	Lower	Upper
75	100		
53	0.3	66.8	100.2#
89	0.3	35.8	53.6#