Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
Data File : VY011197.D
Acq On : 31 Oct 2022 15:18
Operator : KP/MD
Sample : N5273-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Quant Time: Nov 01 02:44:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	13399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	21389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8884	64.122	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.240%			
35) Dibromofluoromethane	7.716	113	5898	44.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.680%			
50) Toluene-d8	10.179	98	26408	50.678	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.483	95	6596	38.685	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.360%			
Target Compounds						Qvalue
5) Bromomethane	2.668	94	480	3.027	ug/l	89
10) Methyl Iodide	4.107	142	1180	9.006	ug/l #	82
16) Acetone	3.954	43	642	18.939	ug/l #	66
20) Methylene Chloride	4.704	84	3996	25.211	ug/l #	77

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

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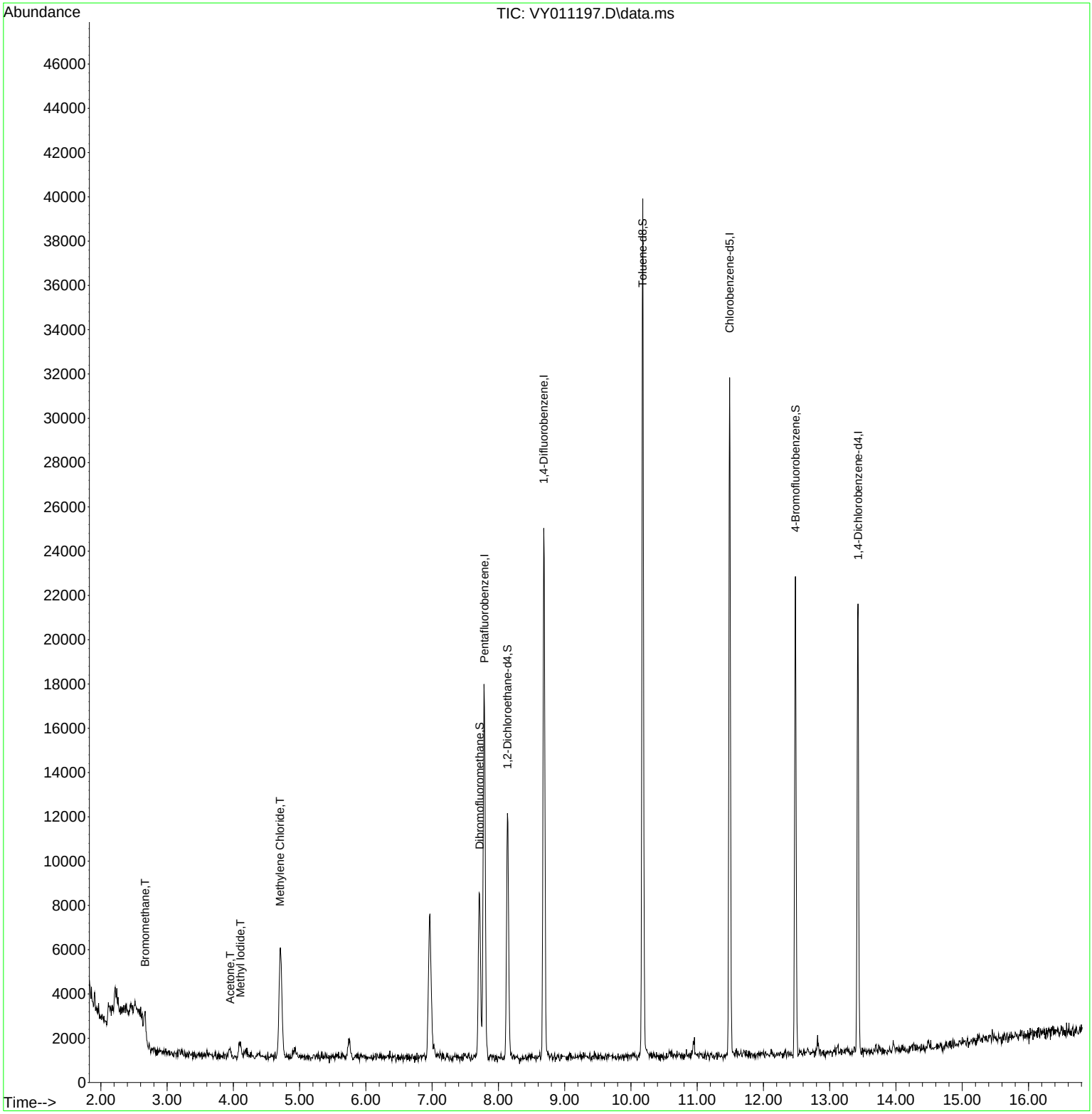
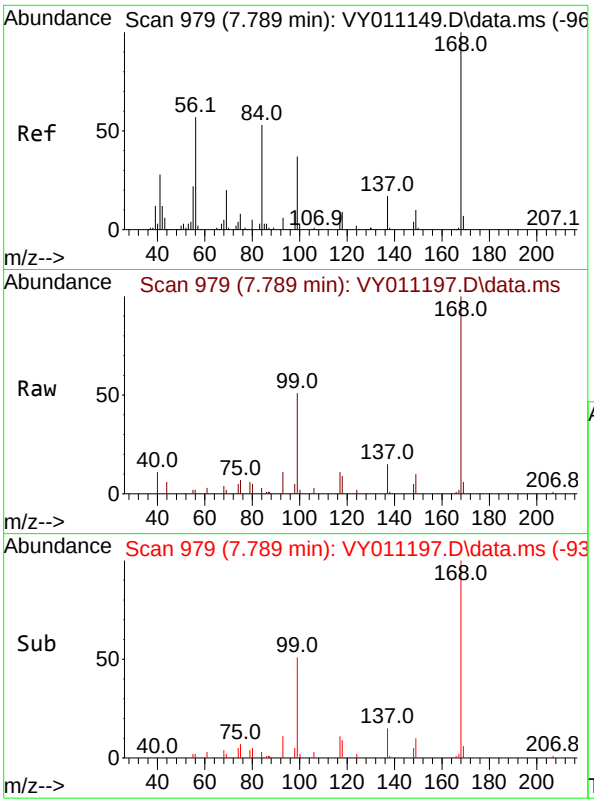


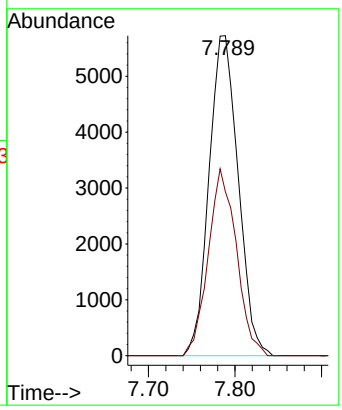


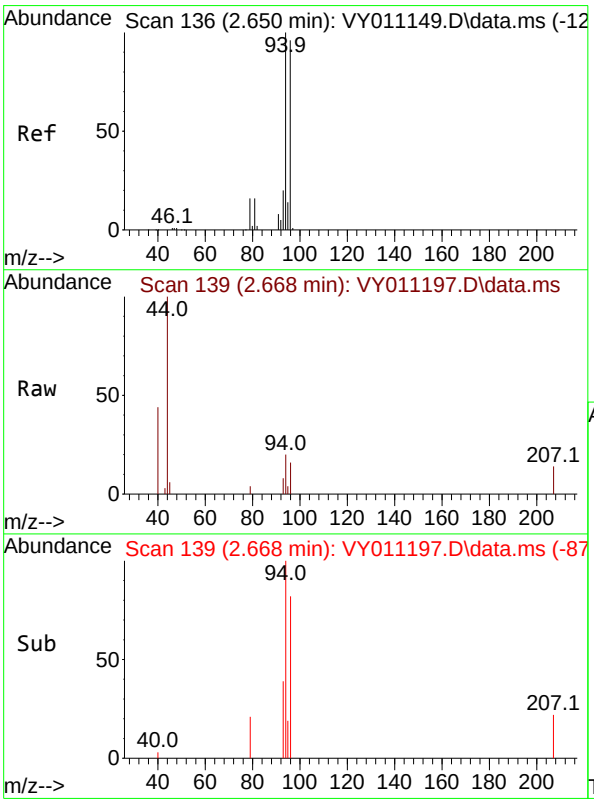
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:168 Resp: 13399

Ion	Ratio	Lower	Upper
168	100		
99	51.2	46.9	70.3

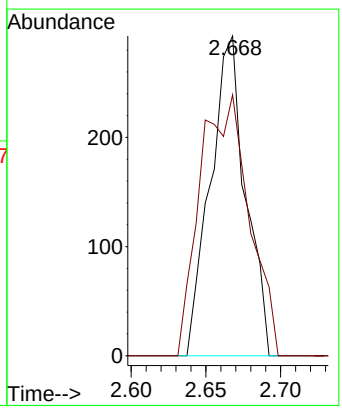


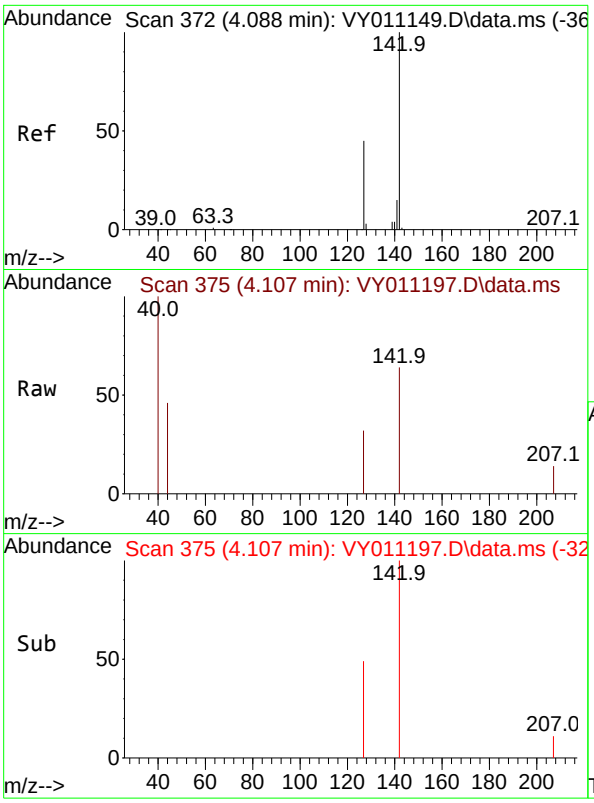


#5
Bromomethane
Concen: 3.027 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Tgt Ion: 94 Resp: 480

Ion	Ratio	Lower	Upper
94	100		
96	81.6	73.5	110.3



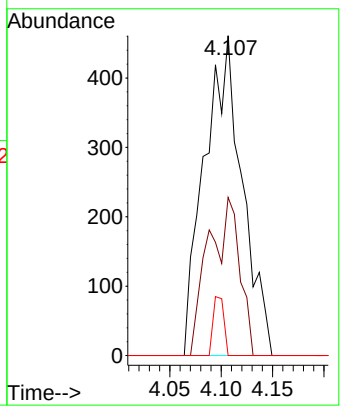


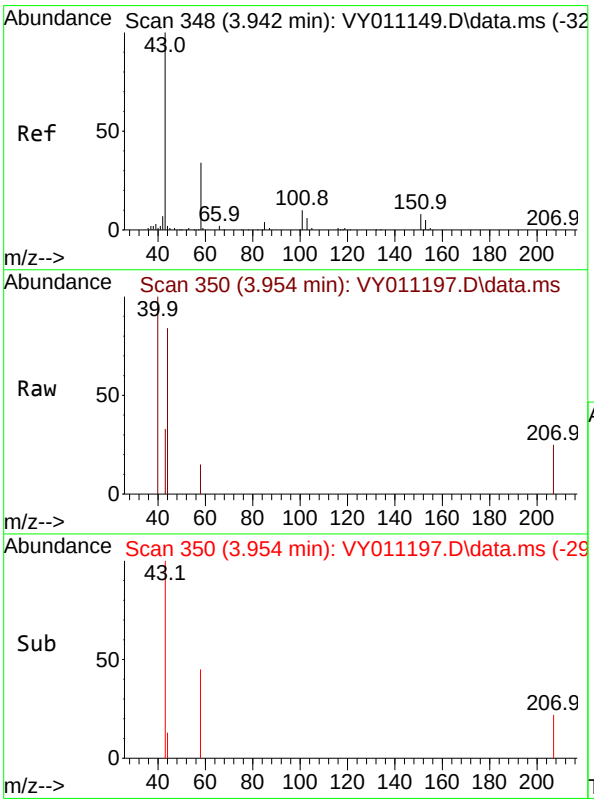
#10
Methyl Iodide
Concen: 9.006 ug/l
RT: 4.107 min Scan# 3
Delta R.T. 0.019 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:142 Resp: 1180

Ion	Ratio	Lower	Upper
142	100		
127	40.6	41.5	62.3#
141	5.2	11.9	17.9#

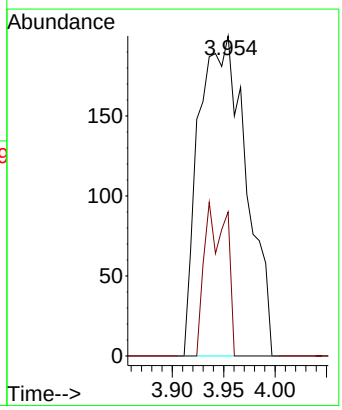


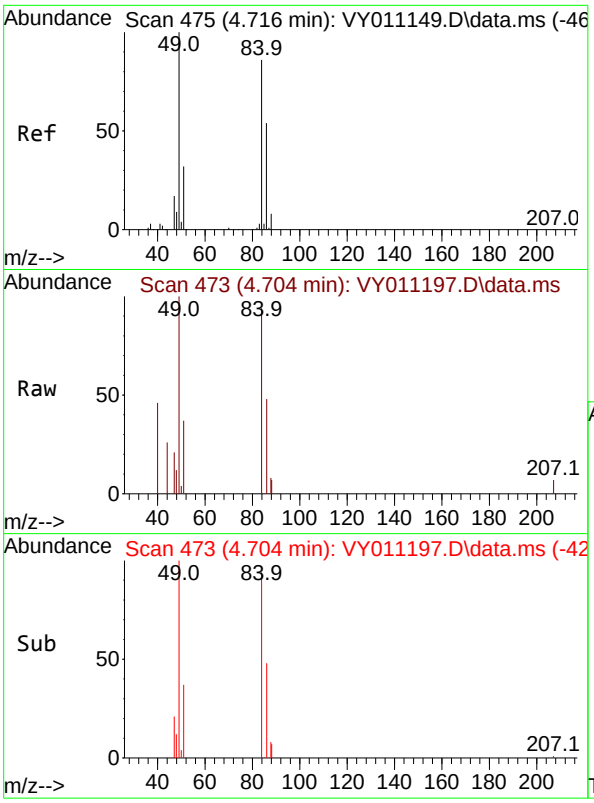


#16
Acetone
Concen: 18.939 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Tgt Ion: 43 Resp: 642

Ion	Ratio	Lower	Upper
43	100		
58	45.0	22.0	33.0#



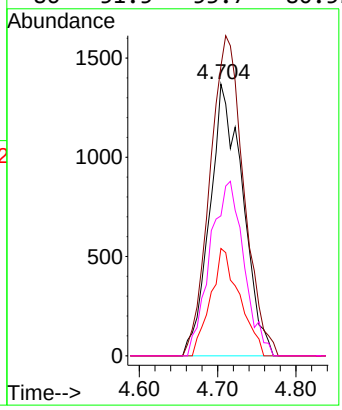


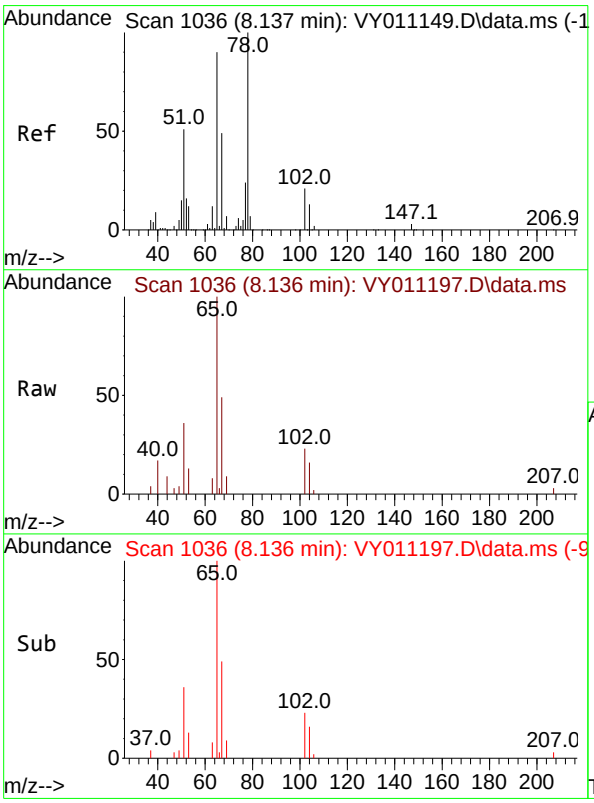
#20
Methylene Chloride
Concen: 25.211 ug/l
RT: 4.704 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 84 Resp: 3996

Ion	Ratio	Lower	Upper
84	100		
49	106.6	114.4	171.6#
51	39.5	35.3	52.9
86	51.5	53.7	80.5#

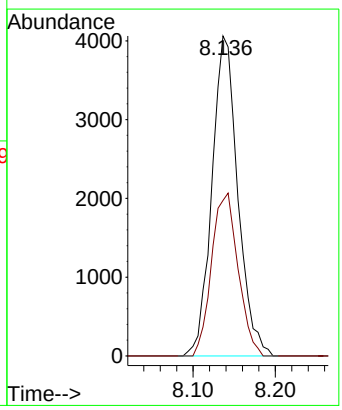


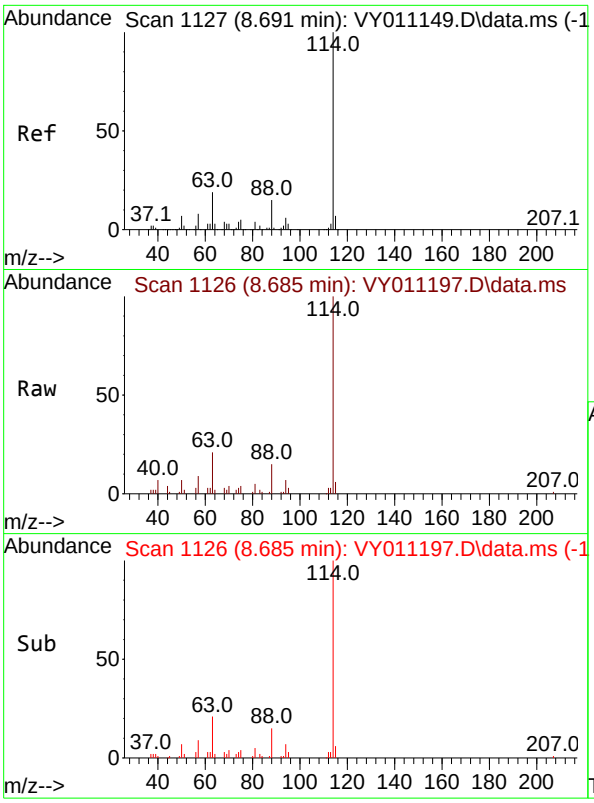


#33
1,2-Dichloroethane-d4
Concen: 64.122 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Tgt Ion: 65 Resp: 8884

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	99.4



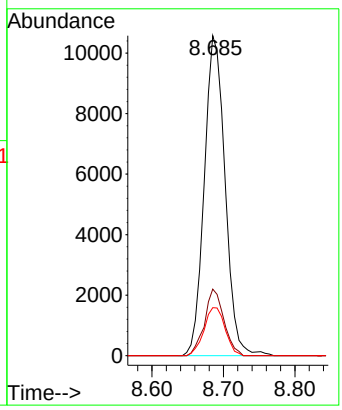


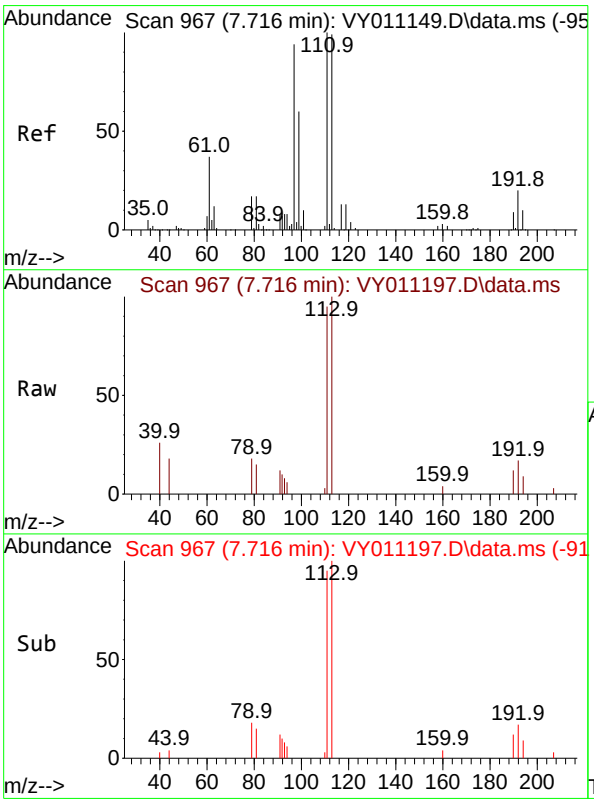
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:114 Resp: 21389

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.0	0.0	31.8

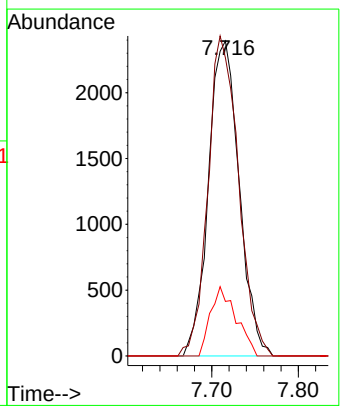


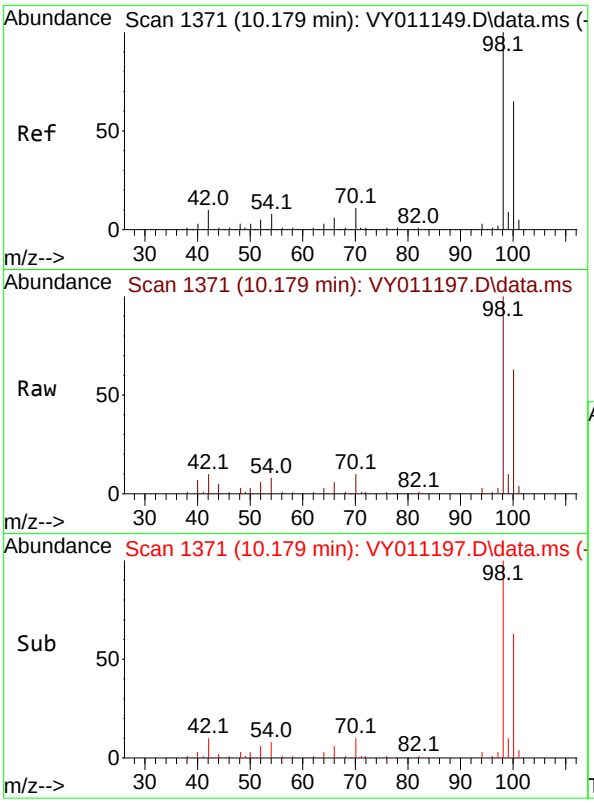


#35
Dibromofluoromethane
Concen: 44.840 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Tgt Ion:113 Resp: 5898

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.6	124.0
192	18.3	17.6	26.4



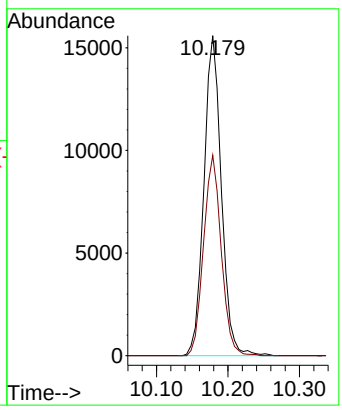


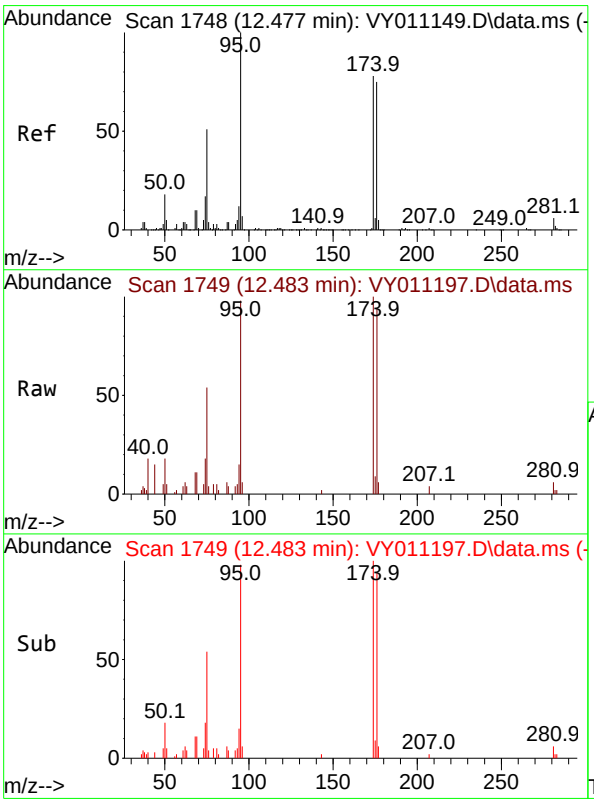
#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 98 Resp: 26408

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.2	75.2

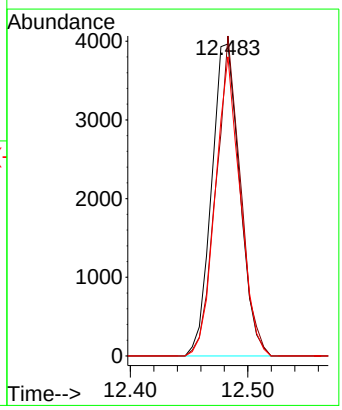


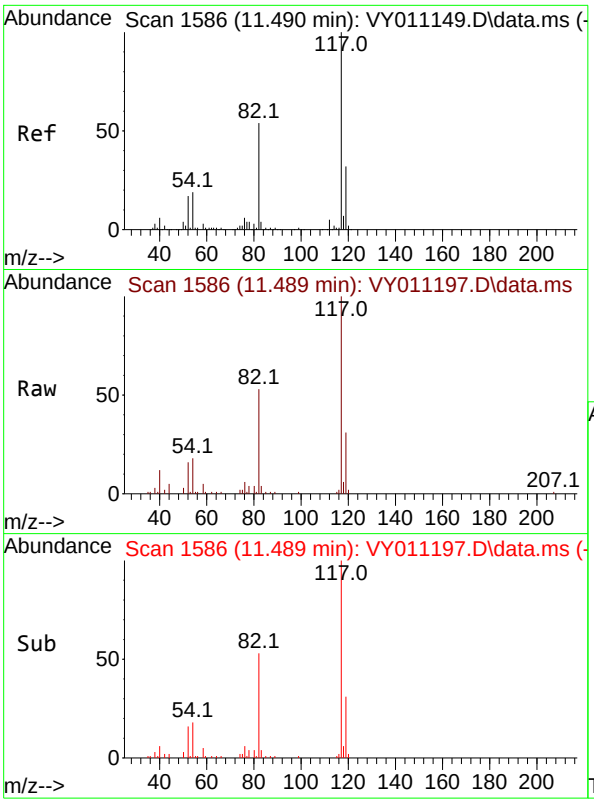


#62
4-Bromofluorobenzene
Concen: 38.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Tgt Ion: 95 Resp: 6596

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	177.0
176	85.1	0.0	175.8



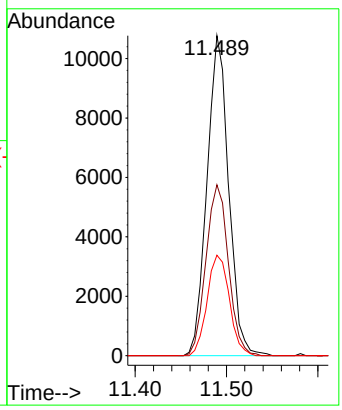


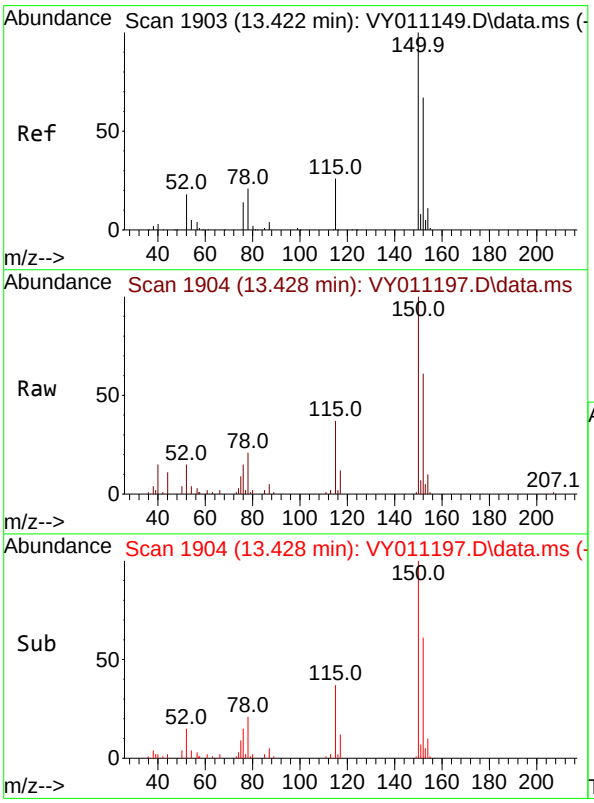
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:117 Resp: 17704

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.4	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011197.D
Acq: 31 Oct 2022 15:18

Tgt Ion:152 Resp: 5569

Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.2	84.7
150	164.8	0.0	347.6