Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011166.D
Acq On : 28 Oct 2022 18:49
Operator : KP/MD
Sample : N5373-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Quant Time: Oct 28 23:47:14 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	3288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2674	78.651	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.300%			
35) Dibromofluoromethane	7.716	113	1190	36.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 72.540%			
50) Toluene-d8	10.179	98	7664	58.965	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.920%			
62) 4-Bromofluorobenzene	12.483	95	1477	34.729	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.460%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	149	3.351	ug/l #	44
5) Bromomethane	2.674	94	283	13.606	ug/l #	79
10) Methyl Iodide	4.100	142	405	12.596	ug/l #	49
16) Acetone	3.948	43	144	17.311	ug/l #	47
20) Methylene Chloride	4.704	84	1269	34.924	ug/l #	69
36) 1,1-Dichloropropene	7.801	75	227	5.307	ug/l #	42
38) Carbon Tetrachloride	7.795	117	207	4.443	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	763	73.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	763	157.110	ug/l #	7

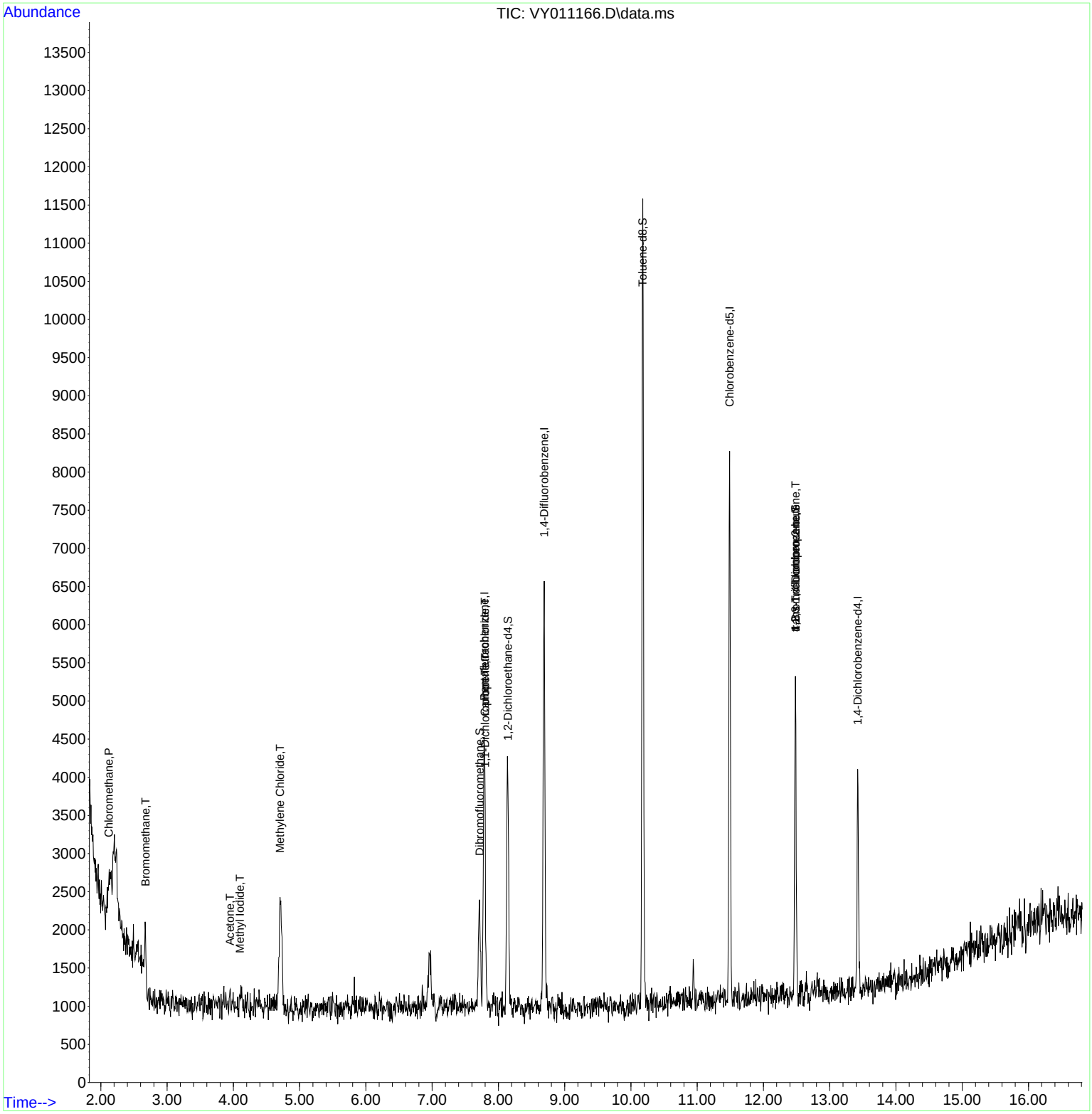
(#) = qualifier out of range (m) = manual integration (+) = signals summed

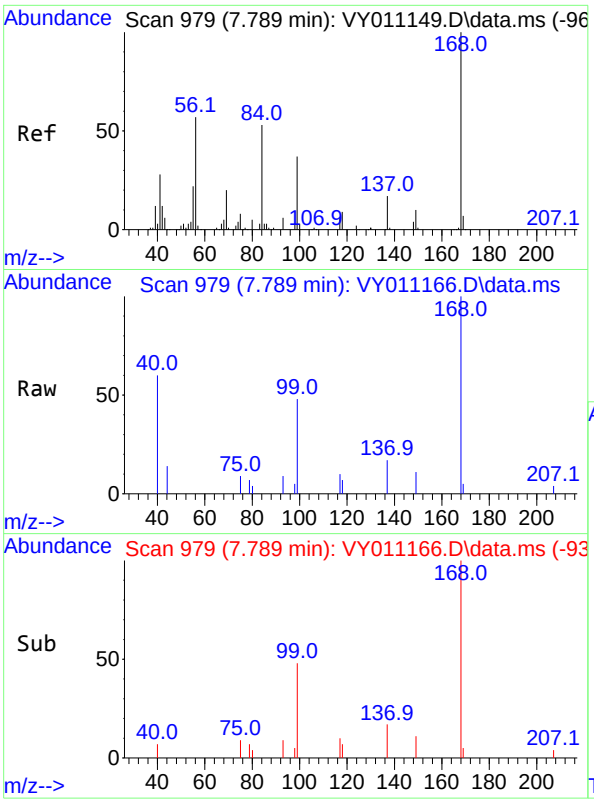
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011166.D
Acq On : 28 Oct 2022 18:49
Operator : KP/MD
Sample : N5373-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Quant Time: Oct 28 23:47:14 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



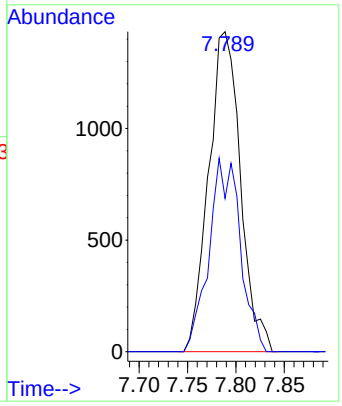


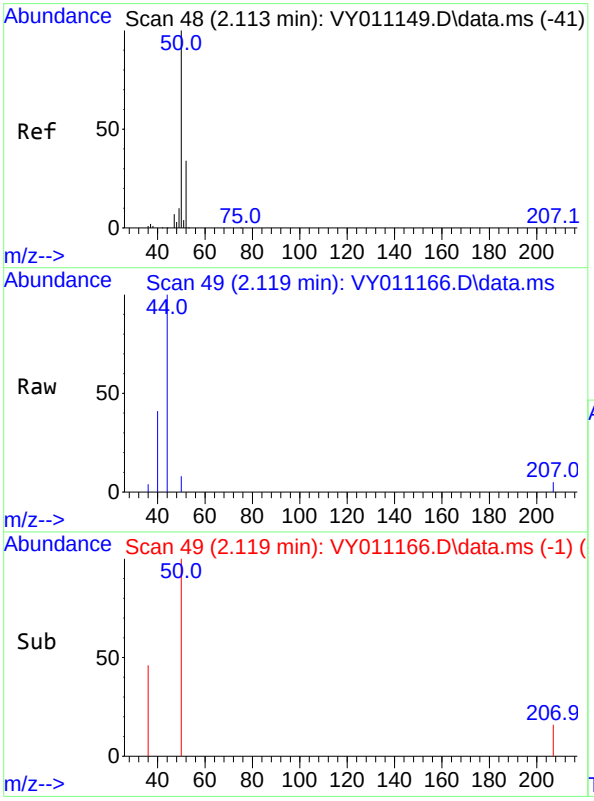
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:168 Resp: 3288

Ion	Ratio	Lower	Upper
168	100		
99	47.9	46.9	70.3

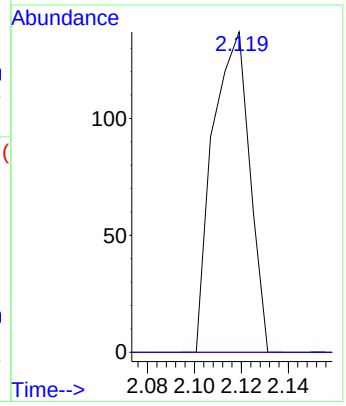


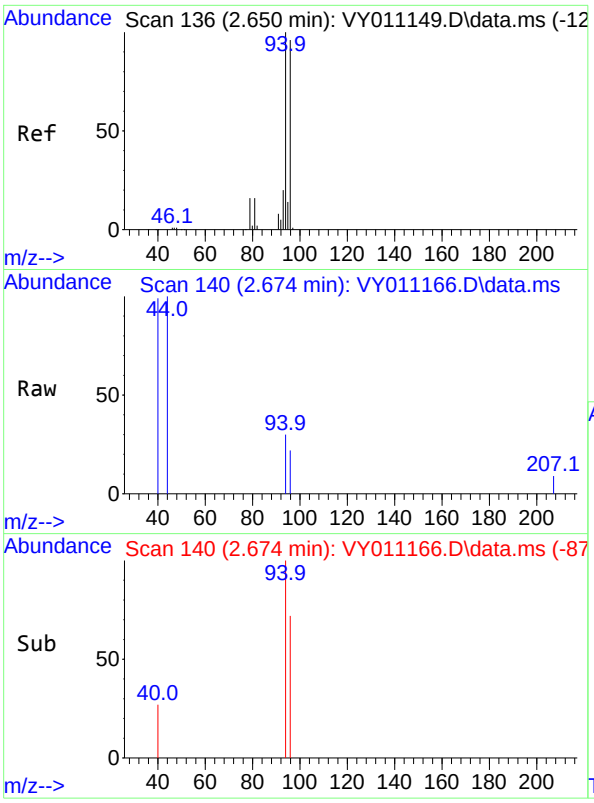


#3
Chloromethane
Concen: 3.351 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion: 50 Resp: 149

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#



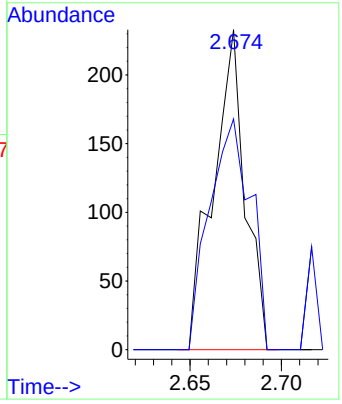


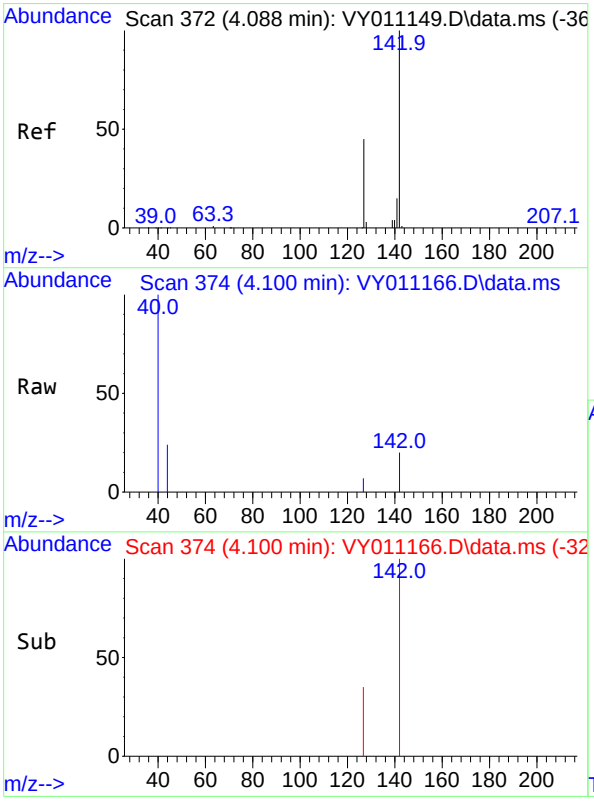
#5
Bromomethane
Concen: 13.606 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 94 Resp: 283

Ion	Ratio	Lower	Upper
94	100		
96	72.1	73.5	110.3#

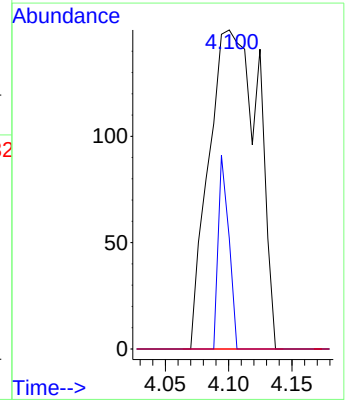


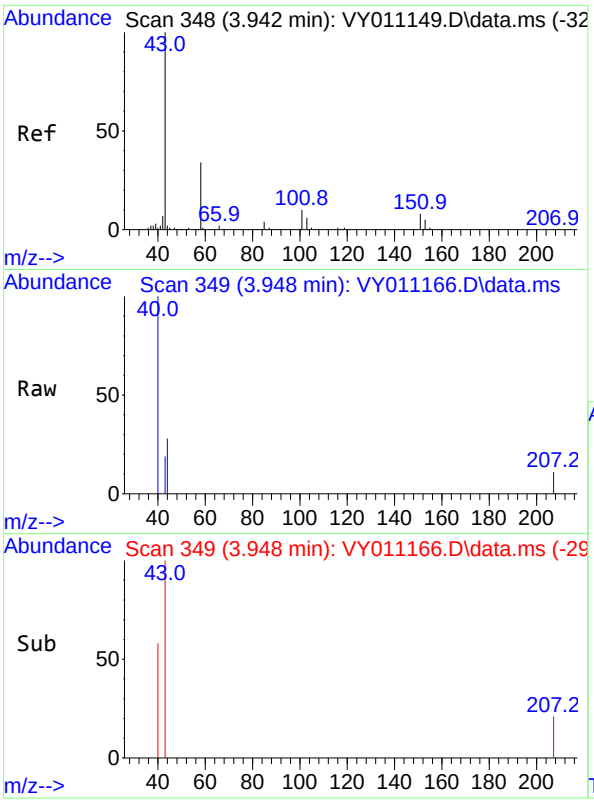


#10
Methyl Iodide
Concen: 12.596 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion:142 Resp: 405

Ion	Ratio	Lower	Upper
142	100		
127	12.8	41.5	62.3#
141	0.0	11.9	17.9#



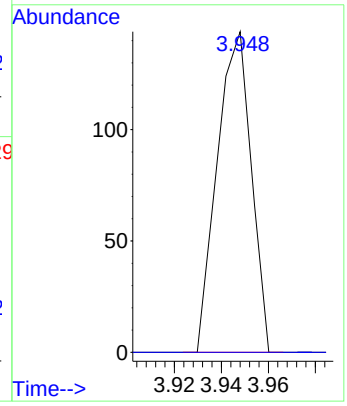


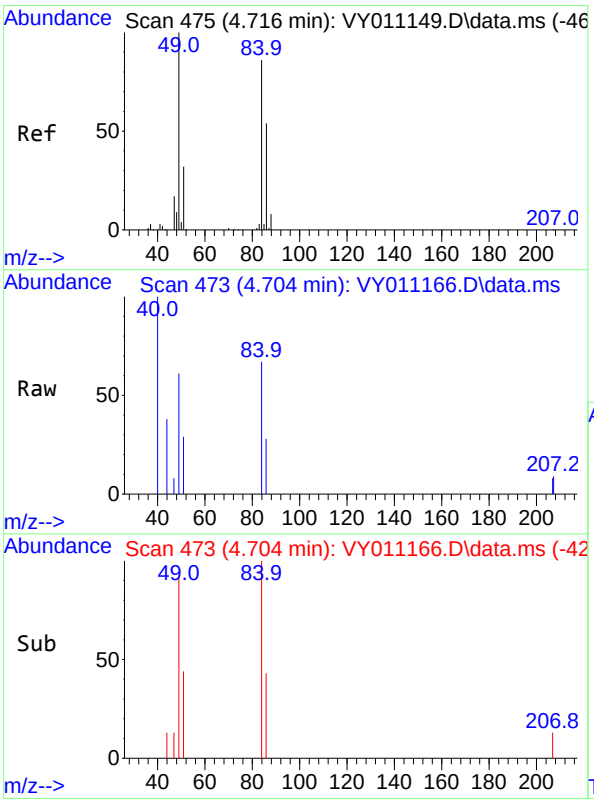
#16
Acetone
Concen: 17.311 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 43 Resp: 144

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

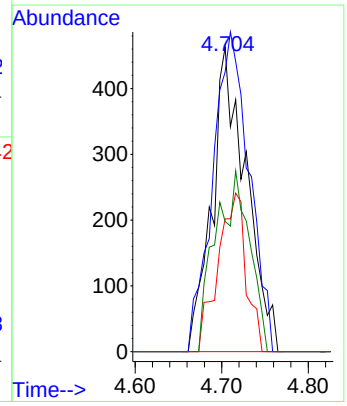


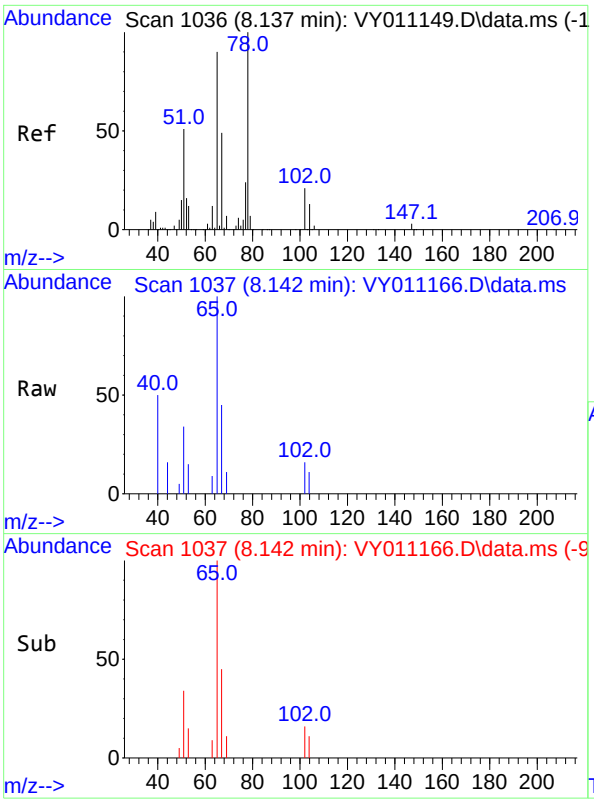


#20
Methylene Chloride
Concen: 34.924 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion: 84 Resp: 1269

Ion	Ratio	Lower	Upper
84	100		
49	91.8	114.4	171.6#
51	43.6	35.3	52.9
86	42.8	53.7	80.5#



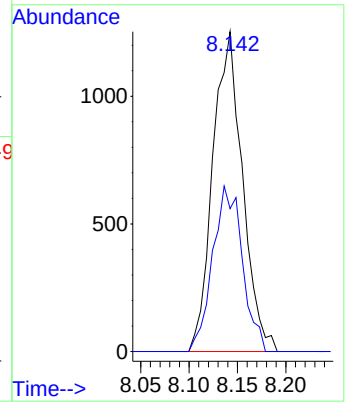


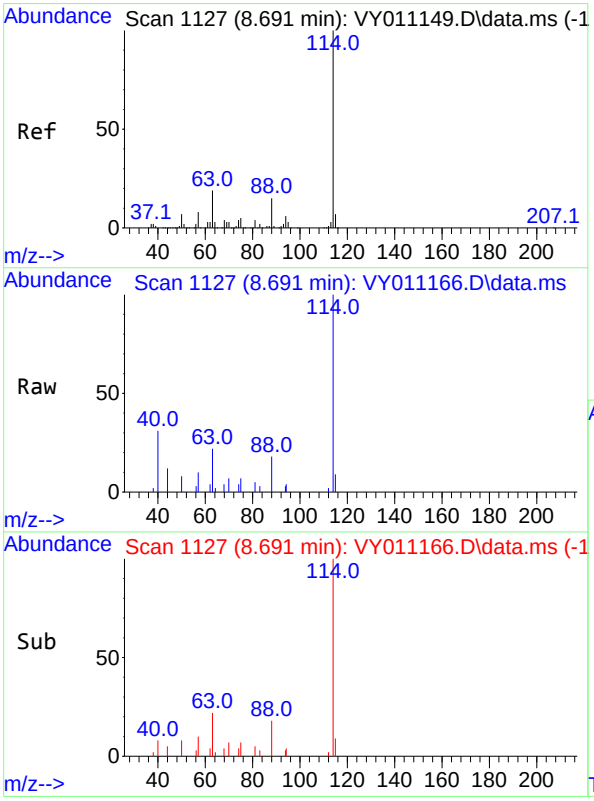
#33
1,2-Dichloroethane-d4
Concen: 78.651 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.005 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 65 Resp: 2674

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	99.4

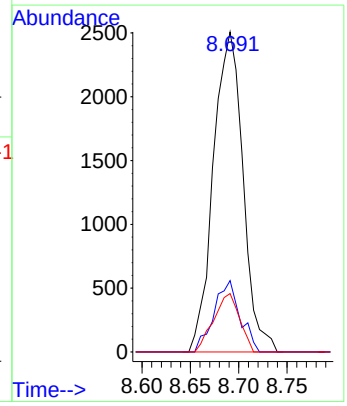


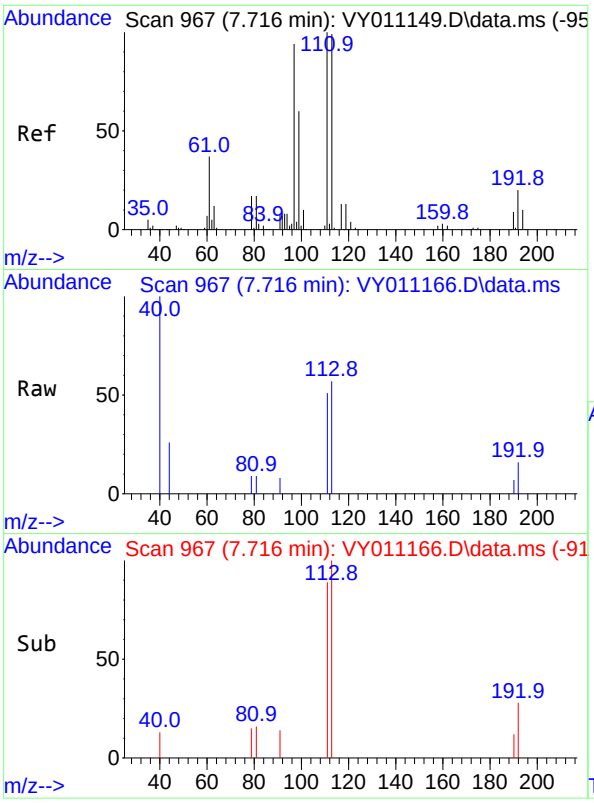


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion:114 Resp: 5335

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	18.3	0.0	31.8



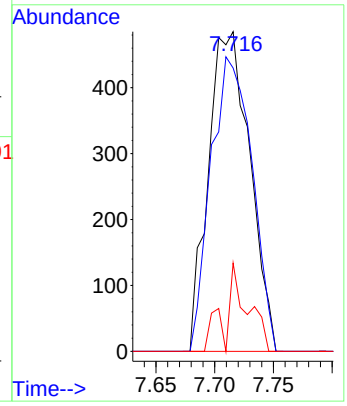


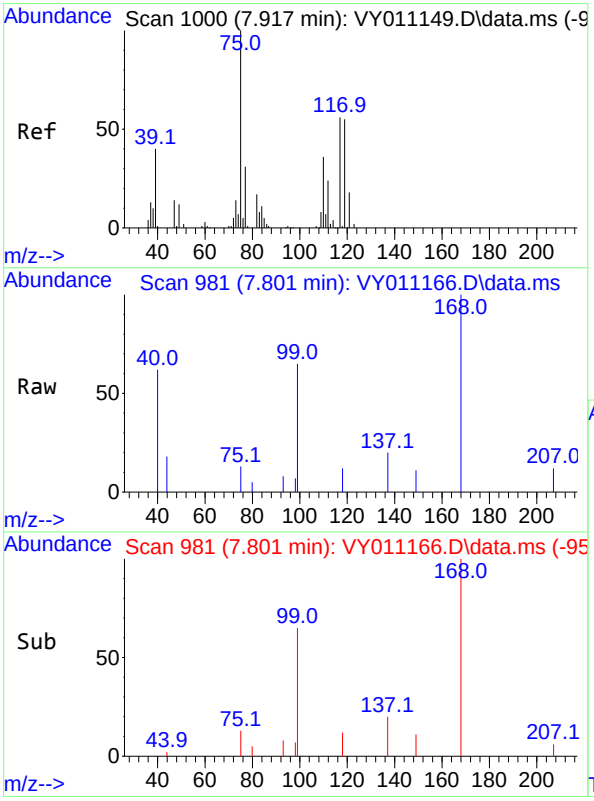
#35
Dibromofluoromethane
Concen: 36.271 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:113 Resp: 1190

Ion	Ratio	Lower	Upper
113	100		
111	91.6	82.6	124.0
192	15.4	17.6	26.4#

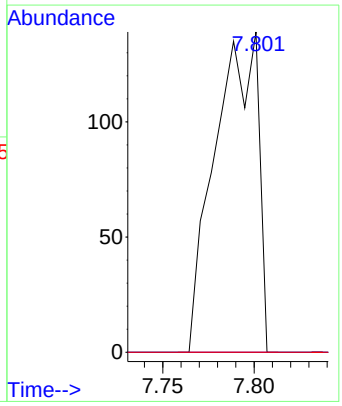


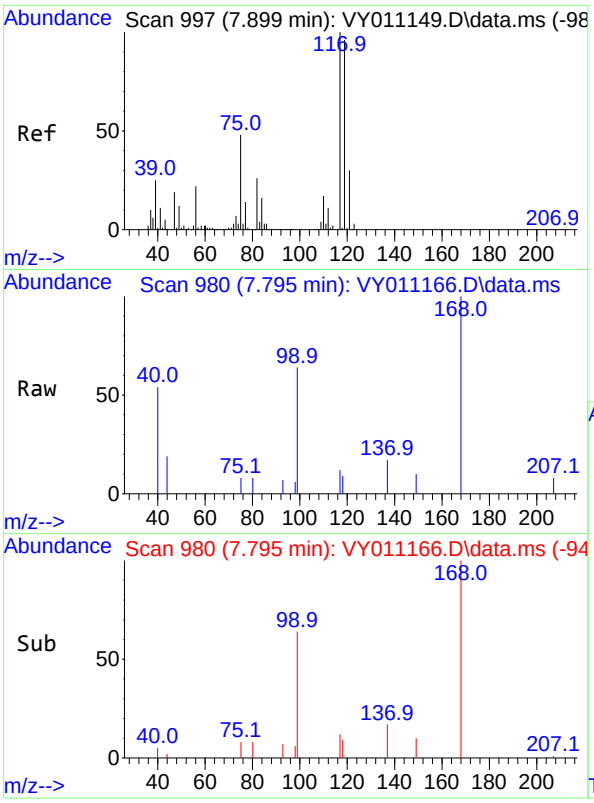


#36
1,1-Dichloropropene
Concen: 5.307 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion: 75 Resp: 227

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



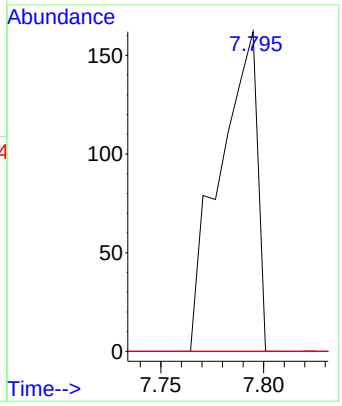


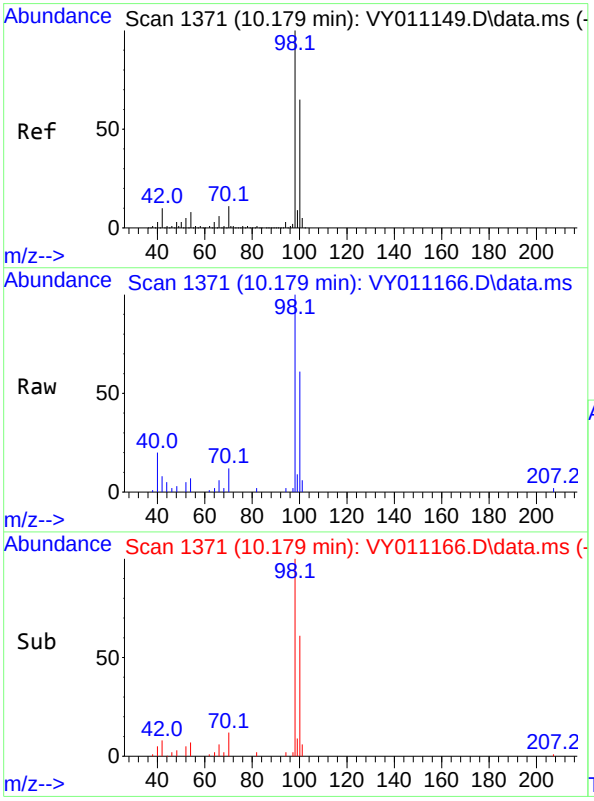
#38
Carbon Tetrachloride
Concen: 4.443 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.104 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:117 Resp: 207

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

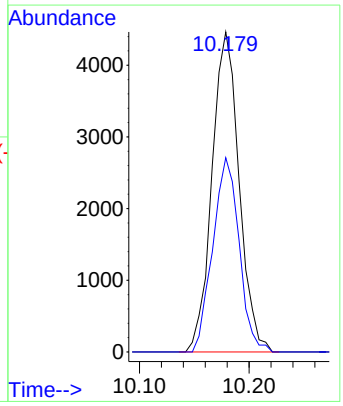


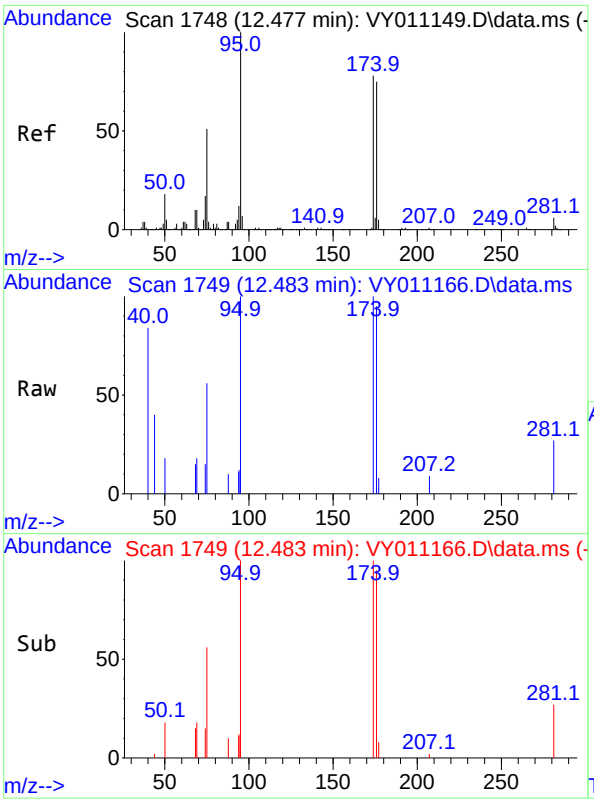


#50
Toluene-d8
Concen: 58.965 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion: 98 Resp: 7664

Ion	Ratio	Lower	Upper
98	100		
100	59.0	50.2	75.2



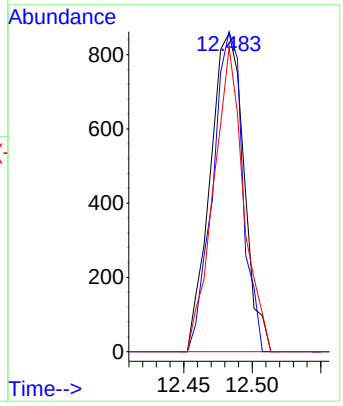


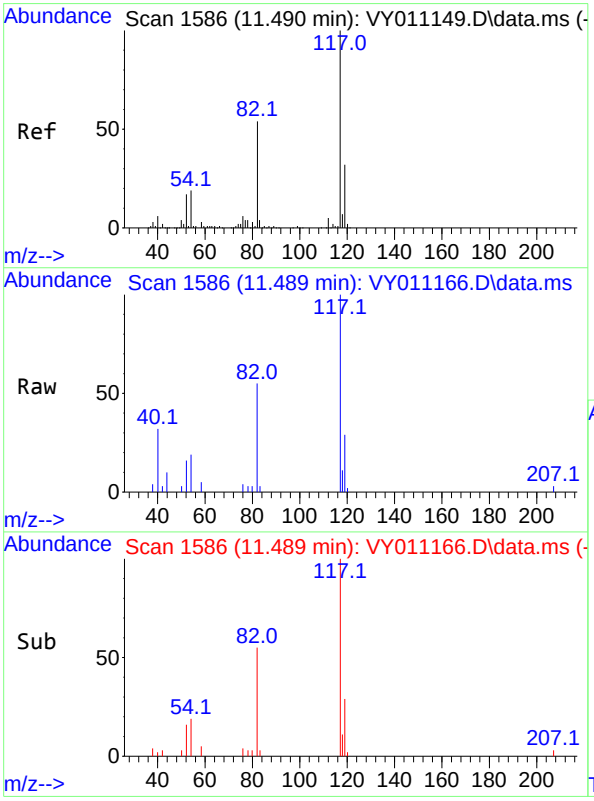
#62
4-Bromofluorobenzene
Concen: 34.729 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 95 Resp: 1477

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	177.0
176	84.8	0.0	175.8

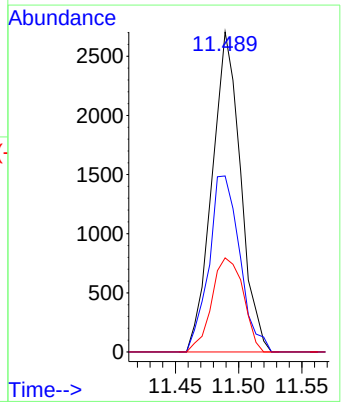


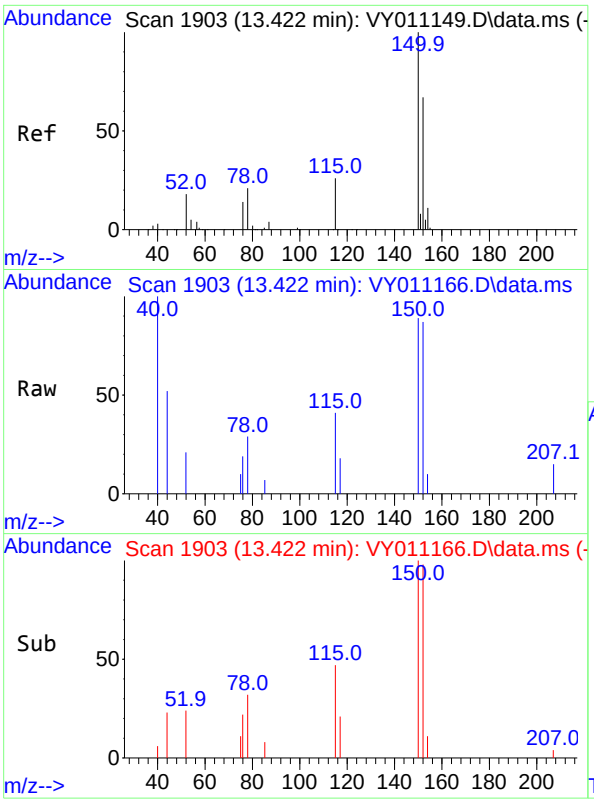


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion:117 Resp: 4244

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	29.4	25.4	38.0



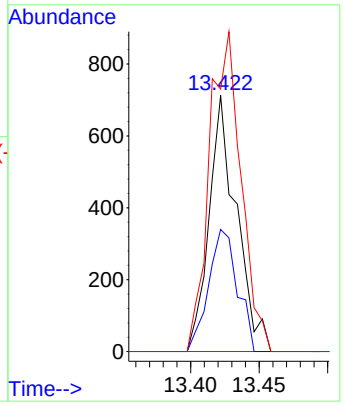


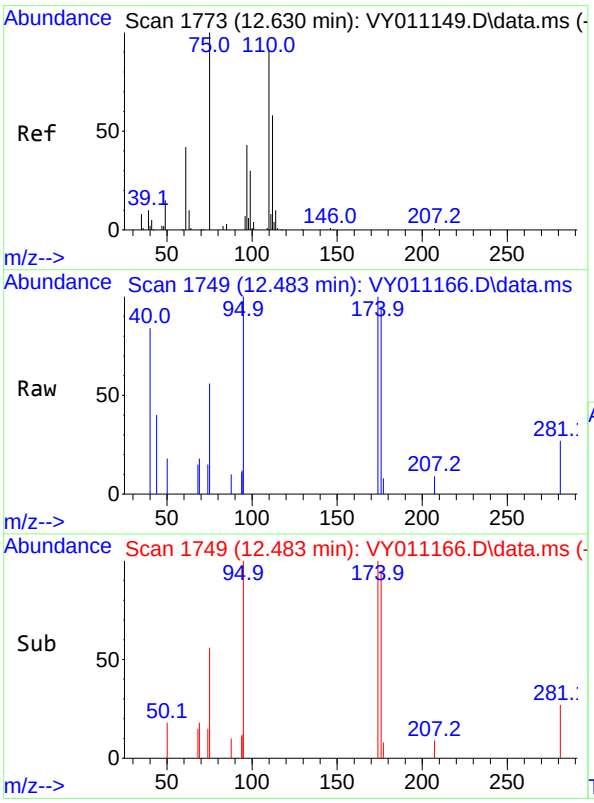
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion:152 Resp: 992

Ion	Ratio	Lower	Upper
152	100		
115	50.2	28.2	84.7
150	144.3	0.0	347.6

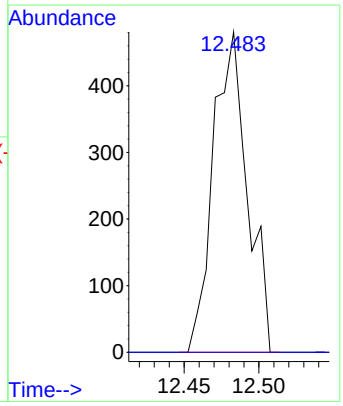


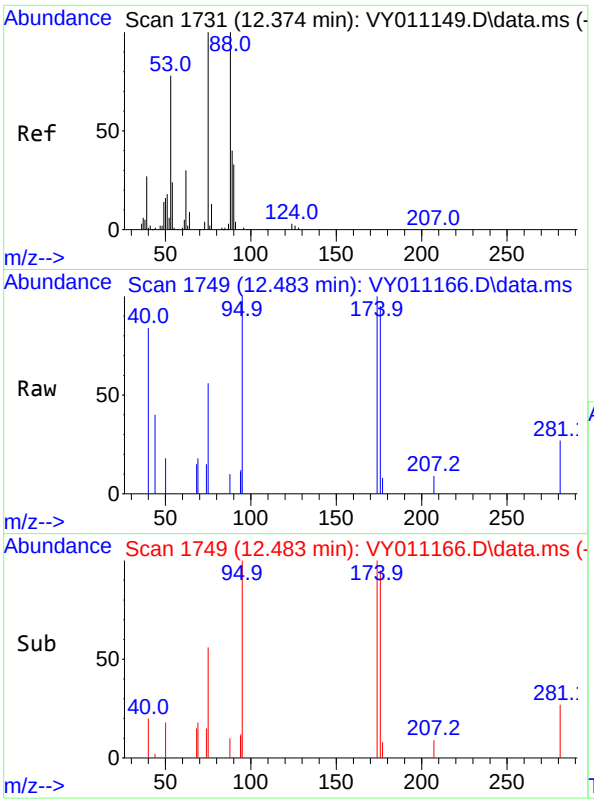


#76
1,2,3-Trichloropropane
Concen: 73.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion: 75 Resp: 763

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 157.110 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.109 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

Tgt Ion: 75 Resp: 763

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