Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079601.D
Acq On : 06 Aug 2024 02:23
Operator : RP/MD
Sample : P3409-06
Misc : 5.98G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 06 05:12:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	179866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	348692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	323897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	105698	57.845	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.680%			
35) Dibromofluoromethane	7.805	113	111695	47.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.660%			
50) Toluene-d8	10.269	98	395288	43.129	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 86.260%			
62) 4-Bromofluorobenzene	12.569	95	105451	39.760	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.520%			
Target Compounds						Qvalue
5) Bromomethane	2.693	94	350	Below Cal	#	80
13) Acrolein	3.846	56	54	Below Cal	#	15
20) Methylene Chloride	4.799	84	30272	Below Cal	#	86
25) 2-Butanone	7.063	43	785	1.559	ug/l #	42
31) Cyclohexane	7.869	56	3730	1.229	ug/l #	40
36) 1,1-Dichloropropene	7.881	75	14237	4.420	ug/l #	42
38) Carbon Tetrachloride	7.875	117	18614	5.497	ug/l #	16
73) Isopropylbenzene	12.563	105	249	3.650	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	53417	44.010	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	53417	83.939	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	297	3.460	ug/l #	60
86) p-Isopropyltoluene	13.551	119	67	3.893	ug/l #	51
89) n-Butylbenzene	13.787	91	187	3.801	ug/l #	34

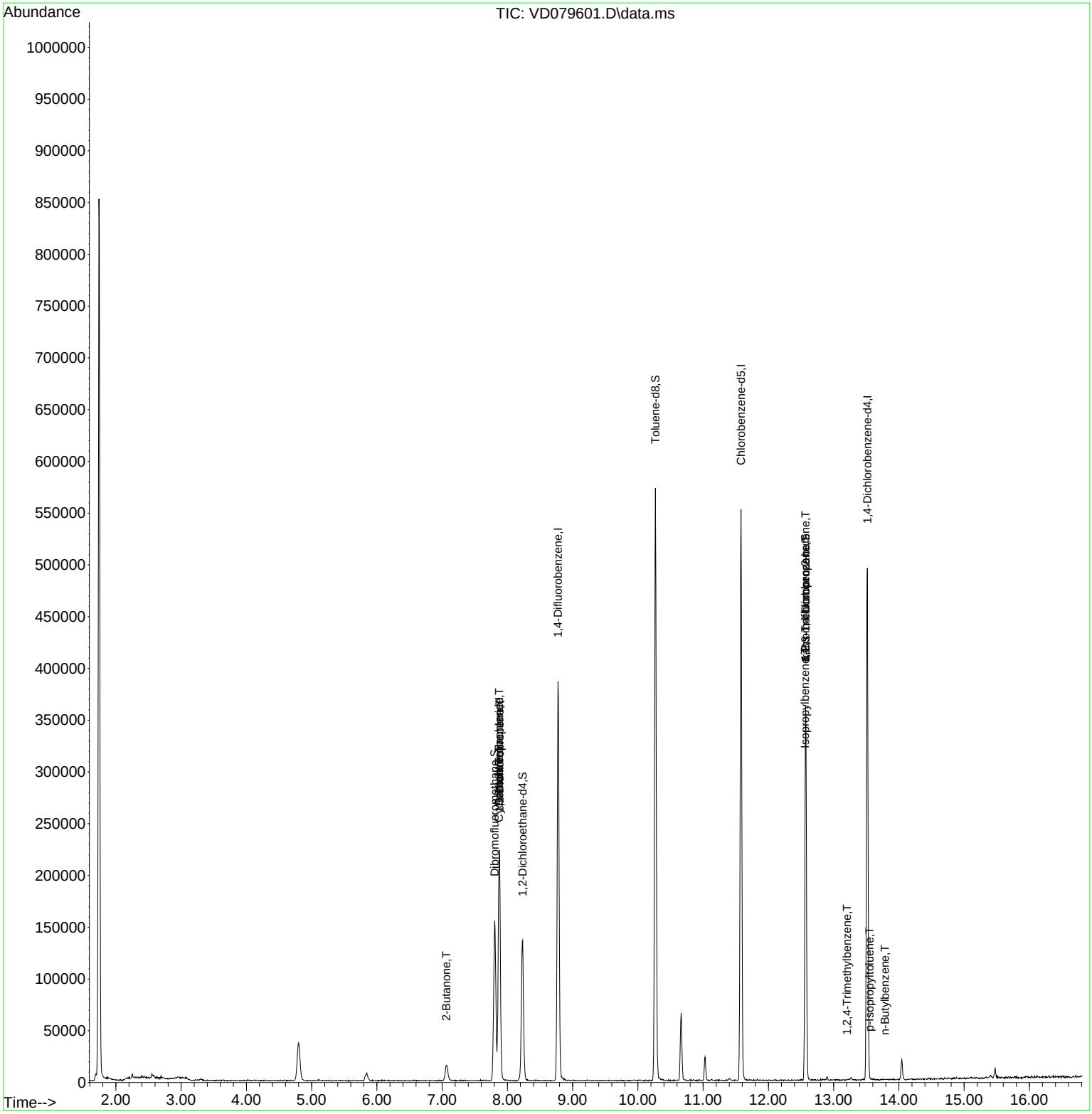
(#) = qualifier out of range (m) = manual integration (+) = signals summed

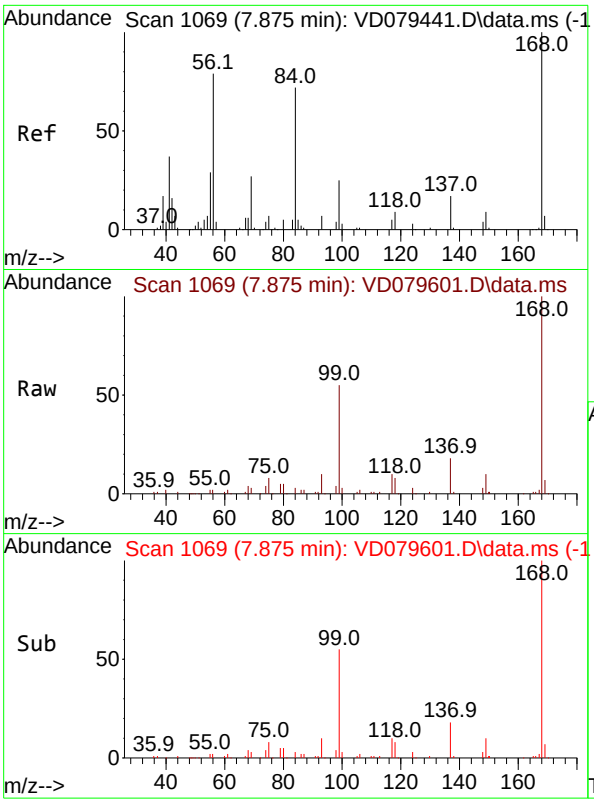
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079601.D
Acq On : 06 Aug 2024 02:23
Operator : RP/MD
Sample : P3409-06
Misc : 5.98G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 06 05:12:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



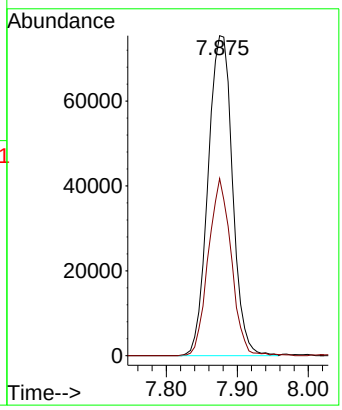


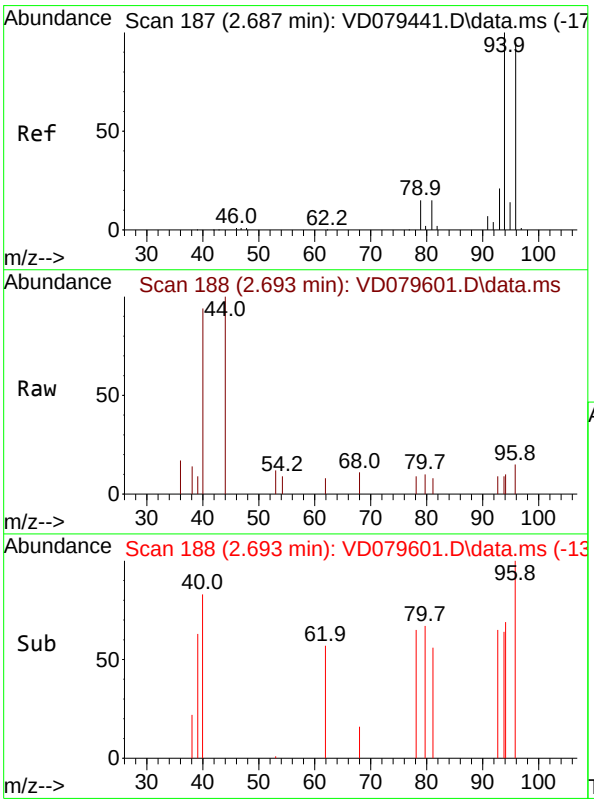
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 179866

Ion	Ratio	Lower	Upper
168	100		
99	55.4	41.1	61.7

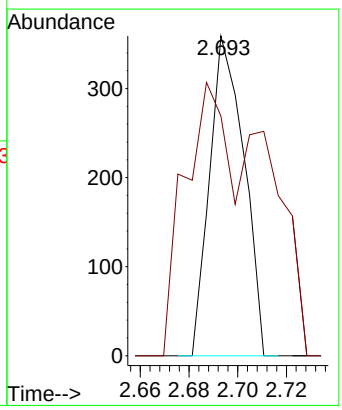


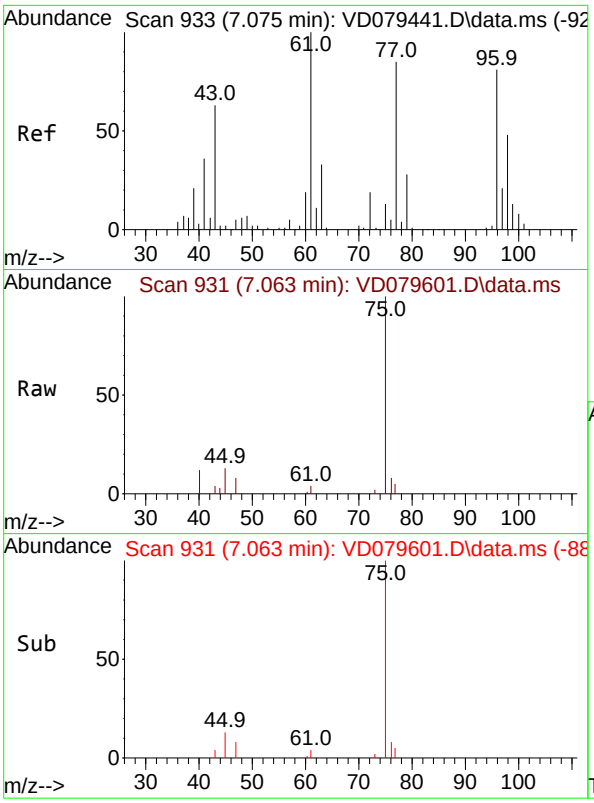


#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 94 Resp: 350

Ion	Ratio	Lower	Upper
94	100		
96	115.7	76.9	115.3#



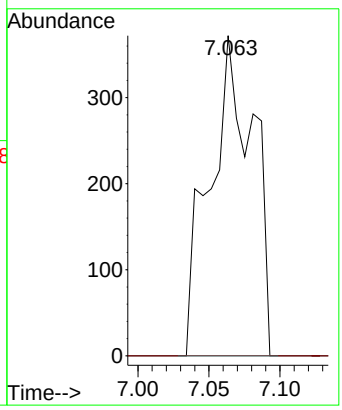


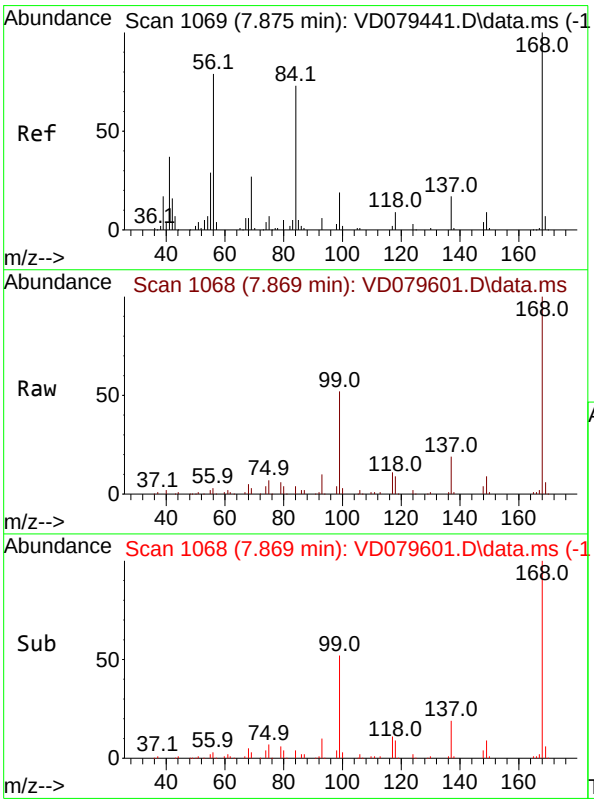
#25
2-Butanone
Concen: 1.559 ug/l
RT: 7.063 min Scan# 9
Delta R.T. -0.029 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 785

Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.4	39.6#

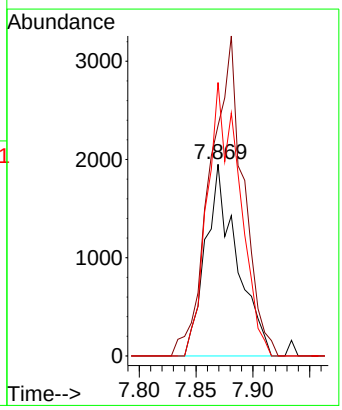


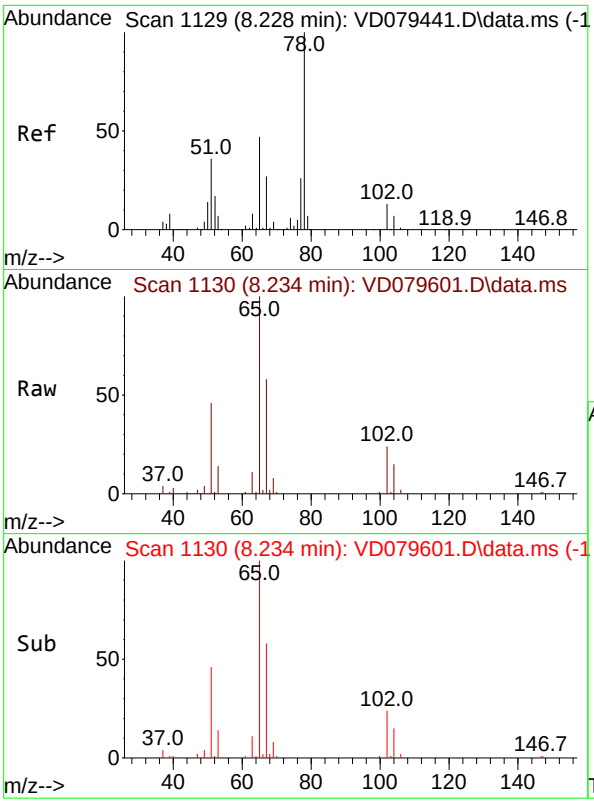


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 56 Resp: 3730

Ion	Ratio	Lower	Upper
56	100		
69	120.2	28.0	42.0#
84	142.6	87.4	131.0#



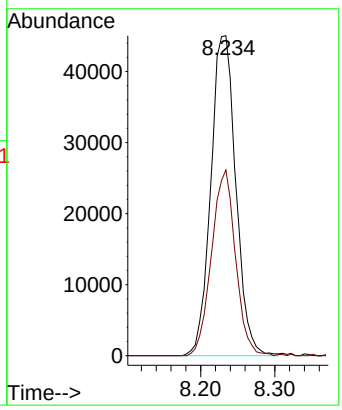


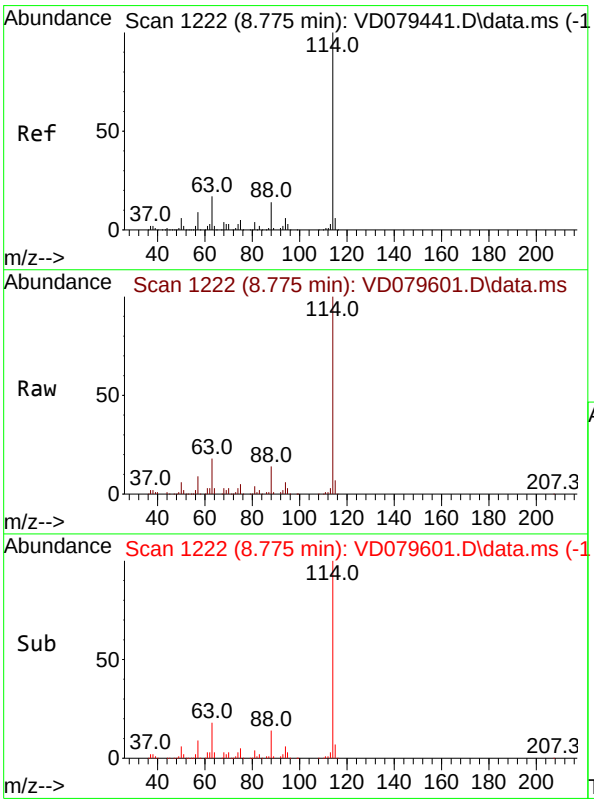
#33
1,2-Dichloroethane-d4
Concen: 57.845 ug/l
RT: 8.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 105698

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	111.0

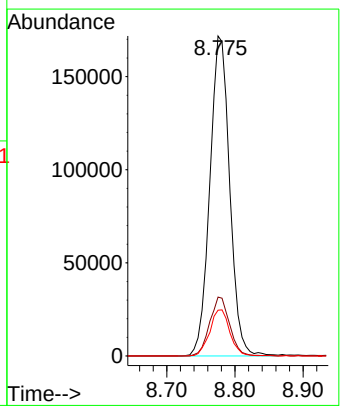


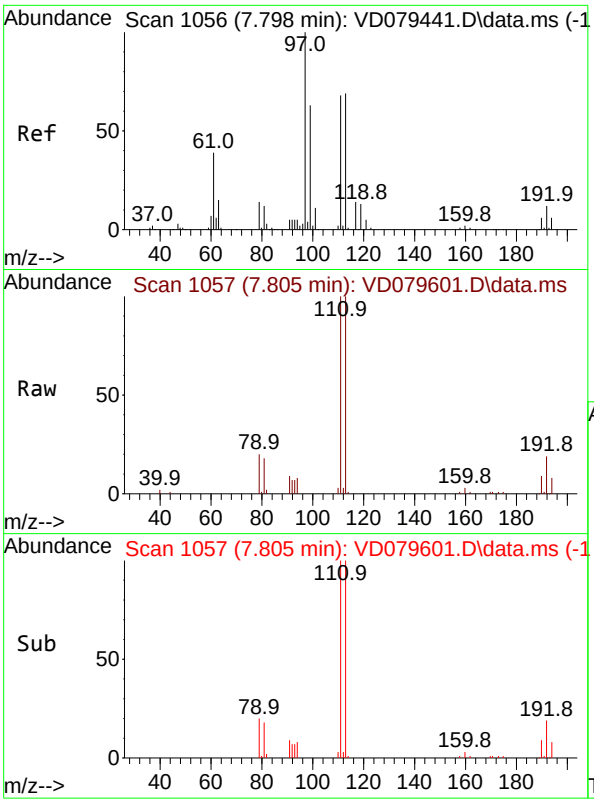


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion:114 Resp: 348692

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.0
88	14.3	0.0	27.2



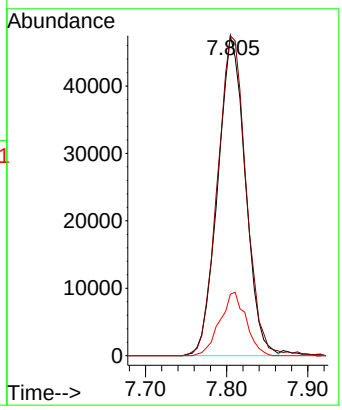


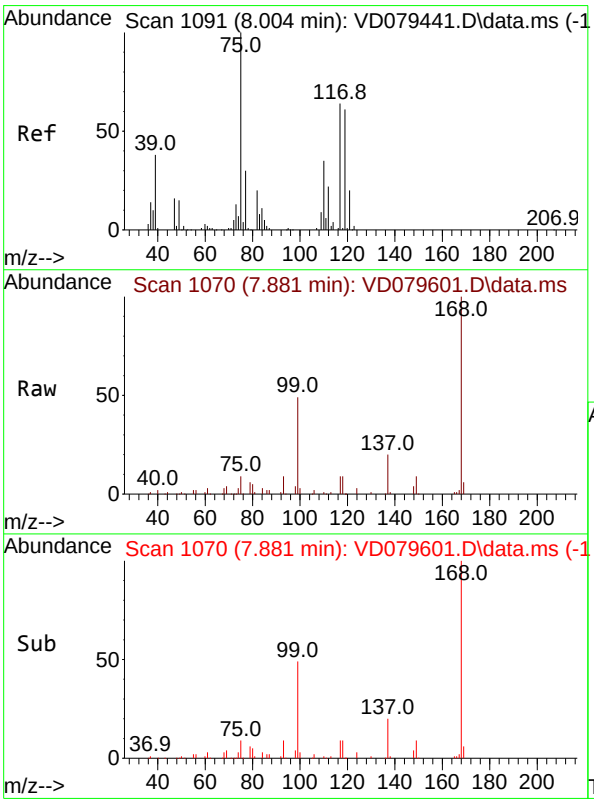
#35
Dibromofluoromethane
Concen: 47.326 ug/l
RT: 7.805 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 111695

Ion	Ratio	Lower	Upper
113	100		
111	104.4	84.0	126.0
192	18.9	15.4	23.0

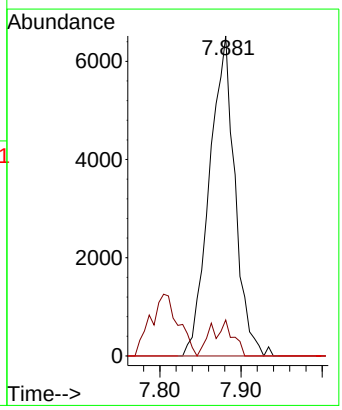


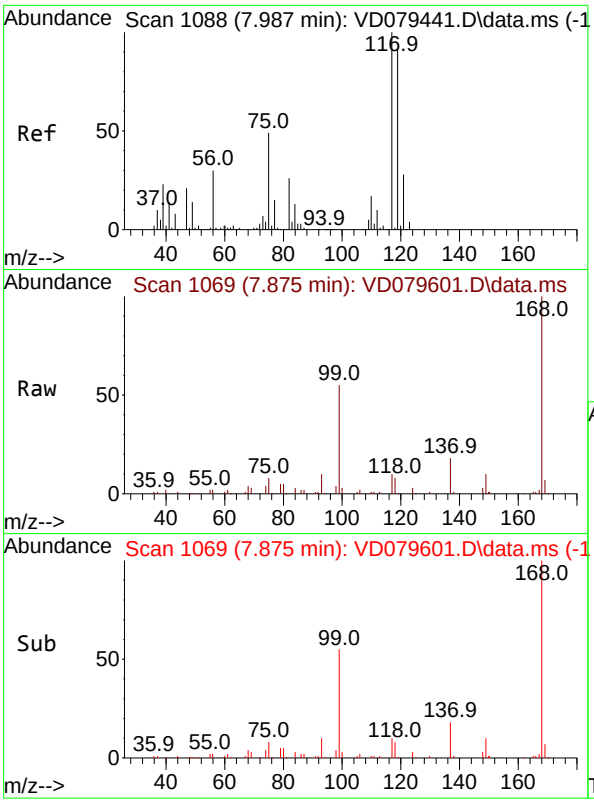


#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 75 Resp: 14237

Ion	Ratio	Lower	Upper
75	100		
110	3.8	19.6	58.7#
77	0.0	26.1	39.1#



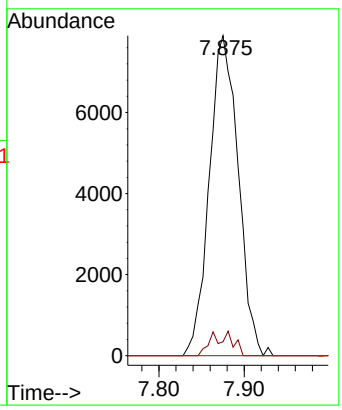


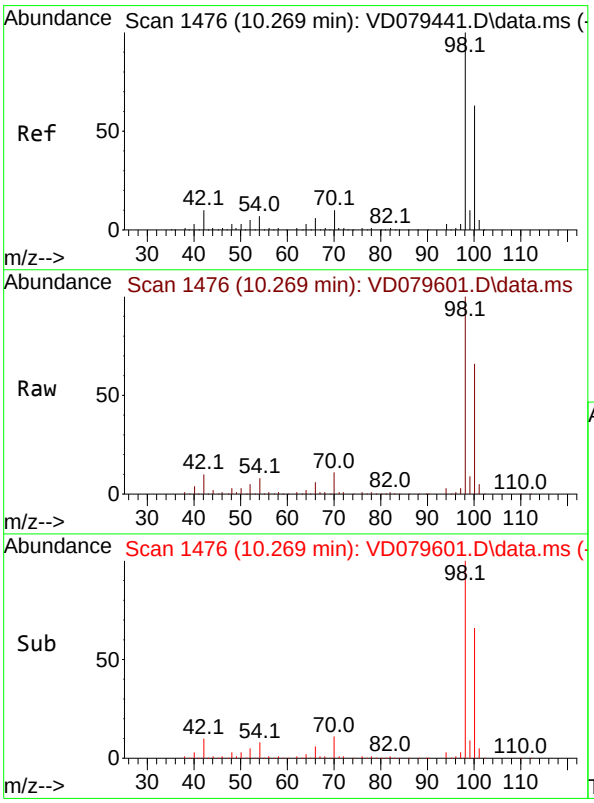
#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.112 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 18614

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.4	113.0#
121	0.0	25.0	37.4#

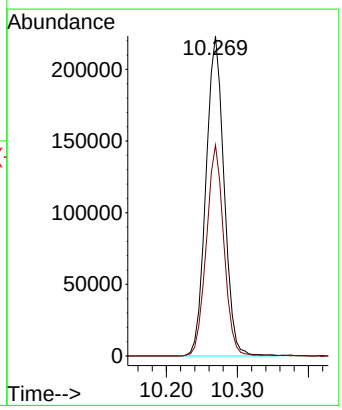


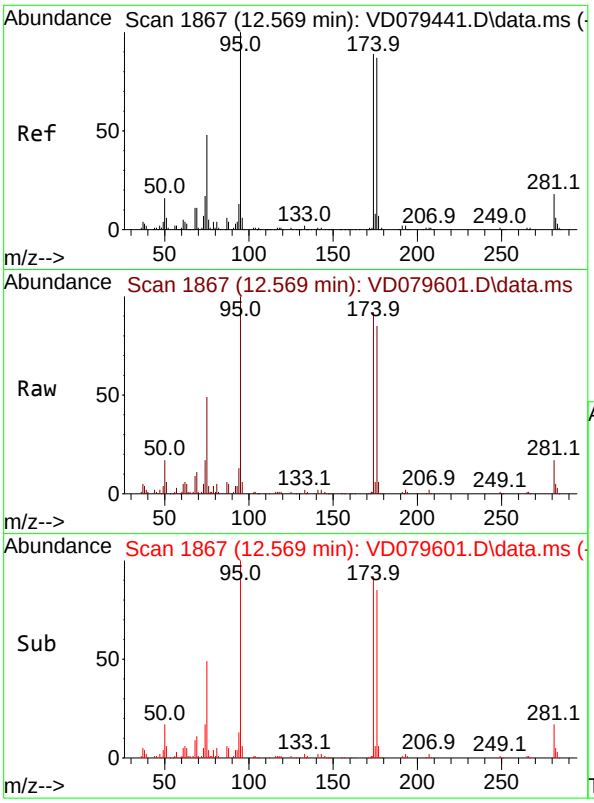


#50
Toluene-d8
Concen: 43.129 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 98 Resp: 395288

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



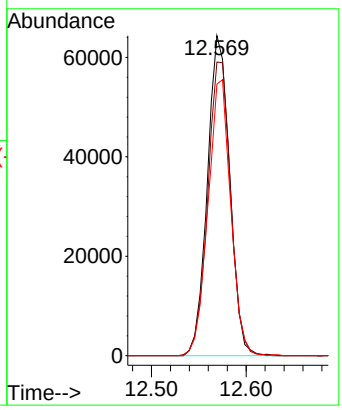


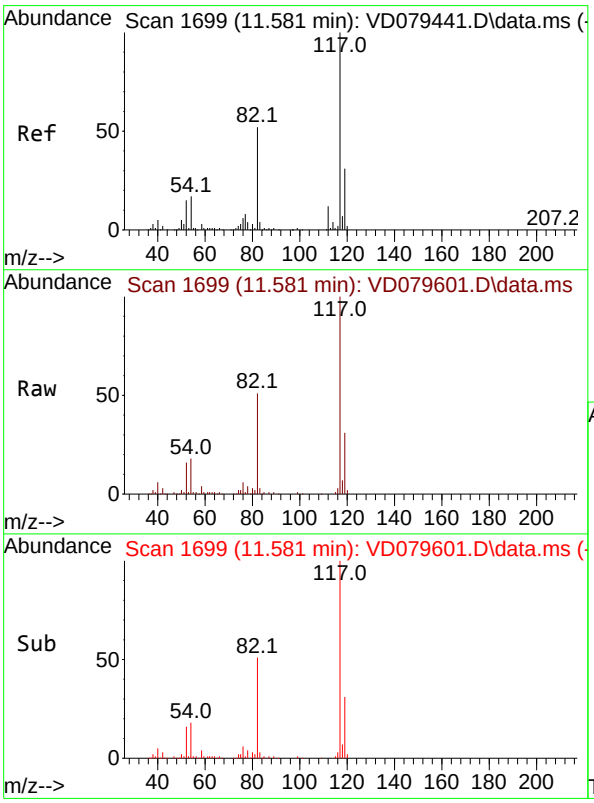
#62
4-Bromofluorobenzene
Concen: 39.760 ug/l
RT: 12.569 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 105451

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	195.4
176	88.0	0.0	192.6

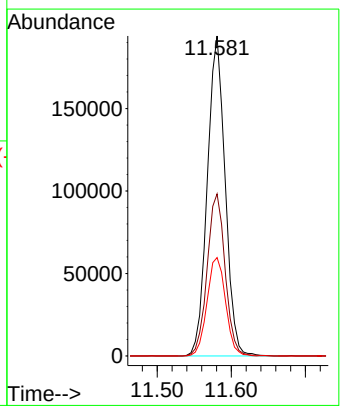


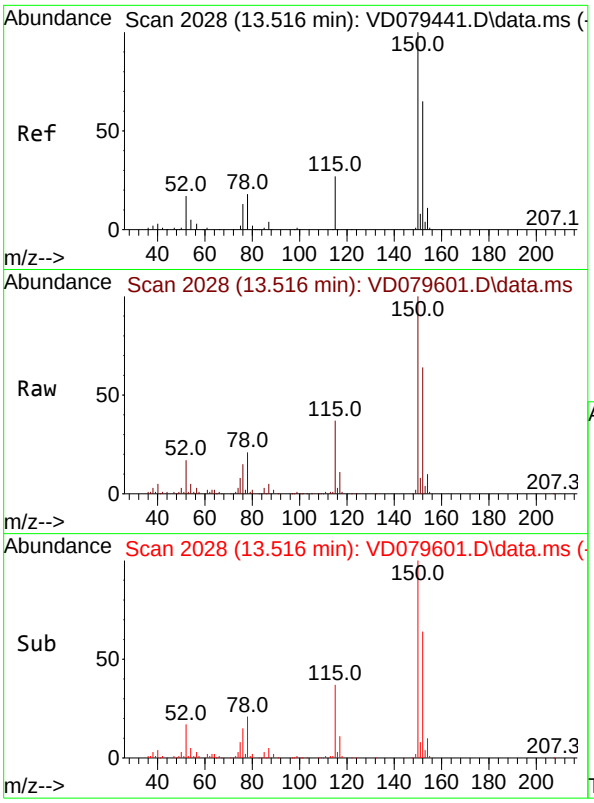


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion:117 Resp: 323897

Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.8	59.6
119	30.8	25.7	38.5



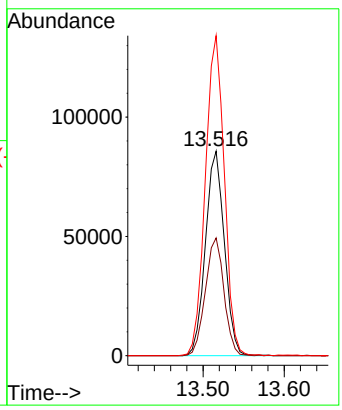


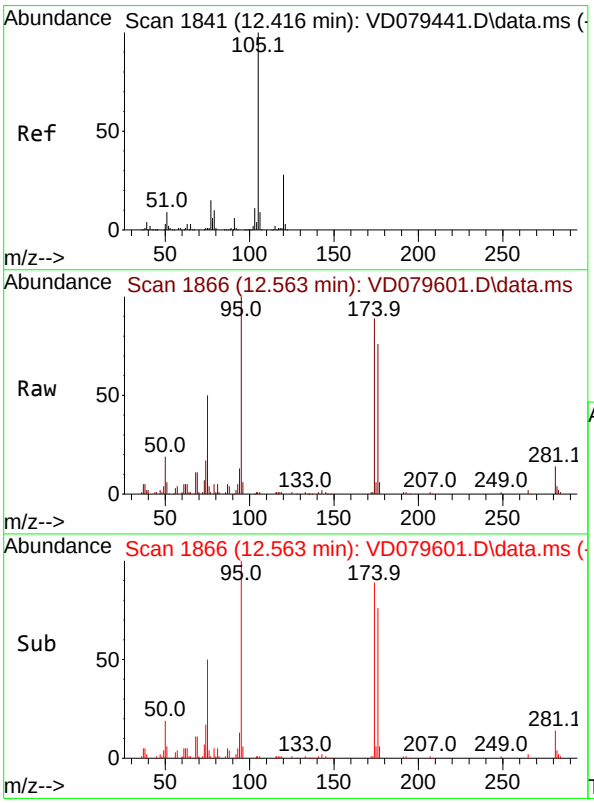
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 138857

Ion	Ratio	Lower	Upper
152	100		
115	56.6	26.5	79.5
150	156.7	0.0	341.6

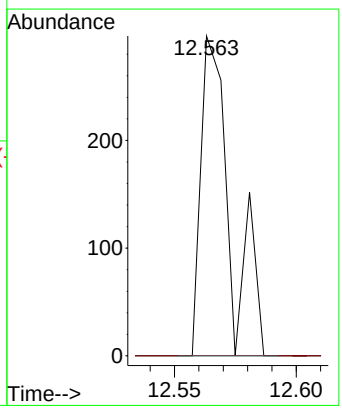


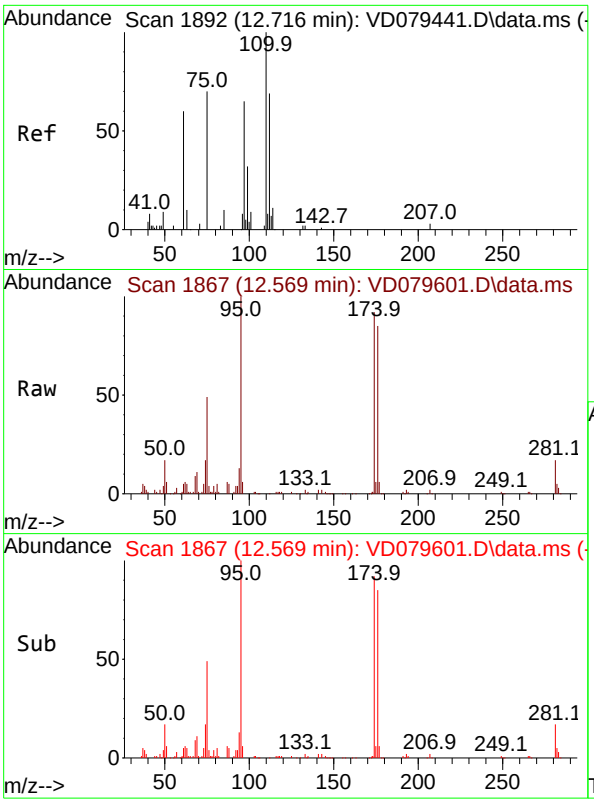


#73
Isopropylbenzene
Concen: 3.650 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.147 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion:105 Resp: 249

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#



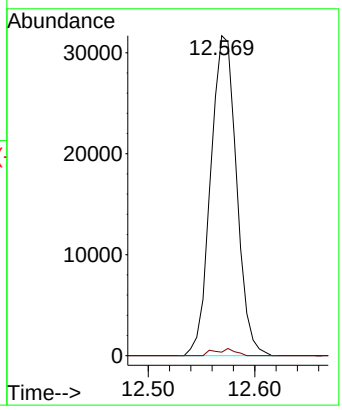


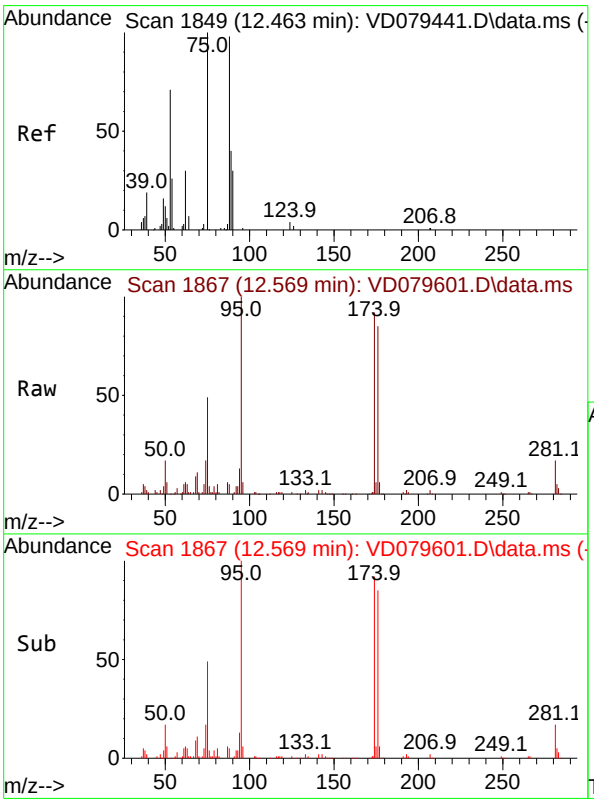
#76
1,2,3-Trichloropropane
Concen: 44.010 ug/l
RT: 12.569 min Scan# 1
Delta R.T. -0.153 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 53417

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#

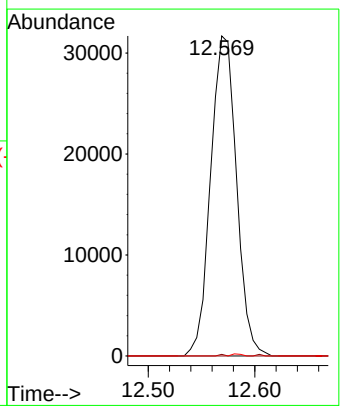


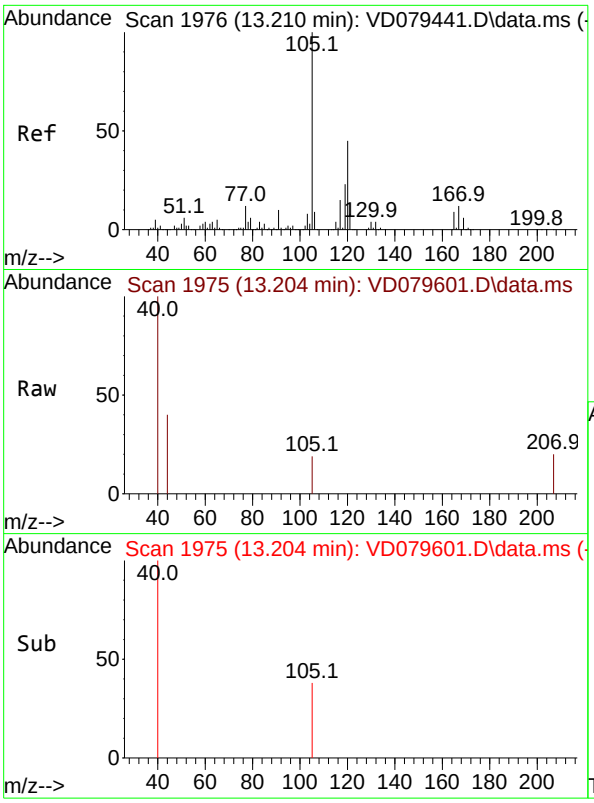


#81
trans-1,4-Dichloro-2-butene
Concen: 83.939 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 75 Resp: 53417

Ion	Ratio	Lower	Upper
75	100		
53	0.1	61.4	92.2#
89	0.2	35.4	53.0#



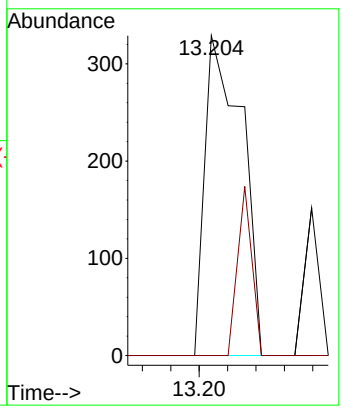


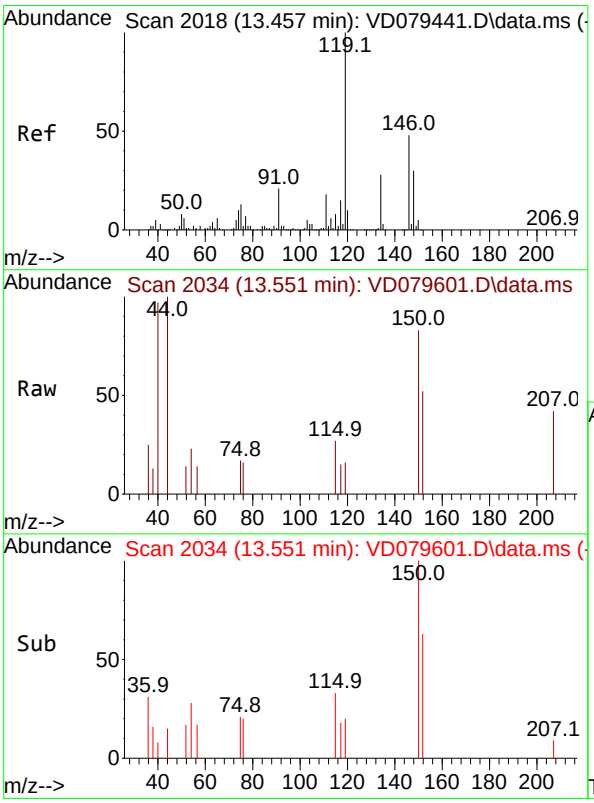
#84
1,2,4-Trimethylbenzene
Concen: 3.460 ug/l
RT: 13.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 297

Ion	Ratio	Lower	Upper
105	100		
120	20.5	23.6	71.0#

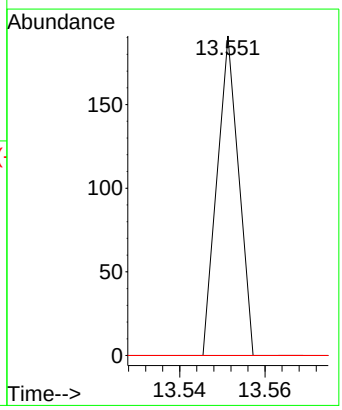


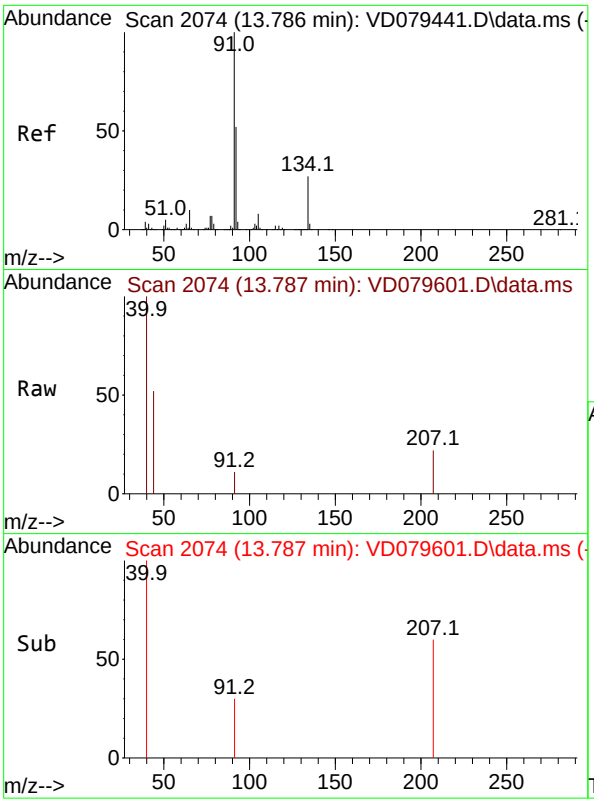


#86
p-Isopropyltoluene
Concen: 3.893 ug/l
RT: 13.551 min Scan# 2034
Delta R.T. 0.094 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion:119 Resp: 67

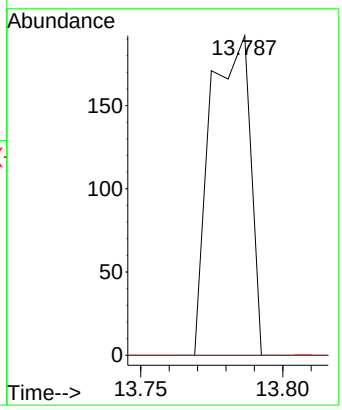
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.7	41.1#
91	0.0	10.7	32.1#





#89
n-Butylbenzene
Concen: 3.801 ug/l
RT: 13.787 min Scan# 2
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 187

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.7	77.0#
134	0.0	13.6	40.8#