Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
Data File : VD076873.D
Acq On : 31 Jul 2023 14:34
Operator : KP/SY
Sample : 03797-01
Misc : 5.05G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Quant Time: Aug 01 02:11:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	185587	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	348497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92998	50.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.804	113	112650	51.439	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.880%			
50) Toluene-d8	10.269	98	427348	54.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.100%			
62) 4-Bromofluorobenzene	12.575	95	121364	47.886	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.028	59	237	1.718	ug/l #	73
16) Acetone	4.028	43	1760	3.987	ug/l #	75
20) Methylene Chloride	4.799	84	23318	Below Cal		94
25) 2-Butanone	7.081	43	1787	3.025	ug/l #	37
26) 2,2-Dichloropropane	7.057	77	4999	1.508	ug/l #	49
31) Cyclohexane	7.881	56	4321	1.588	ug/l #	23
36) 1,1-Dichloropropene	7.875	75	15787	5.517	ug/l #	46
38) Carbon Tetrachloride	7.869	117	18853	6.880	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	66066	50.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	66066	107.905	ug/l #	17

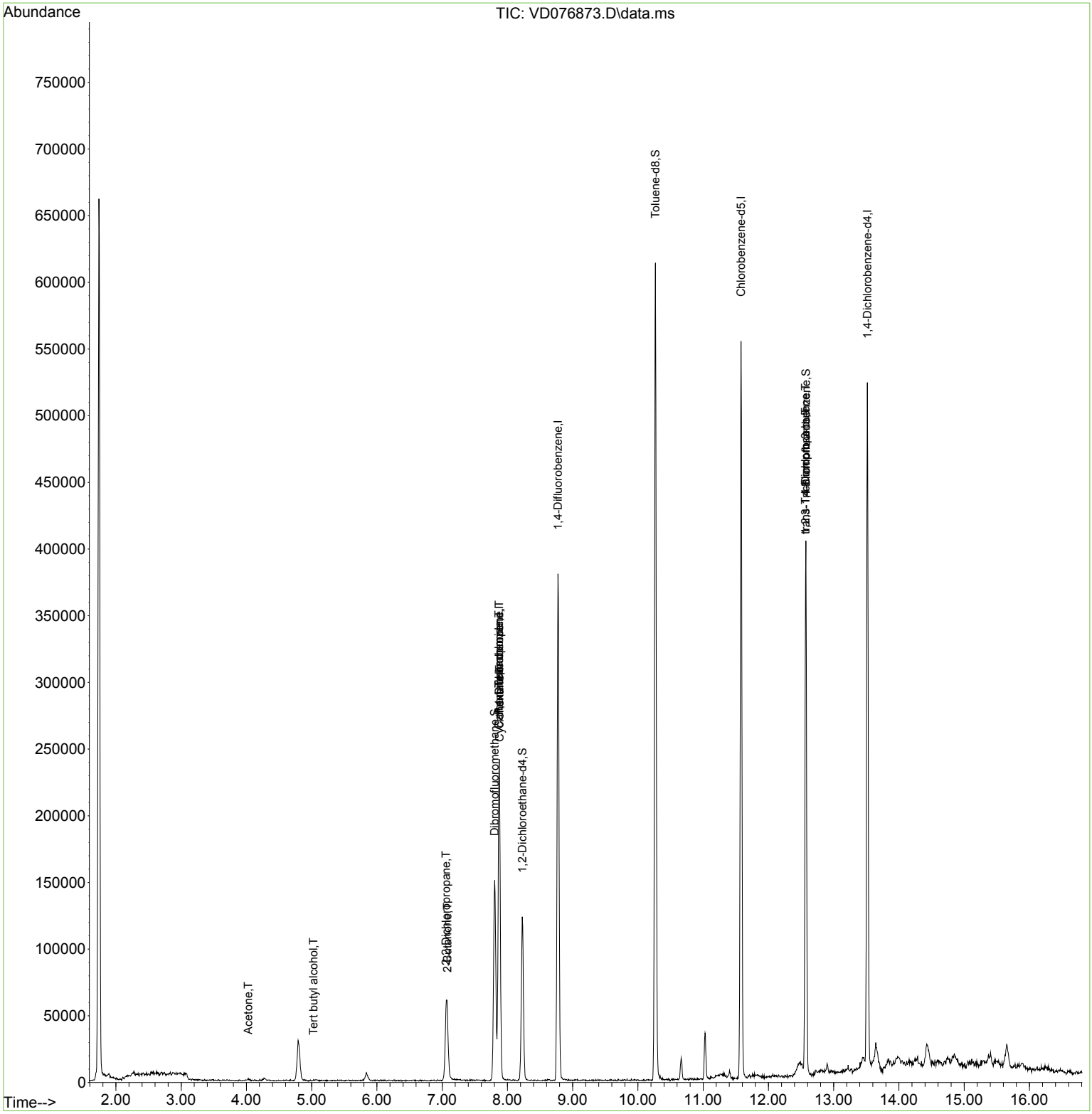
(#) = qualifier out of range (m) = manual integration (+) = signals summed

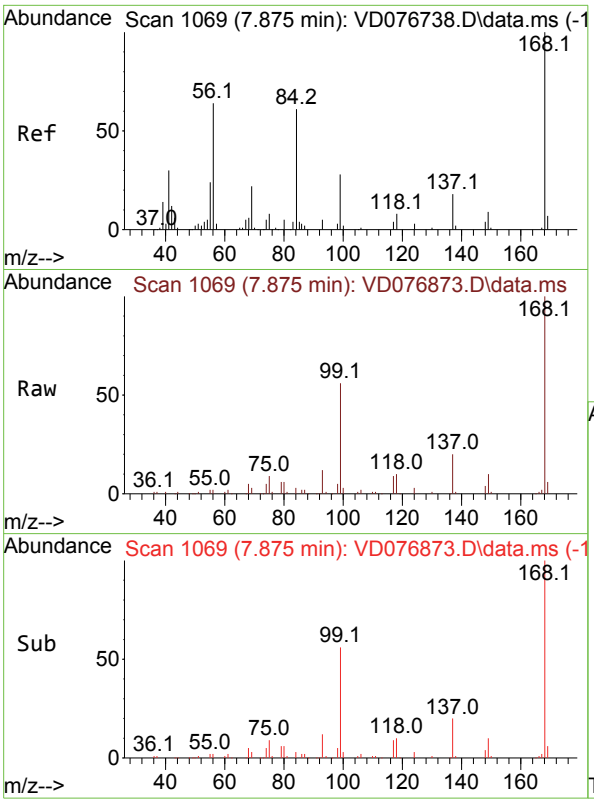
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
Data File : VD076873.D
Acq On : 31 Jul 2023 14:34
Operator : KP/SY
Sample : 03797-01
Misc : 5.05G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Quant Time: Aug 01 02:11:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



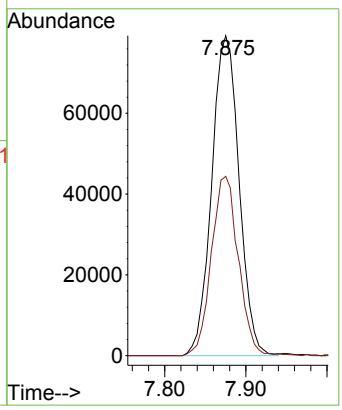


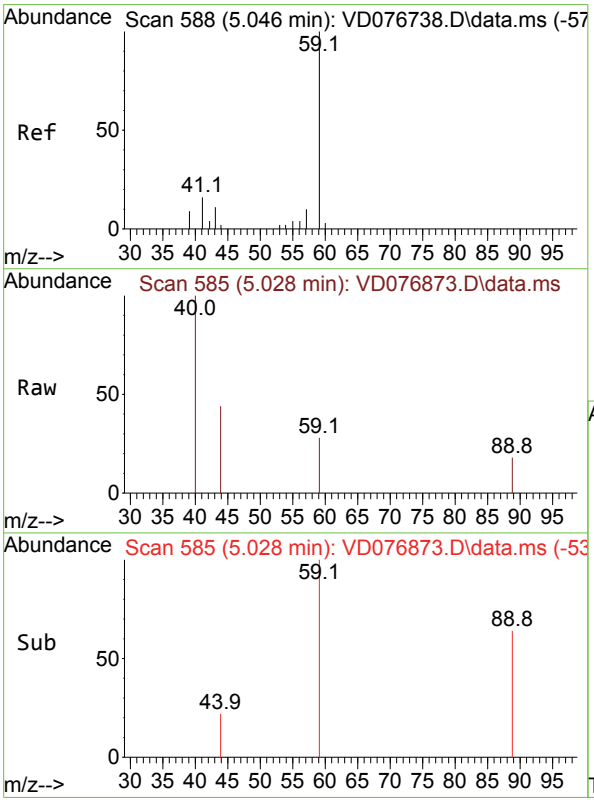
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion:168 Resp: 185587

Ion	Ratio	Lower	Upper
168	100		
99	56.0	36.7	55.1#

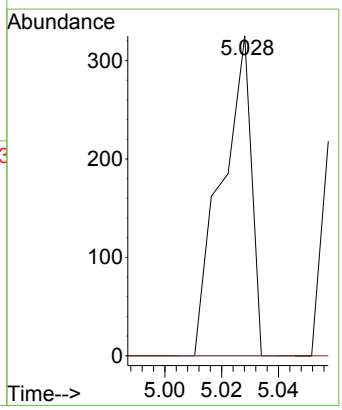


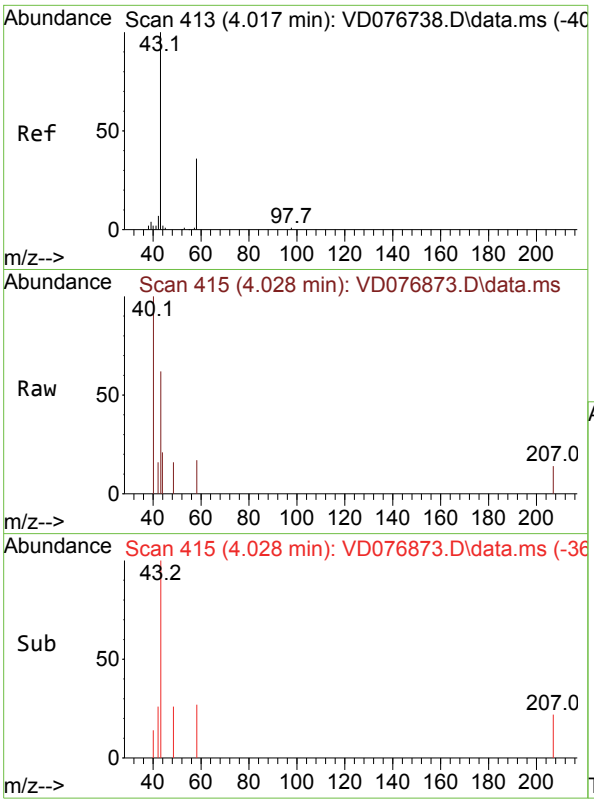


#11
Tert butyl alcohol
Concen: 1.718 ug/l
RT: 5.028 min Scan# 585
Delta R.T. -0.018 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion: 59 Resp: 237

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



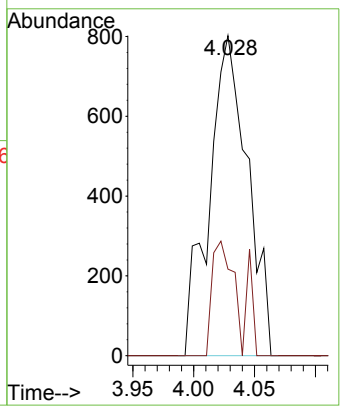


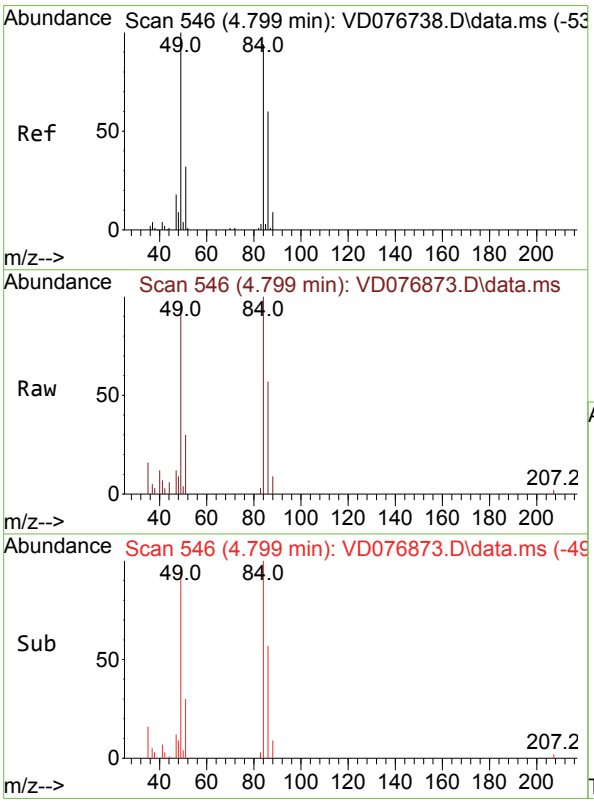
#16
Acetone
Concen: 3.987 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 43 Resp: 1760

Ion	Ratio	Lower	Upper
43	100		
58	27.1	34.7	52.1#

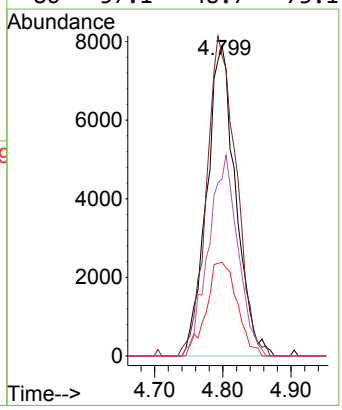


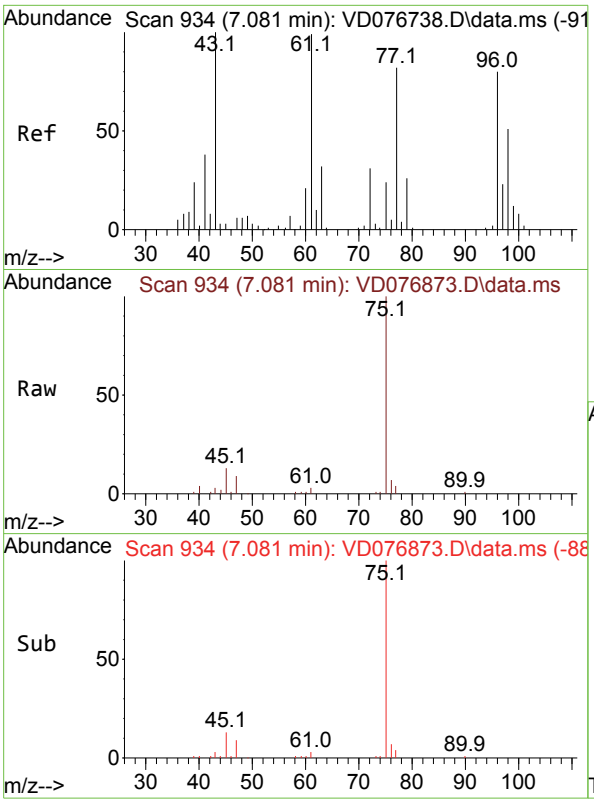


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion: 84 Resp: 23318

Ion	Ratio	Lower	Upper
84	100		
49	96.8	71.4	107.2
51	30.2	24.5	36.7
86	57.1	48.7	73.1



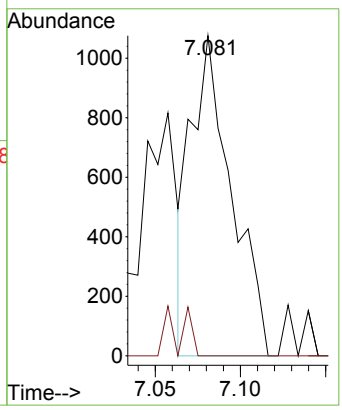


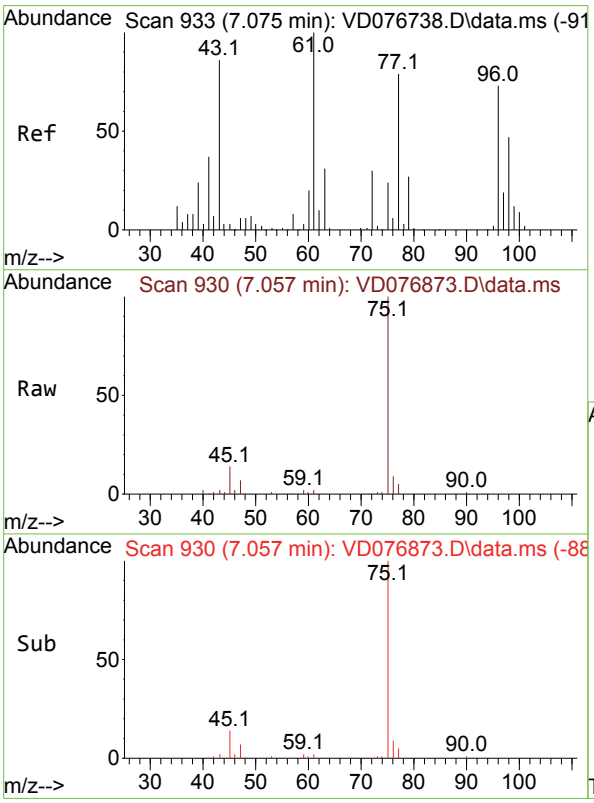
#25
2-Butanone
Concen: 3.025 ug/l
RT: 7.081 min Scan# 9
Delta R.T. -0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 43 Resp: 1787

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

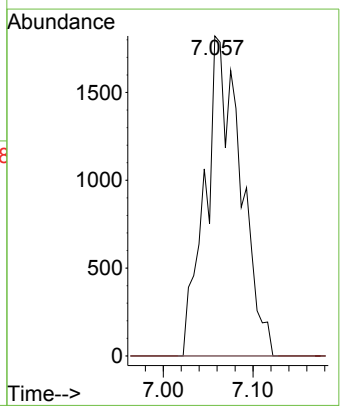


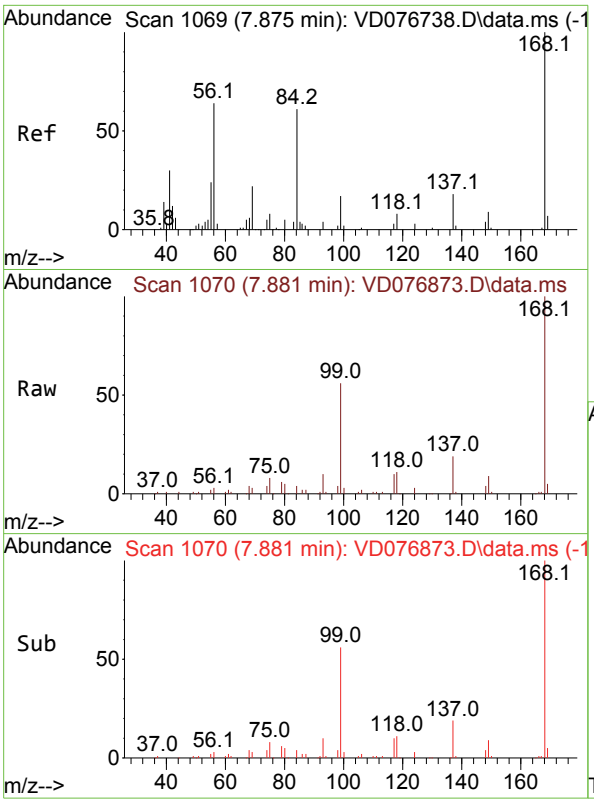


#26
2,2-Dichloropropane
Concen: 1.508 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.018 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion: 77 Resp: 4999

Ion	Ratio	Lower	Upper
77	100		
97	0.0	13.2	39.6#



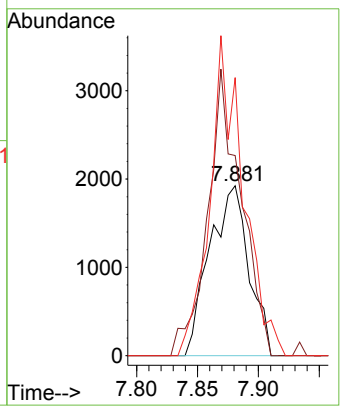


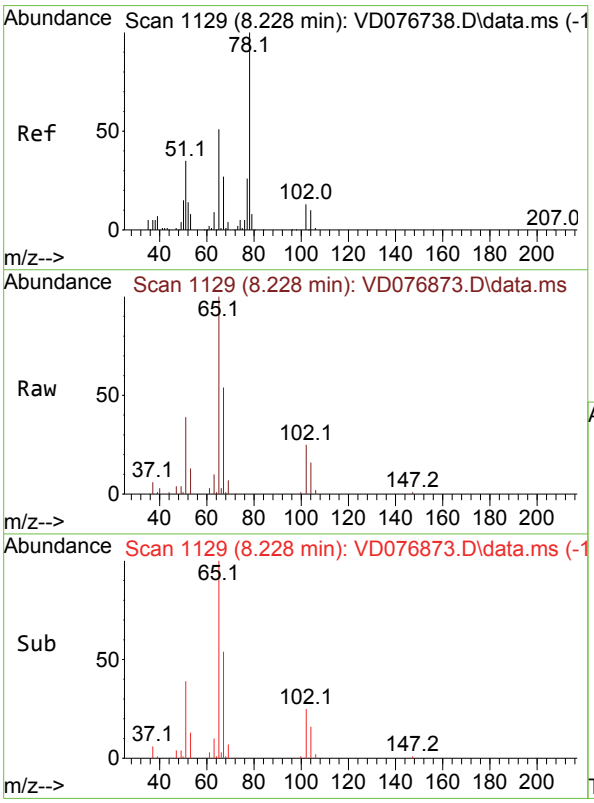
#31
Cyclohexane
Concen: 1.588 ug/l
RT: 7.881 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 56 Resp: 4321

Ion	Ratio	Lower	Upper
56	100		
69	117.8	28.6	43.0#
84	163.7	84.8	127.2#

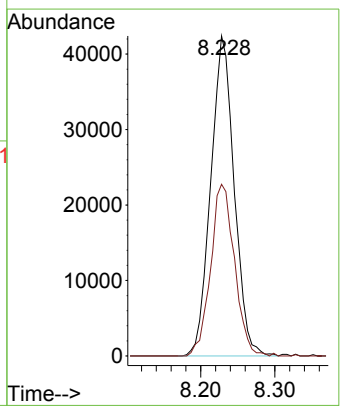


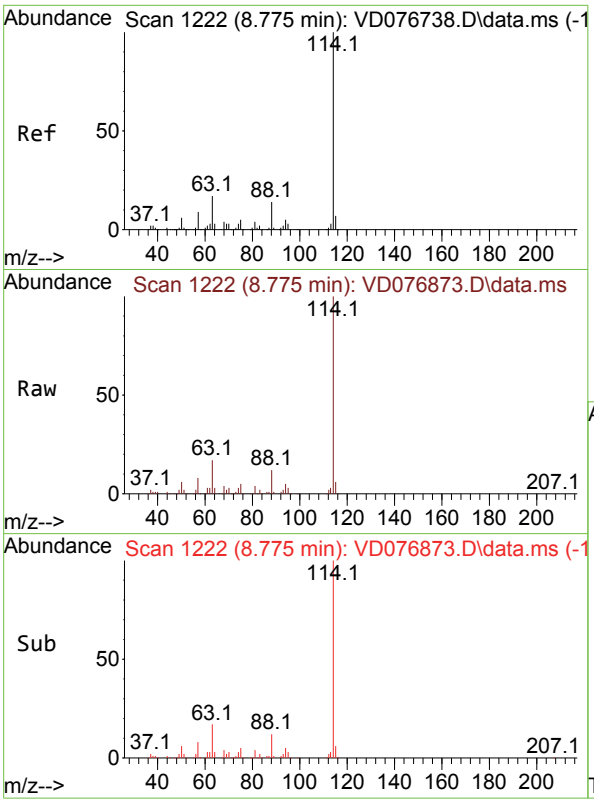


#33
1,2-Dichloroethane-d4
Concen: 50.310 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion: 65 Resp: 92998

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	115.0



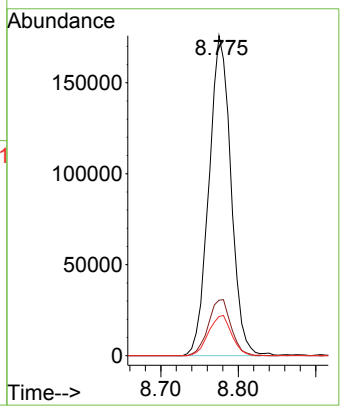


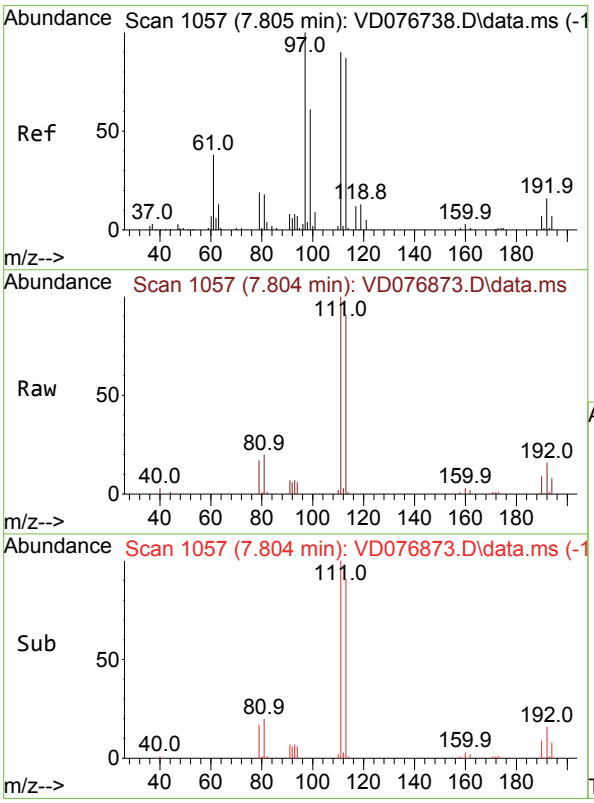
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion:114 Resp: 348497

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.4
88	12.2	0.0	26.2

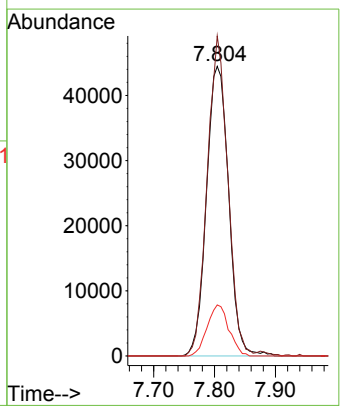


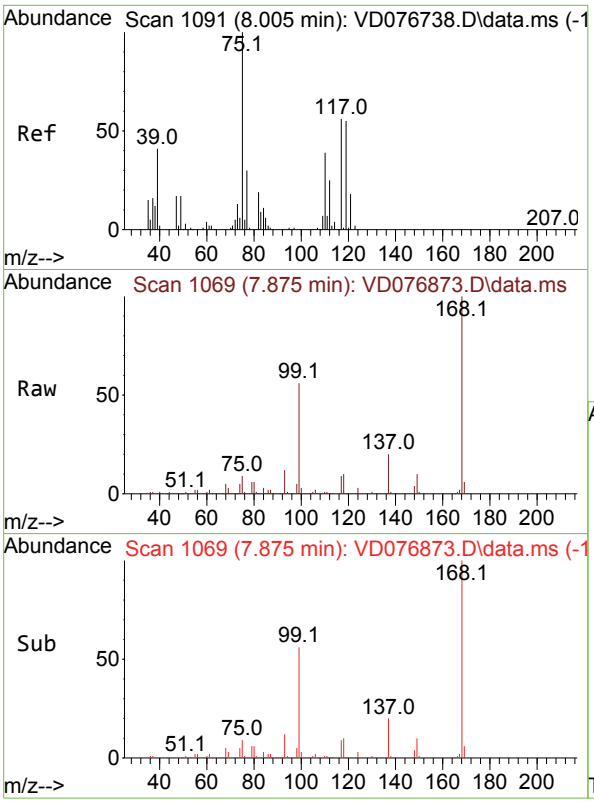


#35
Dibromofluoromethane
Concen: 51.439 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion:113 Resp: 112650

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.7	127.1
192	17.2	16.8	25.2



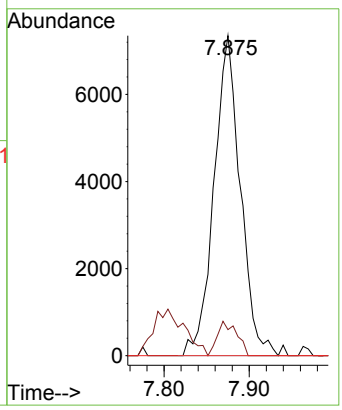


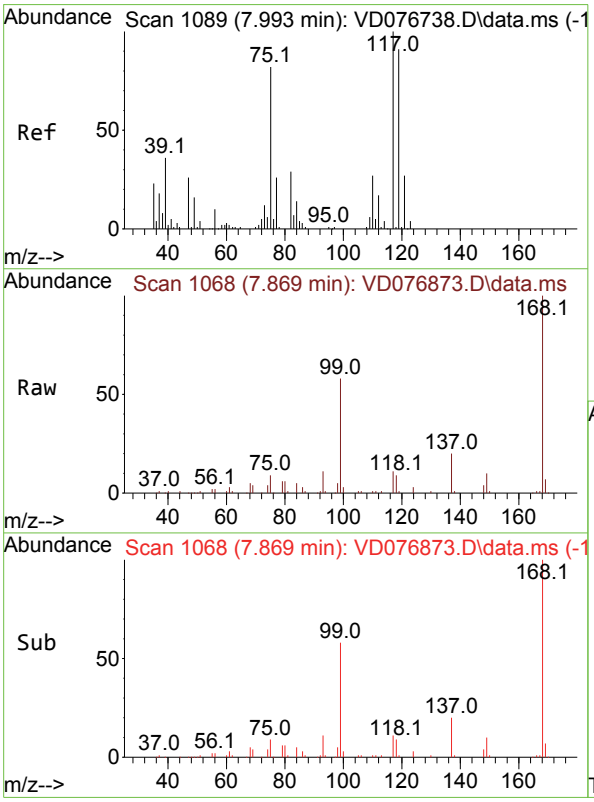
#36
1,1-Dichloropropene
Concen: 5.517 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.130 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 75 Resp: 15787

Ion	Ratio	Lower	Upper
75	100		
110	8.0	19.9	59.6#
77	0.0	24.7	37.1#

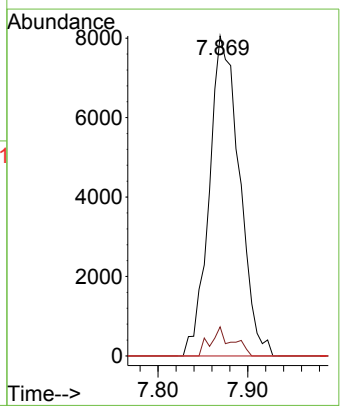


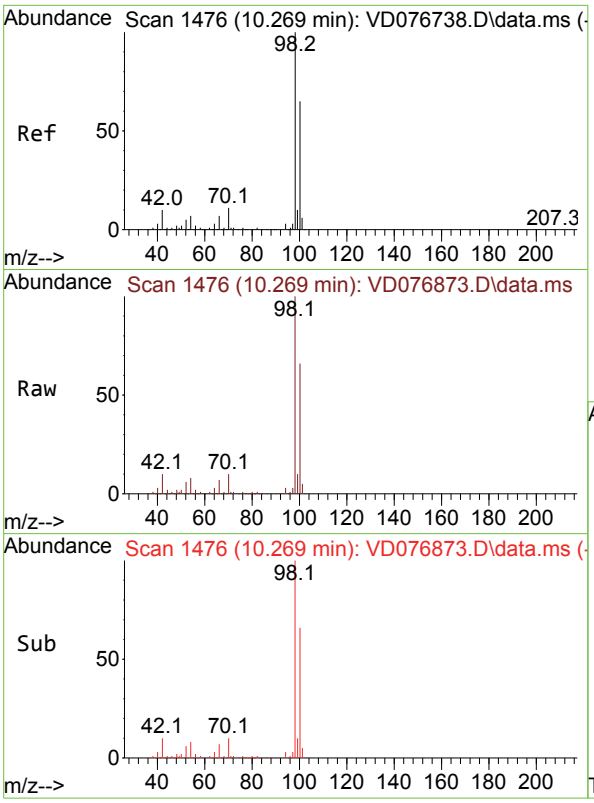


#38
Carbon Tetrachloride
Concen: 6.880 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion:117 Resp: 18853

Ion	Ratio	Lower	Upper
117	100		
119	9.1	78.0	117.0#
121	0.0	24.2	36.2#



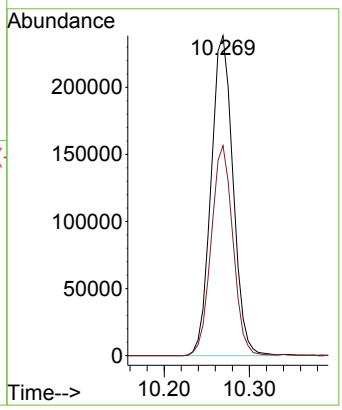


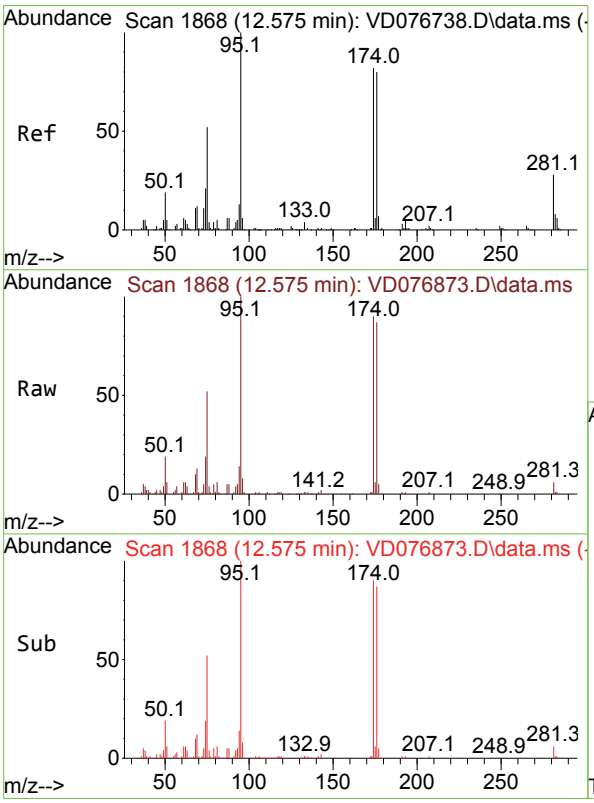
#50
Toluene-d8
Concen: 54.548 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 98 Resp: 427348

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.3	75.5

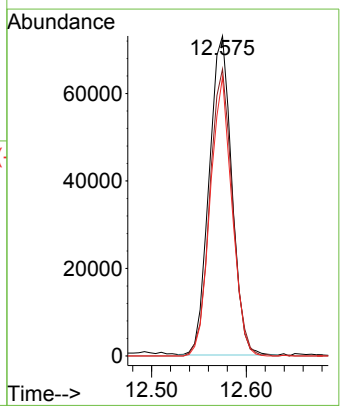


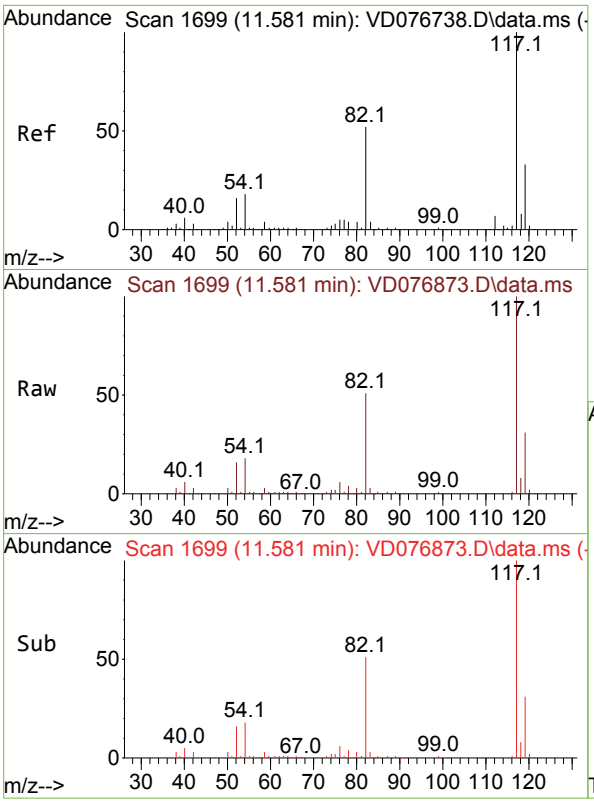


#62
4-Bromofluorobenzene
Concen: 47.886 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion: 95 Resp: 121364

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	201.8
176	83.8	0.0	191.8



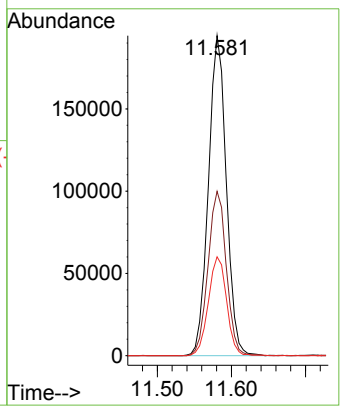


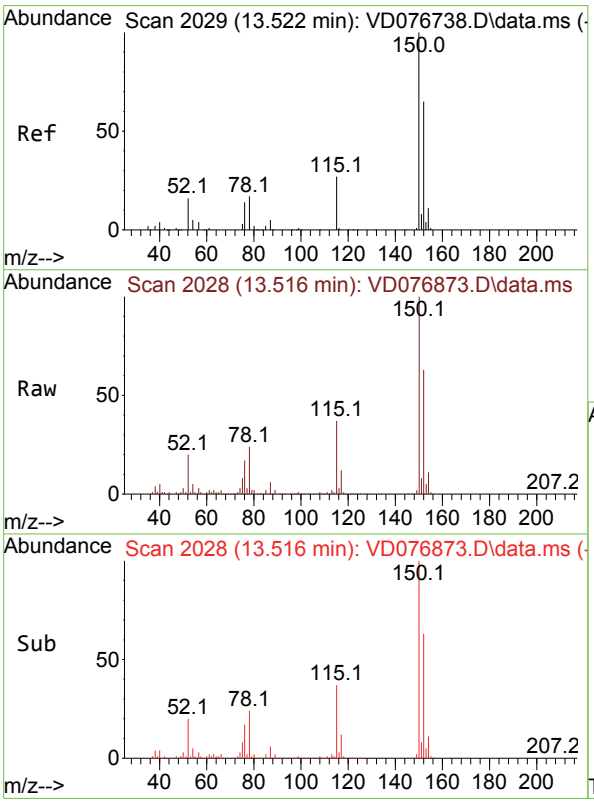
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion:117 Resp: 326150

Ion	Ratio	Lower	Upper
117	100		
82	51.4	38.3	57.5
119	30.9	25.0	37.4

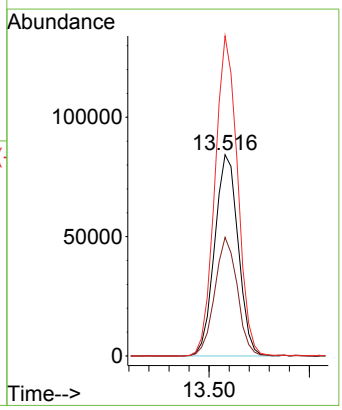


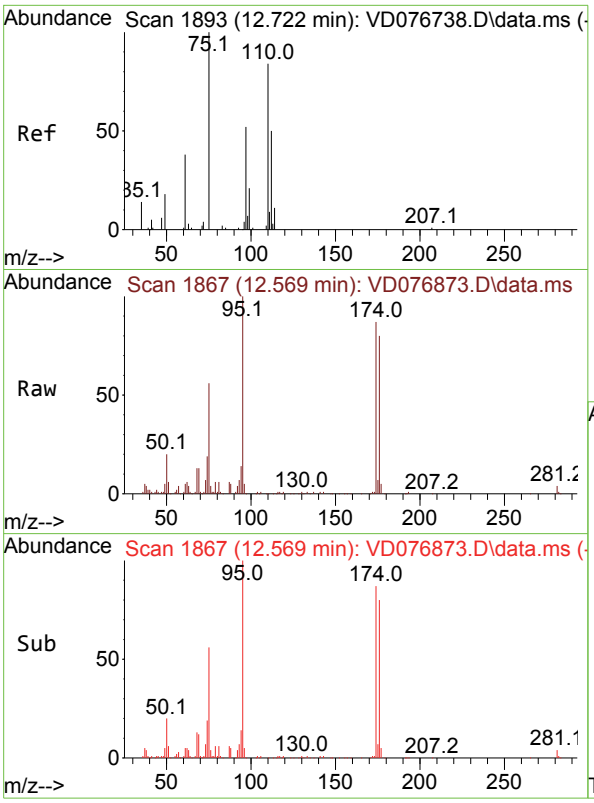


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion:152 Resp: 137021

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.1	81.3
150	152.9	0.0	353.6



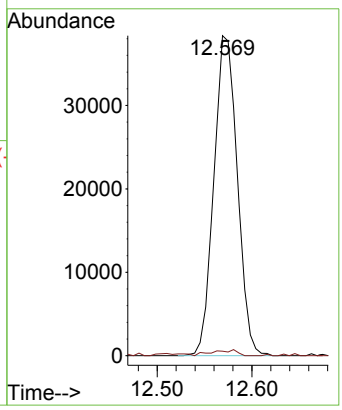


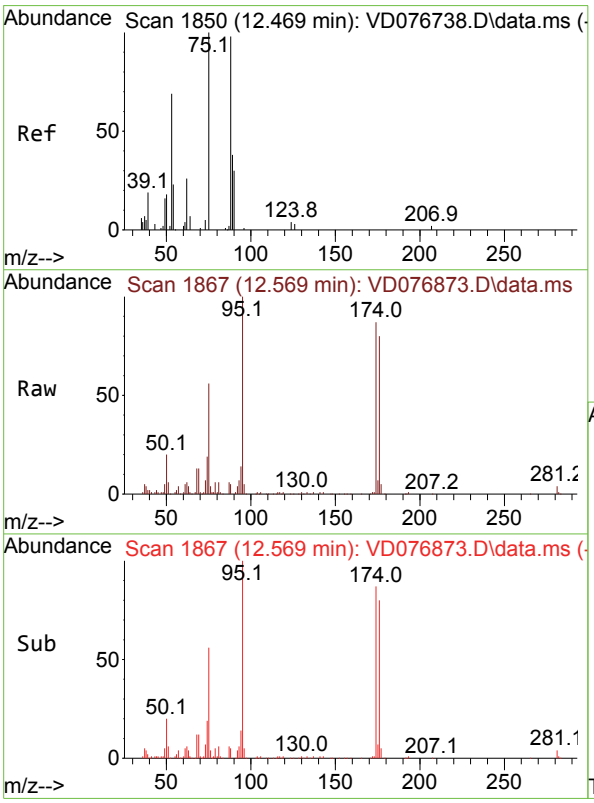
#76
1,2,3-Trichloropropane
Concen: 50.701 ug/l
RT: 12.569 min Scan# 1
Delta R.T. -0.153 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 75 Resp: 66066

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.905 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076873.D
Acq: 31 Jul 2023 14:34

Tgt Ion: 75 Resp: 66066

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#