Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
Data File : VD076872.D
Acq On : 31 Jul 2023 14:06
Operator : KP/SY
Sample : 03788-01RE
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Quant Time: Aug 01 02:10:47 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	7.869	168	168077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	321122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93085	55.603	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.200%			
35) Dibromofluoromethane	7.804	113	108020	53.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.060%			
50) Toluene-d8	10.269	98	308252	42.700	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.400%			
62) 4-Bromofluorobenzene	12.569	95	75508	32.333	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 64.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.040	59	539	4.315	ug/l #	73
16) Acetone	4.022	43	9675	24.199	ug/l #	84
17) Carbon Disulfide	4.258	76	5021	1.294	ug/l #	76
25) 2-Butanone	7.069	43	2948	5.509	ug/l #	37
31) Cyclohexane	7.869	56	4075	1.654	ug/l #	60
36) 1,1-Dichloropropene	7.869	75	13642	5.173	ug/l #	49
37) Ethyl Acetate	7.069	43	2948	2.500	ug/l #	85
38) Carbon Tetrachloride	7.875	117	17018	6.740	ug/l #	13
51) 4-Methyl-2-Pentanone	10.263	43	1569	1.280	ug/l #	1
52) Toluene	10.334	92	73237	13.402	ug/l	100
67) Ethyl Benzene	11.687	91	10737	1.312	ug/l	90
76) 1,2,3-Trichloropropane	12.575	75	41533	64.586	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41533	137.455	ug/l #	17
86) p-Isopropyltoluene	13.463	119	89534	20.315	ug/l	98
95) Naphthalene	15.328	128	4659	1.717	ug/l	97

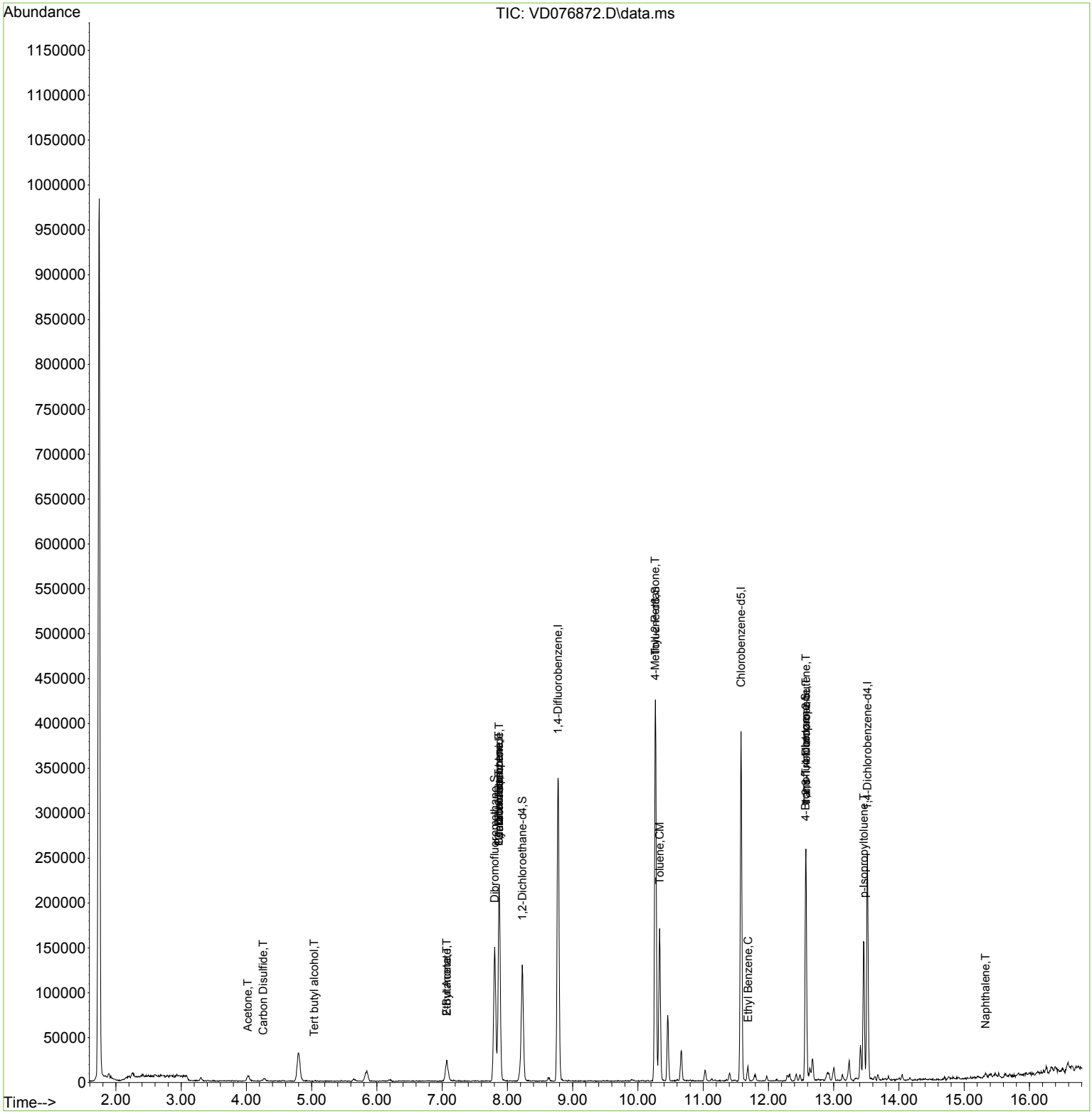
(#) = qualifier out of range (m) = manual integration (+) = signals summed

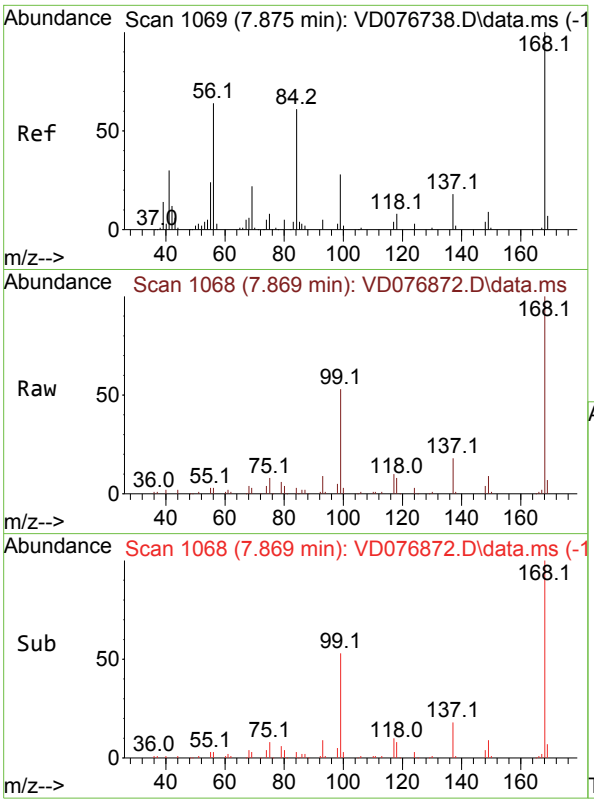
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
Data File : VD076872.D
Acq On : 31 Jul 2023 14:06
Operator : KP/SY
Sample : 03788-01RE
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Quant Time: Aug 01 02:10:47 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



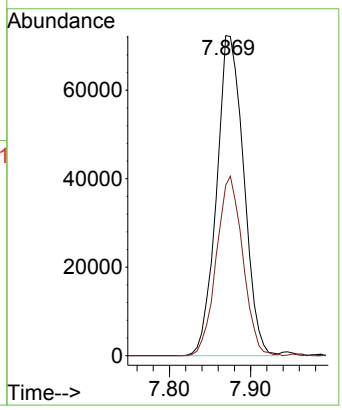


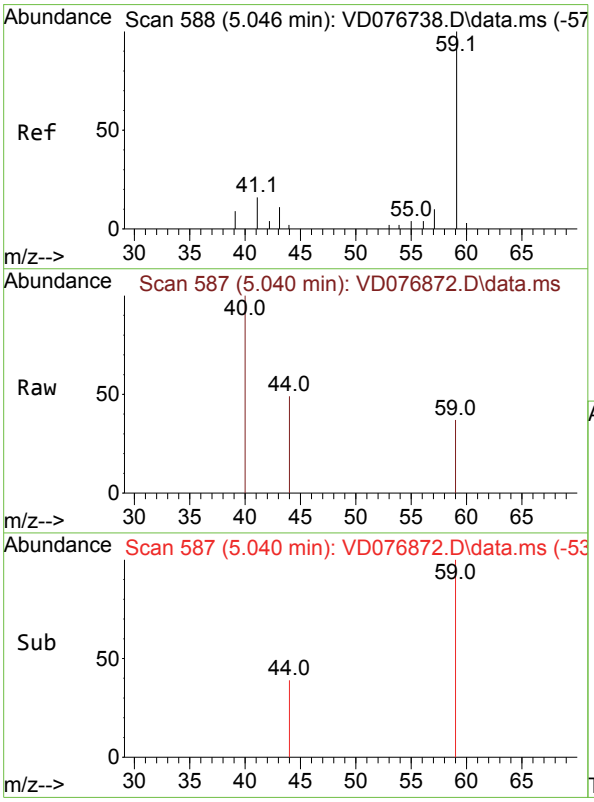
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion:168 Resp: 168077

Ion	Ratio	Lower	Upper
168	100		
99	53.3	36.7	55.1

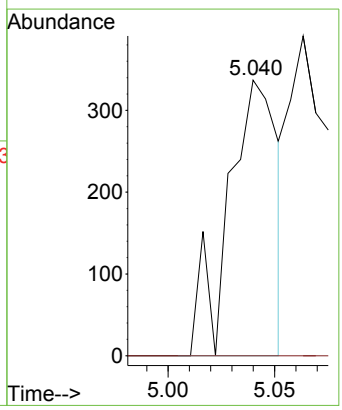


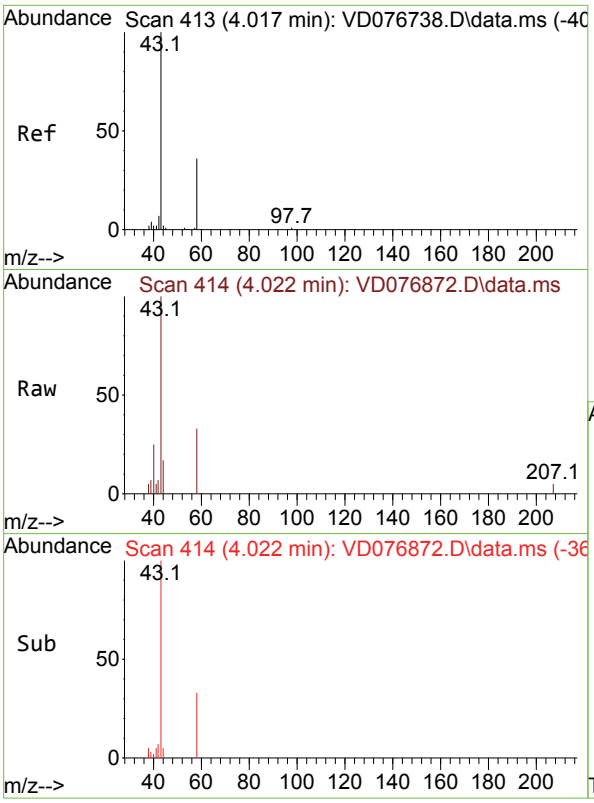


#11
Tert butyl alcohol
Concen: 4.315 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 59 Resp: 539

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



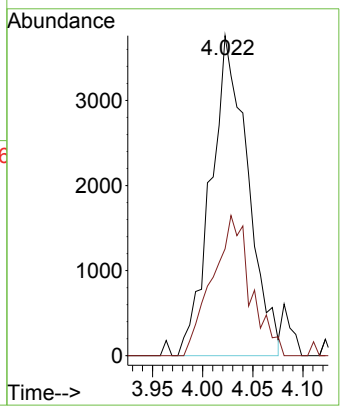


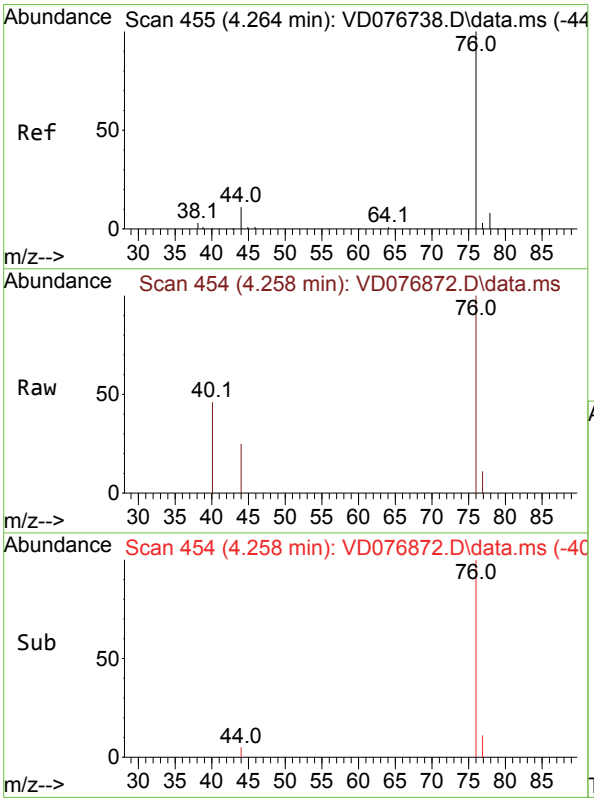
#16
Acetone
Concen: 24.199 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 43 Resp: 9675

Ion	Ratio	Lower	Upper
43	100		
58	33.4	34.7	52.1#

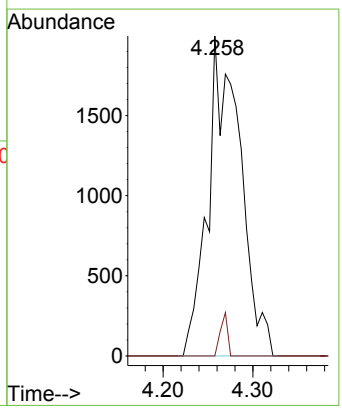


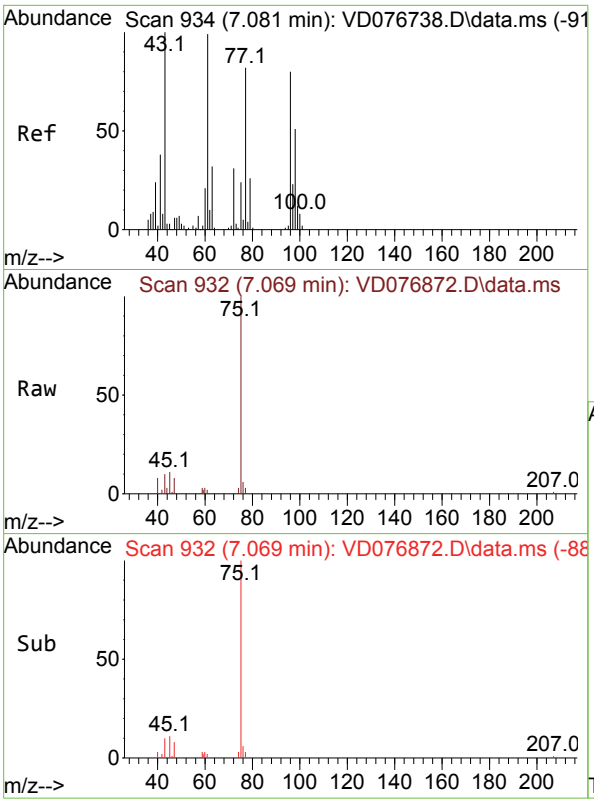


#17
Carbon Disulfide
Concen: 1.294 ug/l
RT: 4.258 min Scan# 454
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 76 Resp: 5021

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#



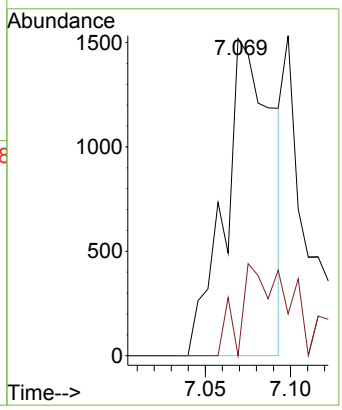


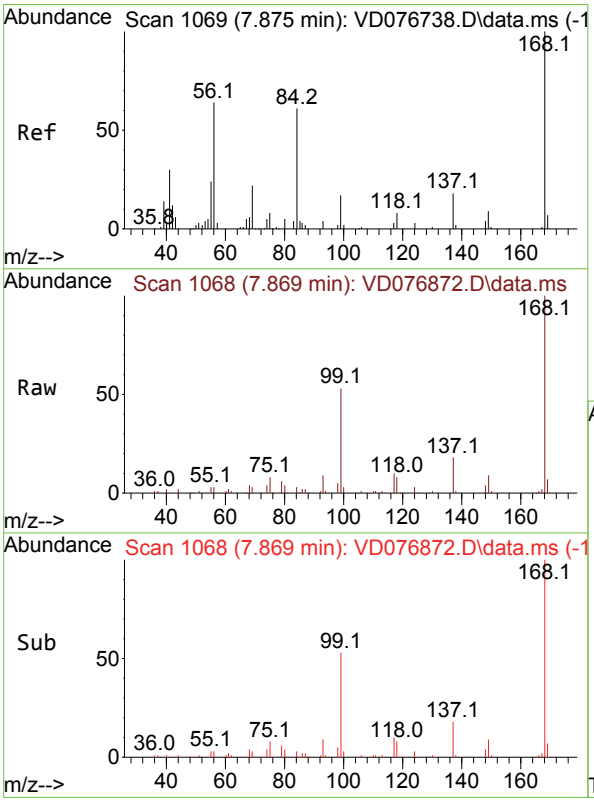
#25
2-Butanone
Concen: 5.509 ug/l
RT: 7.069 min Scan# 9
Delta R.T. -0.012 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 43 Resp: 2948

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

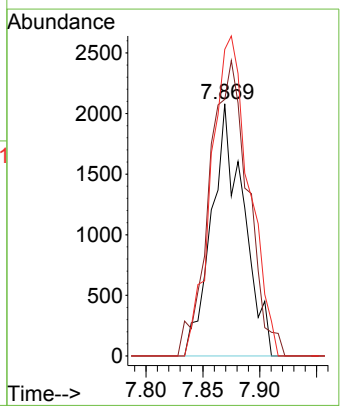


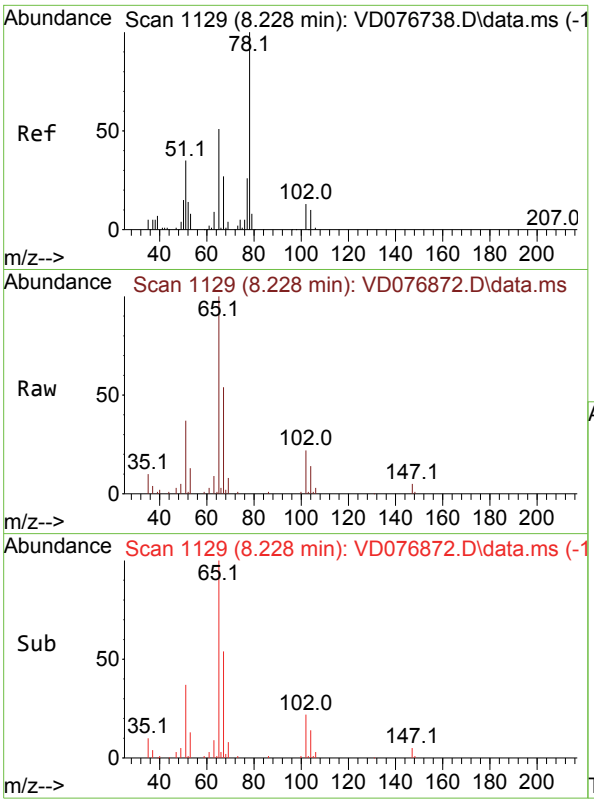


#31
Cyclohexane
Concen: 1.654 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 56 Resp: 4075

Ion	Ratio	Lower	Upper
56	100		
69	101.7	28.6	43.0#
84	121.5	84.8	127.2



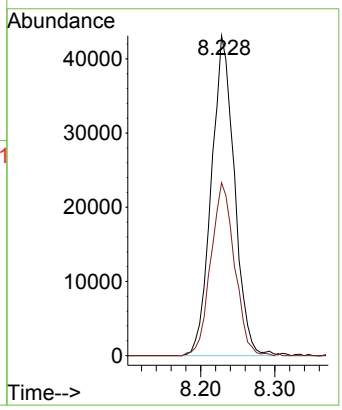


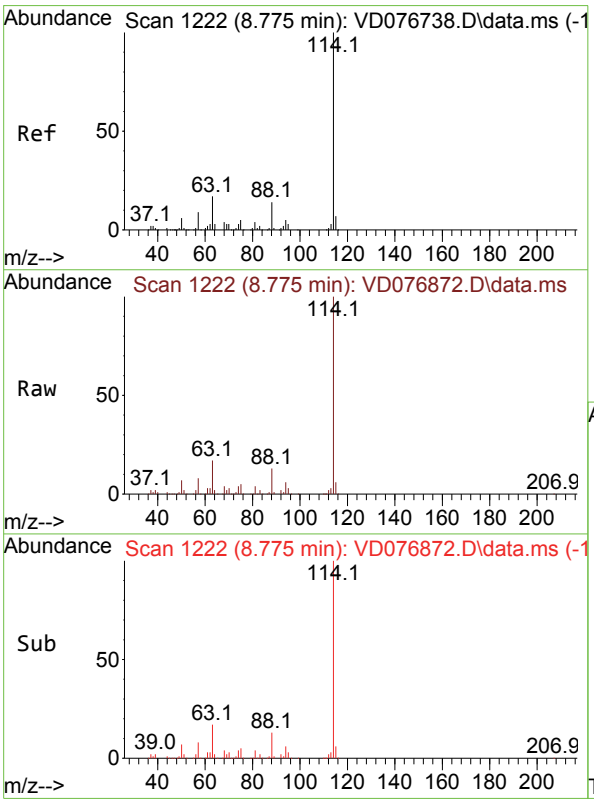
#33
1,2-Dichloroethane-d4
Concen: 55.603 ug/l
RT: 8.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 65 Resp: 93085

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	115.0

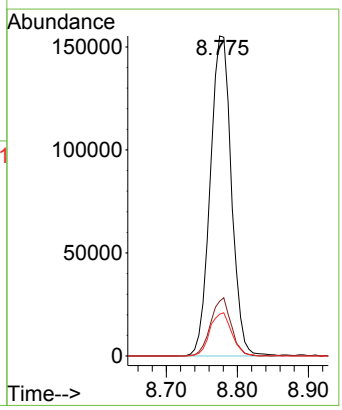


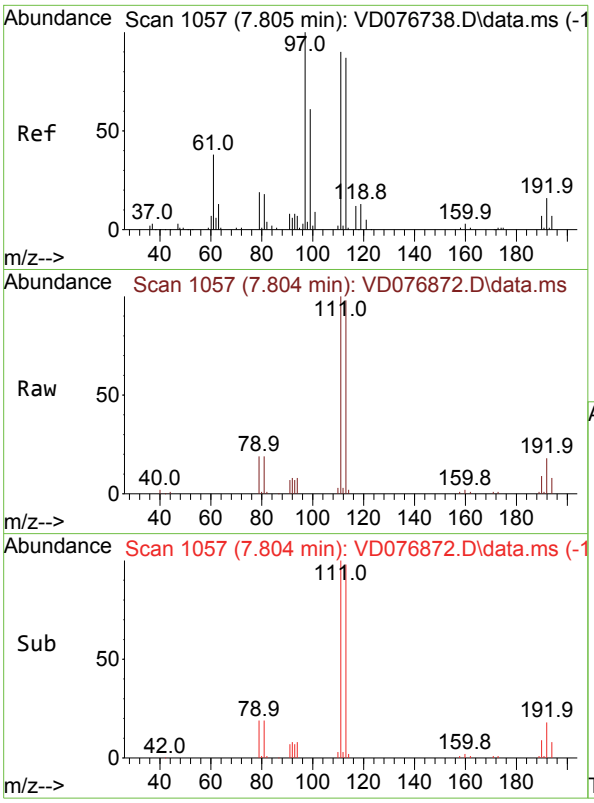


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion:114 Resp: 321122

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	33.4
88	13.1	0.0	26.2



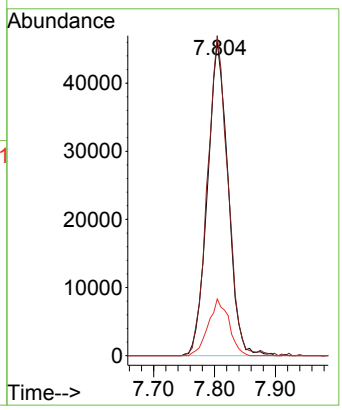


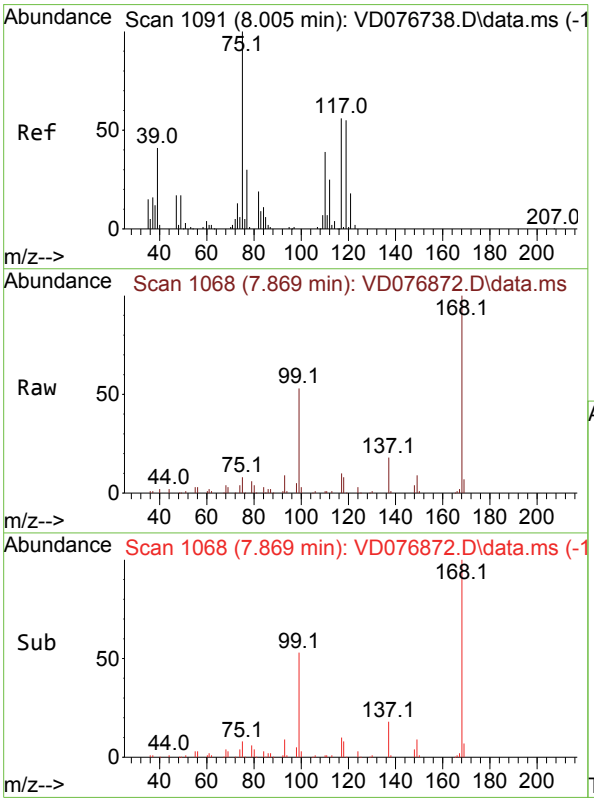
#35
Dibromofluoromethane
Concen: 53.529 ug/l
RT: 7.804 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion:113 Resp: 108020

Ion	Ratio	Lower	Upper
113	100		
111	101.1	84.7	127.1
192	18.1	16.8	25.2

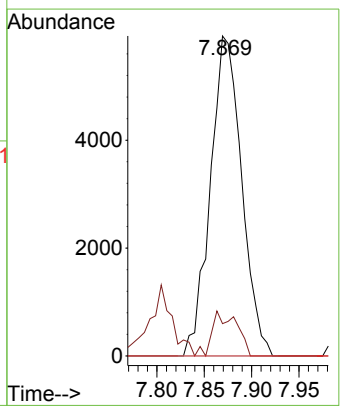


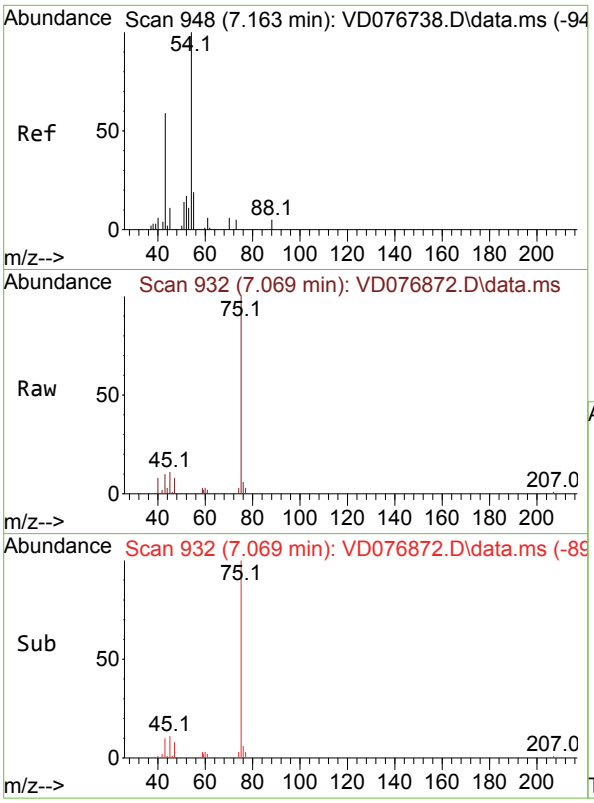


#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 75 Resp: 13642

Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.9	59.6#
77	0.0	24.7	37.1#



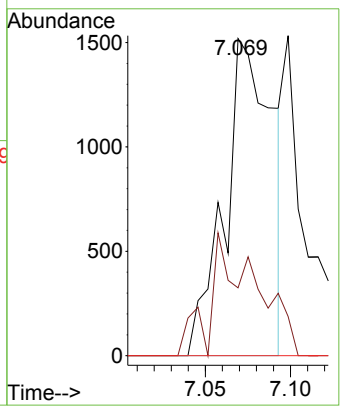


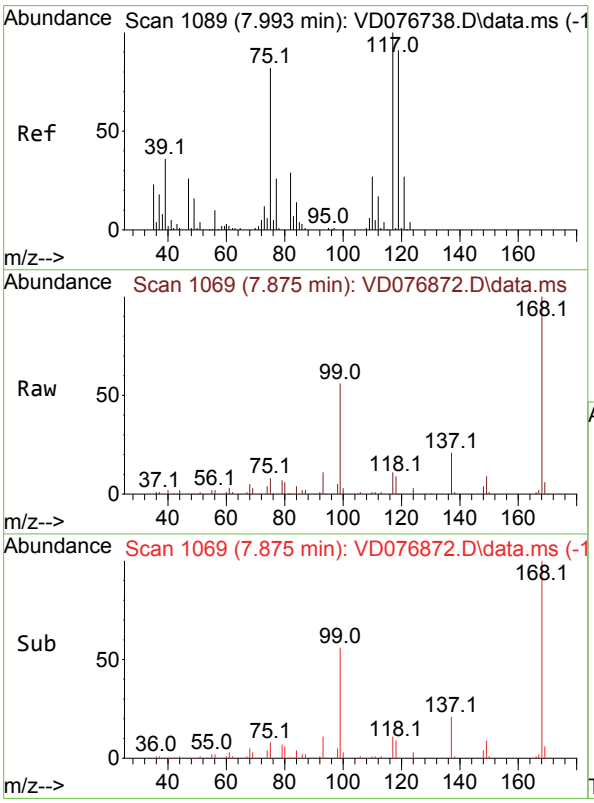
#37
Ethyl Acetate
Concen: 2.500 ug/l
RT: 7.069 min Scan# 9
Delta R.T. -0.094 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 43 Resp: 2948

Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.9	22.3
70	0.0	10.0	15.0#

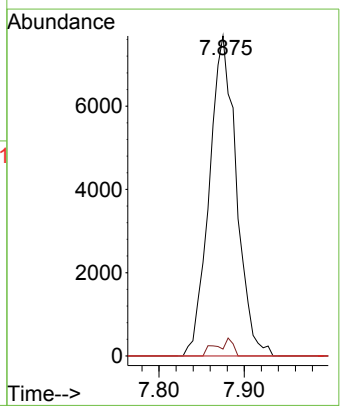


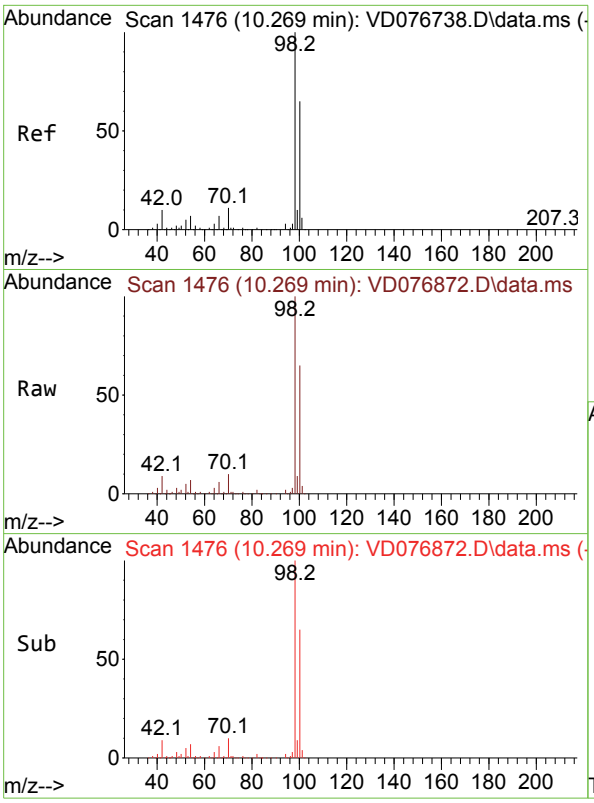


#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion:117 Resp: 17018

Ion	Ratio	Lower	Upper
117	100		
119	2.1	78.0	117.0#
121	0.0	24.2	36.2#



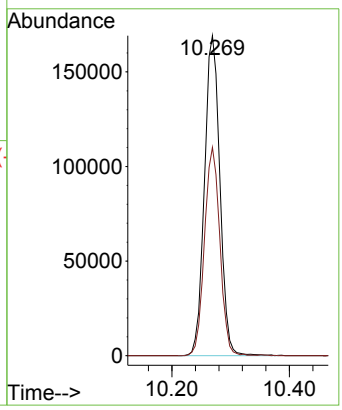


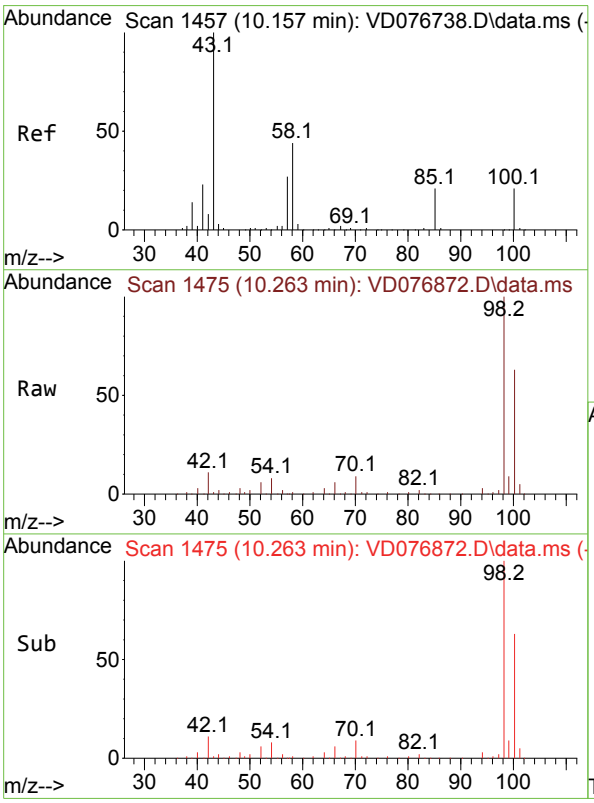
#50
Toluene-d8
Concen: 42.700 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 98 Resp: 308252

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.3	75.5

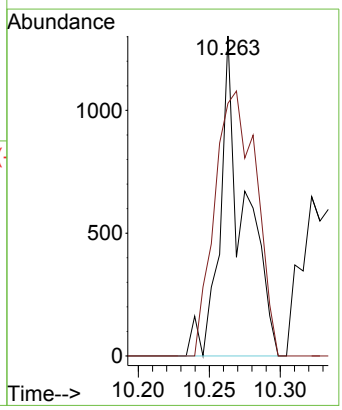


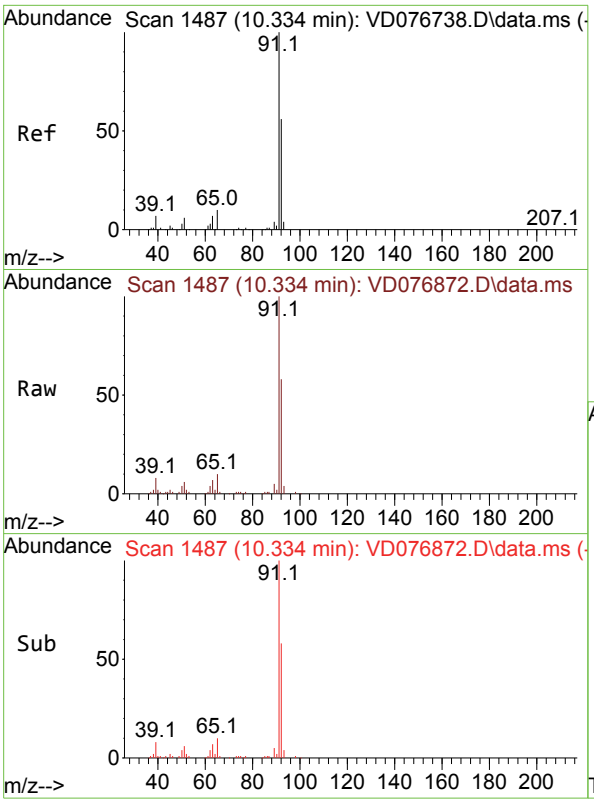


#51
4-Methyl-2-Pentanone
Concen: 1.280 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 43 Resp: 1569

Ion	Ratio	Lower	Upper
43	100		
58	139.2	38.9	58.3#



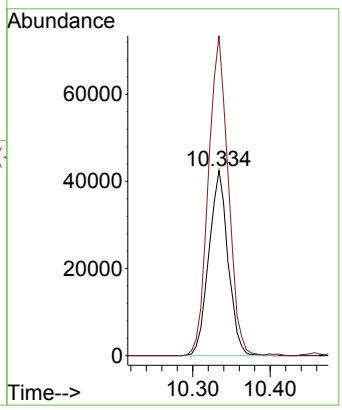


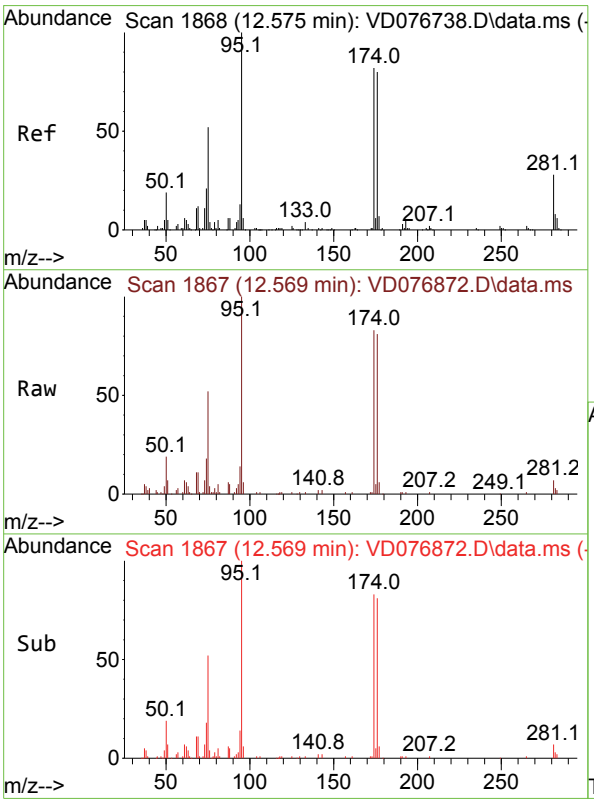
#52
Toluene
Concen: 13.402 ug/l
RT: 10.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 92 Resp: 73237

Ion	Ratio	Lower	Upper
92	100		
91	178.3	143.0	214.4

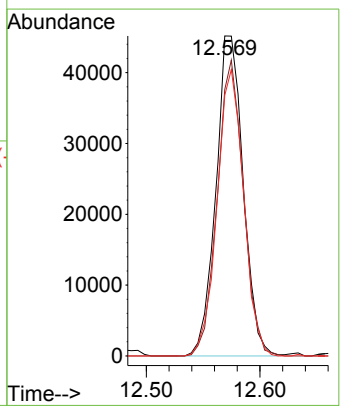


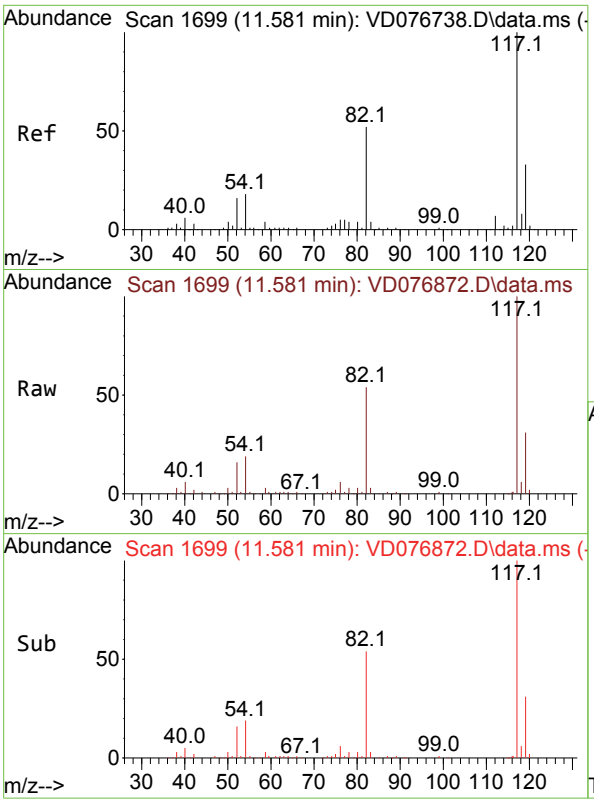


#62
4-Bromofluorobenzene
Concen: 32.333 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 95 Resp: 75508

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	201.8
176	86.9	0.0	191.8



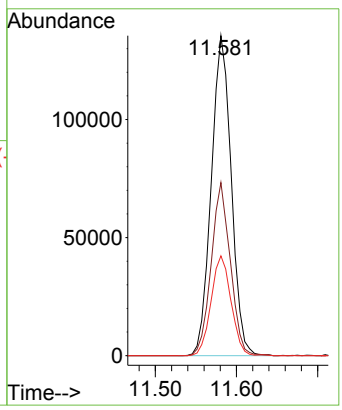


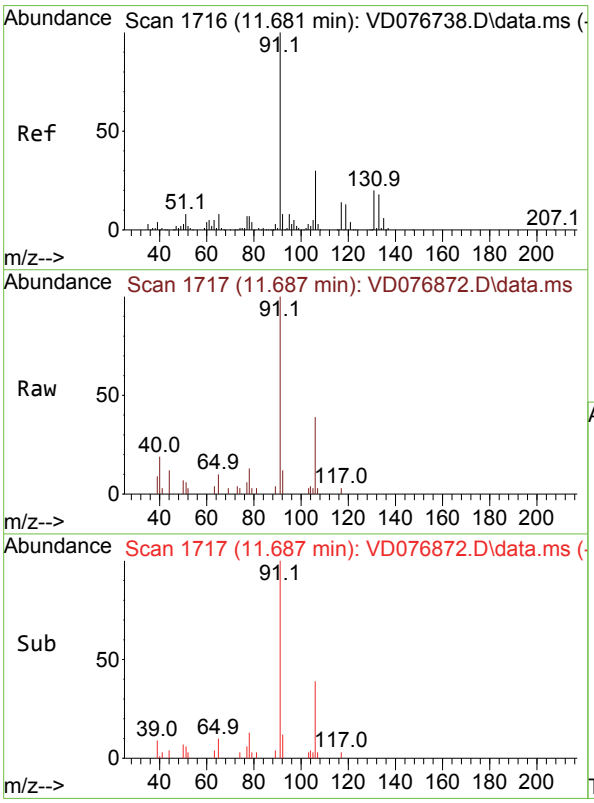
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion:117 Resp: 231624

Ion	Ratio	Lower	Upper
117	100		
82	54.1	38.3	57.5
119	31.2	25.0	37.4

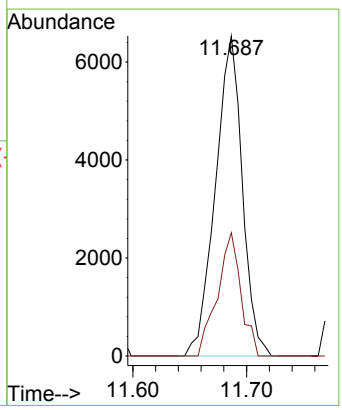


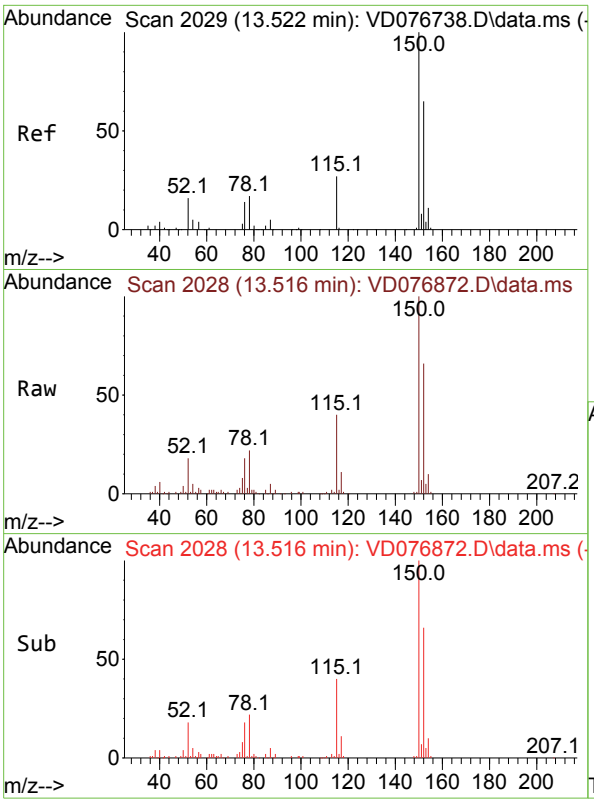


#67
Ethyl Benzene
Concen: 1.312 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 91 Resp: 10737

Ion	Ratio	Lower	Upper
91	100		
106	38.5	26.5	39.7



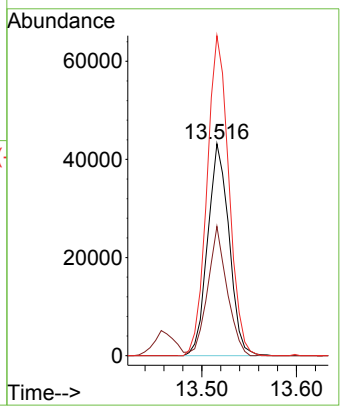


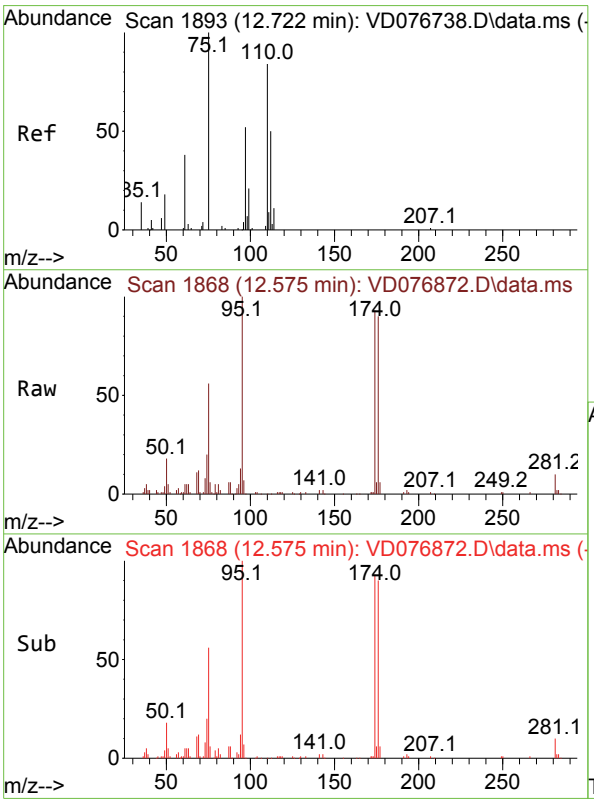
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion:152 Resp: 67621

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.1	81.3
150	154.3	0.0	353.6

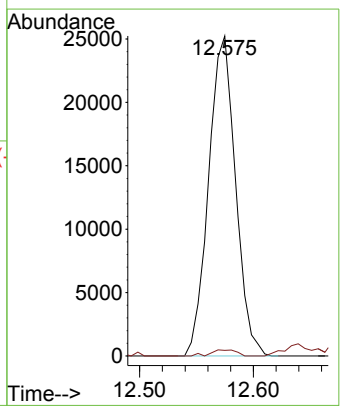


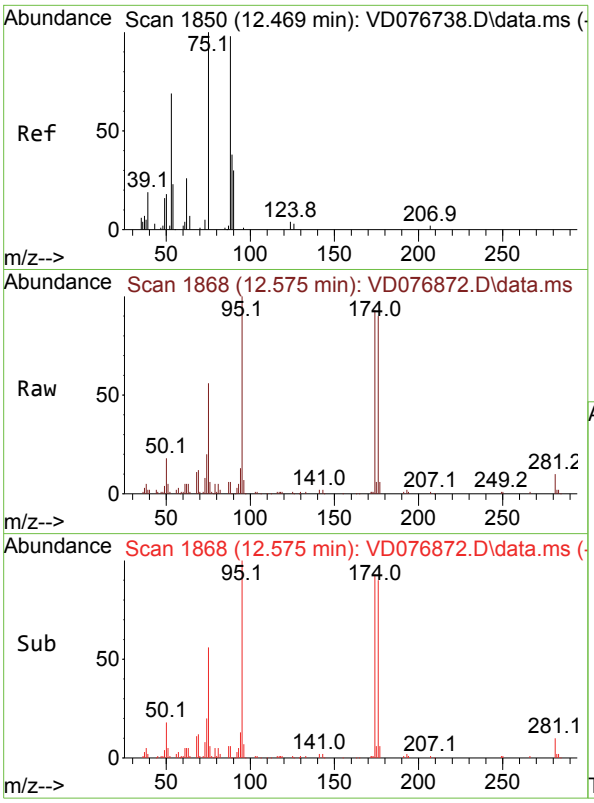


#76
1,2,3-Trichloropropane
Concen: 64.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 75 Resp: 41533

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#



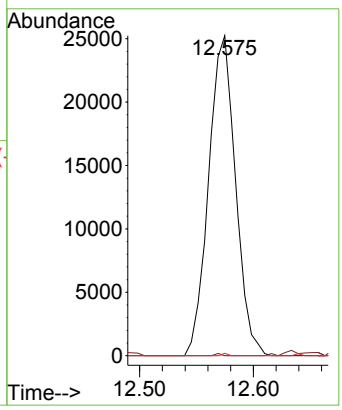


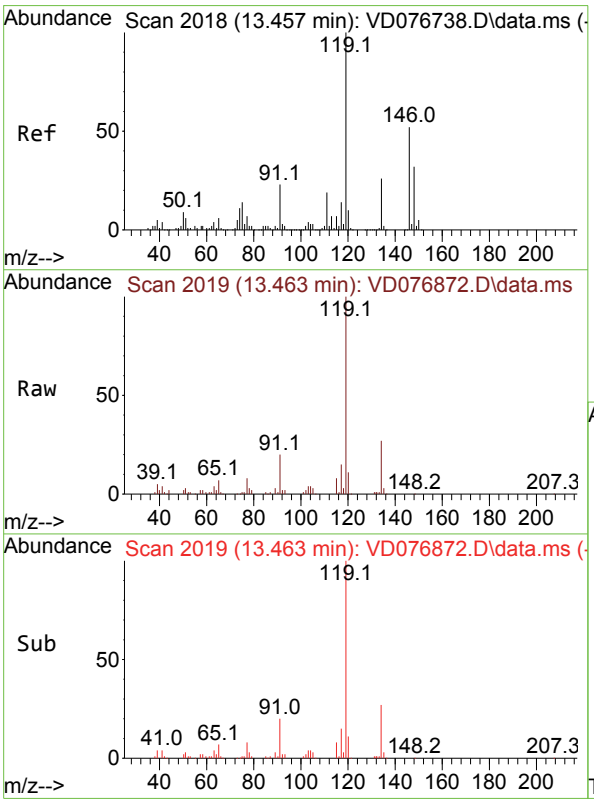
#81
trans-1,4-Dichloro-2-butene
Concen: 137.455 ug/l
RT: 12.575 min Scan# 1
Delta R.T. 0.106 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion: 75 Resp: 41533

Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.2	37.9	56.9#

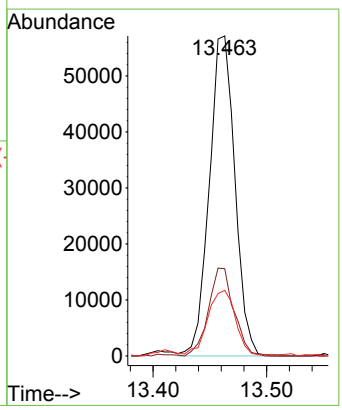


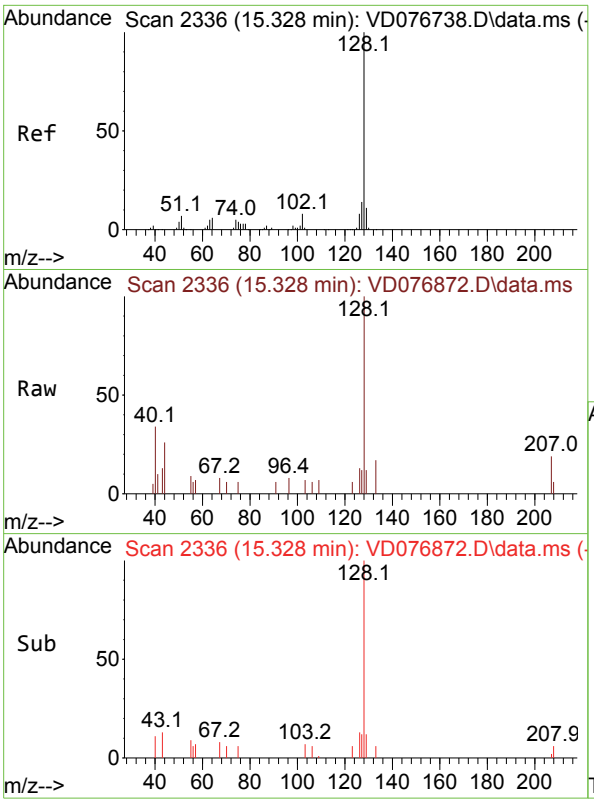


#86
p-Isopropyltoluene
Concen: 20.315 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion:119 Resp: 89534

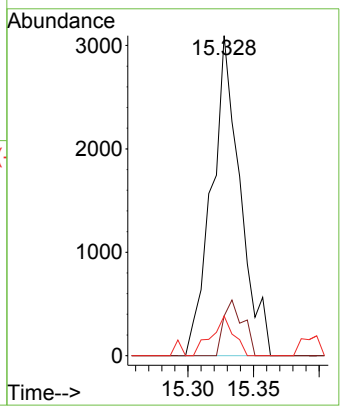
Ion	Ratio	Lower	Upper
119	100		
134	27.1	14.2	42.6
91	21.3	10.5	31.5





#95
Naphthalene
Concen: 1.717 ug/l
RT: 15.328 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

Tgt Ion:128 Resp: 4659

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	12.4	8.7	13.1