Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
Data File : VD072489.D
Acq On : 31 Mar 2022 14:51
Operator : VA/SY
Sample : N2150-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
279

Quant Time: Apr 01 02:50:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	371332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	359600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	194598	43.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.640%			
35) Dibromofluoromethane	7.908	113	218058	42.321	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.640%			
50) Toluene-d8	10.332	98	828576	46.263	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.520%			
62) 4-Bromofluorobenzene	12.626	95	342361	48.946	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.900%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	1256	1.343	ug/l	92
10) Methyl Iodide	4.285	142	709	3.896	ug/l #	90
14) Allyl chloride	4.703	41	595	1.226	ug/l #	49
16) Acetone	4.150	43	3563	4.254	ug/l #	78
17) Carbon Disulfide	4.414	76	3599	4.088	ug/l #	74
20) Methylene Chloride	4.967	84	16392	3.287	ug/l #	75
23) Vinyl Acetate	6.308	43	1386	6.476	ug/l #	75
31) Cyclohexane	7.973	56	9792	1.667	ug/l #	14
36) 1,1-Dichloropropene	7.973	75	31409	5.787	ug/l #	46
39) Methylcyclohexane	9.355	83	2018	3.125	ug/l #	63
41) Methacrylonitrile	7.514	41	55	1.691	ug/l #	5
56) Ethyl methacrylate	10.649	69	191	1.229	ug/l #	11
76) 1,2,3-Trichloropropane	12.626	75	171778	43.798	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	171778	107.473	ug/l #	7

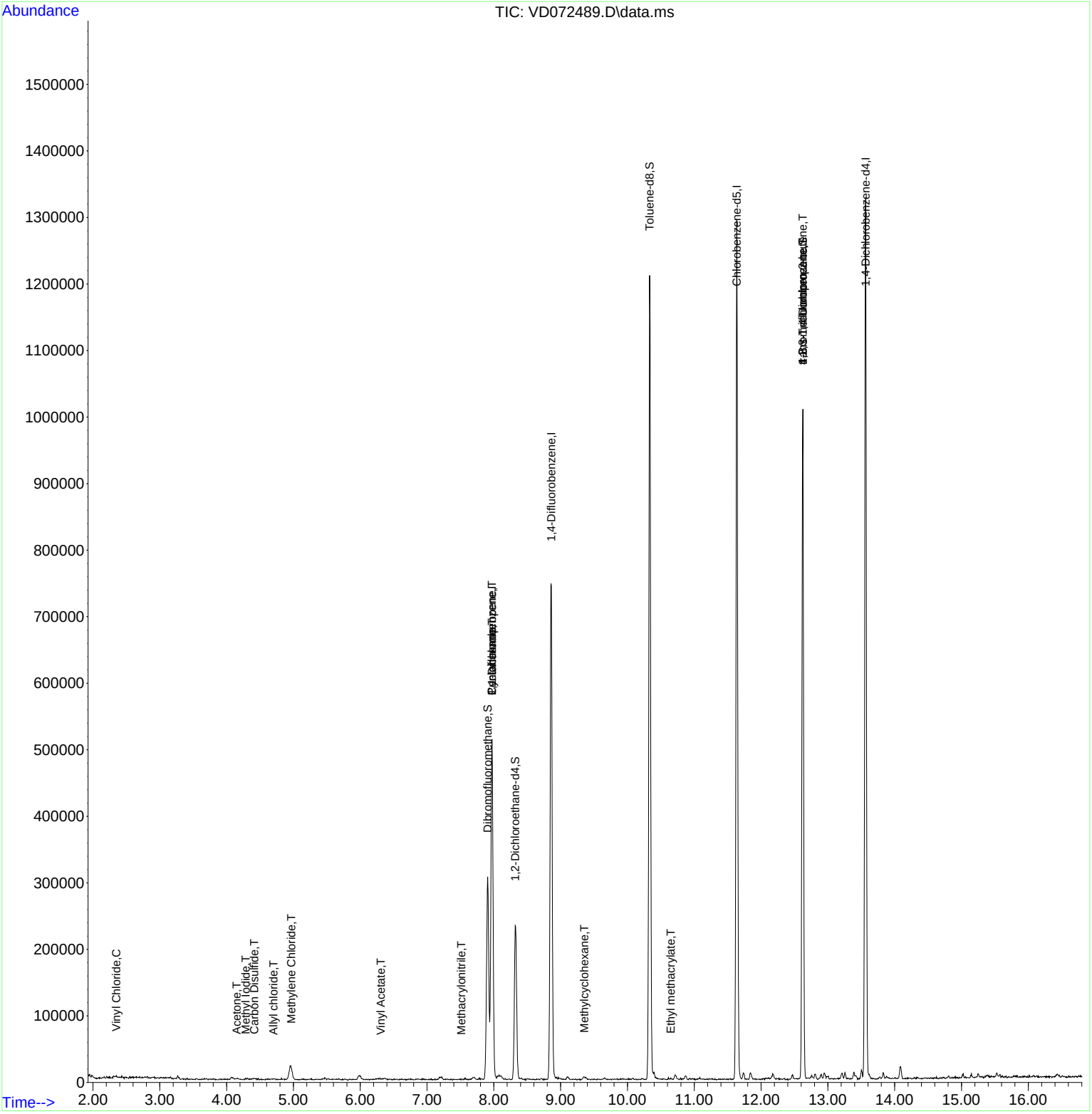
(#) = qualifier out of range (m) = manual integration (+) = signals summed

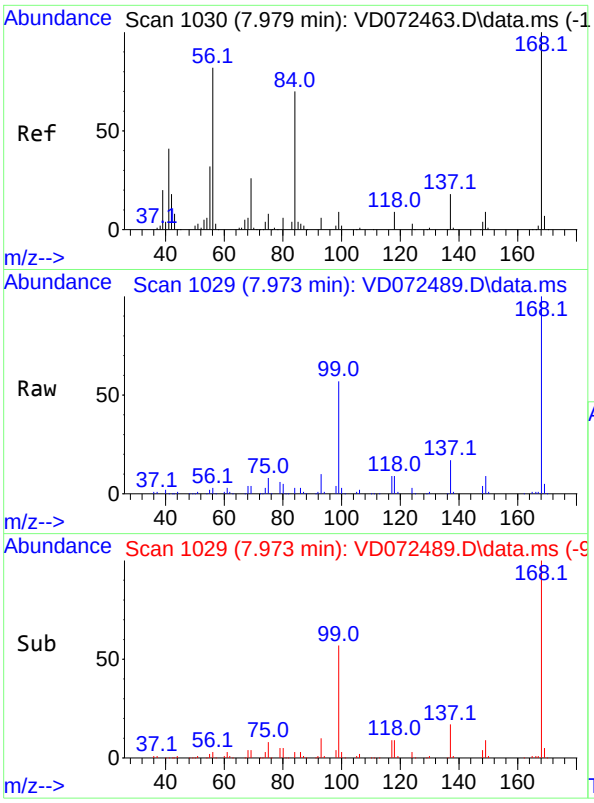
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
Data File : VD072489.D
Acq On : 31 Mar 2022 14:51
Operator : VA/SY
Sample : N2150-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
279

Quant Time: Apr 01 02:50:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration



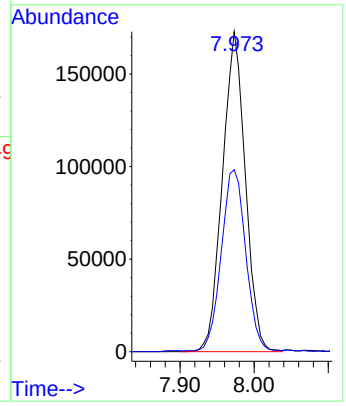


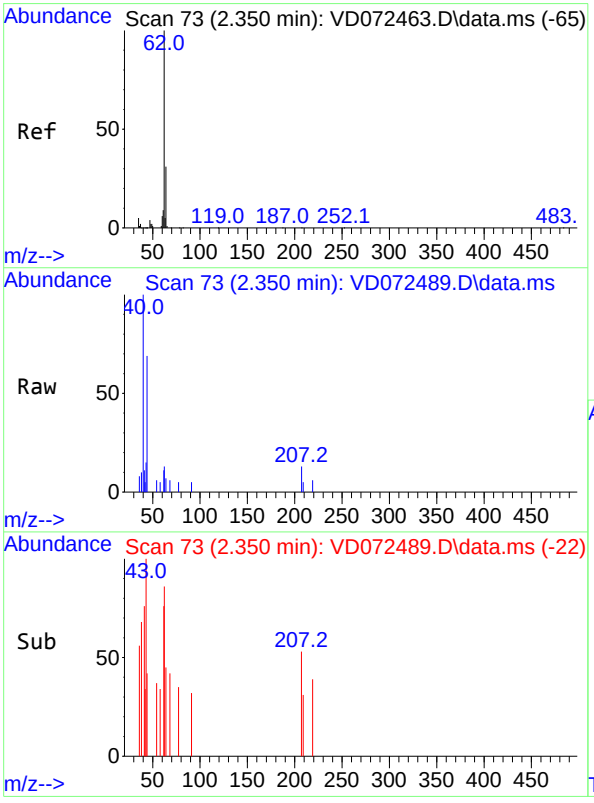
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion:168 Resp: 371332

Ion	Ratio	Lower	Upper
168	100		
99	56.6	49.8	74.6

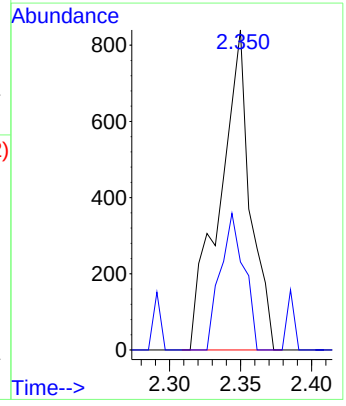


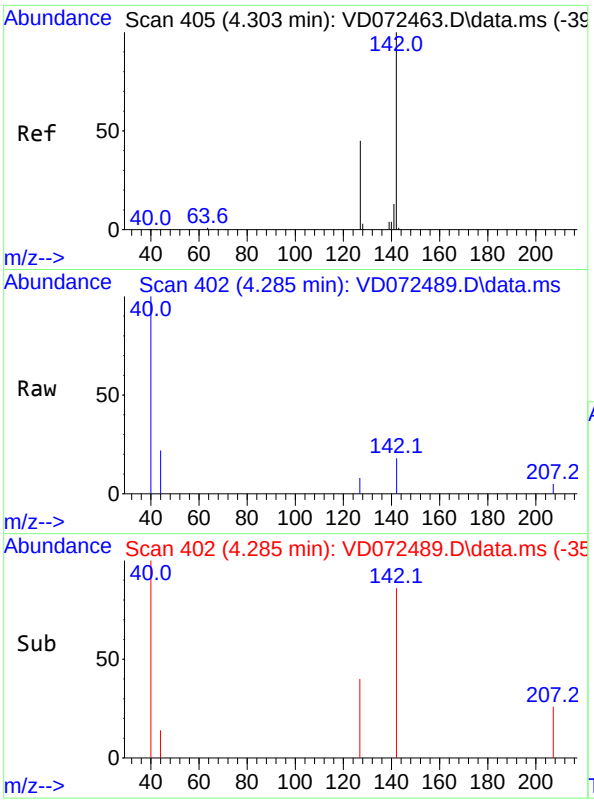


#4
Vinyl Chloride
Concen: 1.343 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 62 Resp: 1256

Ion	Ratio	Lower	Upper
62	100		
64	27.5	25.4	38.0



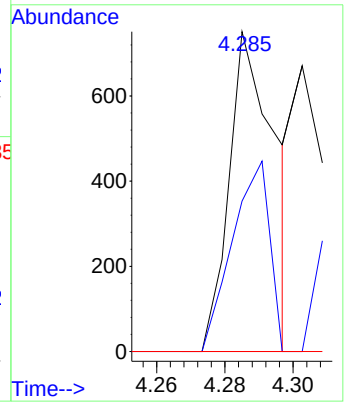


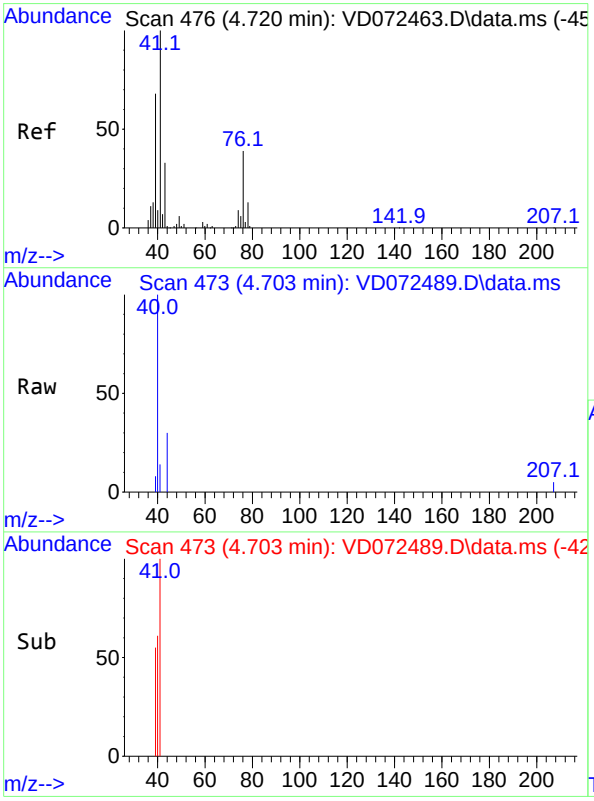
#10
Methyl Iodide
Concen: 3.896 ug/l
RT: 4.285 min Scan# 4(
Delta R.T. -0.018 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion:142 Resp: 709

Ion	Ratio	Lower	Upper
142	100		
127	48.0	37.3	55.9
141	0.0	11.7	17.5#

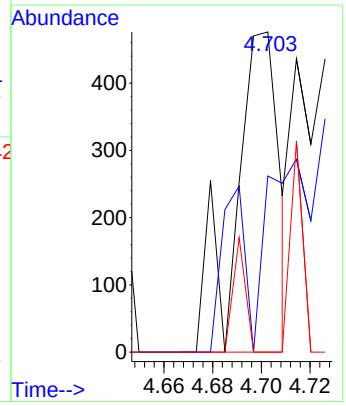


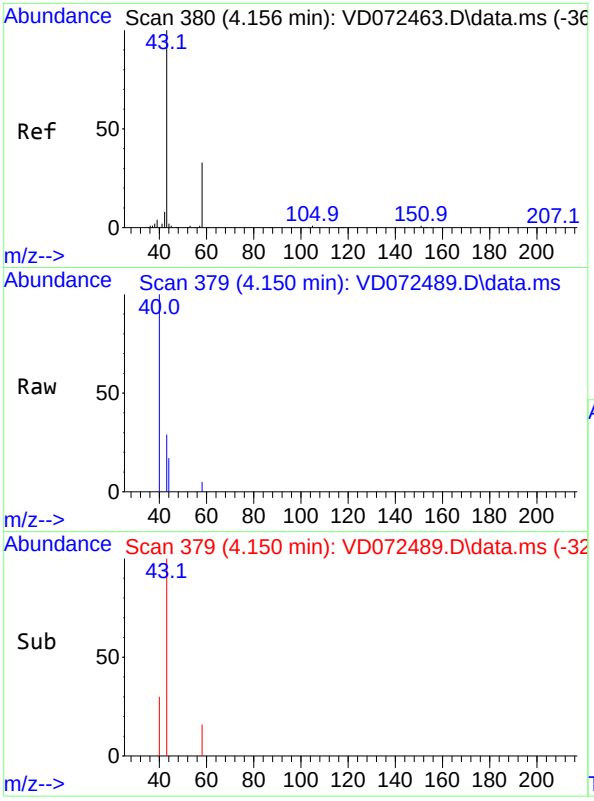


#14
Allyl chloride
Concen: 1.226 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.017 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 41 Resp: 595

Ion	Ratio	Lower	Upper
41	100		
39	27.2	59.3	88.9#
76	10.1	25.7	38.5#



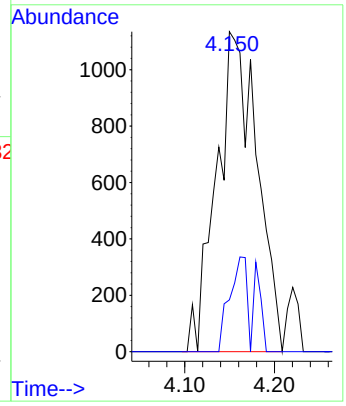


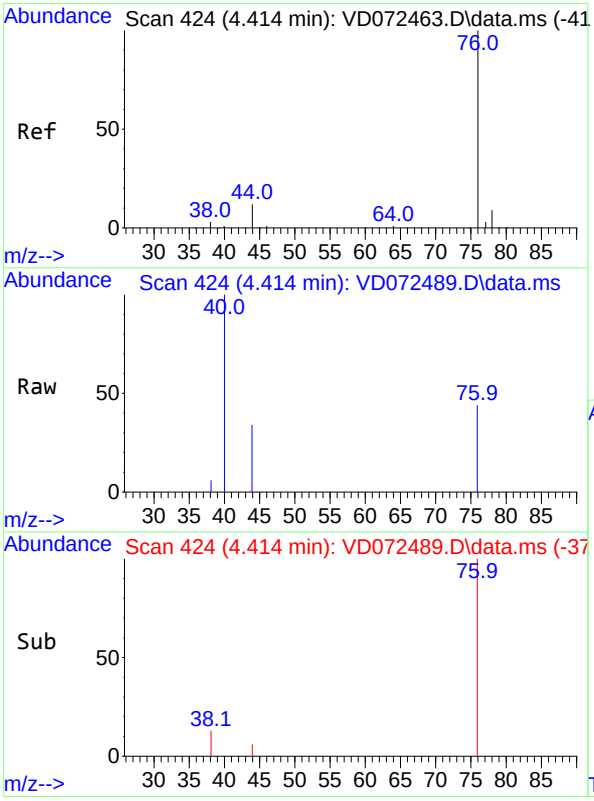
#16
Acetone
Concen: 4.254 ug/l
RT: 4.150 min Scan# 3
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 43 Resp: 3563

Ion	Ratio	Lower	Upper
43	100		
58	16.2	22.1	33.1#

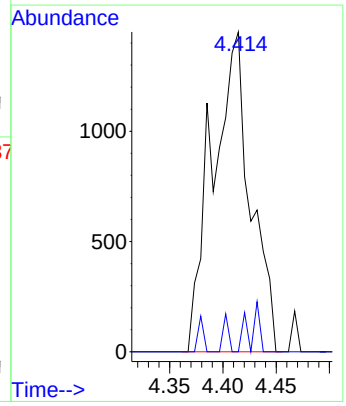


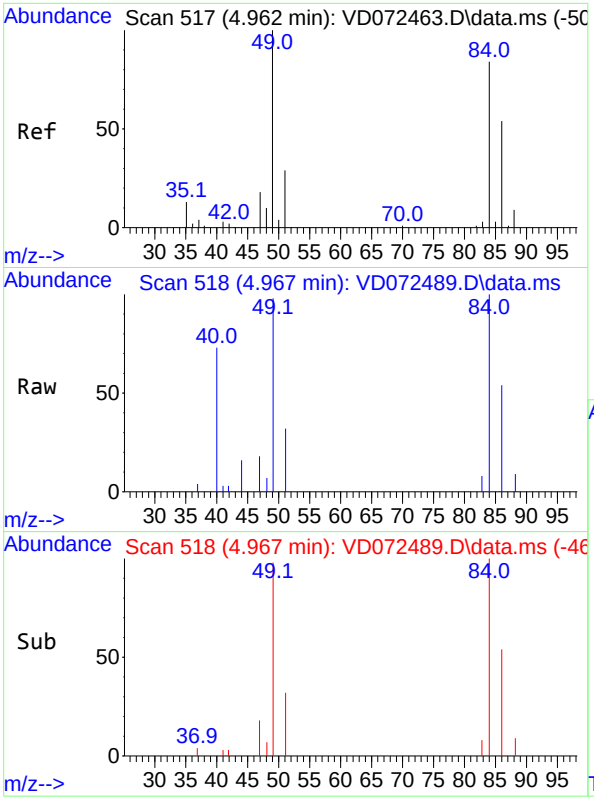


#17
Carbon Disulfide
Concen: 4.088 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 76 Resp: 3599

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



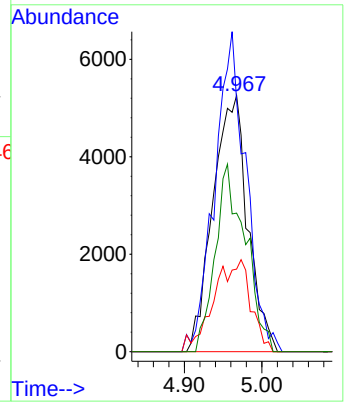


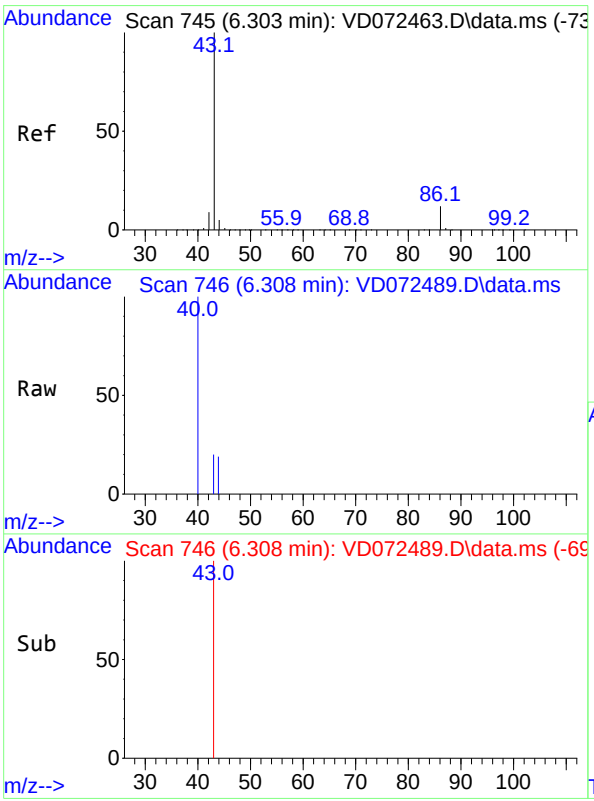
#20
Methylene Chloride
Concen: 3.287 ug/l
RT: 4.967 min Scan# 5
Delta R.T. 0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 84 Resp: 16392

Ion	Ratio	Lower	Upper
84	100		
49	98.0	112.8	169.2#
51	32.2	32.6	48.8#
86	54.1	47.9	71.9

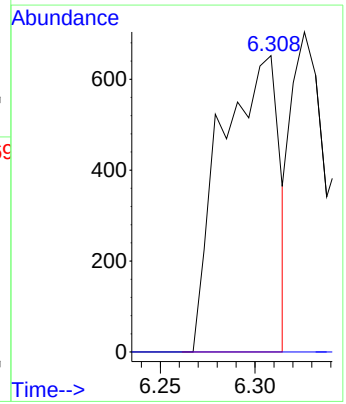


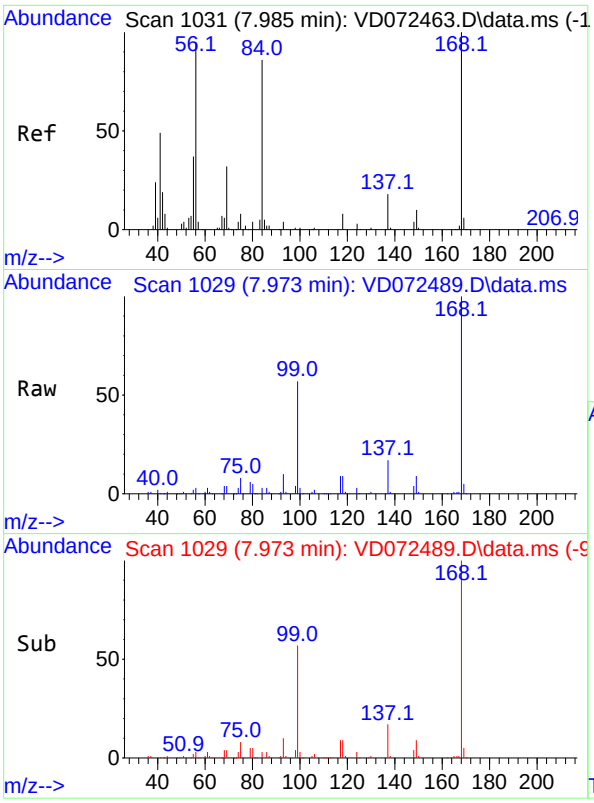


#23
Vinyl Acetate
Concen: 6.476 ug/l
RT: 6.308 min Scan# 746
Delta R.T. 0.005 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 43 Resp: 1386

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



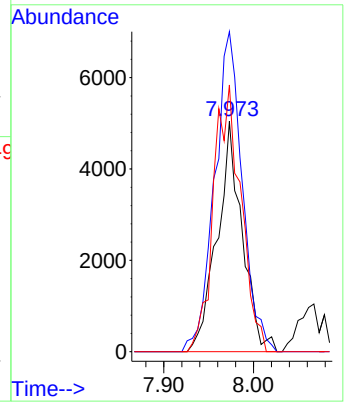


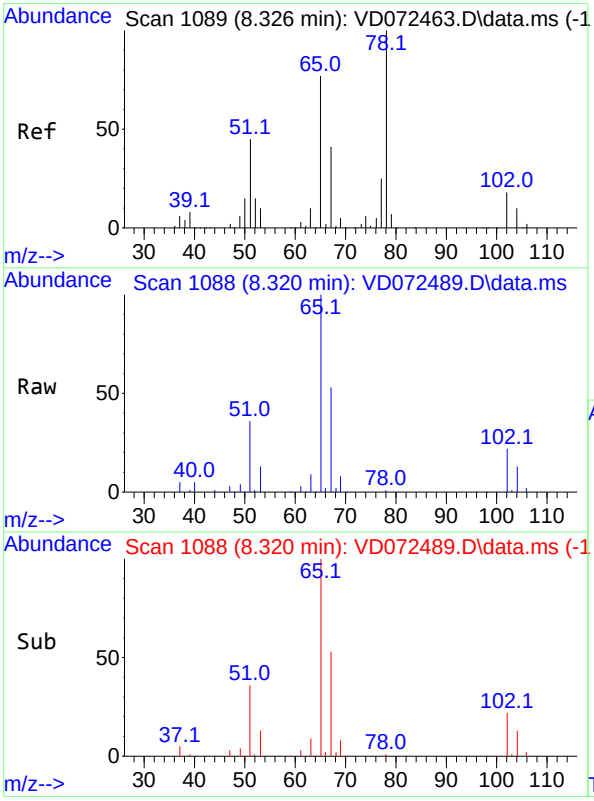
#31
Cyclohexane
Concen: 1.667 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 56 Resp: 9792

Ion	Ratio	Lower	Upper
56	100		
69	138.9	25.4	38.2#
84	115.7	63.0	94.4#

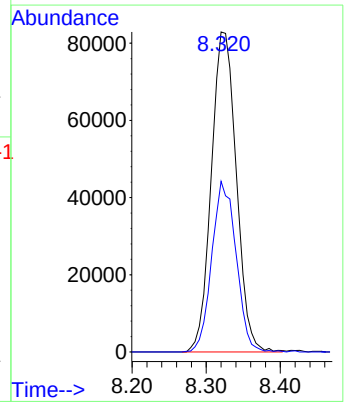


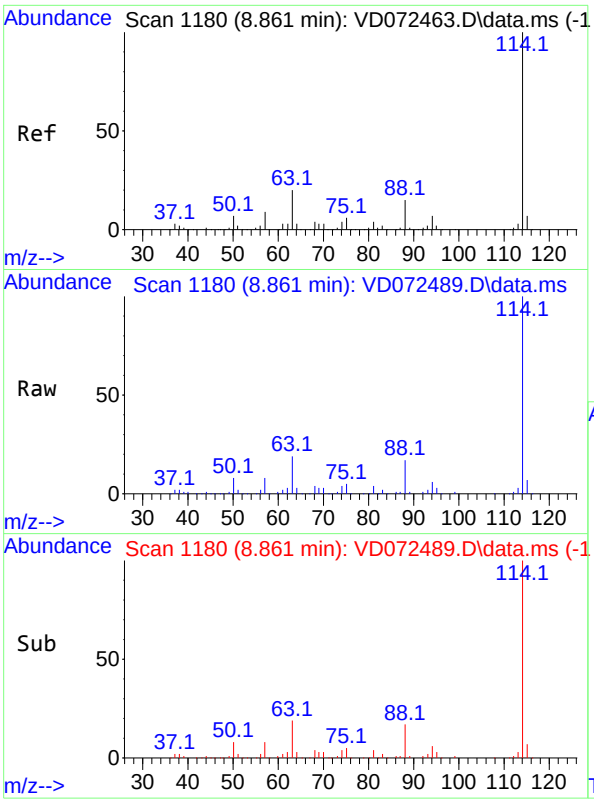


#33
1,2-Dichloroethane-d4
Concen: 43.321 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 65 Resp: 194598

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.4



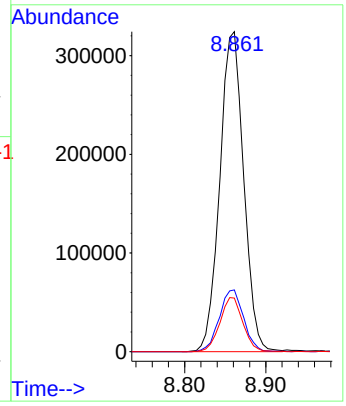


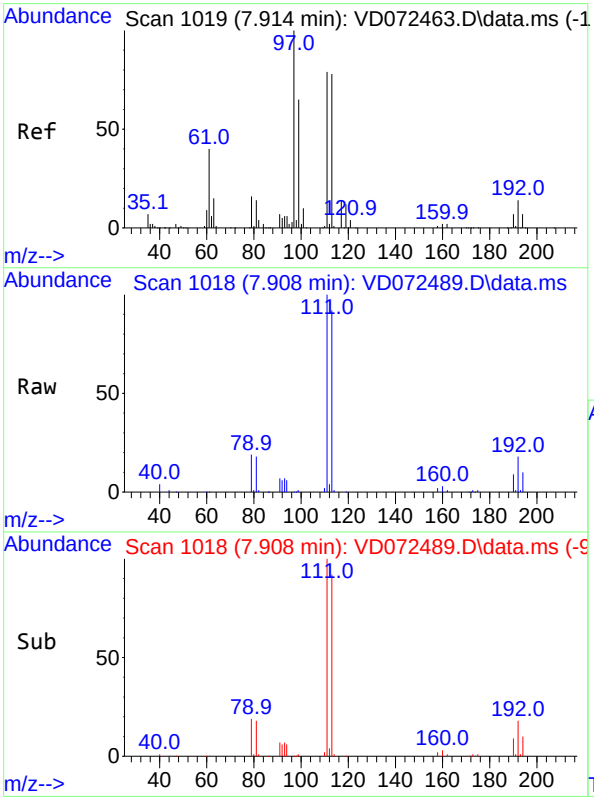
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion:114 Resp: 663000

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	46.6
88	16.7	0.0	33.2

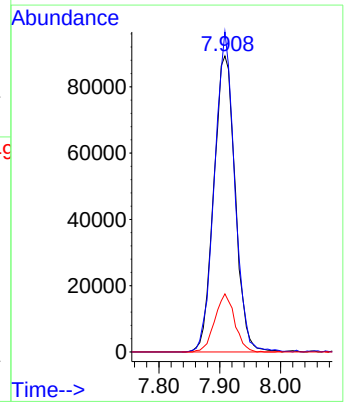


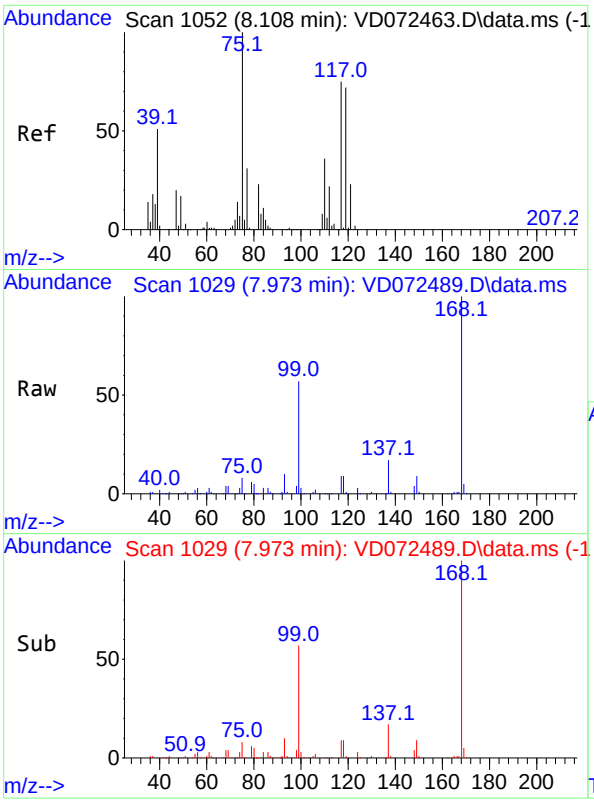


#35
Dibromofluoromethane
Concen: 42.321 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion:113 Resp: 218058

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.8	125.6
192	18.2	14.6	21.8



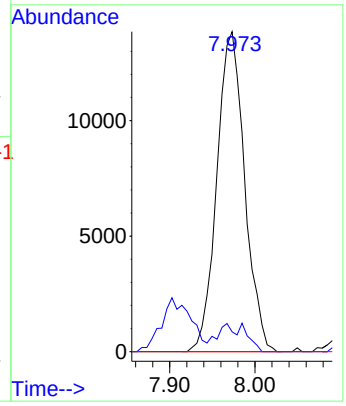


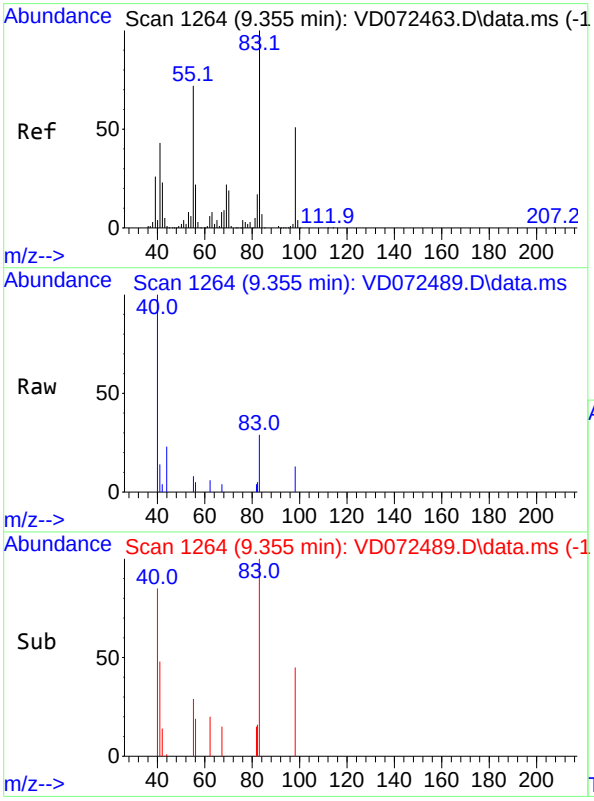
#36
1,1-Dichloropropene
Concen: 5.787 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.135 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 75 Resp: 31409

Ion	Ratio	Lower	Upper
75	100		
110	3.1	16.4	49.1#
77	0.0	24.2	36.2#

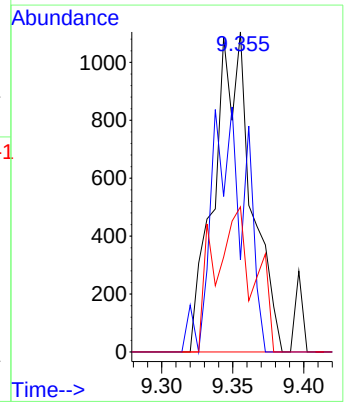


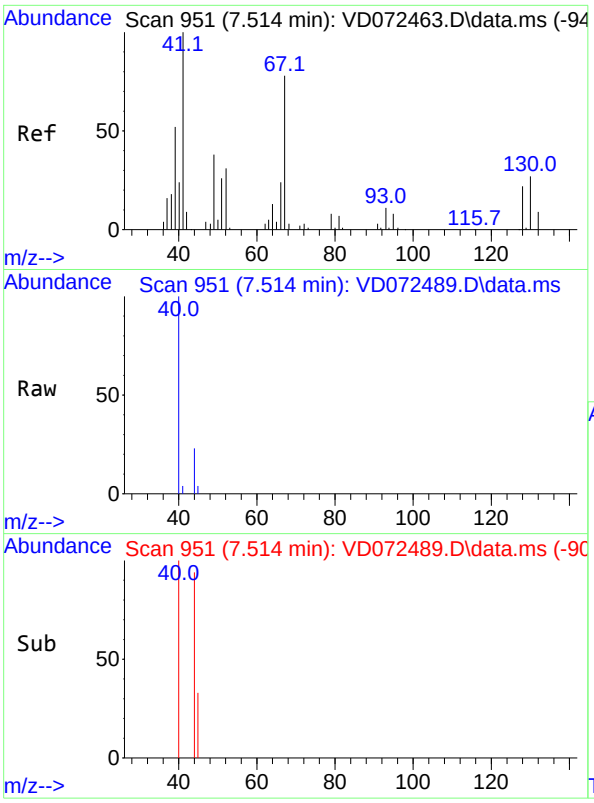


#39
Methylcyclohexane
Concen: 3.125 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 83 Resp: 2018

Ion	Ratio	Lower	Upper
83	100		
55	28.8	63.2	94.8#
98	45.3	38.2	57.4



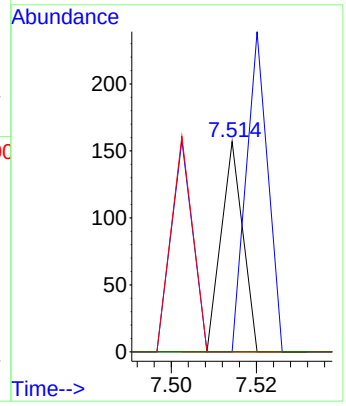


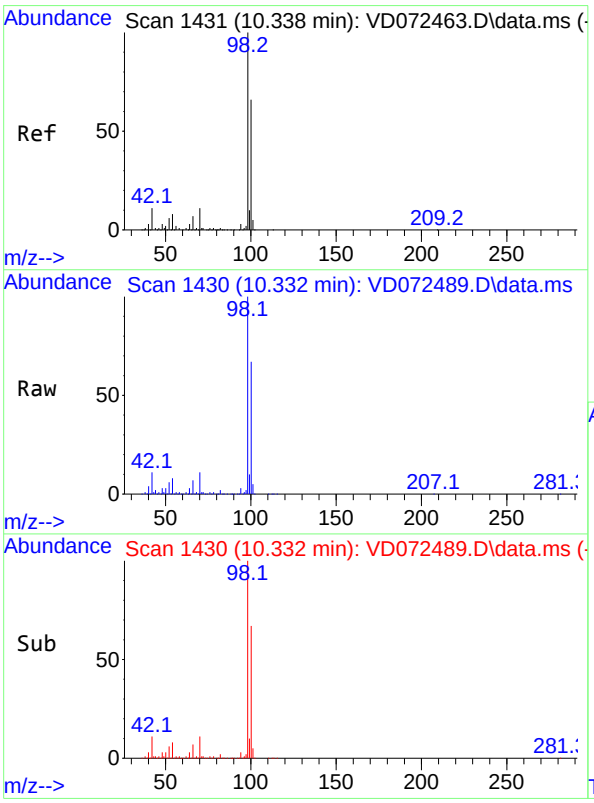
#41
Methacrylonitrile
Concen: 1.691 ug/l
RT: 7.514 min Scan# 9
Delta R.T. 0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 41 Resp: 55

Ion	Ratio	Lower	Upper
41	100		
39	152.7	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#

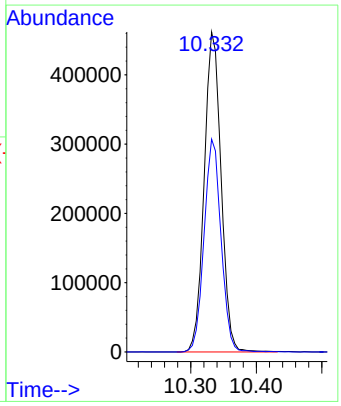


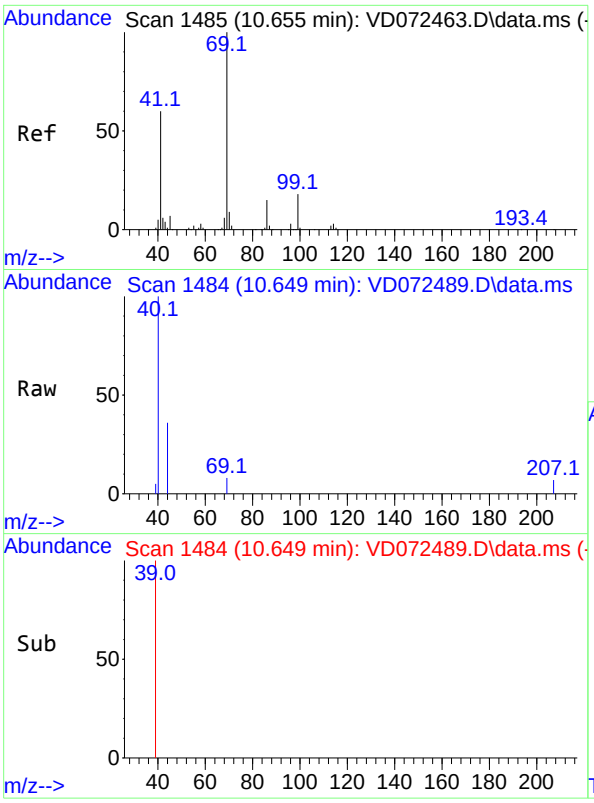


#50
Toluene-d8
Concen: 46.263 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 98 Resp: 828576

Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6



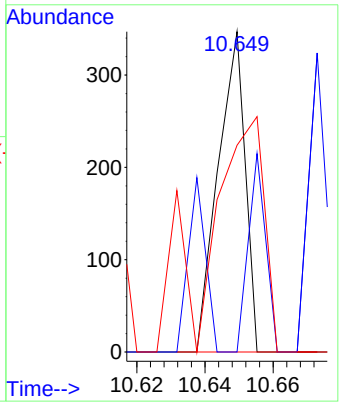


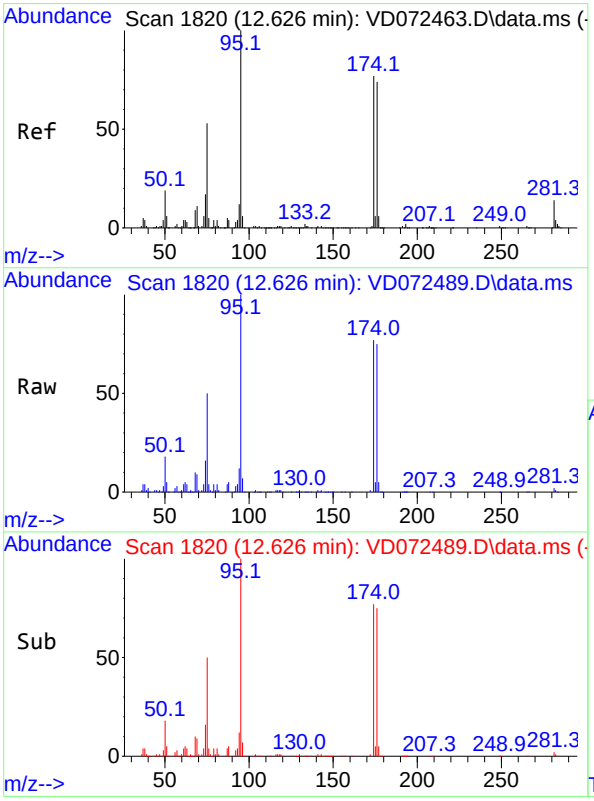
#56
Ethyl methacrylate
Concen: 1.229 ug/l
RT: 10.649 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 69 Resp: 191

Ion	Ratio	Lower	Upper
69	100		
41	39.8	63.0	94.6#
39	151.3	33.8	50.8#

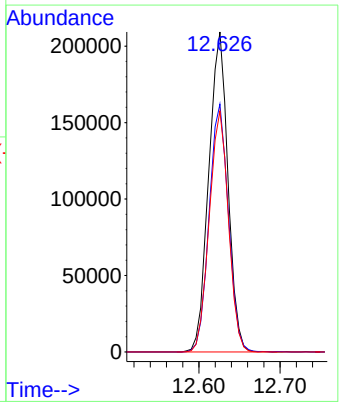


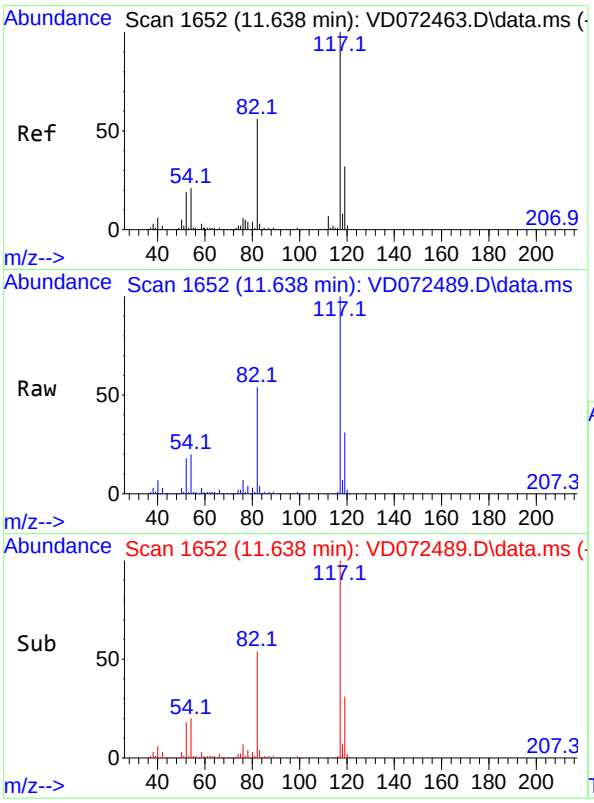


#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 95 Resp: 342361

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	152.8
176	75.3	0.0	145.4



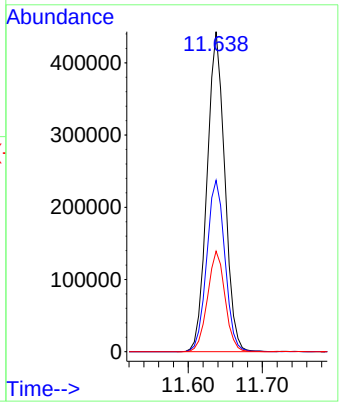


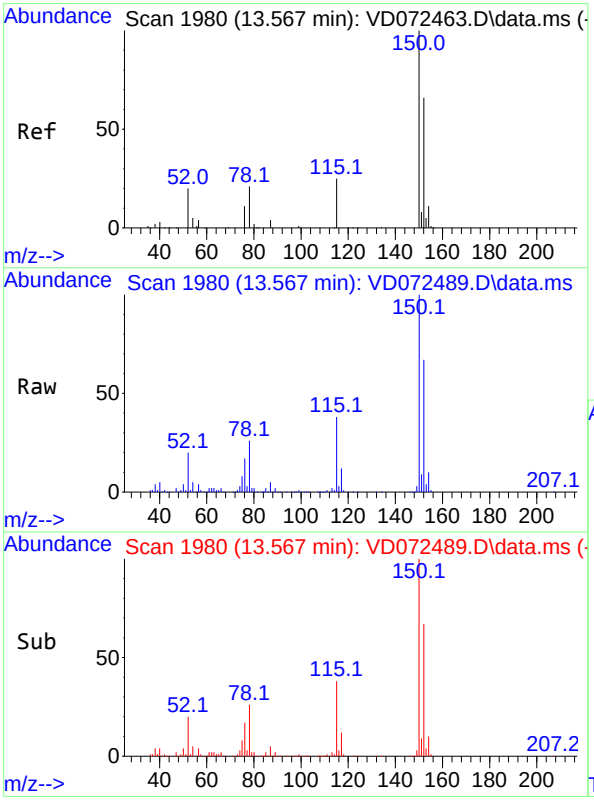
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion:117 Resp: 735166

Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	31.4	26.6	40.0

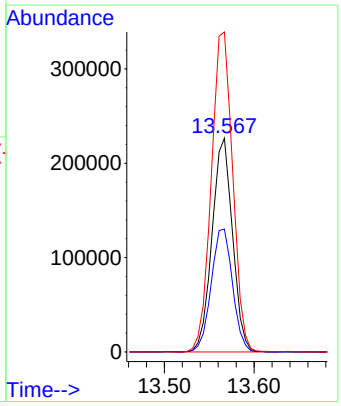


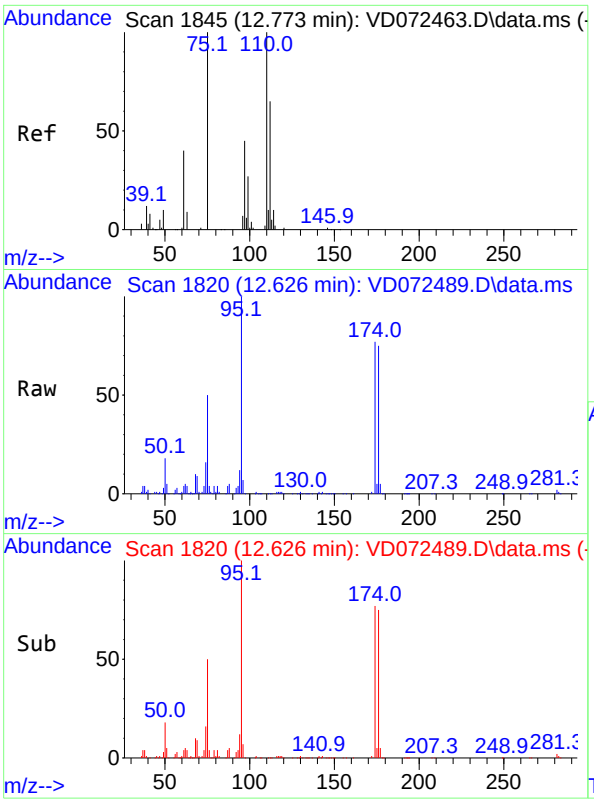


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion:152 Resp: 359600

Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	156.2	0.0	348.6



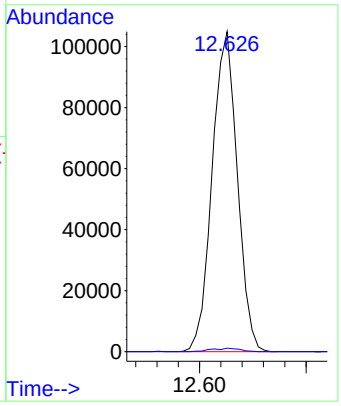


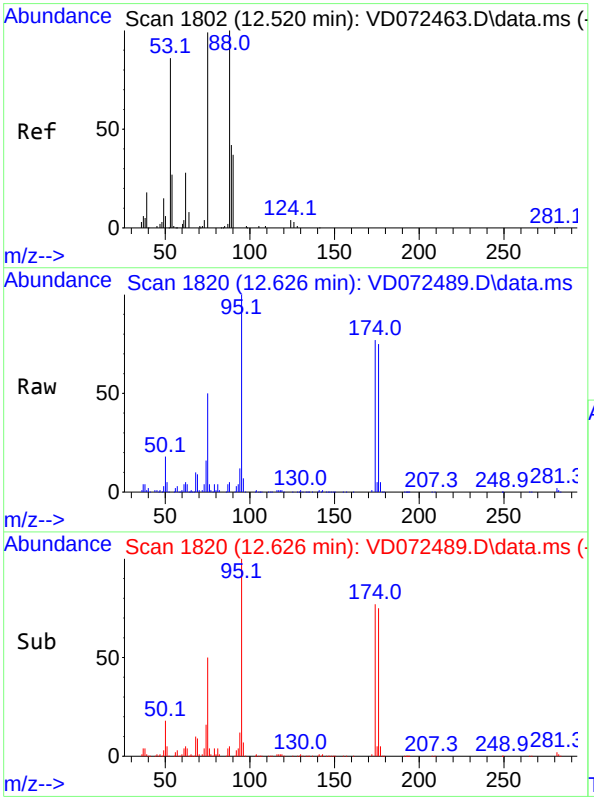
#76
1,2,3-Trichloropropane
Concen: 43.798 ug/l
RT: 12.626 min Scan# 1
Delta R.T. -0.147 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion: 75 Resp: 171778

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.473 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 75 Resp: 171778

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.5	129.7#
89	0.1	33.9	50.9#