Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
Data File : VD077723.D
Acq On : 01 Dec 2023 14:53
Operator : JC/SY
Sample : 04929-12
Misc : 2.76G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 04 03:10:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 04 03:09:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	76503	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	54646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	14391	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	53978	25.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.480%			
7) Chloroethane-d5	2.811	69	52251	31.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.680%			
11) 1,1-Dichloroethene-d2	3.928	65	12922	23.888	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.560%			
21) 2-Butanone-d5	6.987	46	65616	248.852	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 497.700%#			
24) Chloroform-d	7.575	84	68970	33.450	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 133.800%			
26) 1,2-Dichloroethane-d4	8.234	65	55075	52.719	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 210.880%#			
32) Benzene-d6	8.205	84	126281	38.370	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 153.480%#			
36) 1,2-Dichloropropane-d6	9.210	67	48039	47.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 191.360%#			
41) Toluene-d8	10.275	98	85806	28.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.320%			
43) trans-1,3-Dichloroprop...	10.528	79	22858	51.475	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 205.920%#			
47) 2-Hexanone-d5	10.875	63	47495	274.478	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 548.960%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	46375	63.909	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 255.640%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	13956	27.108	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.440%			
Target Compounds						Qvalue
6) Bromomethane	2.699	94	538	0.465	ug/L	92
13) Acetone	4.034	43	9289	27.496	ug/L	88
15) Methyl Acetate	4.564	43	216	0.447	ug/L #	52
22) 2-Butanone	7.093	43	2598	6.833	ug/L #	80
27) 1,2-Dichloroethane	8.193	62	393	0.312	ug/L #	72
34) Trichloroethene	8.781	95	2424	2.745	ug/L #	5
35) Methylcyclohexane	9.210	83	10688	6.819	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	5064	5.461	ug/L #	87
44) trans-1,3-Dichloropropene	10.534	75	1317	1.089	ug/L	90
65) 1,4-Dichlorobenzene	13.540	146	789	0.819	ug/L #	59
67) 1,2-Dichlorobenzene	13.828	146	484	0.579	ug/L	93
71) Naphthalene	15.322	128	494	0.503	ug/L #	69

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

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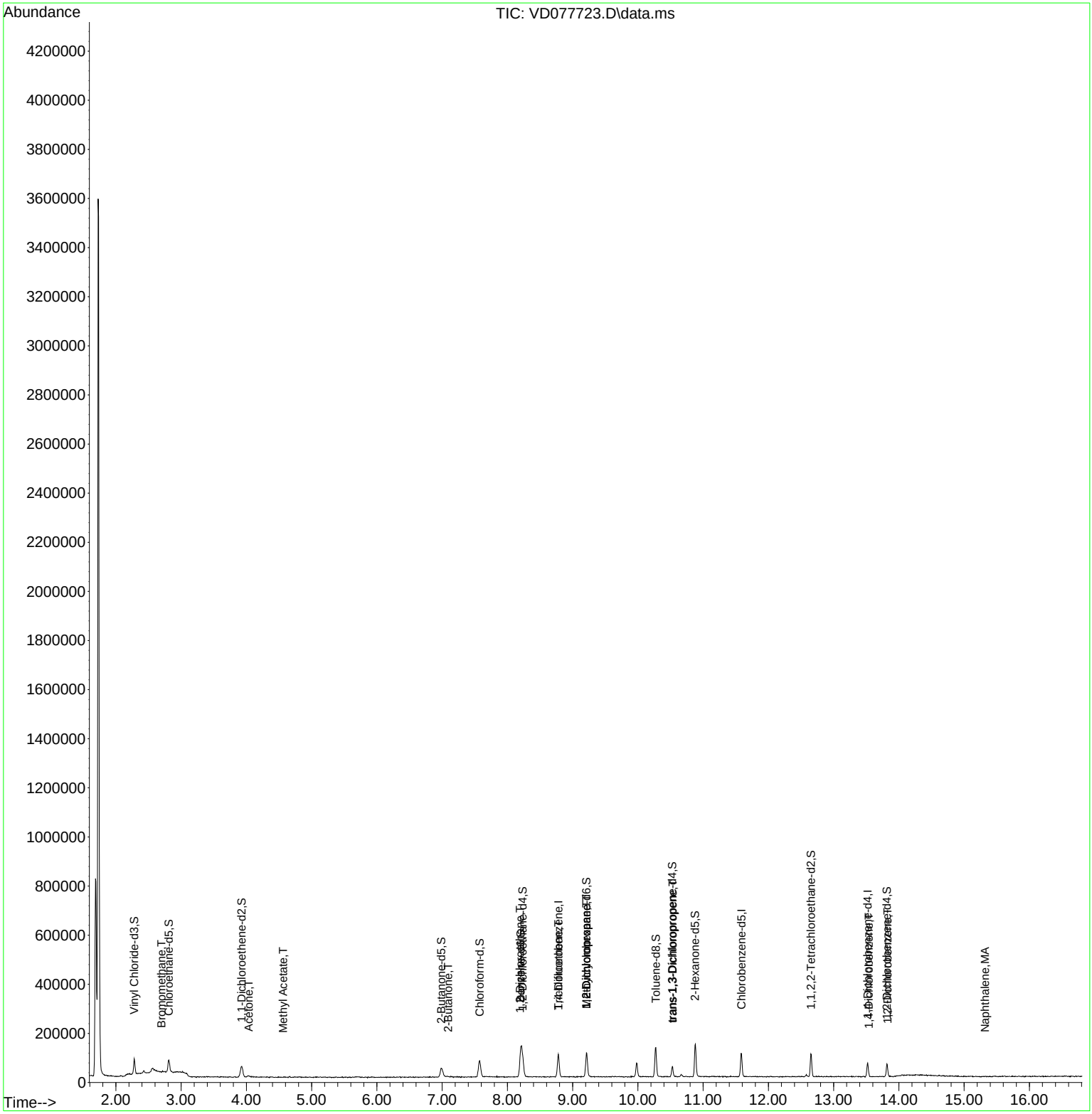
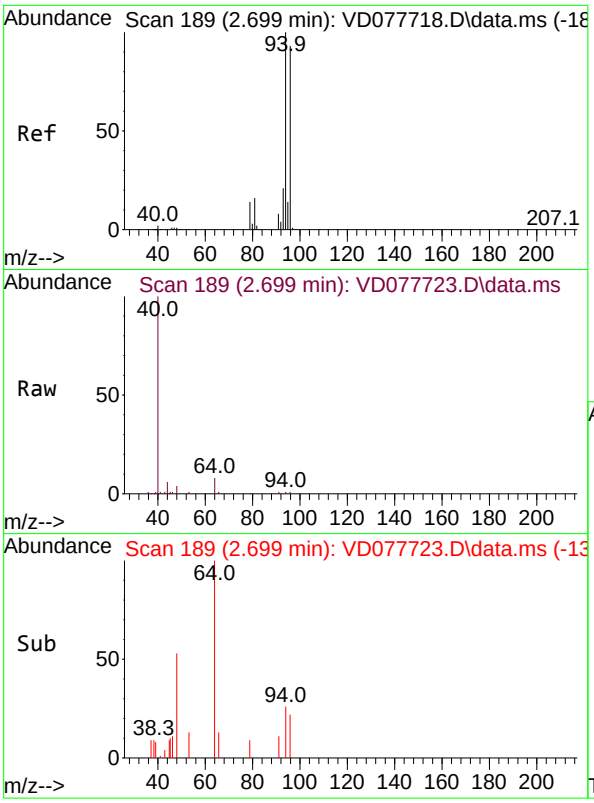
Quant Title : SFAM01.0
QLast Update : Mon Dec 04 03:09:24 2023
Response via : Initial Calibration



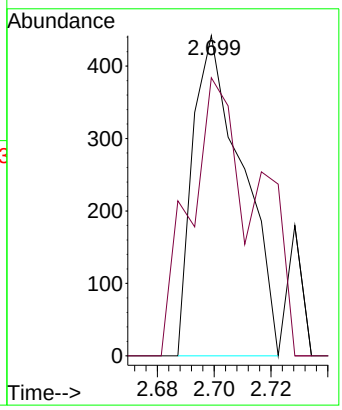


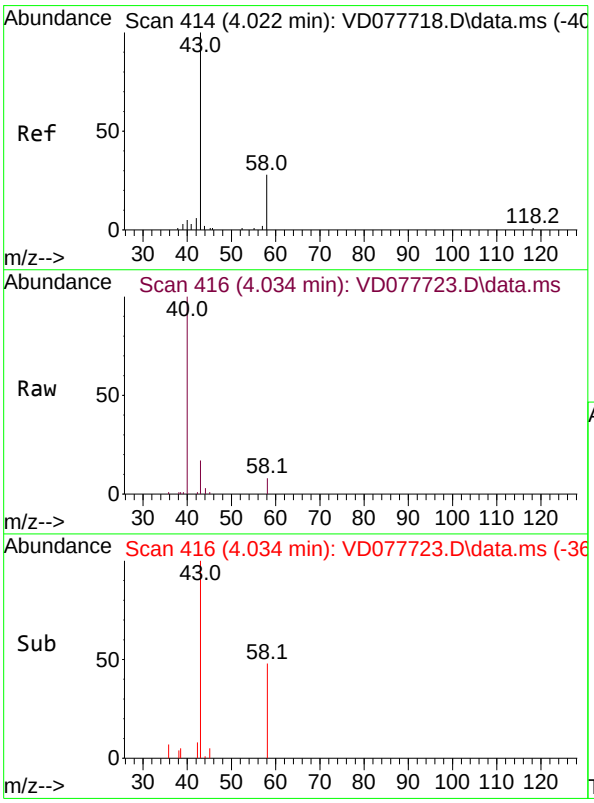
#6
Bromomethane
Concen: 0.465 ug/L
RT: 2.699 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 538

Ion	Ratio	Lower	Upper
94	100		
96	86.9	66.0	122.6

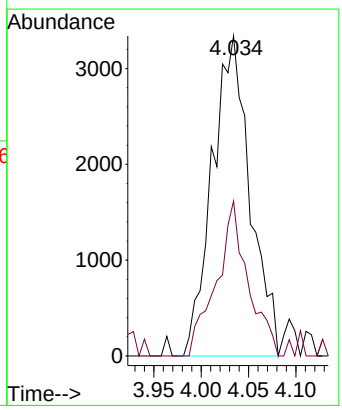


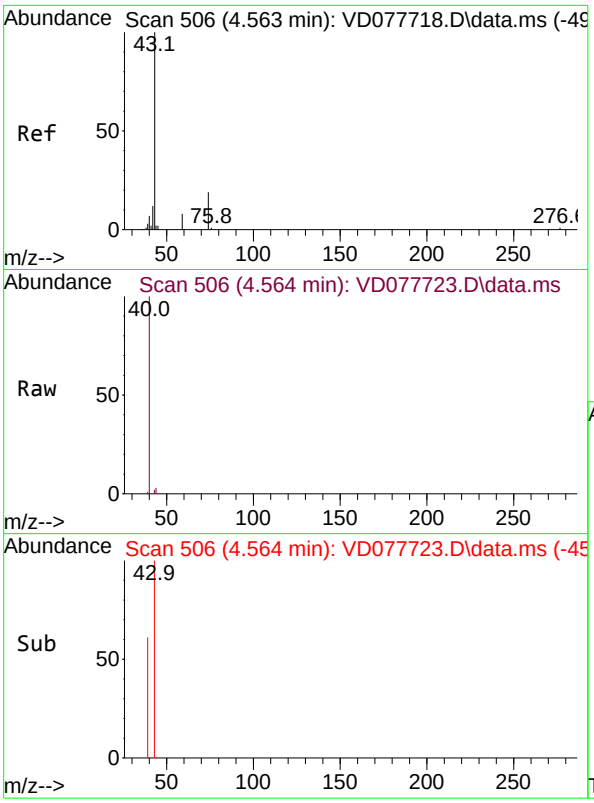


#13
Acetone
Concen: 27.496 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Tgt Ion: 43 Resp: 9289

Ion	Ratio	Lower	Upper
43	100		
58	40.3	0.0	67.2



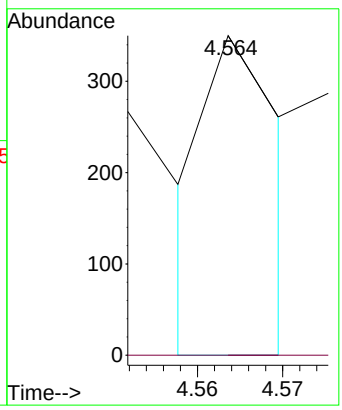


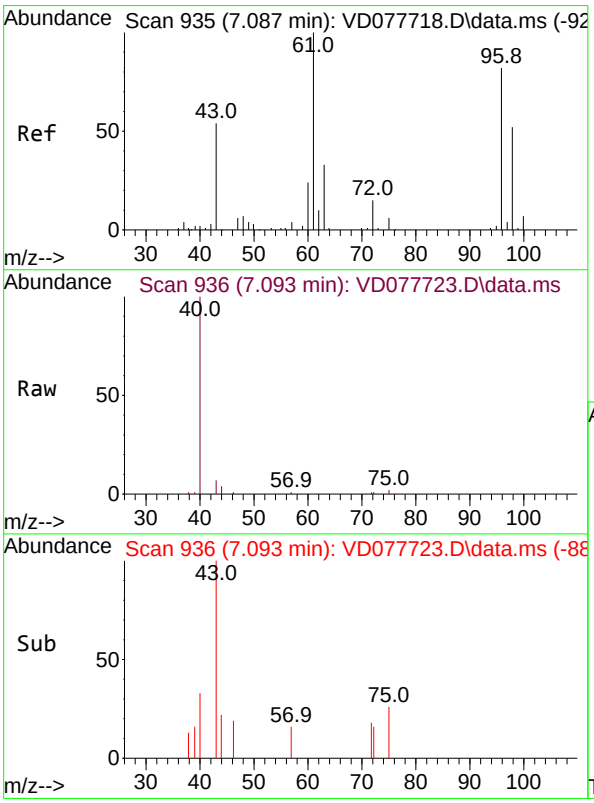
#15
Methyl Acetate
Concen: 0.447 ug/L
RT: 4.564 min Scan# 5(
Delta R.T. 0.000 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 216

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

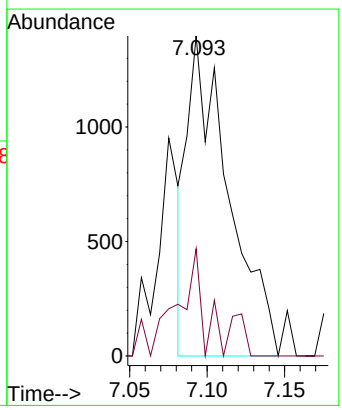


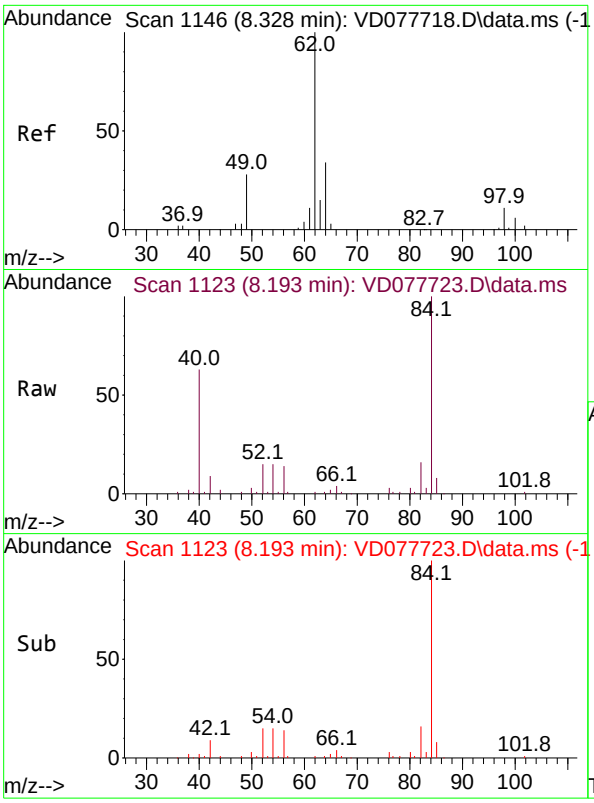


#22
2-Butanone
Concen: 6.833 ug/L
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Tgt Ion: 43 Resp: 2598

Ion	Ratio	Lower	Upper
43	100		
72	6.4	7.2	21.6#



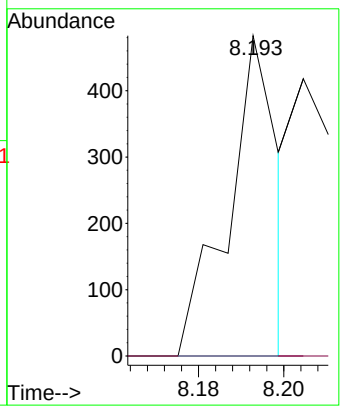


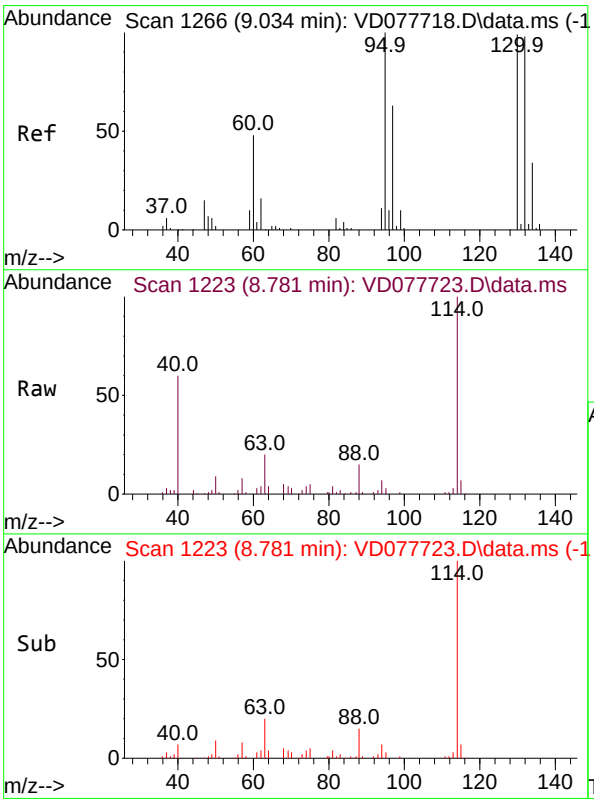
#27
1,2-Dichloroethane
Concen: 0.312 ug/L
RT: 8.193 min Scan# 11
Delta R.T. -0.135 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 62 Resp: 393

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#

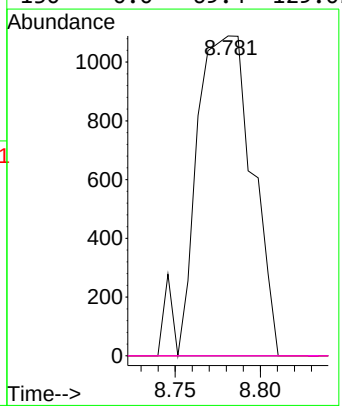


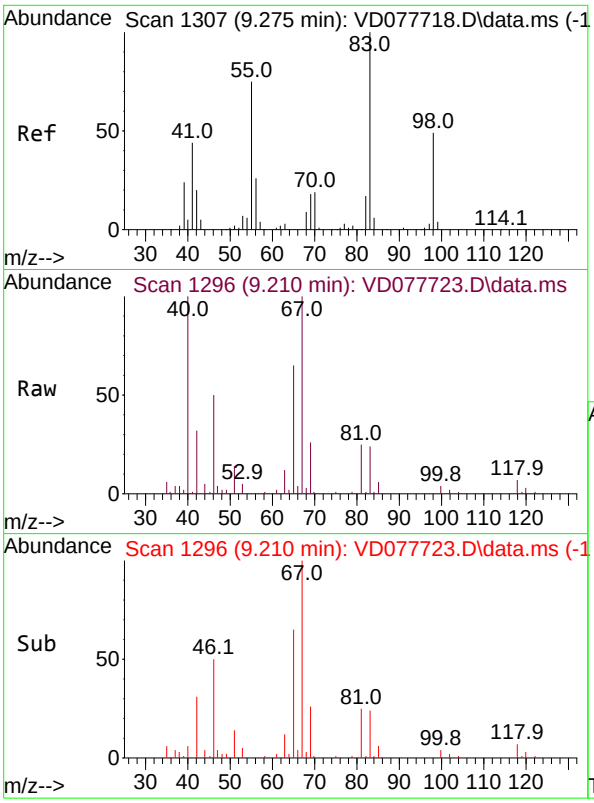


#34
Trichloroethene
Concen: 2.745 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Tgt Ion: 95 Resp: 2424

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#



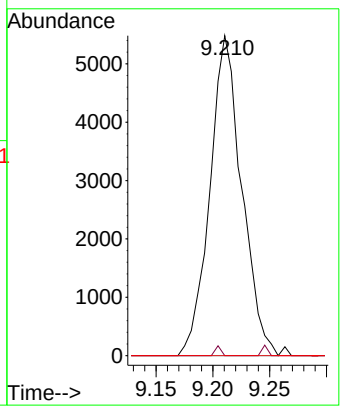


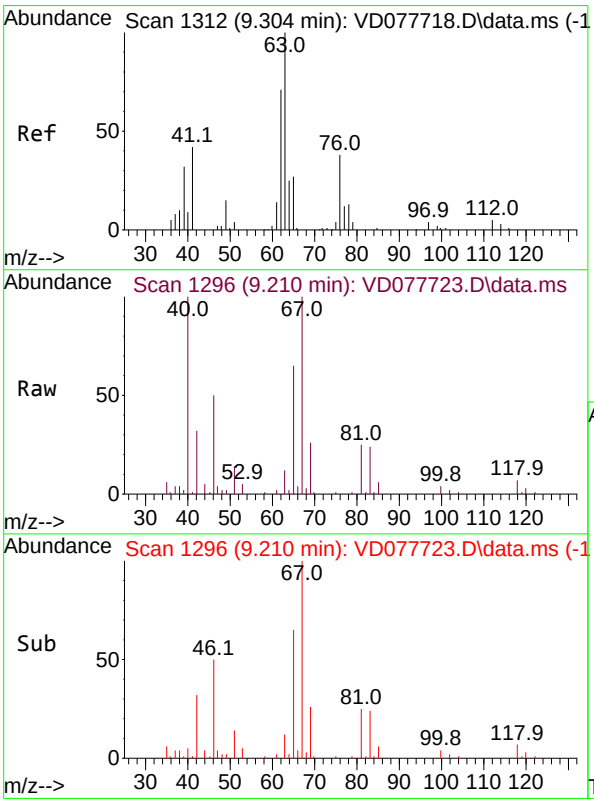
#35
Methylcyclohexane
Concen: 6.819 ug/L
RT: 9.210 min Scan# 1
Delta R.T. -0.065 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 10688

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.8	89.6#
98	0.0	38.5	57.7#

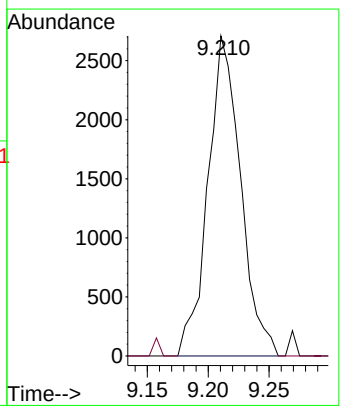


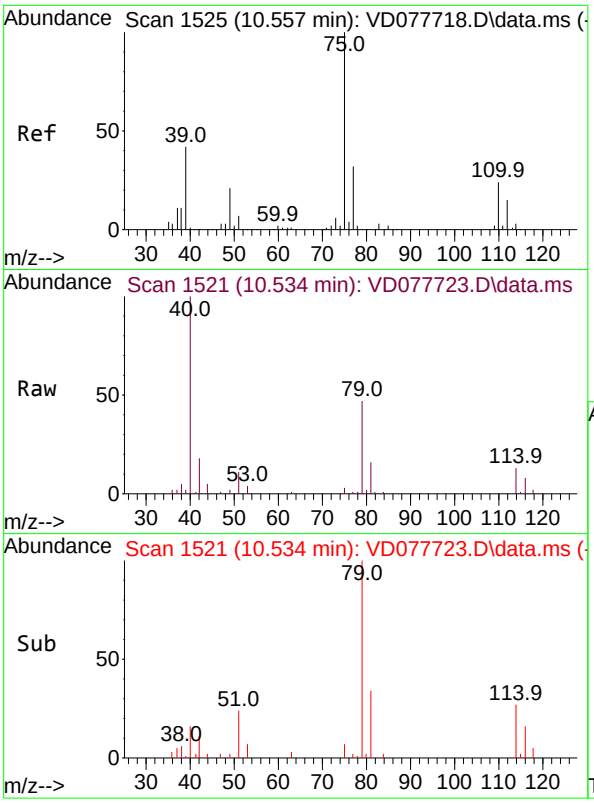


#37
1,2-Dichloropropane
Concen: 5.461 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Tgt Ion: 63 Resp: 5064

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



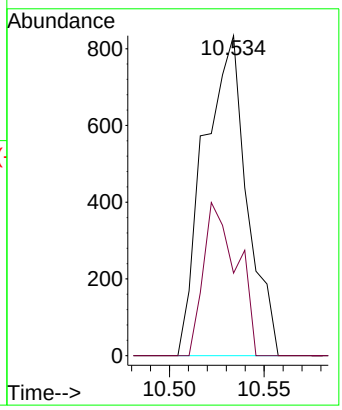


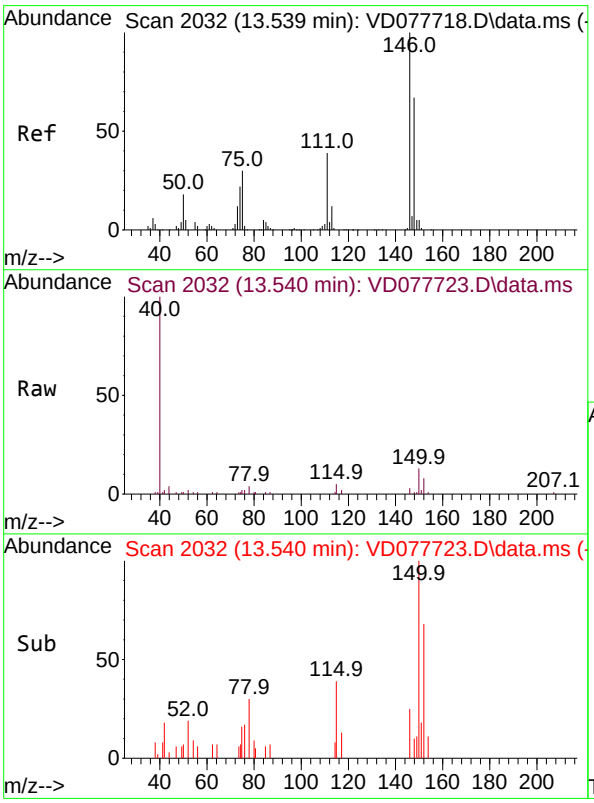
#44
trans-1,3-Dichloropropene
Concen: 1.089 ug/L
RT: 10.534 min Scan# 1
Delta R.T. -0.023 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1317

Ion	Ratio	Lower	Upper
75	100		
77	25.8	22.0	40.8

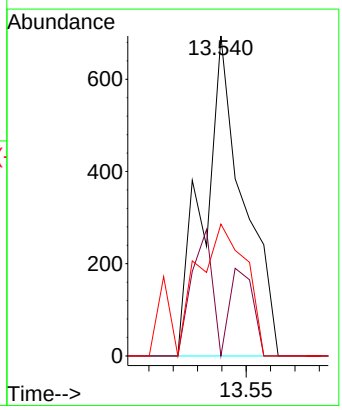


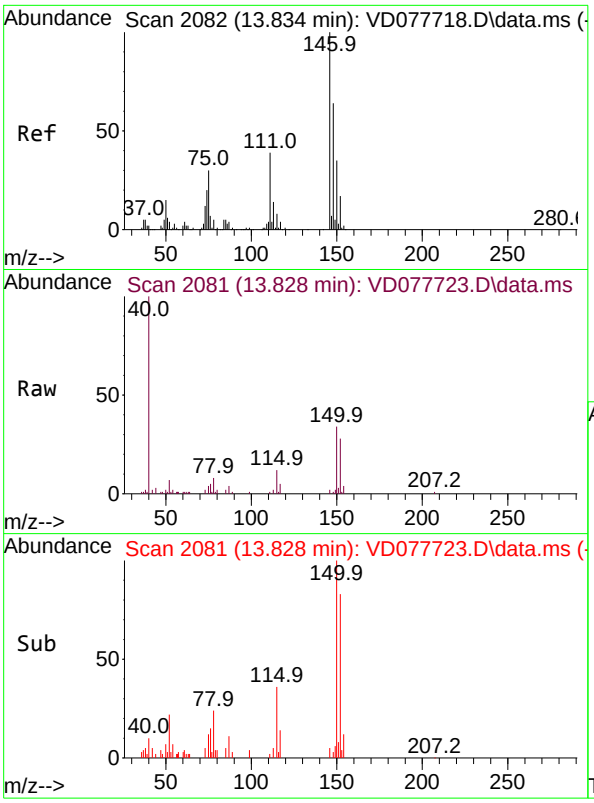


#65
1,4-Dichlorobenzene
Concen: 0.819 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Tgt Ion:146 Resp: 789

Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.4	49.0#
148	41.2	44.0	81.8#



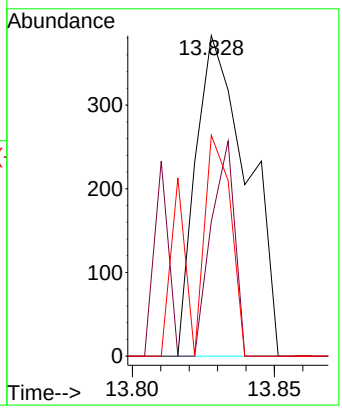


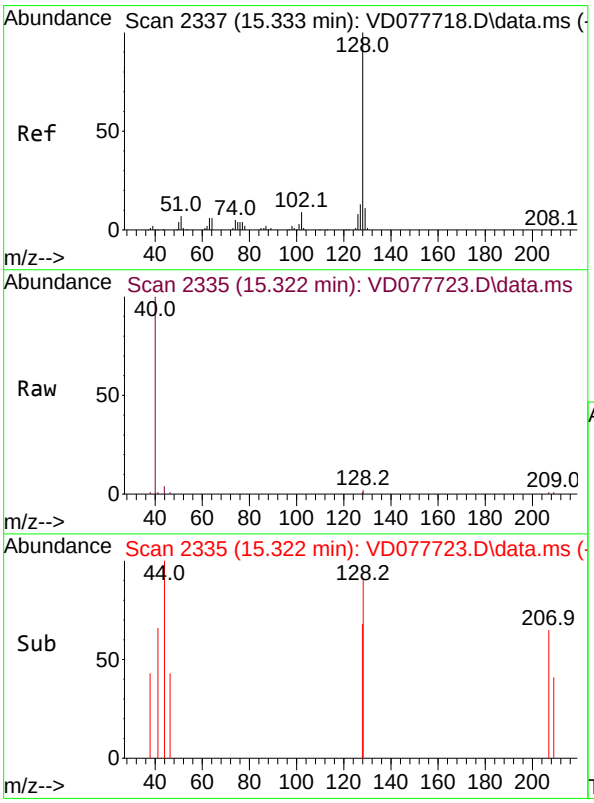
#67
1,2-Dichlorobenzene
Concen: 0.579 ug/L
RT: 13.828 min Scan# 2(
Delta R.T. -0.006 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 484

Ion	Ratio	Lower	Upper
146	100		
111	42.0	31.4	47.2
148	68.9	50.2	75.2





#71
Naphthalene
Concen: 0.503 ug/L
RT: 15.322 min Scan# 2335
Delta R.T. -0.012 min
Lab File: VD077723.D
Acq: 01 Dec 2023 14:53

Tgt Ion:128 Resp: 494

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#