Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
Data File : VX035573.D
Acq On : 08 May 2023 20:17
Operator : JC/MD
Sample : 02648-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Quant Time: May 09 03:52:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	300409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	494873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184719	50.967	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.940%			
35) Dibromofluoromethane	5.385	113	156863	51.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	585166	51.070	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.079	95	224050	51.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.960%			
Target Compounds						Qvalue
16) Acetone	2.416	43	130856	83.132	ug/l	93
17) Carbon Disulfide	2.520	76	3798	0.543	ug/l #	92
19) Methyl tert-butyl Ether	3.111	73	194553	19.436	ug/l #	90
22) Diisopropyl ether	3.757	45	28824	2.837	ug/l #	73
25) 2-Butanone	4.580	43	139096	60.542	ug/l	100
31) Cyclohexane	5.471	56	32175	6.258	ug/l	99
39) Methylcyclohexane	7.379	83	6763	1.171	ug/l	91
40) Benzene	6.038	78	3234746	237.758	ug/l	99
52) Toluene	8.720	92	1237085	143.447	ug/l	97
67) Ethyl Benzene	10.195	91	57063	3.659	ug/l	96
68) m/p-Xylenes	10.299	106	123468	20.664	ug/l	100
69) o-Xylene	10.640	106	98353	16.786	ug/l	99
78) n-propylbenzene	11.305	91	8517	0.457	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	43552	3.186	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	84879	6.180	ug/l	96
95) Naphthalene	13.774	128	37776	2.549	ug/l #	92

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

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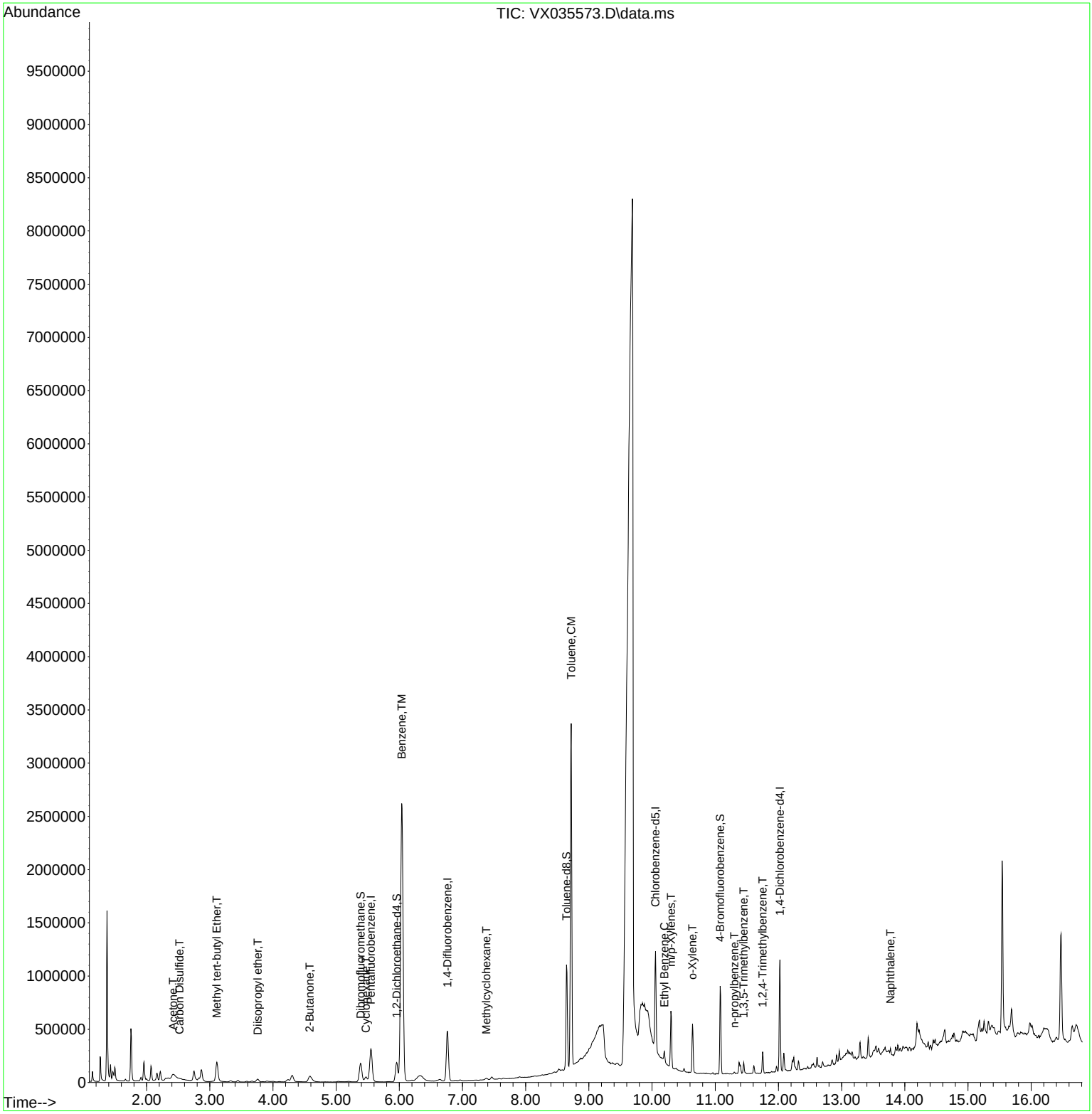
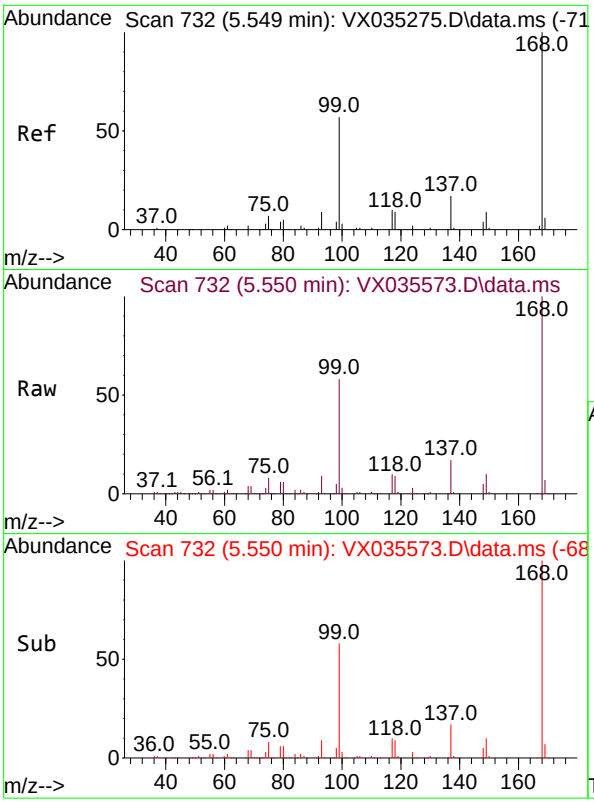
Quant Time: May 09 03:52:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



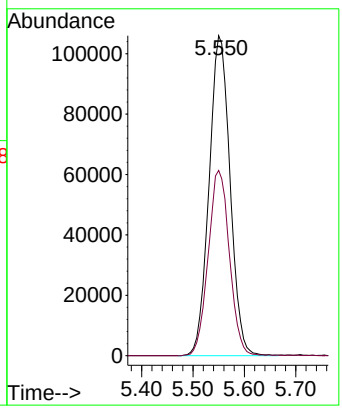


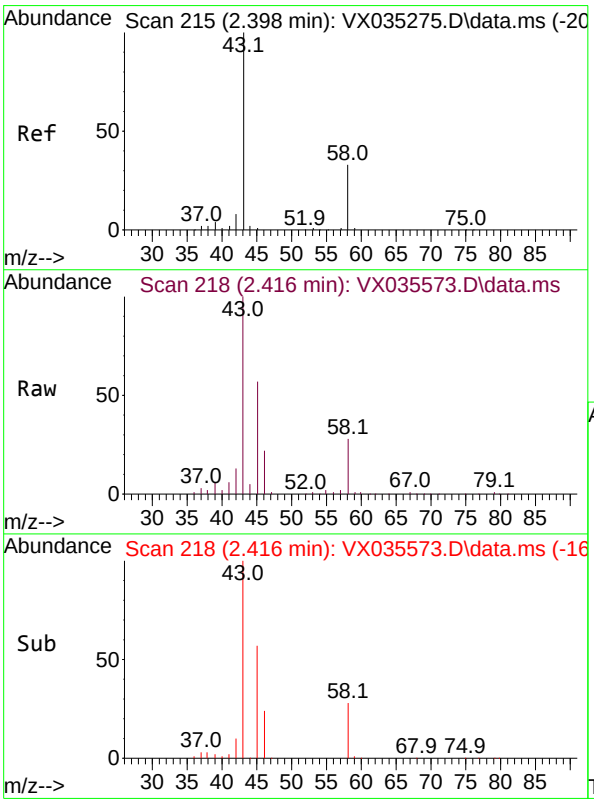
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion:168 Resp: 300409

Ion	Ratio	Lower	Upper
168	100		
99	57.9	45.7	68.5

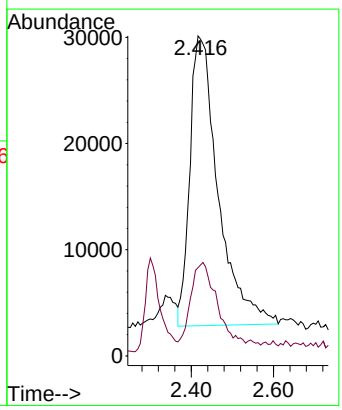


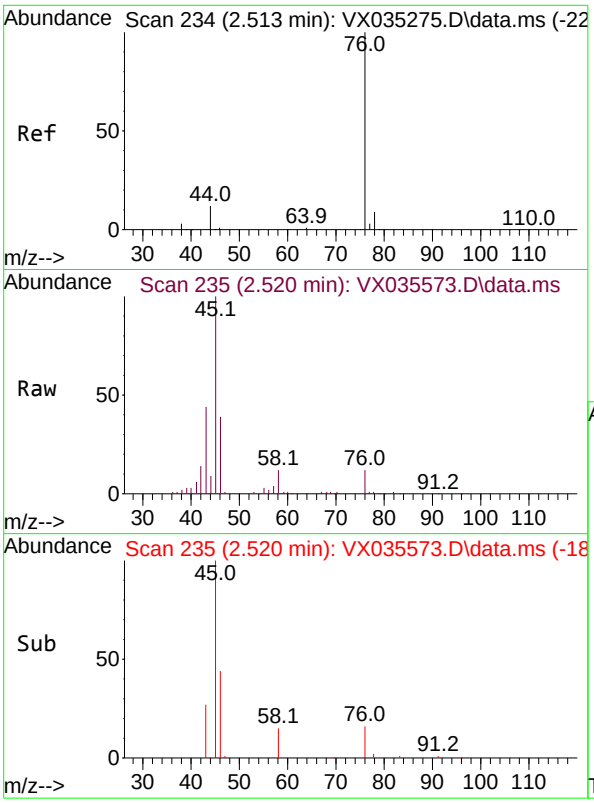


#16
Acetone
Concen: 83.132 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.018 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 43 Resp: 130856

Ion	Ratio	Lower	Upper
43	100		
58	27.2	24.7	37.1



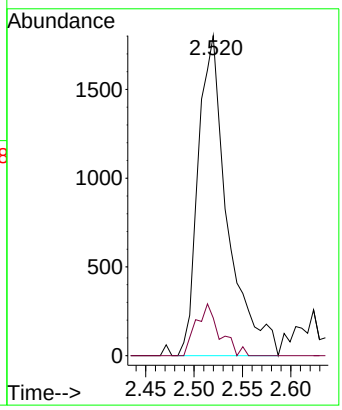


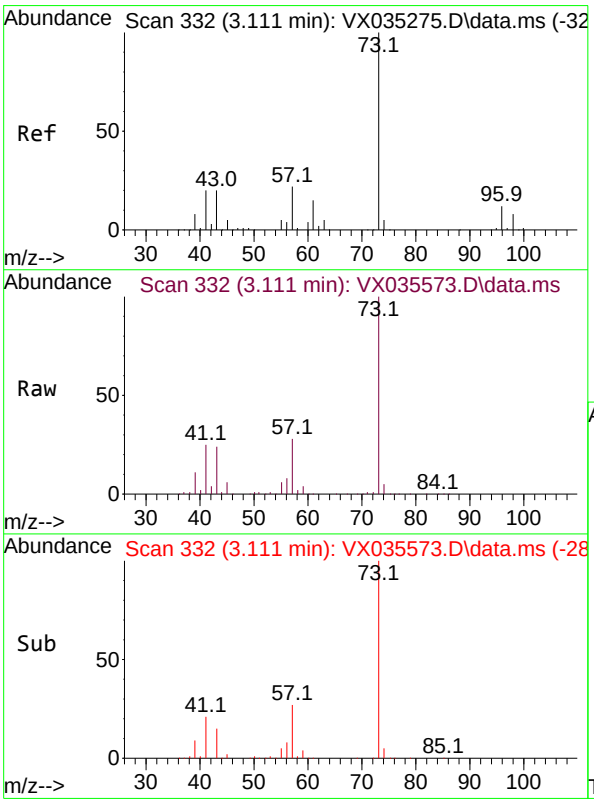
#17
Carbon Disulfide
Concen: 0.543 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.007 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 76 Resp: 3798

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.2	10.8#

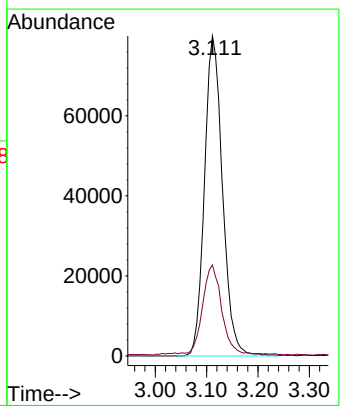


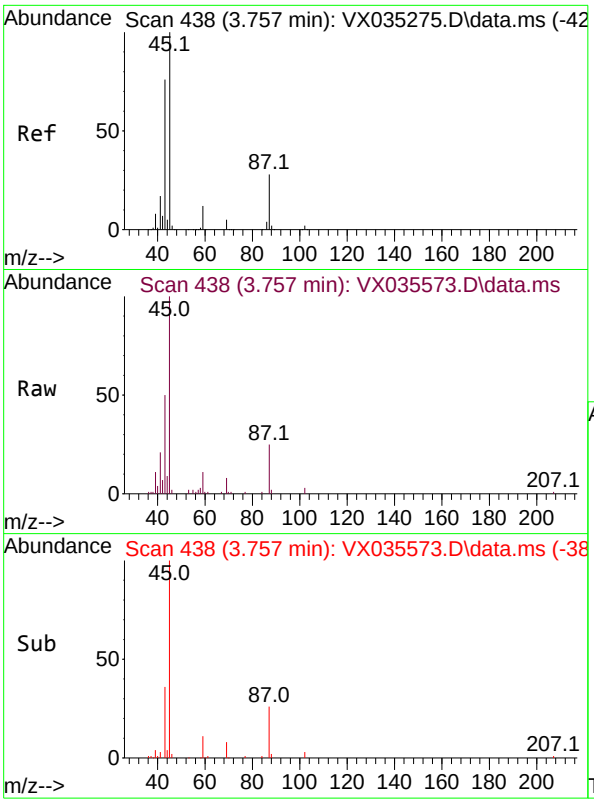


#19
Methyl tert-butyl Ether
Concen: 19.436 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 73 Resp: 194553

Ion	Ratio	Lower	Upper
73	100		
57	28.0	18.5	27.7#



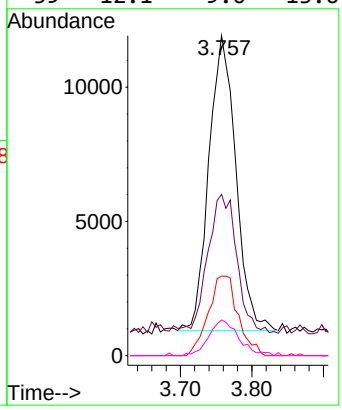


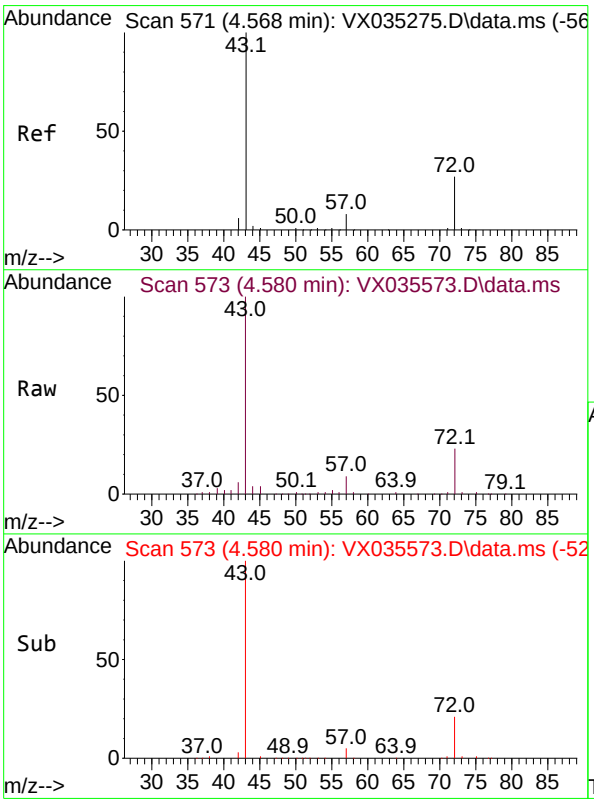
#22
Diisopropyl ether
Concen: 2.837 ug/l
RT: 3.757 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 45 Resp: 28824

Ion	Ratio	Lower	Upper
45	100		
43	47.1	65.4	98.2#
87	26.9	20.6	31.0
59	12.1	9.0	13.6

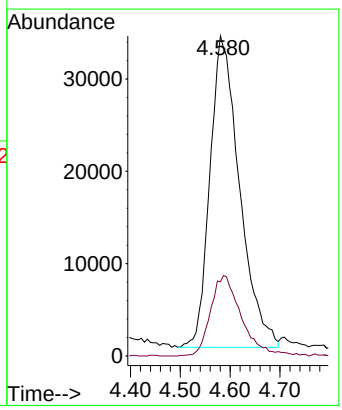


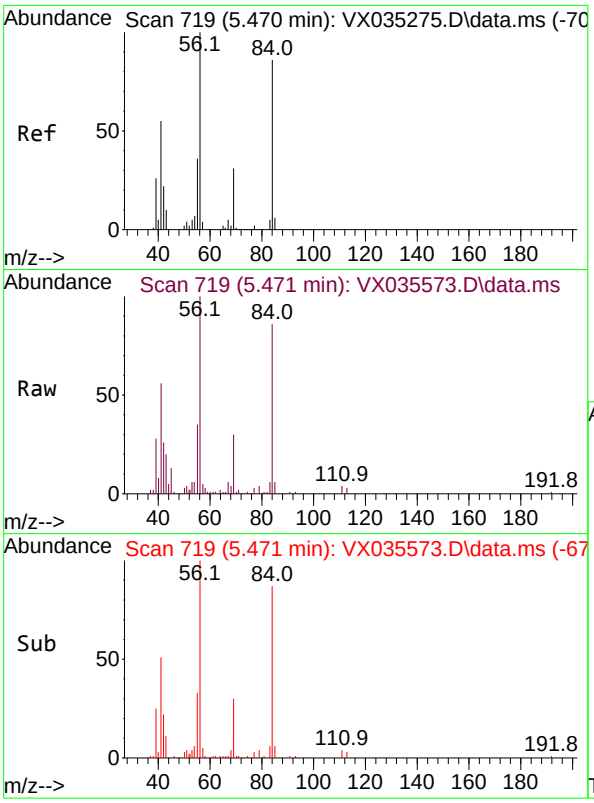


#25
2-Butanone
Concen: 60.542 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 43 Resp: 139096

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.3	28.9



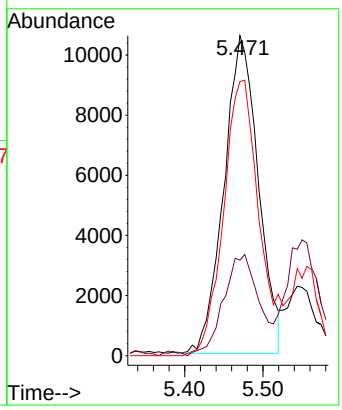


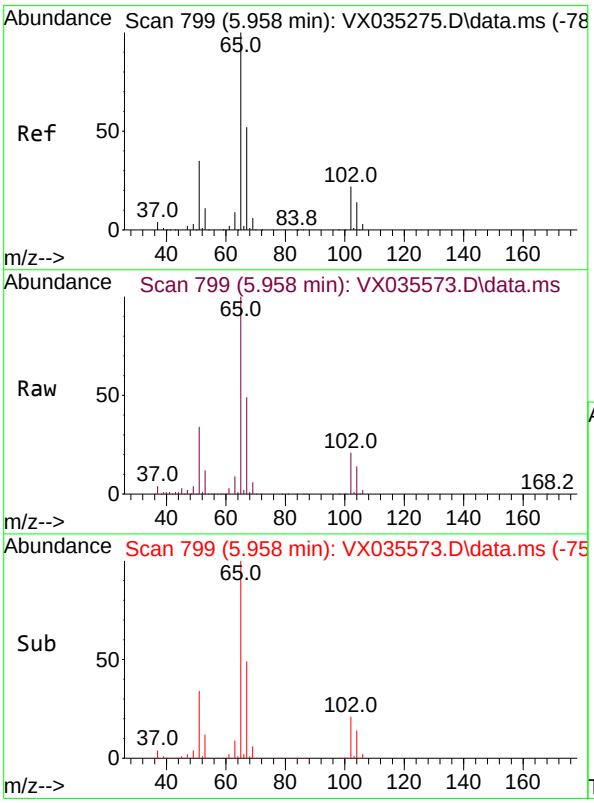
#31
Cyclohexane
Concen: 6.258 ug/l
RT: 5.471 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 56 Resp: 32175

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.7	35.5
84	86.4	68.5	102.7

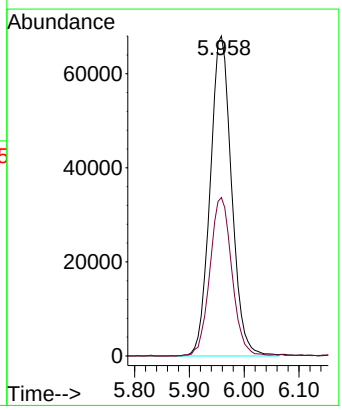


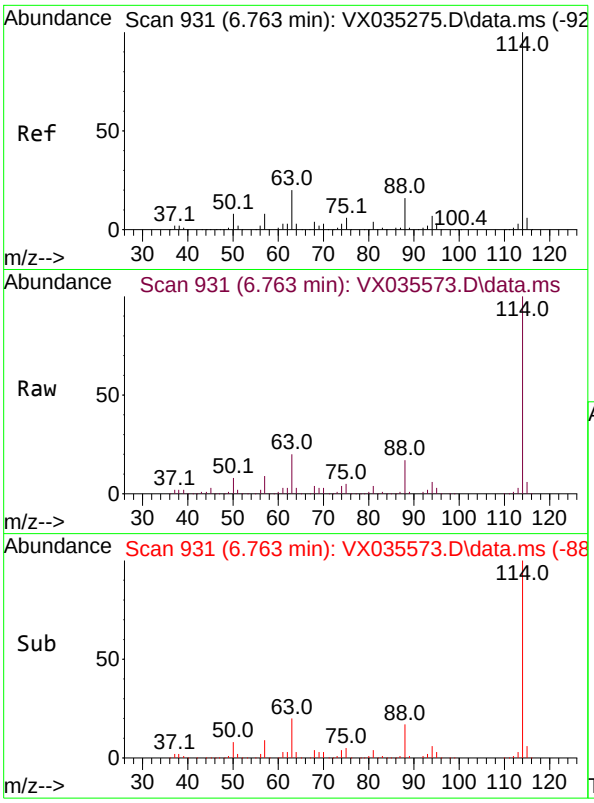


#33
1,2-Dichloroethane-d4
Concen: 50.967 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 65 Resp: 184719

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.0



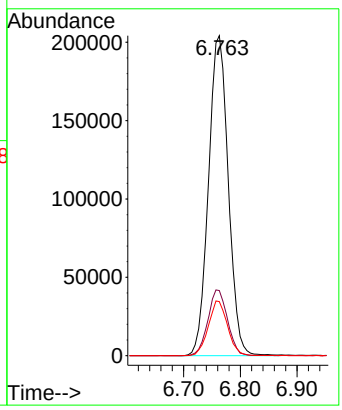


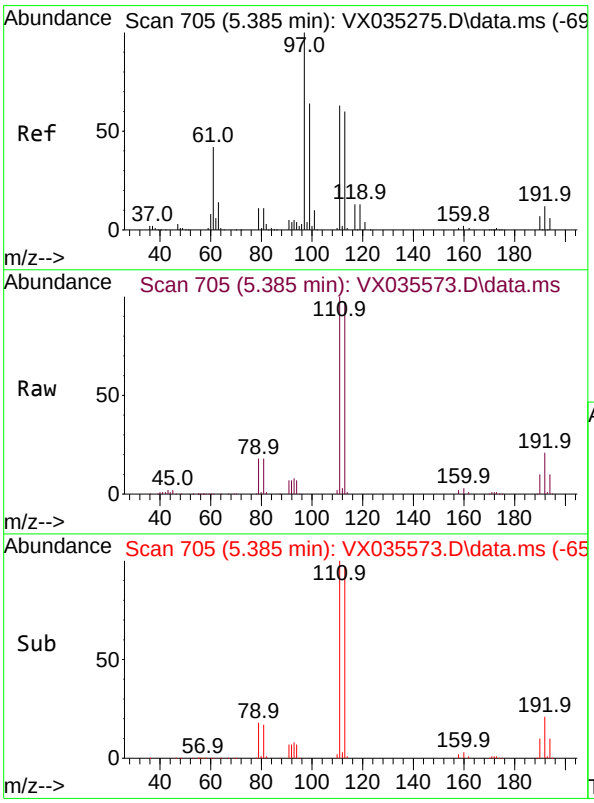
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion:114 Resp: 494873

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.2
88	16.9	0.0	33.2

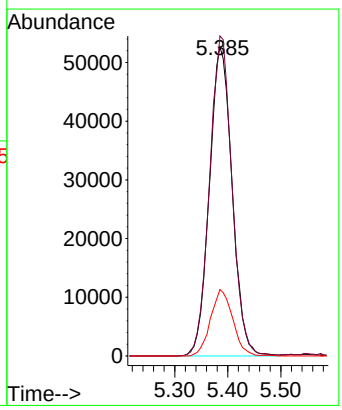


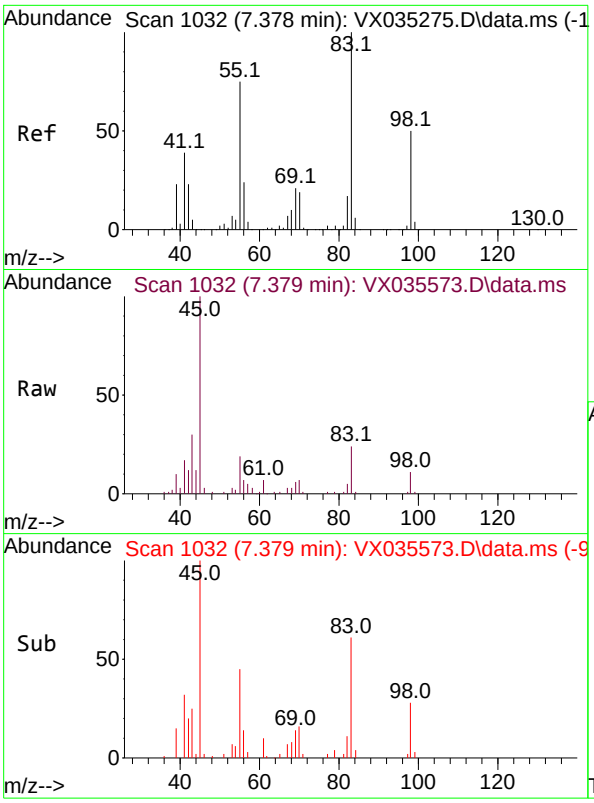


#35
Dibromofluoromethane
Concen: 51.644 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:113 Resp: 156863

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.7	125.5
192	21.0	15.4	23.2



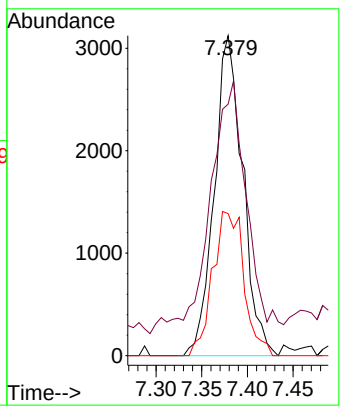


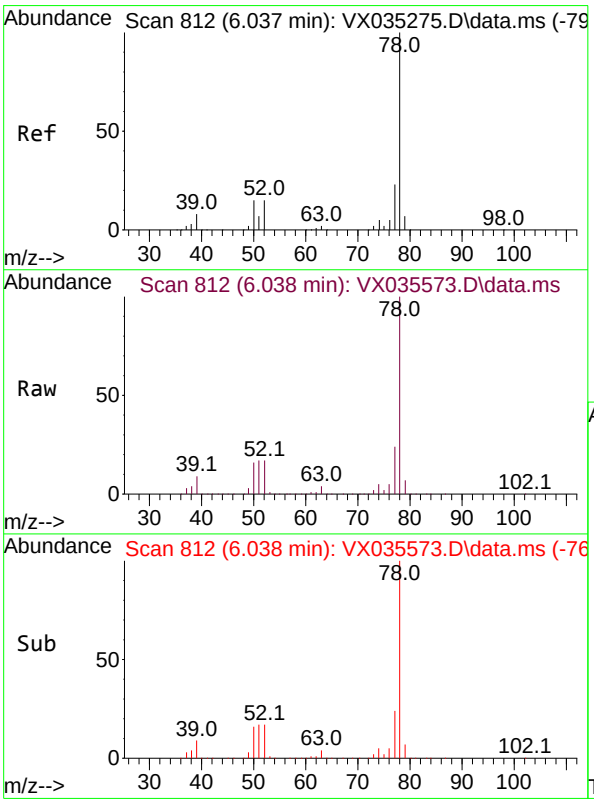
#39
Methylcyclohexane
Concen: 1.171 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 83 Resp: 6763

Ion	Ratio	Lower	Upper
83	100		
55	68.0	60.5	90.7
98	44.4	40.4	60.6

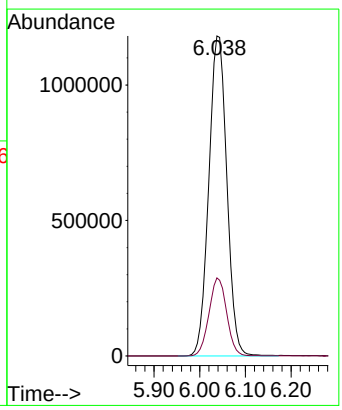


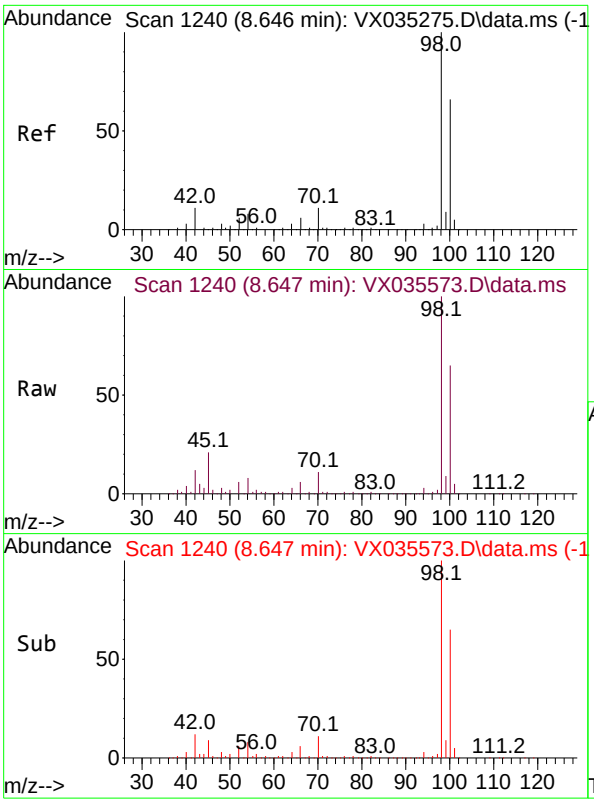


#40
Benzene
Concen: 237.758 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 78 Resp: 3234746

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4



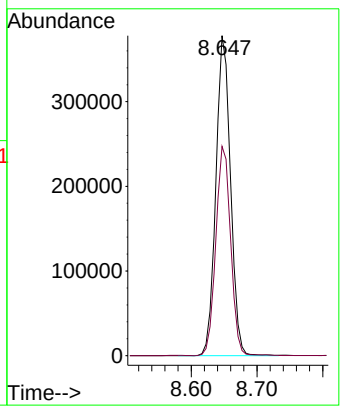


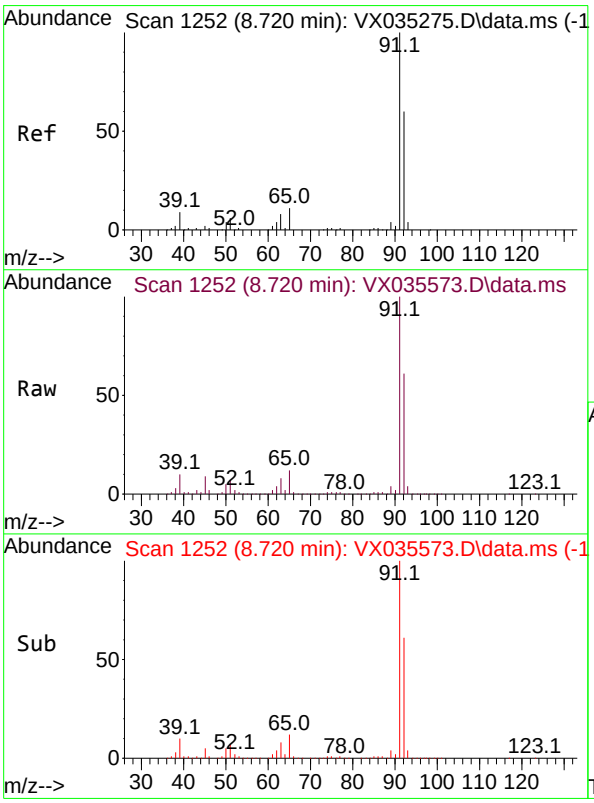
#50
Toluene-d8
Concen: 51.070 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 98 Resp: 585166

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.5	78.7

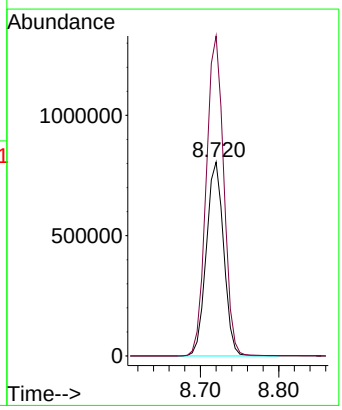


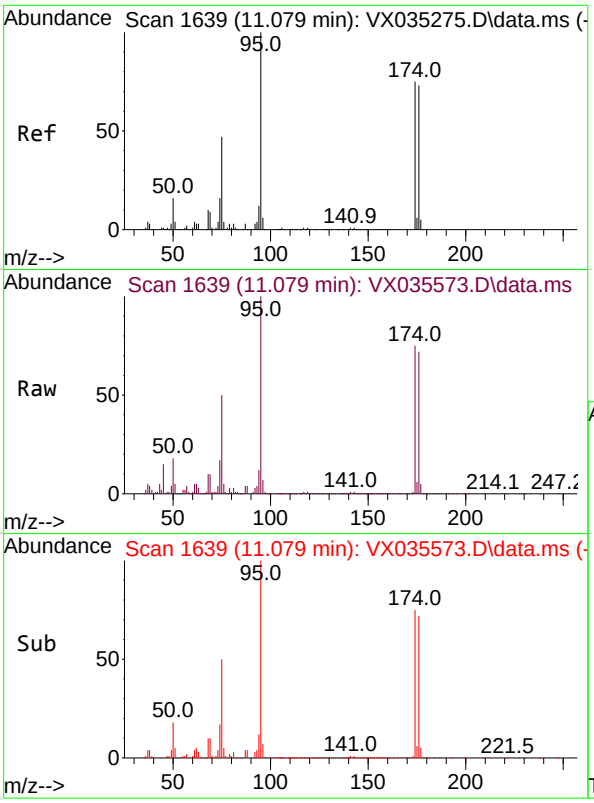


#52
Toluene
Concen: 143.447 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 92 Resp: 1237085

Ion	Ratio	Lower	Upper
92	100		
91	166.9	136.8	205.2



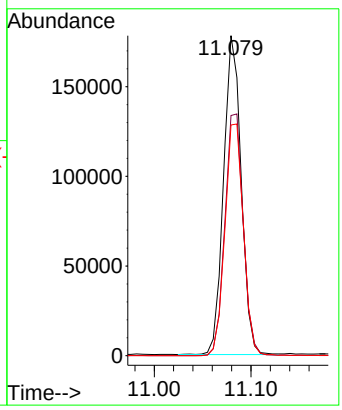


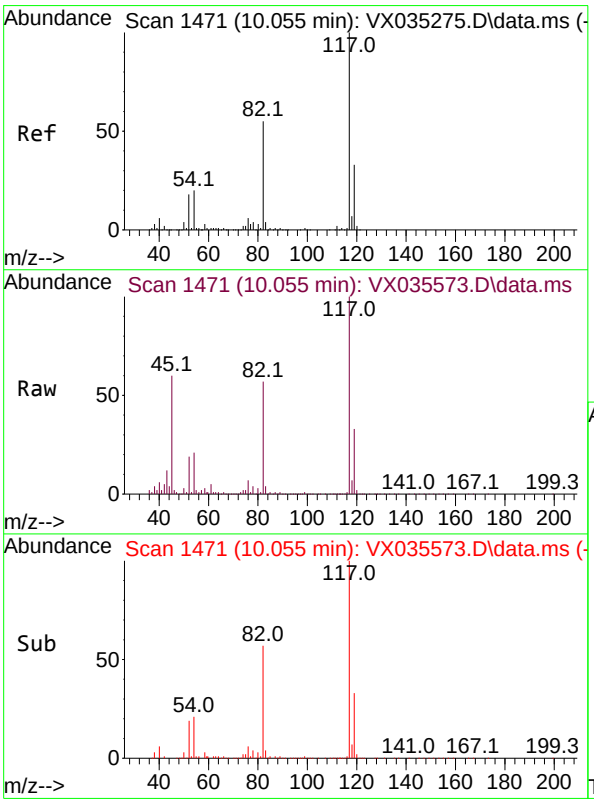
#62
4-Bromofluorobenzene
Concen: 51.980 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 95 Resp: 224050

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	147.4
176	76.9	0.0	140.6

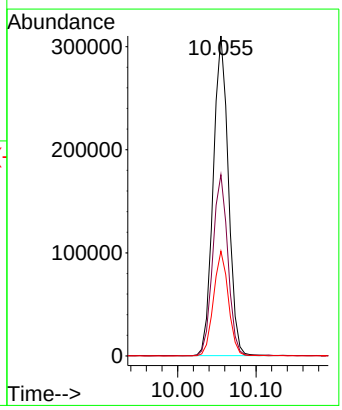


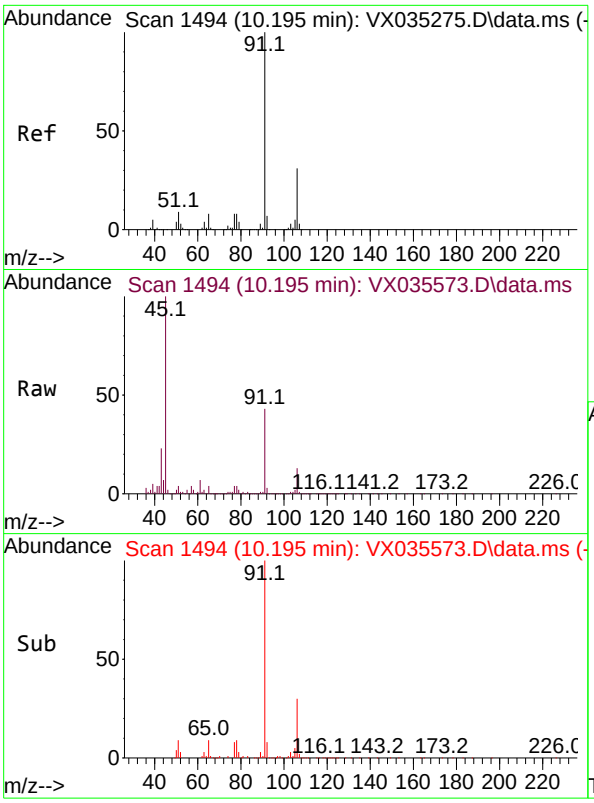


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:117 Resp: 416178

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.0	67.4
119	32.7	26.0	39.0



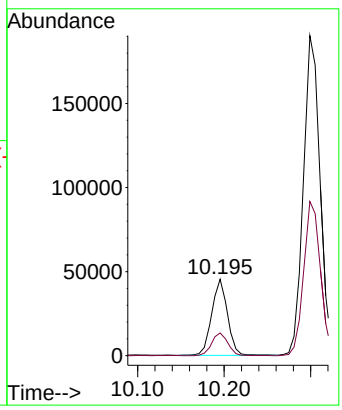


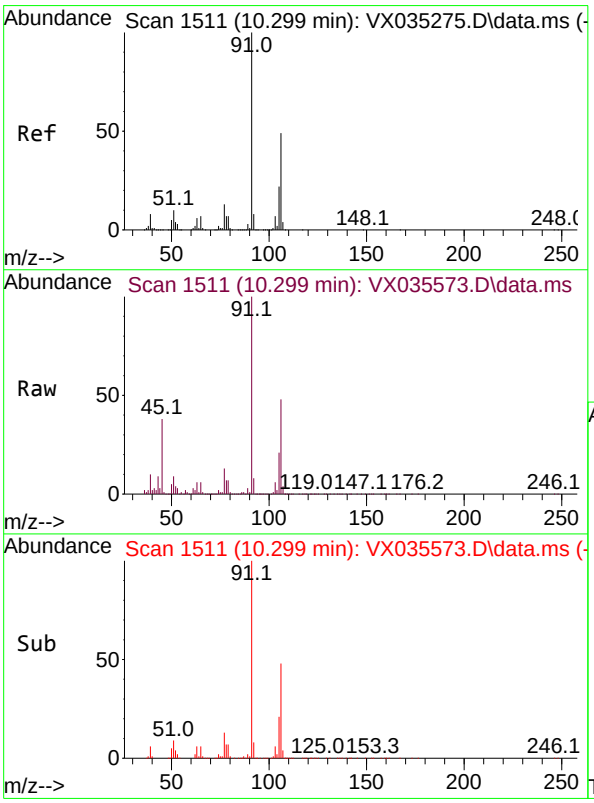
#67
Ethyl Benzene
Concen: 3.659 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 91 Resp: 57063

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.6	38.4

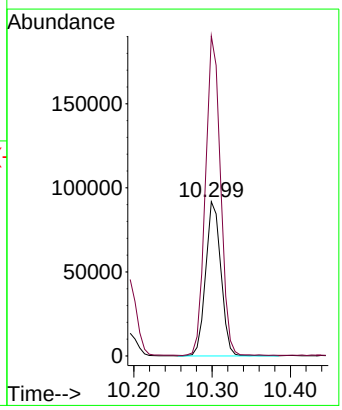


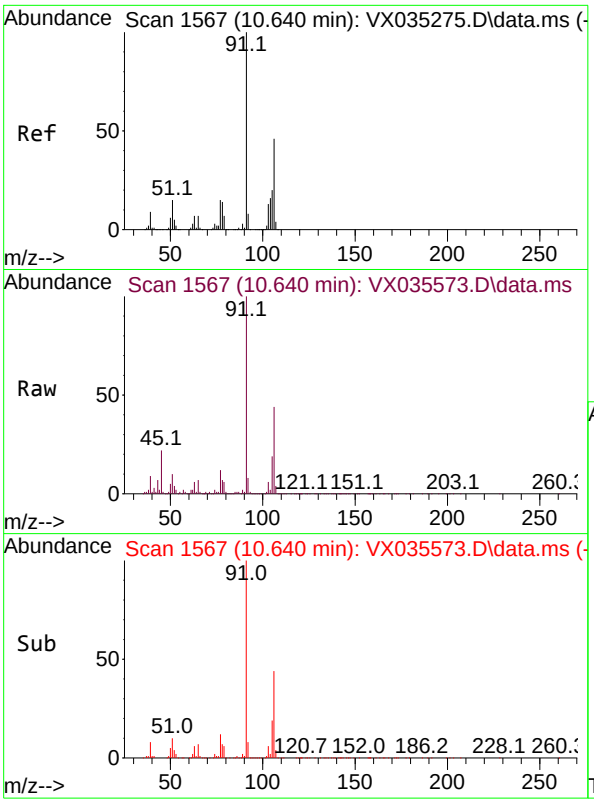


#68
m/p-Xylenes
Concen: 20.664 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:106 Resp: 123468

Ion	Ratio	Lower	Upper
106	100		
91	205.2	164.0	246.0



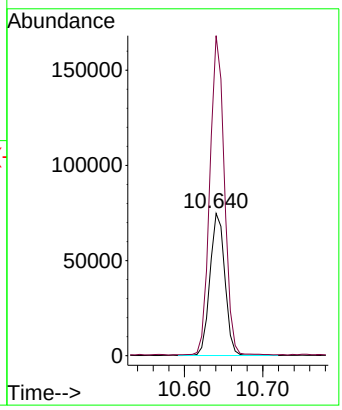


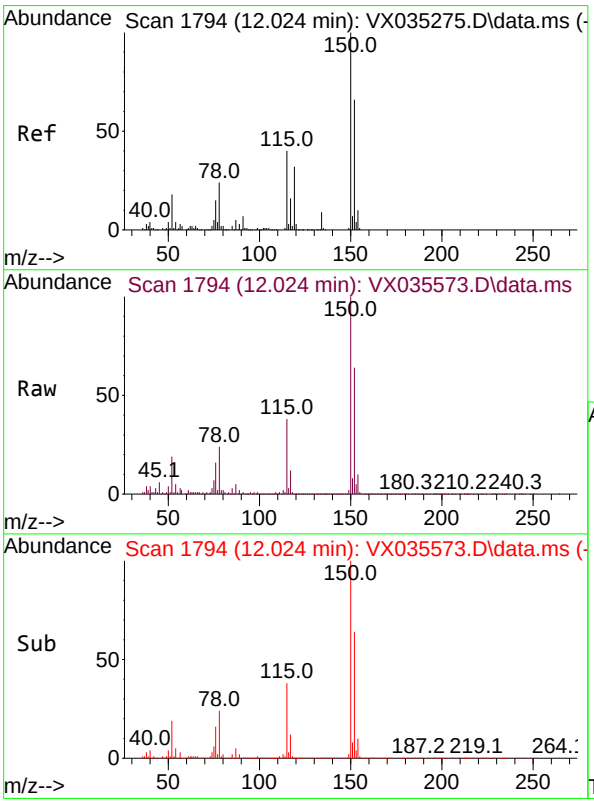
#69
o-Xylene
Concen: 16.786 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion:106 Resp: 98353

Ion	Ratio	Lower	Upper
106	100		
91	218.9	108.5	325.3

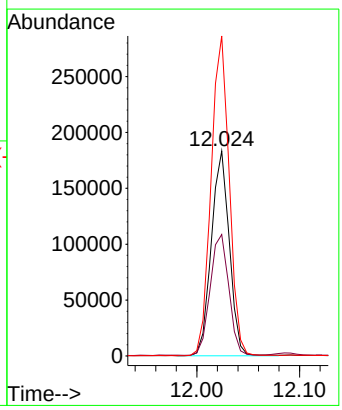


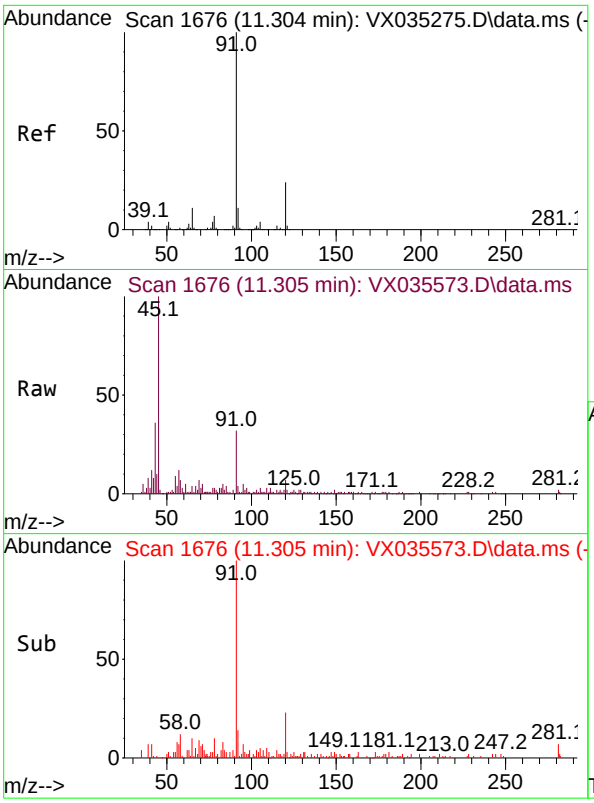


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:152 Resp: 221783

Ion	Ratio	Lower	Upper
152	100		
115	61.3	45.0	135.0
150	157.5	0.0	352.4



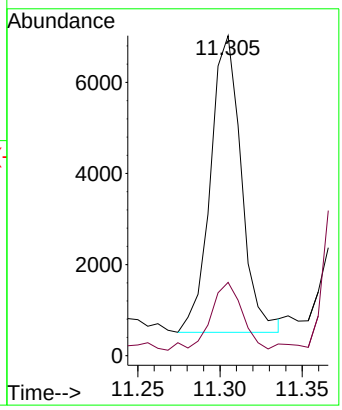


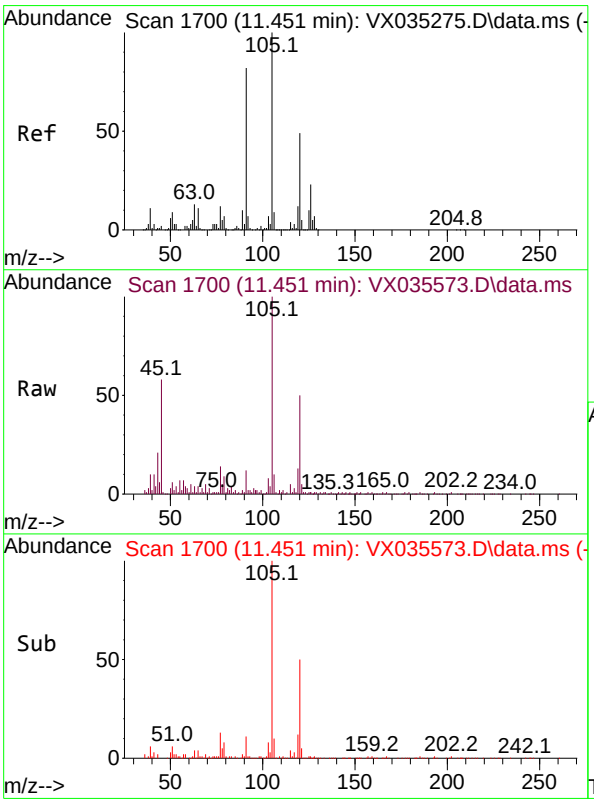
#78
n-propylbenzene
Concen: 0.457 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion: 91 Resp: 8517

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.5

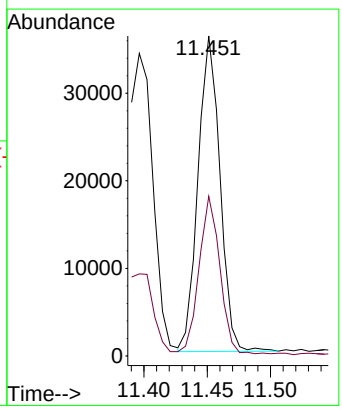


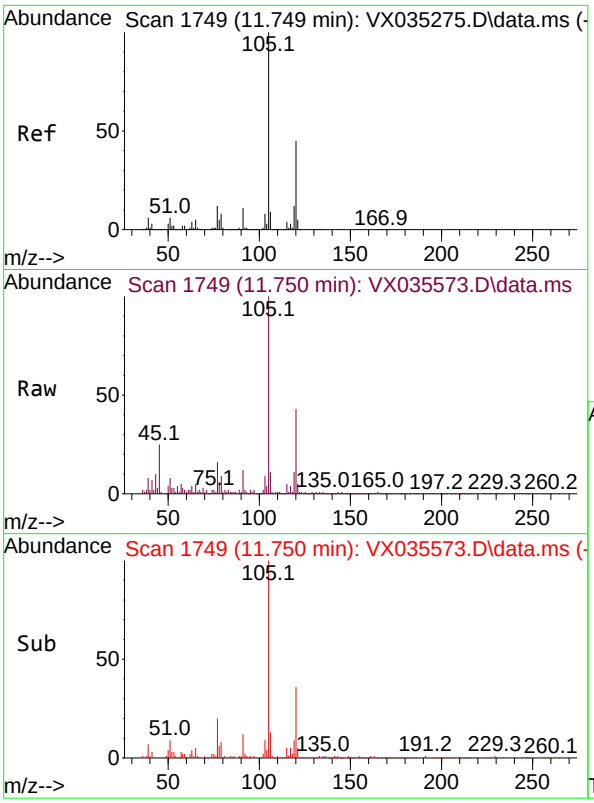


#80
1,3,5-Trimethylbenzene
Concen: 3.186 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:105 Resp: 43552

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.7	71.1



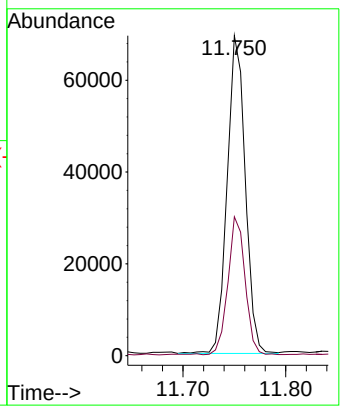


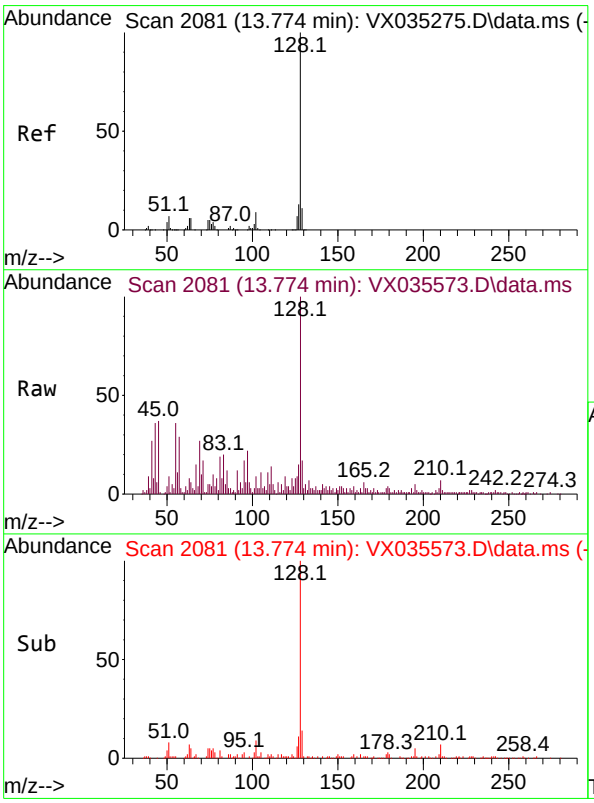
#84
1,2,4-Trimethylbenzene
Concen: 6.180 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

Tgt Ion:105 Resp: 84879

Ion	Ratio	Lower	Upper
105	100		
120	41.8	22.4	67.0





#95
Naphthalene
Concen: 2.549 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:128 Resp: 37776

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.4
129	14.8	8.6	13.0#