Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
Data File : VX043289.D
Acq On : 04 Oct 2024 15:15
Operator : JC/MD
Sample : P4276-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Quant Time: Oct 05 02:50:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	77761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68696	54.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	5.385	113	48506	46.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.940%			
50) Toluene-d8	8.647	98	177466	49.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	11.079	95	62925	48.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.800%			
Target Compounds						Qvalue
16) Acetone	2.392	43	13831	26.079	ug/l	95
18) Methyl Acetate	2.715	43	2795	2.101	ug/l	91
20) Methylene Chloride	2.788	84	4526	4.629	ug/l #	89
25) 2-Butanone	4.587	43	4099	5.637	ug/l	94
43) Isopropyl Acetate	6.342	43	71699	27.707	ug/l	99

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

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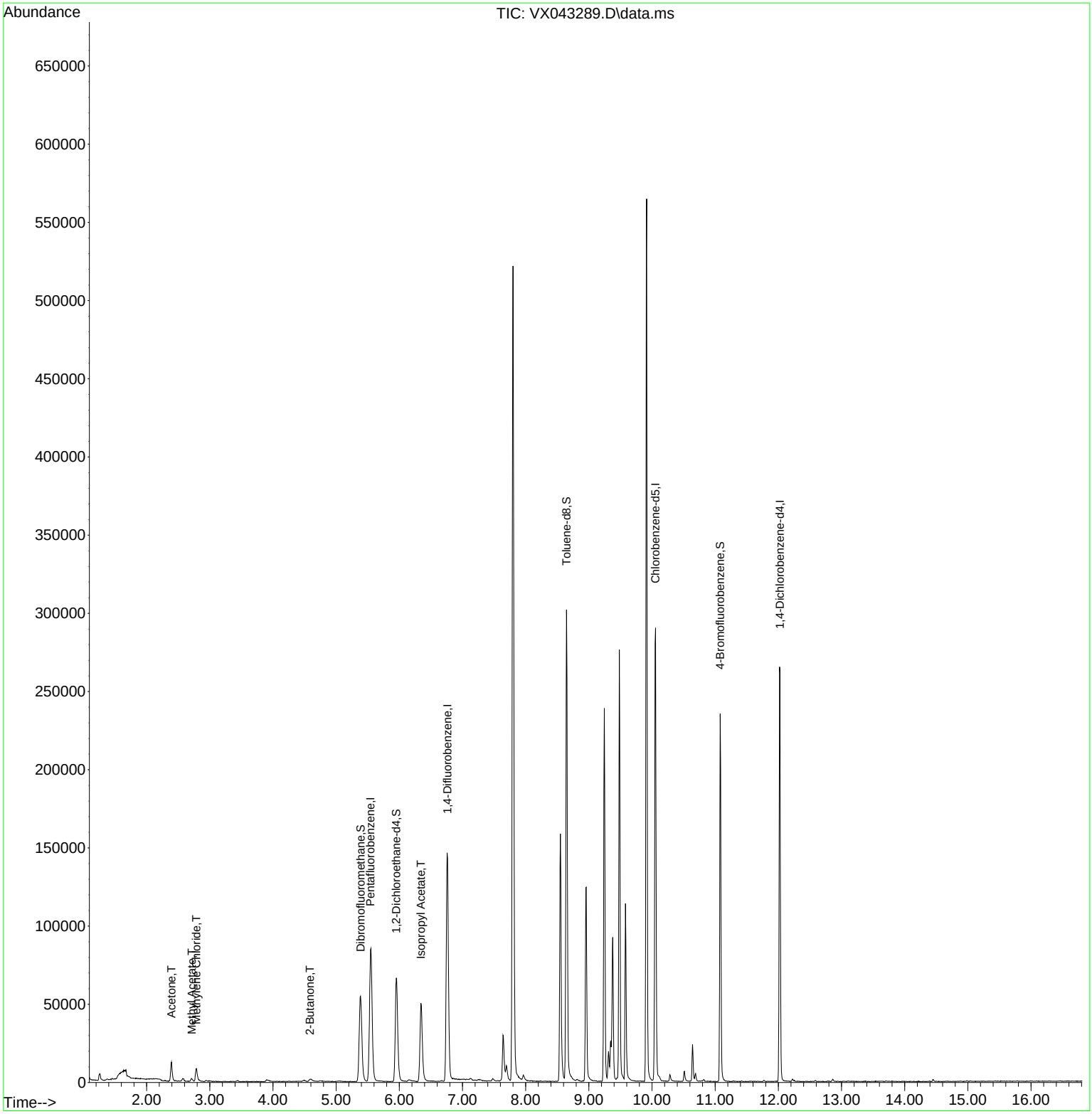
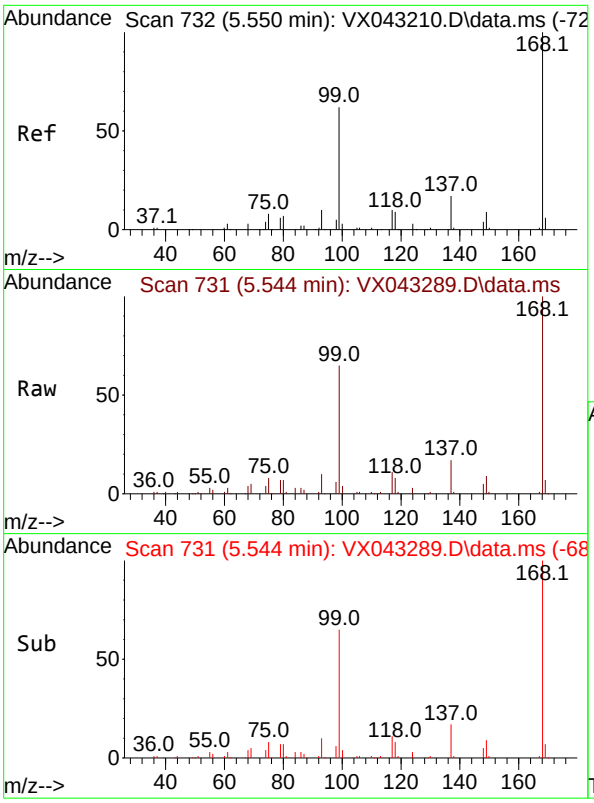


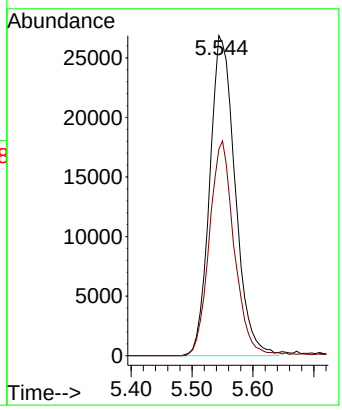


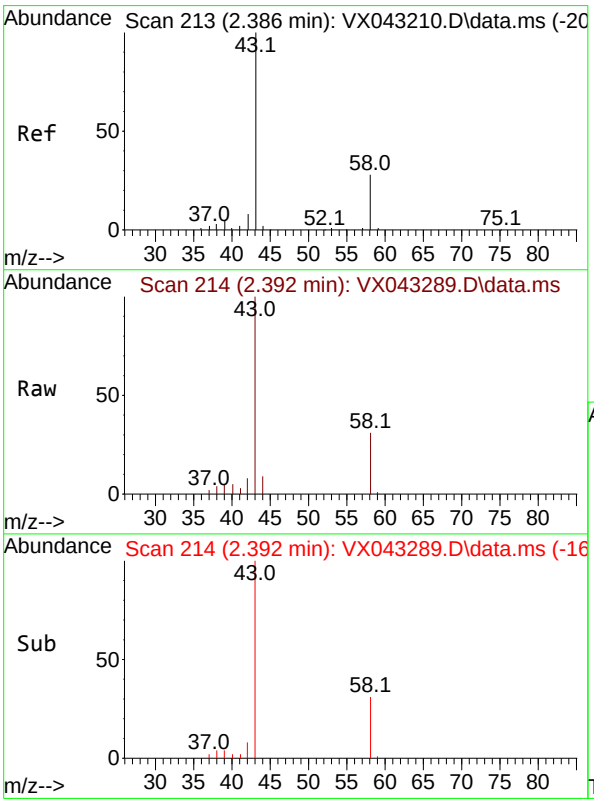
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion:168 Resp: 77761

Ion	Ratio	Lower	Upper
168	100		
99	64.5	49.7	74.5

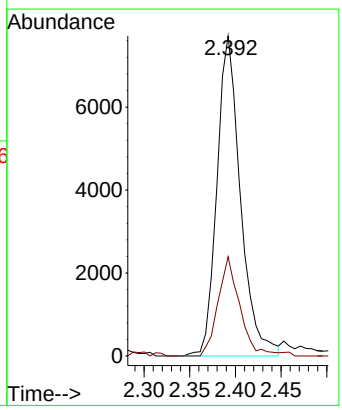


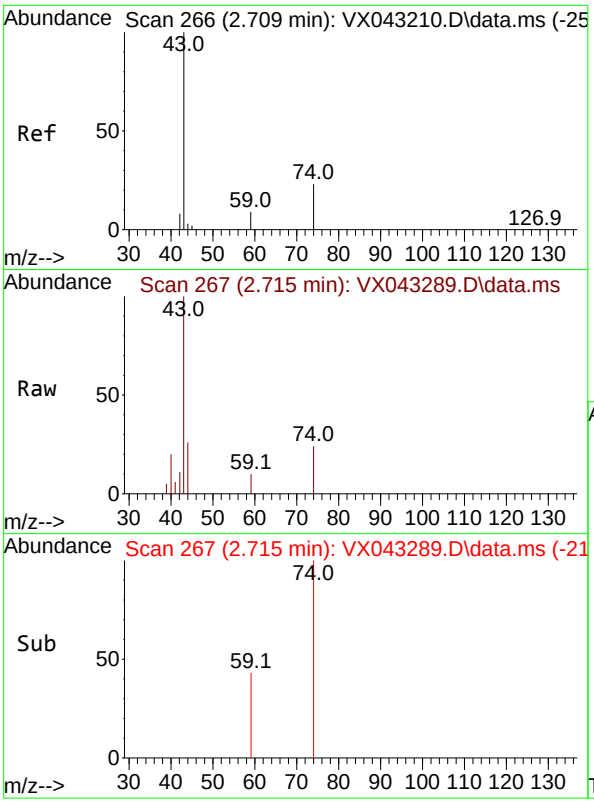


#16
Acetone
Concen: 26.079 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Tgt Ion: 43 Resp: 13831

Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.6	33.8



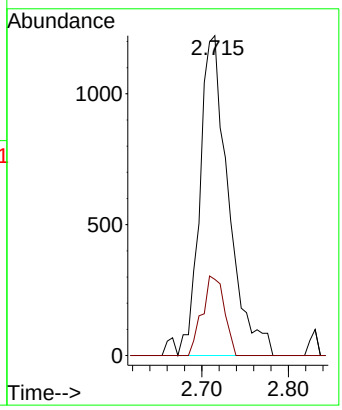


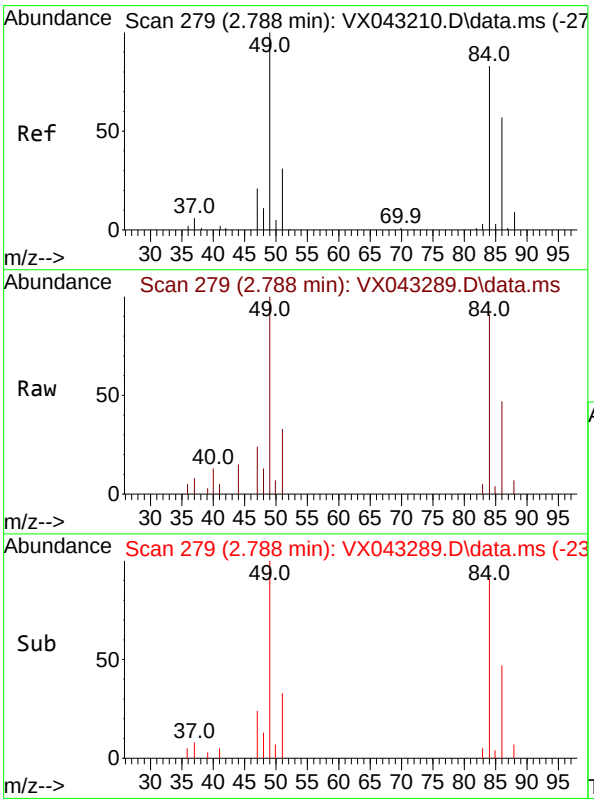
#18
Methyl Acetate
Concen: 2.101 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion: 43 Resp: 2795

Ion	Ratio	Lower	Upper
43	100		
74	19.2	19.1	28.7

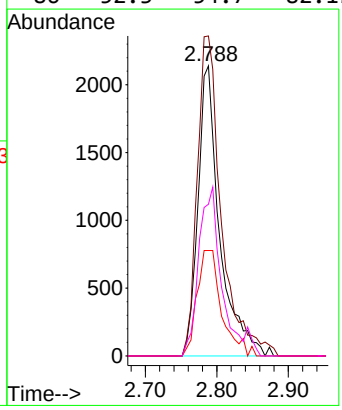


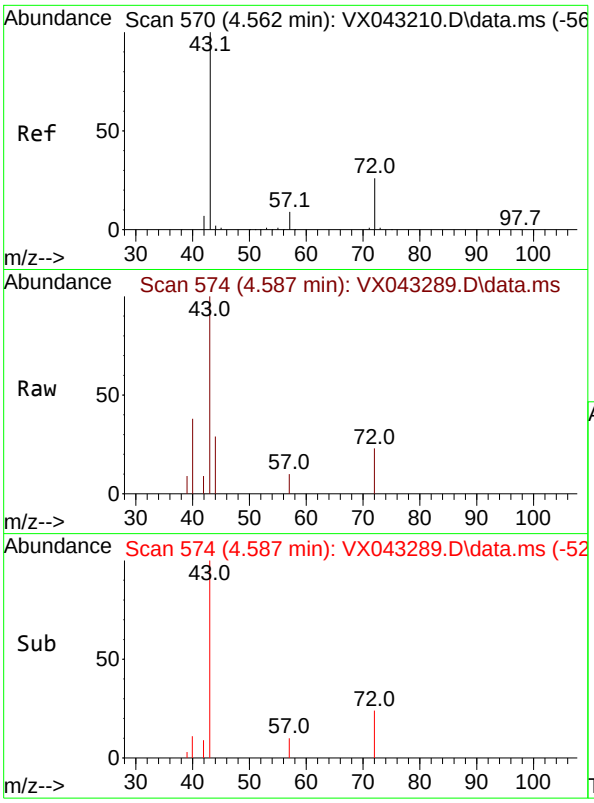


#20
Methylene Chloride
Concen: 4.629 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Tgt Ion: 84 Resp: 4526

Ion	Ratio	Lower	Upper
84	100		
49	110.3	96.7	145.1
51	36.4	30.4	45.6
86	52.3	54.7	82.1#



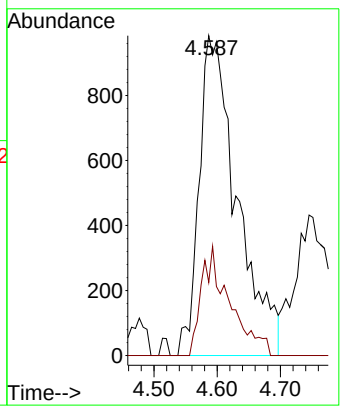


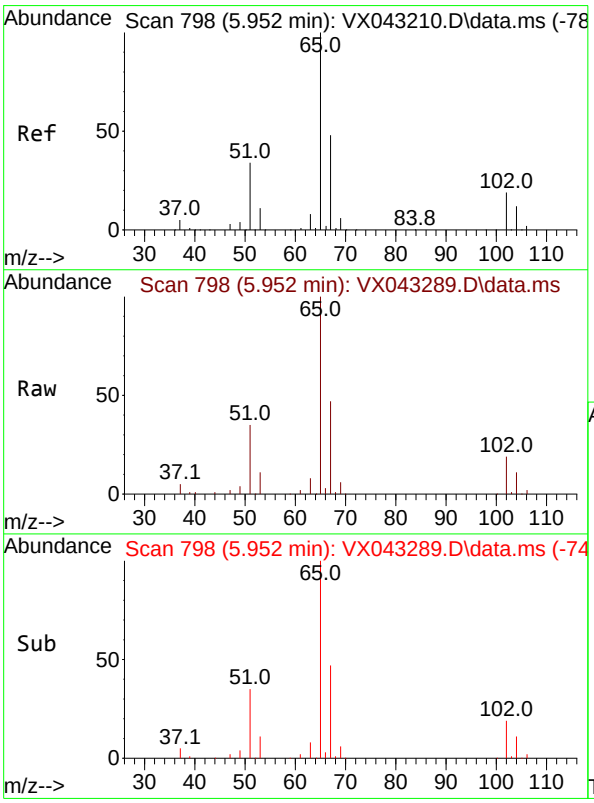
#25
2-Butanone
Concen: 5.637 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.025 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion: 43 Resp: 4099

Ion	Ratio	Lower	Upper
43	100		
72	22.9	20.6	31.0

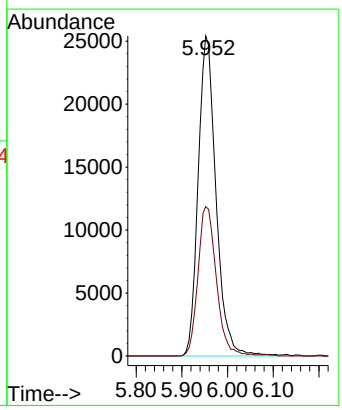


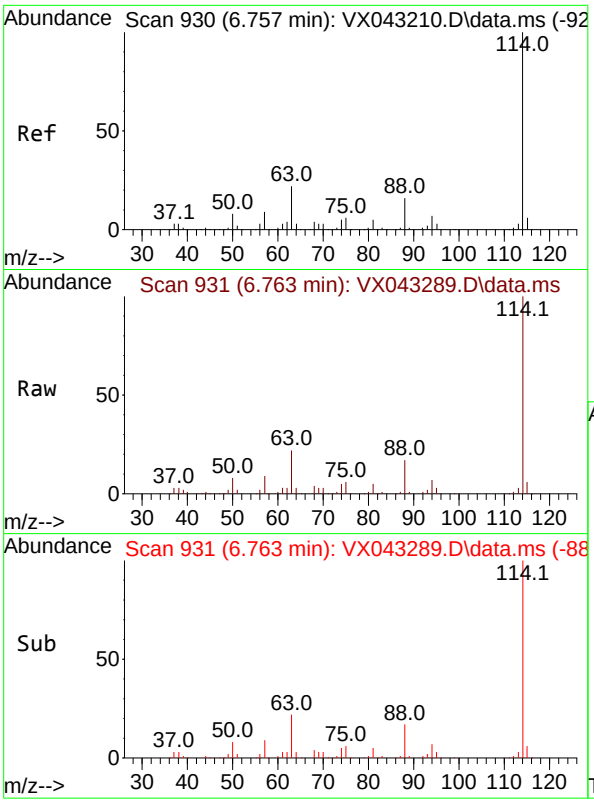


#33
1,2-Dichloroethane-d4
Concen: 54.093 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Tgt Ion: 65 Resp: 68696

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.0



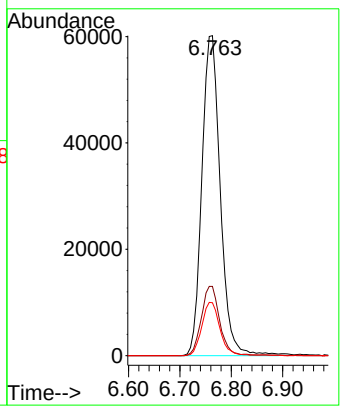


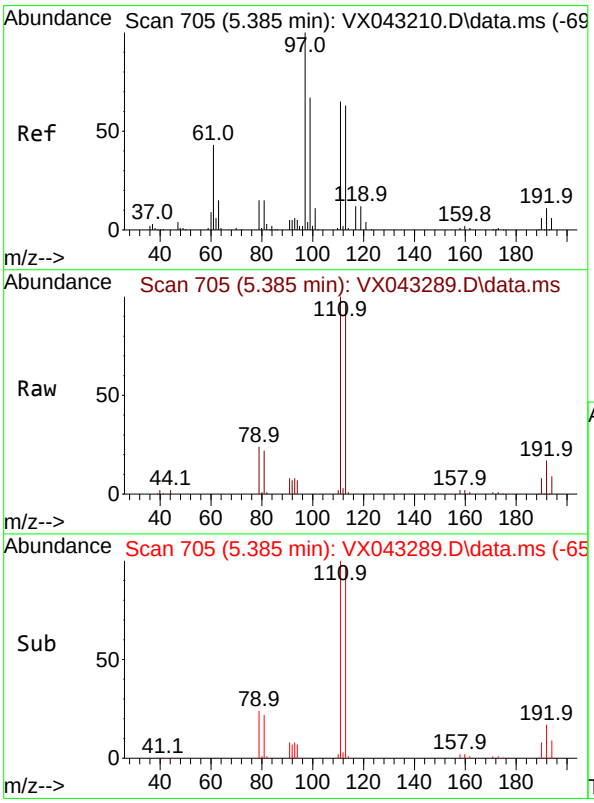
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion:114 Resp: 149745

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	16.6	0.0	33.0

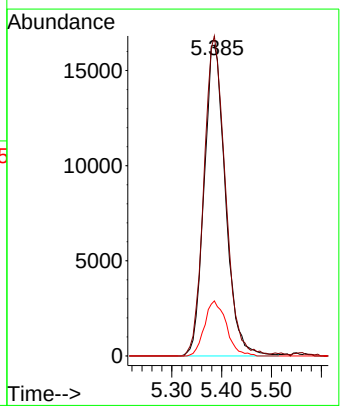


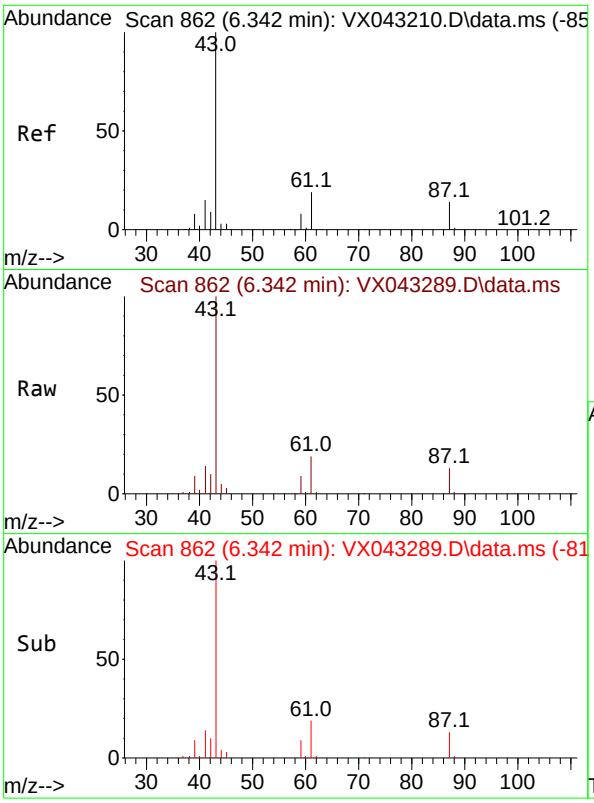


#35
Dibromofluoromethane
Concen: 46.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Tgt Ion:113 Resp: 48506

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	18.1	14.1	21.1



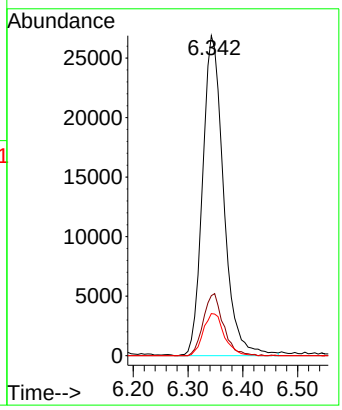


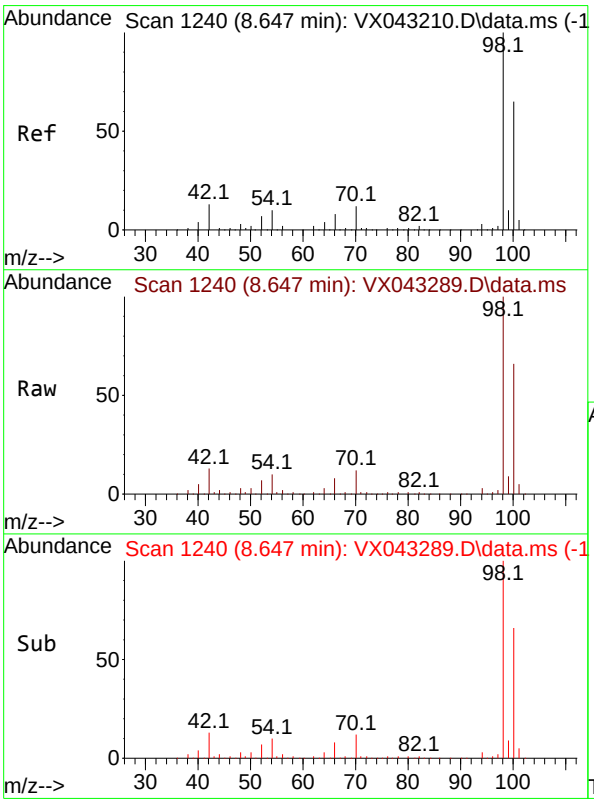
#43
Isopropyl Acetate
Concen: 27.707 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion: 43 Resp: 71699

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.1	22.7
87	13.1	10.8	16.2

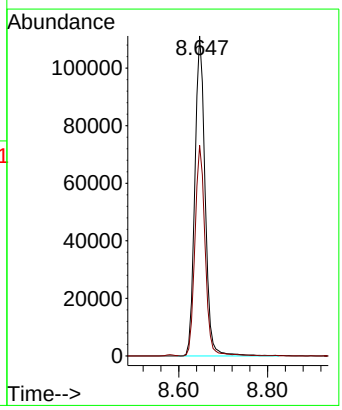


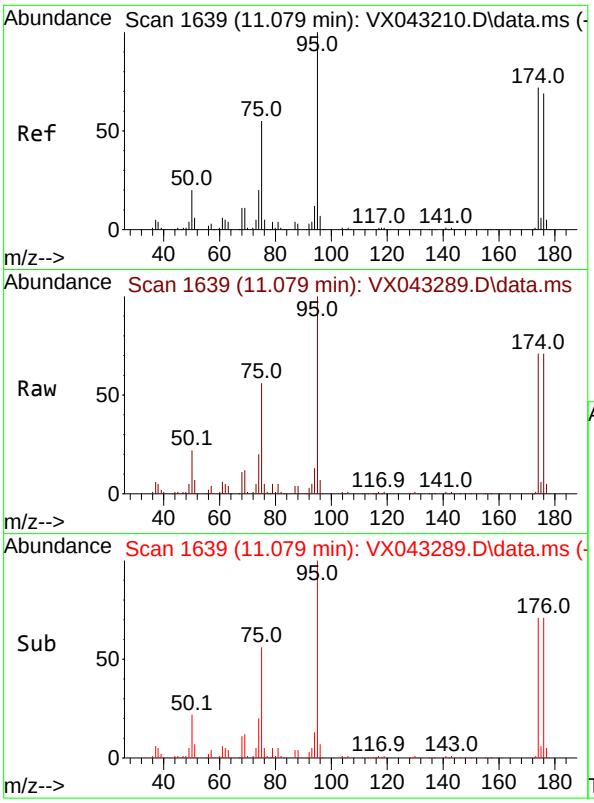


#50
Toluene-d8
Concen: 49.588 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Tgt Ion: 98 Resp: 177466

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6



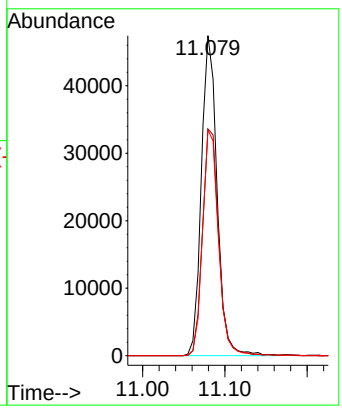


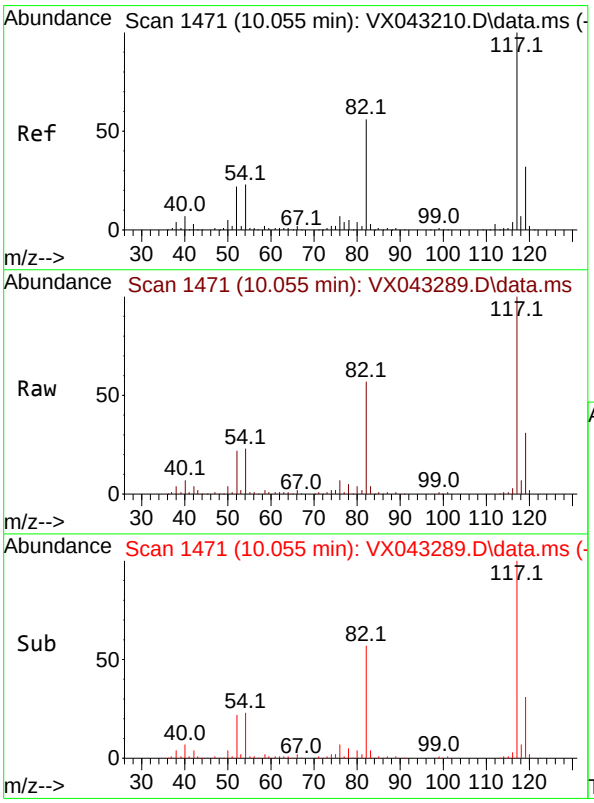
#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion: 95 Resp: 62925

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	145.0
176	71.3	0.0	143.0

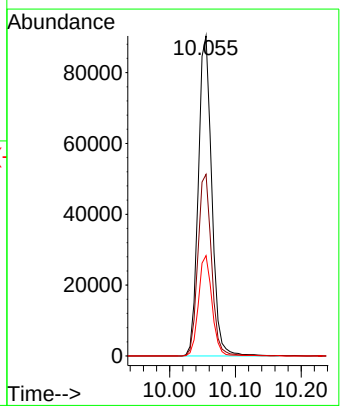


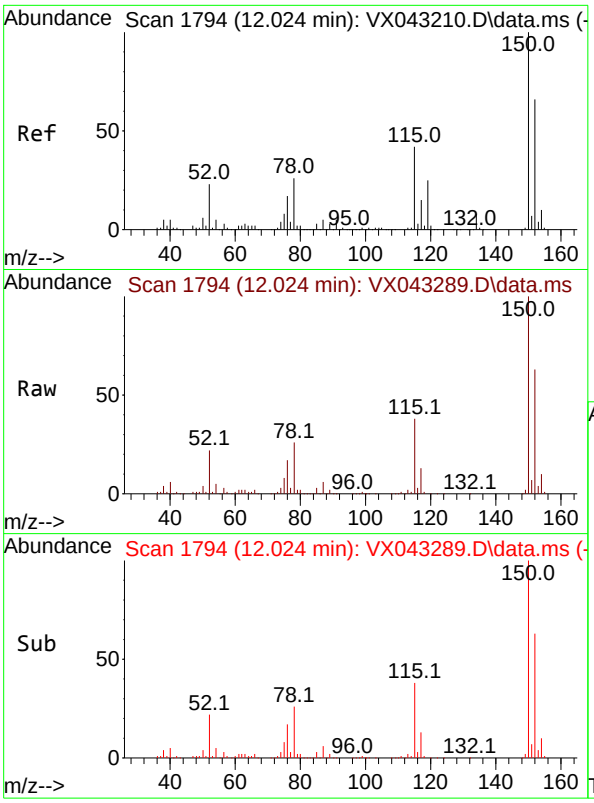


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Tgt Ion:117 Resp: 128705

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.6
119	31.3	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043289.D
Acq: 04 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
VNJ-208

Tgt Ion:152 Resp: 54092

Ion	Ratio	Lower	Upper
152	100		
115	64.3	44.1	132.3
150	161.8	0.0	347.4