Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027413.D
Acq On : 11 Mar 2022 19:38
Operator : JC/MD
Sample : N1895-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Quant Time: Mar 11 23:15:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	383045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	607744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	565737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	191216	42.807	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.620%			
35) Dibromofluoromethane	5.391	113	194468	49.590	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.180%			
50) Toluene-d8	8.653	98	710117	47.965	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.940%			
62) 4-Bromofluorobenzene	11.085	95	259785	46.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.080%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	338	Below Cal		95
6) Chloroethane	1.605	64	3856	1.839	ug/l #	60
11) Tert butyl alcohol	2.946	59	442	0.505	ug/l #	72
16) Acetone	2.386	43	4493	Below Cal		98
19) Methyl tert-butyl Ether	3.123	73	5637	0.458	ug/l	97
20) Methylene Chloride	2.794	84	1346	0.308	ug/l #	83
29) Tetrahydrofuran	5.044	42	1294	0.636	ug/l #	40
31) Cyclohexane	5.550	56	5665	0.907	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23392	4.296	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35390	6.286	ug/l #	15
41) Methacrylonitrile	5.031	41	863	0.279	ug/l #	34
51) 4-Methyl-2-Pentanone	8.653	43	2320	0.401	ug/l #	1
67) Ethyl Benzene	10.201	91	5109	0.249	ug/l	99
68) m/p-Xylenes	10.305	106	9802	1.217	ug/l	96
69) o-Xylene	10.646	106	3140	0.395	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	113198	19.505	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113198	63.079	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	4287	0.261	ug/l	98

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

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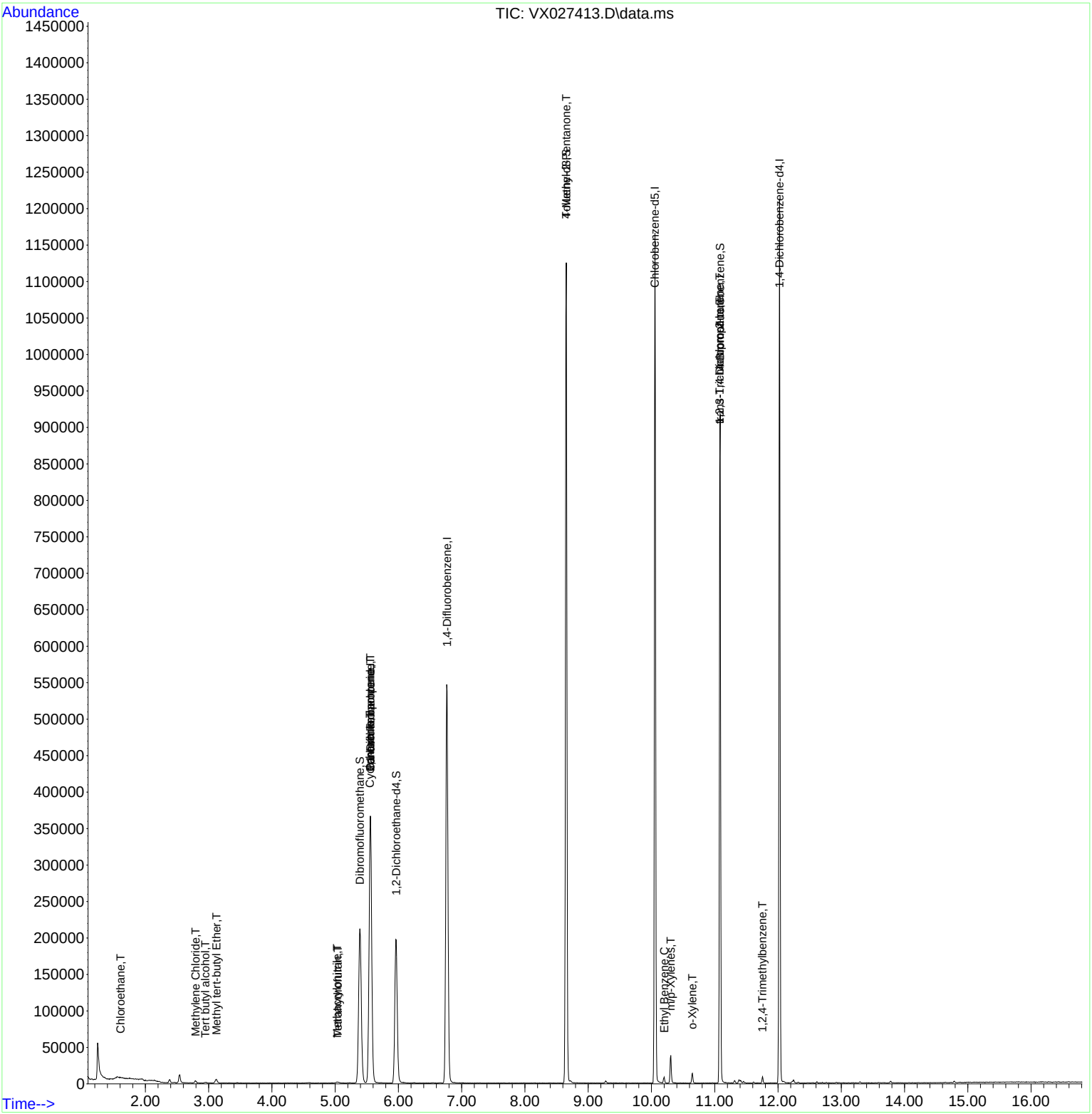
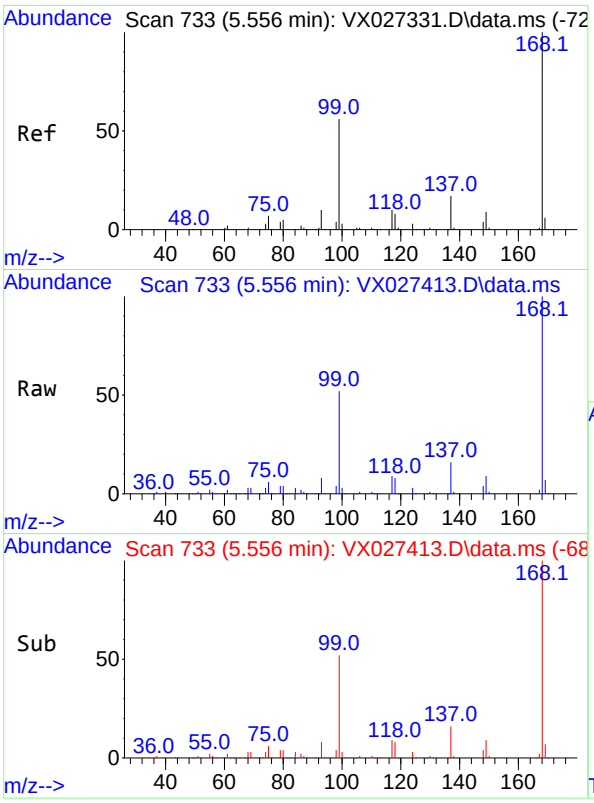


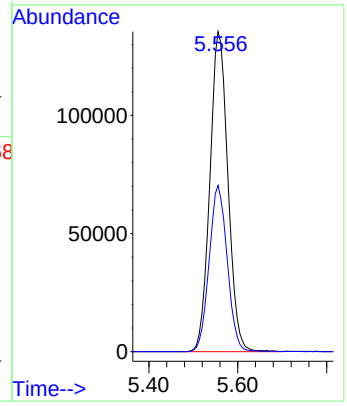


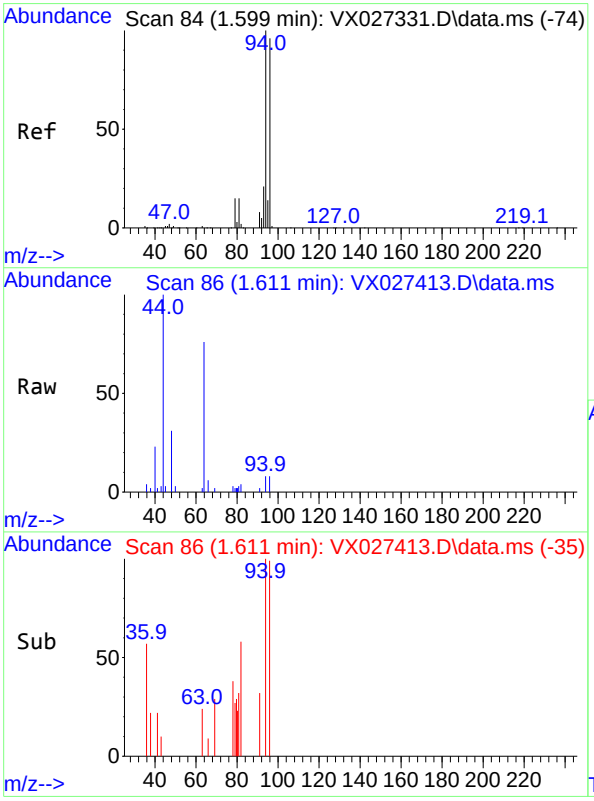
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion:168 Resp: 383045

Ion	Ratio	Lower	Upper
168	100		
99	52.0	41.7	62.5

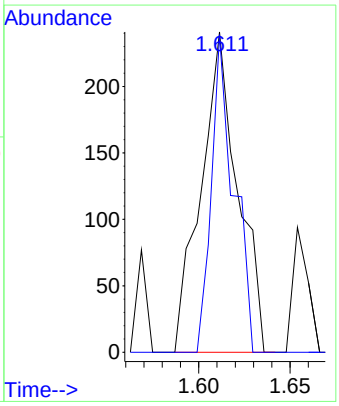


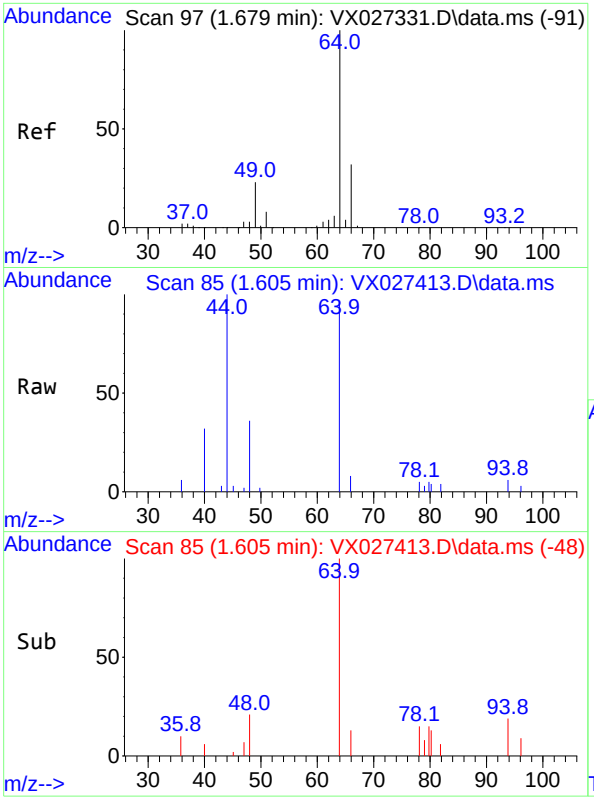


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 94 Resp: 338

Ion	Ratio	Lower	Upper
94	100		
96	99.2	75.3	112.9



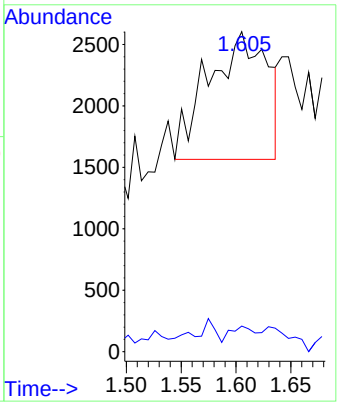


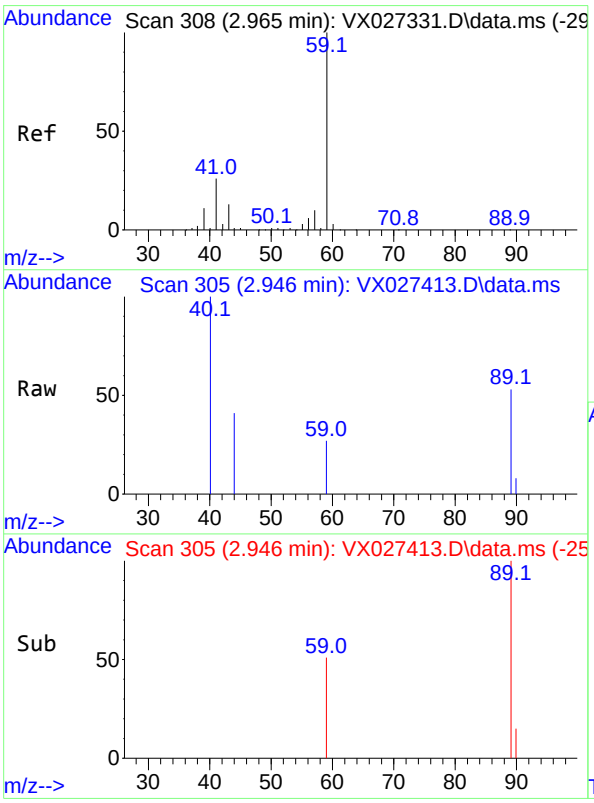
#6
Chloroethane
Concen: 1.839 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.074 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 64 Resp: 3856

Ion	Ratio	Lower	Upper
64	100		
66	9.4	25.3	37.9#

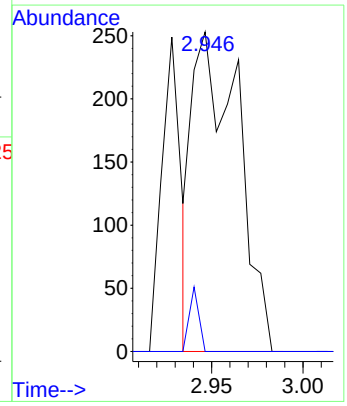


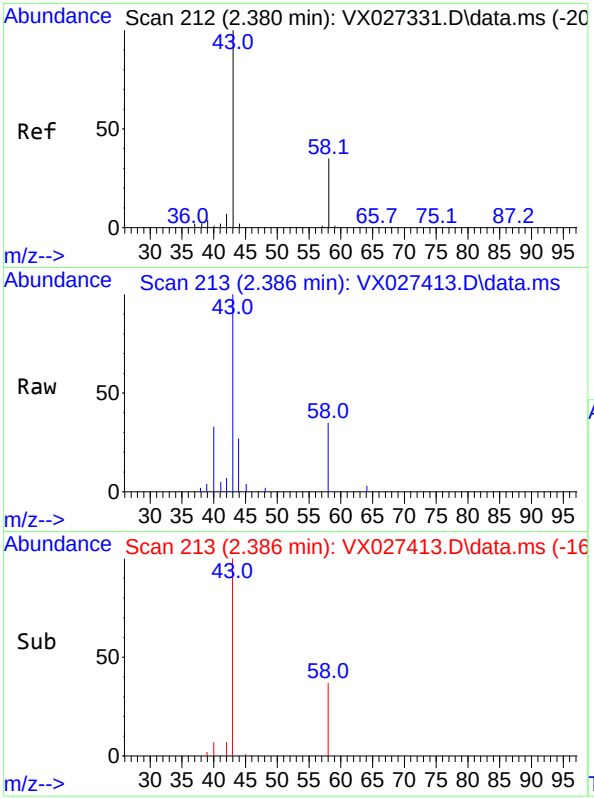


#11
Tert butyl alcohol
Concen: 0.505 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 59 Resp: 442

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



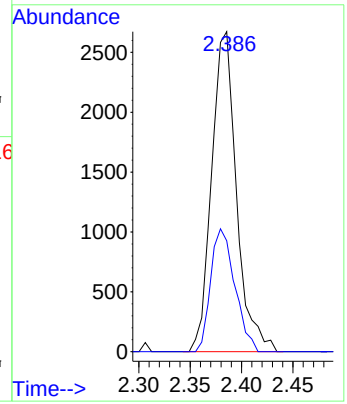


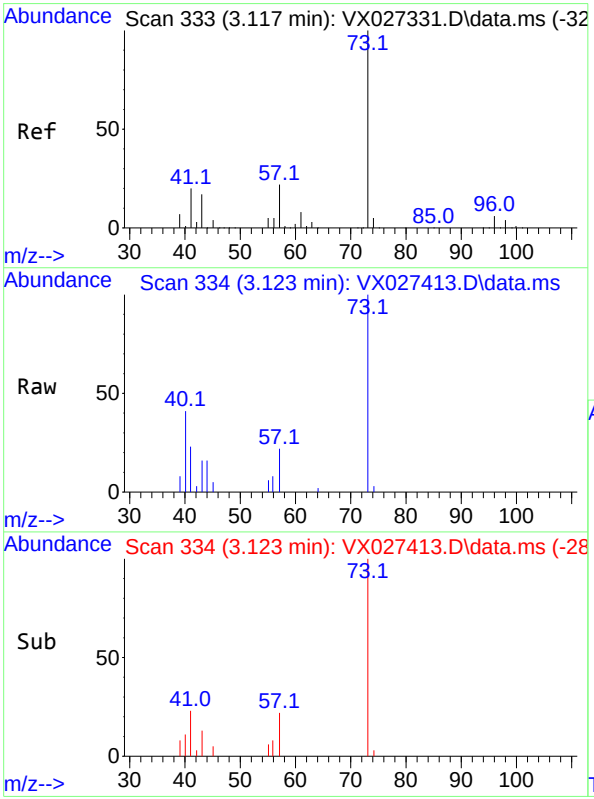
#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 43 Resp: 4493

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.8	43.2

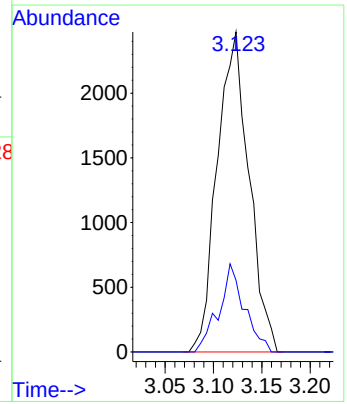


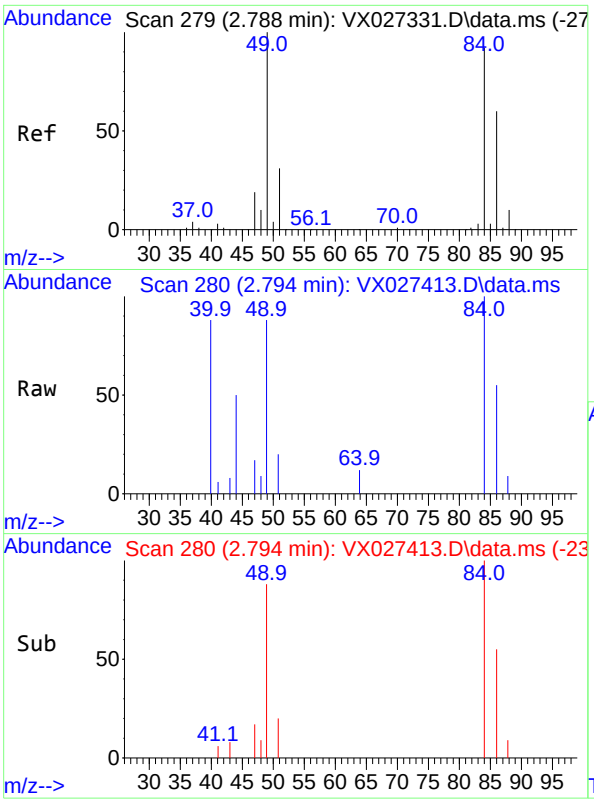


#19
Methyl tert-butyl Ether
Concen: 0.458 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 73 Resp: 5637

Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.8	25.2



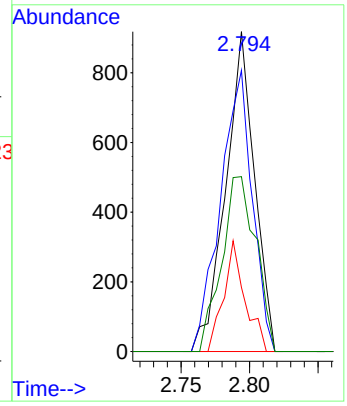


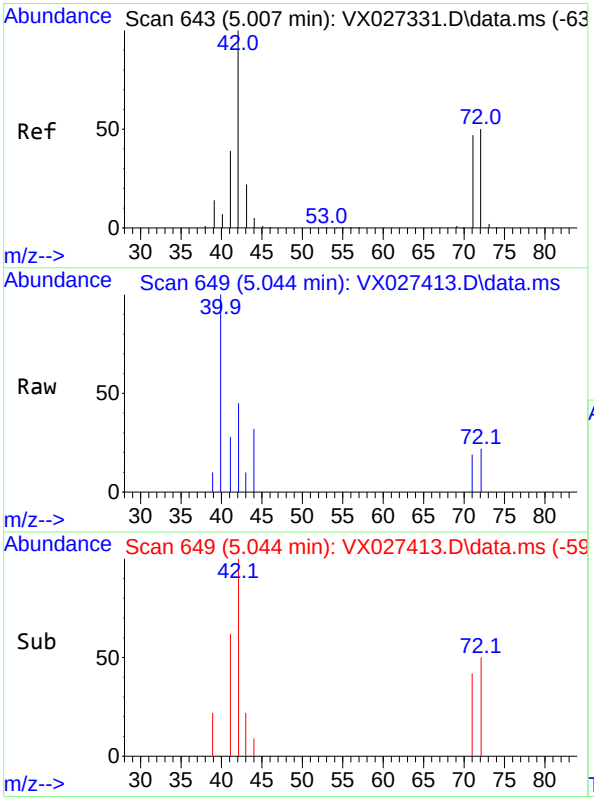
#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 84 Resp: 1346

Ion	Ratio	Lower	Upper
84	100		
49	87.9	85.5	128.3
51	20.0	26.6	39.8#
86	54.7	51.5	77.3

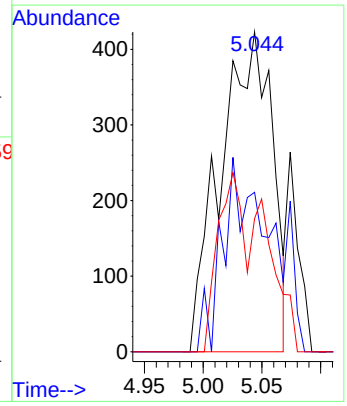


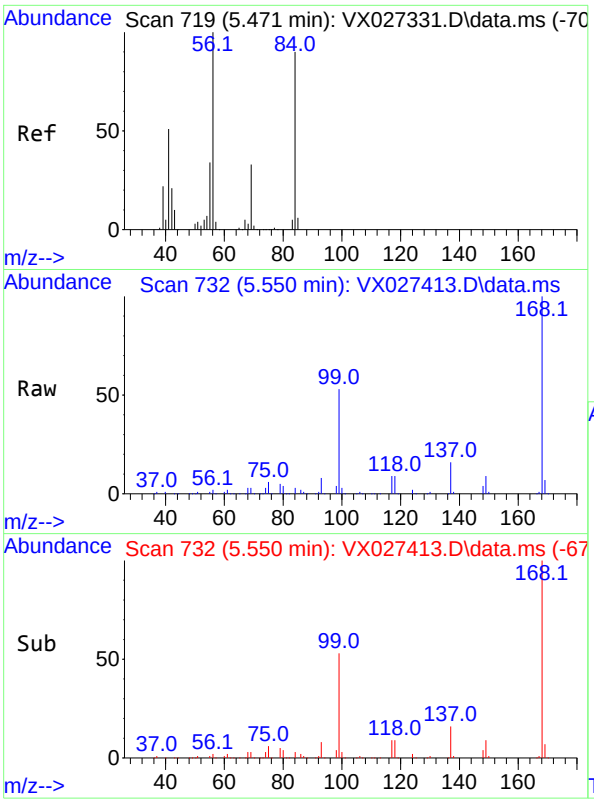


#29
Tetrahydrofuran
Concen: 0.636 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 42 Resp: 1294

Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.1	66.1#
71	21.9	40.5	60.7#



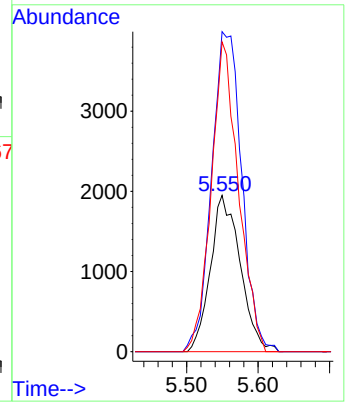


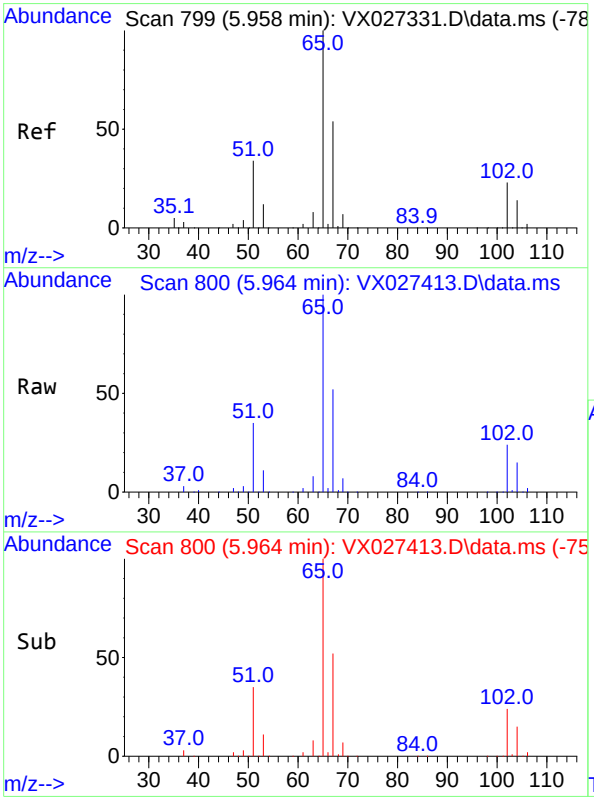
#31
Cyclohexane
Concen: 0.907 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 56 Resp: 5665

Ion	Ratio	Lower	Upper
56	100		
69	204.8	26.7	40.1#
84	198.3	77.2	115.8#

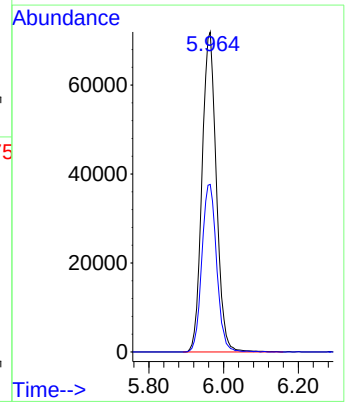


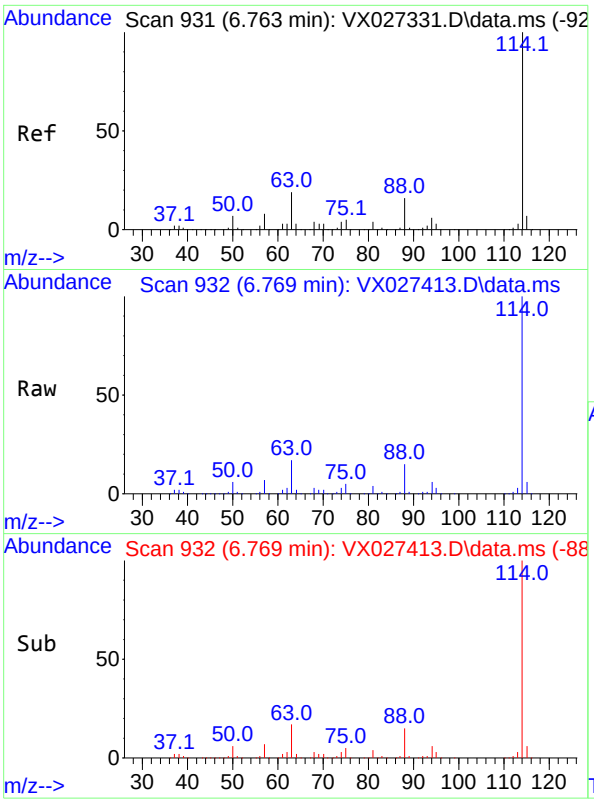


#33
1,2-Dichloroethane-d4
Concen: 42.807 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 65 Resp: 191216

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4



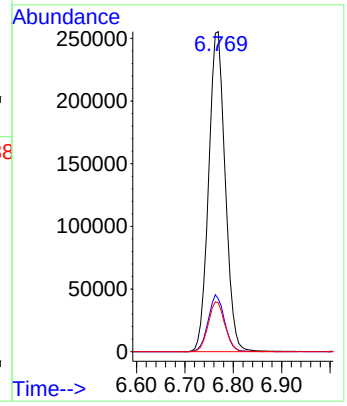


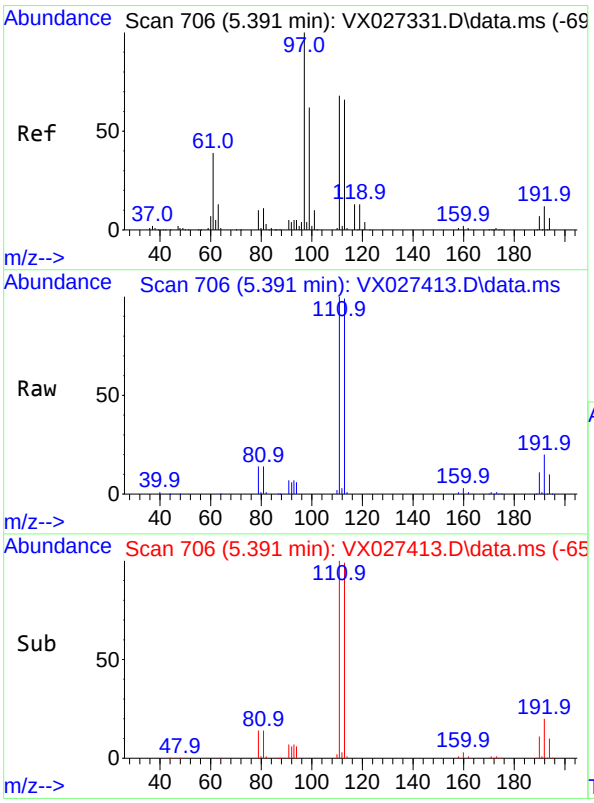
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion:114 Resp: 607744

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	36.8
88	15.3	0.0	32.4

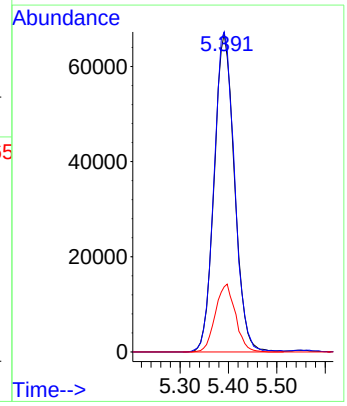


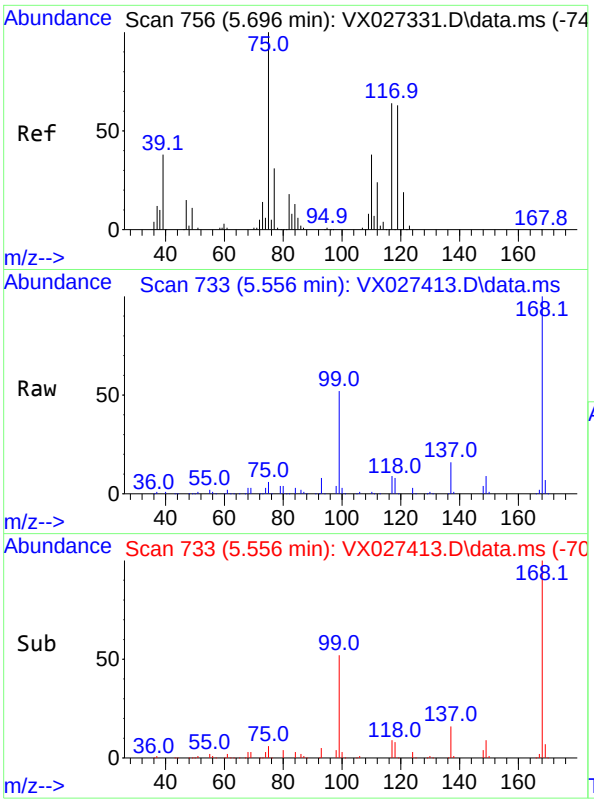


#35
Dibromofluoromethane
Concen: 49.590 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion:113 Resp: 194468

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.8	124.2
192	21.2	16.9	25.3



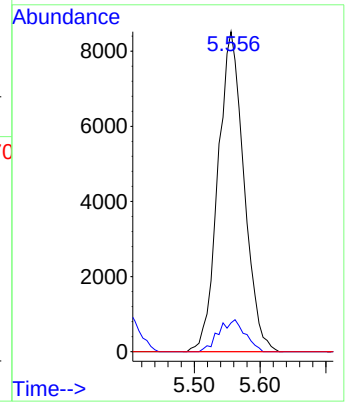


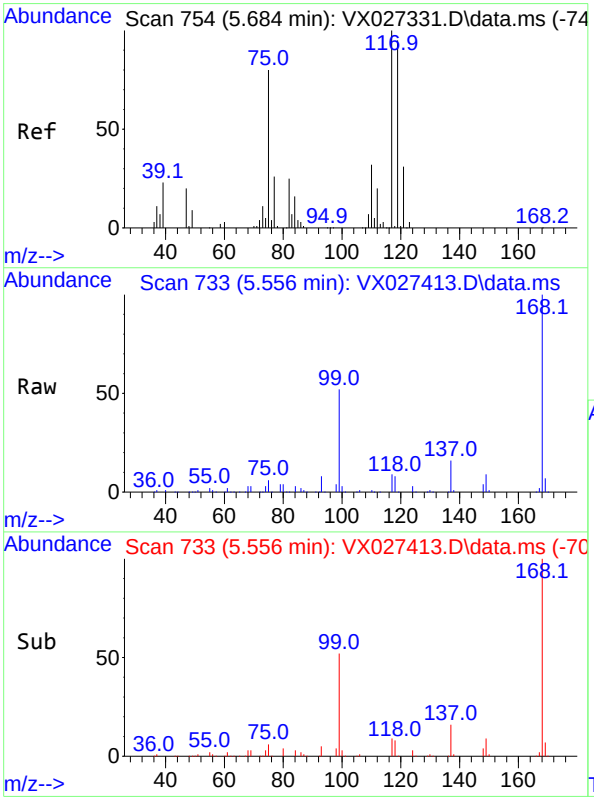
#36
1,1-Dichloropropene
Concen: 4.296 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 75 Resp: 23392

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.3	54.8#
77	0.0	24.8	37.2#

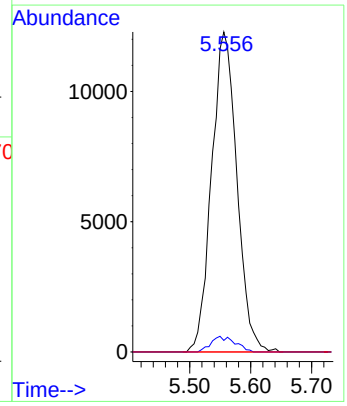


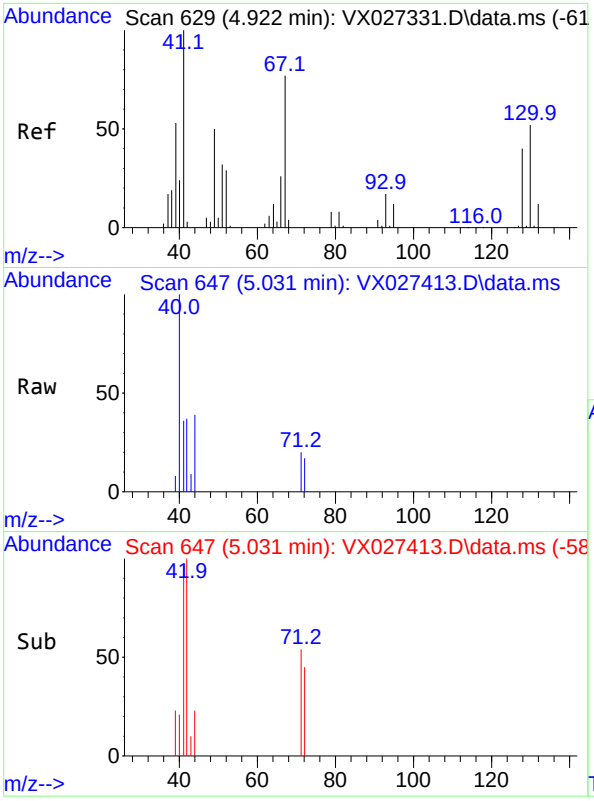


#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion:117 Resp: 35390

Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.3	115.9#
121	0.0	24.2	36.2#



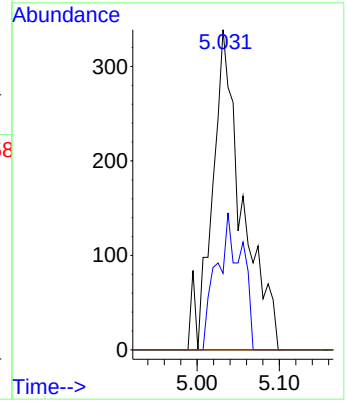


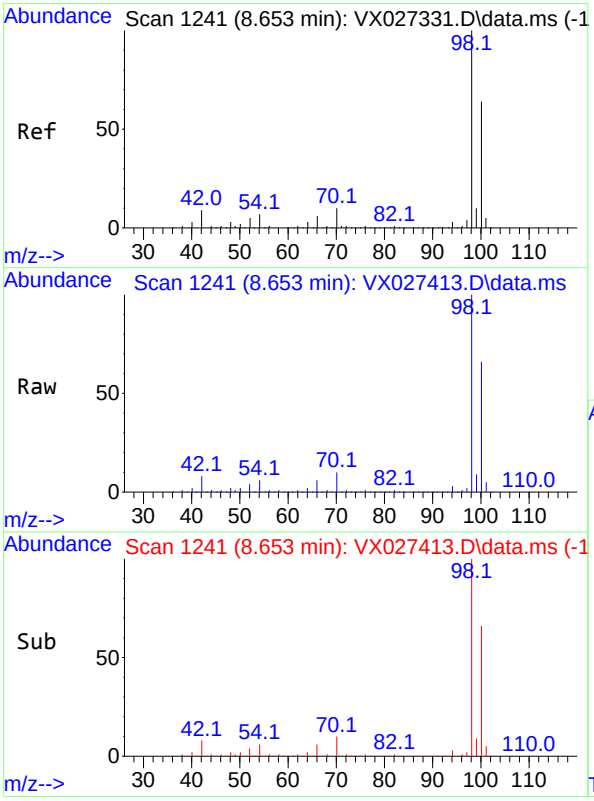
#41
Methacrylonitrile
Concen: 0.279 ug/l
RT: 5.031 min Scan# 64
Delta R.T. 0.109 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 41 Resp: 863

Ion	Ratio	Lower	Upper
41	100		
39	35.7	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#

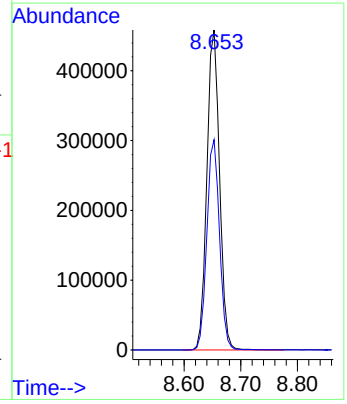


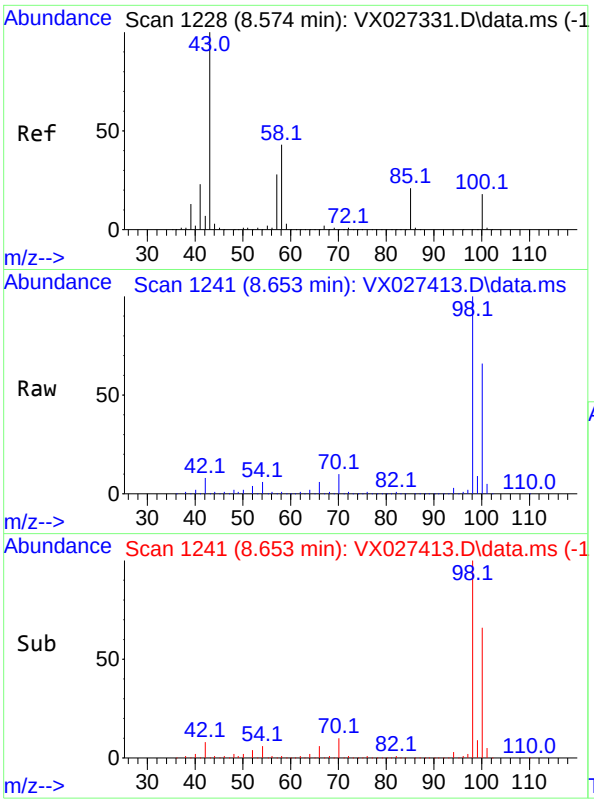


#50
Toluene-d8
Concen: 47.965 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 98 Resp: 710117

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8



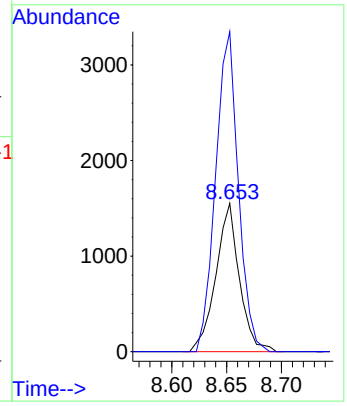


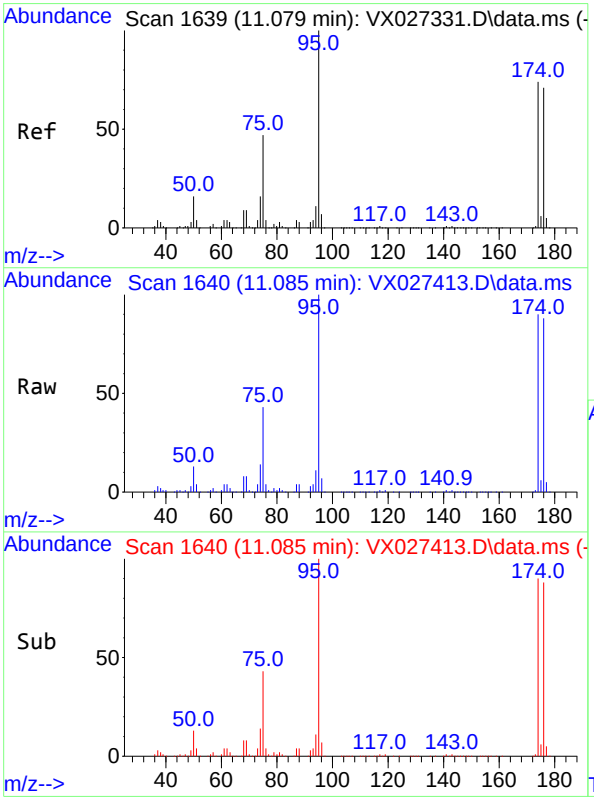
#51
4-Methyl-2-Pentanone
Concen: 0.401 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.079 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 43 Resp: 2320

Ion	Ratio	Lower	Upper
43	100		
58	207.9	36.1	54.1#

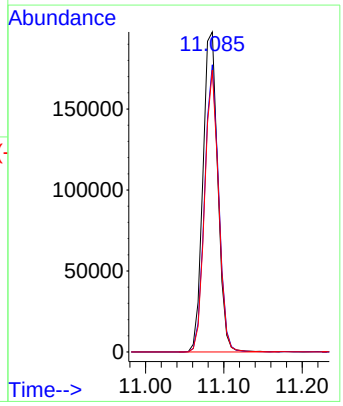


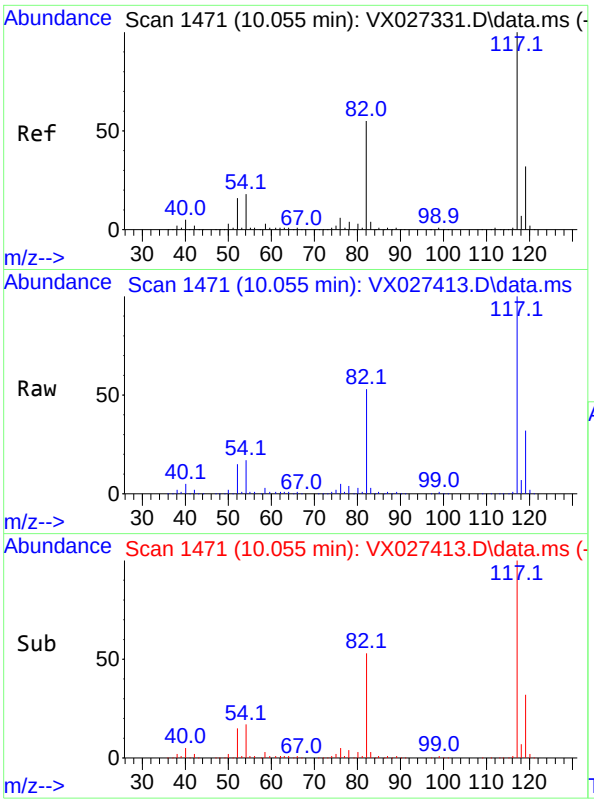


#62
4-Bromofluorobenzene
Concen: 46.040 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 95 Resp: 259785

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	163.0
176	82.5	0.0	155.0



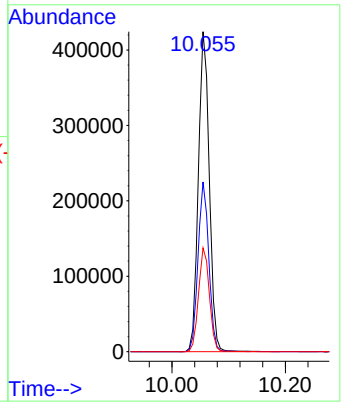


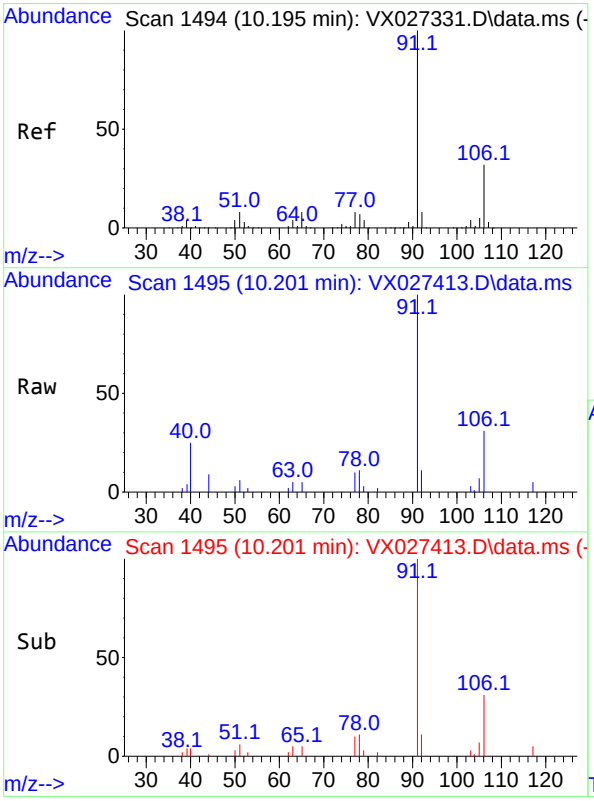
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion:117 Resp: 565737

Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.8	62.8
119	32.5	24.8	37.2

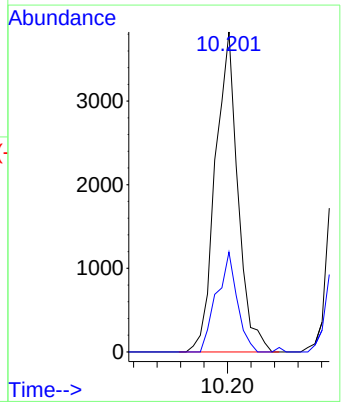


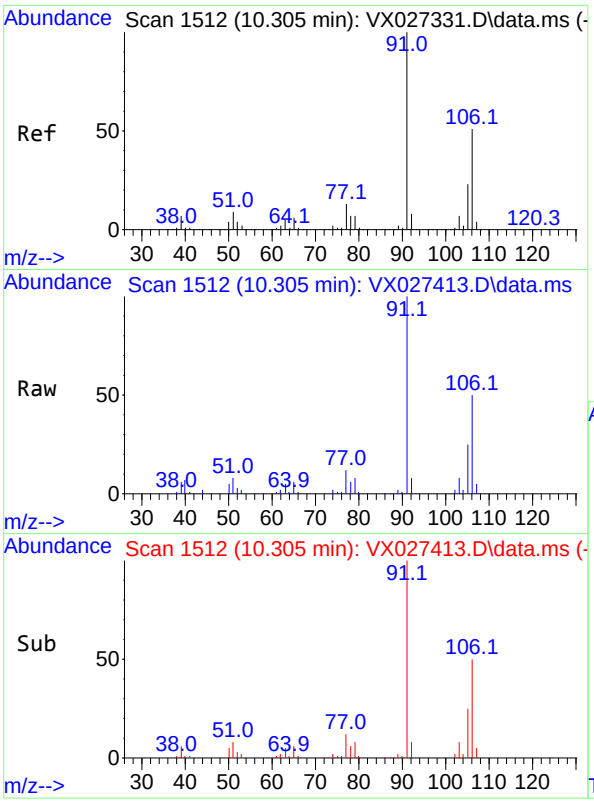


#67
Ethyl Benzene
Concen: 0.249 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 91 Resp: 5109

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.6	36.8



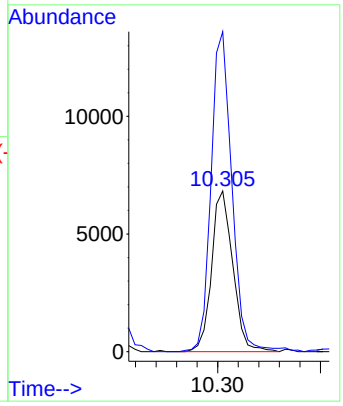


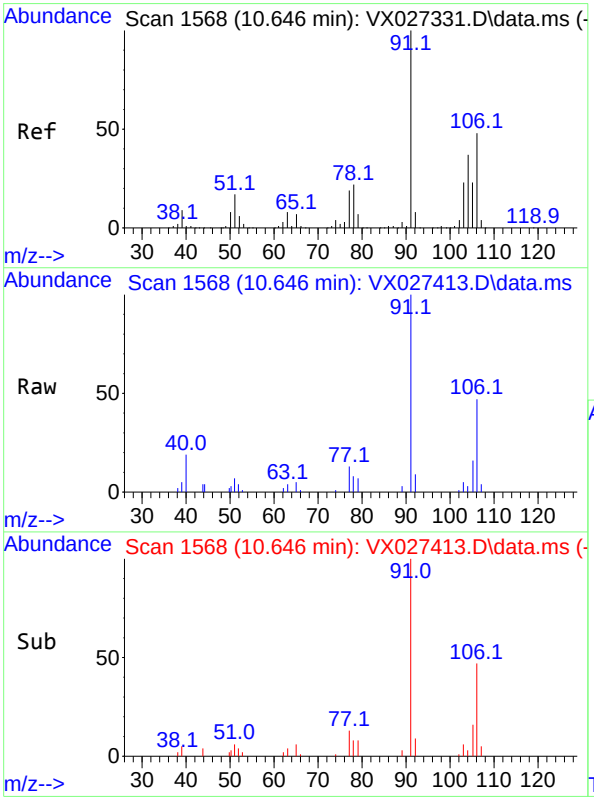
#68
m/p-Xylenes
Concen: 1.217 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion:106 Resp: 9802

Ion	Ratio	Lower	Upper
106	100		
91	195.2	160.4	240.6

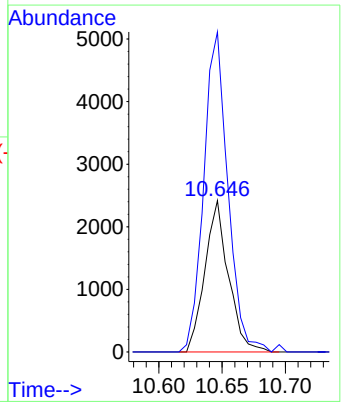


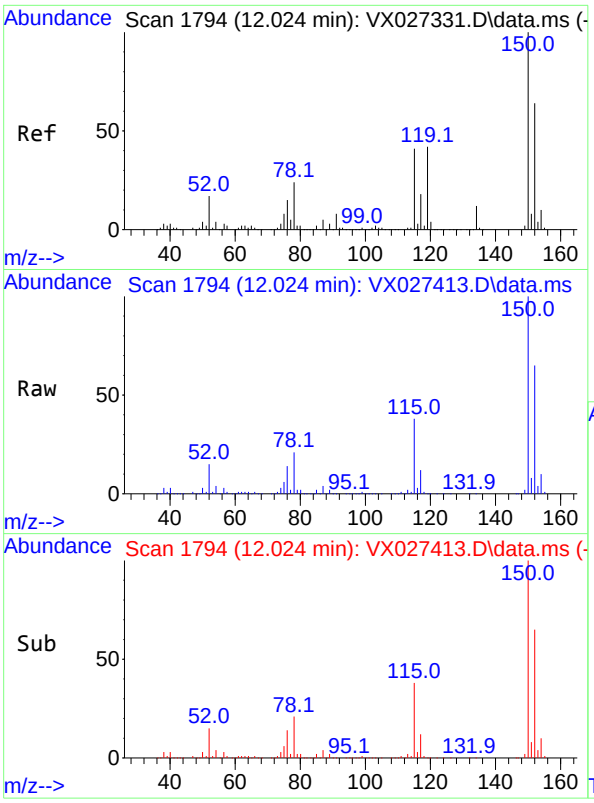


#69
o-Xylene
Concen: 0.395 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion:106 Resp: 3140

Ion	Ratio	Lower	Upper
106	100		
91	217.5	106.1	318.1



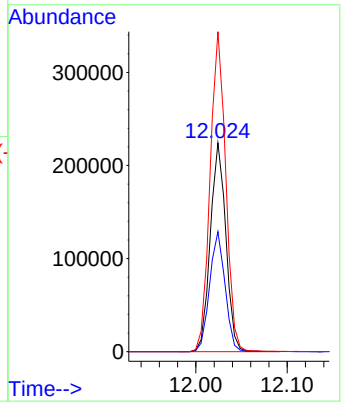


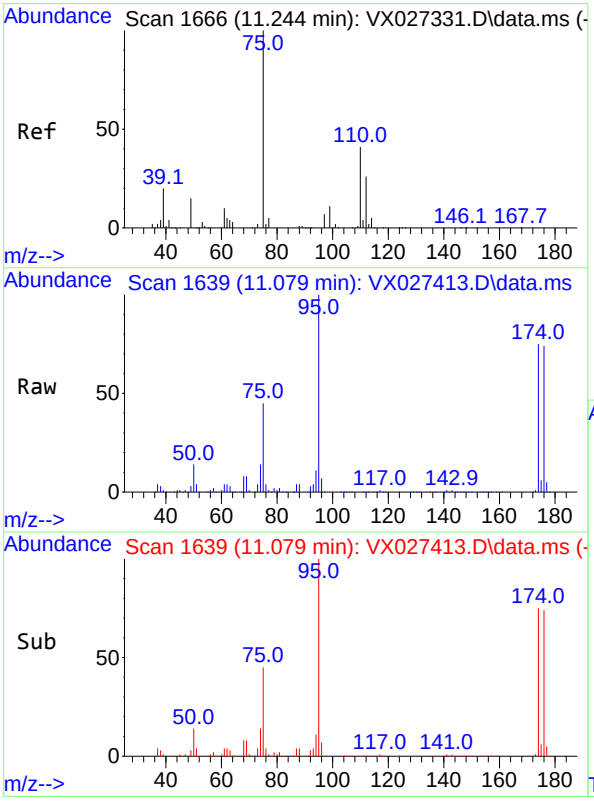
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion:152 Resp: 264522

Ion	Ratio	Lower	Upper
152	100		
115	57.0	37.5	112.7
150	153.9	0.0	338.2

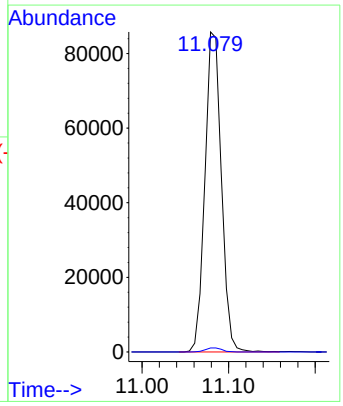


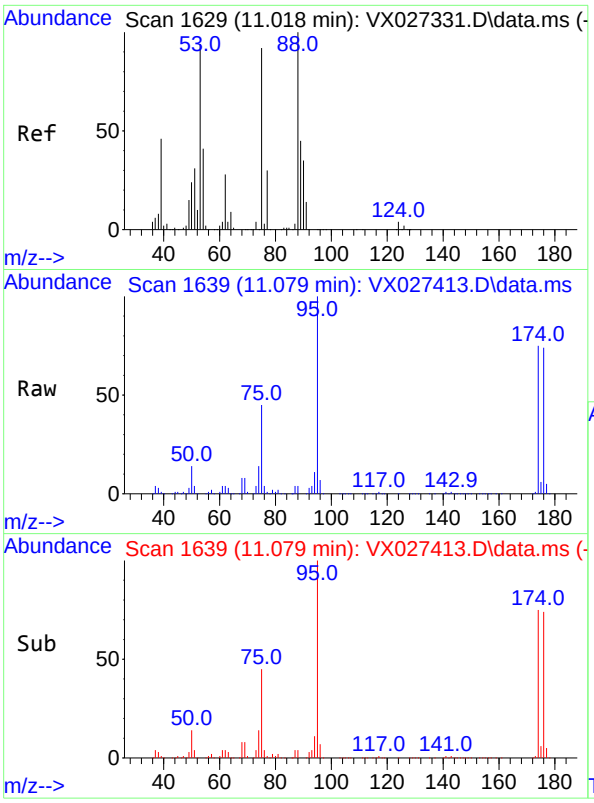


#76
1,2,3-Trichloropropane
Concen: 19.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion: 75 Resp: 113198

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.4	58.2#



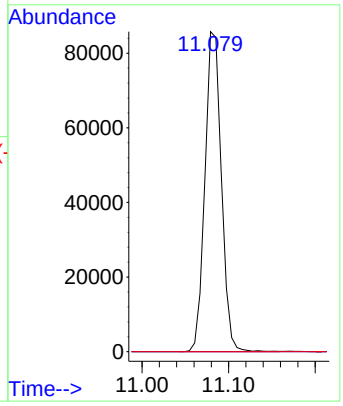


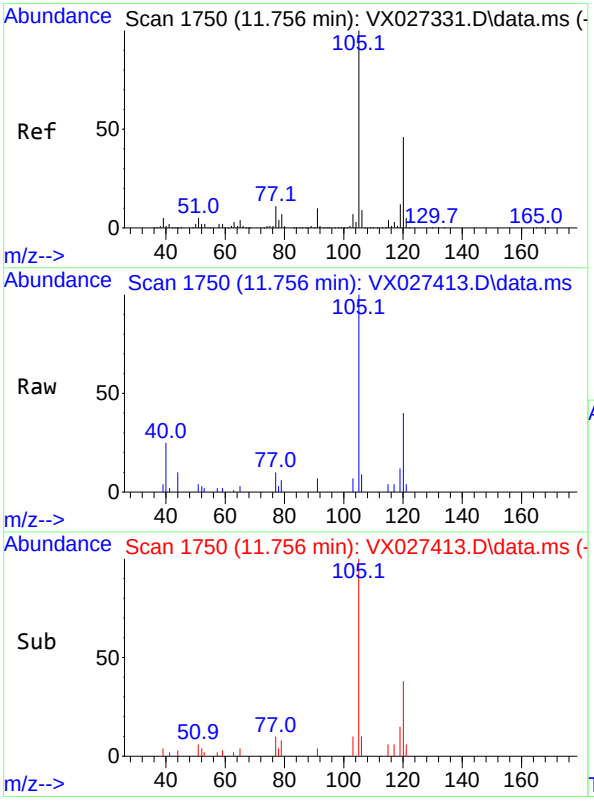
#81
trans-1,4-Dichloro-2-butene
Concen: 63.079 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
MW-122

Tgt Ion: 75 Resp: 113198

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.0	103.4#
89	0.0	37.0	55.6#





#84
1,2,4-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027413.D
Acq: 11 Mar 2022 19:38

Tgt Ion:105 Resp: 4287

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.6	67.8