Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
Data File : VX032704.D
Acq On : 10 Nov 2022 04:08
Operator : JC/MD
Sample : N5502-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2182

Quant Time: Nov 10 05:21:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	128004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91507	51.449	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.900%			
35) Dibromofluoromethane	5.385	113	70067	46.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.540%			
50) Toluene-d8	8.647	98	265572	50.434	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	105093	51.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.180%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	684	0.548	ug/l #	43
5) Bromomethane	1.624	94	229	0.209	ug/l	85
10) Methyl Iodide	2.465	142	64	1.957	ug/l #	37
11) Tert butyl alcohol	2.946	59	2409	9.306	ug/l #	72
16) Acetone	2.392	43	8185	12.662	ug/l	97
18) Methyl Acetate	2.709	43	1296	0.617	ug/l #	77
20) Methylene Chloride	2.788	84	6247	4.215	ug/l	88
25) 2-Butanone	4.593	43	1250	1.248	ug/l #	84
29) Tetrahydrofuran	5.038	42	364	0.570	ug/l #	43
31) Cyclohexane	5.544	56	2843	1.318	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	9895	4.692	ug/l #	50
37) Ethyl Acetate	4.714	43	14616	6.659	ug/l	99
38) Carbon Tetrachloride	5.550	117	13283	5.679	ug/l #	16
41) Methacrylonitrile	5.013	41	280	0.250	ug/l #	21
43) Isopropyl Acetate	6.336	43	70860	21.024	ug/l	98
48) Methyl methacrylate	7.799	41	63586	36.530	ug/l #	44
51) 4-Methyl-2-Pentanone	8.549	43	60278	28.394	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	527	0.232	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	26743	11.006	ug/l #	61
56) Ethyl methacrylate	9.238	69	525	0.222	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3262	1.232	ug/l #	42
59) 2-Hexanone	9.482	43	45164	28.672	ug/l #	51
74) N-amyl acetate	10.640	43	14969	5.356	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	57545	27.711	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	57545	88.176	ug/l #	6

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

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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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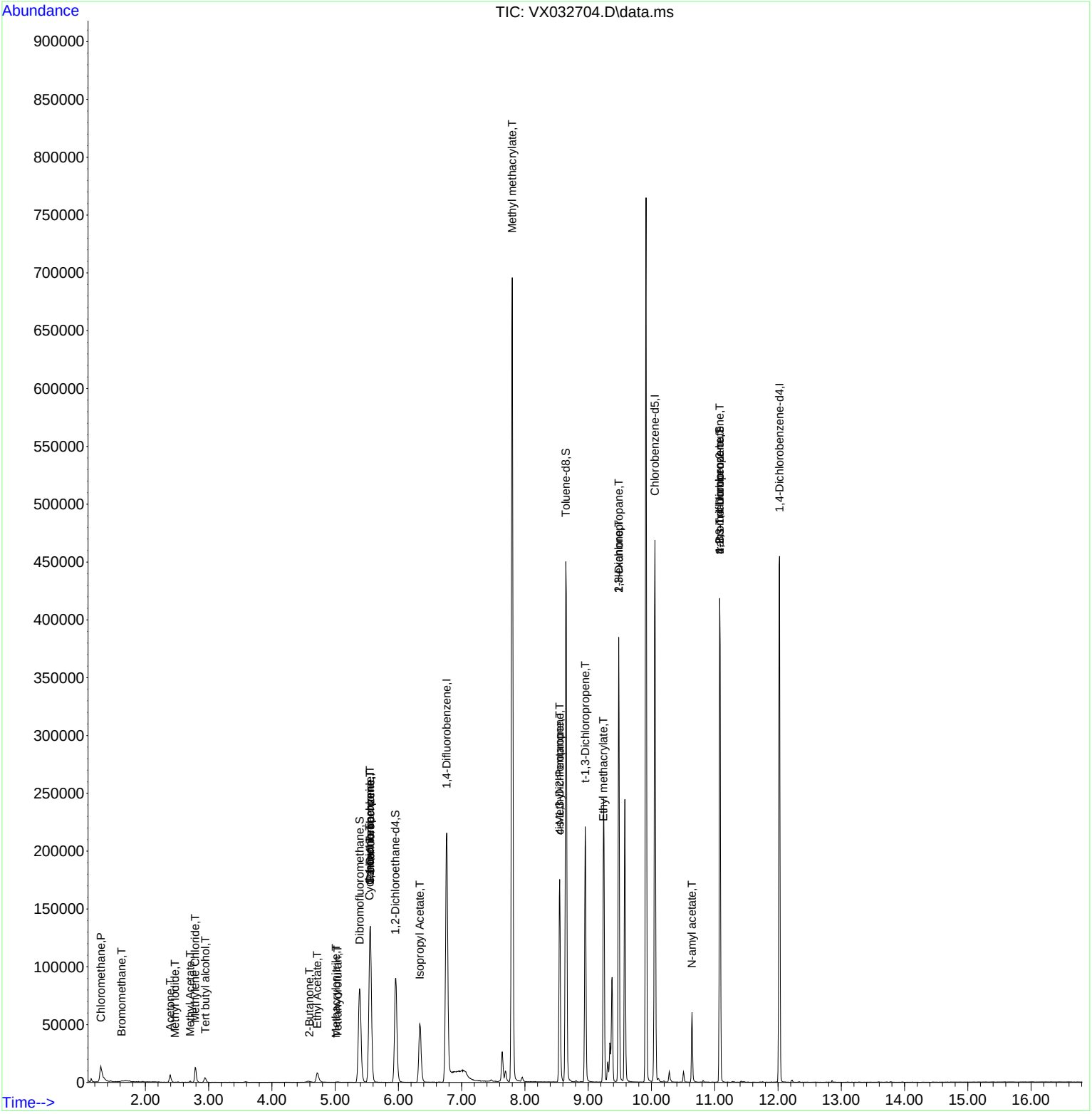
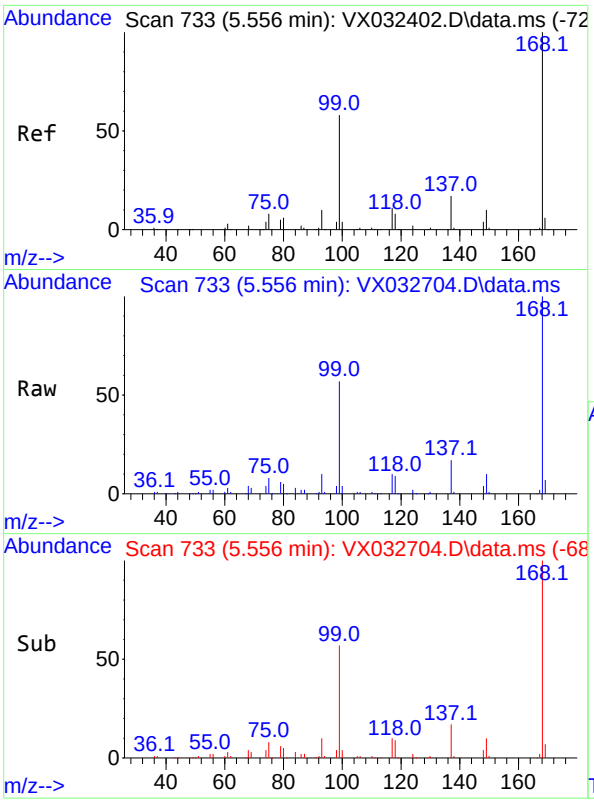
ClientSampleId :
2182

Quant Time: Nov 10 05:21:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



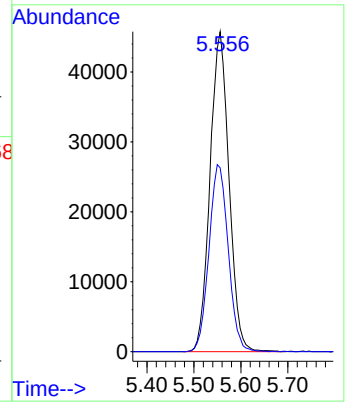


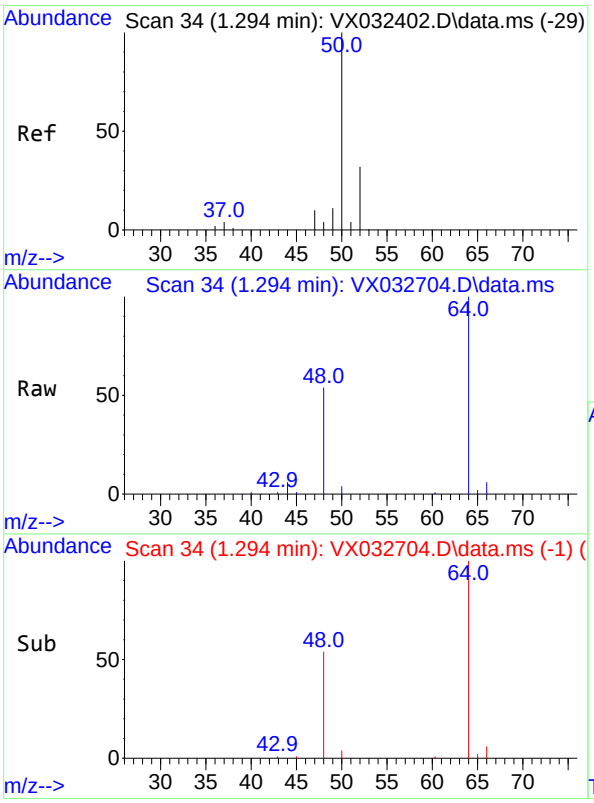
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion:168 Resp: 128004

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.1	69.1

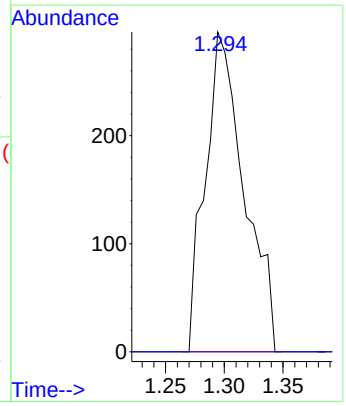


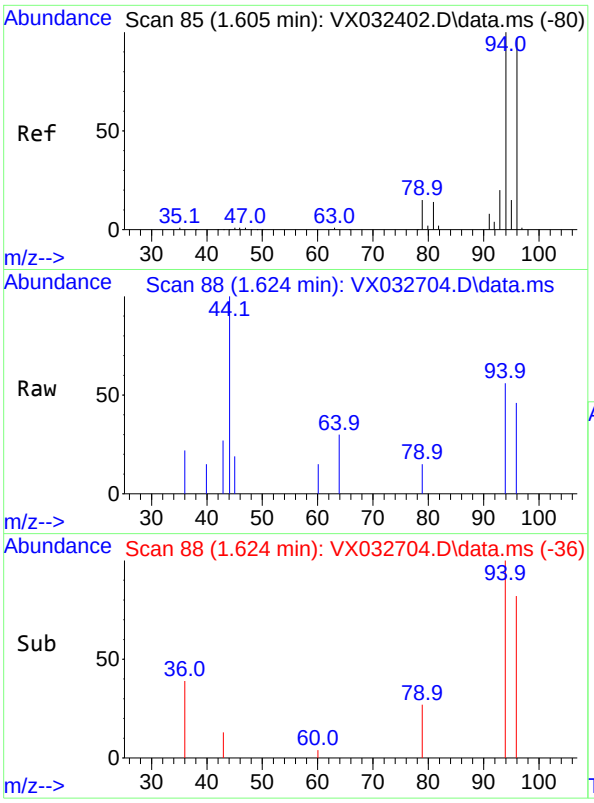


#3
Chloromethane
Concen: 0.548 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 50 Resp: 684

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



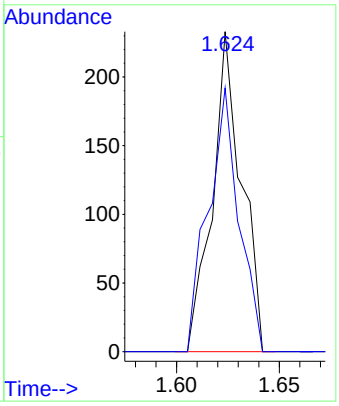


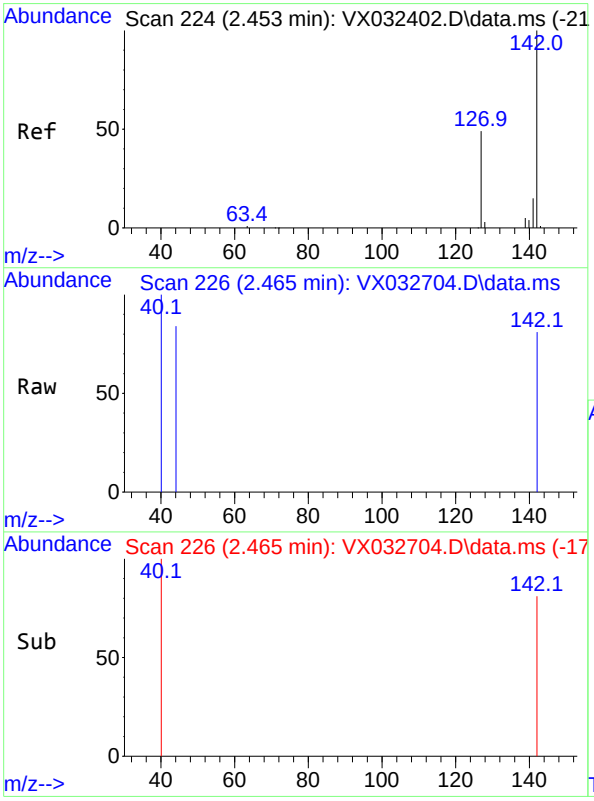
#5
Bromomethane
Concen: 0.209 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 94 Resp: 229

Ion	Ratio	Lower	Upper
94	100		
96	82.4	77.6	116.4

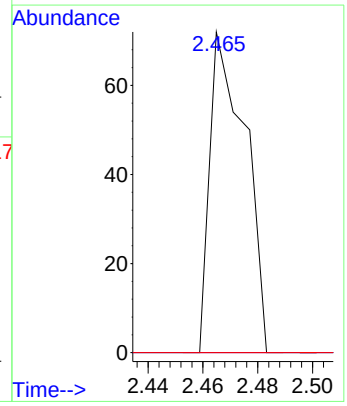


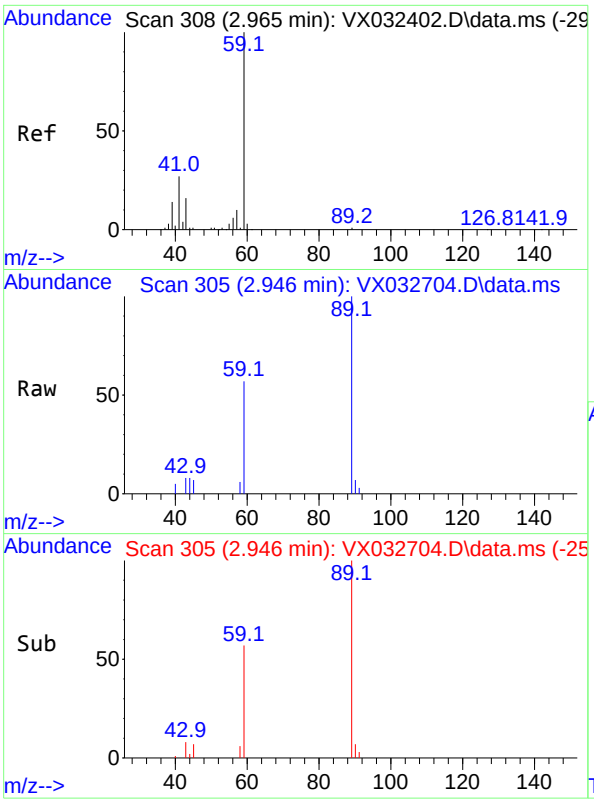


#10
Methyl Iodide
Concen: 1.957 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.6	57.8#
141	0.0	11.4	17.2#



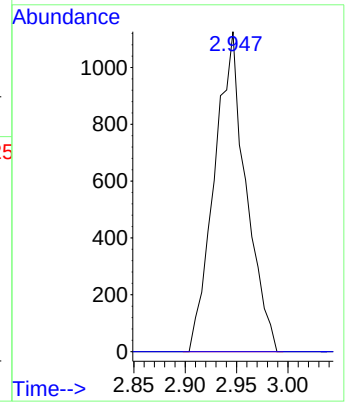


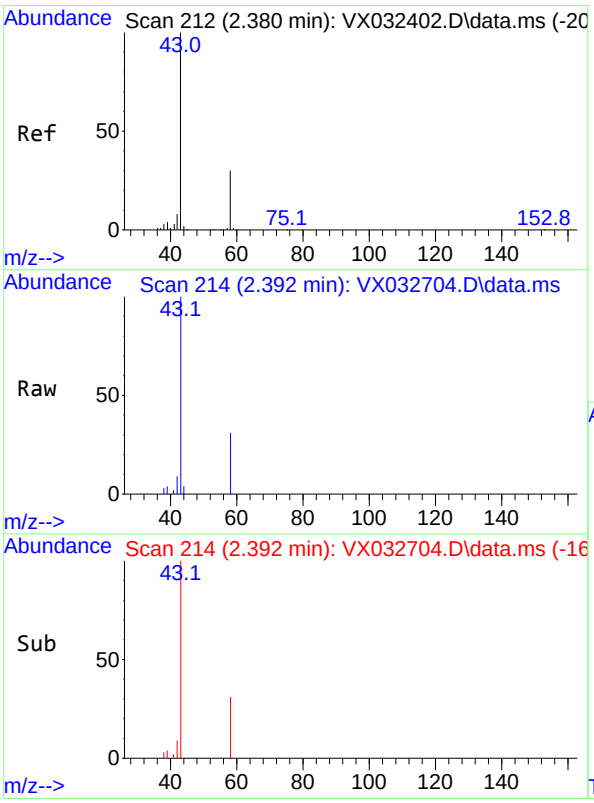
#11
Tert butyl alcohol
Concen: 9.306 ug/l
RT: 2.946 min Scan# 3
Delta R.T. -0.018 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 59 Resp: 2409

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

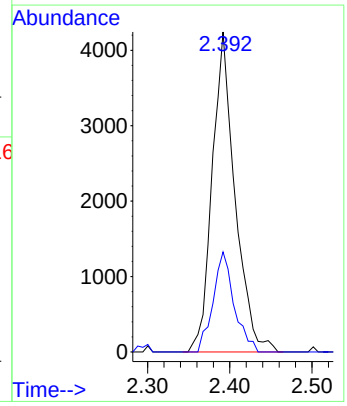


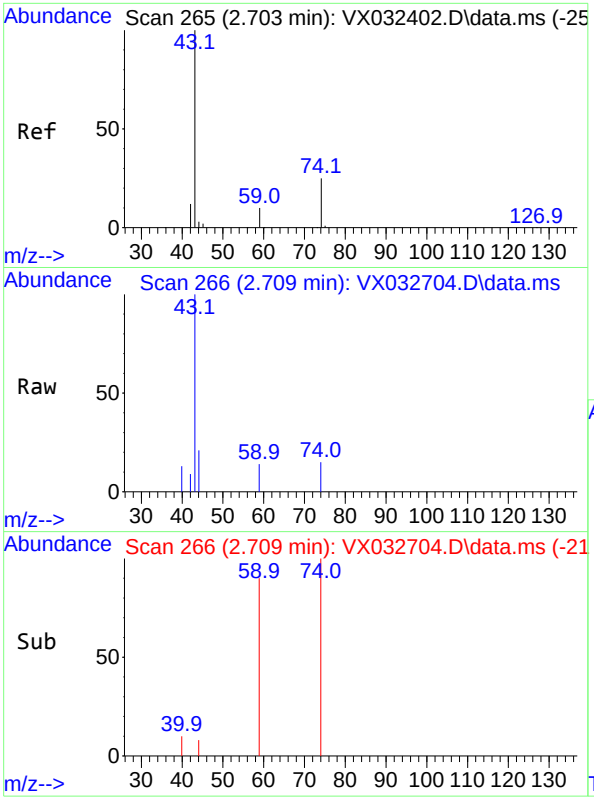


#16
Acetone
Concen: 12.662 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 43 Resp: 8185

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.8	35.8



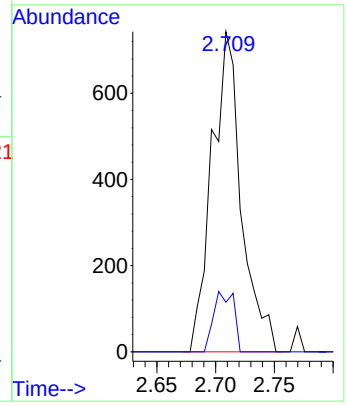


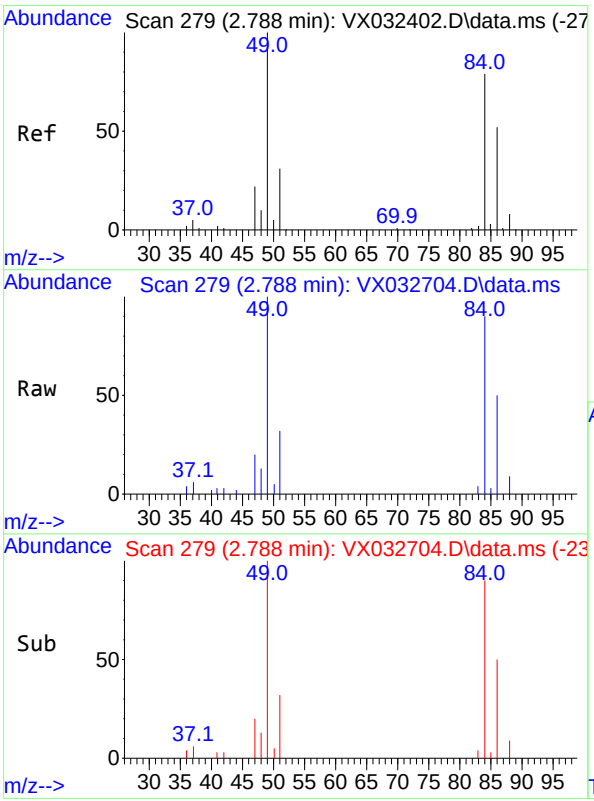
#18
Methyl Acetate
Concen: 0.617 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 43 Resp: 1296

Ion	Ratio	Lower	Upper
43	100		
74	12.8	19.4	29.0#

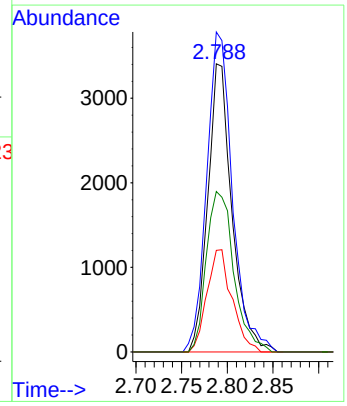


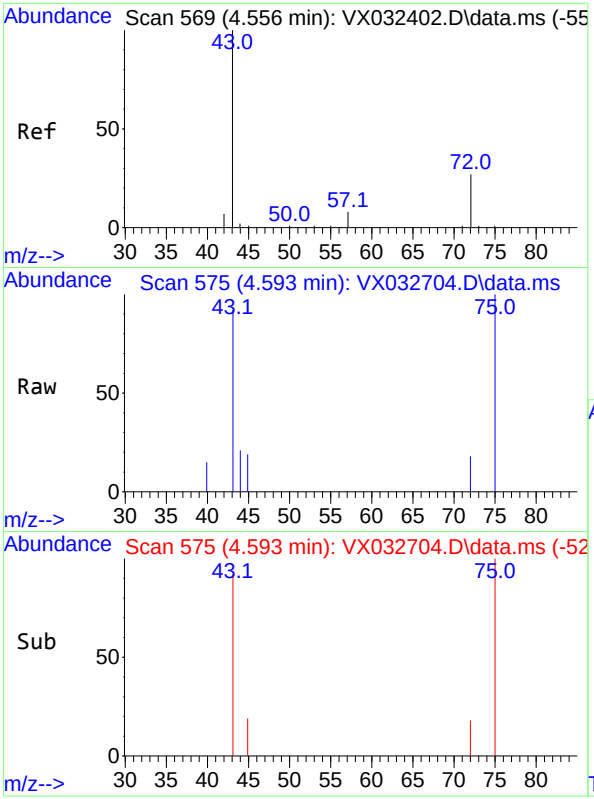


#20
Methylene Chloride
Concen: 4.215 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 84 Resp: 6247

Ion	Ratio	Lower	Upper
84	100		
49	111.0	101.0	151.6
51	35.2	31.1	46.7
86	55.7	52.3	78.5



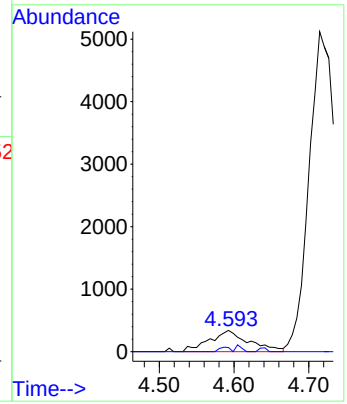


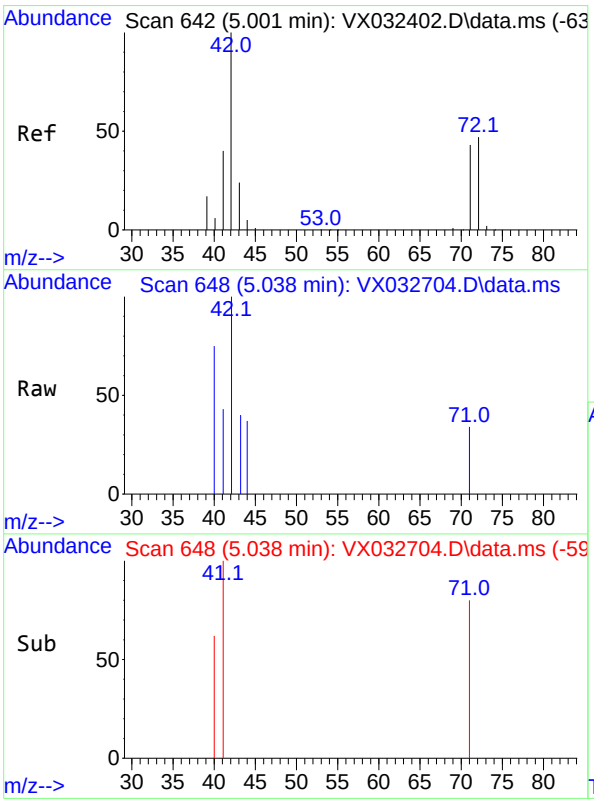
#25
2-Butanone
Concen: 1.248 ug/l
RT: 4.593 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 43 Resp: 1250

Ion	Ratio	Lower	Upper
43	100		
72	19.1	22.2	33.2#

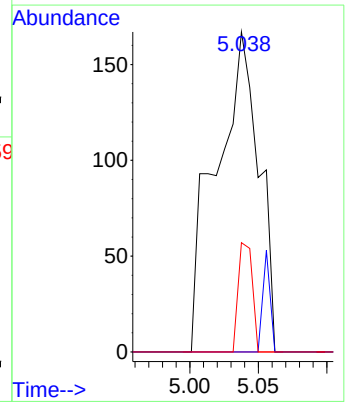


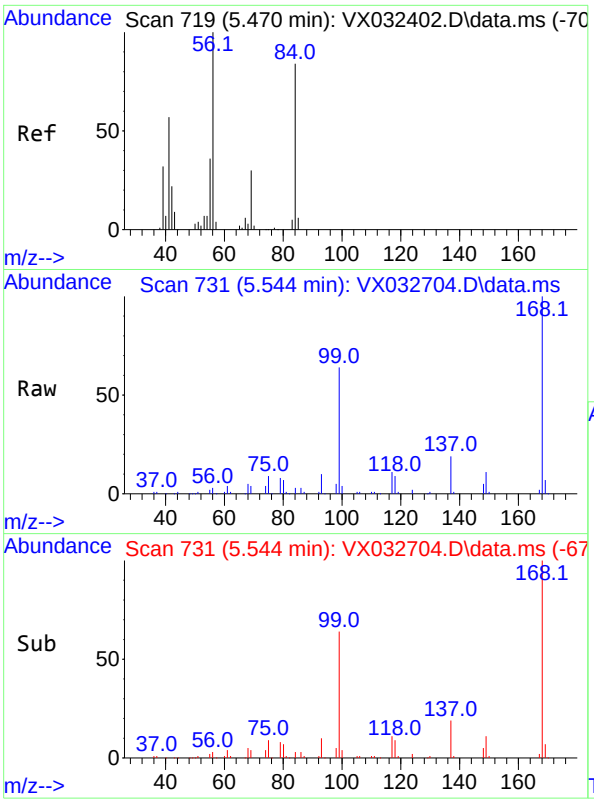


#29
Tetrahydrofuran
Concen: 0.570 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 42 Resp: 364

Ion	Ratio	Lower	Upper
42	100		
72	5.2	37.6	56.4#
71	11.3	34.7	52.1#



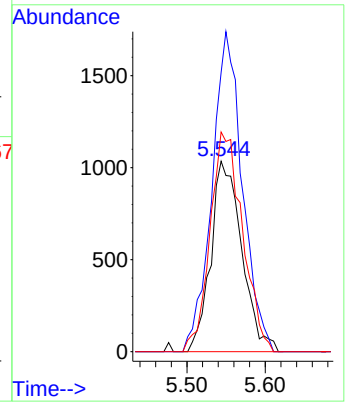


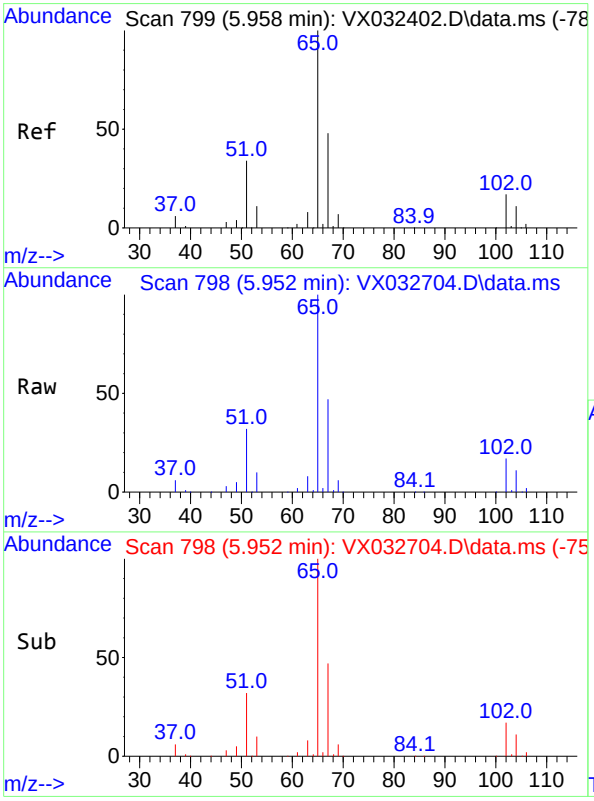
#31
Cyclohexane
Concen: 1.318 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 56 Resp: 2843

Ion	Ratio	Lower	Upper
56	100		
69	146.6	24.1	36.1#
84	115.4	66.9	100.3#

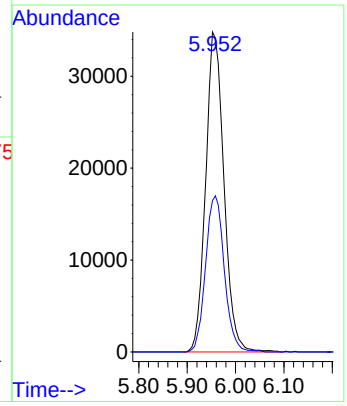


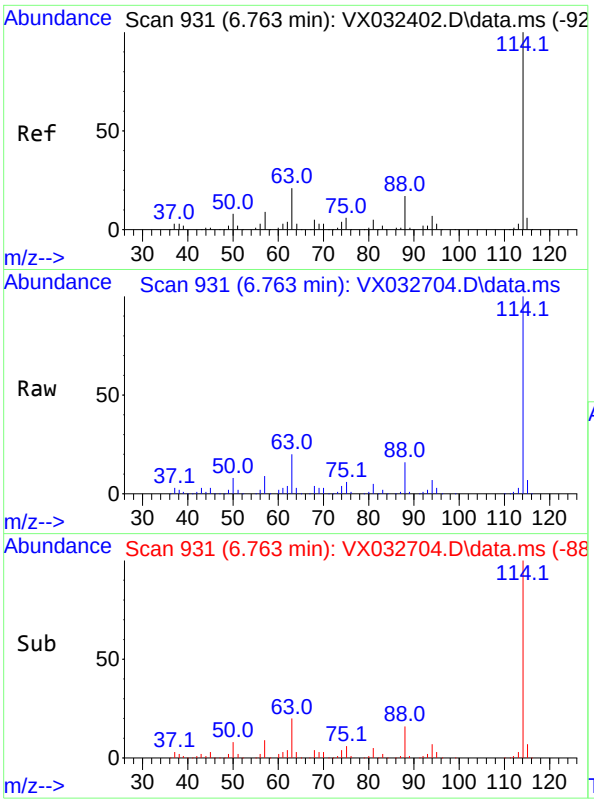


#33
1,2-Dichloroethane-d4
Concen: 51.449 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 65 Resp: 91507

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.8



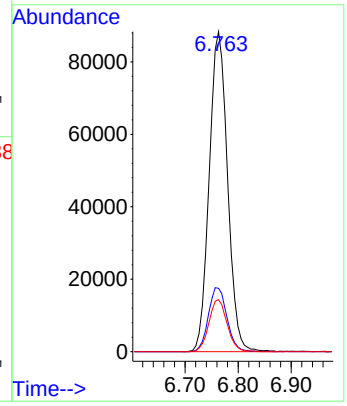


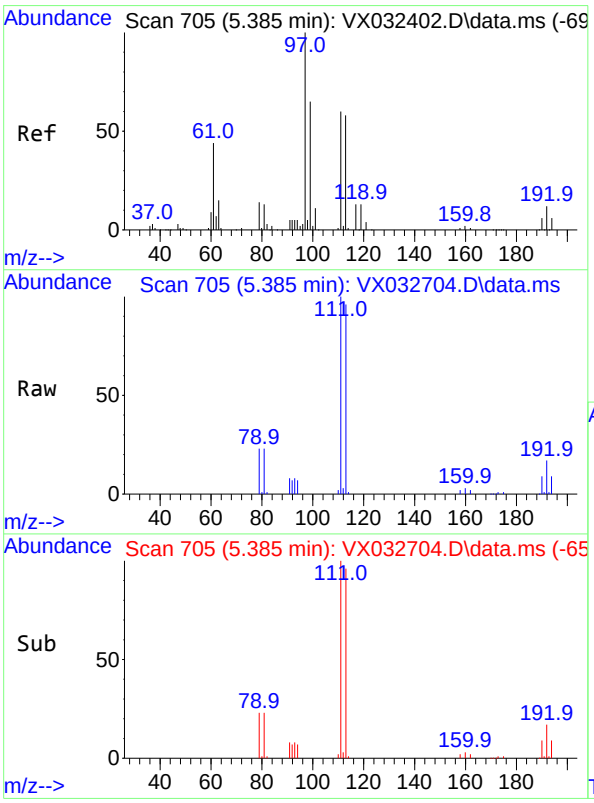
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion:114 Resp: 212301

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.6
88	16.2	0.0	33.4

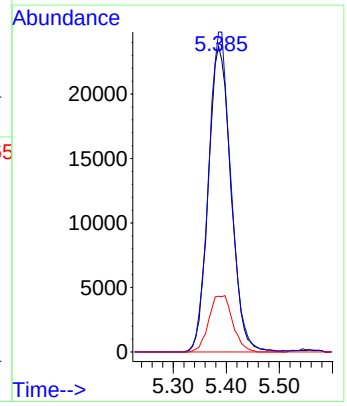


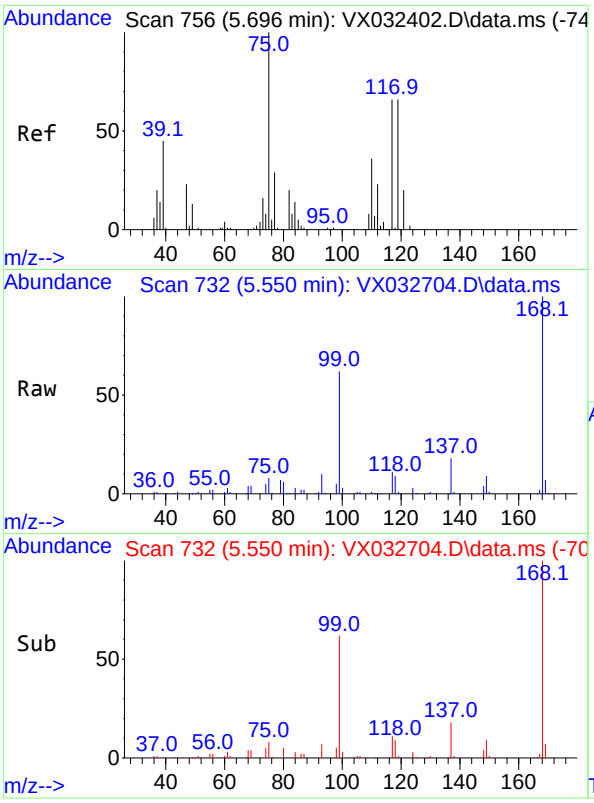


#35
Dibromofluoromethane
Concen: 46.268 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion:113 Resp: 70067

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	19.4	15.4	23.2



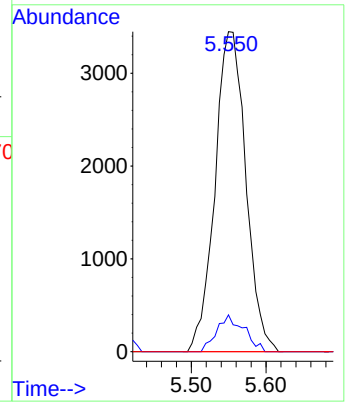


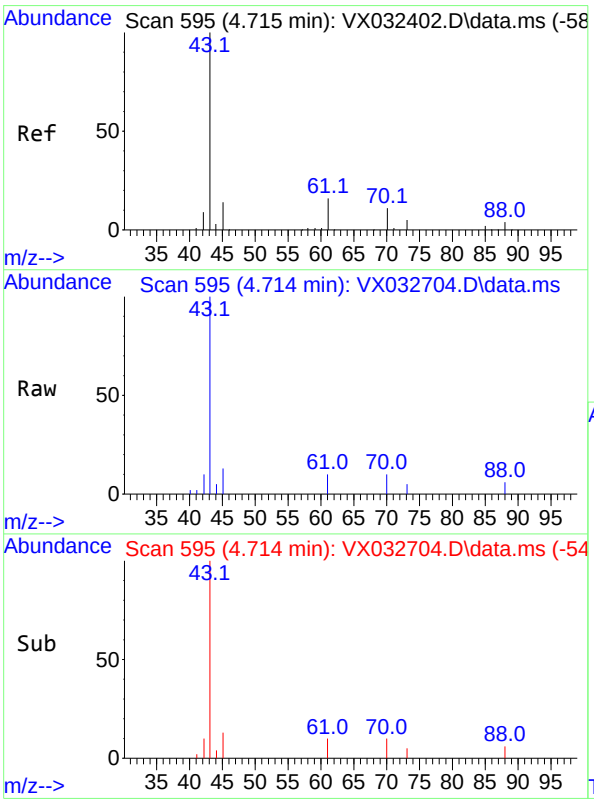
#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 75 Resp: 9895

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.2#
77	0.0	24.5	36.7#

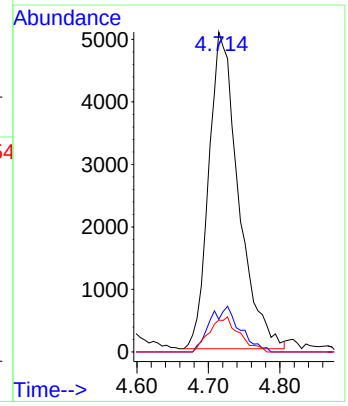


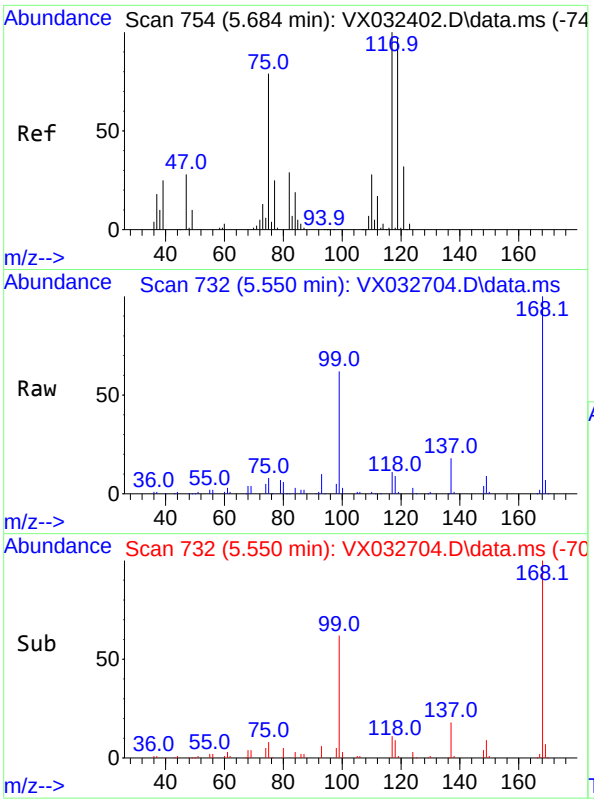


#37
Ethyl Acetate
Concen: 6.659 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 43 Resp: 14616

Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.1	9.1	13.7



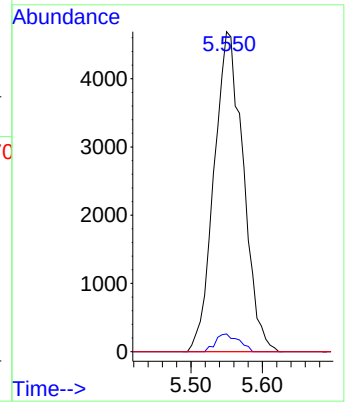


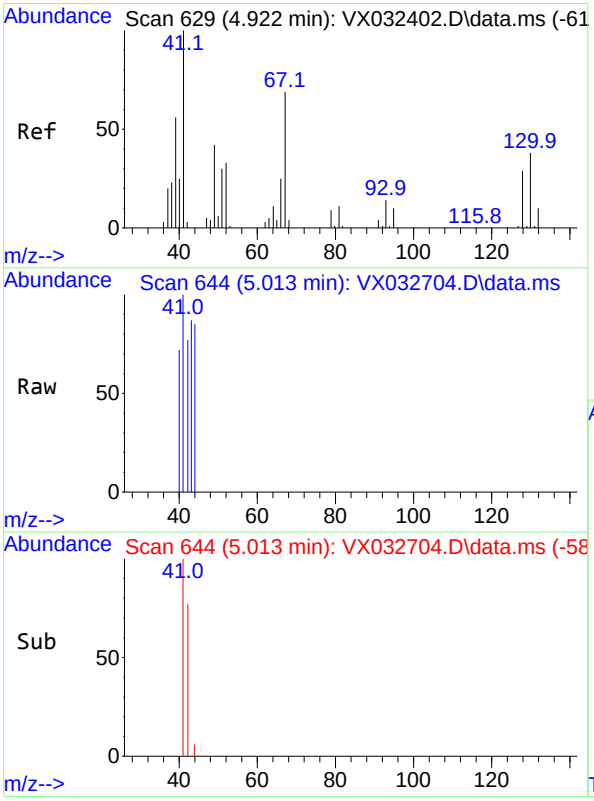
#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion:117 Resp: 13283

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.2	115.8#
121	0.0	25.8	38.6#

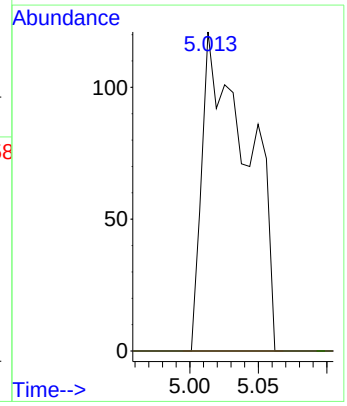


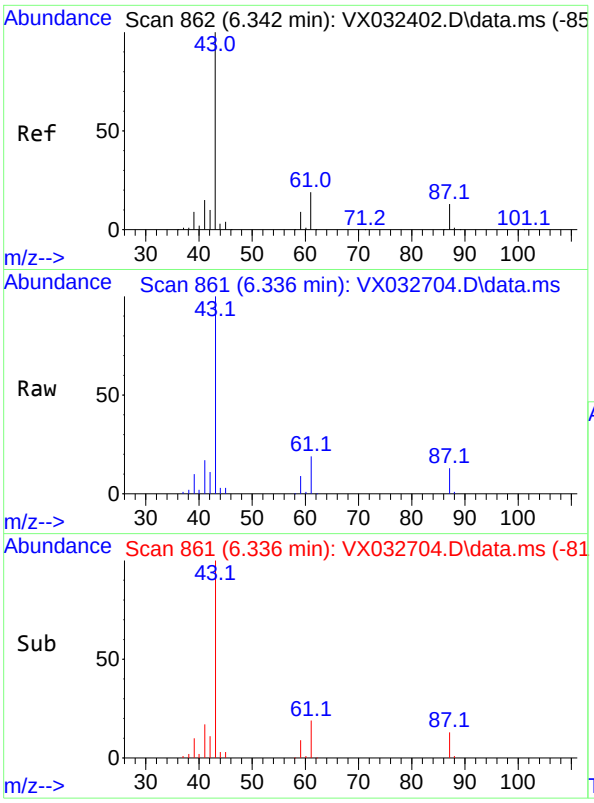


#41
Methacrylonitrile
Concen: 0.250 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.091 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 41 Resp: 280

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	60.5	90.7#
52	0.0	27.0	40.6#



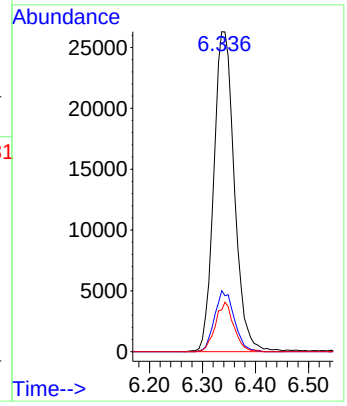


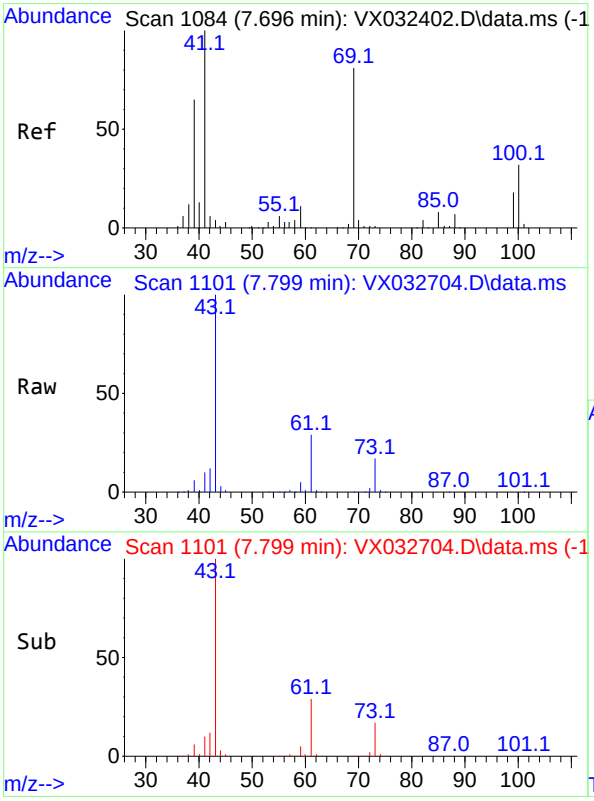
#43
Isopropyl Acetate
Concen: 21.024 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 43 Resp: 70860

Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.4	23.0
87	13.9	10.8	16.2

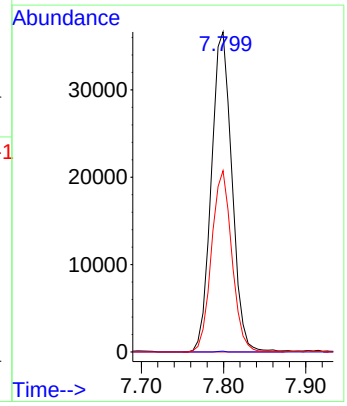


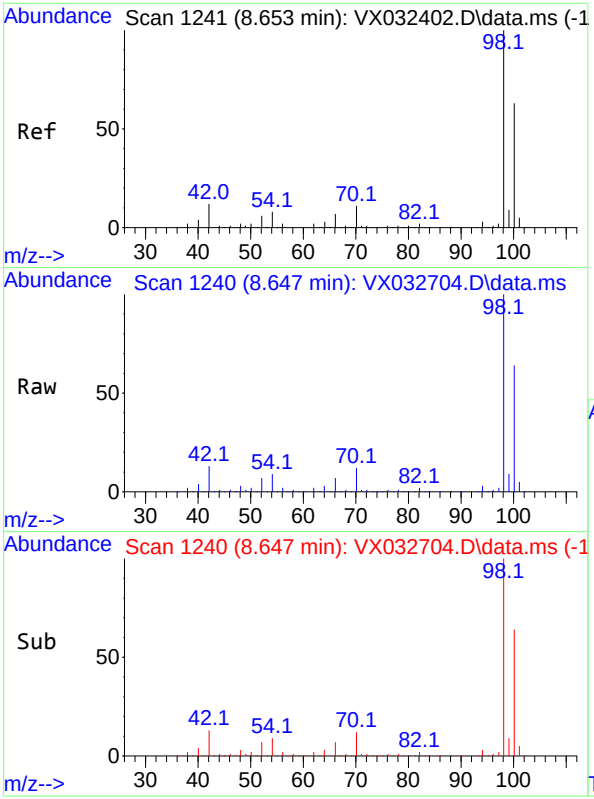


#48
Methyl methacrylate
Concen: 36.530 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 41 Resp: 63586

Ion	Ratio	Lower	Upper
41	100		
69	0.1	65.1	97.7#
39	56.2	51.9	77.9



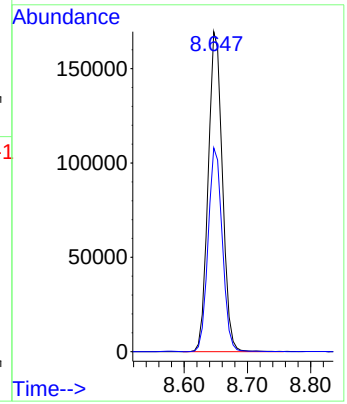


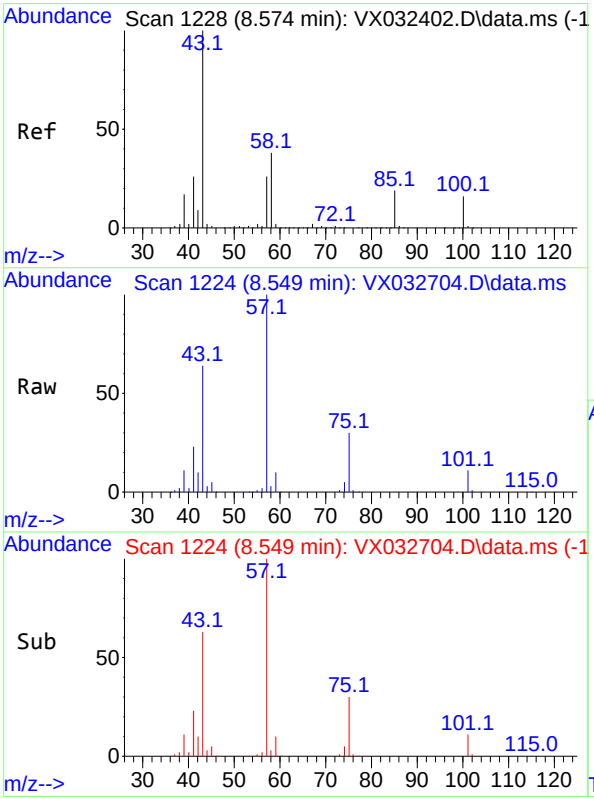
#50
Toluene-d8
Concen: 50.434 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 98 Resp: 265572

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3

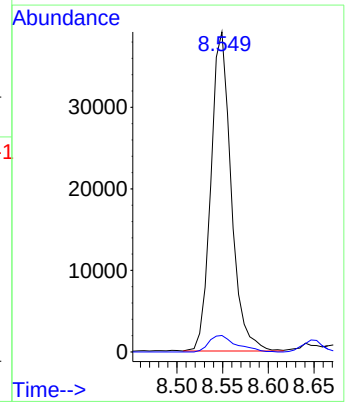


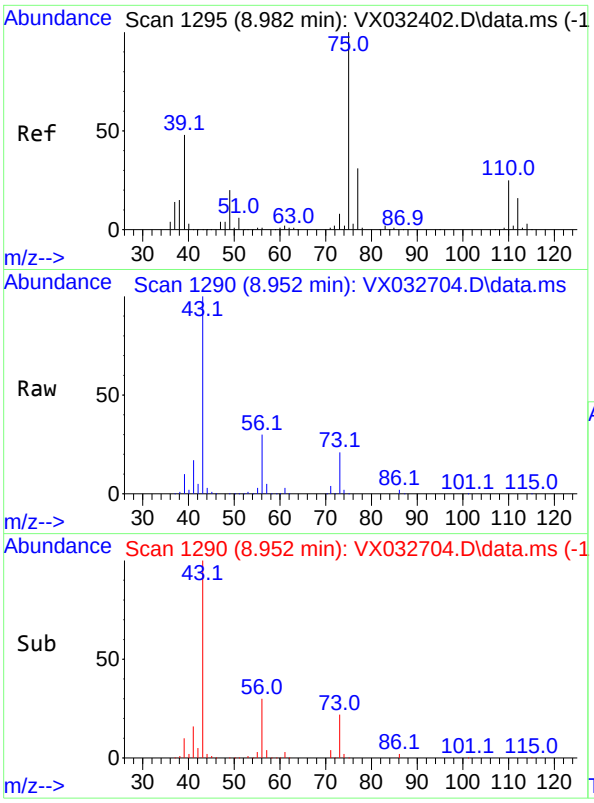


#51
4-Methyl-2-Pentanone
Concen: 28.394 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 43 Resp: 60278

Ion	Ratio	Lower	Upper
43	100		
58	7.0	30.9	46.3#



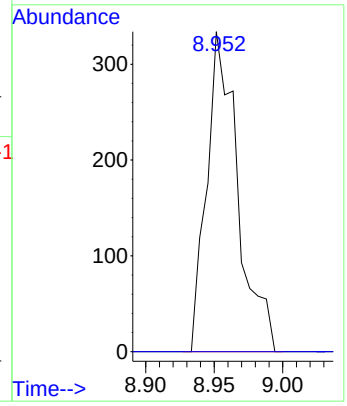


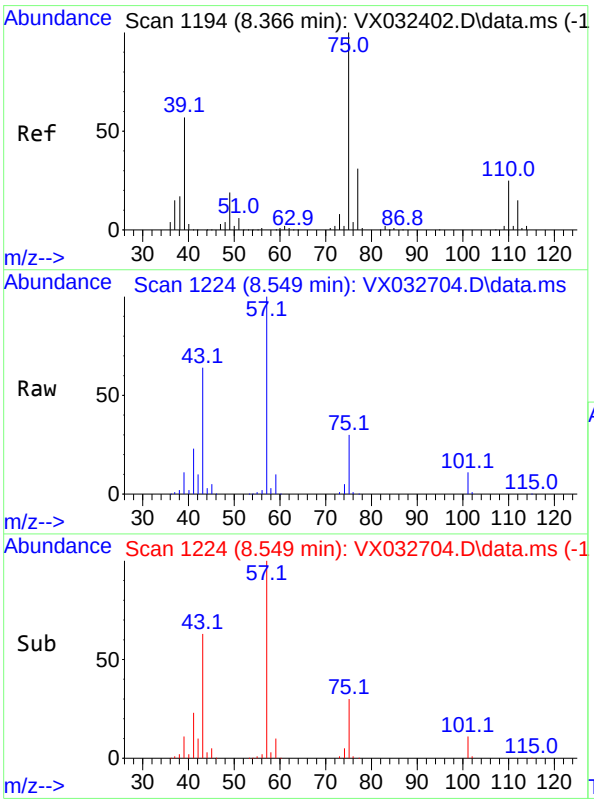
#53
t-1,3-Dichloropropene
Concen: 0.232 ug/l
RT: 8.952 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 75 Resp: 527

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#

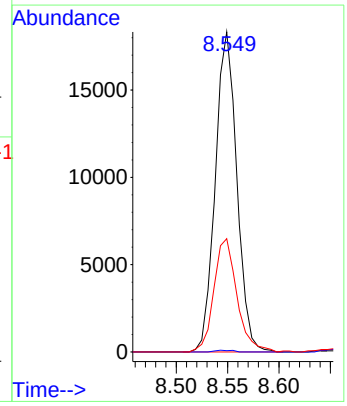


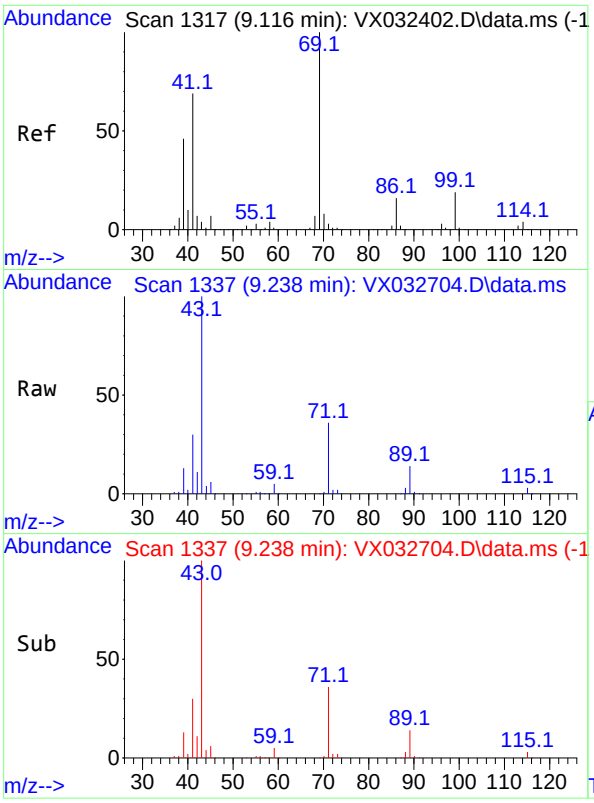


#54
cis-1,3-Dichloropropene
Concen: 11.006 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 75 Resp: 26743

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.1	37.7#
39	35.4	45.5	68.3#



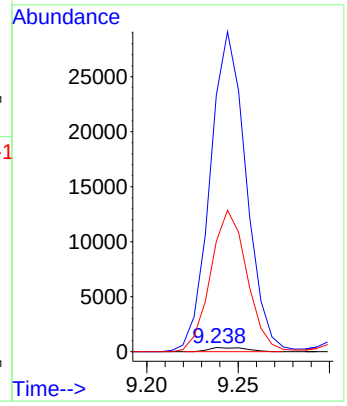


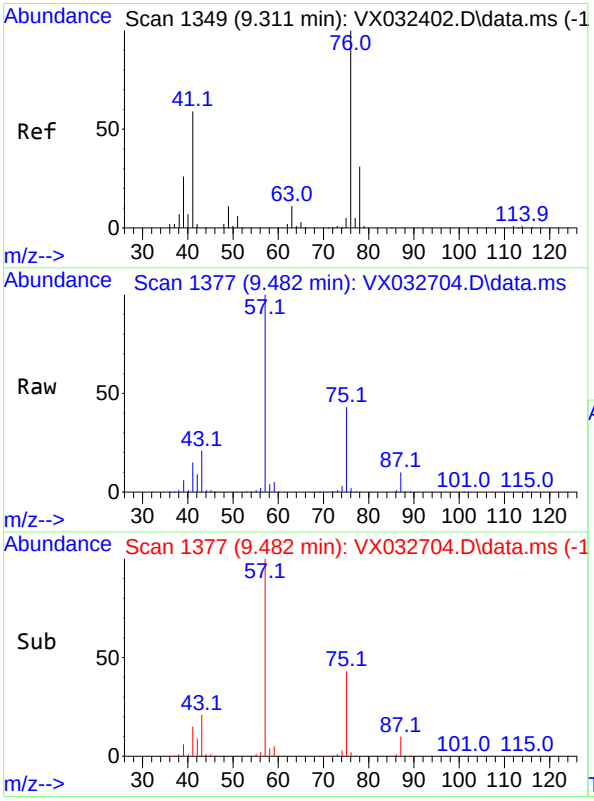
#56
Ethyl methacrylate
Concen: 0.222 ug/l
RT: 9.238 min Scan# 1
Delta R.T. 0.122 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 69 Resp: 525

Ion	Ratio	Lower	Upper
69	100		
41	7625.1	54.3	81.5#
39	3400.6	35.2	52.8#

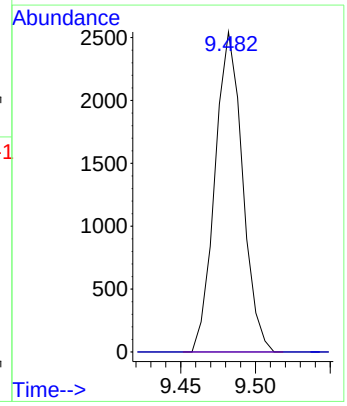


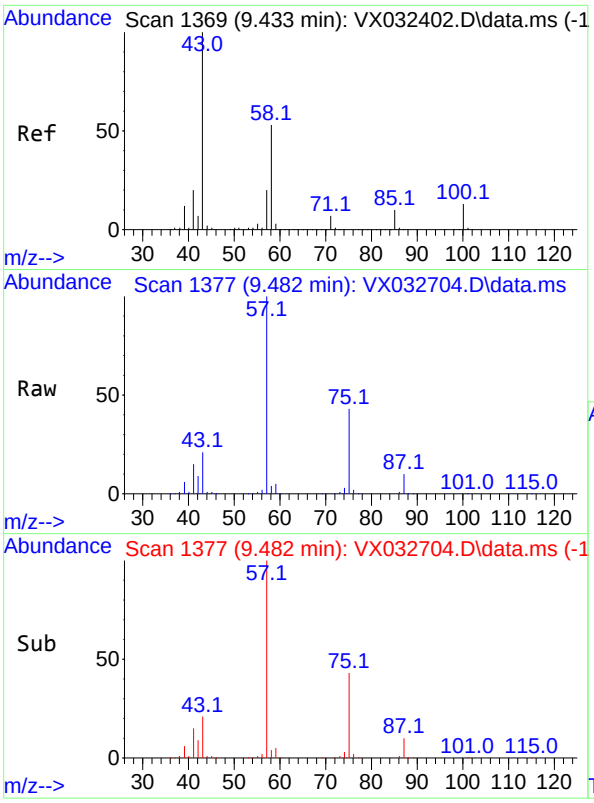


#57
1,3-Dichloropropane
Concen: 1.232 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 76 Resp: 3262

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



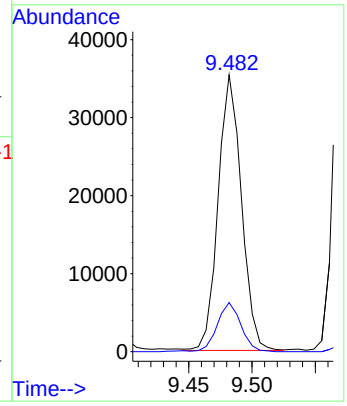


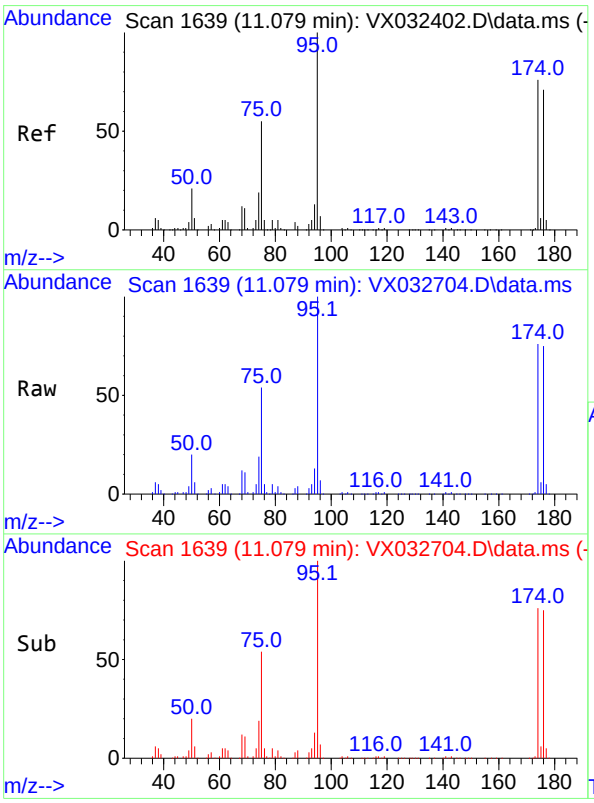
#59
2-Hexanone
Concen: 28.672 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 43 Resp: 45164

Ion	Ratio	Lower	Upper
43	100		
58	18.3	26.5	79.5#

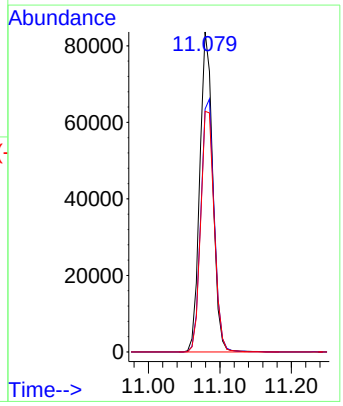


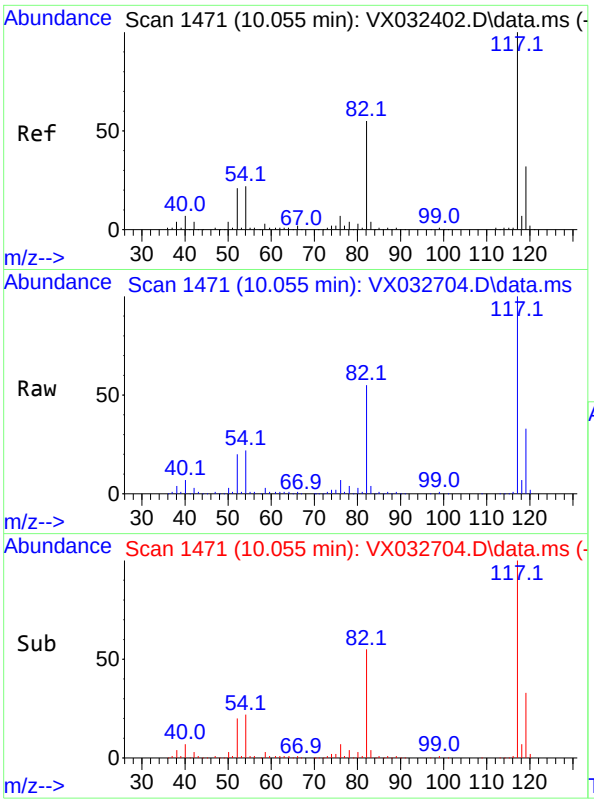


#62
4-Bromofluorobenzene
Concen: 51.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 95 Resp: 105093

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	164.0
176	78.7	0.0	154.4



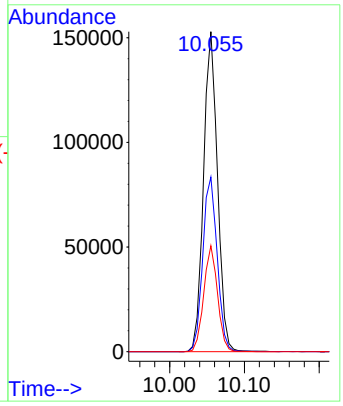


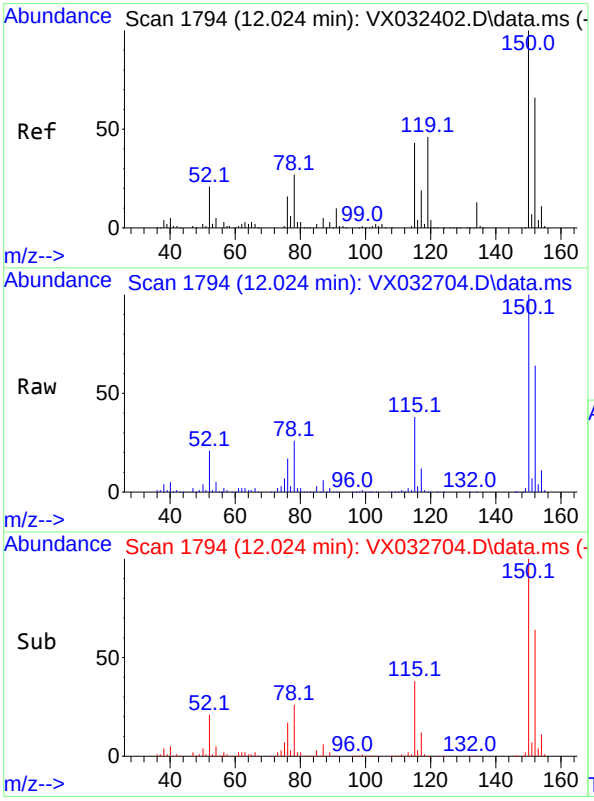
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion:117 Resp: 198065

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.3	66.5
119	33.1	25.7	38.5

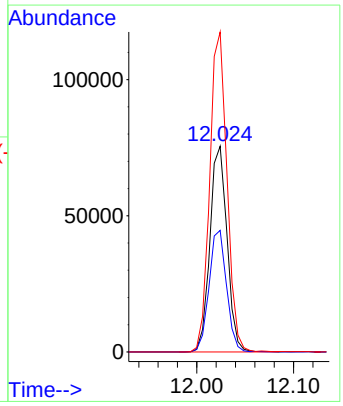


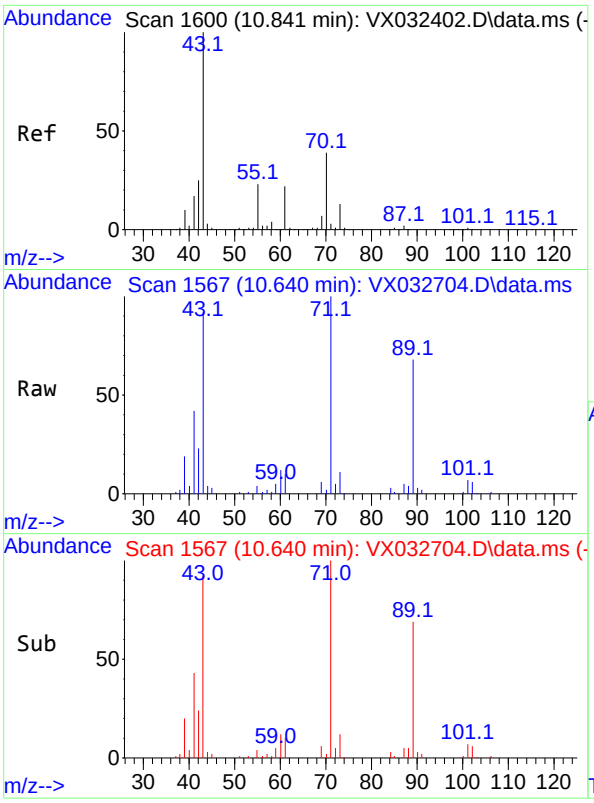


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion:152 Resp: 93342

Ion	Ratio	Lower	Upper
152	100		
115	60.4	44.0	132.0
150	156.7	0.0	351.8



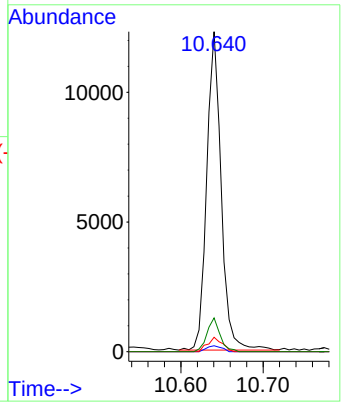


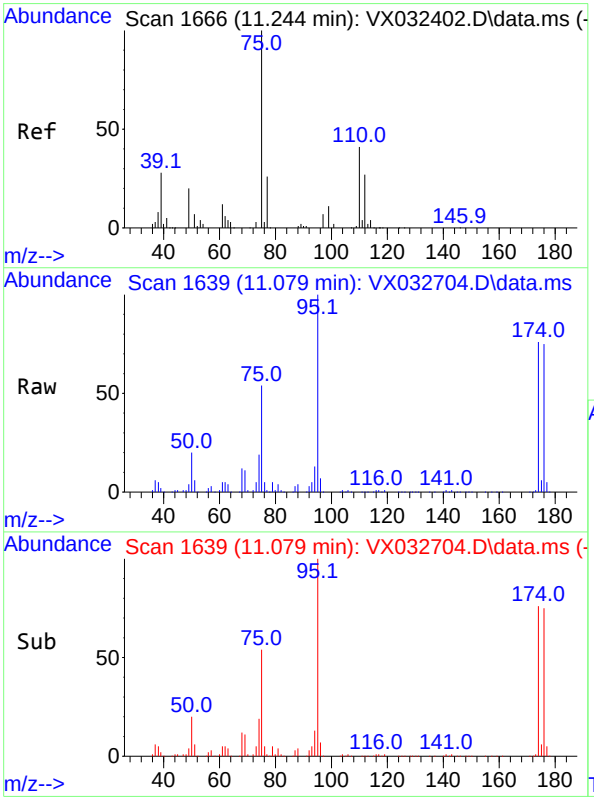
#74
N-amyl acetate
Concen: 5.356 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.201 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 43 Resp: 14969

Ion	Ratio	Lower	Upper
43	100		
70	1.9	33.6	50.4#
55	4.5	19.4	29.2#
61	9.6	18.8	28.2#

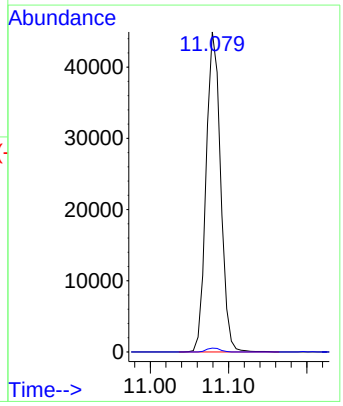


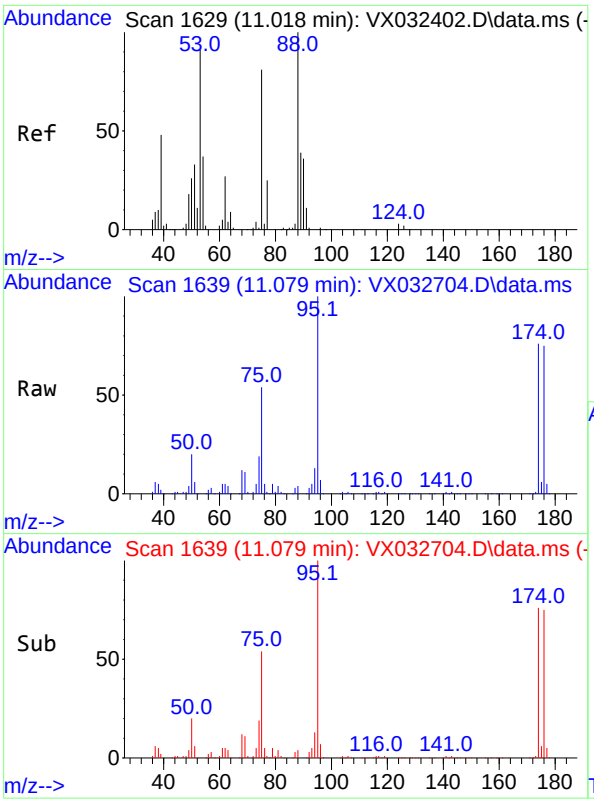


#76
1,2,3-Trichloropropane
Concen: 27.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Tgt Ion: 75 Resp: 57545

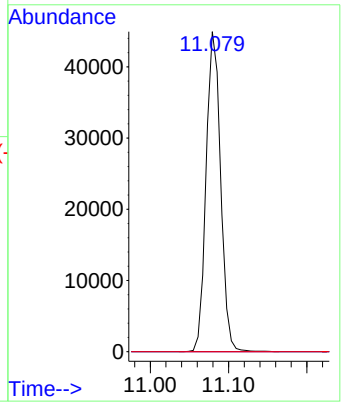
Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.176 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032704.D
Acq: 10 Nov 2022 04:08

Instrument :
MSVOA_X
ClientSampleId :
2182

Tgt Ion: 75 Resp: 57545

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.9	130.3#
89	0.0	38.3	57.5#