Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
Data File : VX043269.D
Acq On : 03 Oct 2024 17:54
Operator : JC/MD
Sample : P4263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Quant Time: Oct 04 01:36:14 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	5.550	168	79546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68642	52.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	5.385	113	49983	48.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.560%			
50) Toluene-d8	8.647	98	177661	50.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.079	95	61829	47.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	680	0.735	ug/l	93
6) Chloroethane	1.660	64	101	0.284	ug/l #	42
7) Trichlorofluoromethane	1.874	101	317	0.222	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	11975	13.455	ug/l	98
11) Tert butyl alcohol	2.941	59	4965	20.084	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	813	0.920	ug/l #	86
14) Allyl chloride	2.569	41	486	0.335	ug/l #	17
16) Acetone	2.398	43	829	1.528	ug/l #	87
20) Methylene Chloride	2.788	84	207	0.207	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	1073	0.631	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1953	1.780	ug/l	96
30) Chloroform	5.086	83	625	0.335	ug/l #	75
31) Cyclohexane	5.550	56	2060	1.470	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	6562	5.069	ug/l #	50
38) Carbon Tetrachloride	5.678	117	922	0.602	ug/l #	70
39) Methylcyclohexane	7.129	83	1461	0.897	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	408	0.255	ug/l #	77
44) Trichloroethene	7.123	130	110070	105.732	ug/l	94
49) 1,4-Dioxane	7.690	88	310	12.658	ug/l #	41
51) 4-Methyl-2-Pentanone	8.641	43	936	0.600	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	413	0.422	ug/l #	69
76) 1,2,3-Trichloropropane	11.079	75	33874	28.674	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33874	74.313	ug/l #	8

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
Data File : VX043269.D
Acq On    : 03 Oct 2024  17:54
Operator  : JC/MD
Sample    : P4263-06
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 27   Sample Multiplier: 1

Quant Time: Oct 04 01:36:14 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
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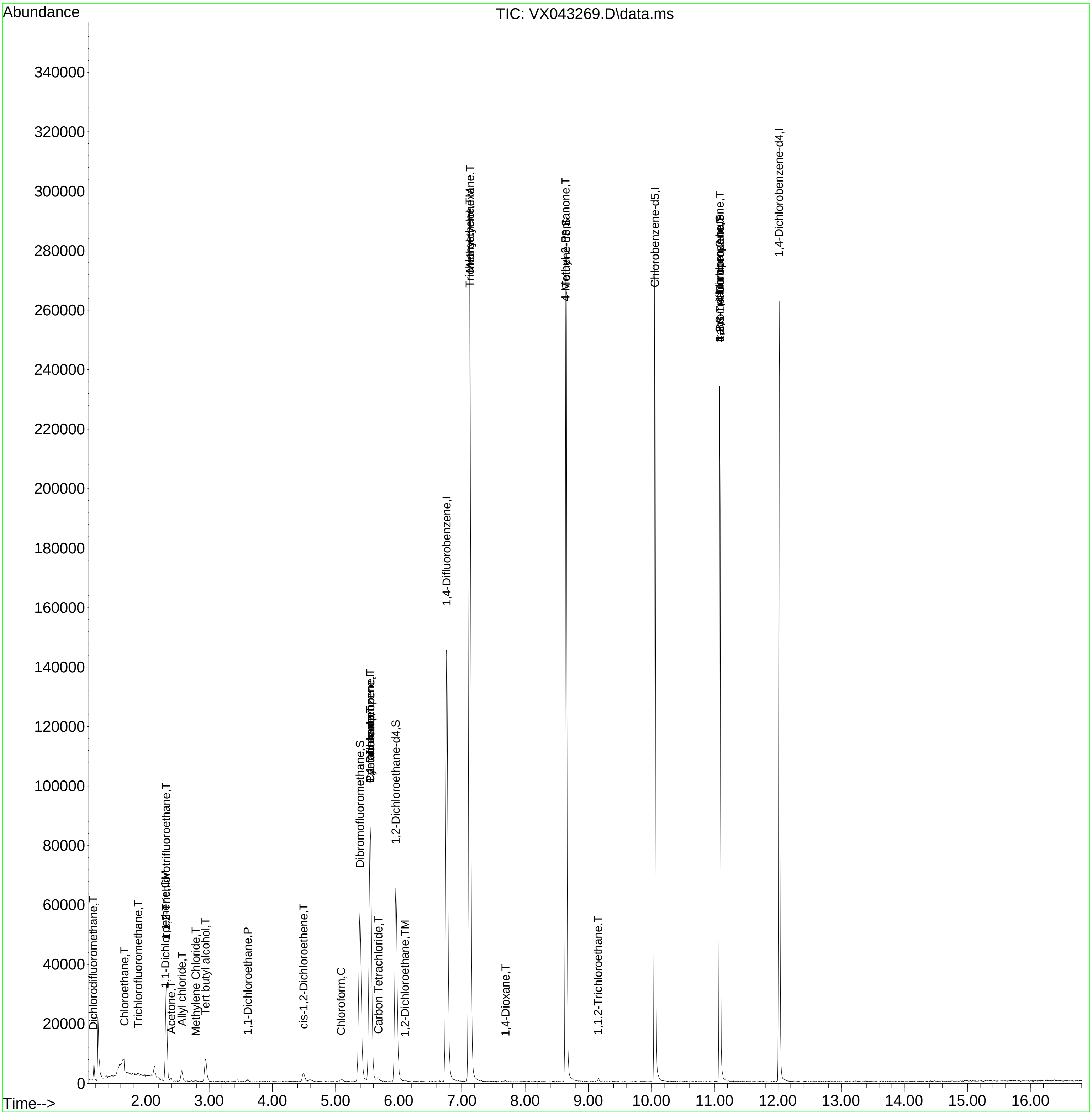
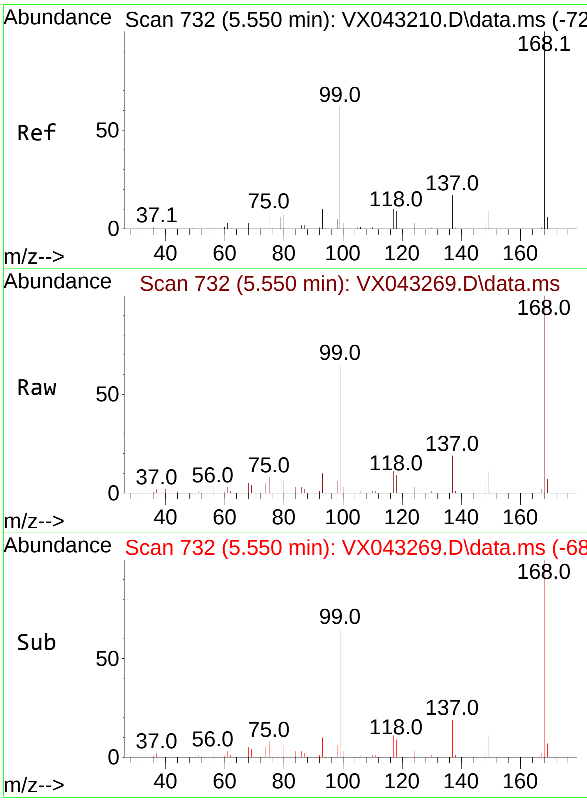
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930



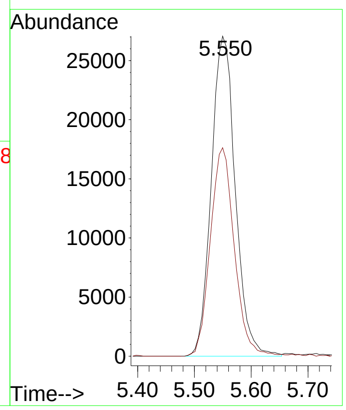


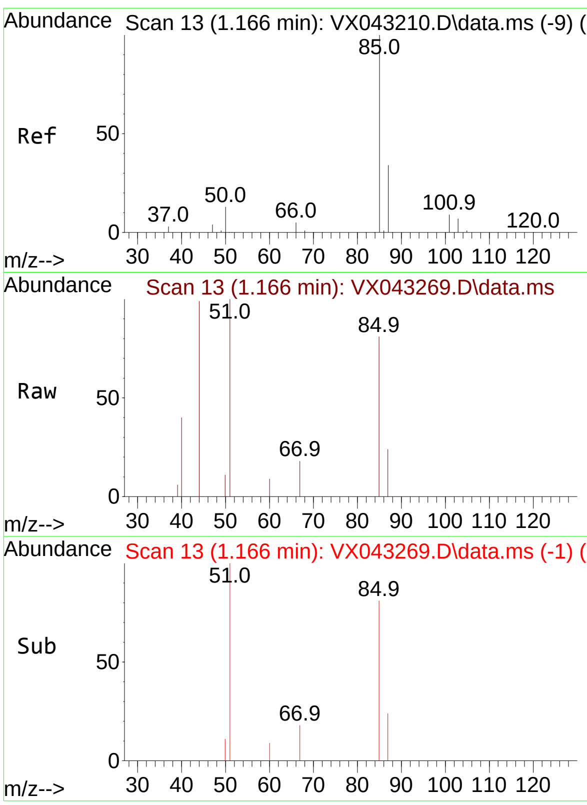
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion:168 Resp: 79546

Ion	Ratio	Lower	Upper
168	100		
99	65.1	49.7	74.5

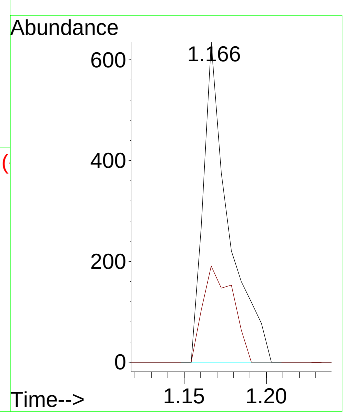


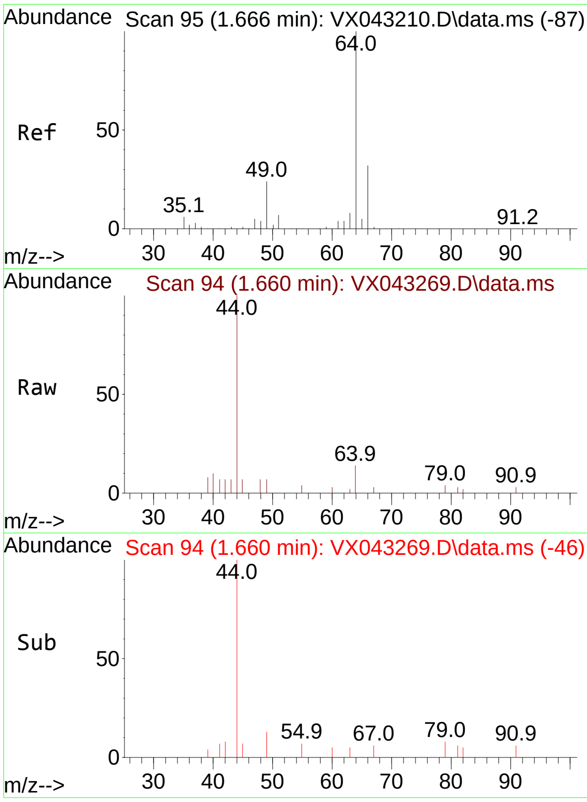


#2
Dichlorodifluoromethane
Concen: 0.735 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 85 Resp: 680

Ion	Ratio	Lower	Upper
85	100		
87	30.1	17.1	51.2



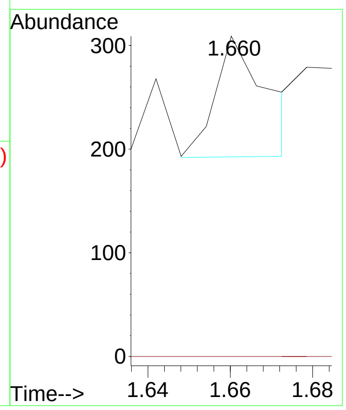


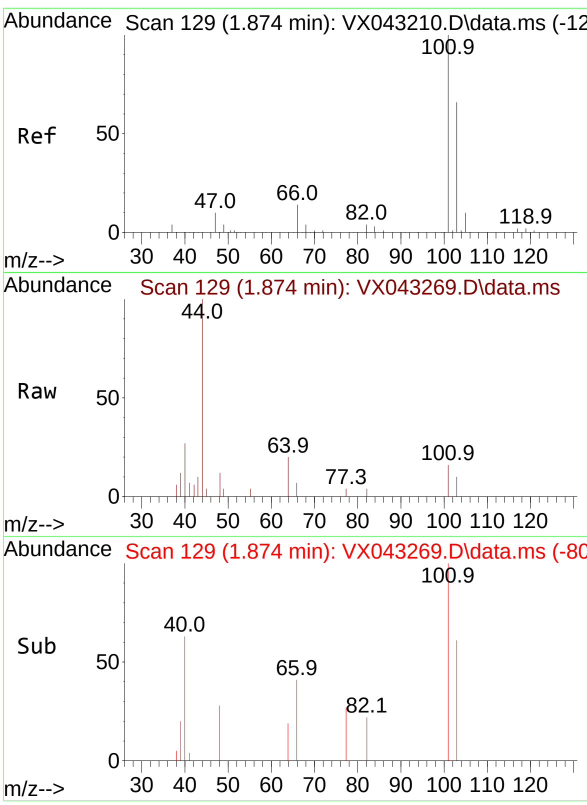
#6
Chloroethane
Concen: 0.284 ug/l
RT: 1.660 min   Scan# 94
Delta R.T.   -0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 64 Resp: 101

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#

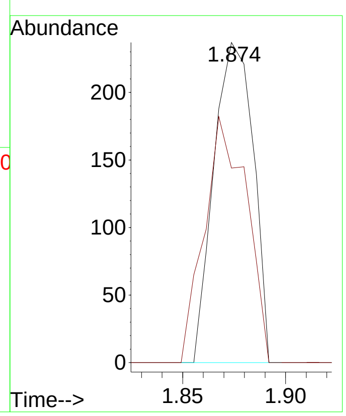


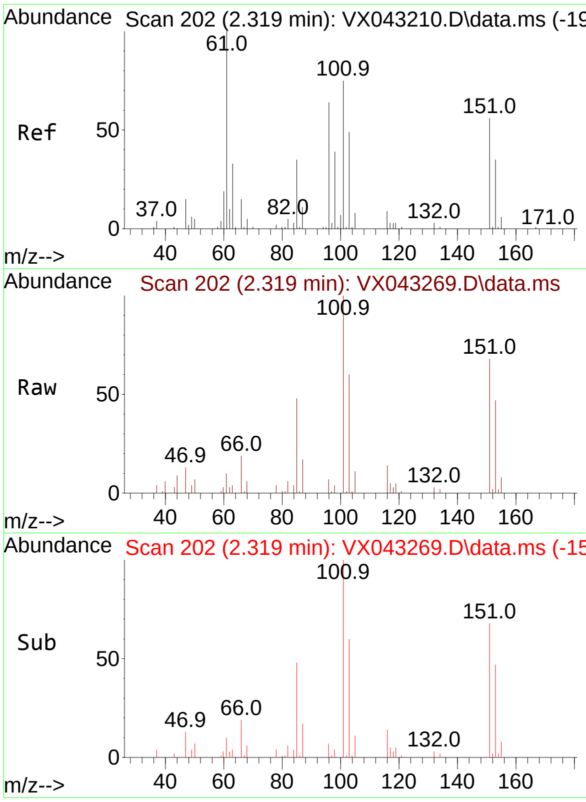


#7
Trichlorofluoromethane
Concen: 0.222 ug/l
RT: 1.874 min   Scan# 129
Delta R.T.   0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion:101 Resp: 317

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.7	79.1



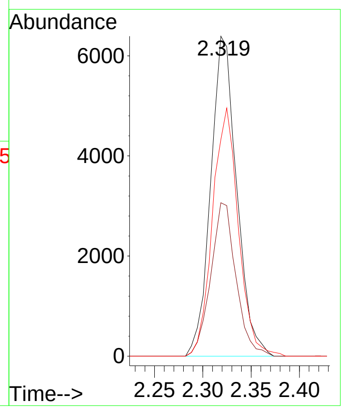


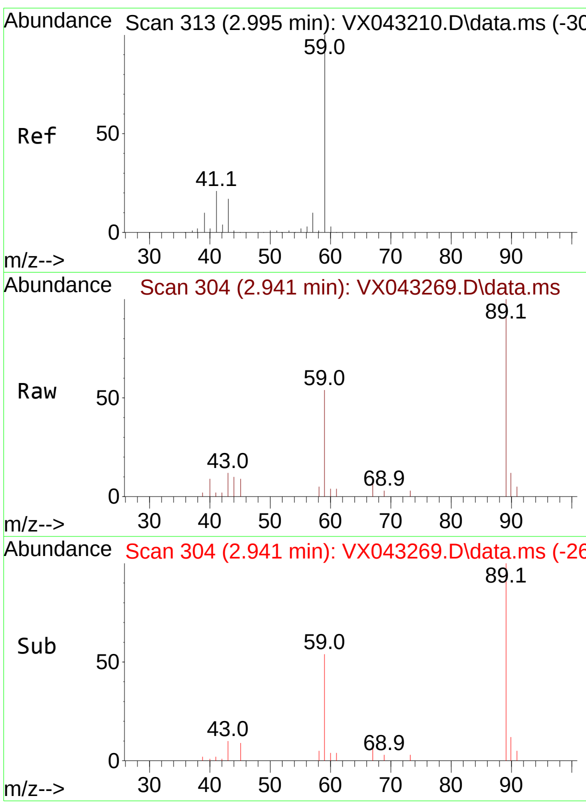
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.455 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion:101 Resp: 11975

Ion	Ratio	Lower	Upper
101	100		
85	46.5	37.0	55.6
151	77.2	60.0	90.0

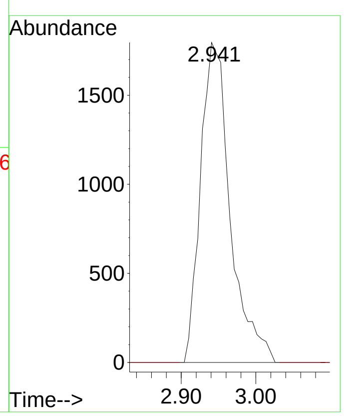


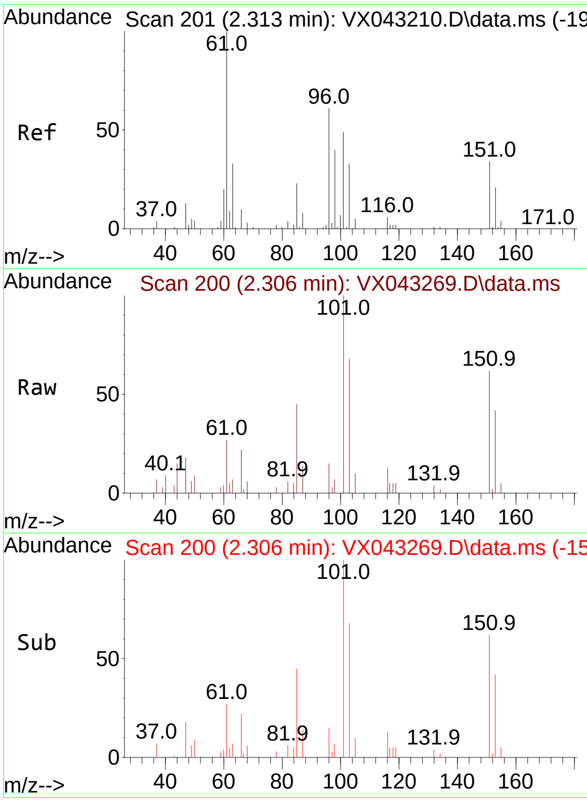


#11
Tert butyl alcohol
Concen: 20.084 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 59 Resp: 4965

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



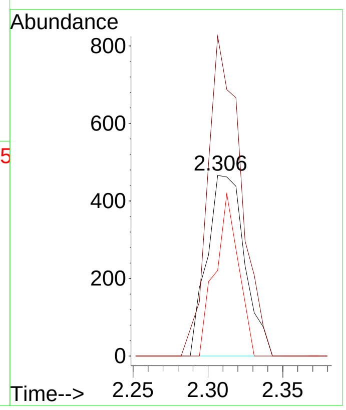


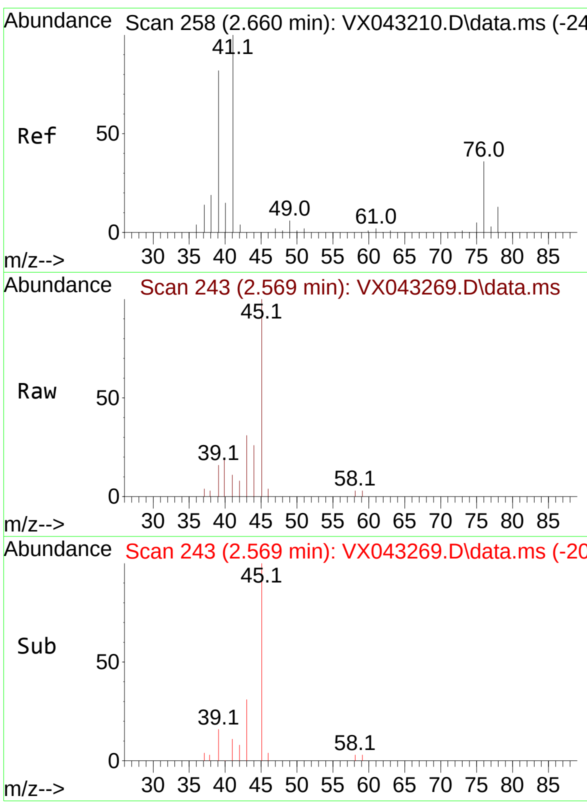
#12
1,1-Dichloroethene
Concen: 0.920 ug/l
RT: 2.306 min   Scan# 2(
Delta R.T.   -0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 96 Resp: 813

Ion	Ratio	Lower	Upper
96	100		
61	177.0	130.6	195.8
98	47.4	51.7	77.5#

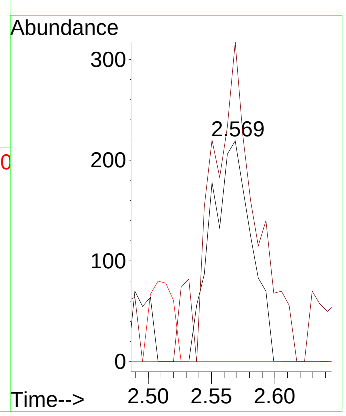


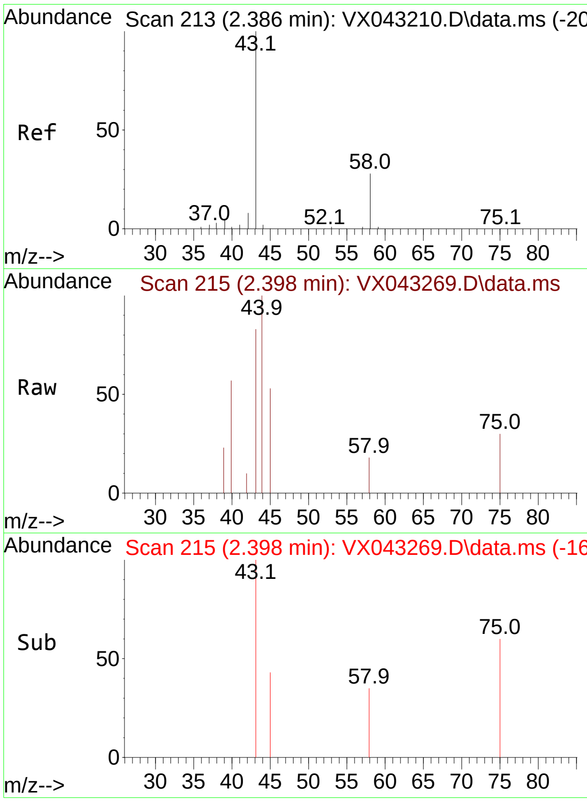


#14
Allyl chloride
Concen: 0.335 ug/l
RT: 2.569 min   Scan# 243
Delta R.T.   -0.091 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion: 41 Resp: 486

Ion	Ratio	Lower	Upper
41	100		
39	157.8	61.7	92.5#
76	0.0	28.6	43.0#



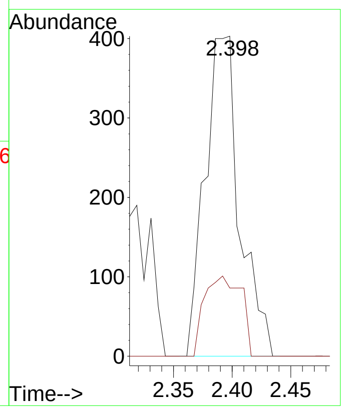


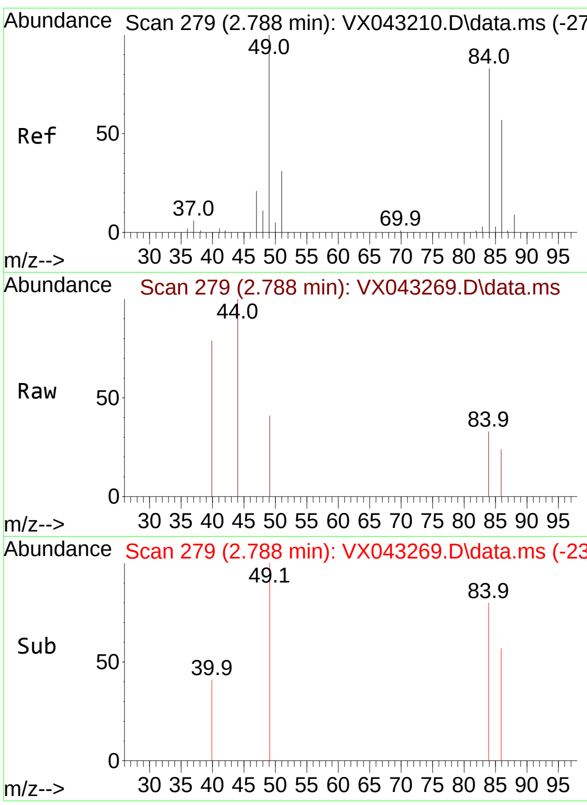
#16
Acetone
Concen: 1.528 ug/l
RT: 2.398 min   Scan# 2
Delta R.T.   0.012 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 43 Resp: 829

Ion	Ratio	Lower	Upper
43	100		
58	21.3	22.6	33.8#

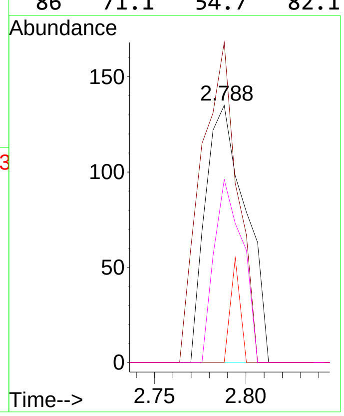


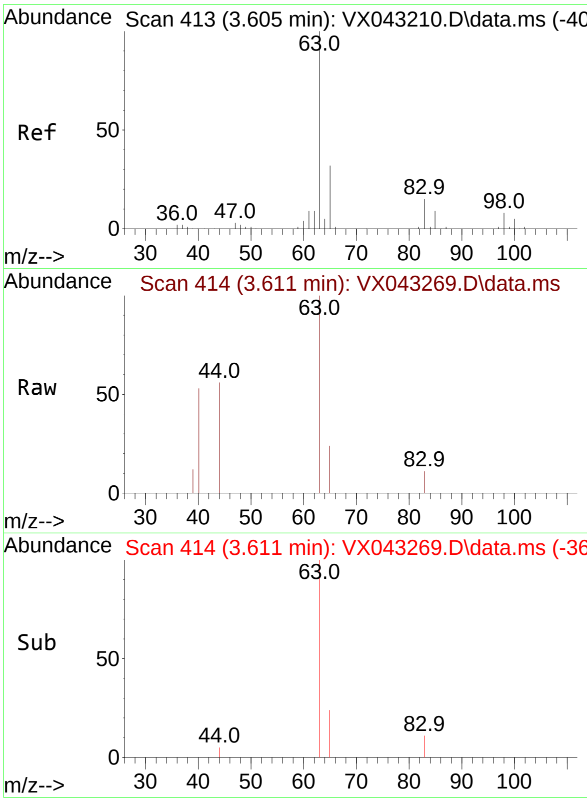


#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min   Scan# 279
Delta R.T.   0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion: 84 Resp: 207

Ion	Ratio	Lower	Upper
84	100		
49	124.4	96.7	145.1
51	0.0	30.4	45.6#
86	71.1	54.7	82.1



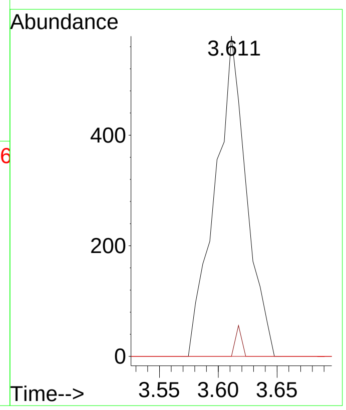


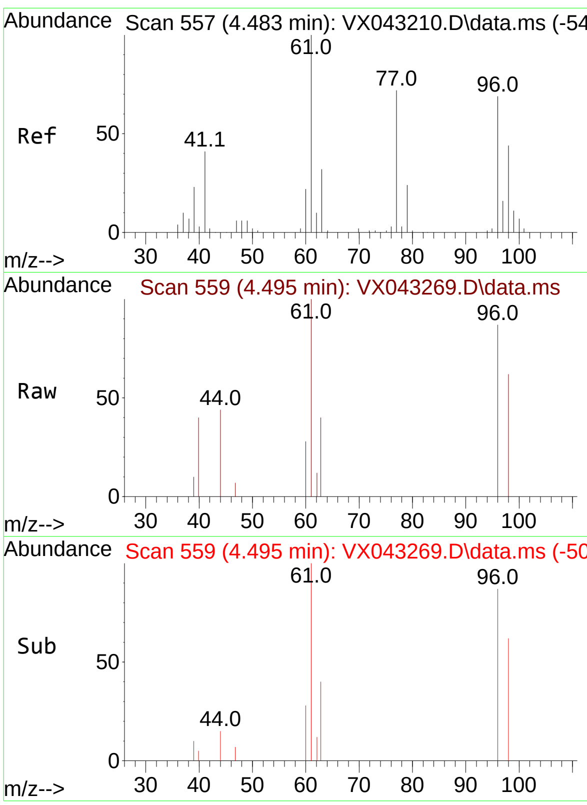
#24
1,1-Dichloroethane
Concen: 0.631 ug/l
RT: 3.611 min   Scan# 41
Delta R.T.   0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 63 Resp: 1073

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.4#

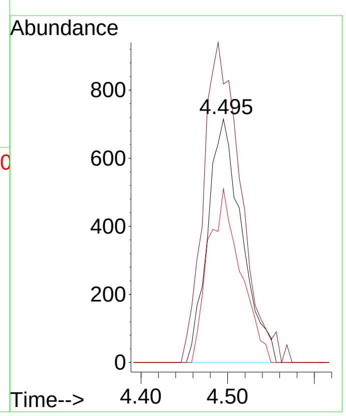


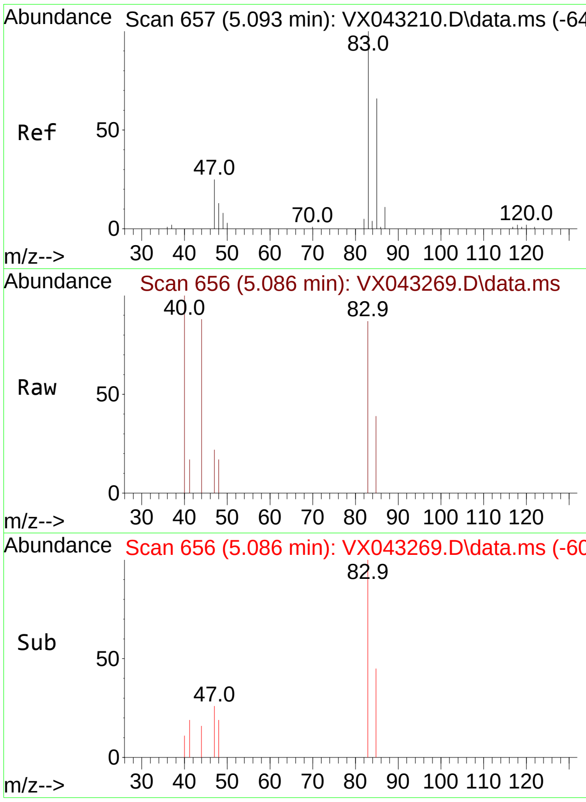


#27
cis-1,2-Dichloroethene
Concen: 1.780 ug/l
RT: 4.495 min   Scan# 559
Delta R.T.   0.012 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion: 96 Resp: 1953

Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	298.2
98	67.9	0.0	128.6





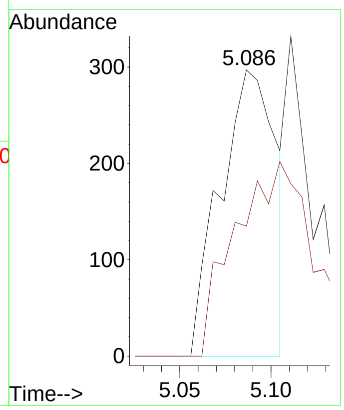
#30
Chloroform
Concen: 0.335 ug/l
RT: 5.086 min Scan# 6

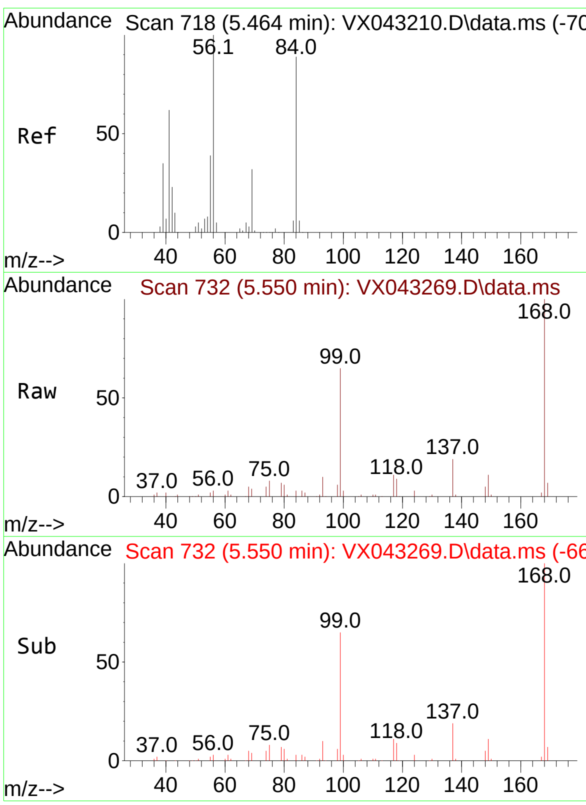
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Delta R.T. -0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 83 Resp: 625

Ion	Ratio	Lower	Upper
83	100		
85	45.5	52.5	78.7#

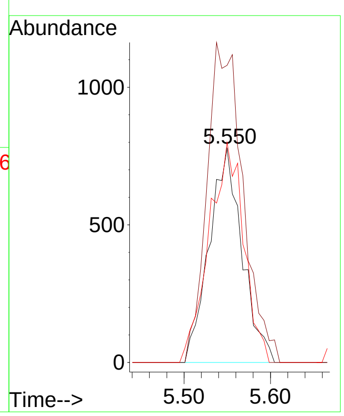


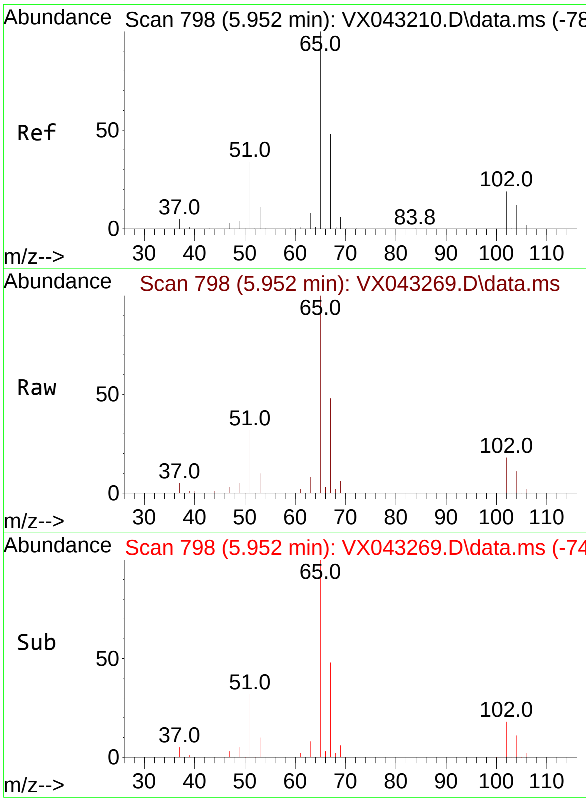


#31
Cyclohexane
Concen: 1.470 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 56 Resp: 2060

Ion	Ratio	Lower	Upper
56	100		
69	138.8	25.8	38.6#
84	102.8	71.1	106.7



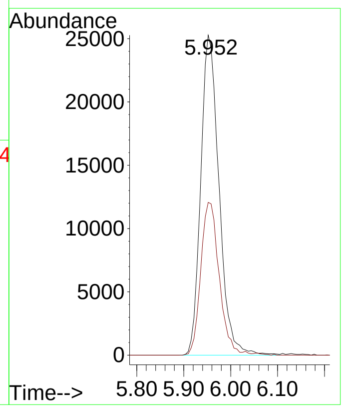


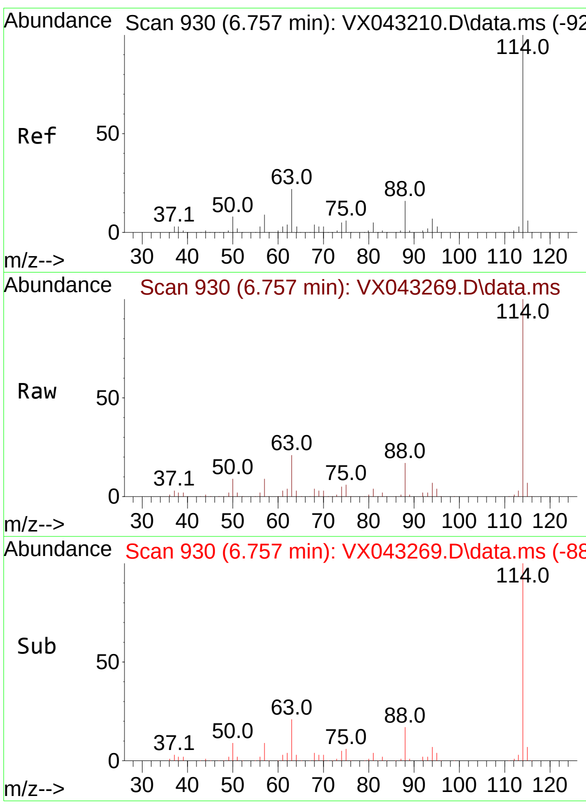
#33
1,2-Dichloroethane-d4
Concen: 52.838 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 65 Resp: 68642

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	99.0

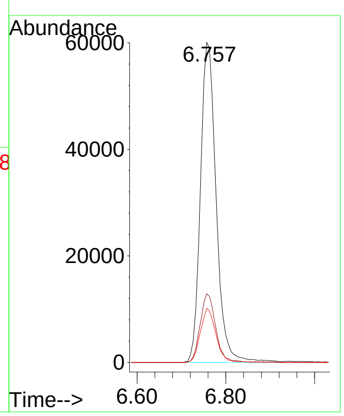


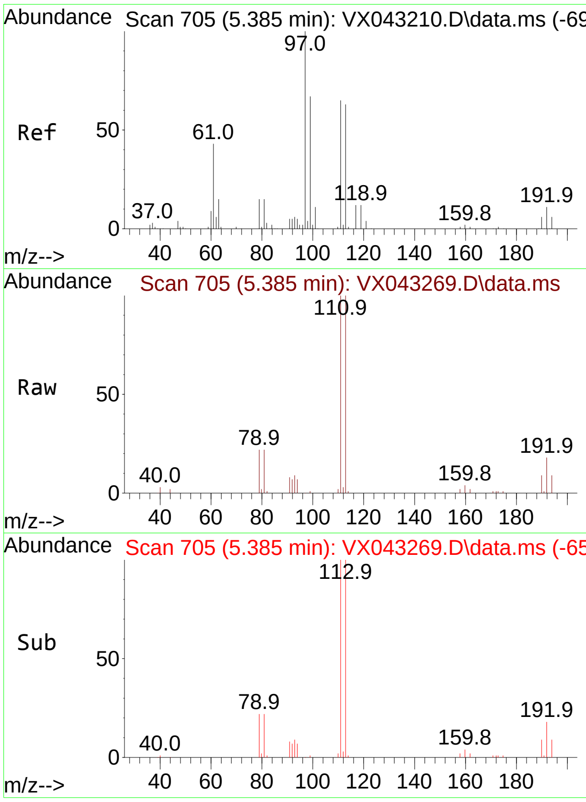


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion:114 Resp: 148587

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	16.9	0.0	33.0



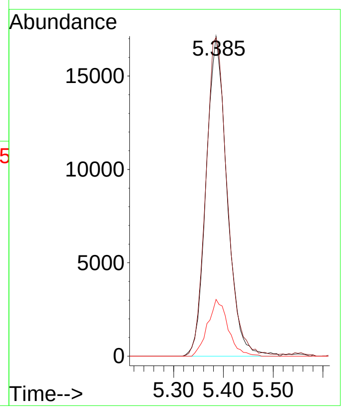


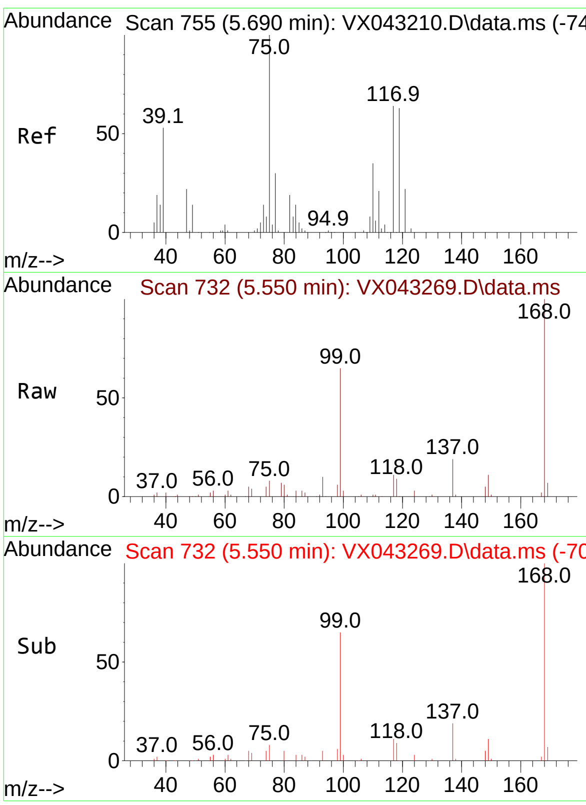
#35
Dibromofluoromethane
Concen: 48.777 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion:113 Resp: 49983

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	17.4	14.1	21.1

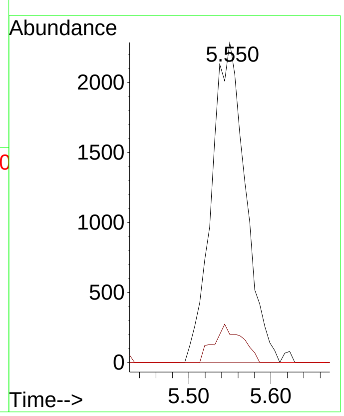


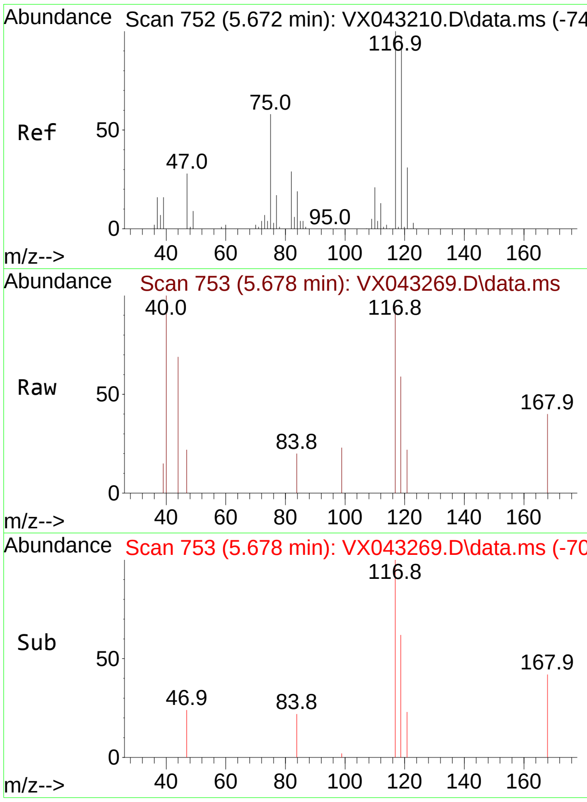


#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 75 Resp: 6562

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.8	53.3#
77	0.0	24.9	37.3#



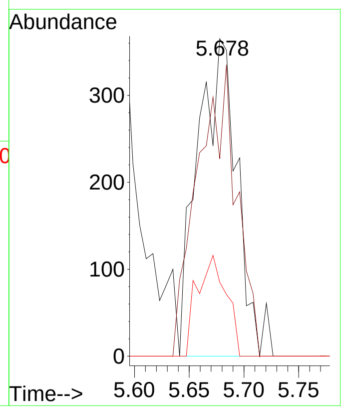


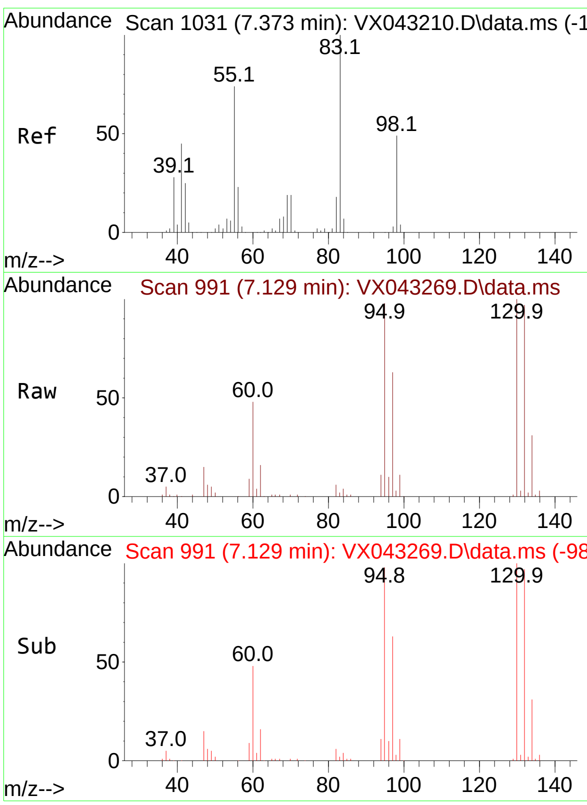
#38
Carbon Tetrachloride
Concen: 0.602 ug/l
RT: 5.678 min   Scan# 7
Delta R.T.   0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion:117 Resp: 922

Ion	Ratio	Lower	Upper
117	100		
119	62.2	77.7	116.5#
121	23.3	24.3	36.5#

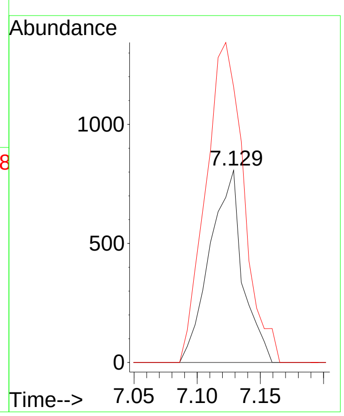


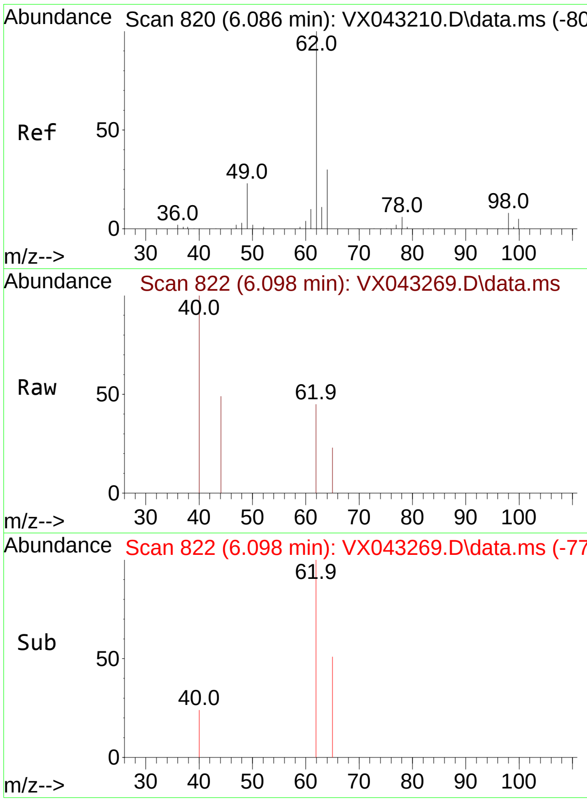


#39
Methylcyclohexane
Concen: 0.897 ug/l
RT: 7.129 min   Scan# 991
Delta R.T.   -0.244 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion: 83 Resp: 1461

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.2#
98	143.4	39.3	58.9#





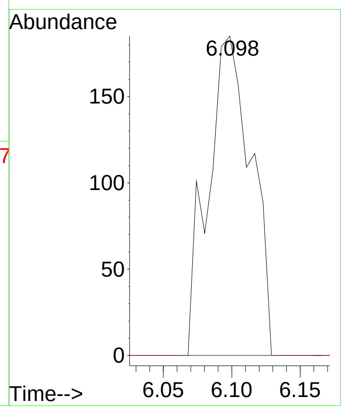
#42
1,2-Dichloroethane
Concen: 0.255 ug/l
RT: 6.098 min   Scan# 8

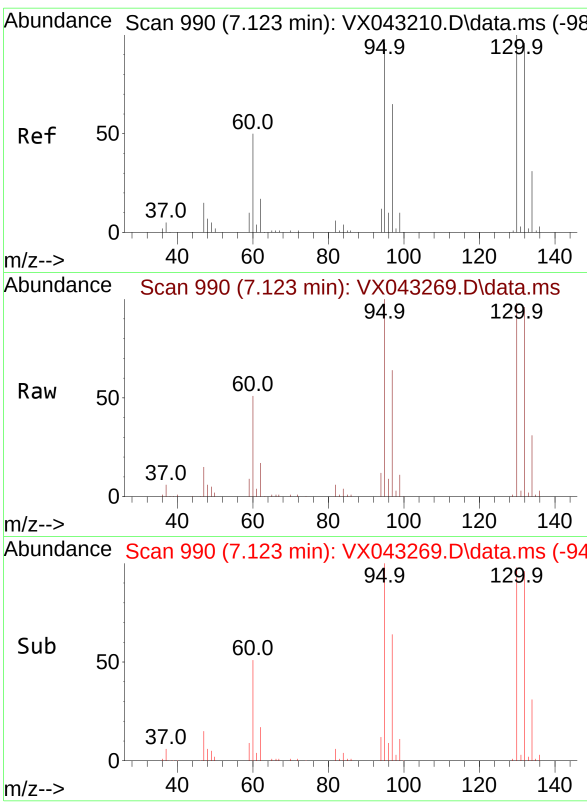
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Delta R.T.   0.012 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion: 62 Resp: 408

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0

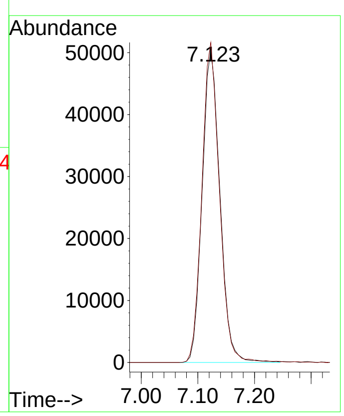


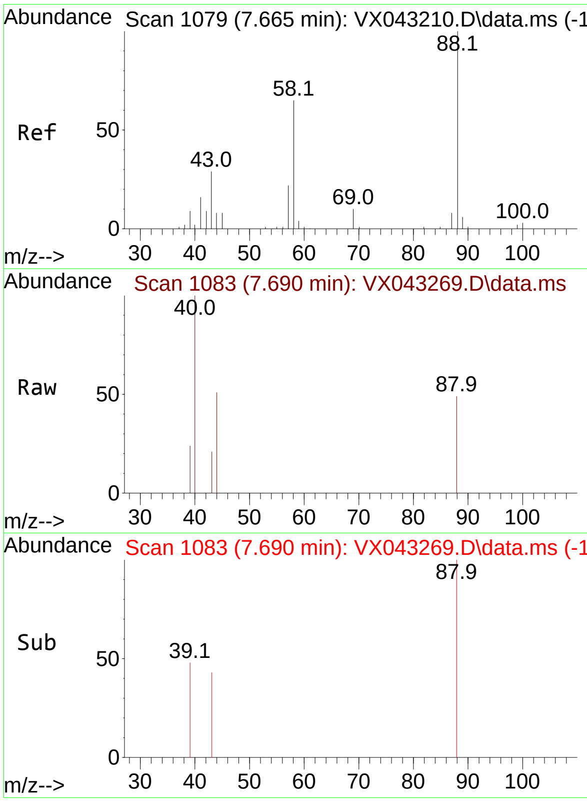


#44
Trichloroethene
Concen: 105.732 ug/l
RT: 7.123 min   Scan# 990
Delta R.T.   0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion:130 Resp: 110070

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	192.2



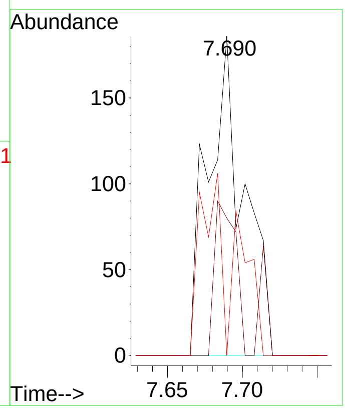


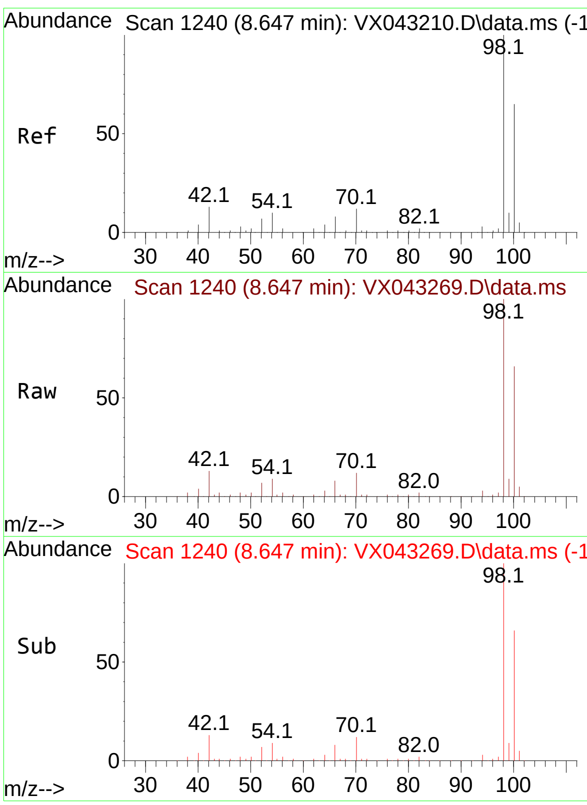
#49
1,4-Dioxane
Concen: 12.658 ug/l
RT: 7.690 min   Scan# 1
Delta R.T.   0.024 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 88 Resp: 310

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.5	44.3#
58	22.9	55.2	82.8#

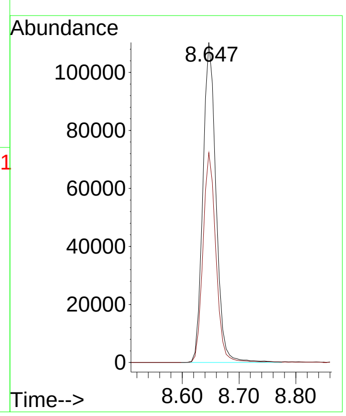


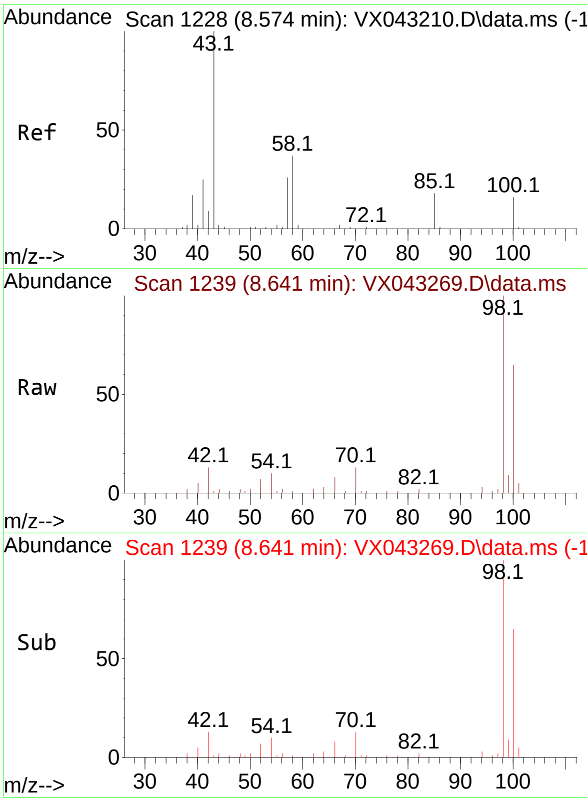


#50
Toluene-d8
Concen: 50.030 ug/l
RT: 8.647 min   Scan# 1240
Delta R.T.   0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024   17:54

Tgt Ion: 98 Resp: 177661

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.4	78.6



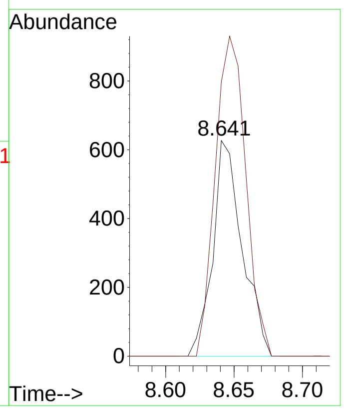


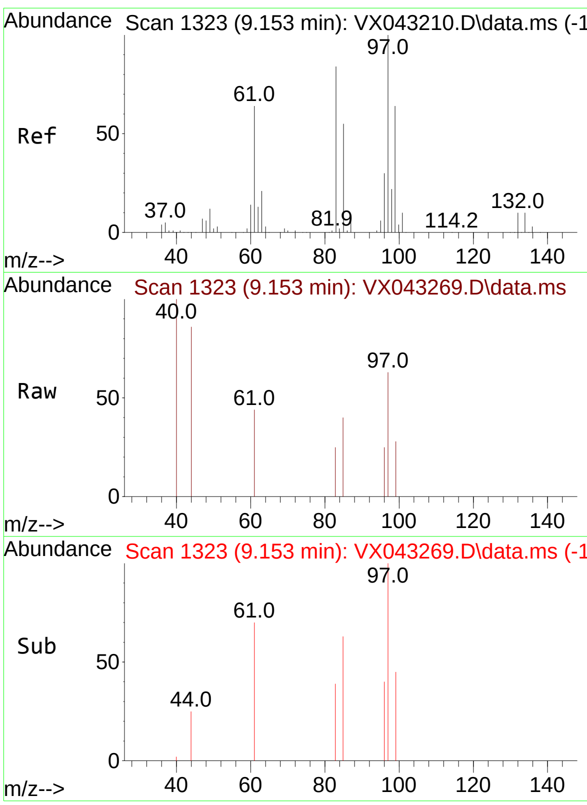
#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.641 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 43 Resp: 936

Ion	Ratio	Lower	Upper
43	100		
58	154.8	30.0	45.0#

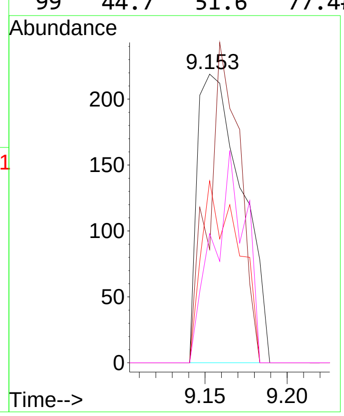


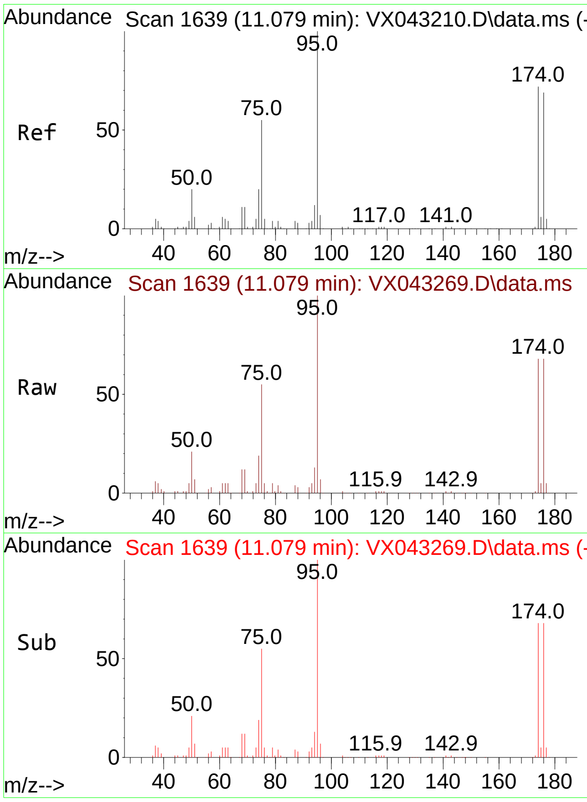


#55
1,1,2-Trichloroethane
Concen: 0.422 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 97 Resp: 413

Ion	Ratio	Lower	Upper
97	100		
83	39.3	66.9	100.3#
85	63.0	43.9	65.9
99	44.7	51.6	77.4#



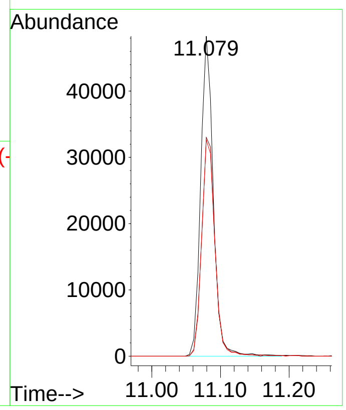


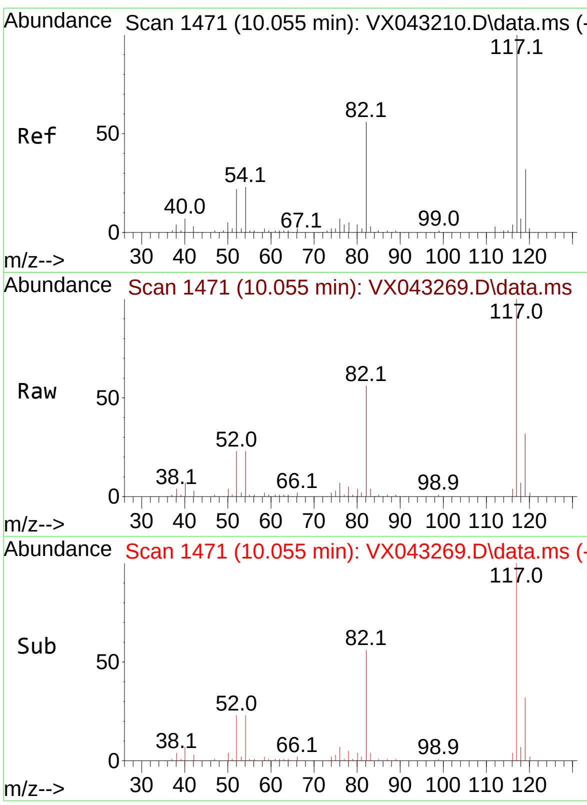
#62
4-Bromofluorobenzene
Concen: 47.926 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 95 Resp: 61829

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	145.0
176	71.2	0.0	143.0

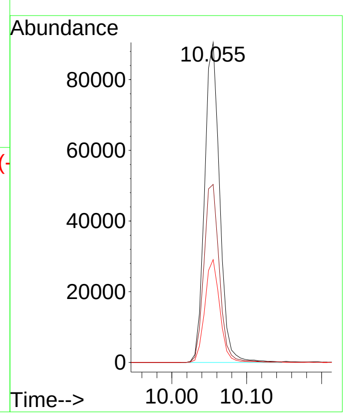


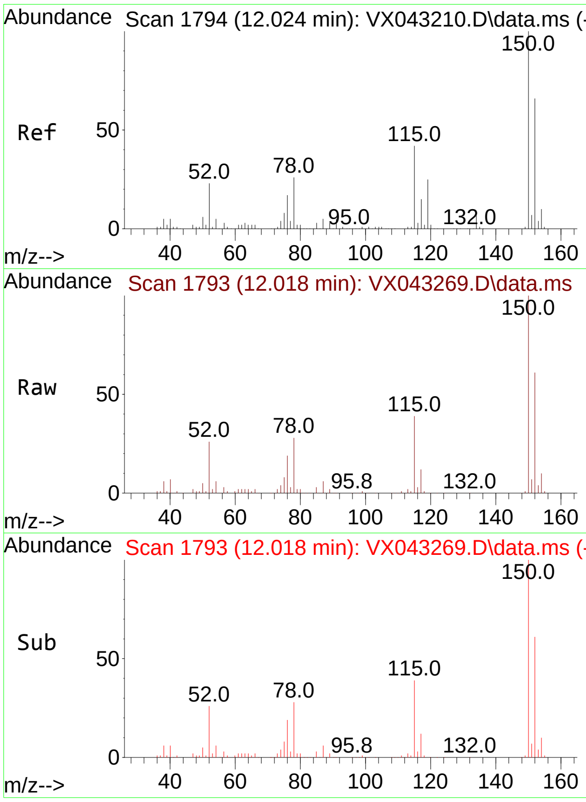


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion:117 Resp: 127313

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.0	67.6
119	32.2	25.3	37.9



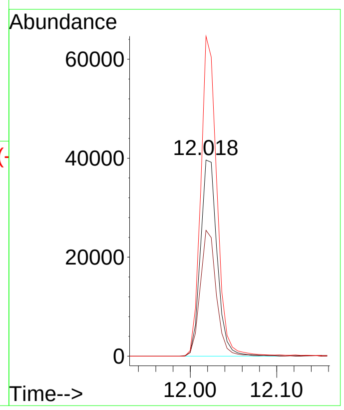


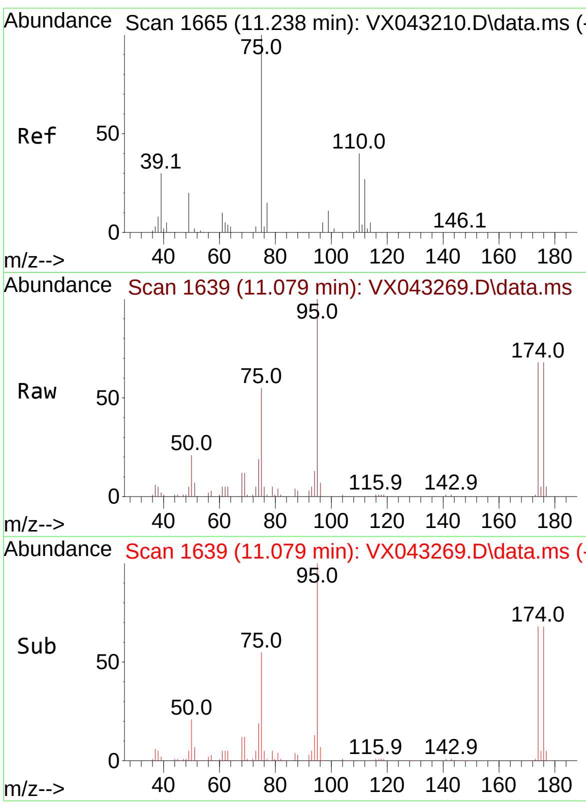
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument : MSVOA_X
ClientSampleId : RE114D2-20240930

Tgt Ion:152 Resp: 53259

Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.1	132.3
150	157.2	0.0	347.4

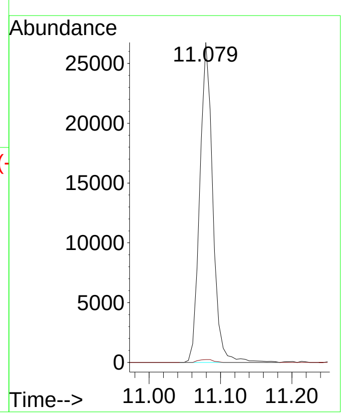


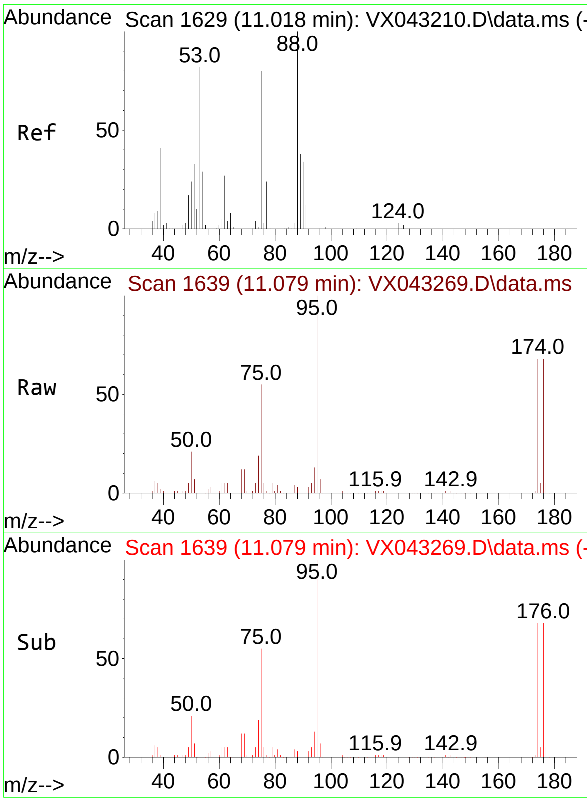


#76
1,2,3-Trichloropropane
Concen: 28.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Tgt Ion: 75 Resp: 33874

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.0	66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.313 ug/l
RT: 11.079 min Scan# 1(
Delta R.T. 0.061 min
Lab File: VX043269.D
Acq: 03 Oct 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20240930

Tgt Ion: 75 Resp: 33874

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.9	125.9#
89	0.0	38.6	58.0#