Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
Data File : VX022940.D
Acq On : 25 Jun 2021 22:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 26 03:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	61512	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56359	50.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.98%			
35) Dibromofluoromethane	5.391	113	40704	51.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.52%			
50) Toluene-d8	8.653	98	155561	50.47	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.94%			
62) 4-Bromofluorobenzene	11.085	95	58537	50.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	44132	50.85	ug/l	99
3) Chloromethane	1.294	50	44529	46.73	ug/l	99
4) Vinyl Chloride	1.374	62	44443	50.54	ug/l	99
5) Bromomethane	1.599	94	26299	54.29	ug/l	93
6) Chloroethane	1.685	64	28349	52.16	ug/l	97
7) Trichlorofluoromethane	1.886	101	66363	51.95	ug/l	94
8) Diethyl Ether	2.142	74	26077	52.89	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	41233	51.55	ug/l	89
10) Methyl Iodide	2.453	142	34271	36.75	ug/l	93
11) Tert butyl alcohol	2.977	59	57801	248.44	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39908	50.01	ug/l	87
13) Acrolein	2.239	56	33345	230.44	ug/l	100
14) Allyl chloride	2.666	41	76951	50.76	ug/l	94
15) Acrylonitrile	3.075	53	144435	271.57	ug/l	98
16) Acetone	2.386	43	125449	253.49	ug/l	94
17) Carbon Disulfide	2.514	76	95840	44.49	ug/l	100
18) Methyl Acetate	2.709	43	64804	53.21	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	152002	53.12	ug/l	99
20) Methylene Chloride	2.794	84	49921	50.85	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	45078	50.92	ug/l	95
22) Diisopropyl ether	3.770	45	170470	54.06	ug/l	95
23) Vinyl Acetate	3.733	43	737086	278.62	ug/l	94
24) 1,1-Dichloroethane	3.617	63	88146	52.32	ug/l	97
25) 2-Butanone	4.568	43	208342	270.72	ug/l	91
26) 2,2-Dichloropropane	4.489	77	48521	37.95	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	51996	52.92	ug/l	97
28) Bromochloromethane	4.910	49	40815	51.42	ug/l #	77
29) Tetrahydrofuran	5.019	42	138837	280.47	ug/l	86
30) Chloroform	5.105	83	88936	52.48	ug/l	98
31) Cyclohexane	5.477	56	79578	50.49	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	73282	53.82	ug/l	96
36) 1,1-Dichloropropene	5.702	75	64894	49.33	ug/l	97
37) Ethyl Acetate	4.727	43	81374	53.40	ug/l #	93
38) Carbon Tetrachloride	5.690	117	58432	52.96	ug/l	95
39) Methylcyclohexane	7.385	83	76516	49.86	ug/l	94
40) Benzene	6.050	78	197171	51.98	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
Data File : VX022940.D
Acq On : 25 Jun 2021 22:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 26 03:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	43255	51.53	ug/l		92
42) 1,2-Dichloroethane	6.092	62	74801	53.60	ug/l		95
43) Isopropyl Acetate	6.348	43	129397	52.82	ug/l	#	92
44) Trichloroethene	7.135	130	46481	51.67	ug/l		90
45) 1,2-Dichloropropane	7.440	63	51616	52.76	ug/l		100
46) Dibromomethane	7.586	93	33815	52.10	ug/l	#	84
47) Bromodichloromethane	7.830	83	64118	48.69	ug/l		98
48) Methyl methacrylate	7.696	41	61131	53.92	ug/l		86
49) 1,4-Dioxane	7.665	88	26030	1066.50	ug/l	#	94
51) 4-Methyl-2-Pentanone	8.580	43	421453	276.42	ug/l		90
52) Toluene	8.726	92	120553	52.57	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	68307	44.22	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	76391	46.11	ug/l	#	91
55) 1,1,2-Trichloroethane	9.159	97	49309	53.60	ug/l		97
56) Ethyl methacrylate	9.122	69	83338	49.11	ug/l	#	81
57) 1,3-Dichloropropane	9.311	76	86724	51.86	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.251	63	213320	252.65	ug/l		94
59) 2-Hexanone	9.433	43	322972	279.21	ug/l		87
60) Dibromochloromethane	9.525	129	42594	47.47	ug/l		100
61) 1,2-Dibromoethane	9.616	107	49743	53.24	ug/l		97
64) Tetrachloroethene	9.281	164	41796	52.05	ug/l		93
65) Chlorobenzene	10.086	112	120701	50.16	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40489	52.06	ug/l		97
67) Ethyl Benzene	10.195	91	230883	52.10	ug/l		96
68) m/p-Xylenes	10.305	106	168020	102.10	ug/l		94
69) o-Xylene	10.646	106	81590	50.94	ug/l		95
70) Styrene	10.659	104	139388	52.43	ug/l		95
71) Bromoform	10.805	173	24464	44.37	ug/l	#	99
73) Isopropylbenzene	10.963	105	217532	50.46	ug/l		97
74) N-amyl acetate	10.848	43	114204	47.06	ug/l		89
75) 1,1,2,2-Tetrachloroethane	11.213	83	74905	50.58	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	83910	62.35	ug/l		89
77) Bromobenzene	11.201	156	44127	49.22	ug/l		79
78) n-propylbenzene	11.311	91	266671	51.12	ug/l		95
79) 2-Chlorotoluene	11.366	91	157748	50.08	ug/l		95
80) 1,3,5-Trimethylbenzene	11.457	105	182709	51.61	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.024	75	19306	40.21	ug/l	#	83
82) 4-Chlorotoluene	11.457	91	181409	49.84	ug/l		95
83) tert-Butylbenzene	11.719	119	166126	49.69	ug/l		89
84) 1,2,4-Trimethylbenzene	11.756	105	182083	51.10	ug/l		97
85) sec-Butylbenzene	11.896	105	229982	51.01	ug/l		98
86) p-Isopropyltoluene	12.012	119	181687	50.71	ug/l		95
87) 1,3-Dichlorobenzene	11.969	146	86396	49.95	ug/l		96
88) 1,4-Dichlorobenzene	12.043	146	87066	48.14	ug/l		95
89) n-Butylbenzene	12.335	91	180364	52.95	ug/l		95
90) Hexachloroethane	12.542	117	28725	43.84	ug/l		72
91) 1,2-Dichlorobenzene	12.341	146	83870	49.68	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15675	45.23	ug/l		72
93) 1,2,4-Trichlorobenzene	13.591	180	48692	52.01	ug/l		96
94) Hexachlorobutadiene	13.725	225	18888	51.48	ug/l		99
95) Naphthalene	13.780	128	202694	48.85	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	50278	53.31	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
Data File : VX022940.D
Acq On : 25 Jun 2021 22:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 26 03:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

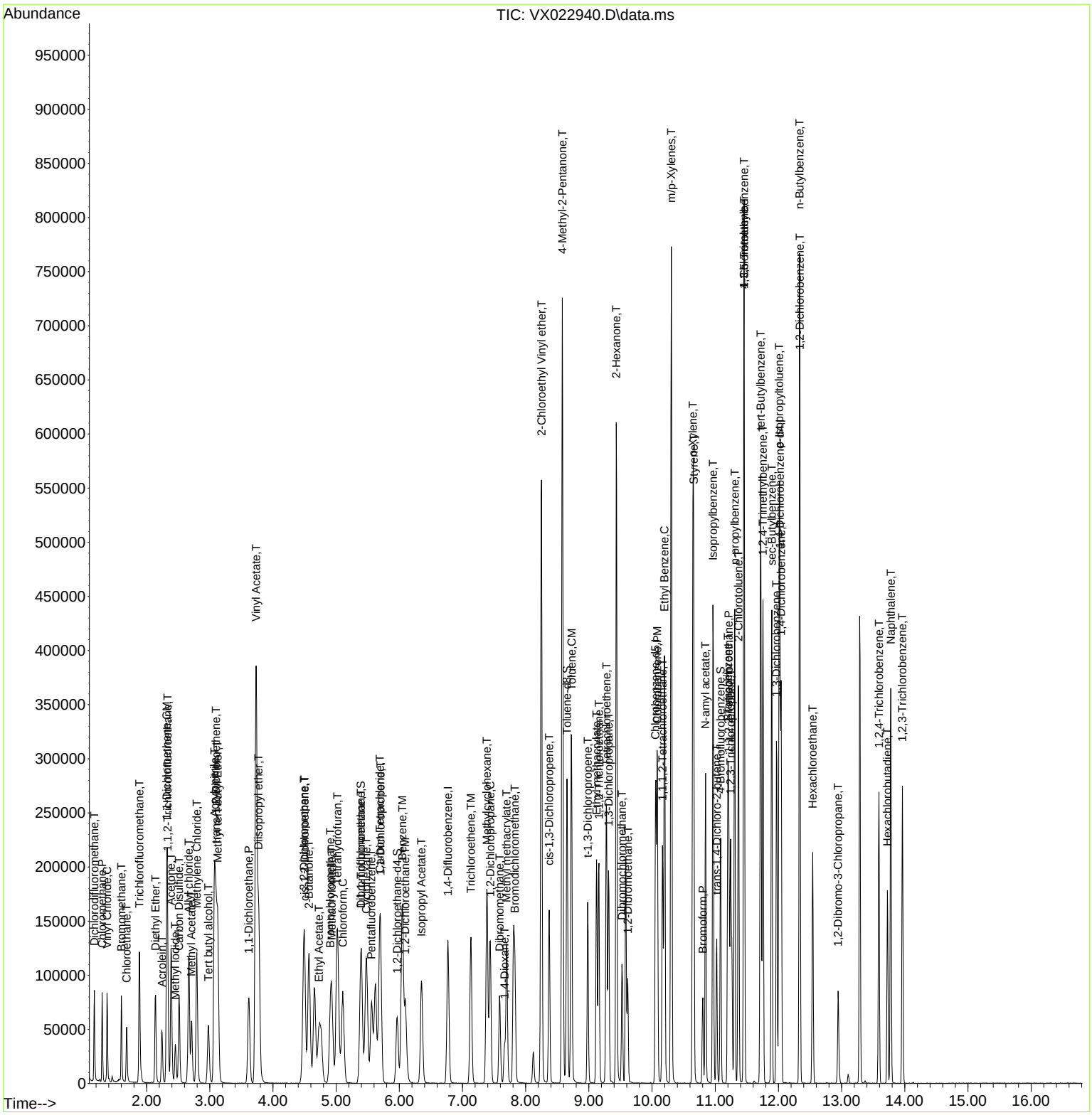
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

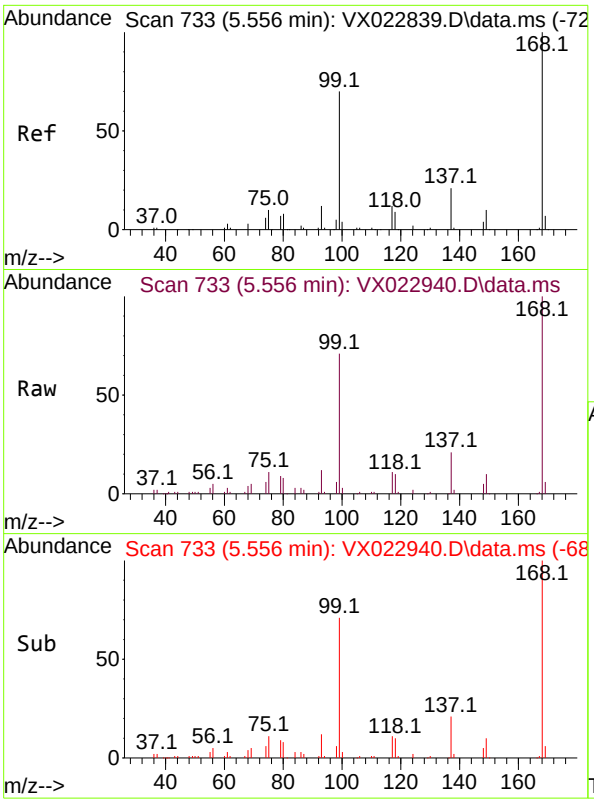
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
Data File : VX022940.D
Acq On : 25 Jun 2021 22:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 26 03:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



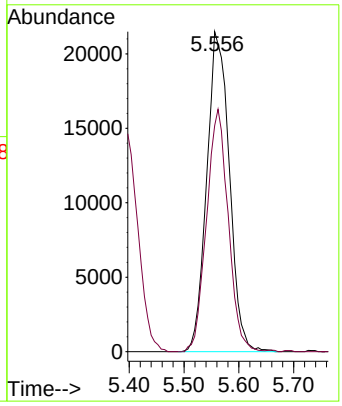
Instrument :
MSVOA_X
ClientSampleId :

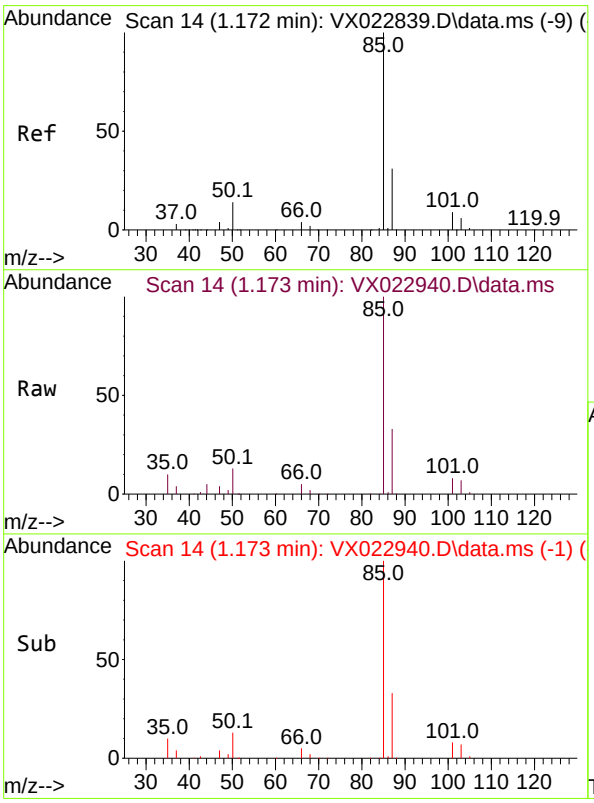


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:168 Resp: 61512

Ion	Ratio	Lower	Upper
168	100		
99	70.6	45.8	68.6#

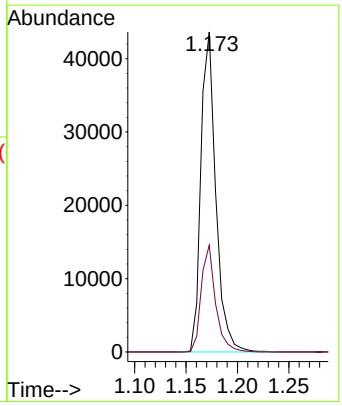




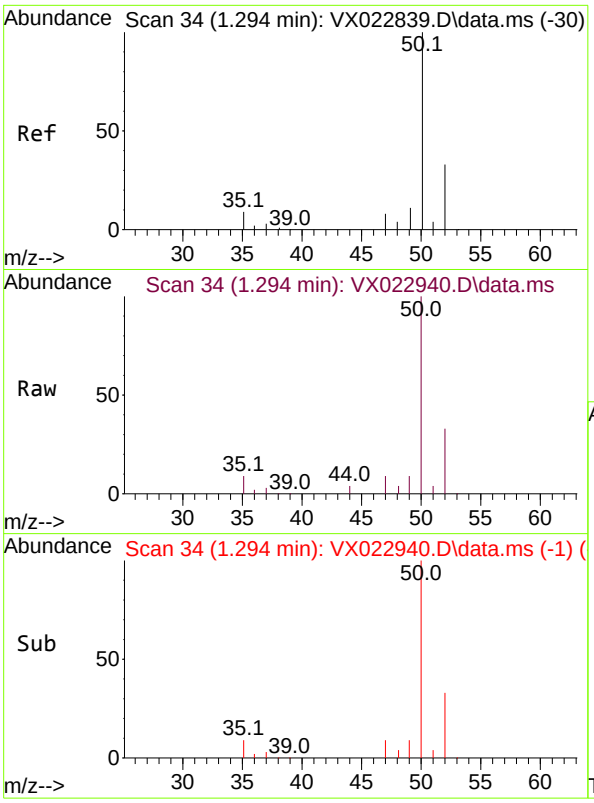
#2
Dichlorodifluoromethane
Concen: 50.85 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 85 Resp: 44132

Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.4	49.2



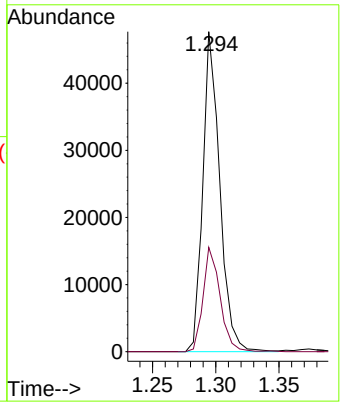
Instrument :
MSVOA_X
ClientSampleId :

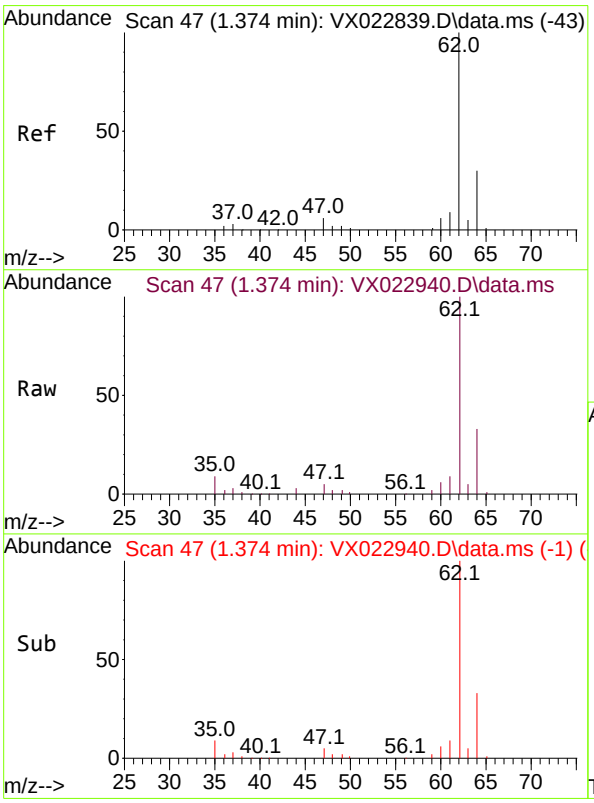


#3
Chloromethane
Concen: 46.73 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 50 Resp: 44529

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.4	39.6

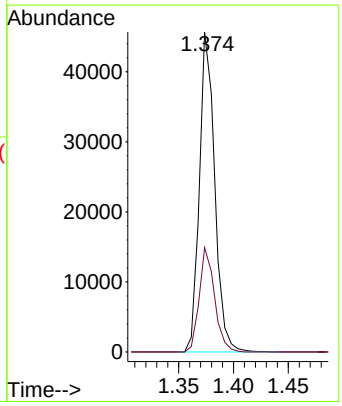


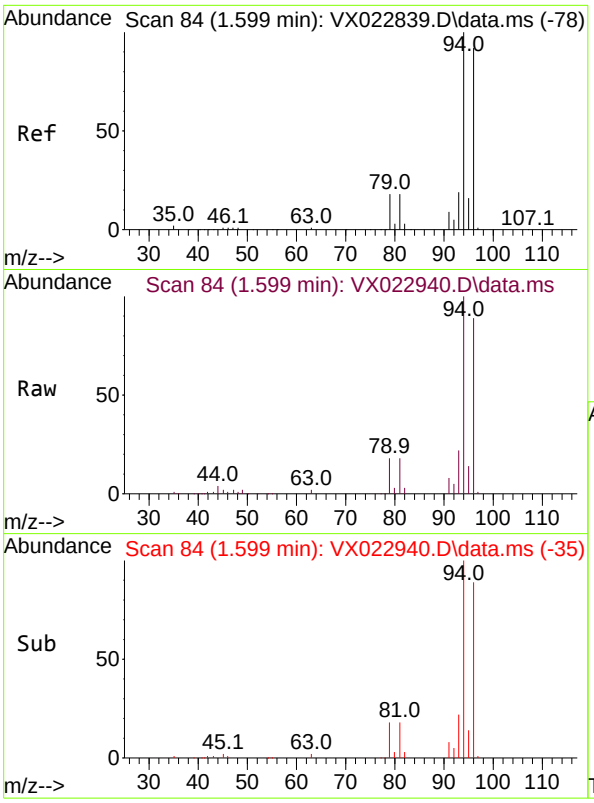


#4
Vinyl Chloride
Concen: 50.54 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 62 Resp: 44443

Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.7	38.5

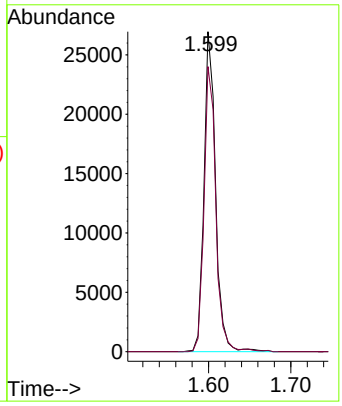




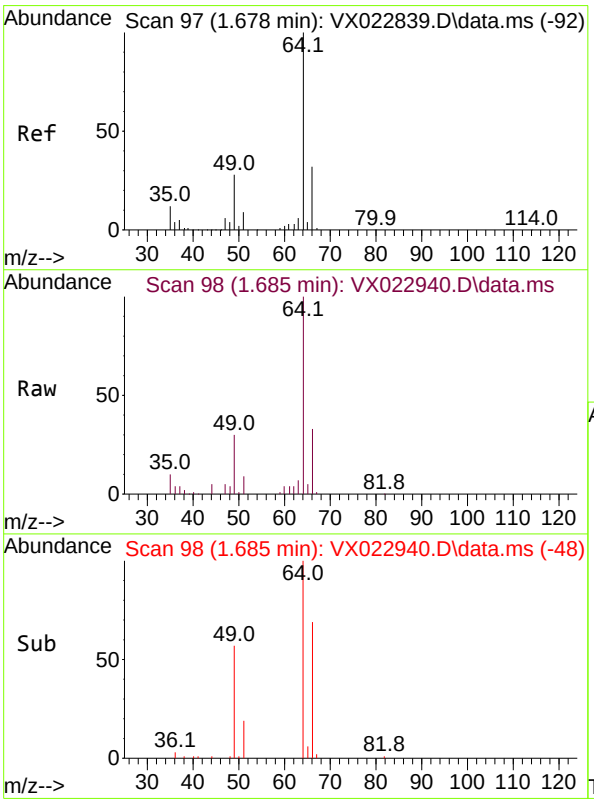
#5
Bromomethane
Concen: 54.29 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 94 Resp: 26299

Ion	Ratio	Lower	Upper
94	100		
96	89.1	76.4	114.6



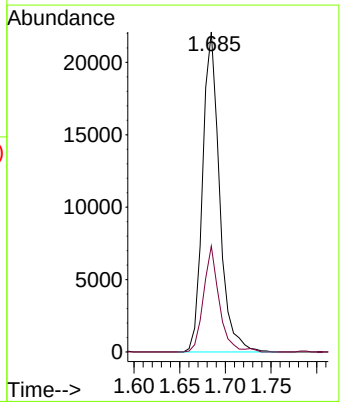
Instrument :
MSVOA_X
ClientSampleId :

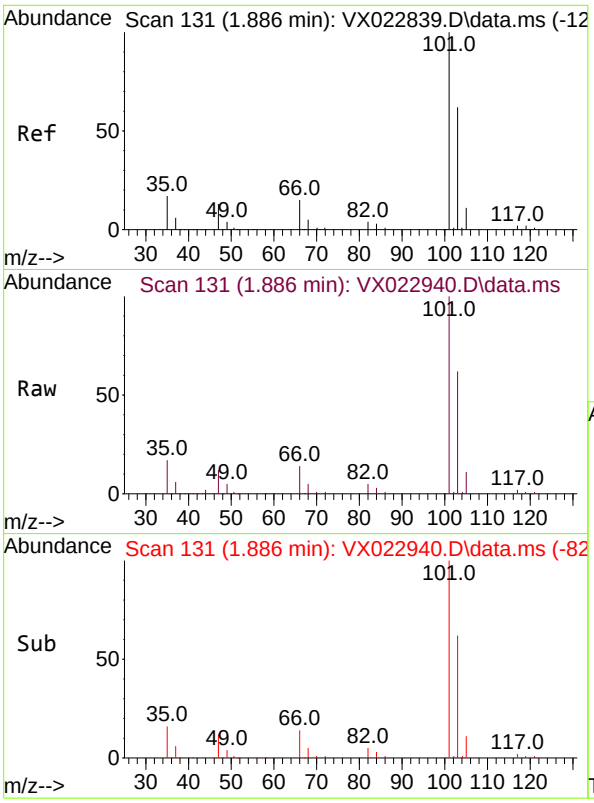


#6
Chloroethane
Concen: 52.16 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 64 Resp: 28349

Ion	Ratio	Lower	Upper
64	100		
66	33.1	25.4	38.0

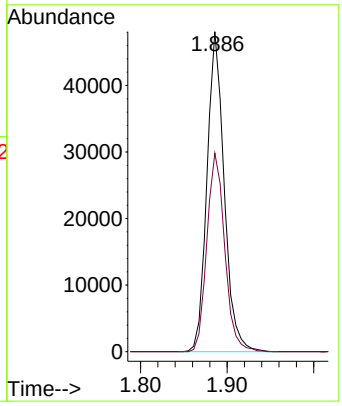




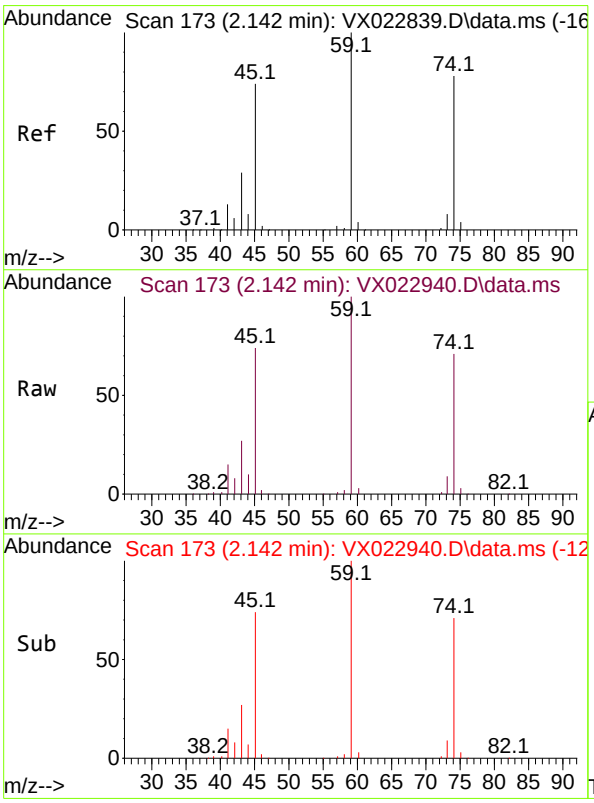
#7
Trichlorofluoromethane
Concen: 51.95 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:101 Resp: 66363

Ion	Ratio	Lower	Upper
101	100		
103	62.0	53.2	79.8



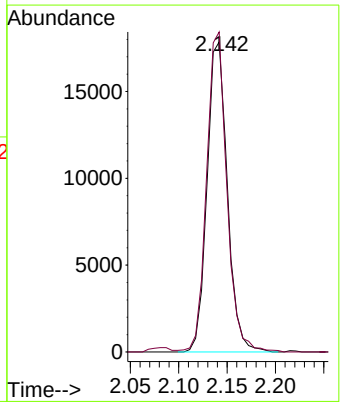
Instrument :
MSVOA_X
ClientSampleId :



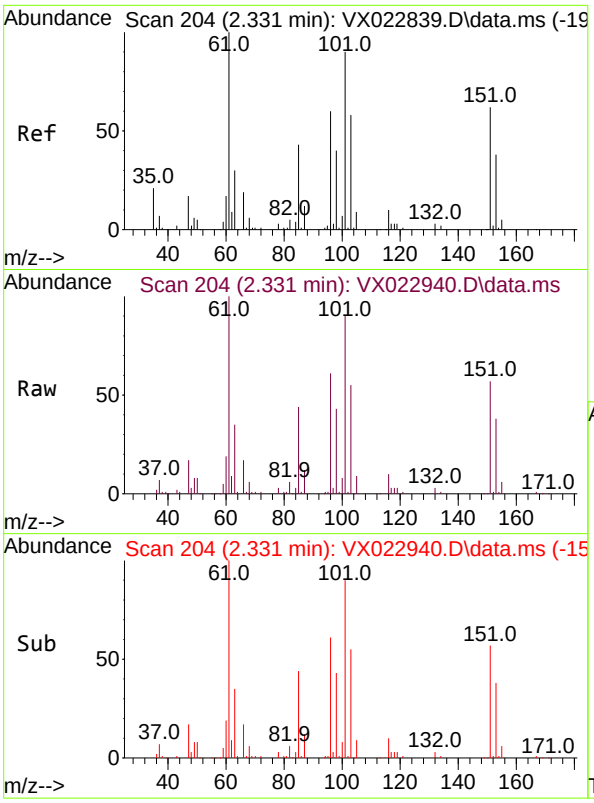
#8
Diethyl Ether
Concen: 52.89 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 74 Resp: 26077

Ion	Ratio	Lower	Upper
74	100		
45	103.3	44.5	133.5



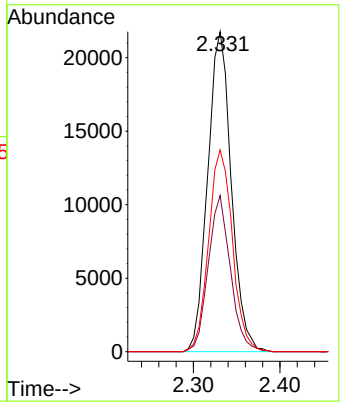
Instrument :
MSVOA_X
ClientSampleId :

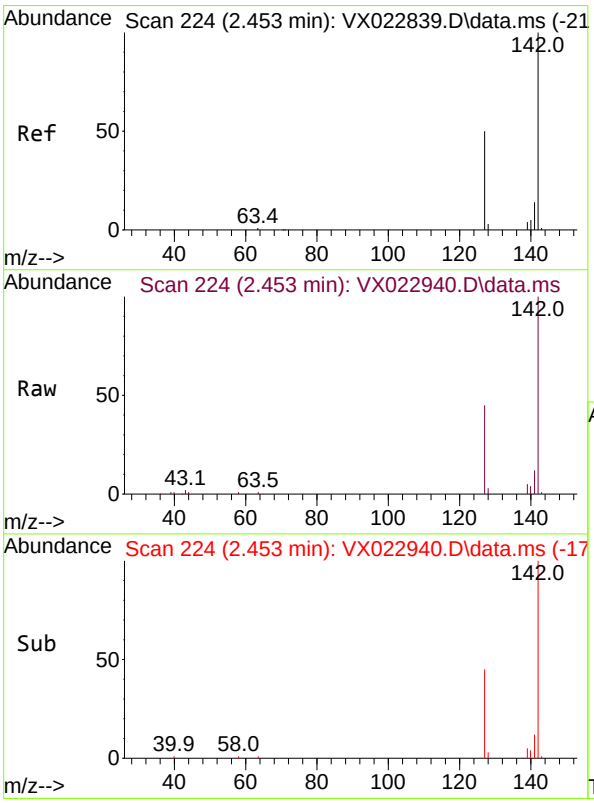


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.55 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:101 Resp: 41233

Ion	Ratio	Lower	Upper
101	100		
85	45.8	34.9	52.3
151	63.6	61.4	92.2

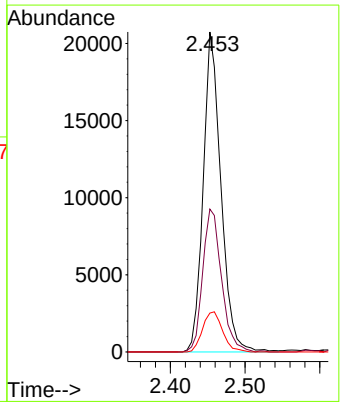




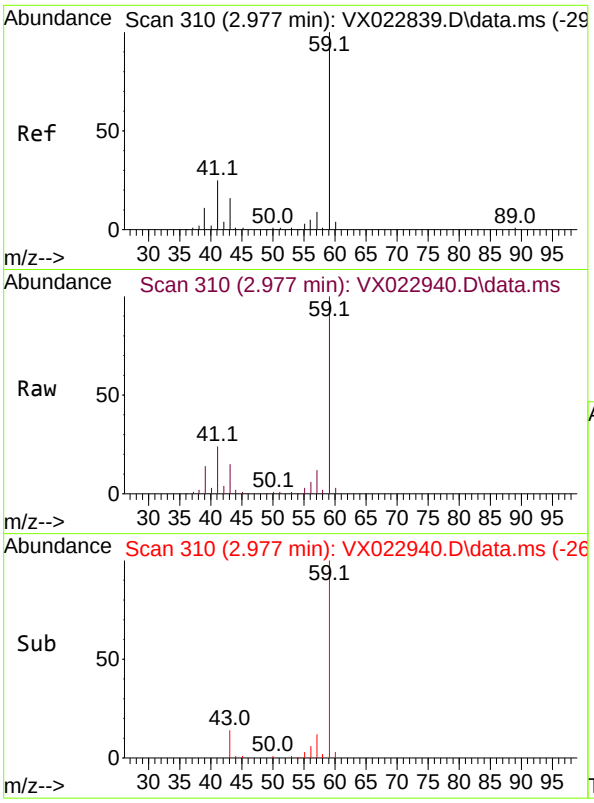
#10
Methyl Iodide
Concen: 36.75 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:142 Resp: 34271

Ion	Ratio	Lower	Upper
142	100		
127	47.3	33.3	49.9
141	14.2	11.4	17.0



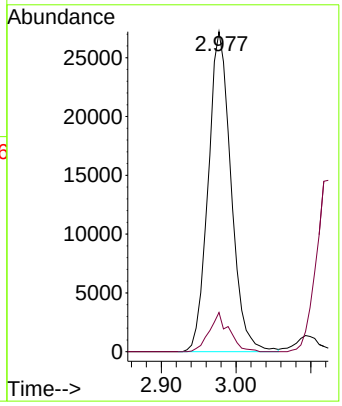
Instrument :
MSVOA_X
ClientSampleId :

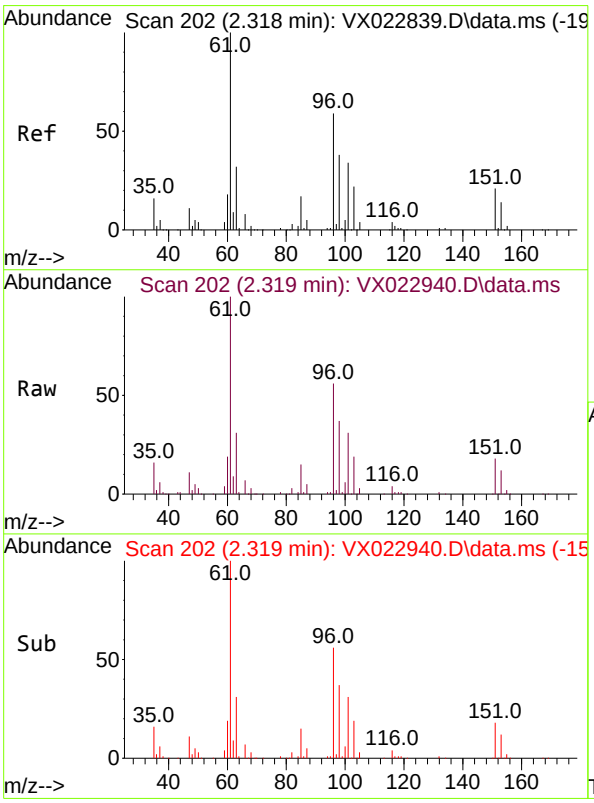


#11
Tert butyl alcohol
Concen: 248.44 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 59 Resp: 57801

Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.8	11.8

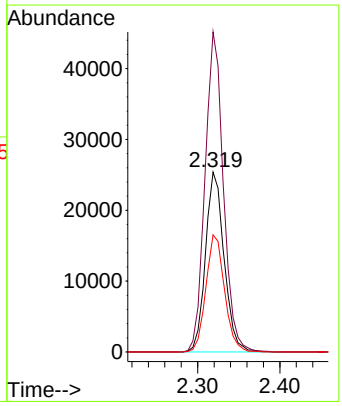




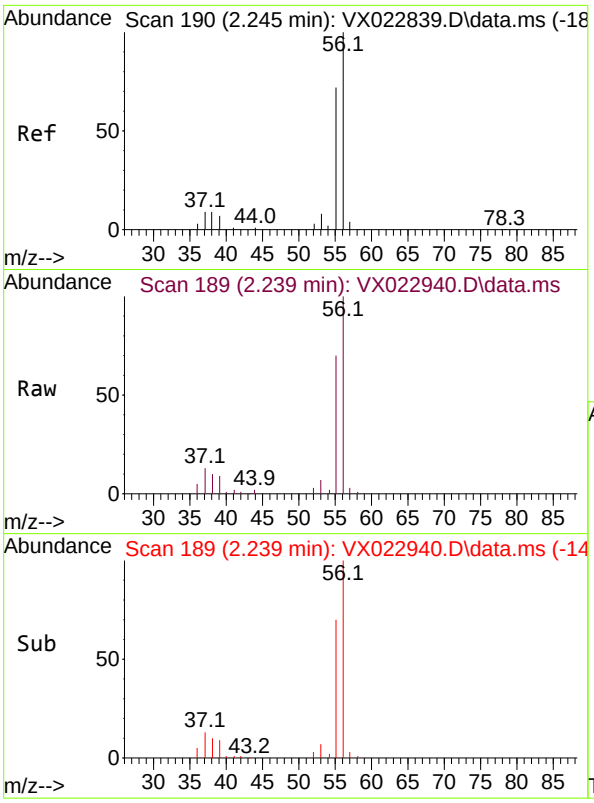
#12
1,1-Dichloroethene
Concen: 50.01 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 96 Resp: 39908

Ion	Ratio	Lower	Upper
96	100		
61	177.9	124.6	187.0
98	65.1	50.6	76.0



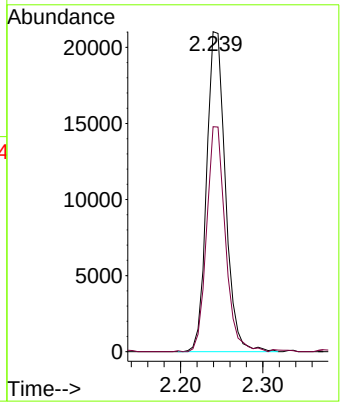
Instrument :
MSVOA_X
ClientSampleId :

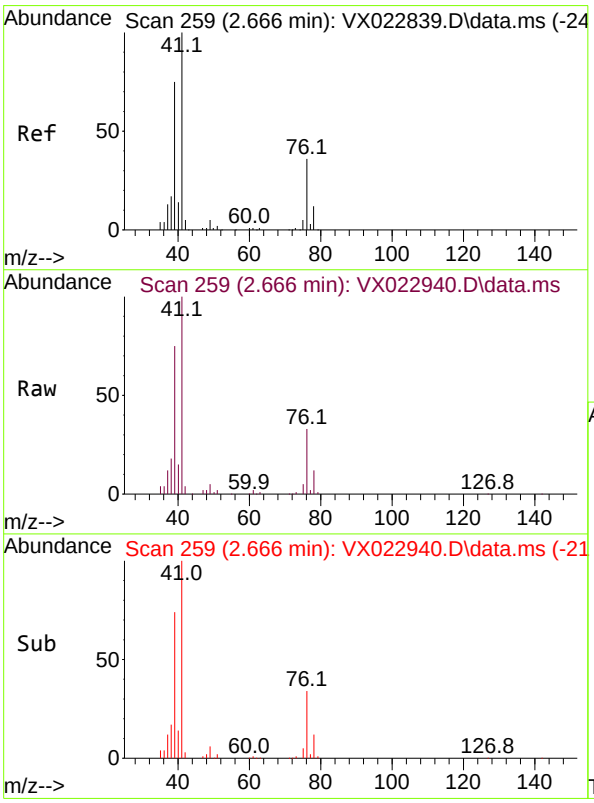


#13
Acrolein
Concen: 230.44 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 56 Resp: 33345

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.4	84.6

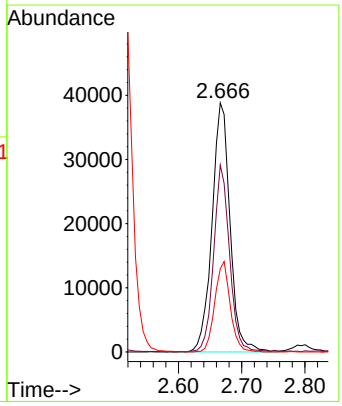




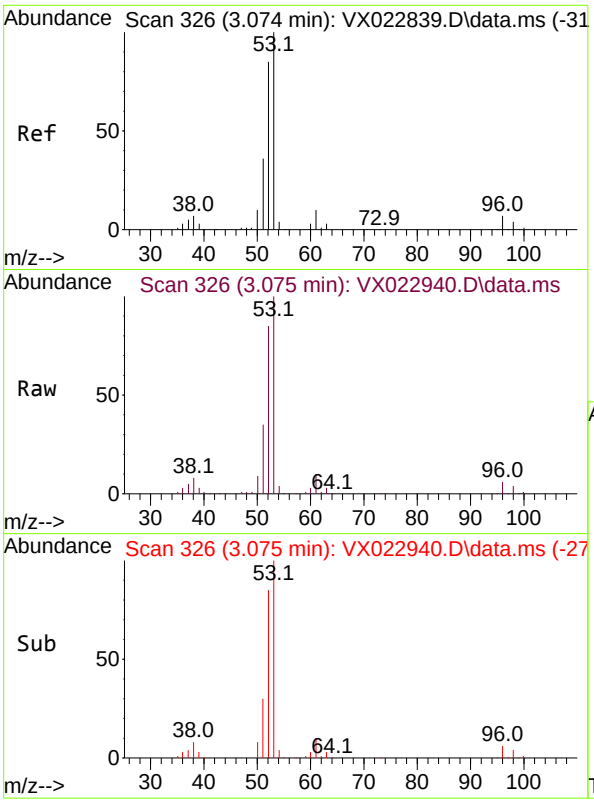
#14
Allyl chloride
Concen: 50.76 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 41 Resp: 76951

Ion	Ratio	Lower	Upper
41	100		
39	66.2	51.6	77.4
76	31.0	30.5	45.7



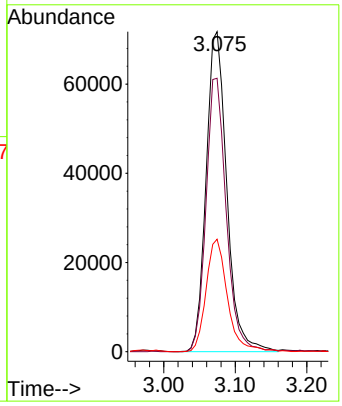
Instrument :
MSVOA_X
ClientSampleId :

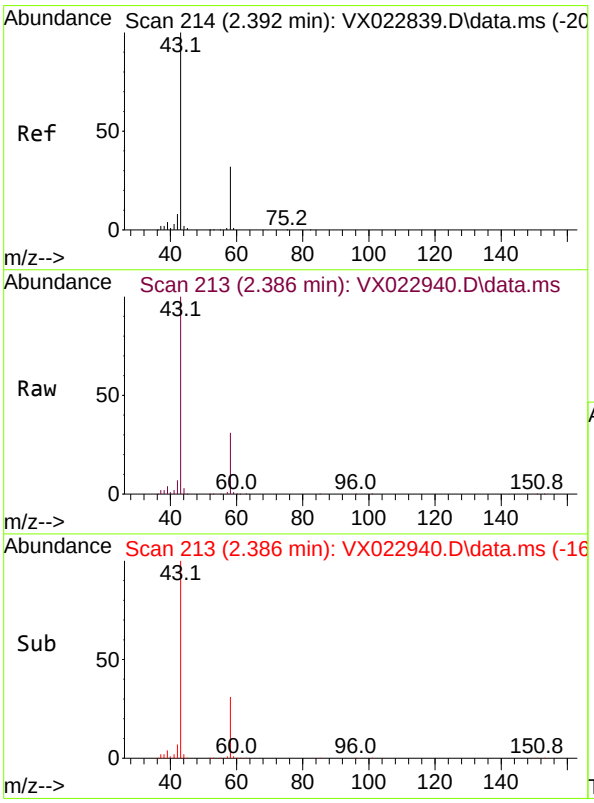


#15
Acrylonitrile
Concen: 271.57 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 53 Resp: 144435

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.3	97.9
51	36.3	28.2	42.2

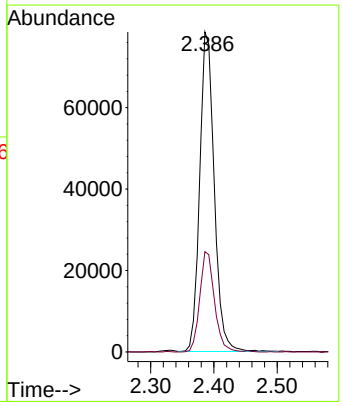


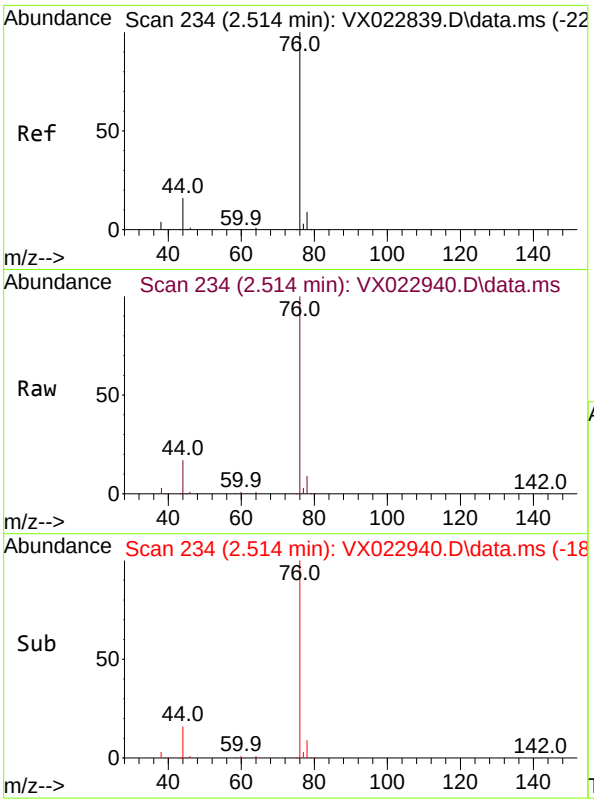


#16
Acetone
Concen: 253.49 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 125449

Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.8	41.8

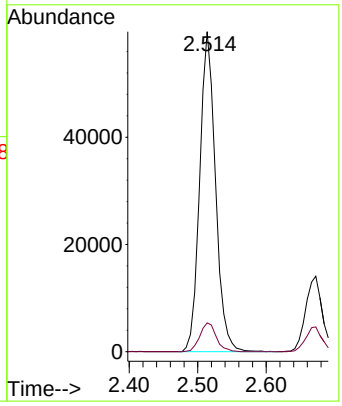




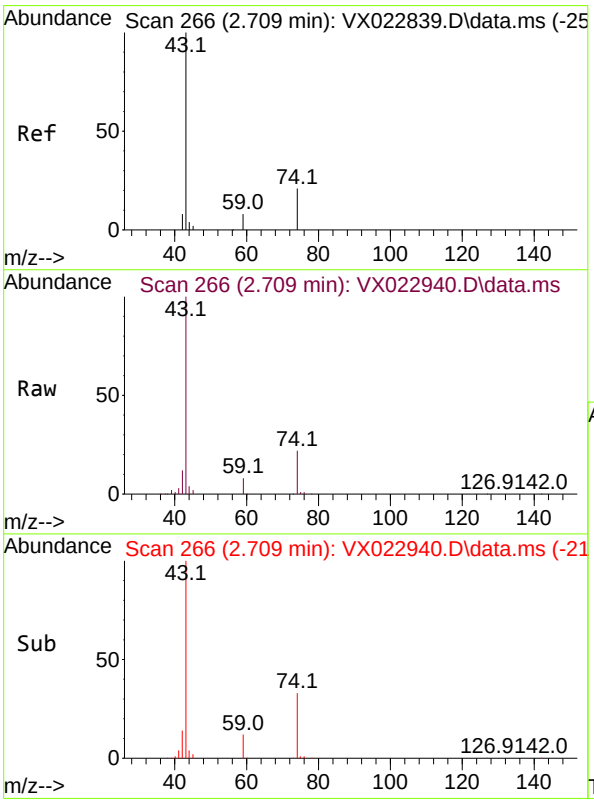
#17
Carbon Disulfide
Concen: 44.49 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 76 Resp: 95840

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8



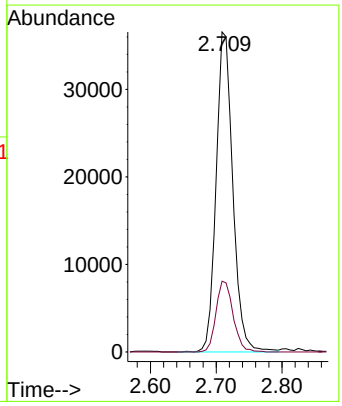
Instrument :
MSVOA_X
ClientSampleId :

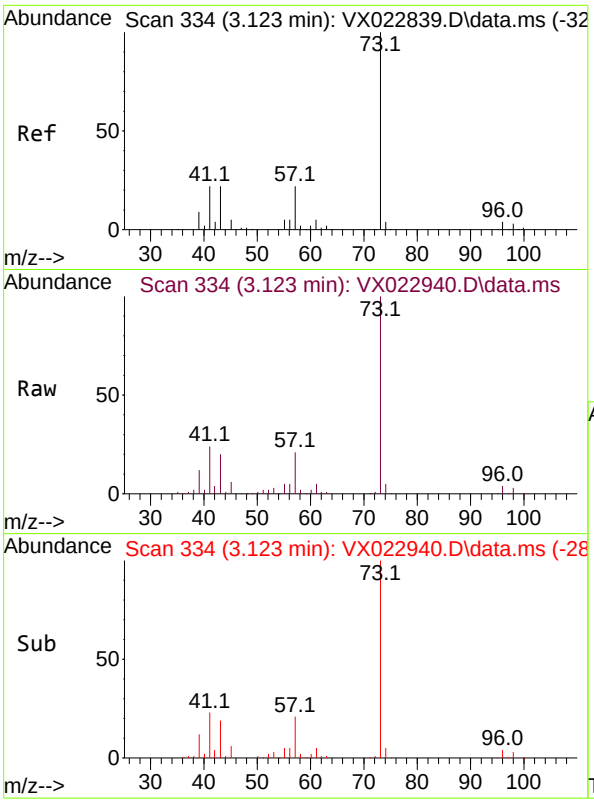


#18
Methyl Acetate
Concen: 53.21 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 64804

Ion	Ratio	Lower	Upper
43	100		
74	22.5	21.9	32.9

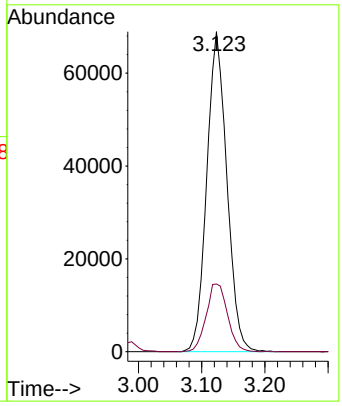




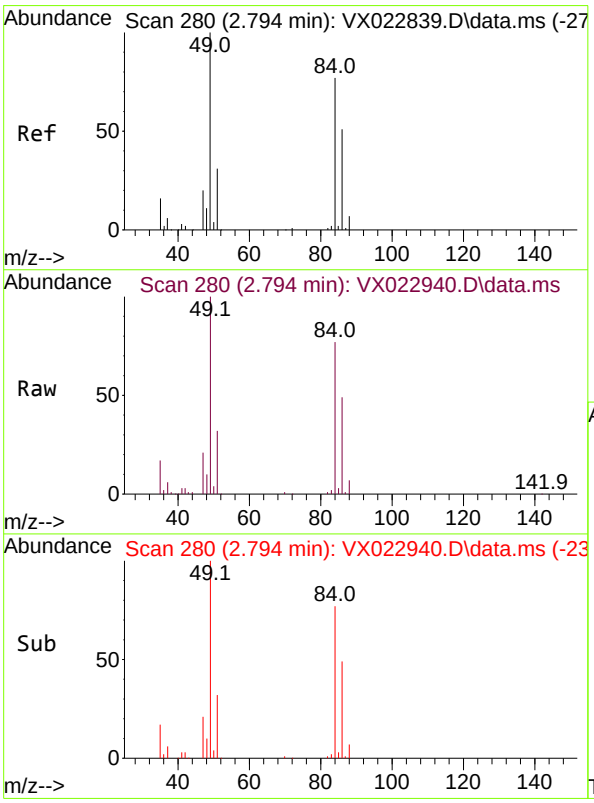
#19
Methyl tert-butyl Ether
Concen: 53.12 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 73 Resp: 152002

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7



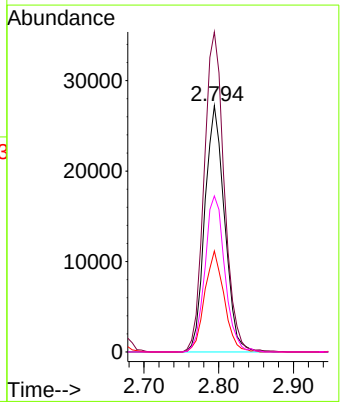
Instrument :
MSVOA_X
ClientSampleId :



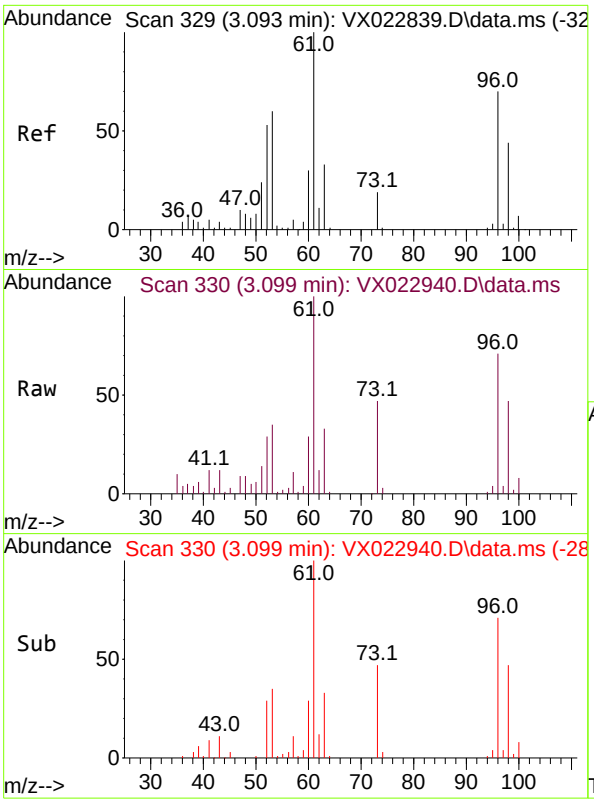
#20
Methylene Chloride
Concen: 50.85 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 84 Resp: 49921

Ion	Ratio	Lower	Upper
84	100		
49	129.9	88.6	132.8
51	41.0	27.0	40.6#
86	63.4	50.3	75.5



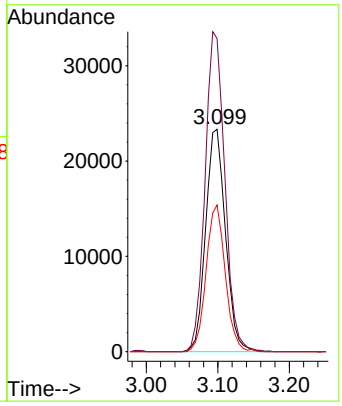
Instrument :
MSVOA_X
ClientSampleId :

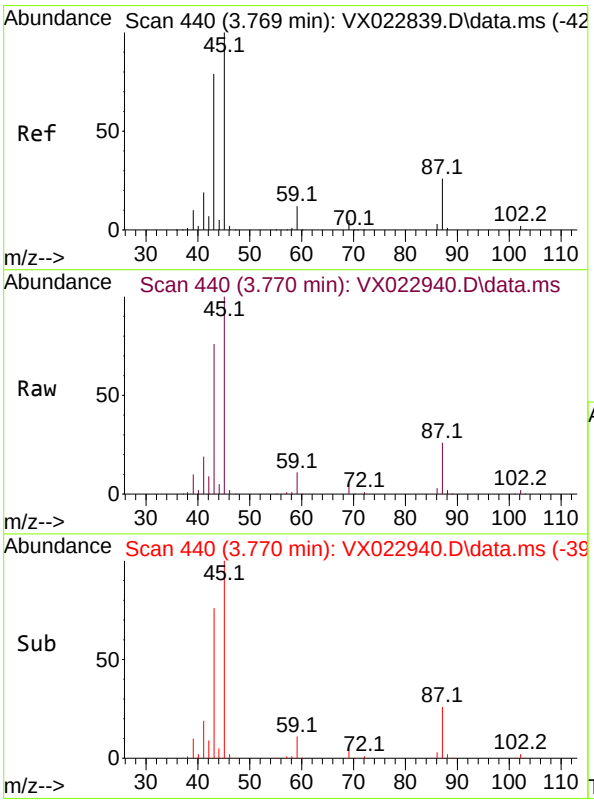


#21
trans-1,2-Dichloroethene
Concen: 50.92 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 96 Resp: 45078

Ion	Ratio	Lower	Upper
96	100		
61	140.7	107.7	161.5
98	65.9	50.4	75.6

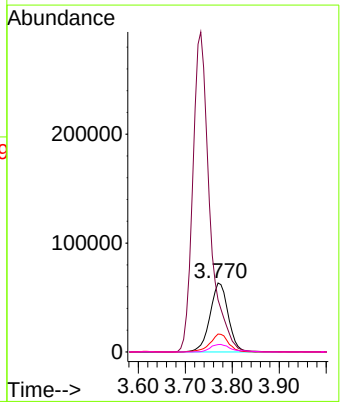




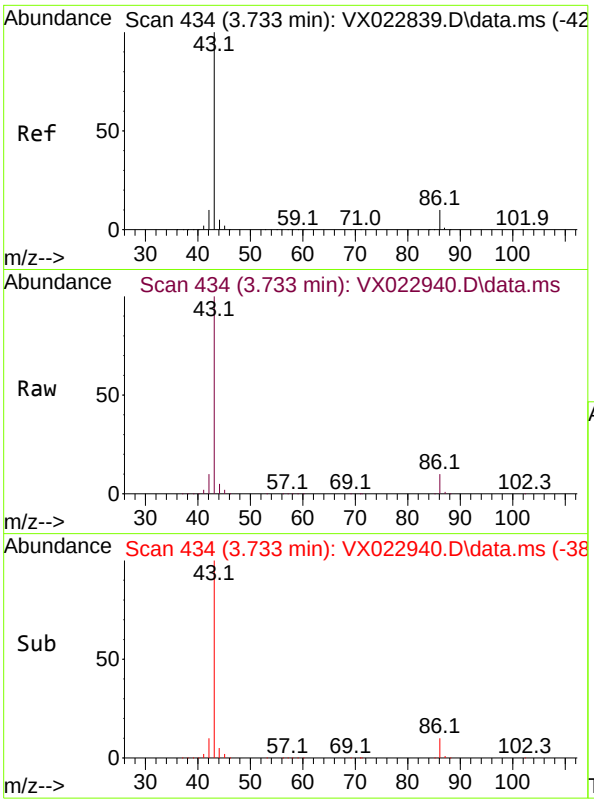
#22
Diisopropyl ether
Concen: 54.06 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 45 Resp: 170470

Ion	Ratio	Lower	Upper
45	100		
43	75.2	58.0	87.0
87	25.9	25.4	38.0
59	10.7	10.2	15.2



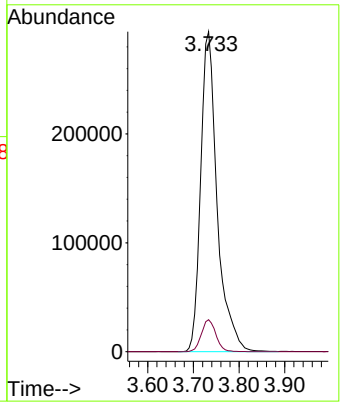
Instrument :
MSVOA_X
ClientSampleId :

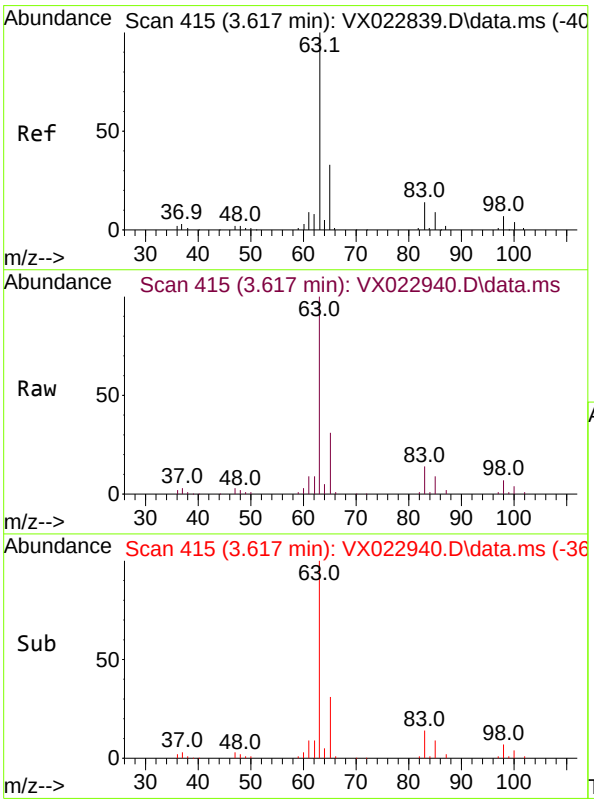


#23
Vinyl Acetate
Concen: 278.62 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 737086

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.9	14.9

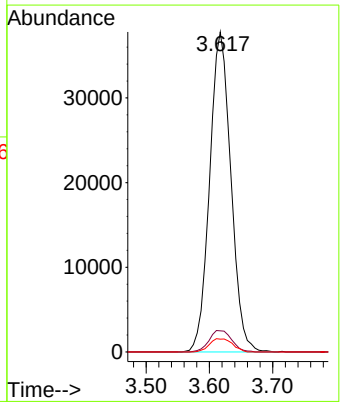


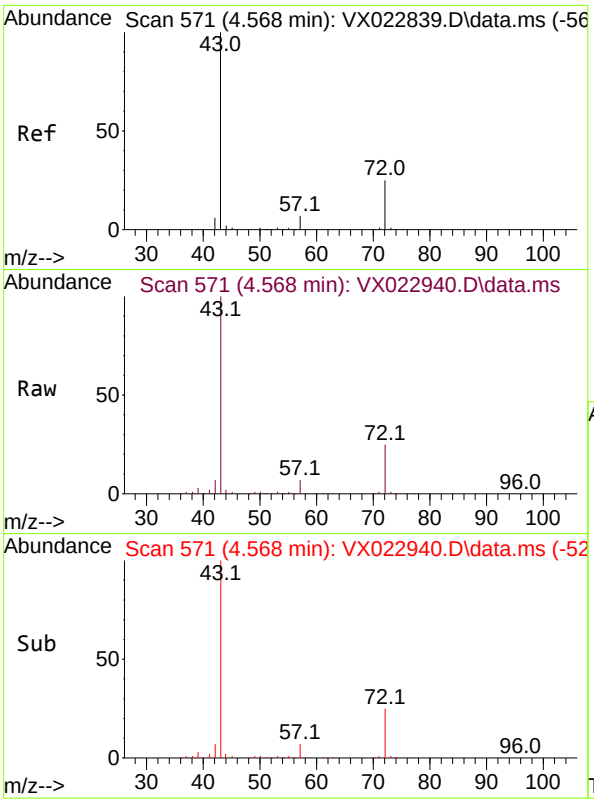


#24
1,1-Dichloroethane
Concen: 52.32 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 63 Resp: 88146

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.2
100	4.0	2.5	7.5

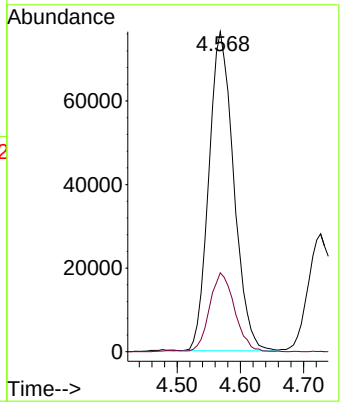




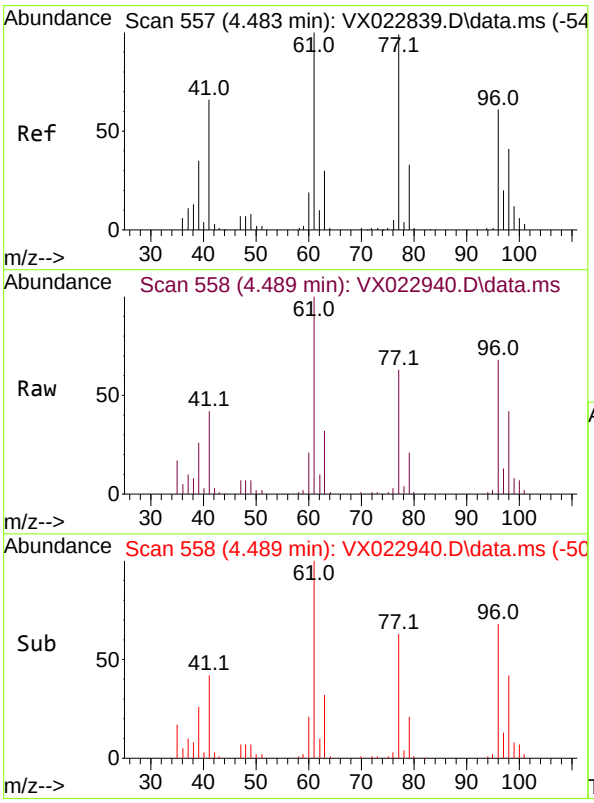
#25
2-Butanone
Concen: 270.72 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 208342

Ion	Ratio	Lower	Upper
43	100		
72	24.5	23.7	35.5



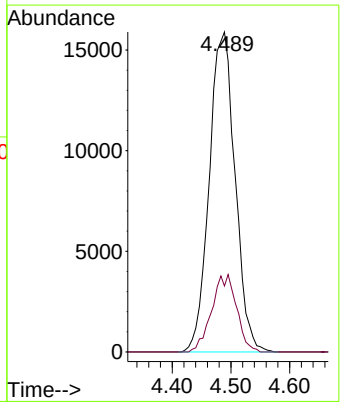
Instrument :
MSVOA_X
ClientSampleId :



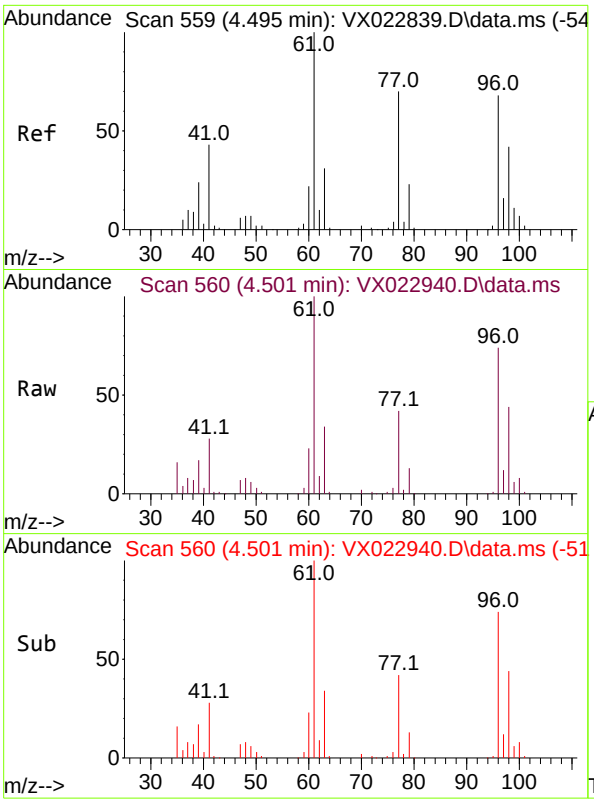
#26
2,2-Dichloropropane
Concen: 37.95 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 77 Resp: 48521

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.7	35.1



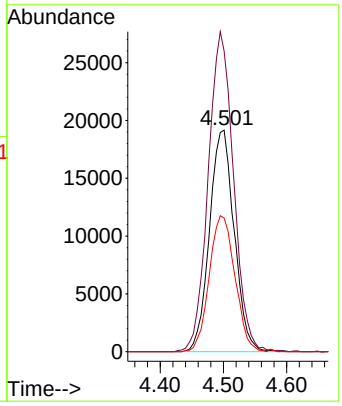
Instrument :
MSVOA_X
ClientSampleId :

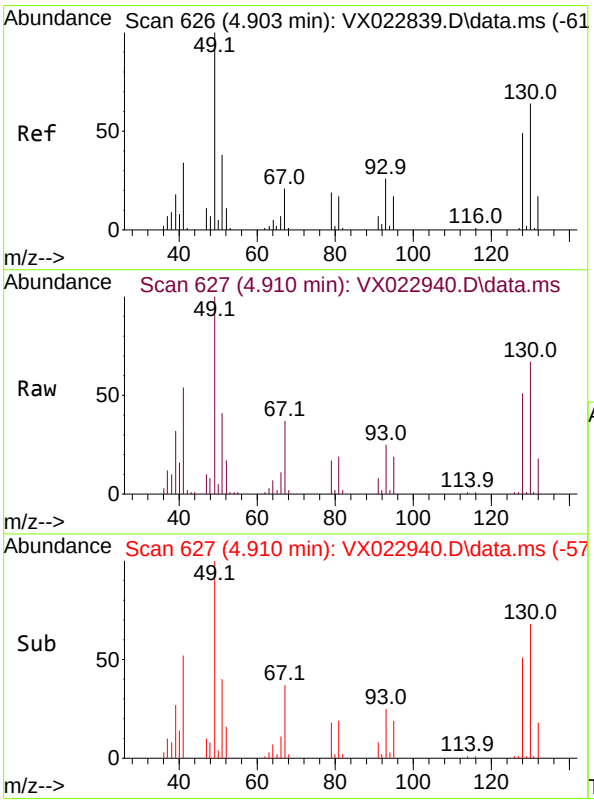


#27
cis-1,2-Dichloroethene
Concen: 52.92 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 96 Resp: 51996

Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	285.6
98	63.7	0.0	129.6

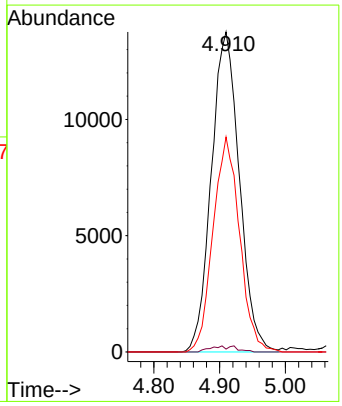


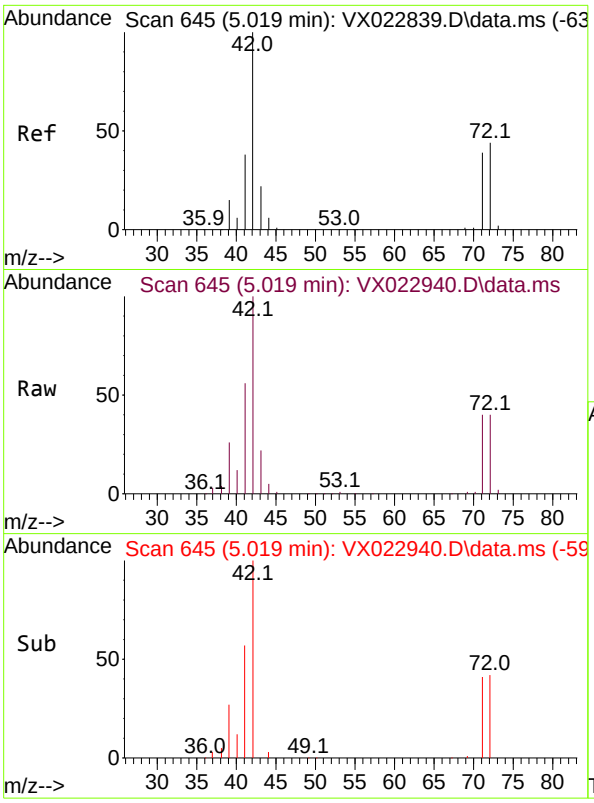


#28
Bromochloromethane
Concen: 51.42 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.007 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 49 Resp: 40815

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	63.6	68.2	102.2#

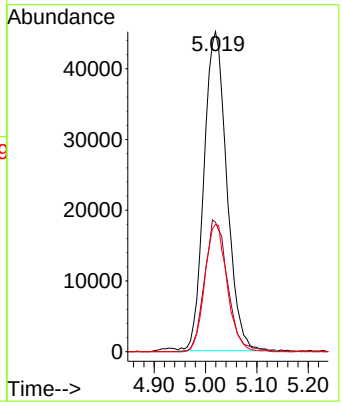




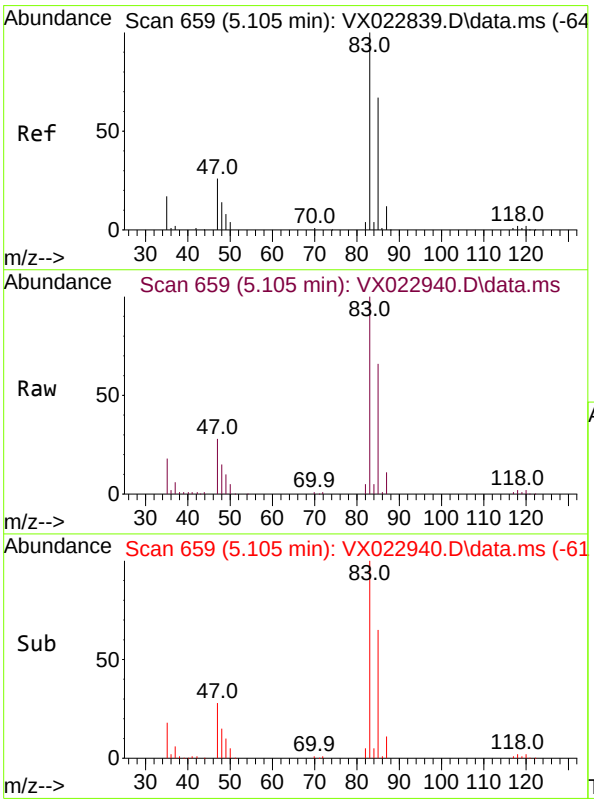
#29
Tetrahydrofuran
Concen: 280.47 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 42 Resp: 138837

Ion	Ratio	Lower	Upper
42	100		
72	41.7	41.7	62.5
71	39.3	38.4	57.6



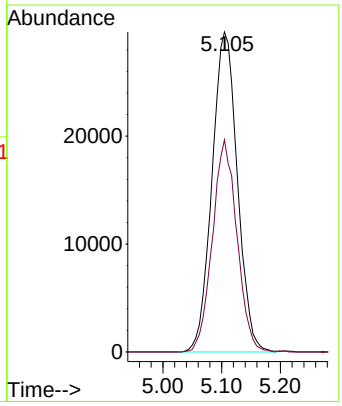
Instrument :
MSVOA_X
ClientSampleId :



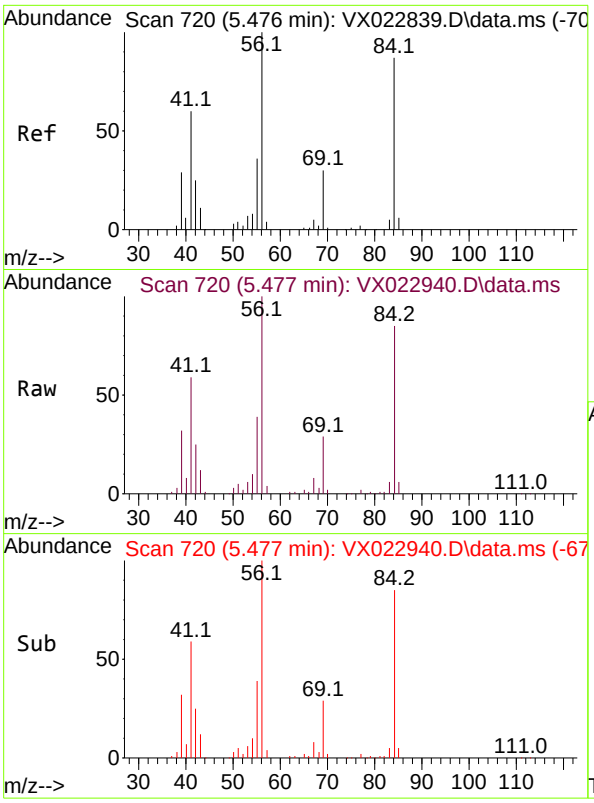
#30
Chloroform
Concen: 52.48 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 83 Resp: 88936

Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0



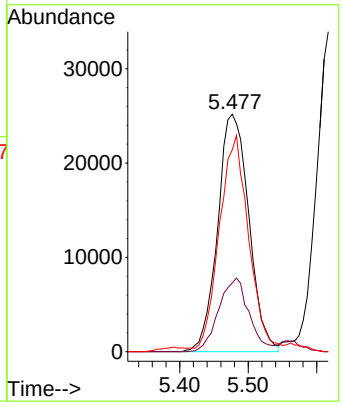
Instrument :
MSVOA_X
ClientSampleId :

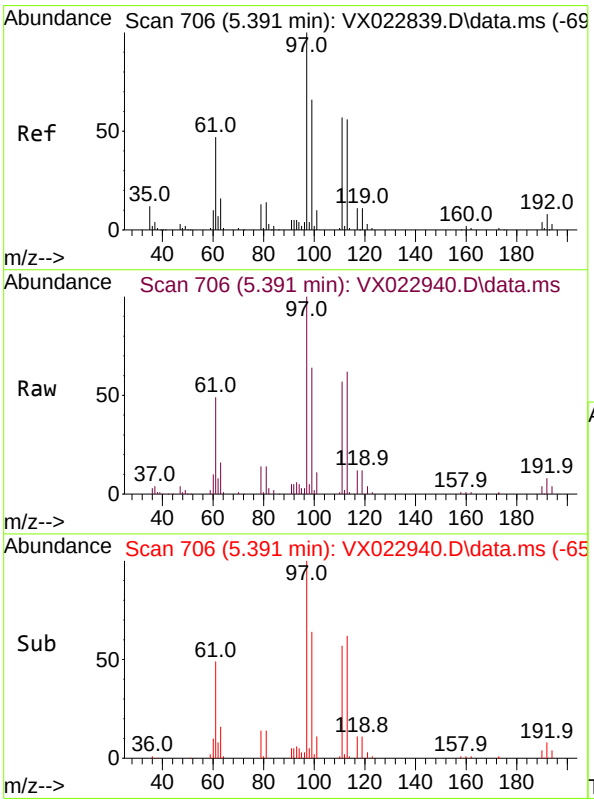


#31
Cyclohexane
Concen: 50.49 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 56 Resp: 79578

Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.3	37.9
84	83.5	71.4	107.0

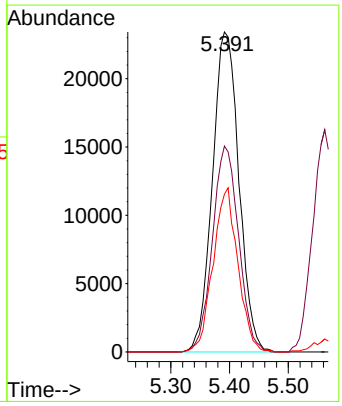


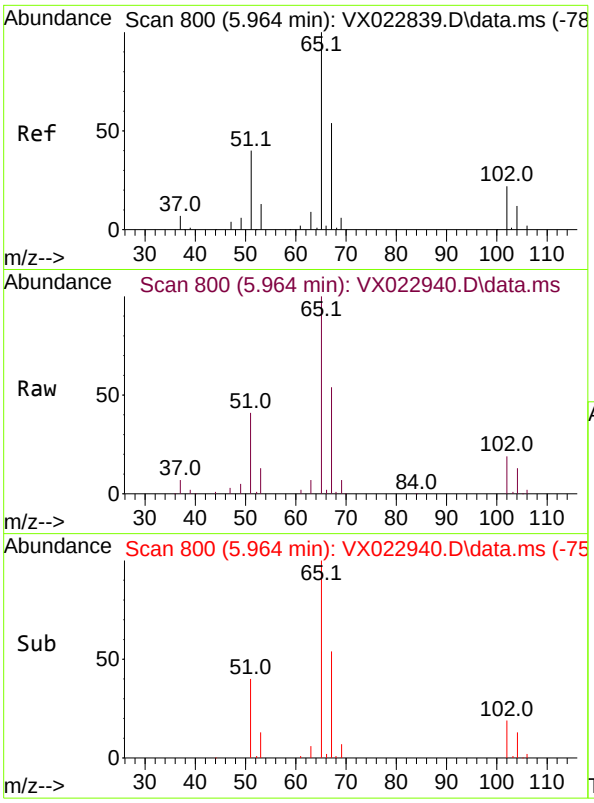


#32
1,1,1-Trichloroethane
Concen: 53.82 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 97 Resp: 73282

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	48.1	34.2	51.4

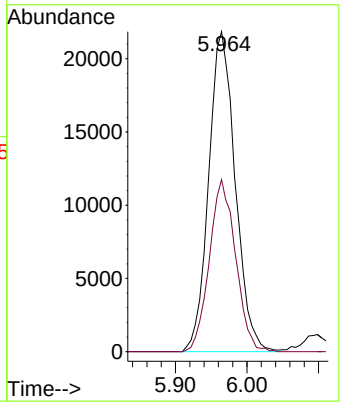




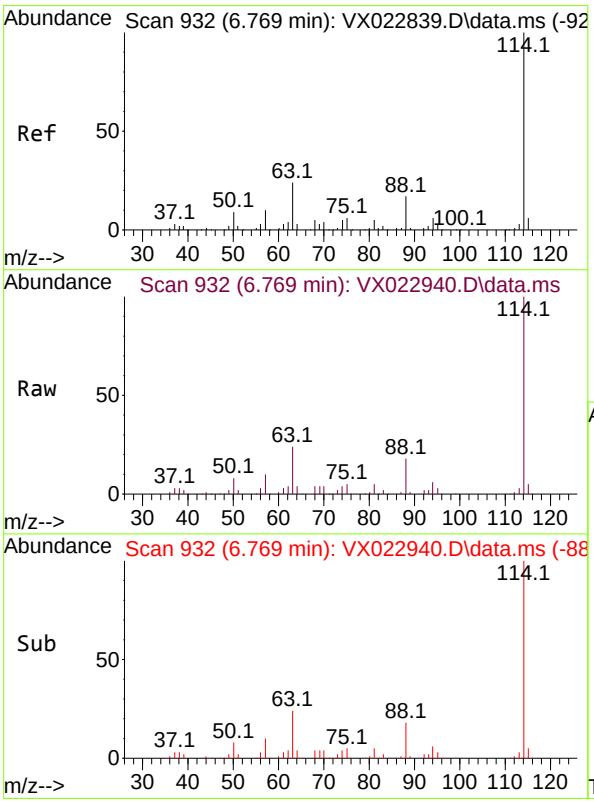
#33
1,2-Dichloroethane-d4
Concen: 50.49 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 65 Resp: 56359

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4



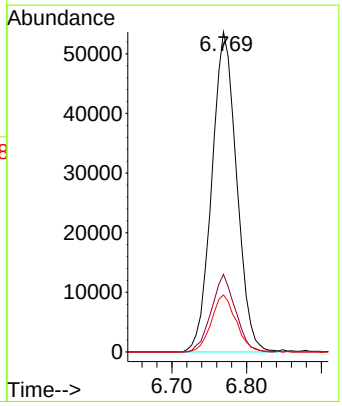
Instrument :
MSVOA_X
ClientSampleId :



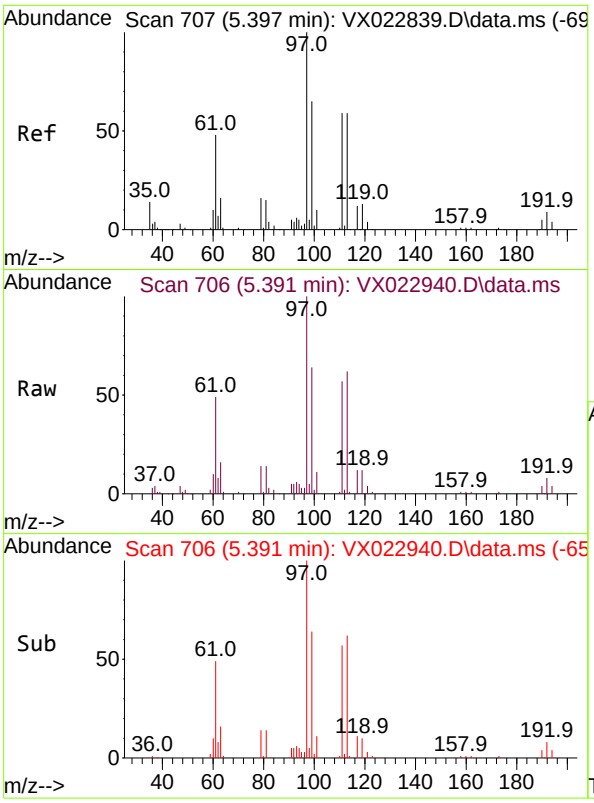
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:114 Resp: 123848

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	40.8
88	17.8	0.0	32.8



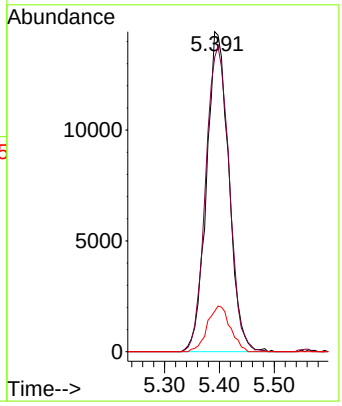
Instrument :
MSVOA_X
ClientSampleId :

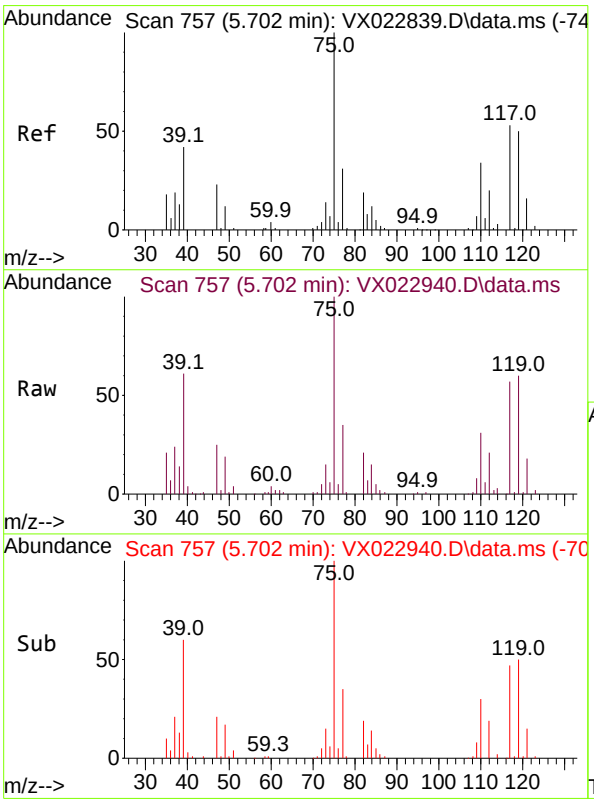


#35
Dibromofluoromethane
Concen: 51.76 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:113 Resp: 40704

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	14.6	16.7	25.1#

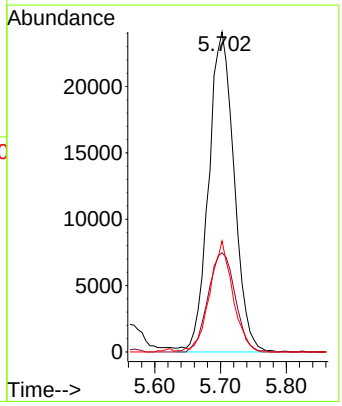


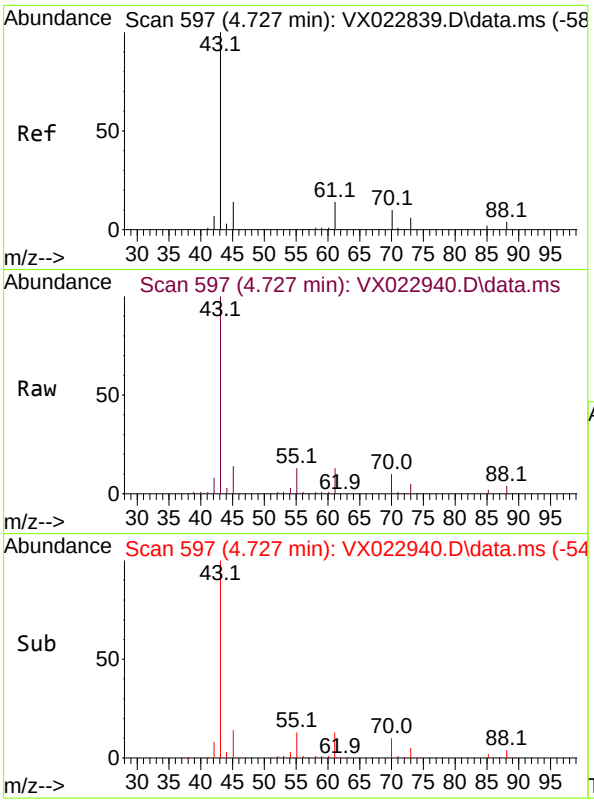


#36
1,1-Dichloropropene
Concen: 49.33 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 75 Resp: 64894

Ion	Ratio	Lower	Upper
75	100		
110	32.9	18.1	54.4
77	31.6	25.3	37.9

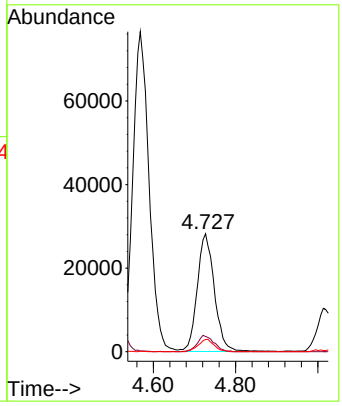




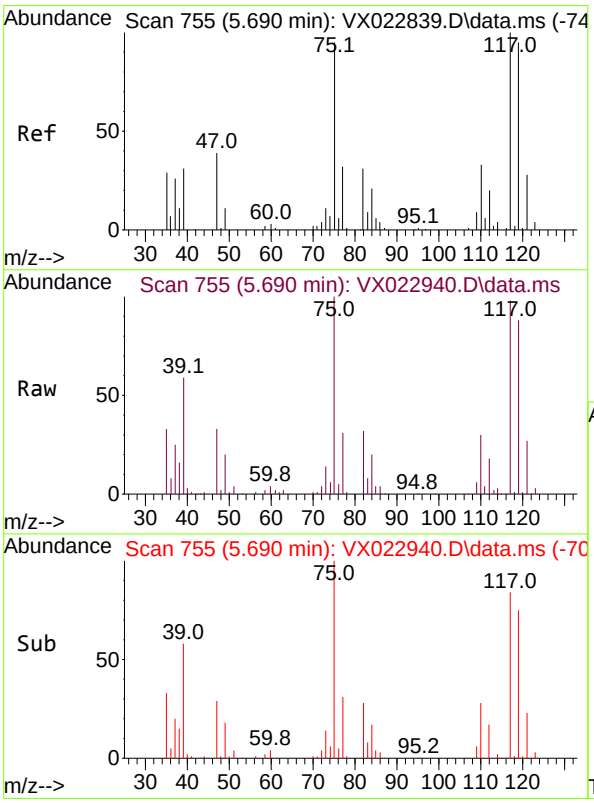
#37
Ethyl Acetate
Concen: 53.40 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 81374

Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.8	19.2
70	9.6	10.5	15.7#



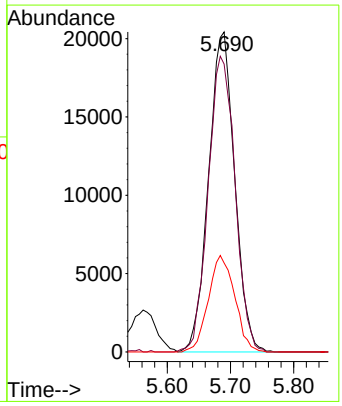
Instrument :
MSVOA_X
ClientSampleId :



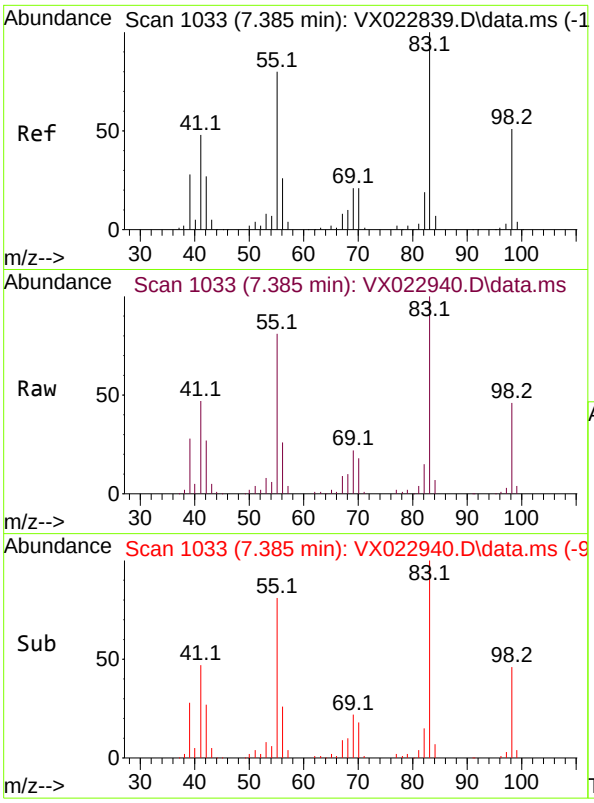
#38
Carbon Tetrachloride
Concen: 52.96 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:117 Resp: 58432

Ion	Ratio	Lower	Upper
117	100		
119	90.0	76.2	114.2
121	27.8	24.8	37.2



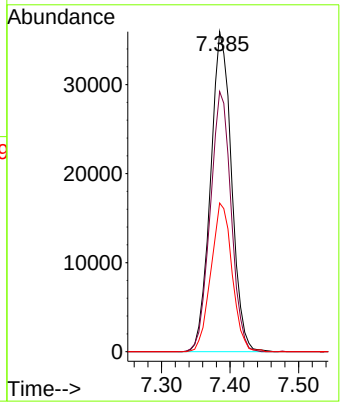
Instrument :
MSVOA_X
ClientSampleId :

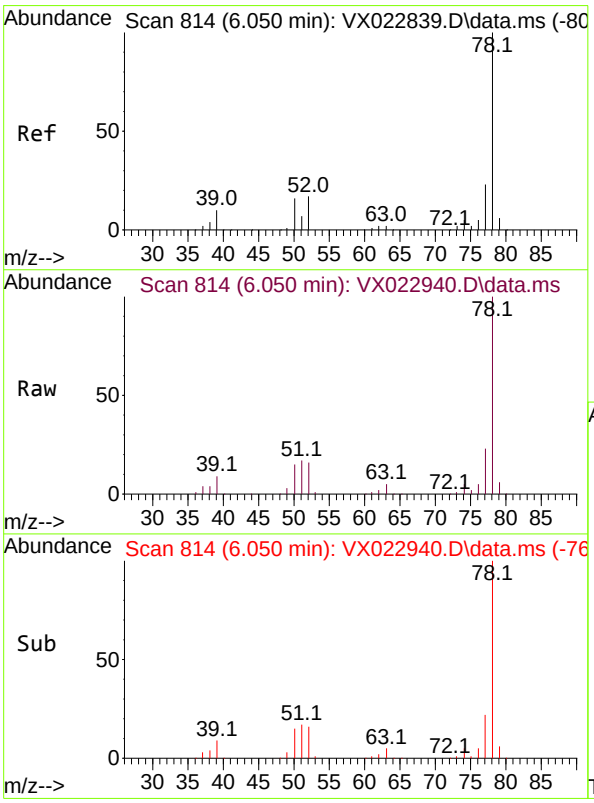


#39
Methylcyclohexane
Concen: 49.86 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 83 Resp: 76516

Ion	Ratio	Lower	Upper
83	100		
55	81.3	58.9	88.3
98	46.5	38.1	57.1

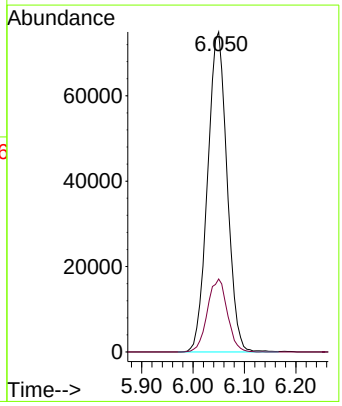


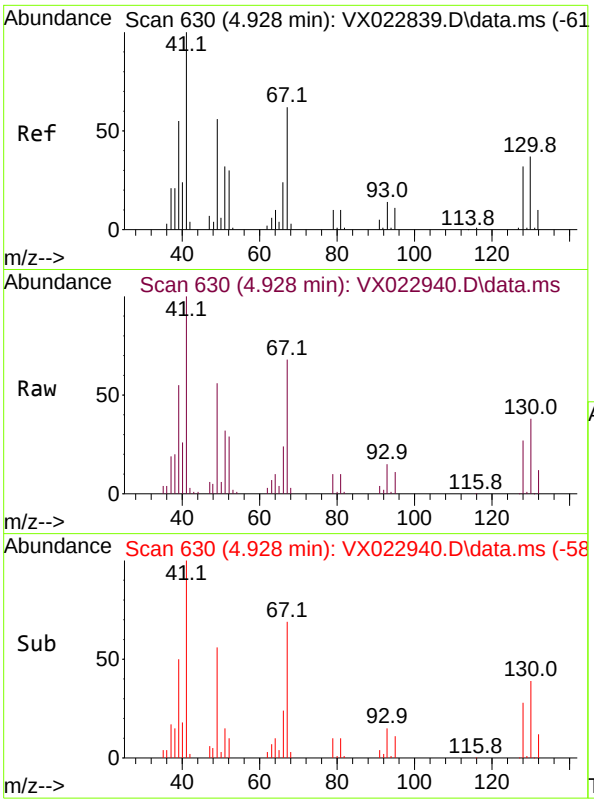


#40
Benzene
Concen: 51.98 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 78 Resp: 197171

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3



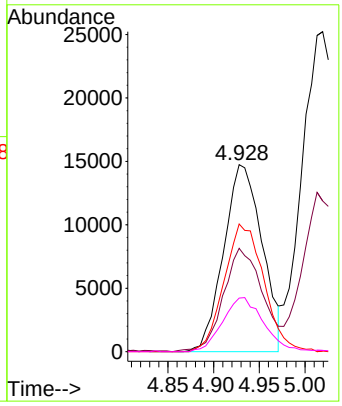


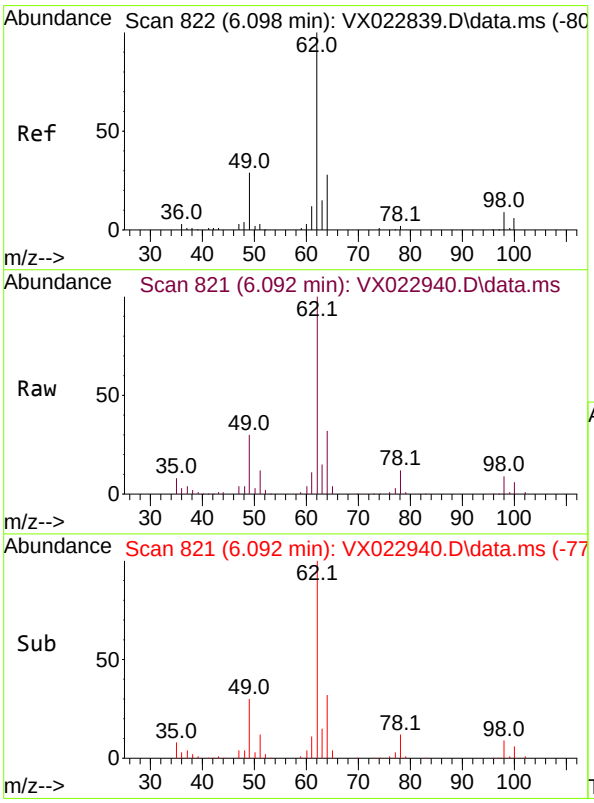
#41
Methacrylonitrile
Concen: 51.53 ug/l
RT: 4.928 min Scan# 630
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 43255

Ion	Ratio	Lower	Upper
41	100		
39	57.1	42.5	63.7
67	70.3	65.0	97.6
52	31.1	25.3	37.9

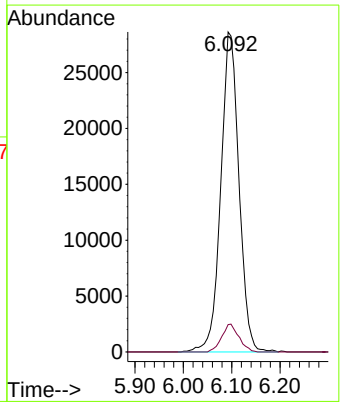


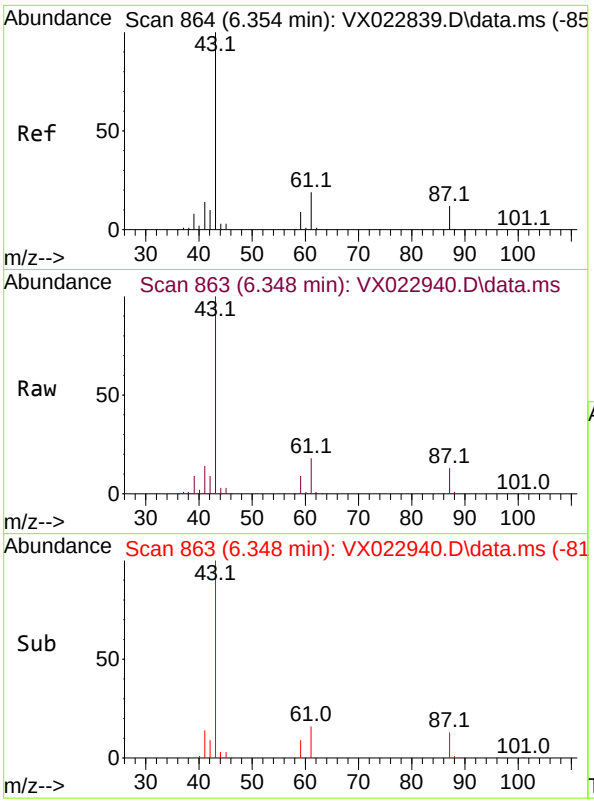


#42
1,2-Dichloroethane
Concen: 53.60 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 62 Resp: 74801

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	20.2

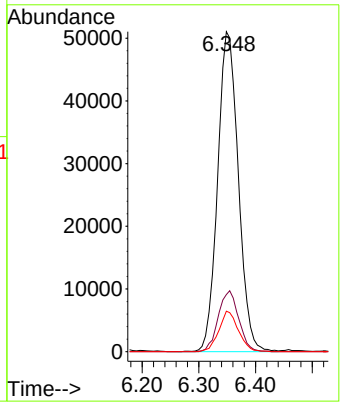




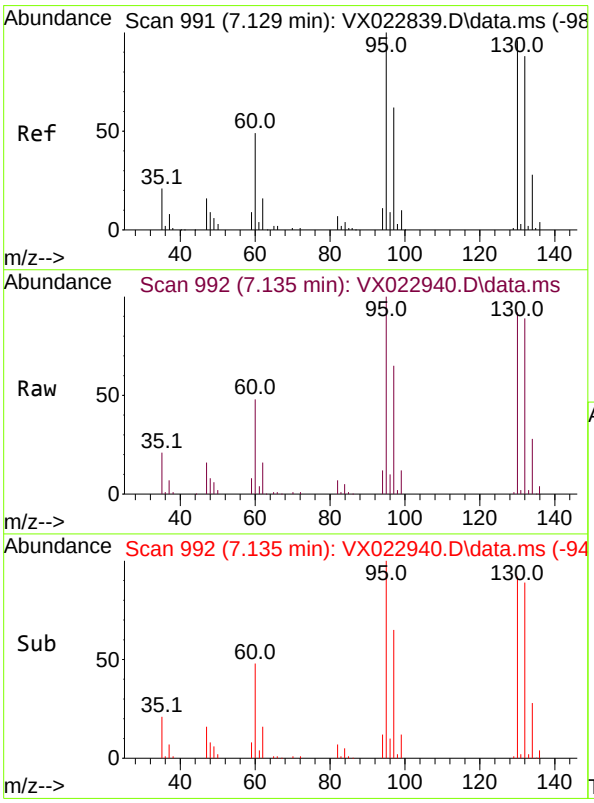
#43
Isopropyl Acetate
Concen: 52.82 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 129397

Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	12.0	12.5	18.7#



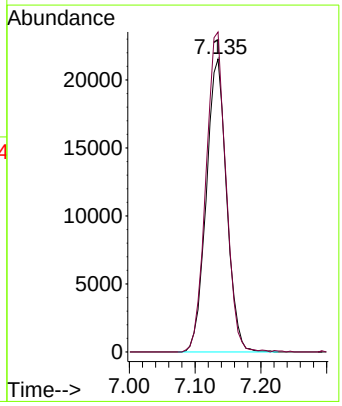
Instrument :
MSVOA_X
ClientSampleId :

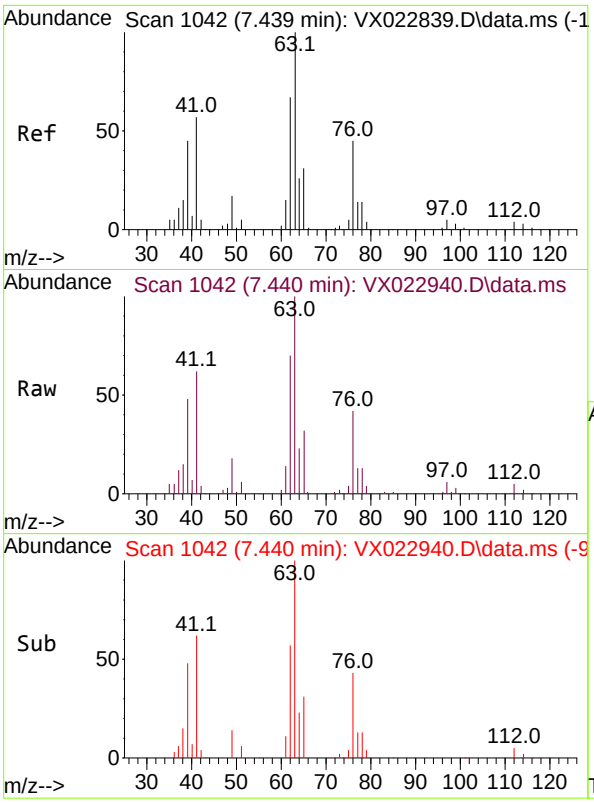


#44
Trichloroethene
Concen: 51.67 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:130 Resp: 46481

Ion	Ratio	Lower	Upper
130	100		
95	109.2	0.0	198.0

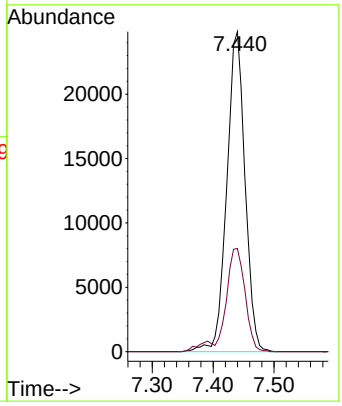




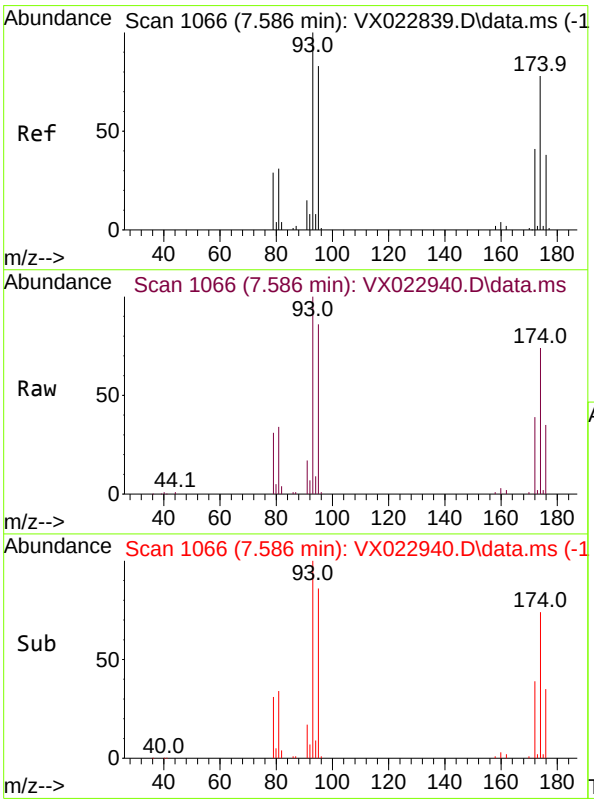
#45
1,2-Dichloropropane
Concen: 52.76 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 63 Resp: 51616

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5



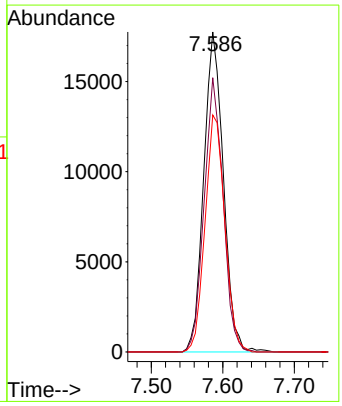
Instrument :
MSVOA_X
ClientSampleId :

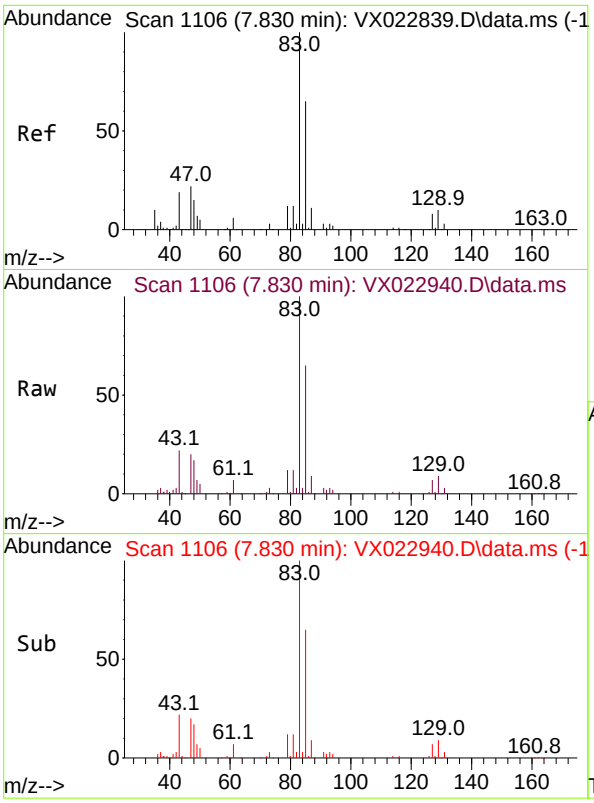


#46
Dibromomethane
Concen: 52.10 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 93 Resp: 33815

Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.8	100.2
174	74.8	83.1	124.7#

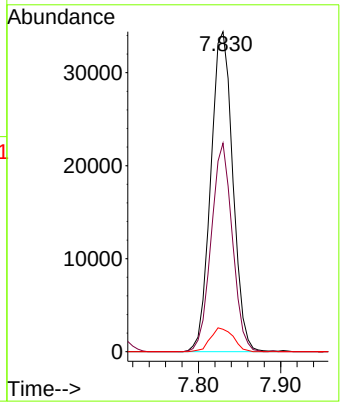




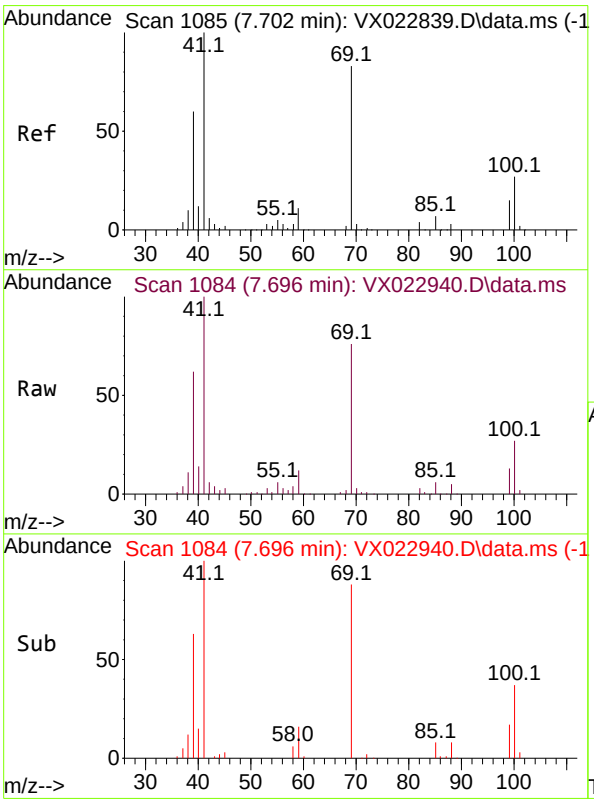
#47
Bromodichloromethane
Concen: 48.69 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 83 Resp: 64118

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.0
127	7.0	6.8	10.2



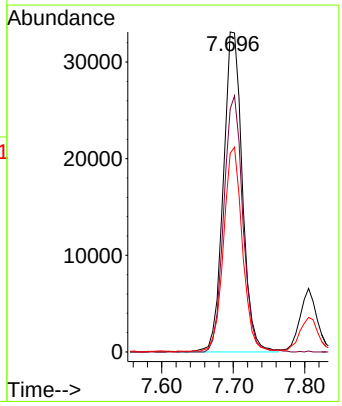
Instrument :
MSVOA_X
ClientSampleId :

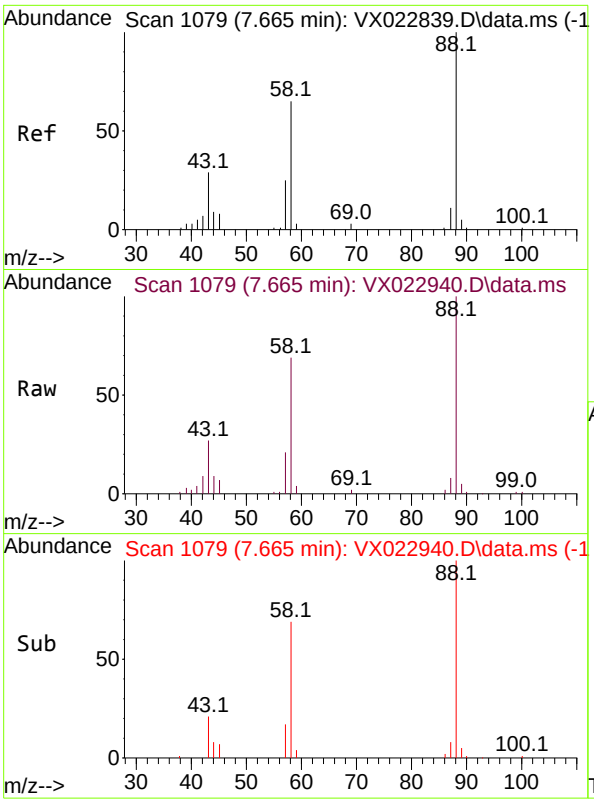


#48
Methyl methacrylate
Concen: 53.92 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 41 Resp: 61131

Ion	Ratio	Lower	Upper
41	100		
69	80.0	76.0	114.0
39	64.2	44.6	67.0

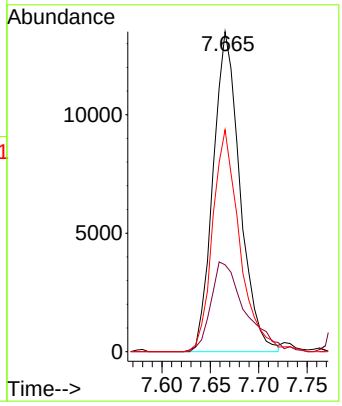




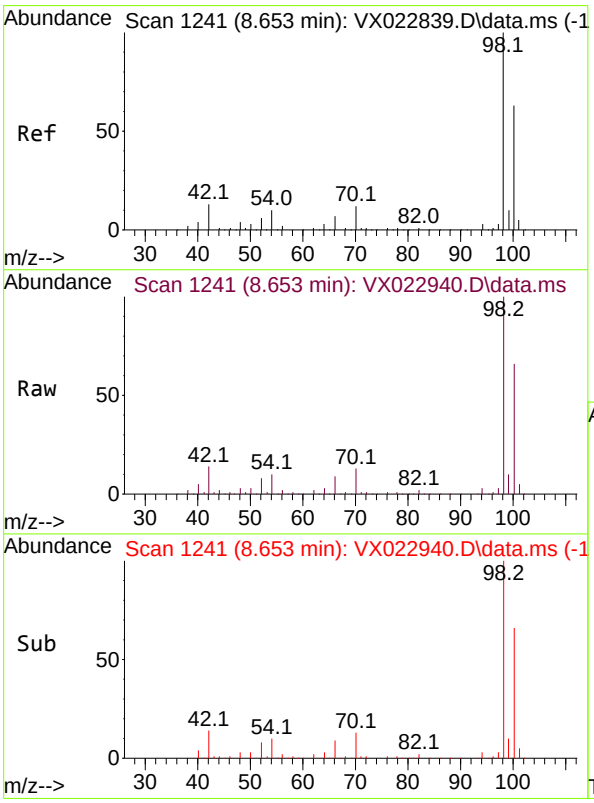
#49
1,4-Dioxane
Concen: 1066.50 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 88 Resp: 26030

Ion	Ratio	Lower	Upper
88	100		
43	36.0	23.2	34.8#
58	70.6	55.0	82.4



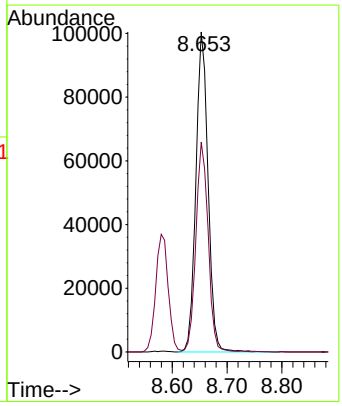
Instrument :
MSVOA_X
ClientSampleId :



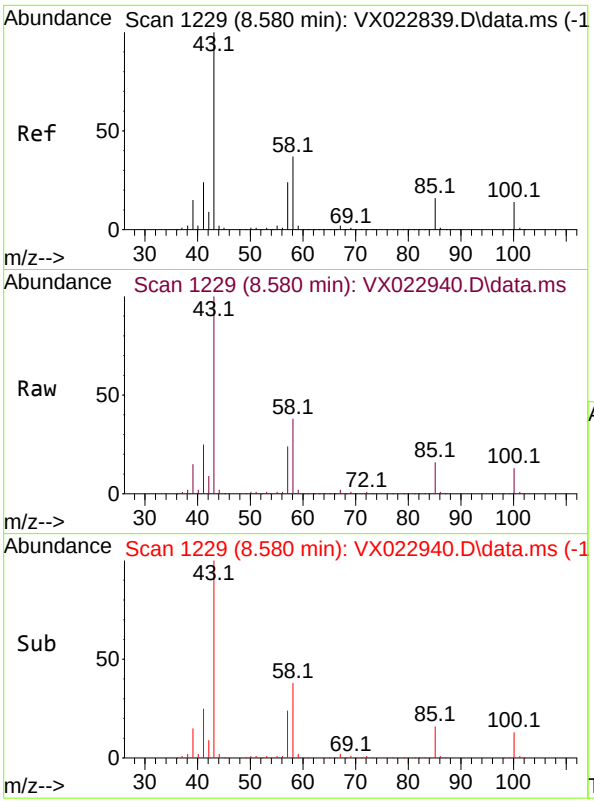
#50
Toluene-d8
Concen: 50.47 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 98 Resp: 155561

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9



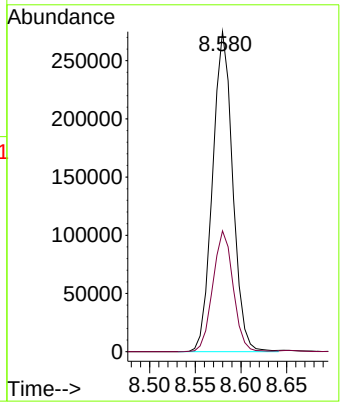
Instrument :
MSVOA_X
ClientSampleId :

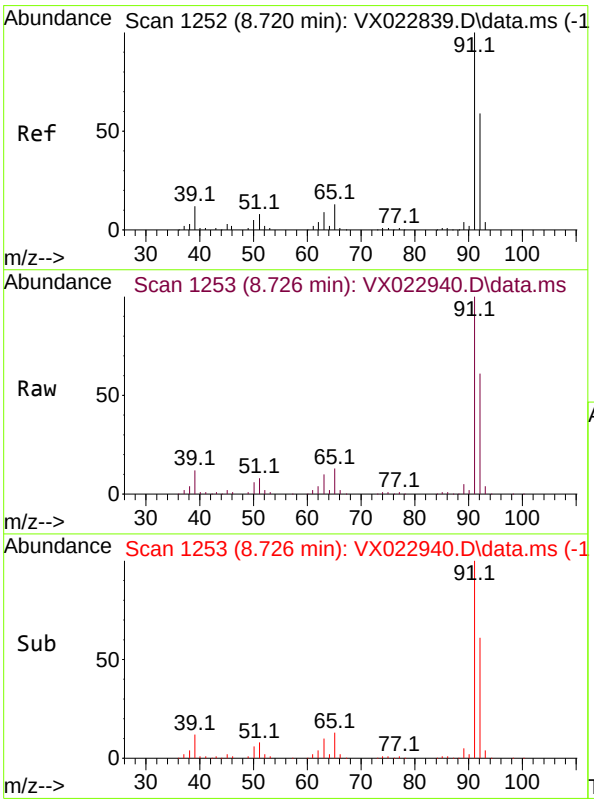


#51
4-Methyl-2-Pentanone
Concen: 276.42 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 421453

Ion	Ratio	Lower	Upper
43	100		
58	38.0	35.4	53.0

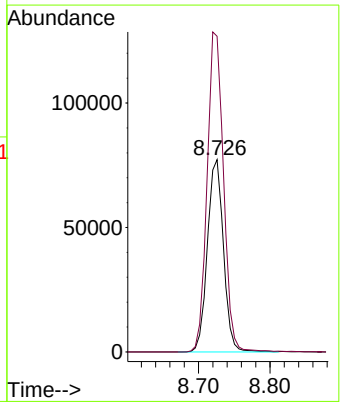


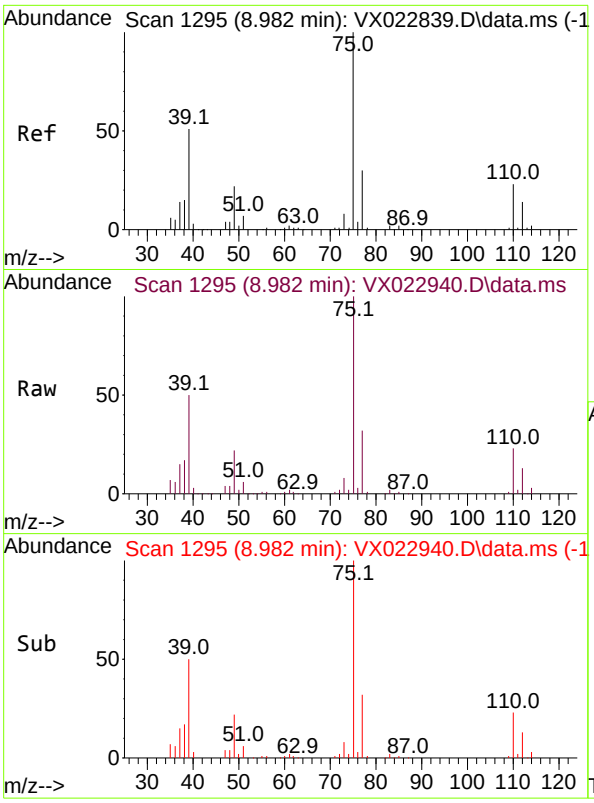


#52
Toluene
Concen: 52.57 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 92 Resp: 120553

Ion	Ratio	Lower	Upper
92	100		
91	170.4	137.1	205.7

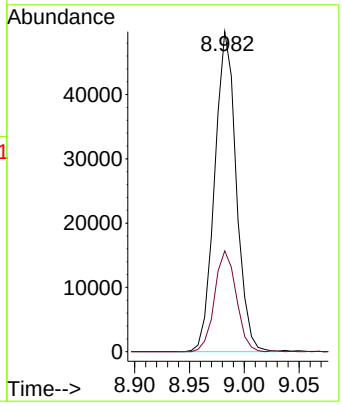




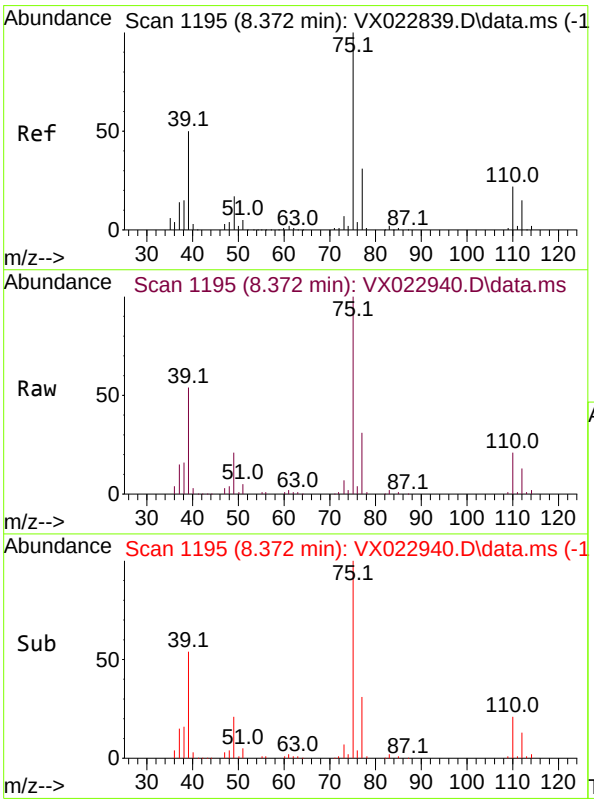
#53
t-1,3-Dichloropropene
Concen: 44.22 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 75 Resp: 68307

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3



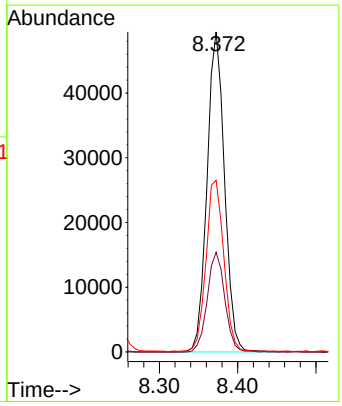
Instrument :
MSVOA_X
ClientSampleId :

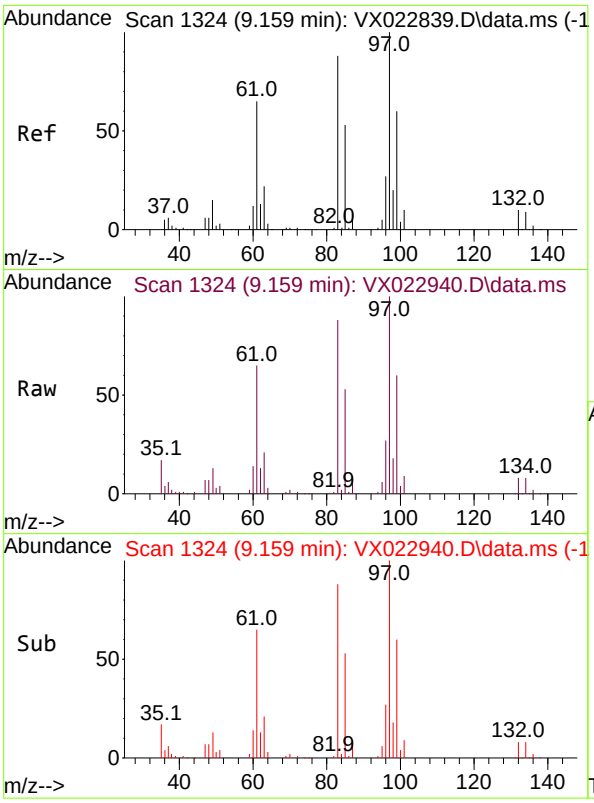


#54
cis-1,3-Dichloropropene
Concen: 46.11 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 75 Resp: 76391

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.7	38.5
39	53.5	35.1	52.7#

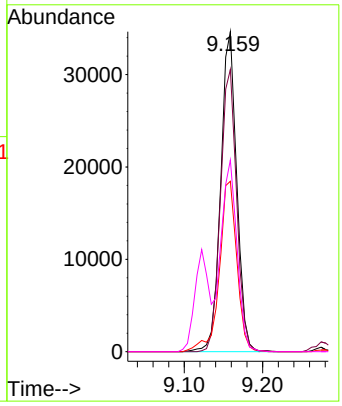




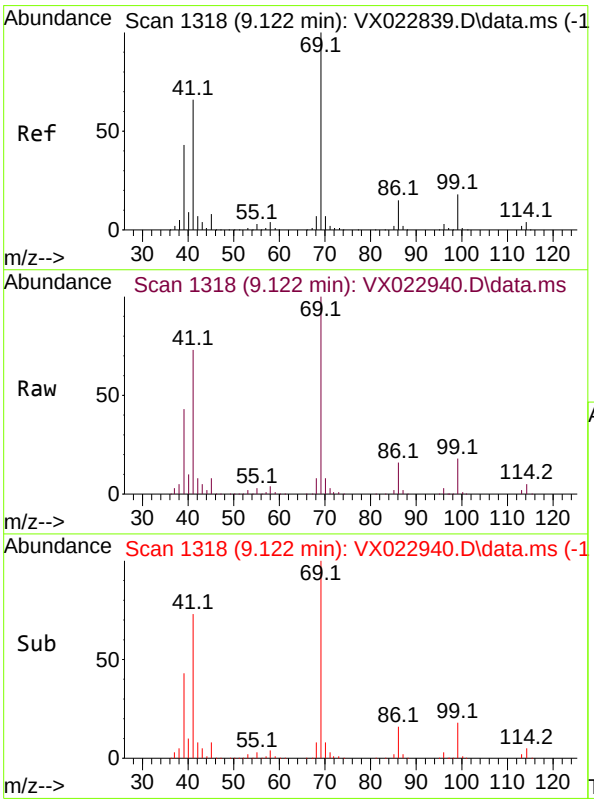
#55
1,1,2-Trichloroethane
Concen: 53.60 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 97 Resp: 49309

Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.3	103.9
85	53.2	44.3	66.5
99	59.9	50.3	75.5



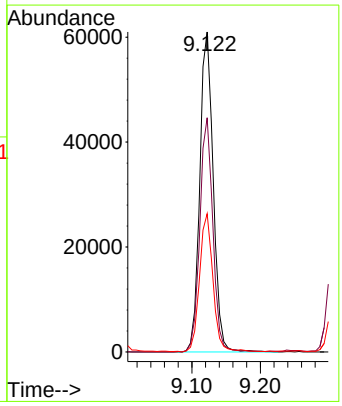
Instrument :
MSVOA_X
ClientSampleId :

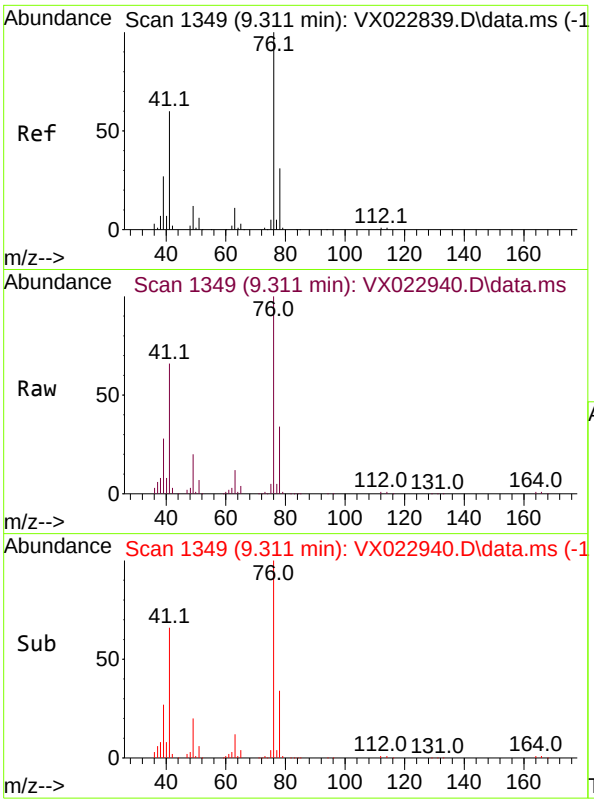


#56
Ethyl methacrylate
Concen: 49.11 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 69 Resp: 83338

Ion	Ratio	Lower	Upper
69	100		
41	71.4	46.8	70.2#
39	43.5	24.7	37.1#

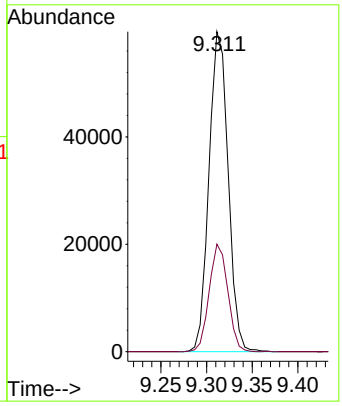




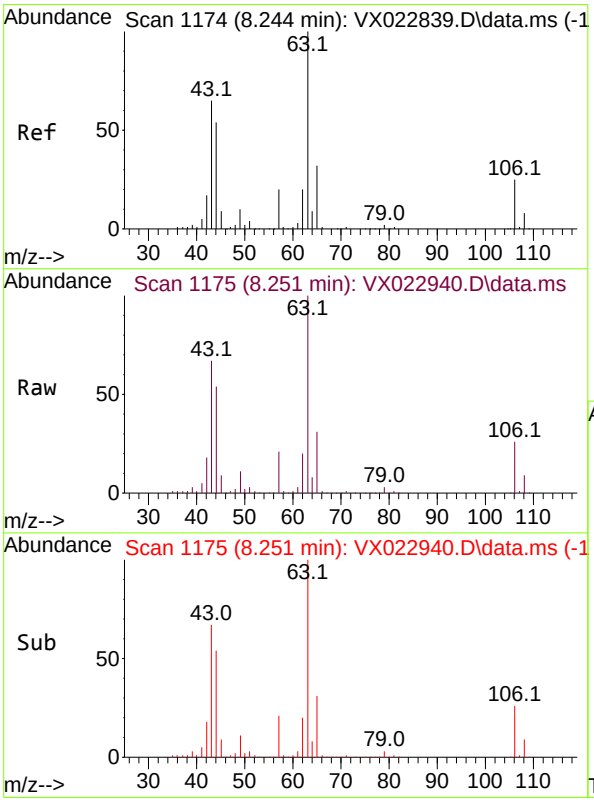
#57
1,3-Dichloropropane
Concen: 51.86 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 76 Resp: 86724

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2



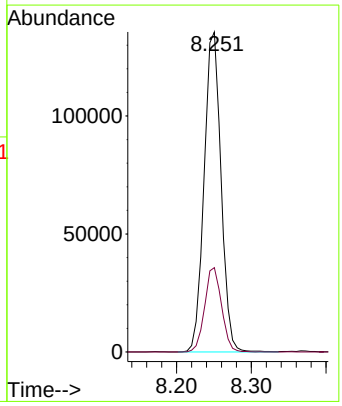
Instrument :
MSVOA_X
ClientSampleId :

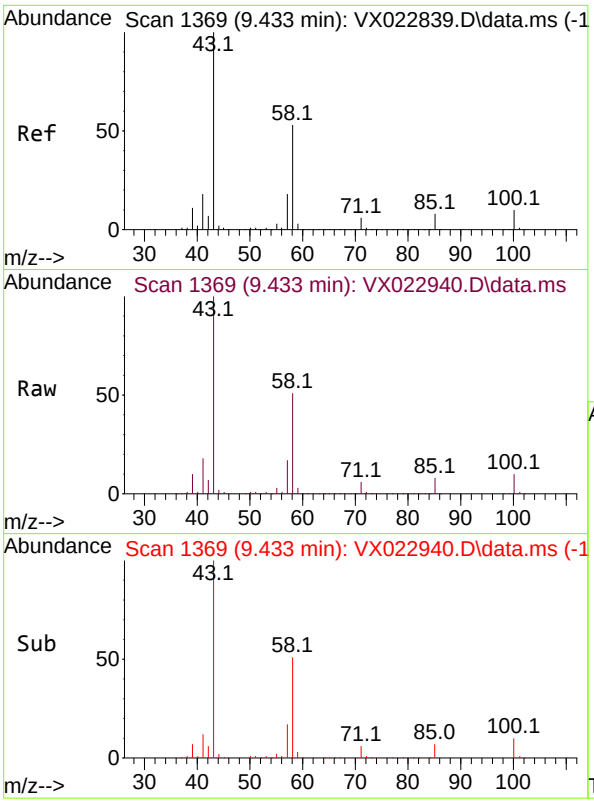


#58
2-Chloroethyl Vinyl ether
Concen: 252.65 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 63 Resp: 213320

Ion	Ratio	Lower	Upper
63	100		
106	26.3	23.5	35.3

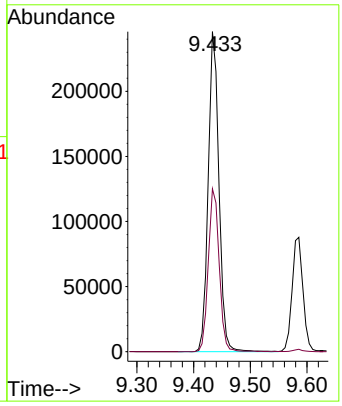




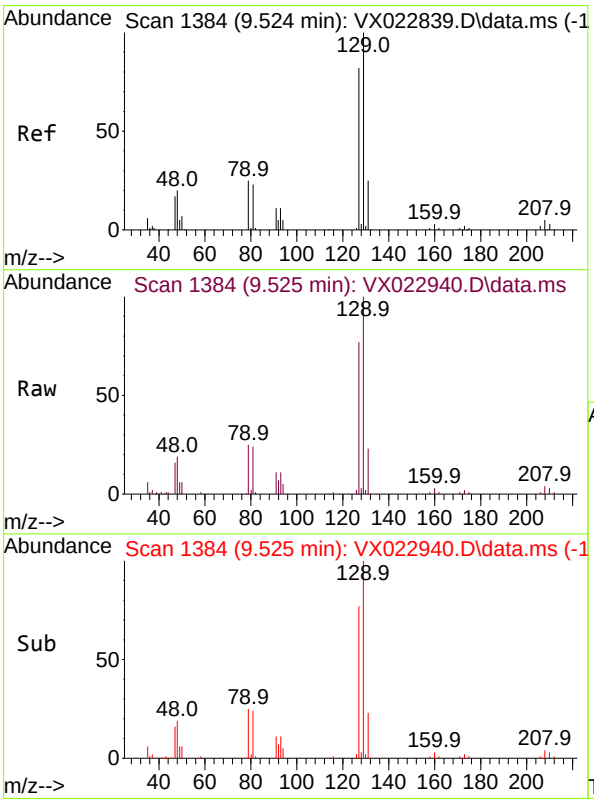
#59
2-Hexanone
Concen: 279.21 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 322972

Ion	Ratio	Lower	Upper
43	100		
58	52.0	30.9	92.8



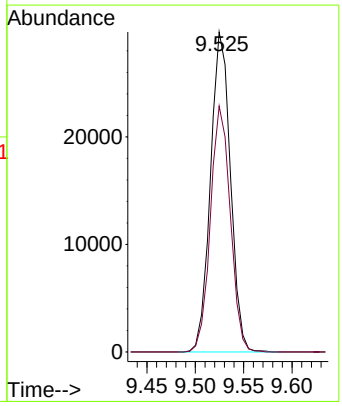
Instrument :
MSVOA_X
ClientSampleId :



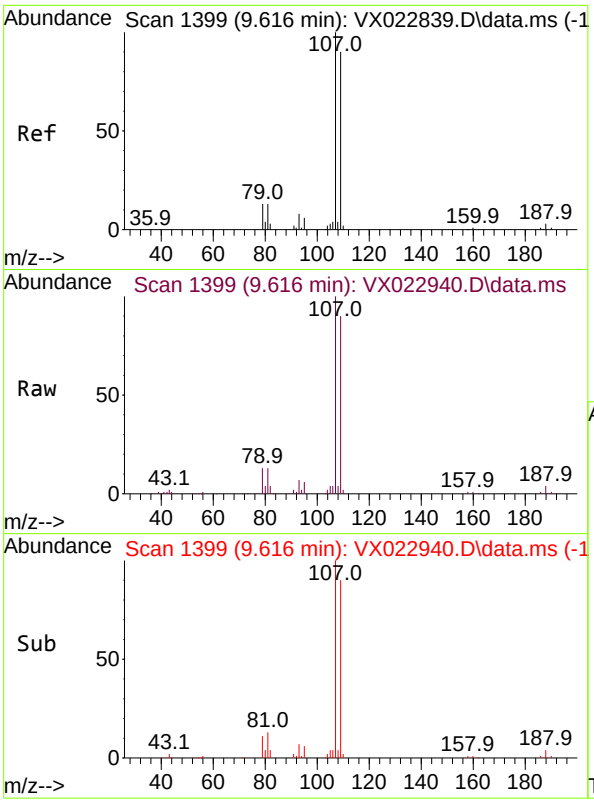
#60
Dibromochloromethane
Concen: 47.47 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:129 Resp: 42594

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.4	115.2



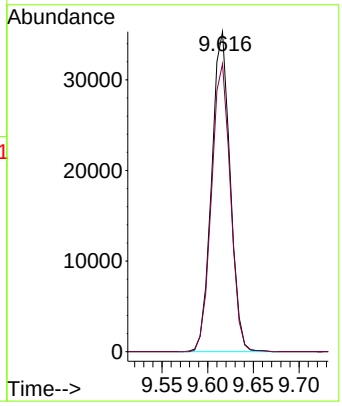
Instrument :
MSVOA_X
ClientSampleId :

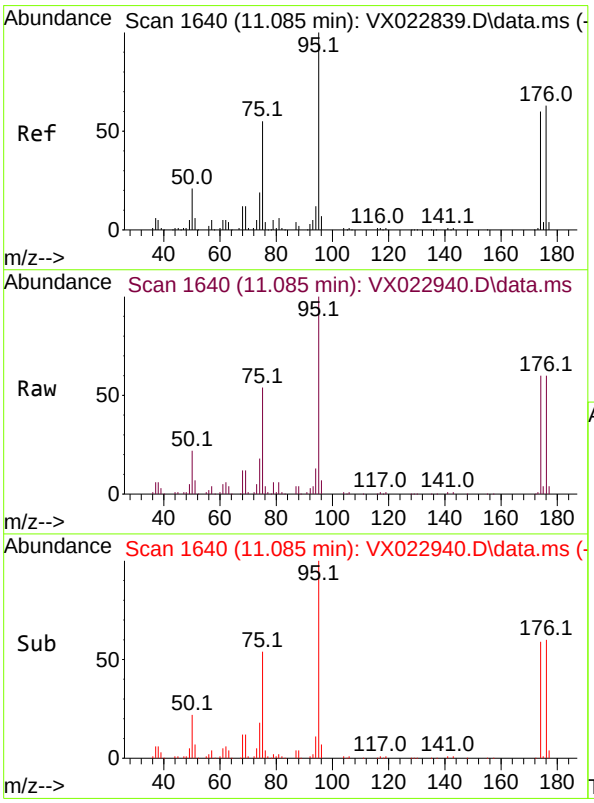


#61
1,2-Dibromoethane
Concen: 53.24 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:107 Resp: 49743

Ion	Ratio	Lower	Upper
107	100		
109	91.9	75.8	113.6

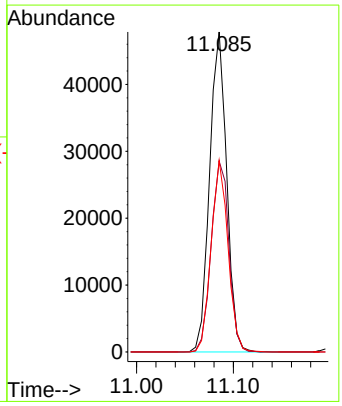




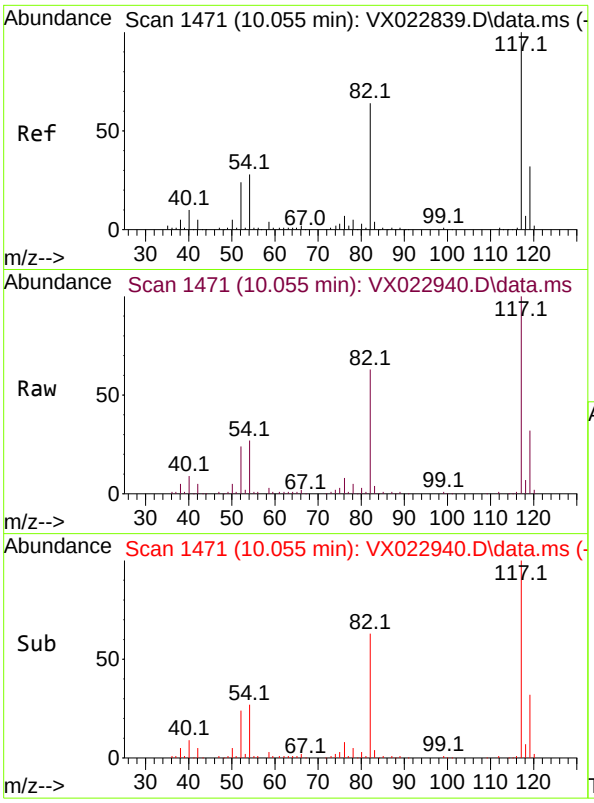
#62
4-Bromofluorobenzene
Concen: 50.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 95 Resp: 58537

Ion	Ratio	Lower	Upper
95	100		
174	61.9	0.0	154.6
176	59.2	0.0	155.8



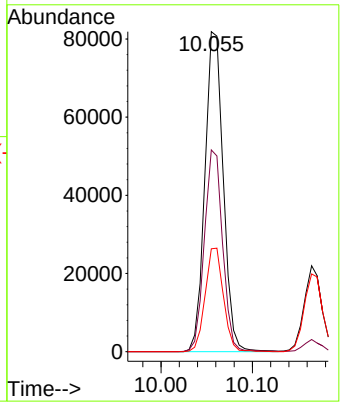
Instrument :
MSVOA_X
ClientSampleId :

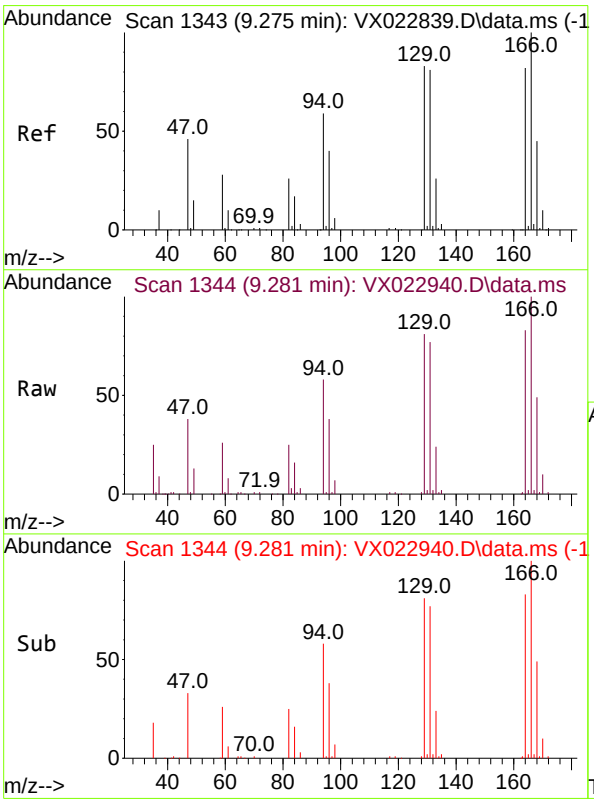


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:117 Resp: 114272

Ion	Ratio	Lower	Upper
117	100		
82	63.1	47.4	71.2
119	32.1	26.6	39.8

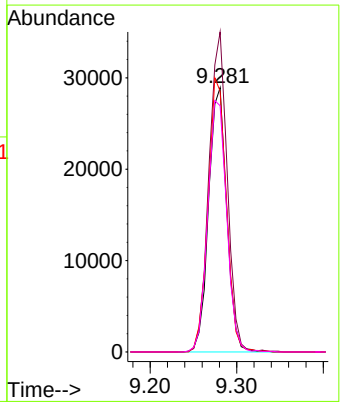


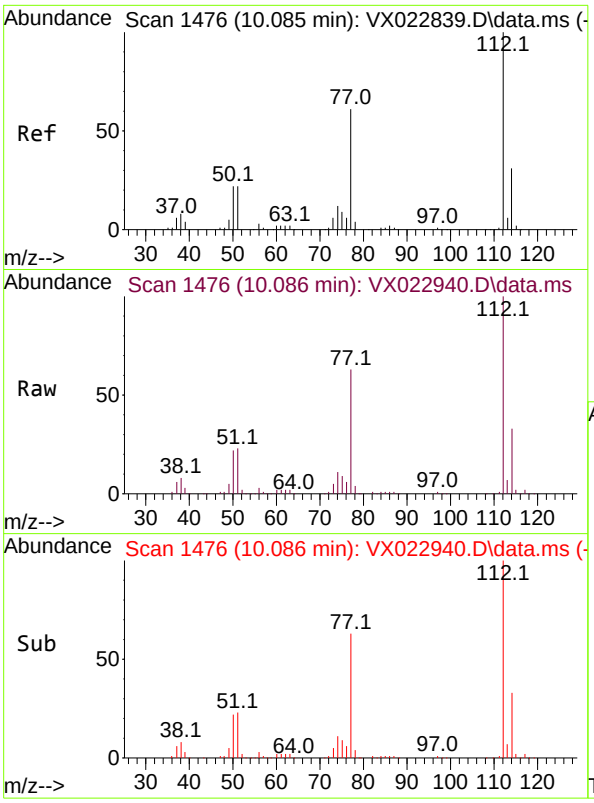


#64
Tetrachloroethene
Concen: 52.05 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:164 Resp: 41796

Ion	Ratio	Lower	Upper
164	100		
166	121.1	103.4	155.2
129	98.7	70.8	106.2
131	93.2	72.5	108.7

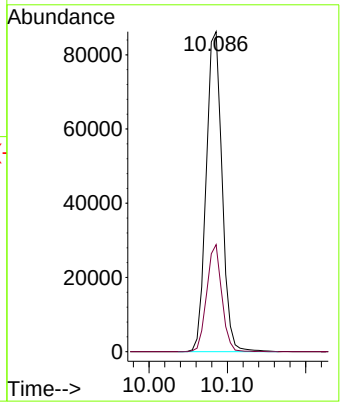




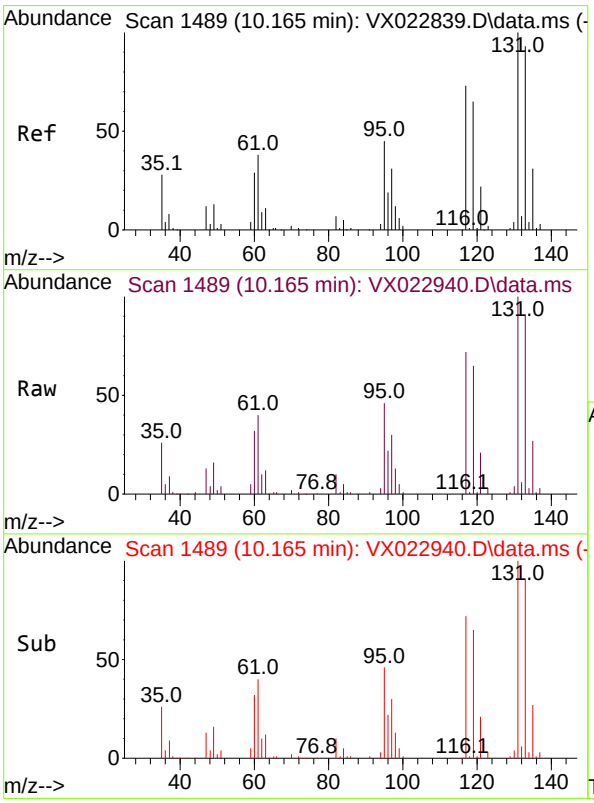
#65
Chlorobenzene
Concen: 50.16 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:112 Resp: 120701

Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.8	38.6



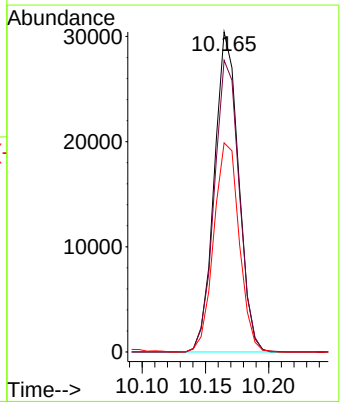
Instrument :
MSVOA_X
ClientSampleId :



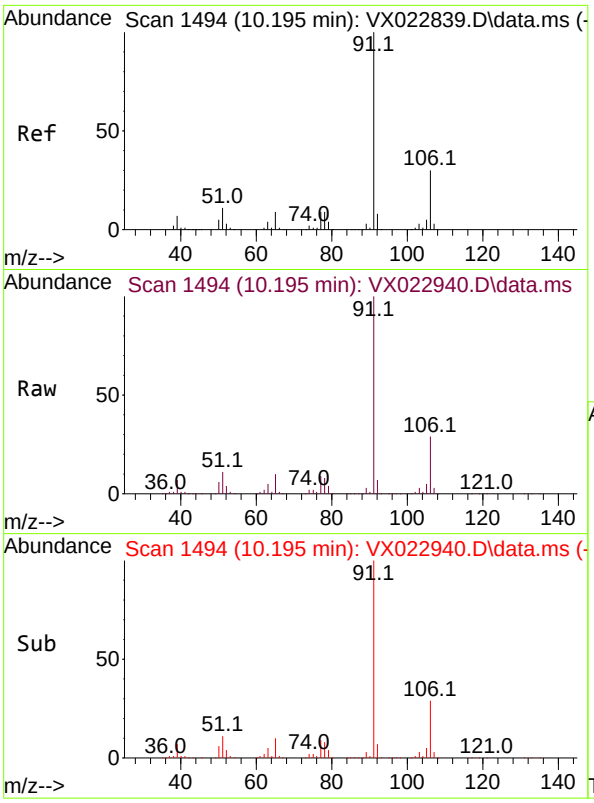
#66
1,1,1,2-Tetrachloroethane
Concen: 52.06 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:131 Resp: 40489

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.7	143.1
119	68.5	32.1	96.5



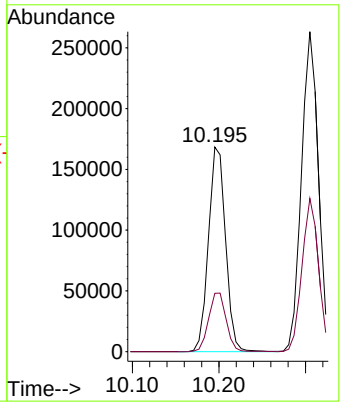
Instrument :
MSVOA_X
ClientSampleId :

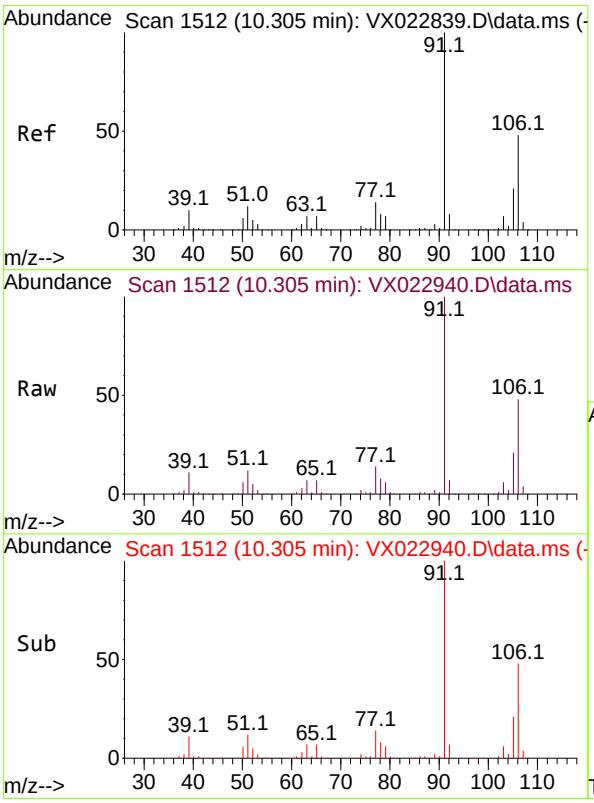


#67
Ethyl Benzene
Concen: 52.10 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 91 Resp: 230883

Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.6	37.0

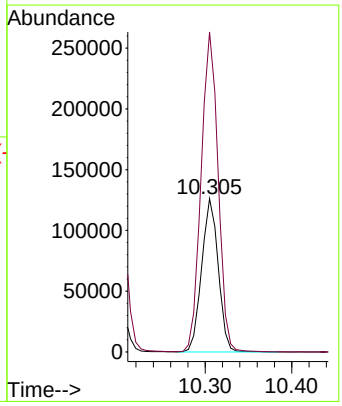




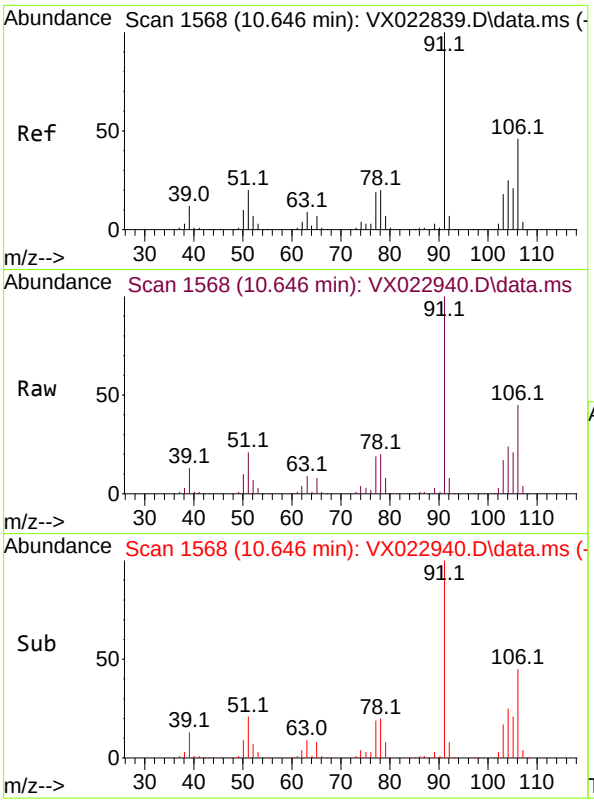
#68
m/p-Xylenes
Concen: 102.10 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:106 Resp: 168020

Ion	Ratio	Lower	Upper
106	100		
91	213.4	162.8	244.2



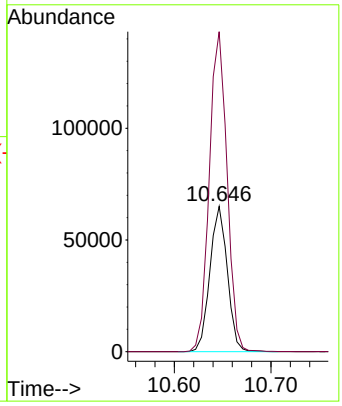
Instrument :
MSVOA_X
ClientSampleId :

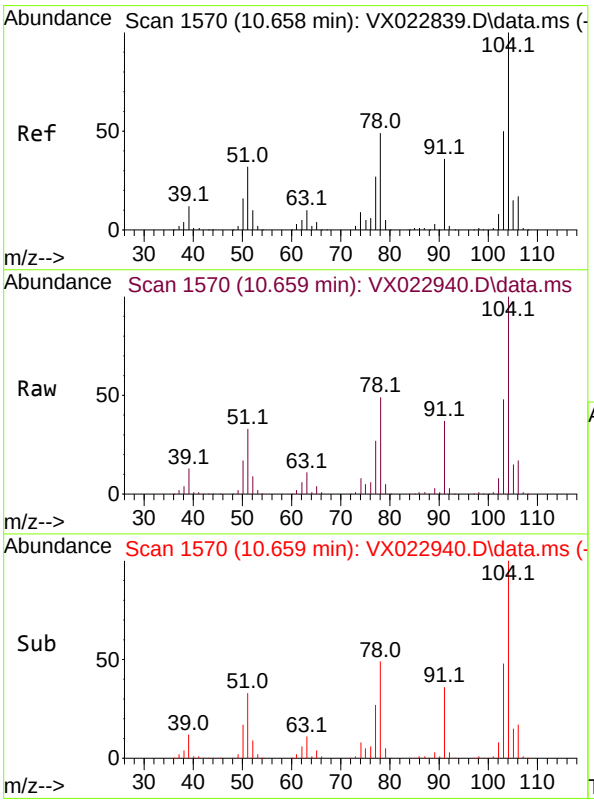


#69
o-Xylene
Concen: 50.94 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:106 Resp: 81590

Ion	Ratio	Lower	Upper
106	100		
91	224.4	108.1	324.2

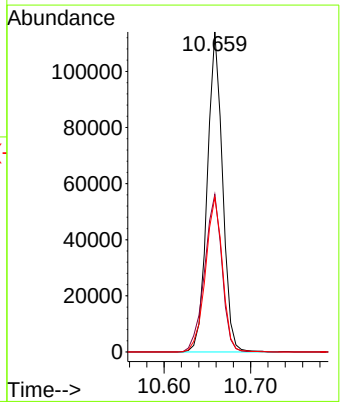




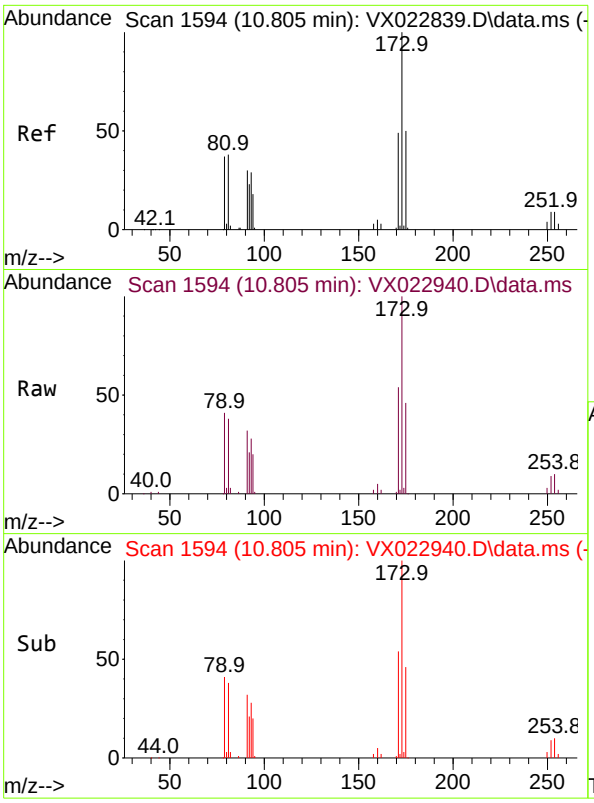
#70
Styrene
Concen: 52.43 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:104 Resp: 139388

Ion	Ratio	Lower	Upper
104	100		
78	56.1	40.0	60.0
103	53.7	43.4	65.0



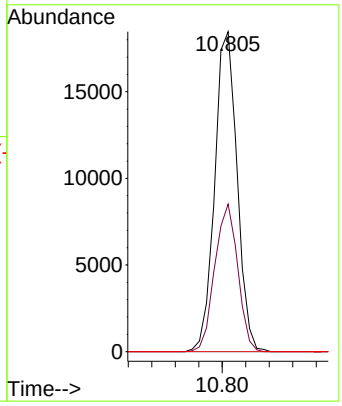
Instrument :
MSVOA_X
ClientSampleId :

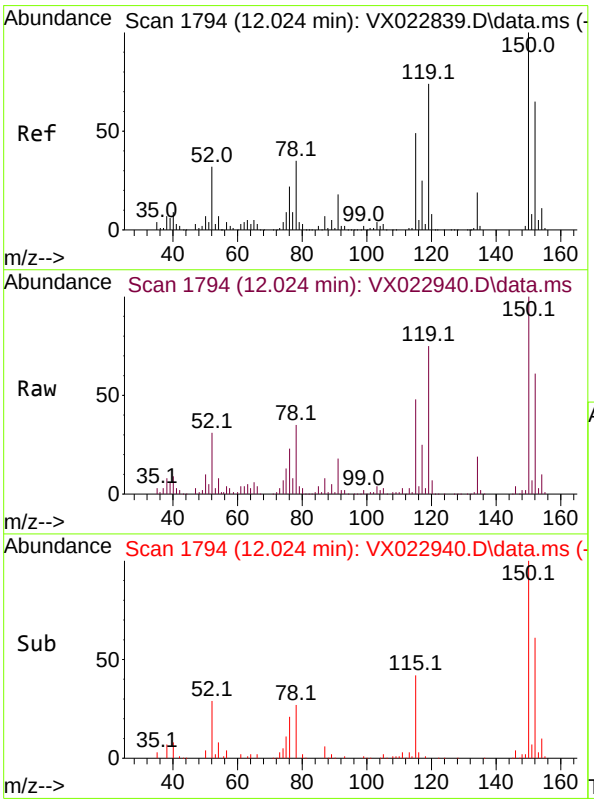


#71
Bromoform
Concen: 44.37 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:173 Resp: 24464

Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.9	71.8
254	0.0	0.1	0.1#

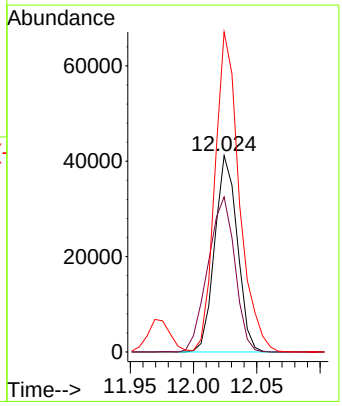


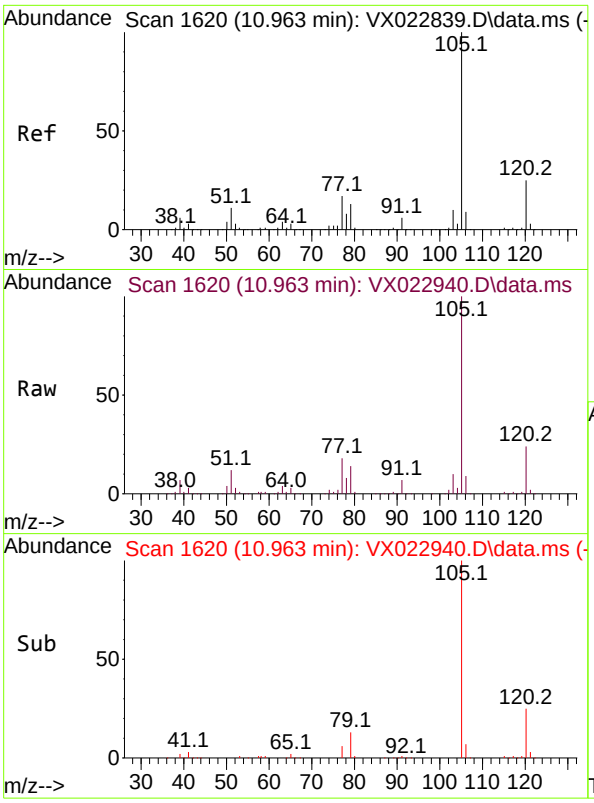


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:152 Resp: 50953

Ion	Ratio	Lower	Upper
152	100		
115	94.6	41.1	123.3
150	175.6	0.0	349.0

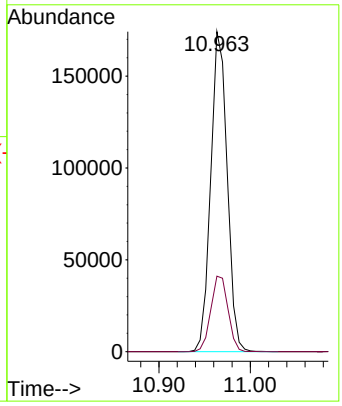




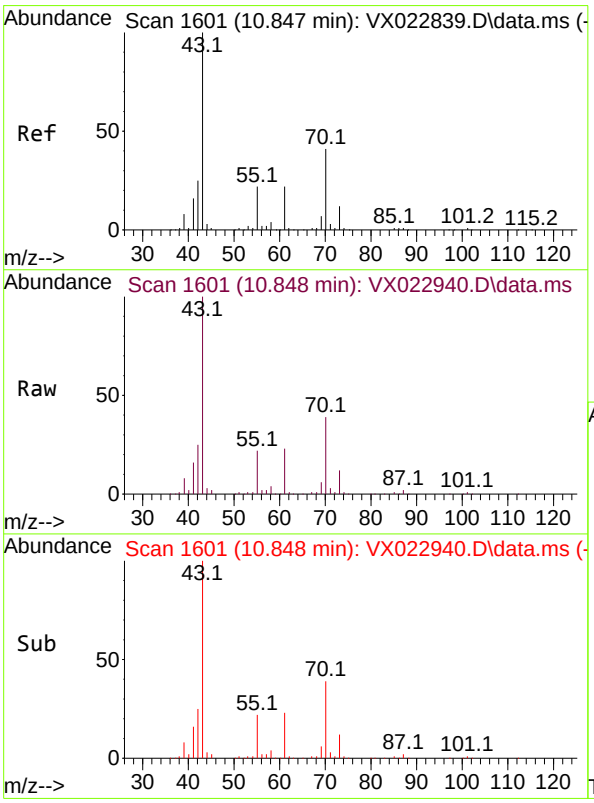
#73
Isopropylbenzene
Concen: 50.46 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:105 Resp: 217532

Ion	Ratio	Lower	Upper
105	100		
120	24.7	13.2	39.6



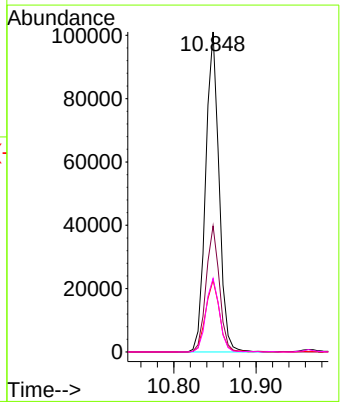
Instrument :
MSVOA_X
ClientSampleId :



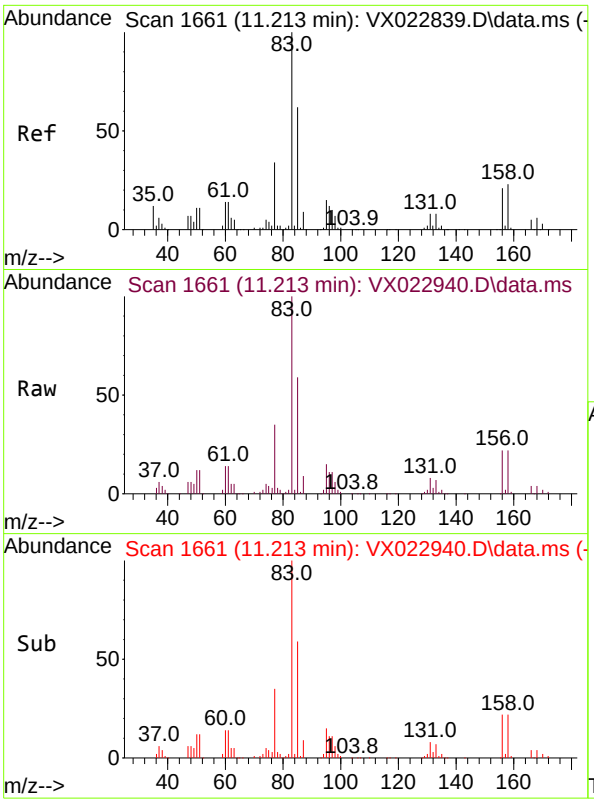
#74
N-amyl acetate
Concen: 47.06 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 43 Resp: 114204

Ion	Ratio	Lower	Upper
43	100		
70	39.1	39.0	58.6
55	23.3	21.5	32.3
61	23.1	22.1	33.1



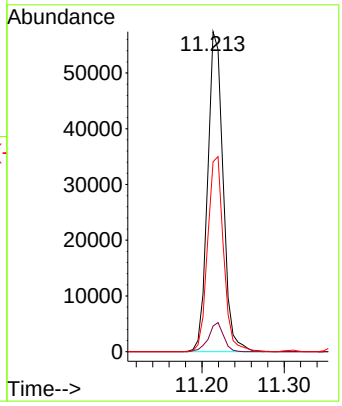
Instrument :
MSVOA_X
ClientSampleId :

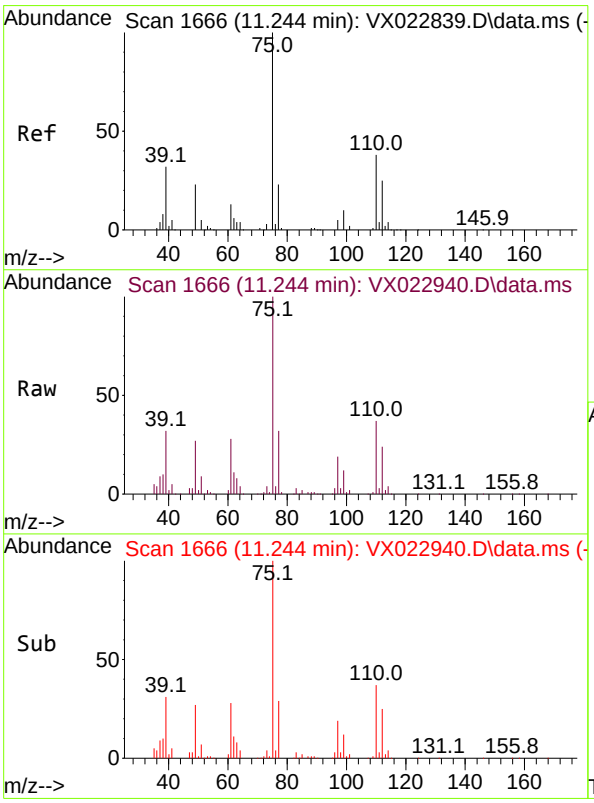


#75
1,1,2,2-Tetrachloroethane
Concen: 50.58 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 83 Resp: 74905

Ion	Ratio	Lower	Upper
83	100		
131	8.9	5.1	15.2
85	62.8	31.8	95.4

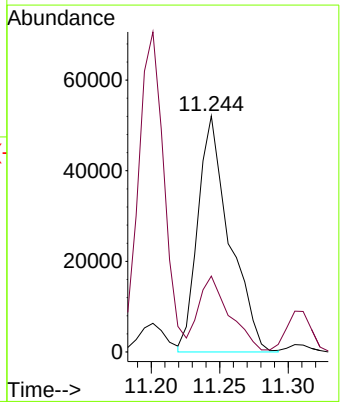


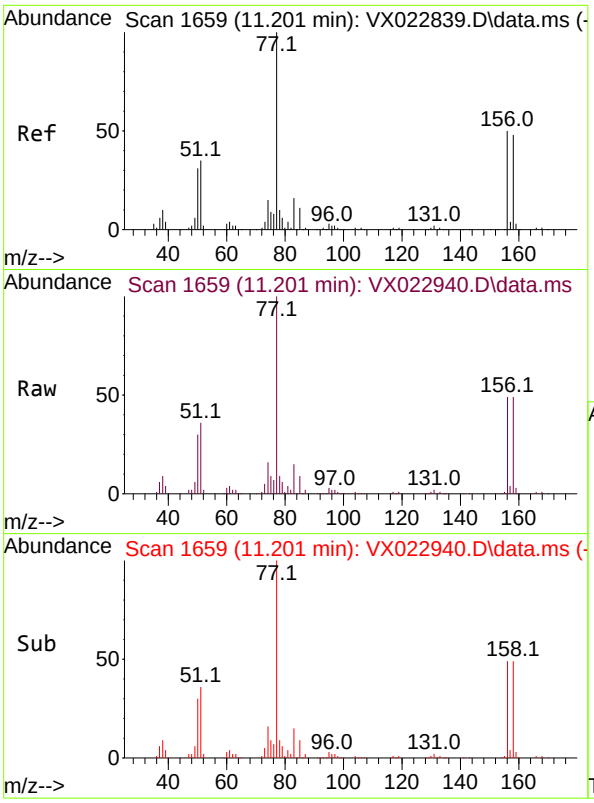


#76
1,2,3-Trichloropropane
Concen: 62.35 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 75 Resp: 83910

Ion	Ratio	Lower	Upper
75	100		
77	31.6	19.1	57.5

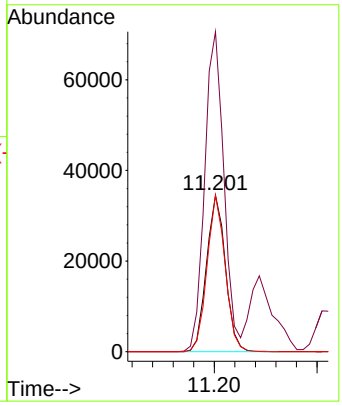




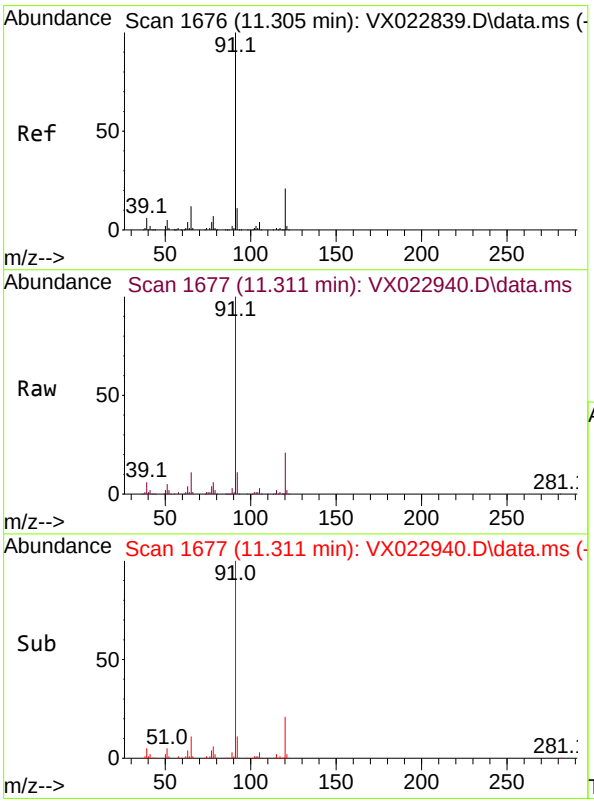
#77
Bromobenzene
Concen: 49.22 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:156 Resp: 44127

Ion	Ratio	Lower	Upper
156	100		
77	208.1	82.8	248.6
158	95.8	49.1	147.4



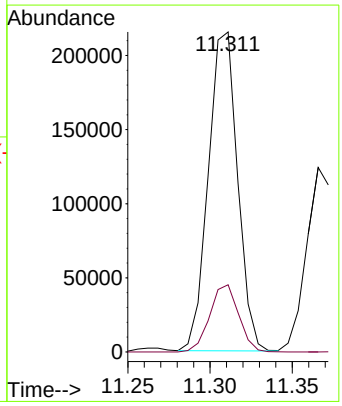
Instrument :
MSVOA_X
ClientSampleId :

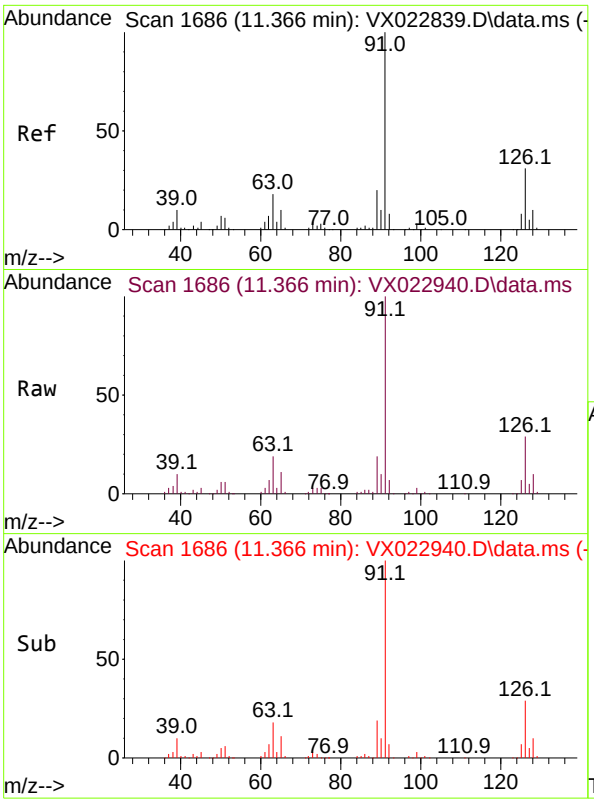


#78
n-propylbenzene
Concen: 51.12 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 91 Resp: 266671

Ion	Ratio	Lower	Upper
91	100		
120	20.8	11.5	34.5

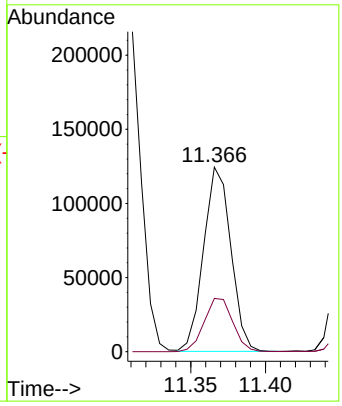




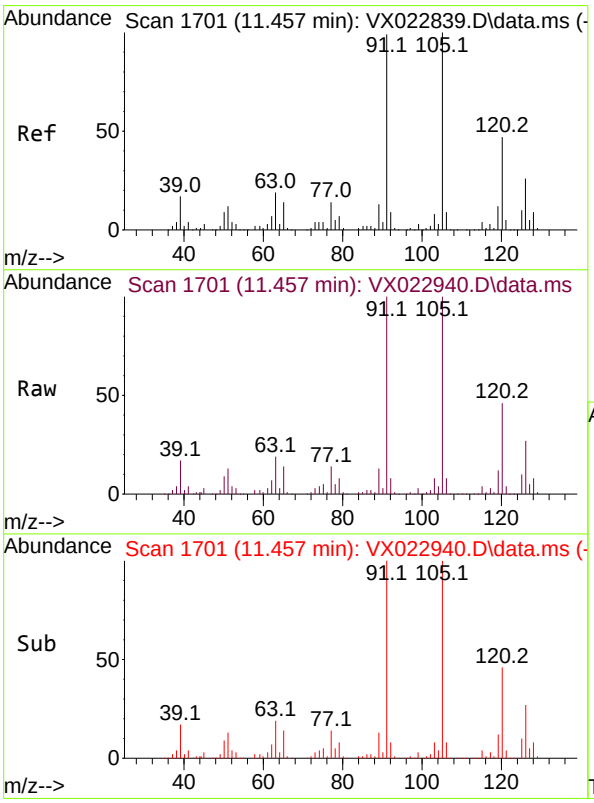
#79
2-Chlorotoluene
Concen: 50.08 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 91 Resp: 157748

Ion	Ratio	Lower	Upper
91	100		
126	30.4	16.6	49.8



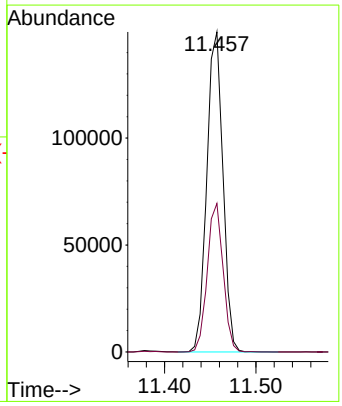
Instrument :
MSVOA_X
ClientSampleId :

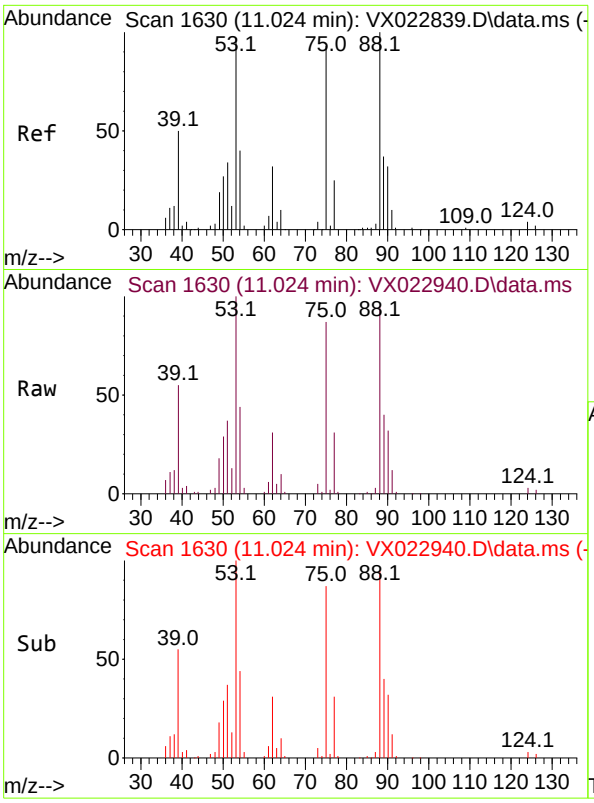


#80
1,3,5-Trimethylbenzene
Concen: 51.61 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:105 Resp: 182709

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.8	71.5

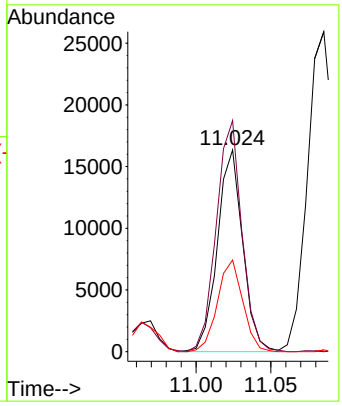




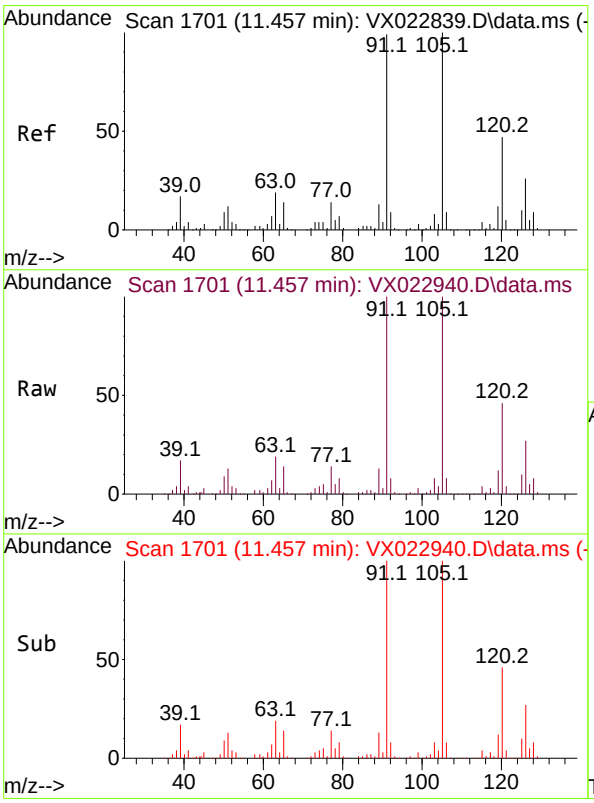
#81
trans-1,4-Dichloro-2-butene
Concen: 40.21 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 75 Resp: 19306

Ion	Ratio	Lower	Upper
75	100		
53	115.6	74.5	111.7#
89	45.3	37.9	56.9



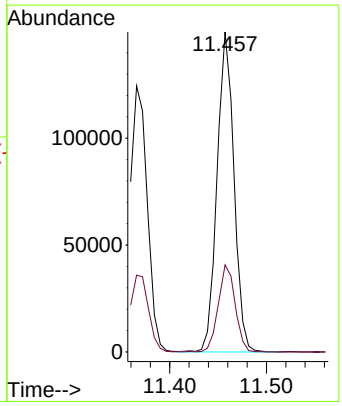
Instrument :
MSVOA_X
ClientSampleId :



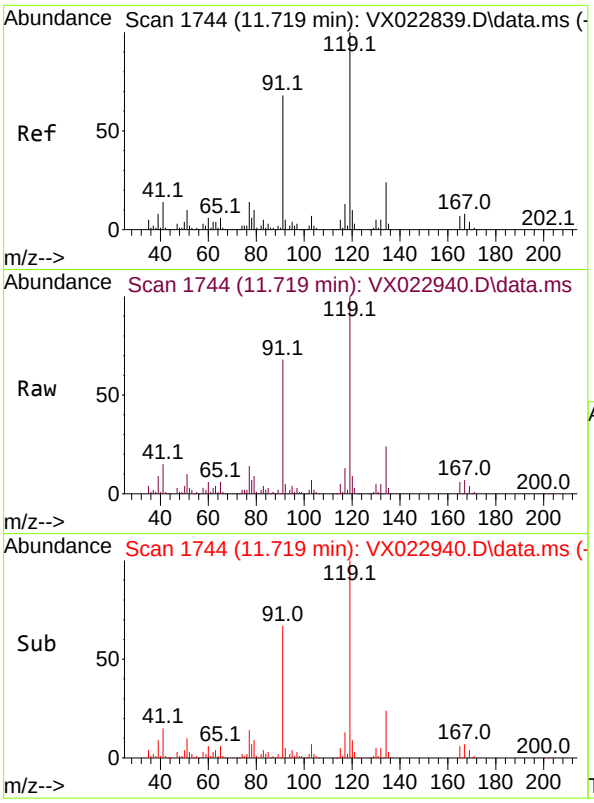
#82
4-Chlorotoluene
Concen: 49.84 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 91 Resp: 181409

Ion	Ratio	Lower	Upper
91	100		
126	27.1	14.9	44.5



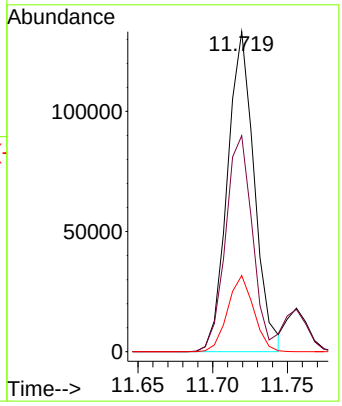
Instrument :
MSVOA_X
ClientSampleId :

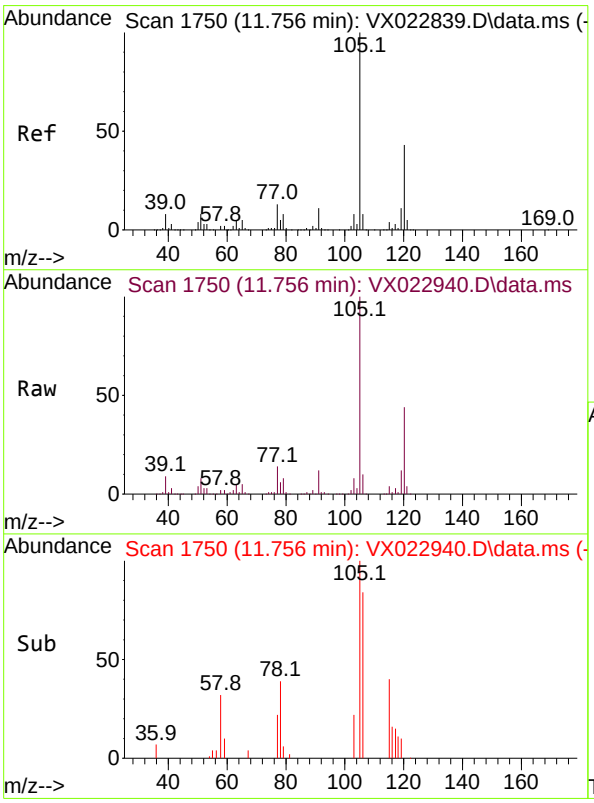


#83
tert-Butylbenzene
Concen: 49.69 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:119 Resp: 166126

Ion	Ratio	Lower	Upper
119	100		
91	67.1	27.9	83.7
134	23.0	11.3	33.9

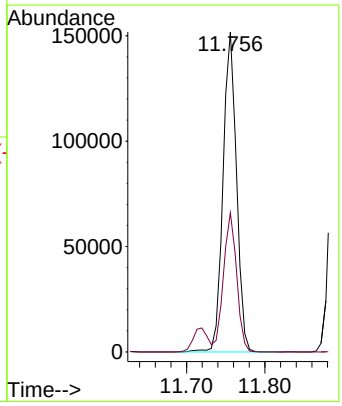




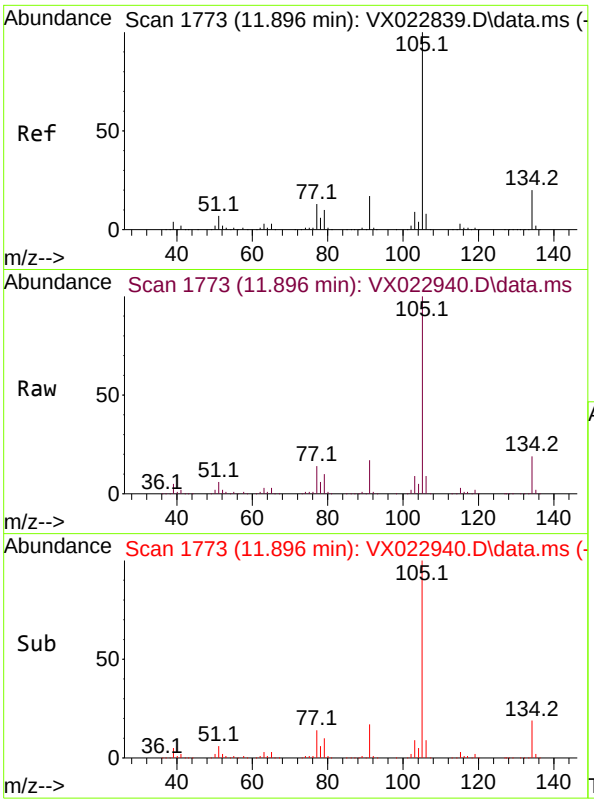
#84
1,2,4-Trimethylbenzene
Concen: 51.10 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:105 Resp: 182083

Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.4	67.3



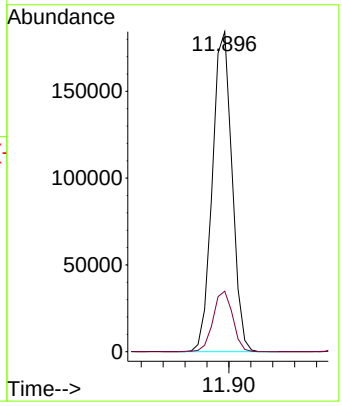
Instrument :
MSVOA_X
ClientSampleId :

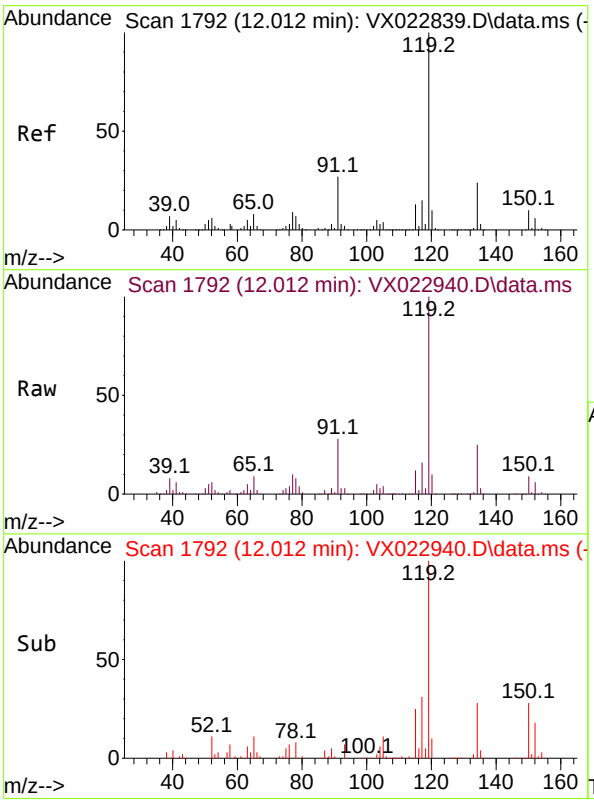


#85
sec-Butylbenzene
Concen: 51.01 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:105 Resp: 229982

Ion	Ratio	Lower	Upper
105	100		
134	18.9	10.0	29.8

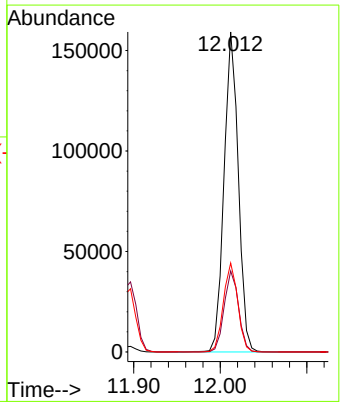




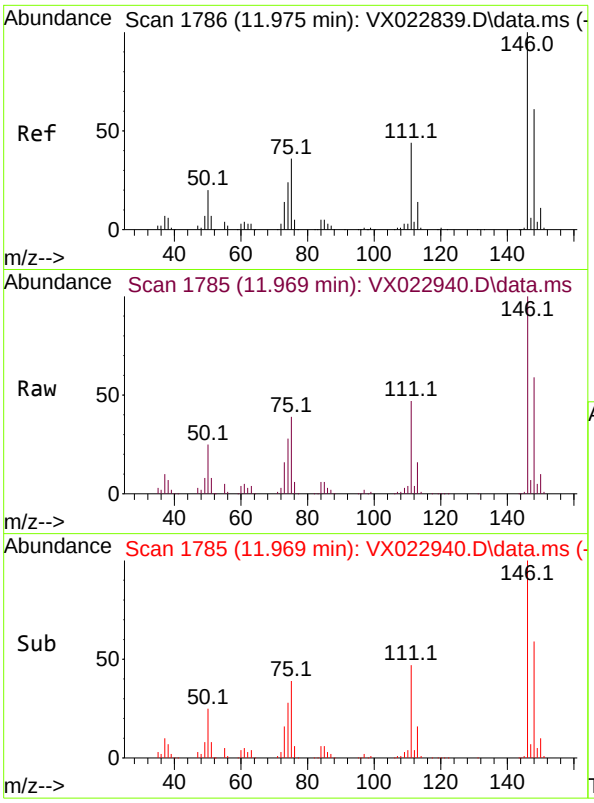
#86
p-Isopropyltoluene
Concen: 50.71 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:119 Resp: 181687

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	28.0	11.7	35.0



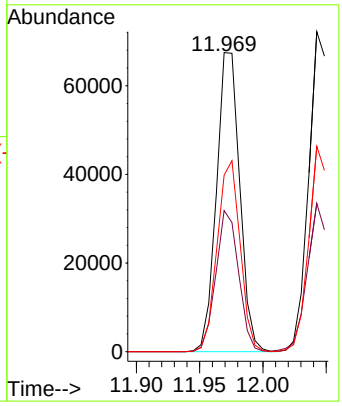
Instrument :
MSVOA_X
ClientSampleId :

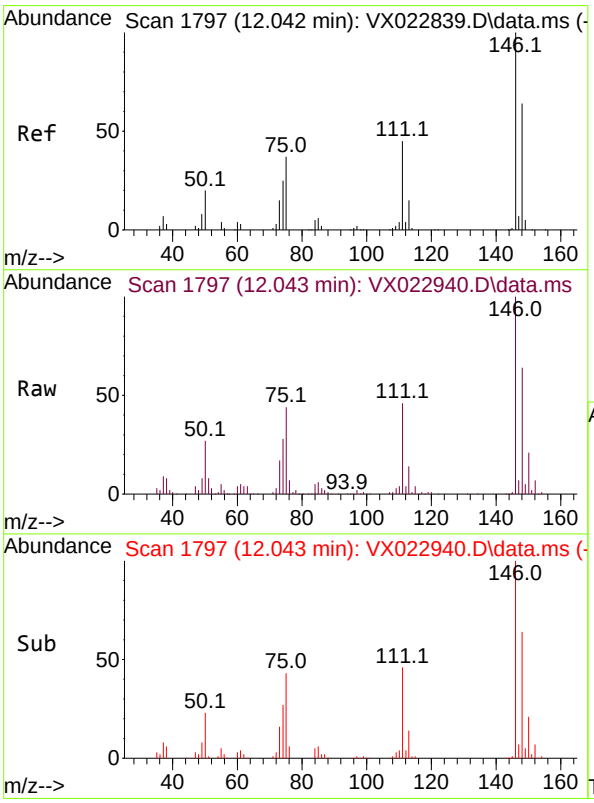


#87
1,3-Dichlorobenzene
Concen: 49.95 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:146 Resp: 86396

Ion	Ratio	Lower	Upper
146	100		
111	46.1	20.2	60.5
148	62.8	31.9	95.7

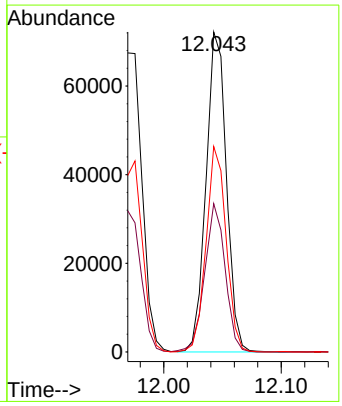




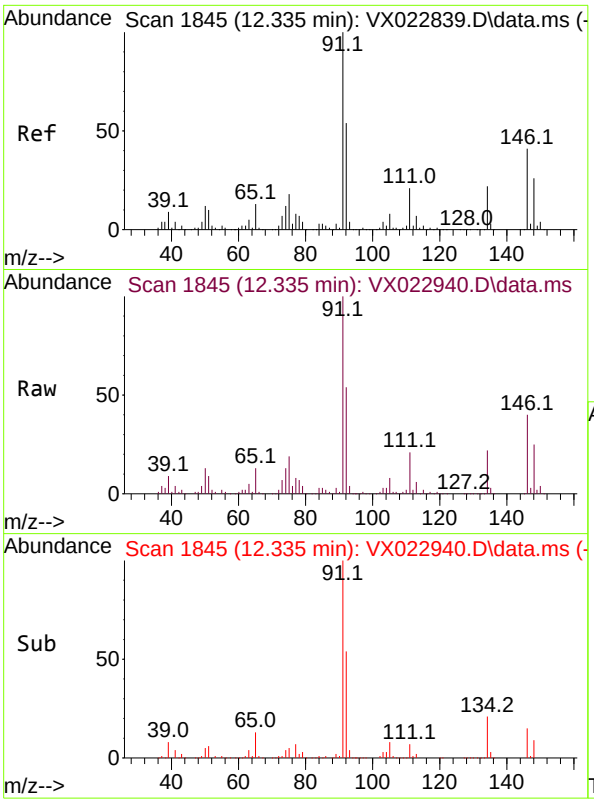
#88
1,4-Dichlorobenzene
Concen: 48.14 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:146 Resp: 87066

Ion	Ratio	Lower	Upper
146	100		
111	46.5	19.6	58.8
148	63.2	31.6	95.0



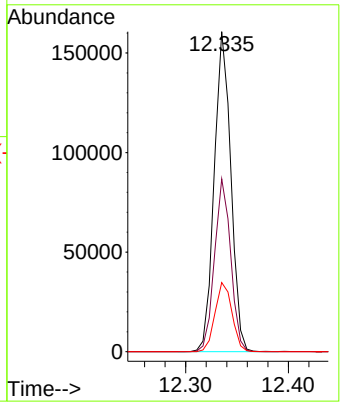
Instrument :
MSVOA_X
ClientSampleId :

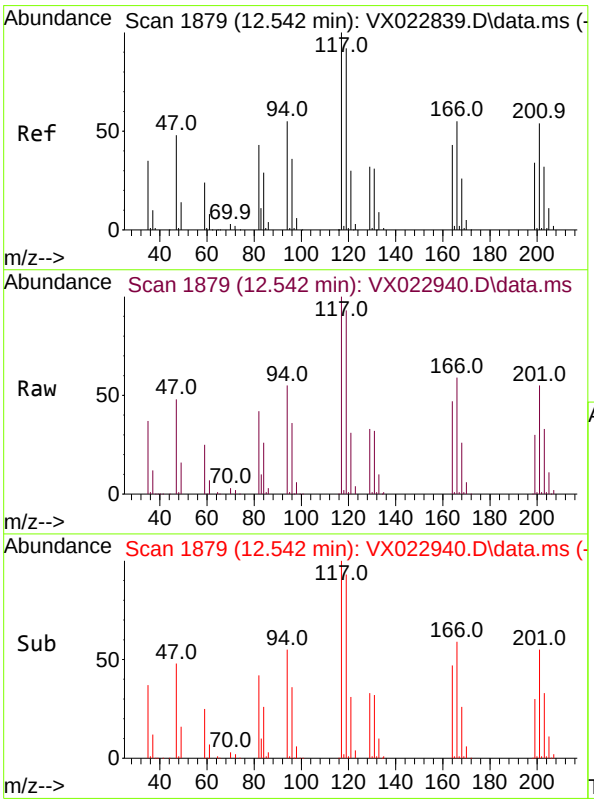


#89
n-Butylbenzene
Concen: 52.95 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 91 Resp: 180364

Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.4	82.0
134	22.1	13.2	39.5

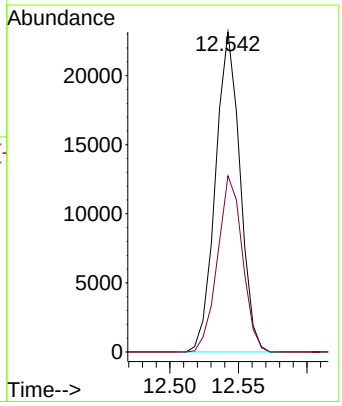




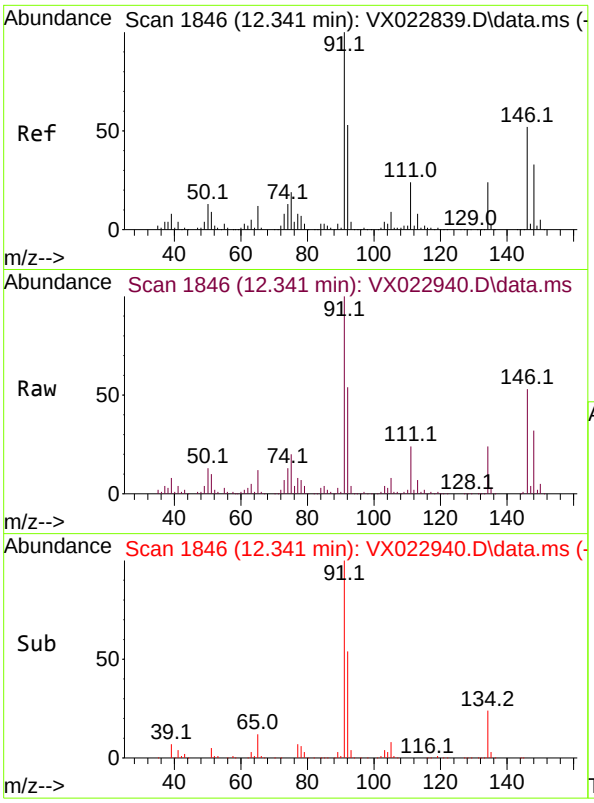
#90
Hexachloroethane
Concen: 43.84 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:117 Resp: 28725

Ion	Ratio	Lower	Upper
117	100		
201	56.0	40.4	121.2



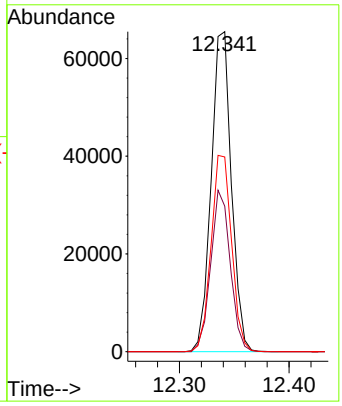
Instrument :
MSVOA_X
ClientSampleId :

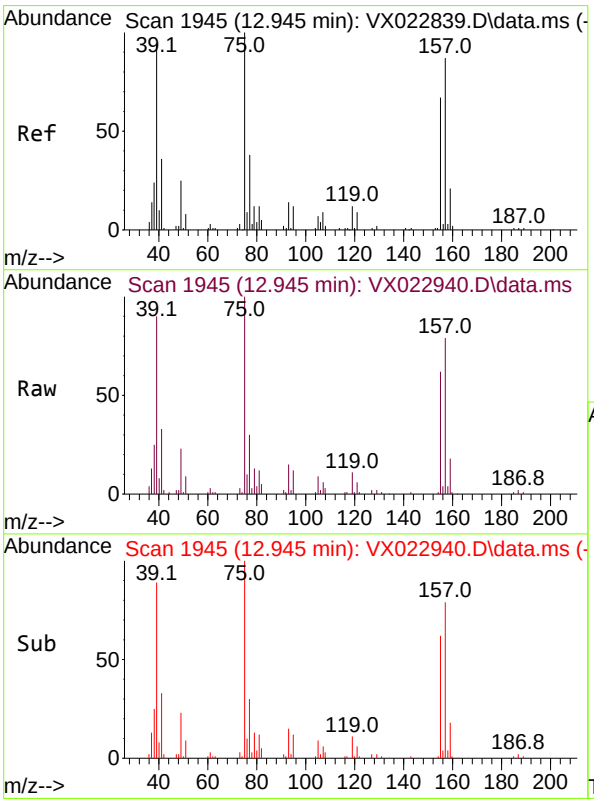


#91
1,2-Dichlorobenzene
Concen: 49.68 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:146 Resp: 83870

Ion	Ratio	Lower	Upper
146	100		
111	48.7	20.8	62.2
148	62.4	31.9	95.5

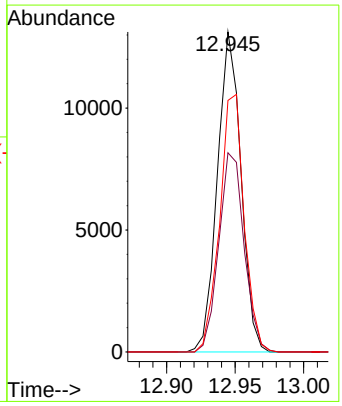




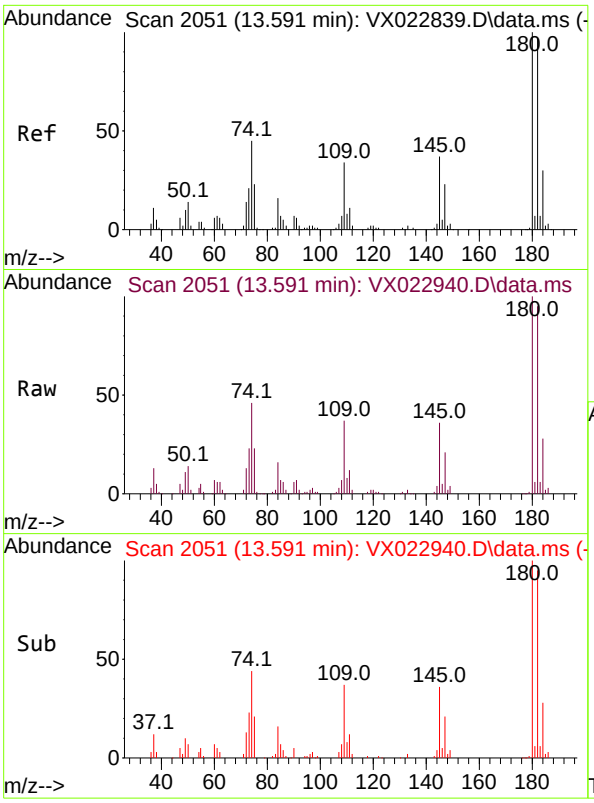
#92
1,2-Dibromo-3-Chloropropane
Concen: 45.23 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion: 75 Resp: 15675

Ion	Ratio	Lower	Upper
75	100		
155	66.9	45.3	135.9
157	83.4	57.7	173.1



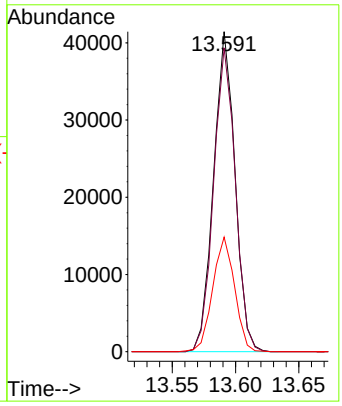
Instrument :
MSVOA_X
ClientSampleId :

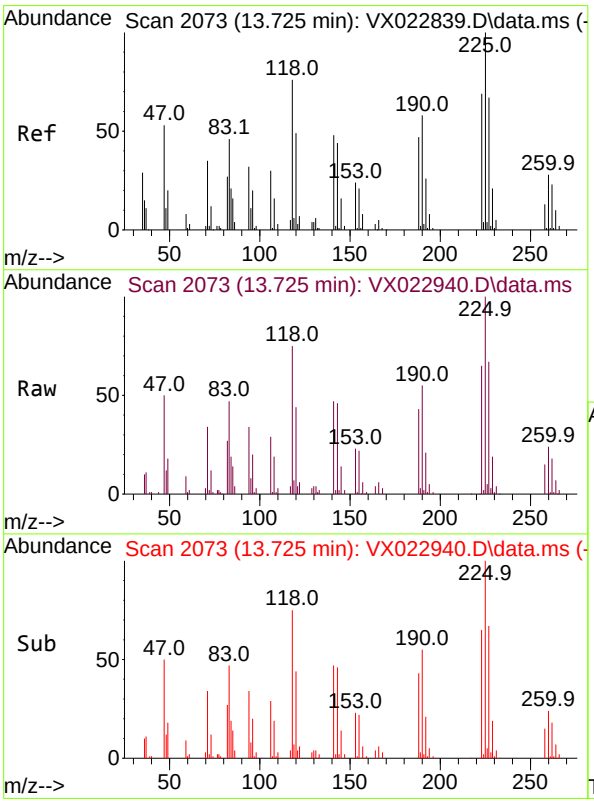


#93
1,2,4-Trichlorobenzene
Concen: 52.01 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:180 Resp: 48692

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.7	143.1
145	36.6	15.0	45.0

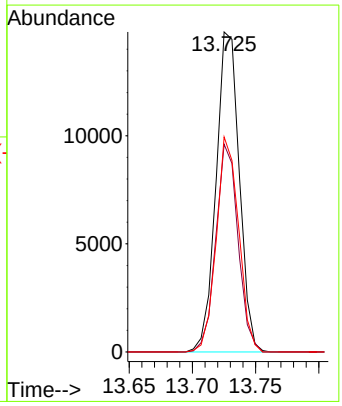




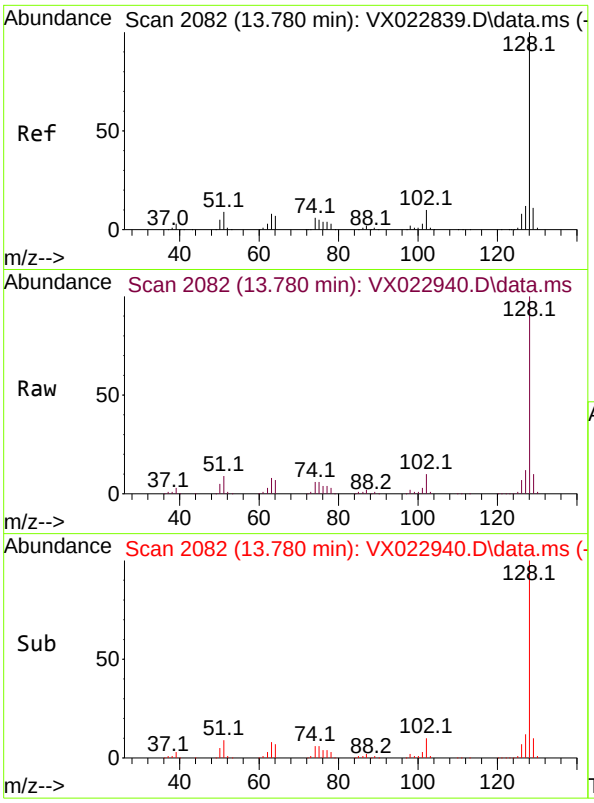
#94
Hexachlorobutadiene
Concen: 51.48 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:225 Resp: 18888

Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	64.5	31.6	95.0



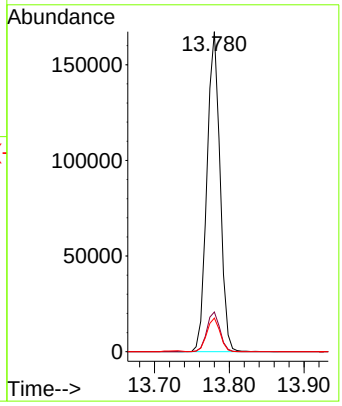
Instrument :
MSVOA_X
ClientSampleId :

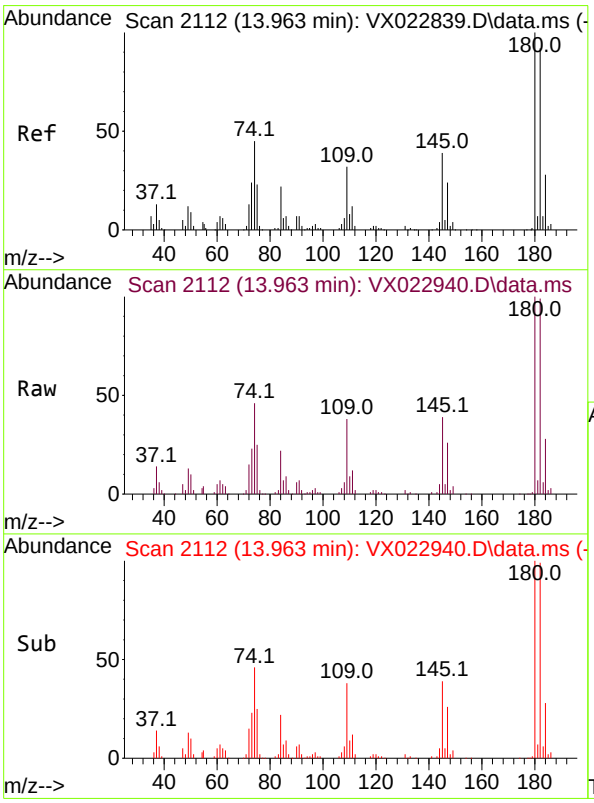


#95
Naphthalene
Concen: 48.85 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

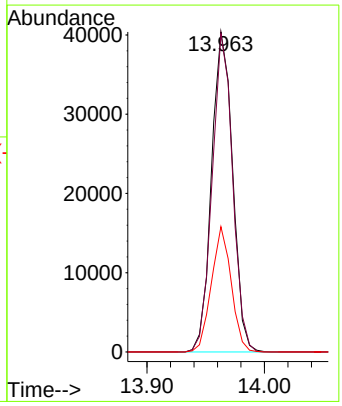
Tgt Ion:128 Resp: 202694

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.7	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 53.31 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022940.D
Acq: 25 Jun 2021 22:42

Tgt Ion:180 Resp: 50278

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.9
145	36.9	16.1	48.3