Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
Data File : VX024275.D
Acq On : 16 Sep 2021 09:03
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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9/22/2021 7:39:05 PM

Quant Time: Sep 22 08:35:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	188547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131656	48.968	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.940%			
35) Dibromofluoromethane	5.391	113	98658	50.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.653	98	370700	52.302	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.600%			
62) 4-Bromofluorobenzene	11.085	95	151360	54.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	92669	51.129	ug/l	99
3) Chloromethane	1.295	50	93858	49.590	ug/l	99
4) Vinyl Chloride	1.374	62	93225	49.492	ug/l	98
5) Bromomethane	1.599	94	53881	48.050	ug/l	97
6) Chloroethane	1.679	64	54456	43.768	ug/l	98
7) Trichlorofluoromethane	1.886	101	144940	45.871	ug/l	98
8) Diethyl Ether	2.136	74	47496	43.441	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	96326	51.893	ug/l	97
10) Methyl Iodide	2.453	142	129644	50.483	ug/l	91
11) Tert butyl alcohol	2.977	59	122679	213.084	ug/l	98
12) 1,1-Dichloroethene	2.319	96	87826	50.519	ug/l	95
13) Acrolein	2.240	56	37775	213.174	ug/l	97
14) Allyl chloride	2.666	41	162200	51.338	ug/l	90
15) Acrylonitrile	3.069	53	265538	241.466	ug/l	97
16) Acetone	2.386	43	335414	292.578	ug/l	89
17) Carbon Disulfide	2.514	76	218728	50.205	ug/l	99
18) Methyl Acetate	2.709	43	170398	47.410	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	323995	50.711	ug/l	99
20) Methylene Chloride	2.794	84	101961	46.316	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	95083	49.959	ug/l	96
22) Diisopropyl ether	3.770	45	326893	52.679	ug/l	95
23) Vinyl Acetate	3.727	43	1324641	262.904	ug/l	95
24) 1,1-Dichloroethane	3.617	63	183485	50.391	ug/l	97
25) 2-Butanone	4.568	43	439553	260.318	ug/l	92
26) 2,2-Dichloropropane	4.483	77	166991	52.360	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	113443	51.612	ug/l	94
28) Bromochloromethane	4.898	49	76646	51.661	ug/l	94
29) Tetrahydrofuran	5.013	42	252835	239.231	ug/l	90
30) Chloroform	5.099	83	197358	50.968	ug/l	99
31) Cyclohexane	5.471	56	164433	52.286	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	179778	51.876	ug/l	99
36) 1,1-Dichloropropene	5.696	75	144571	54.202	ug/l	99
37) Ethyl Acetate	4.721	43	152404	49.037	ug/l #	94
38) Carbon Tetrachloride	5.684	117	161893	53.927	ug/l	99
39) Methylcyclohexane	7.385	83	179410	56.339	ug/l	98
40) Benzene	6.044	78	406650	53.156	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Quant Time: Sep 22 08:35:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	85648	51.675	ug/l		92
42) 1,2-Dichloroethane	6.092	62	168523	52.828	ug/l		95
43) Isopropyl Acetate	6.349	43	253494	51.238	ug/l		93
44) Trichloroethene	7.129	130	112554	52.365	ug/l		99
45) 1,2-Dichloropropane	7.434	63	107445	53.214	ug/l		100
46) Dibromomethane	7.586	93	77040	52.126	ug/l		97
47) Bromodichloromethane	7.824	83	150079	54.610	ug/l		98
48) Methyl methacrylate	7.696	41	127272	51.559	ug/l		88
49) 1,4-Dioxane	7.659	88	50927	985.294	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.580	43	823521	261.220	ug/l		91
52) Toluene	8.720	92	270474	53.944	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	172913	55.481	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	178963	55.489	ug/l	#	91
55) 1,1,2-Trichloroethane	9.153	97	110687	51.836	ug/l		99
56) Ethyl methacrylate	9.116	69	177066	49.684	ug/l	#	85
57) 1,3-Dichloropropane	9.311	76	187434	53.898	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	417151	269.948	ug/l		97
59) 2-Hexanone	9.433	43	690704	281.174	ug/l		88
60) Dibromochloromethane	9.525	129	119599	49.409	ug/l		100
61) 1,2-Dibromoethane	9.610	107	118324	52.004	ug/l		99
64) Tetrachloroethene	9.275	164	116489	54.526	ug/l		92
65) Chlorobenzene	10.080	112	301428	53.128	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	115903	55.120	ug/l		99
67) Ethyl Benzene	10.195	91	550509	55.467	ug/l		99
68) m/p-Xylenes	10.305	106	425836	112.070	ug/l		98
69) o-Xylene	10.647	106	209884	55.335	ug/l		99
70) Styrene	10.659	104	355159	57.721	ug/l		98
71) Bromoform	10.805	173	89276	50.863	ug/l	#	98
73) Isopropylbenzene	10.964	105	562313	56.519	ug/l		99
74) N-amyl acetate	10.848	43	241411	57.640	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.214	83	173208	53.813	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	167239m	54.438	ug/l		
77) Bromobenzene	11.201	156	139069	55.618	ug/l		96
78) n-propylbenzene	11.305	91	658442	58.584	ug/l		99
79) 2-Chlorotoluene	11.366	91	393284	56.334	ug/l		100
80) 1,3,5-Trimethylbenzene	11.457	105	483485	57.652	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.025	75	58776	56.268	ug/l		92
82) 4-Chlorotoluene	11.457	91	462170	58.184	ug/l		99
83) tert-Butylbenzene	11.720	119	428007	52.877	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	439151	53.233	ug/l		99
85) sec-Butylbenzene	11.890	105	514214	50.704	ug/l		100
86) p-Isopropyltoluene	12.012	119	458588	53.871	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	227924	50.889	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	236456	51.722	ug/l		99
89) n-Butylbenzene	12.335	91	403229	54.744	ug/l		98
90) Hexachloroethane	12.543	117	75075	54.738	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	223862	50.947	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31770	43.023	ug/l		91
93) 1,2,4-Trichlorobenzene	13.591	180	139481	53.867	ug/l		98
94) Hexachlorobutadiene	13.725	225	68331	52.846	ug/l		99
95) Naphthalene	13.780	128	452837	47.493	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	145884	55.895	ug/l		99

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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Quant Time: Sep 22 08:35:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
Data File : VX024275.D
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Quant Time: Sep 22 08:35:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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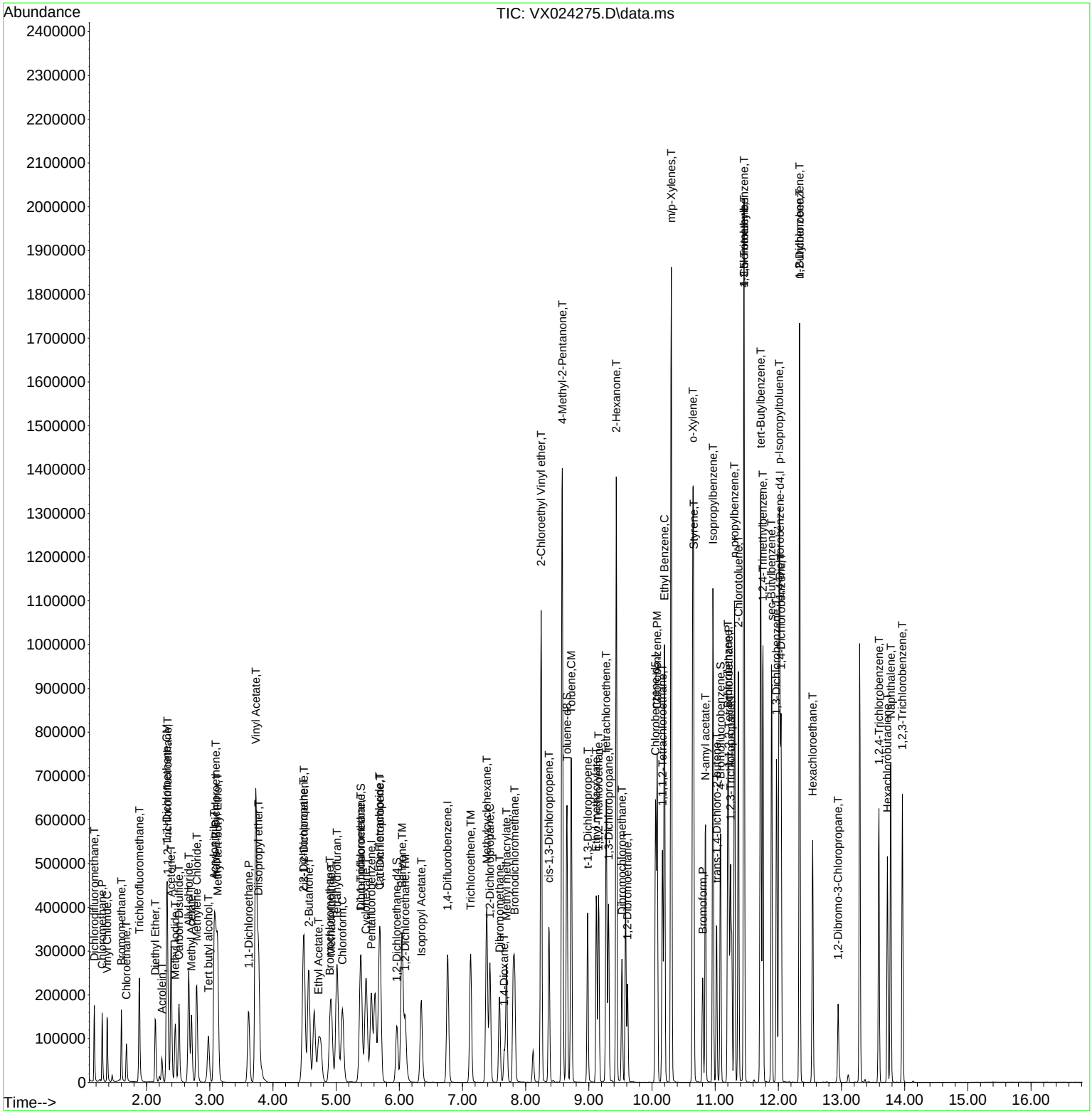
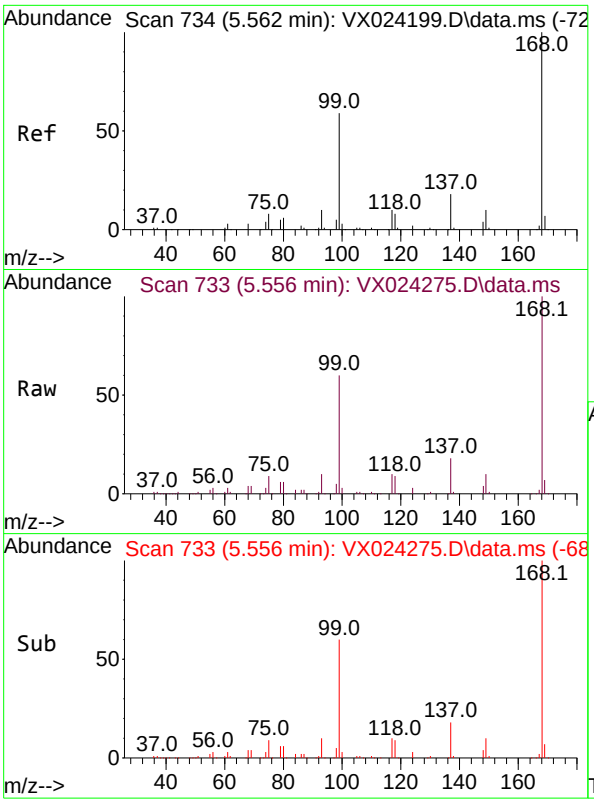
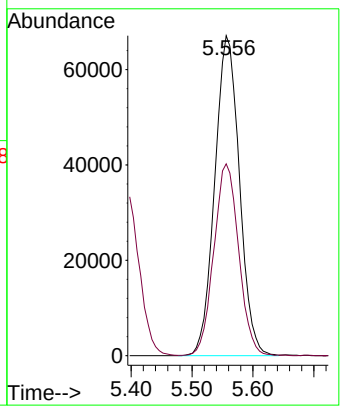


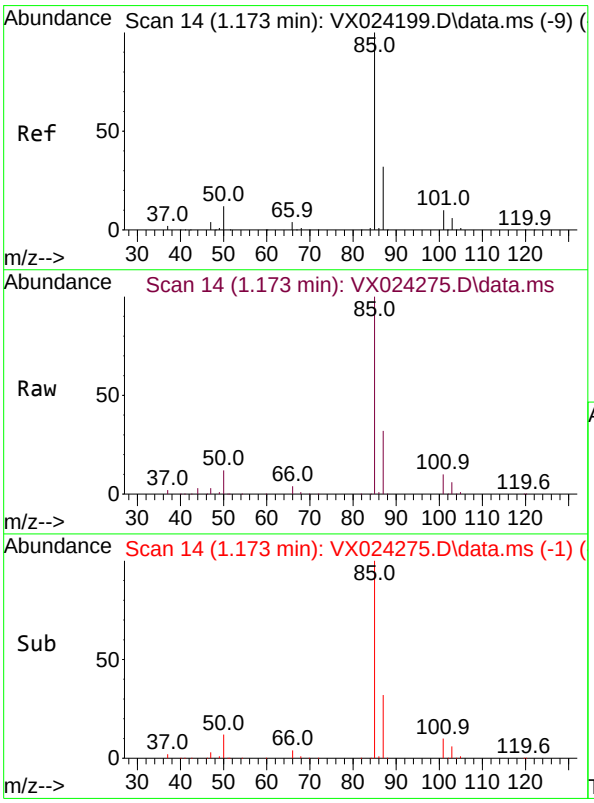


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:168 Resp: 188547

Ion	Ratio	Lower	Upper
168	100		
99	59.8	45.8	68.6

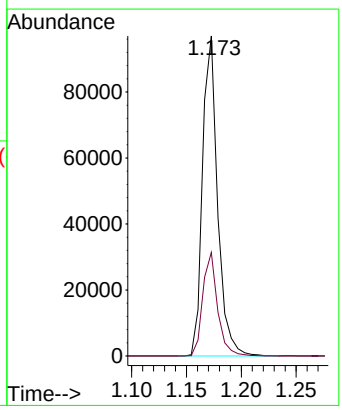




#2
Dichlorodifluoromethane
Concen: 51.129 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 85 Resp: 92669

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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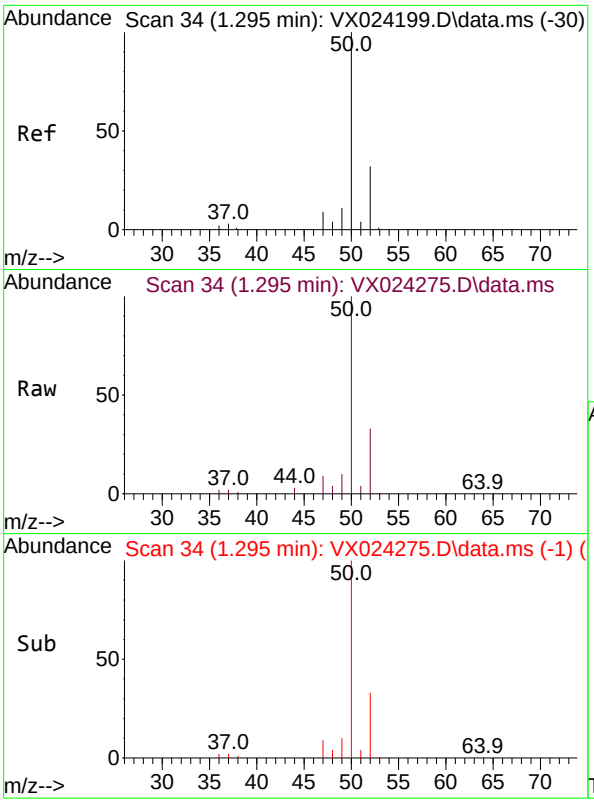
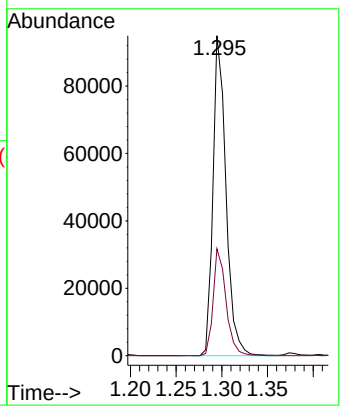


#3
Chloromethane
Concen: 49.590 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 50 Resp: 93858

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.4	39.6



Instrument :
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ClientSampleId :
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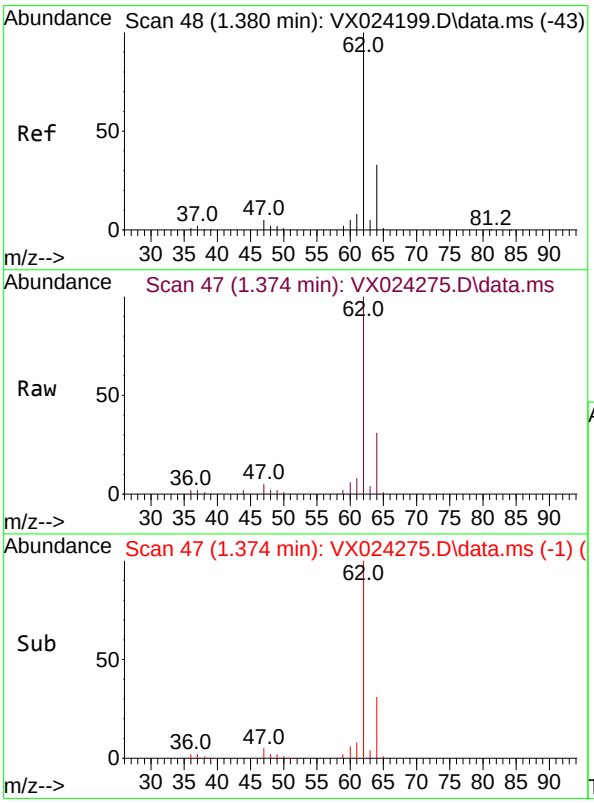
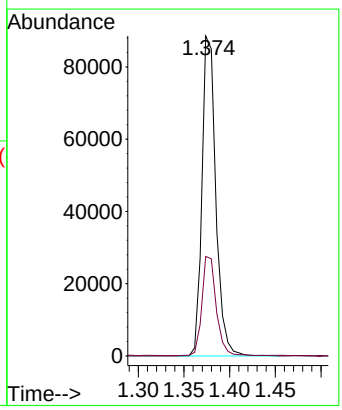
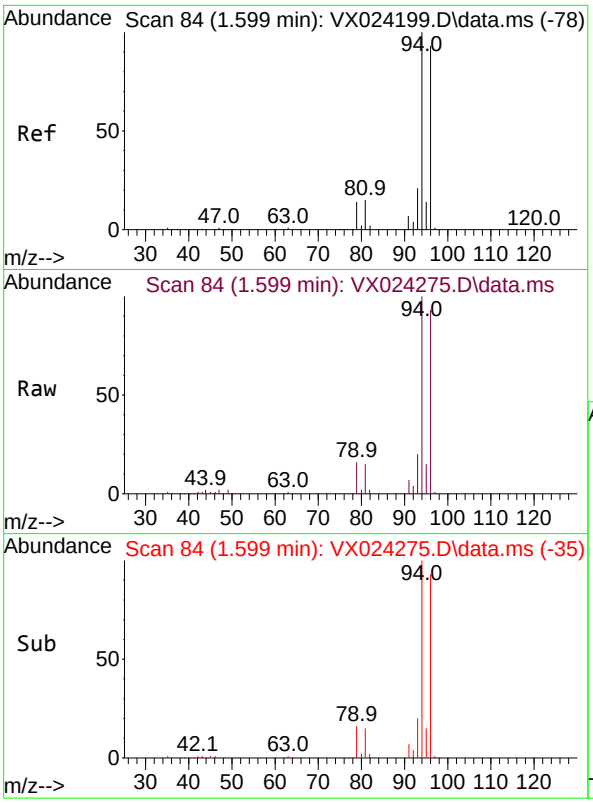


#4
Vinyl Chloride
Concen: 49.492 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 62 Resp: 93225

Ion	Ratio	Lower	Upper
62	100		
64	31.0	25.7	38.5

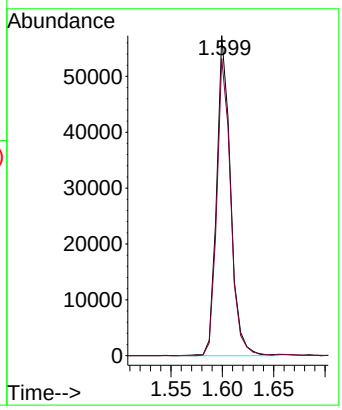




#5
Bromomethane
Concen: 48.050 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 94 Resp: 53881

Ion	Ratio	Lower	Upper
94	100		
96	92.9	76.4	114.6



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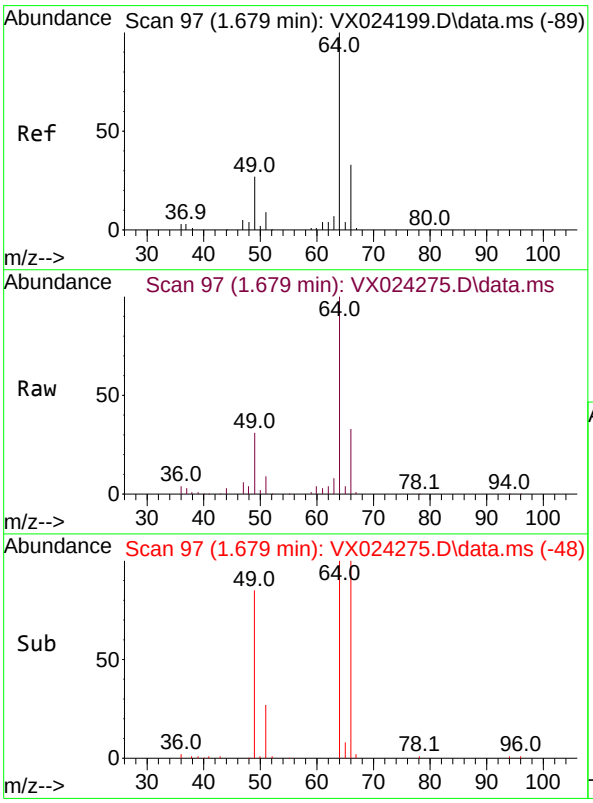
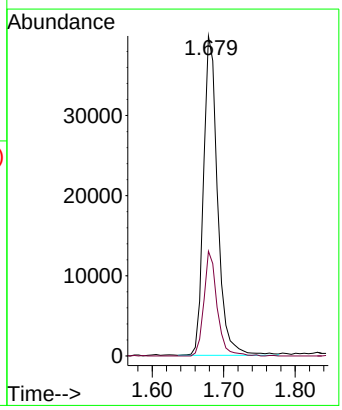
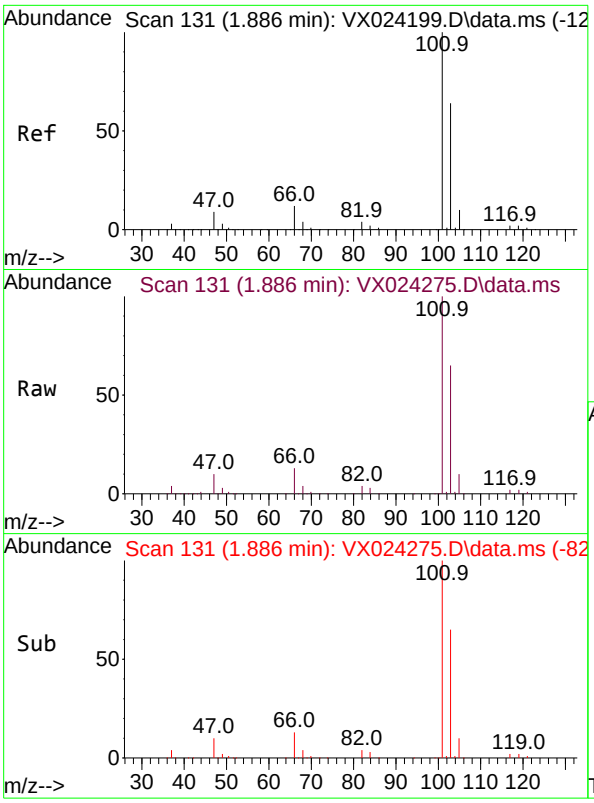


#6
Chloroethane
Concen: 43.768 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 64 Resp: 54456

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.4	38.0

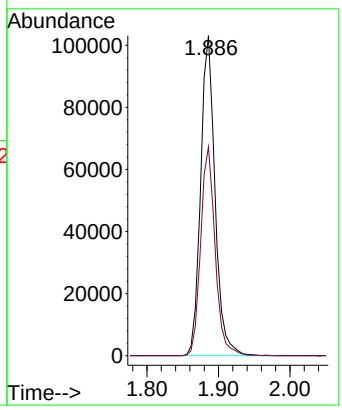


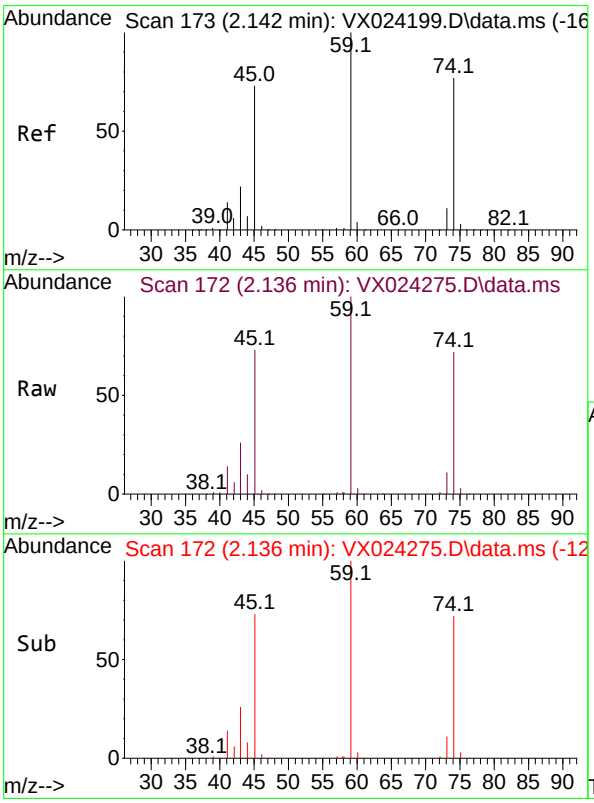


#7
Trichlorofluoromethane
Concen: 45.871 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:101 Resp: 144940

Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.2	79.8

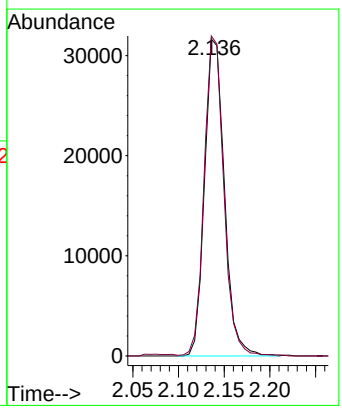




#8
Diethyl Ether
Concen: 43.441 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 74 Resp: 47496

Ion	Ratio	Lower	Upper
74	100		
45	100.1	44.5	133.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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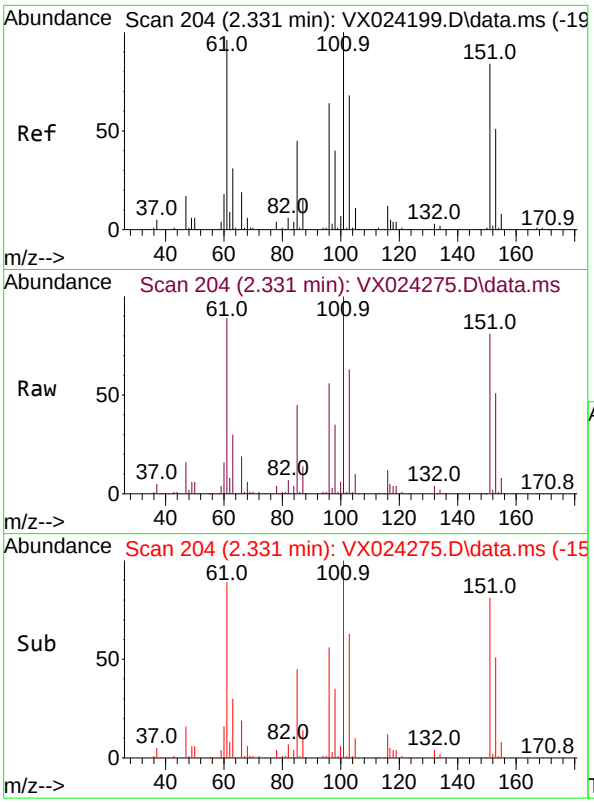
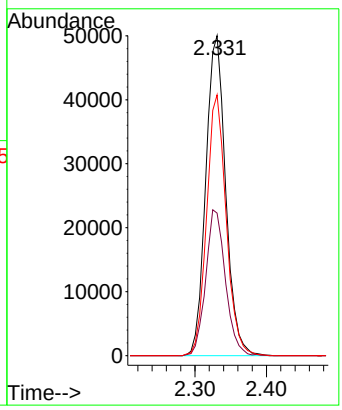


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.893 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:101 Resp: 96326

Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.9	52.3
151	80.2	61.4	92.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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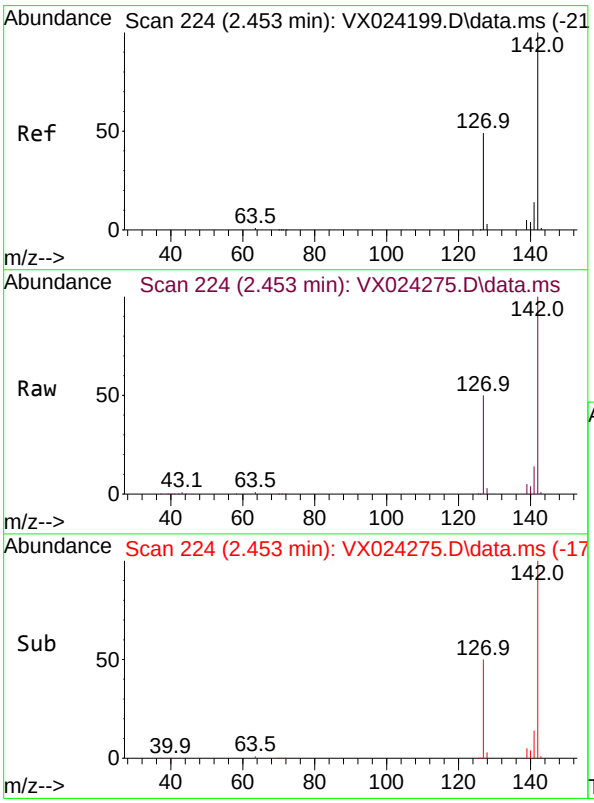
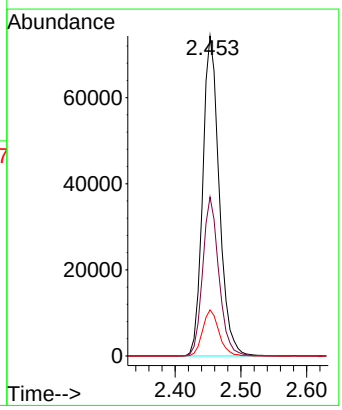
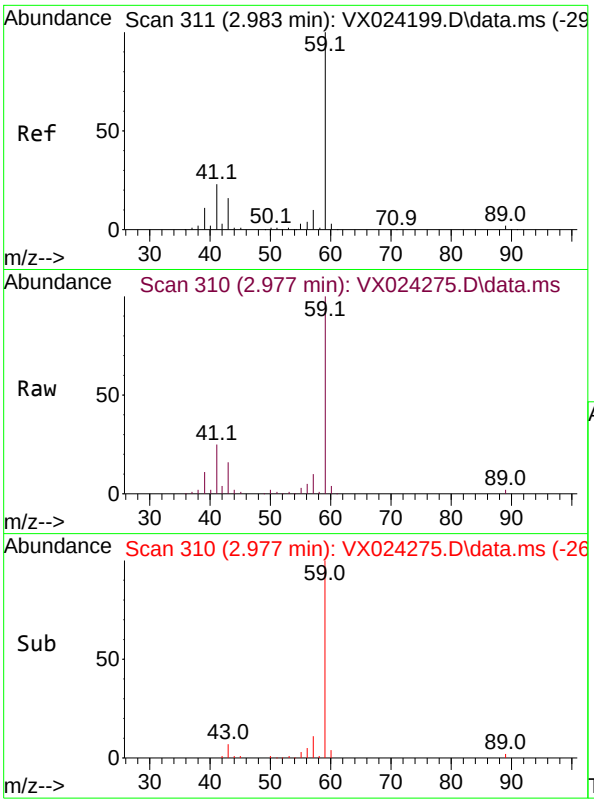


#10
Methyl Iodide
Concen: 50.483 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:142 Resp: 129644

Ion	Ratio	Lower	Upper
142	100		
127	48.8	33.3	49.9
141	14.3	11.4	17.0

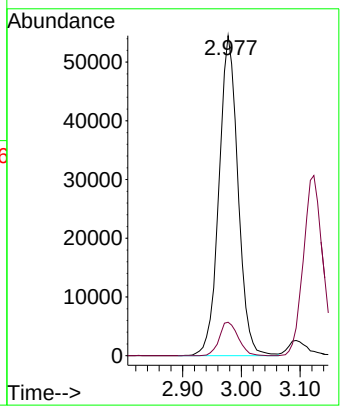




#11
Tert butyl alcohol
Concen: 213.084 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 59 Resp: 122679

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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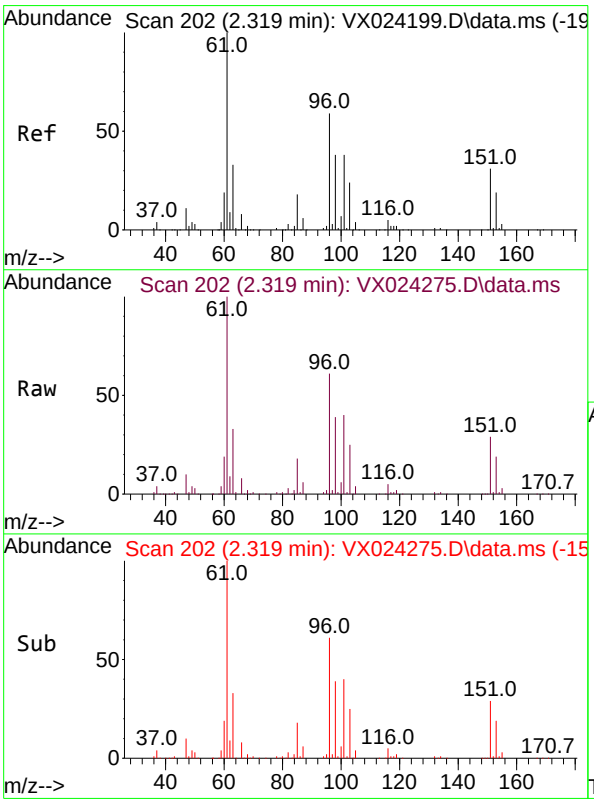
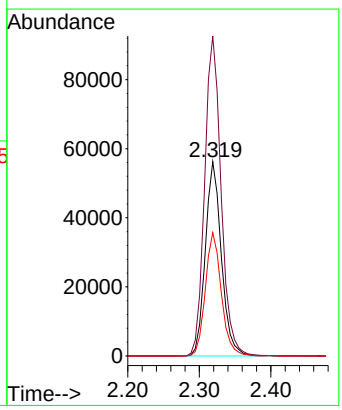
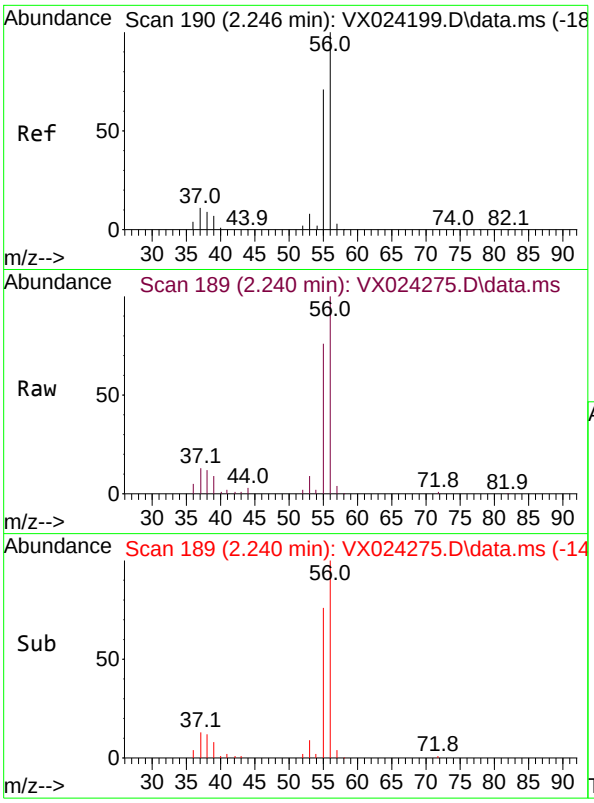


#12
1,1-Dichloroethene
Concen: 50.519 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 96 Resp: 87826

Ion	Ratio	Lower	Upper
96	100		
61	164.8	124.6	187.0
98	63.5	50.6	76.0

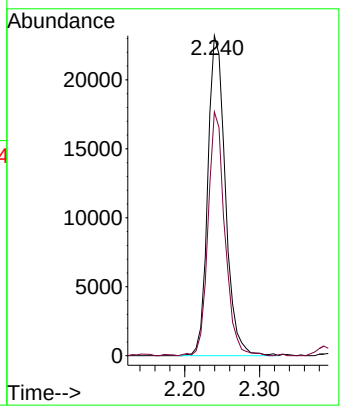




#13
Acrolein
Concen: 213.174 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 56 Resp: 37775

Ion	Ratio	Lower	Upper
56	100		
55	72.9	56.4	84.6



Instrument :
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ClientSampleId :
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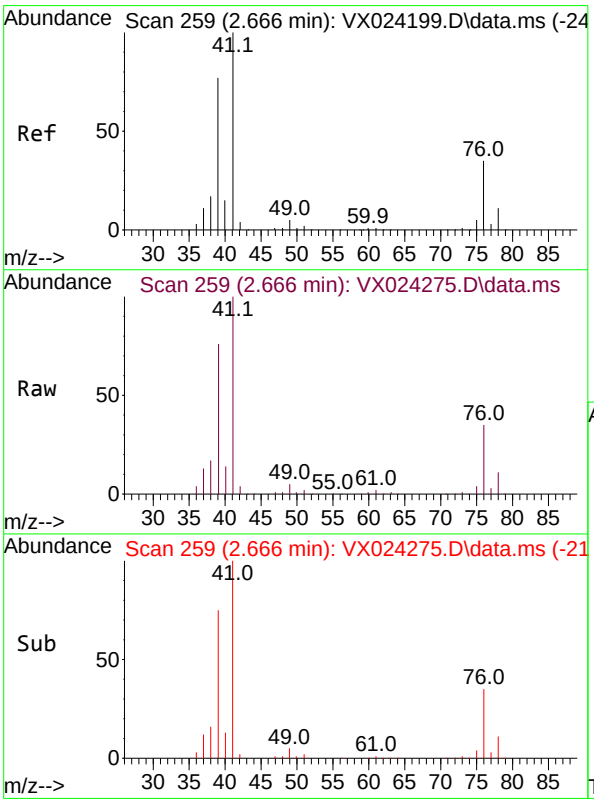
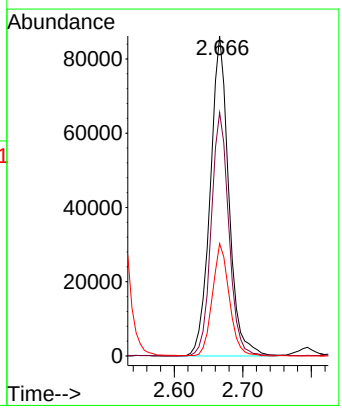
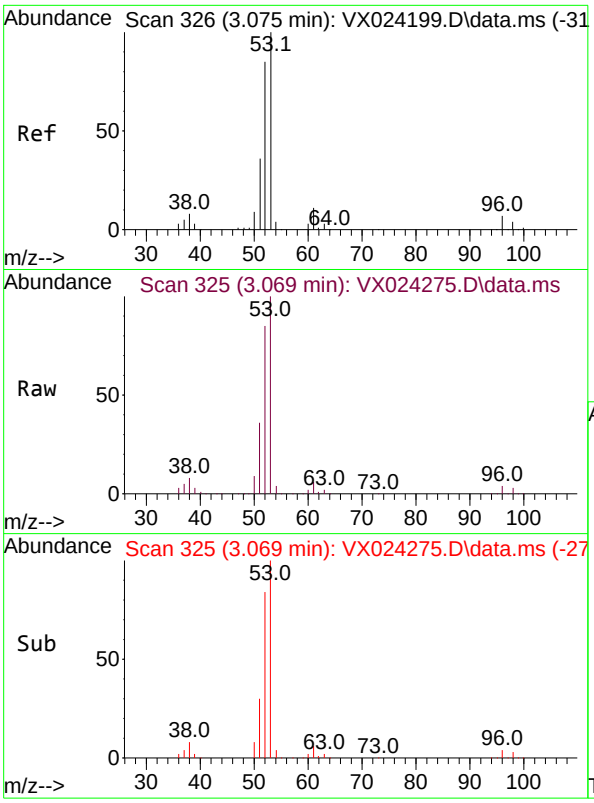


#14
Allyl chloride
Concen: 51.338 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 41 Resp: 162200

Ion	Ratio	Lower	Upper
41	100		
39	72.3	51.6	77.4
76	31.8	30.5	45.7

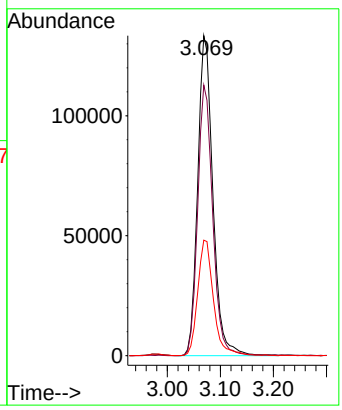




#15
Acrylonitrile
Concen: 241.466 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 53 Resp: 265538

Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.3	97.9
51	37.4	28.2	42.2



Instrument :
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ClientSampleId :
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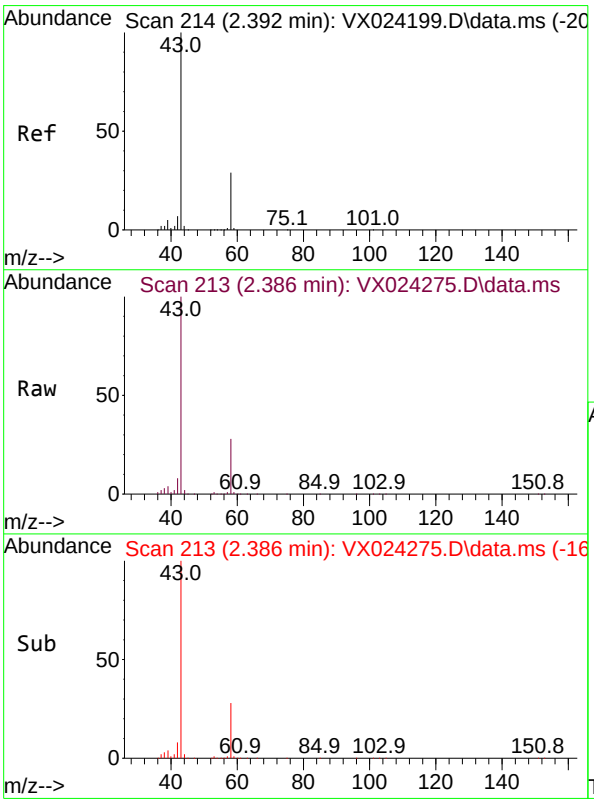
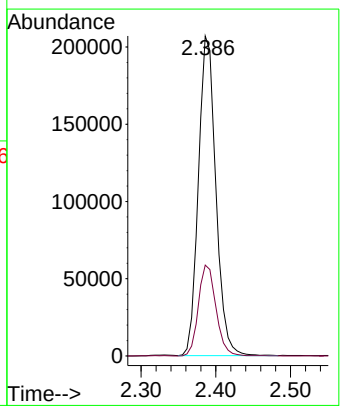
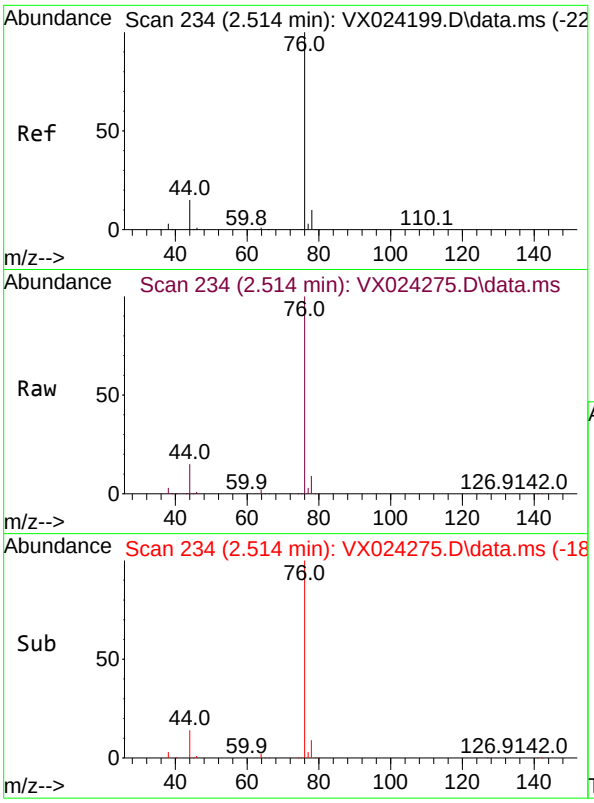


#16
Acetone
Concen: 292.578 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 335414

Ion	Ratio	Lower	Upper
43	100		
58	28.4	27.8	41.8

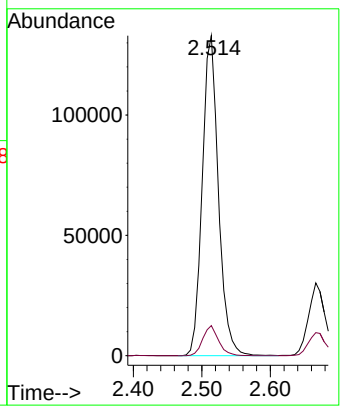




#17
Carbon Disulfide
Concen: 50.205 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 76 Resp: 218728

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8



Instrument :
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ClientSampleId :
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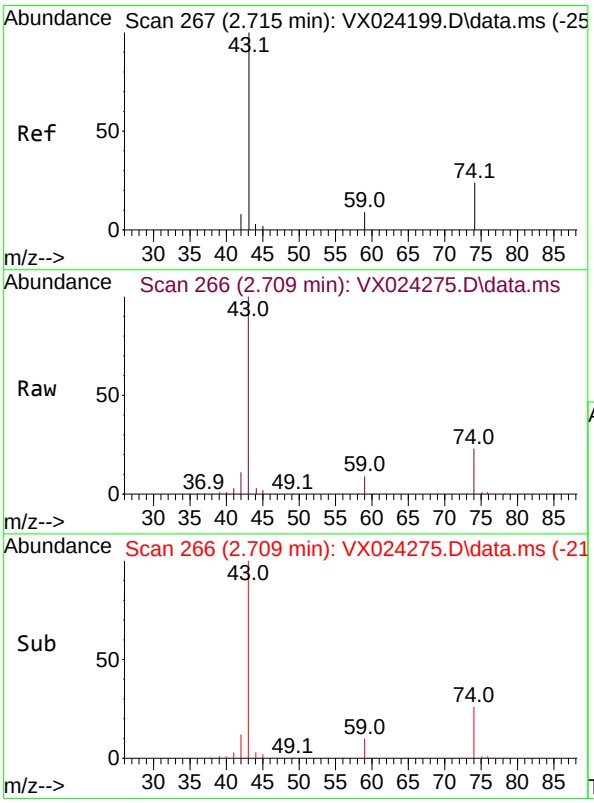
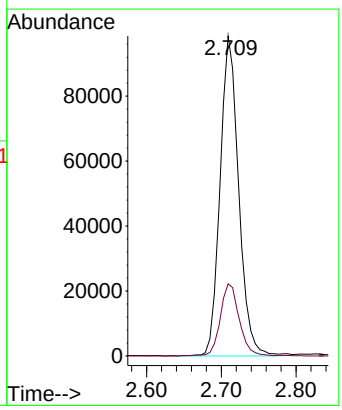
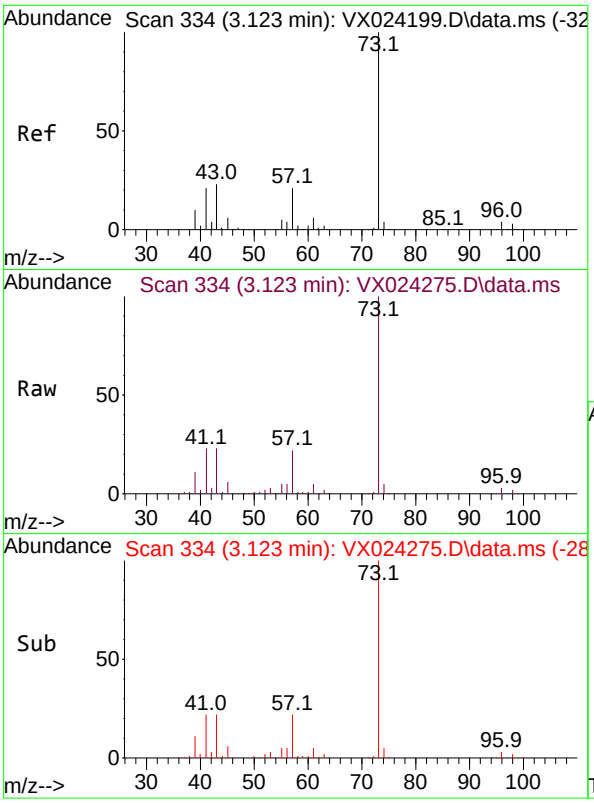


#18
Methyl Acetate
Concen: 47.410 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 170398

Ion	Ratio	Lower	Upper
43	100		
74	23.2	21.9	32.9

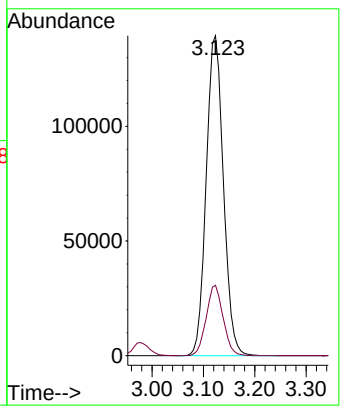


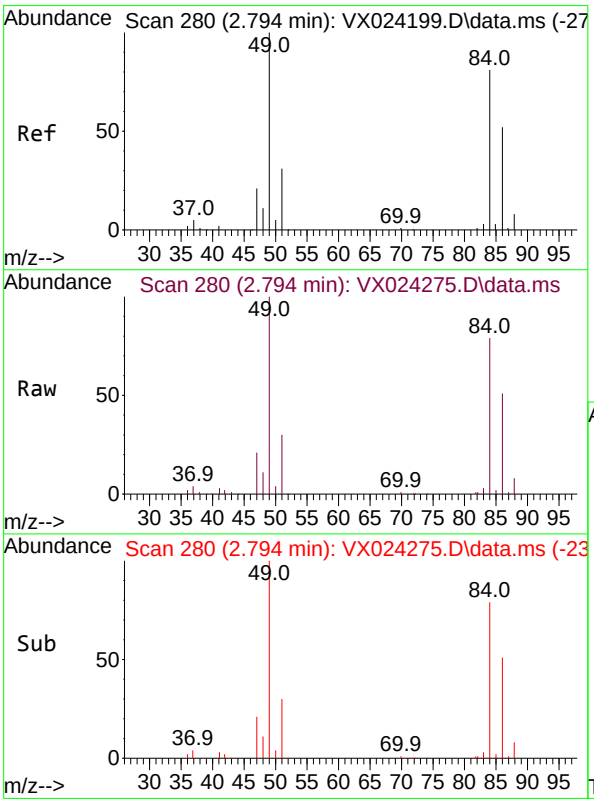


#19
Methyl tert-butyl Ether
Concen: 50.711 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 73 Resp: 323995

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.1	25.7

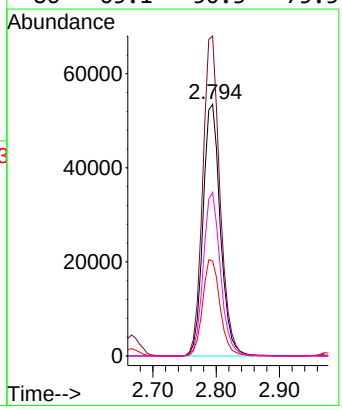




#20
Methylene Chloride
Concen: 46.316 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 84 Resp: 101961

Ion	Ratio	Lower	Upper
84	100		
49	127.2	88.6	132.8
51	37.7	27.0	40.6
86	65.1	50.3	75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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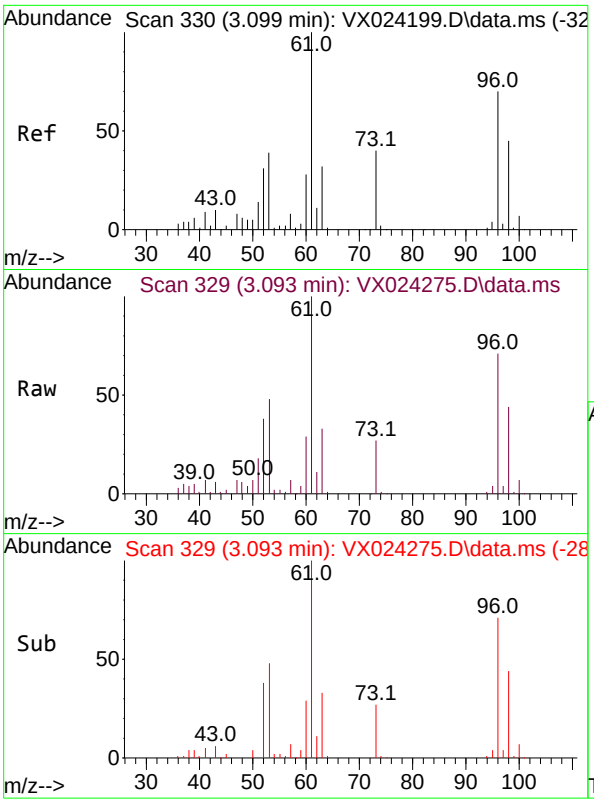
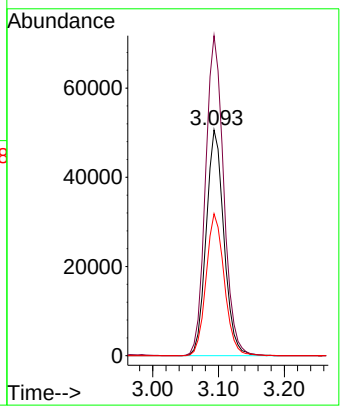
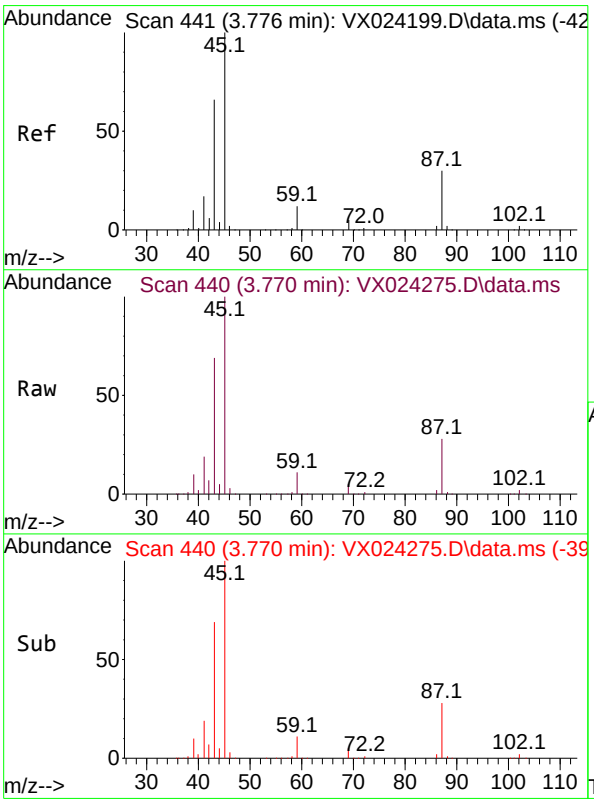


#21
trans-1,2-Dichloroethene
Concen: 49.959 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 96 Resp: 95083

Ion	Ratio	Lower	Upper
96	100		
61	141.7	107.7	161.5
98	62.8	50.4	75.6

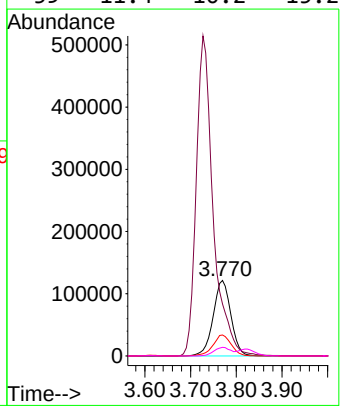




#22
Diisopropyl ether
Concen: 52.679 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 45 Resp: 326893

Ion	Ratio	Lower	Upper
45	100		
43	68.9	58.0	87.0
87	27.7	25.4	38.0
59	11.4	10.2	15.2



Instrument :
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ClientSampleId :
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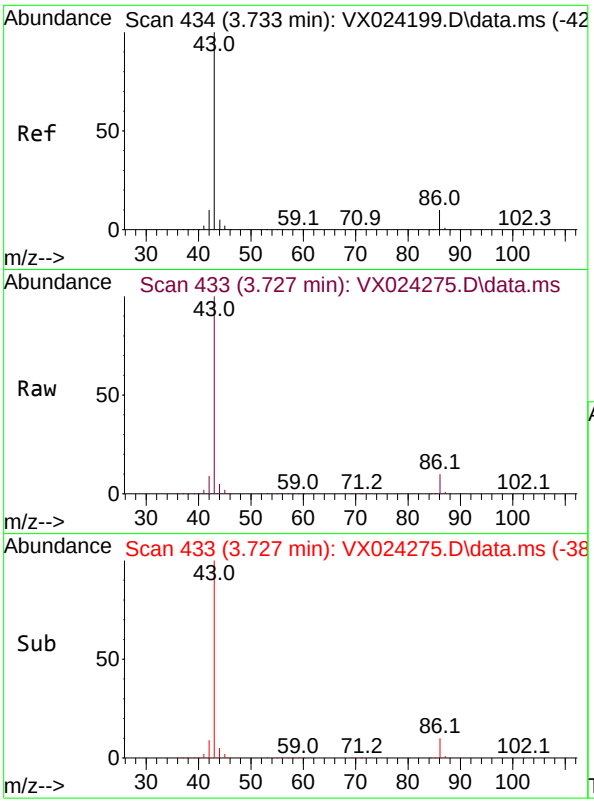
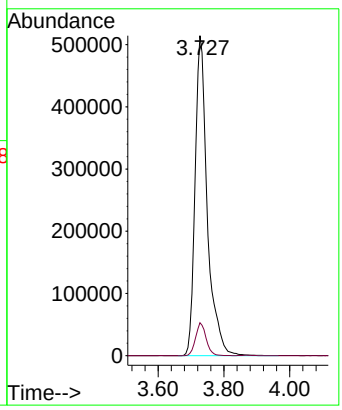


#23
Vinyl Acetate
Concen: 262.904 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 1324641

Ion	Ratio	Lower	Upper
43	100		
86	10.3	9.9	14.9



Instrument :
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ClientSampleId :
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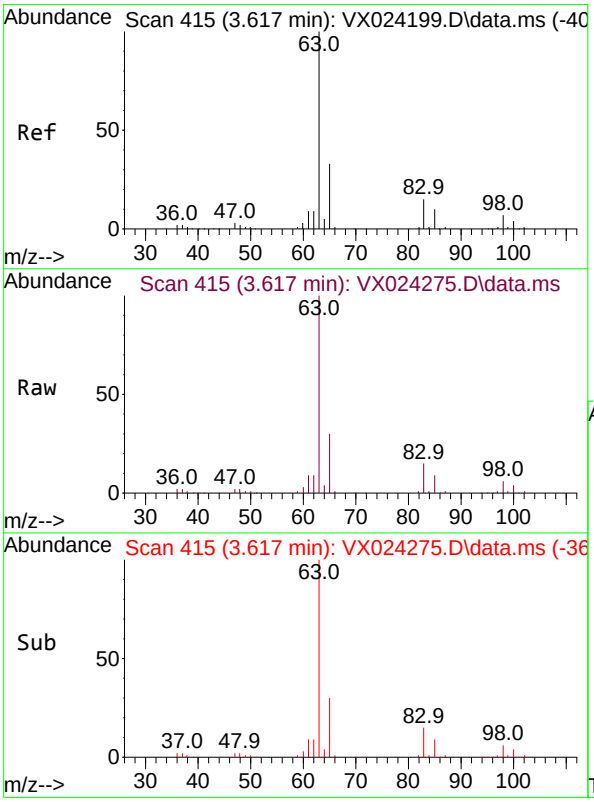
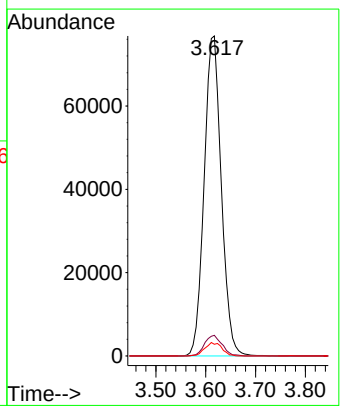
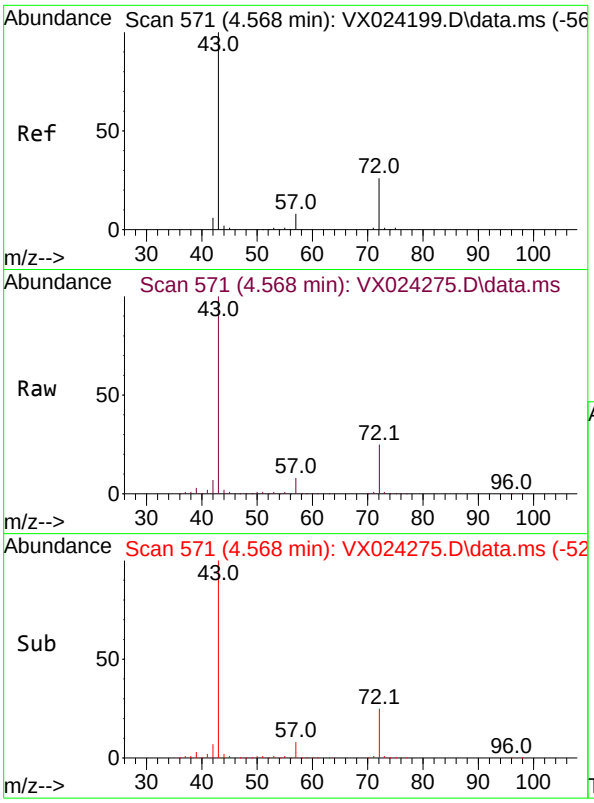


#24
1,1-Dichloroethane
Concen: 50.391 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 63 Resp: 183485

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.8	11.2
100	3.7	2.5	7.5

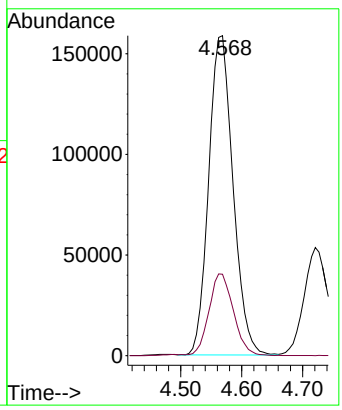




#25
2-Butanone
Concen: 260.318 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 439553

Ion	Ratio	Lower	Upper
43	100		
72	25.4	23.7	35.5



Instrument :
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ClientSampleId :
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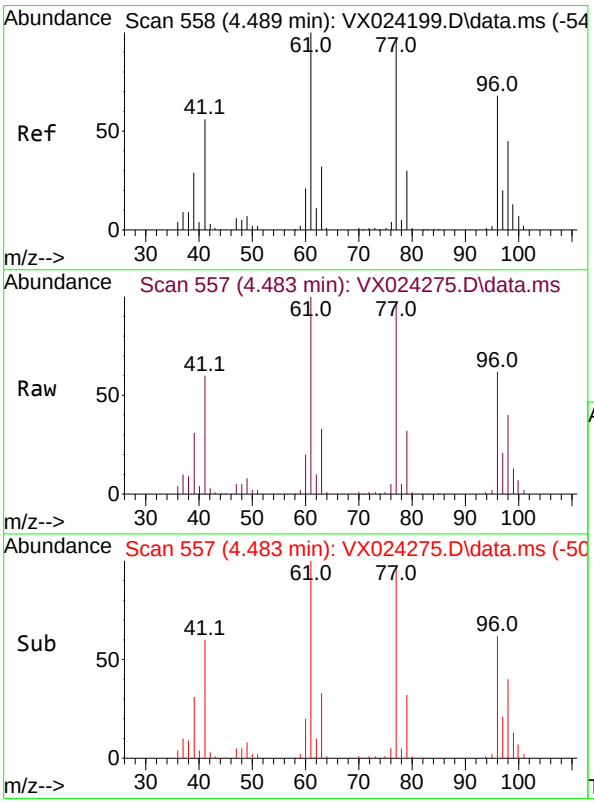
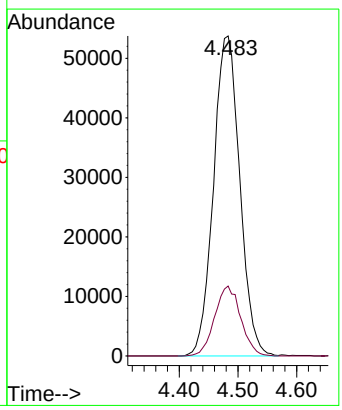
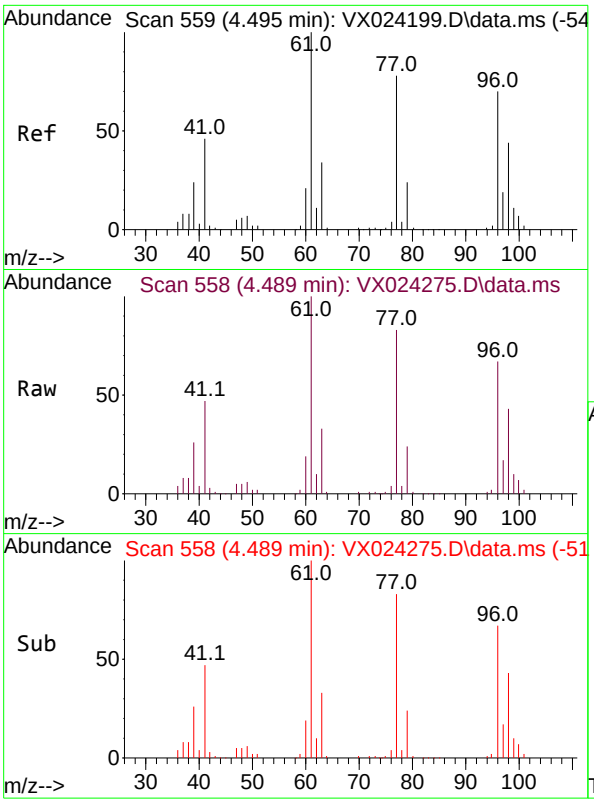


#26
2,2-Dichloropropane
Concen: 52.360 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 77 Resp: 166991

Ion	Ratio	Lower	Upper
77	100		
97	21.6	11.7	35.1

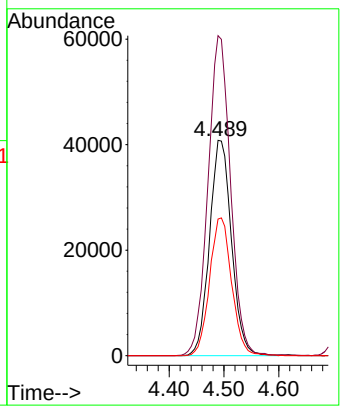


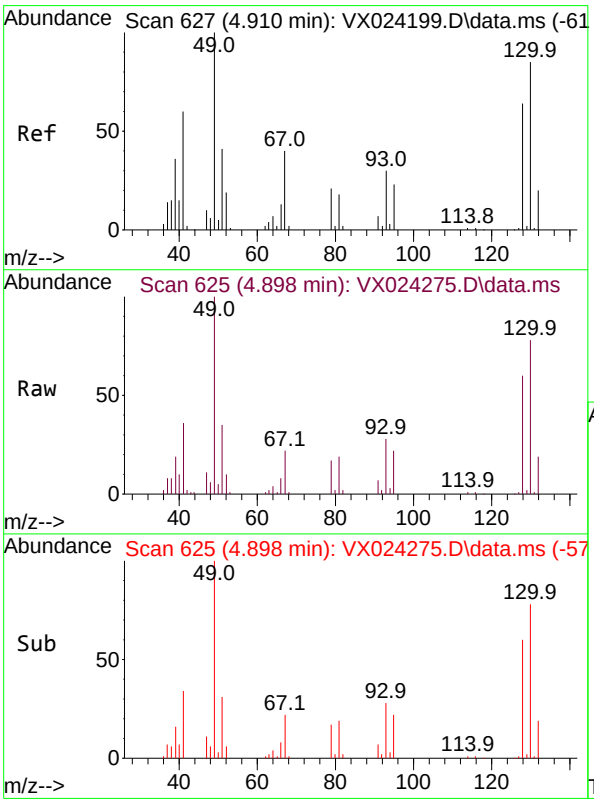


#27
cis-1,2-Dichloroethene
Concen: 51.612 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 96 Resp: 113443

Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	285.6
98	64.2	0.0	129.6

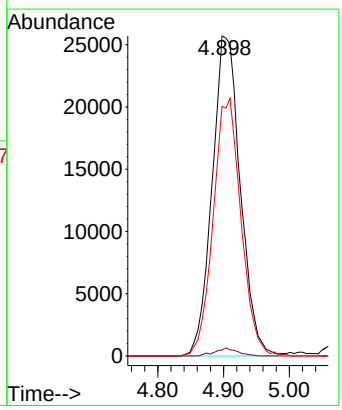




#28
Bromochloromethane
Concen: 51.661 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.012 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 49 Resp: 76646

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.2	68.2	102.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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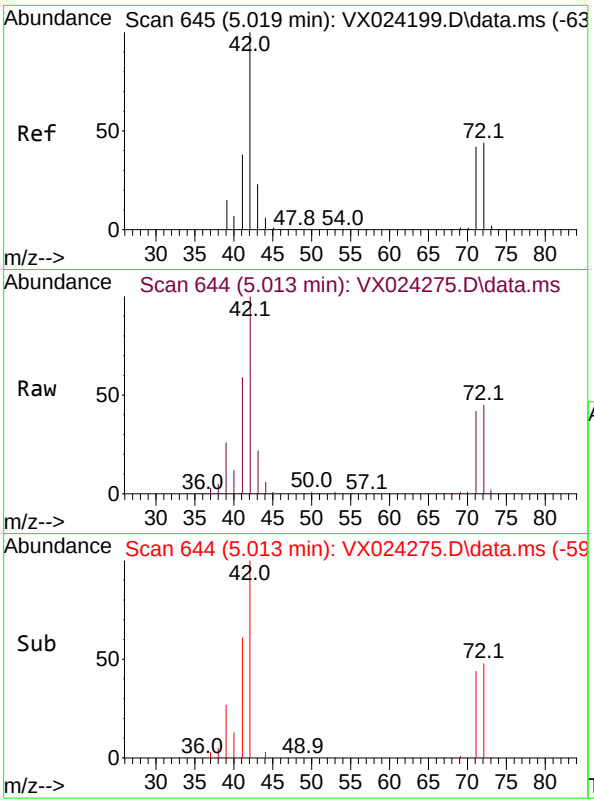
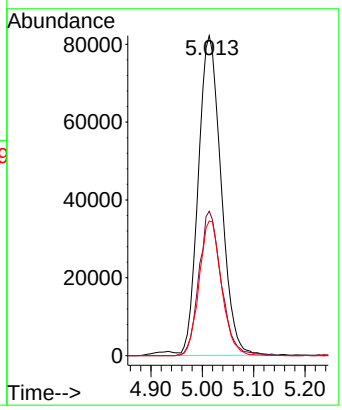


#29
Tetrahydrofuran
Concen: 239.231 ug/l
RT: 5.013 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 42 Resp: 252835

Ion	Ratio	Lower	Upper
42	100		
72	44.2	41.7	62.5
71	41.5	38.4	57.6



Instrument :
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ClientSampleId :
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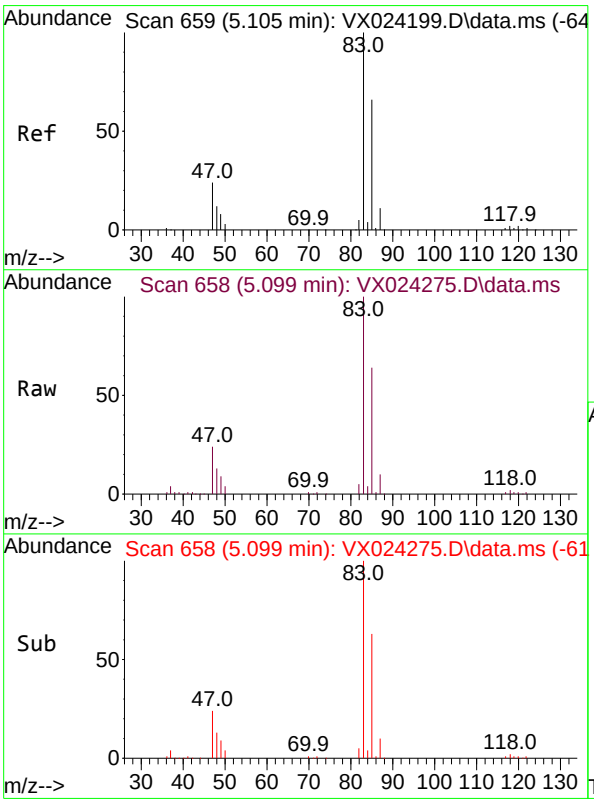
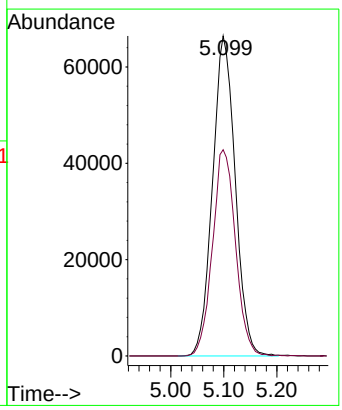
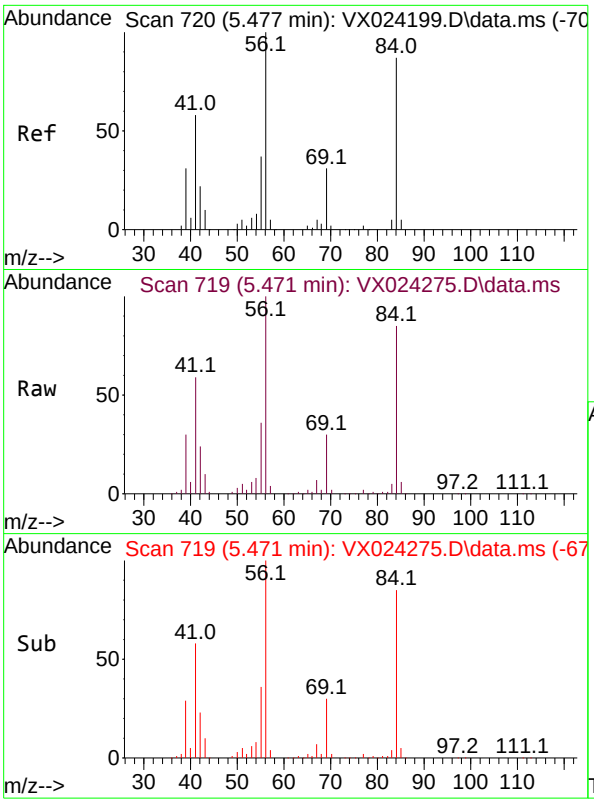


#30
Chloroform
Concen: 50.968 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 83 Resp: 197358

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0

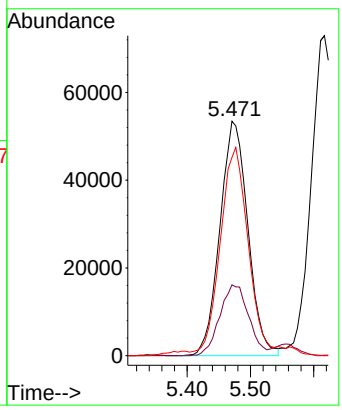




#31
Cyclohexane
Concen: 52.286 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 56 Resp: 164433

Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.3	37.9
84	83.1	71.4	107.0



Instrument :
MSVOA_X
ClientSampleId :
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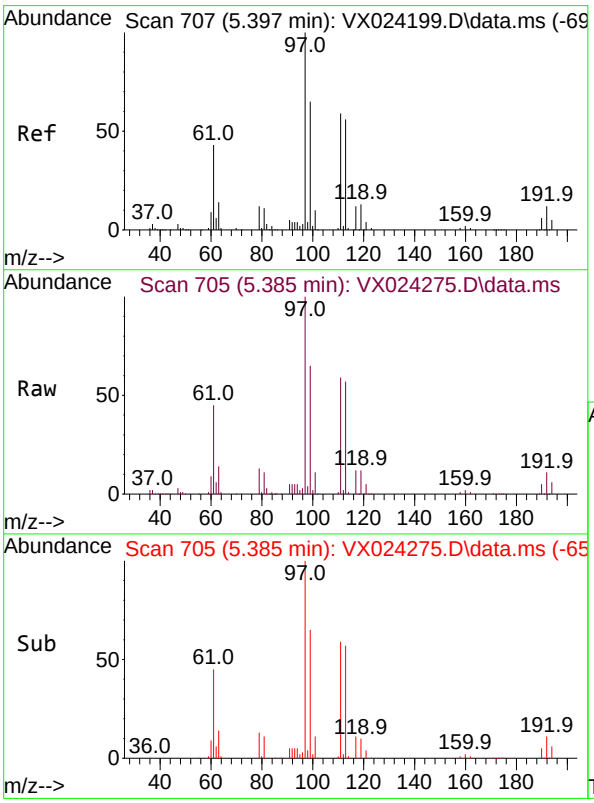
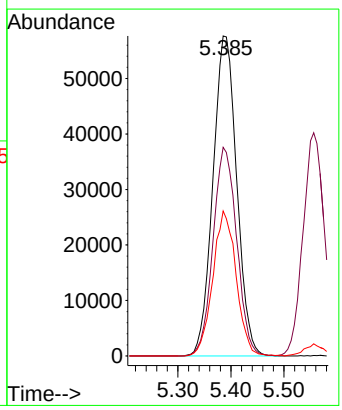
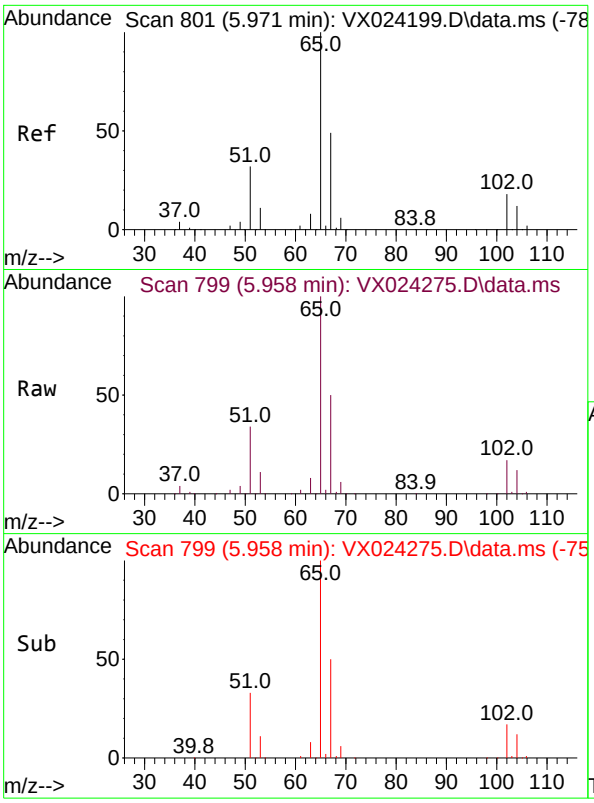


#32
1,1,1-Trichloroethane
Concen: 51.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 97 Resp: 179778

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	44.5	34.2	51.4

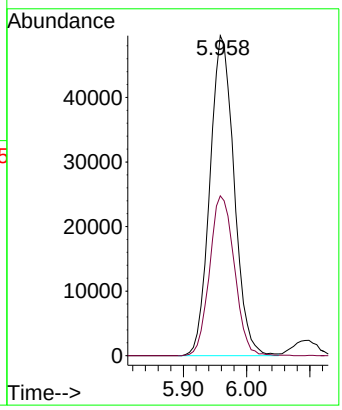




#33
1,2-Dichloroethane-d4
Concen: 48.968 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.013 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 65 Resp: 131656

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.4



Instrument :
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ClientSampleId :
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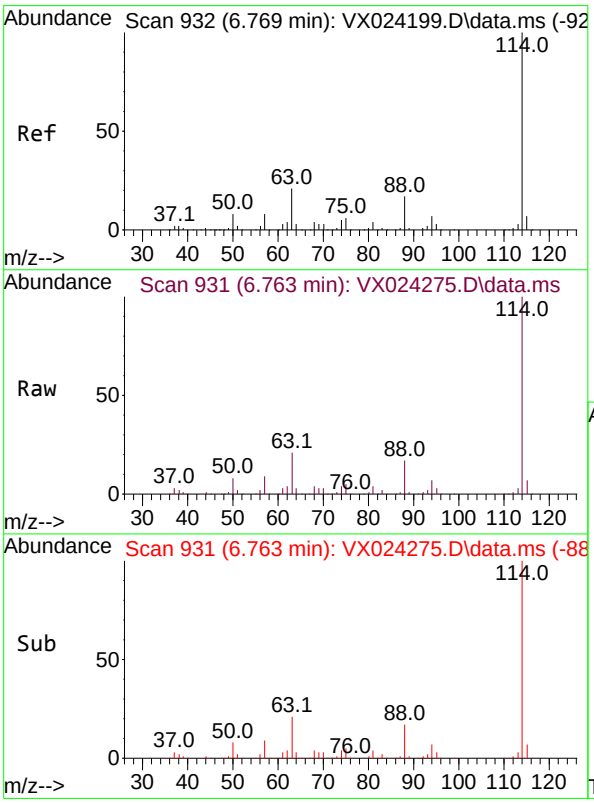
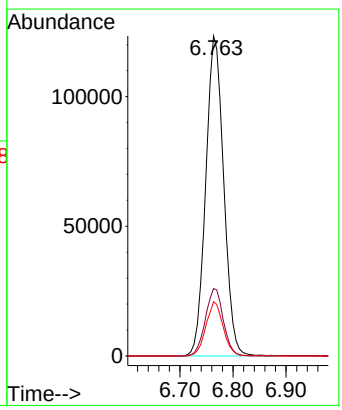
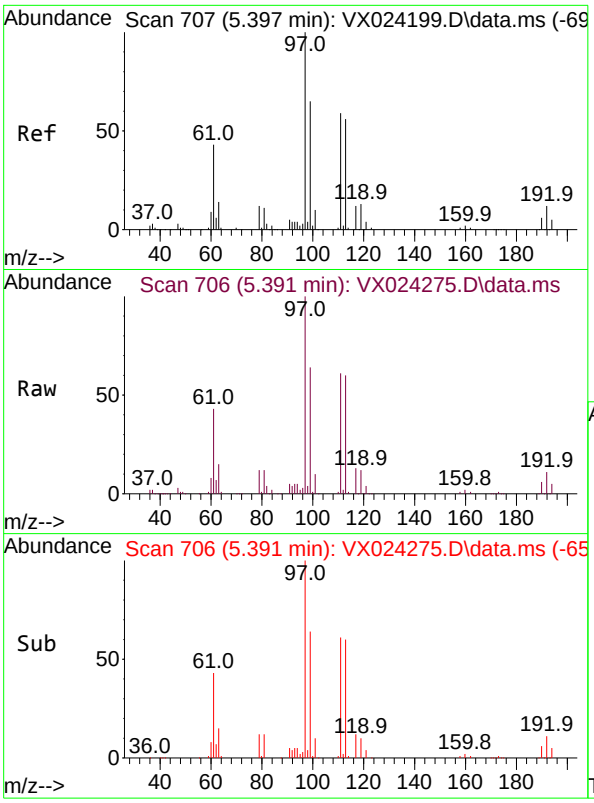


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:114 Resp: 290110

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	17.0	0.0	32.8

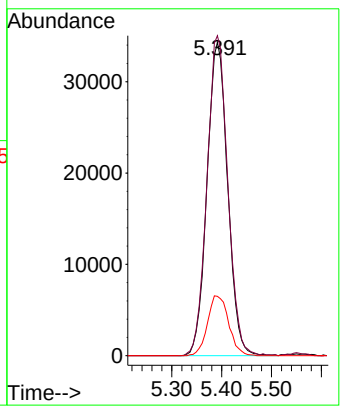


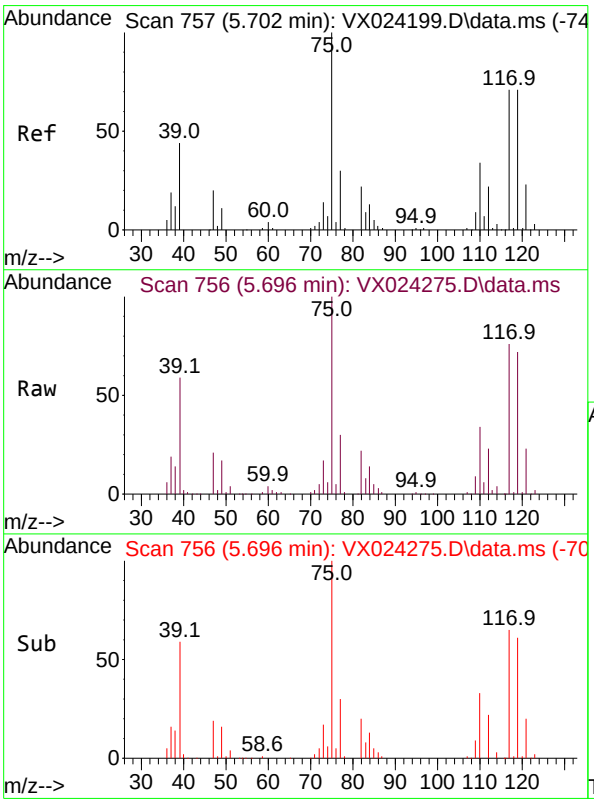


#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:113 Resp: 98658

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	19.6	16.7	25.1

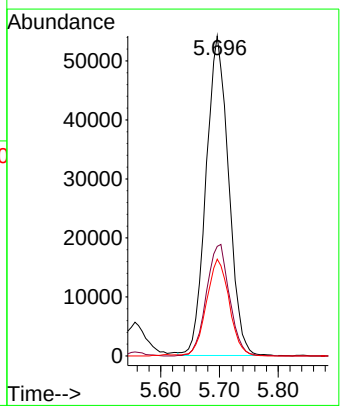




#36
1,1-Dichloropropene
Concen: 54.202 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 75 Resp: 144571

Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.4
77	30.7	25.3	37.9



Instrument :
MSVOA_X
ClientSampleId :
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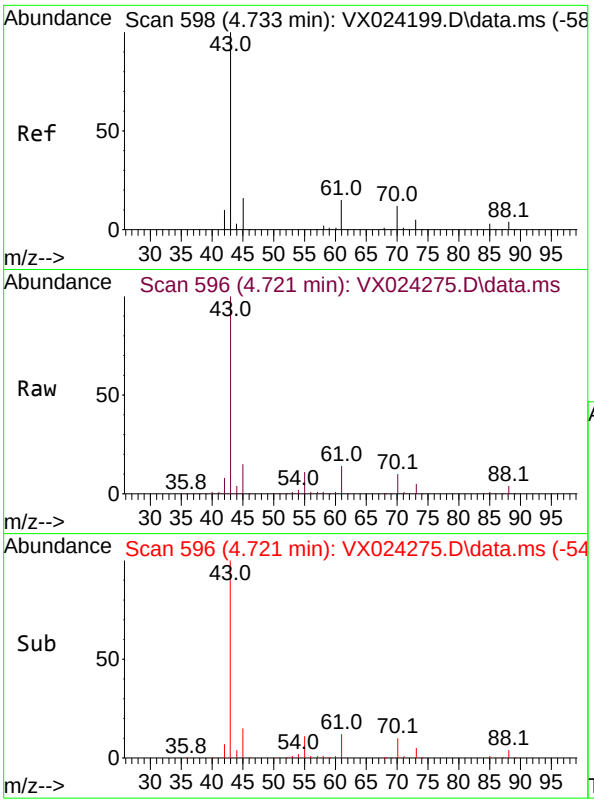
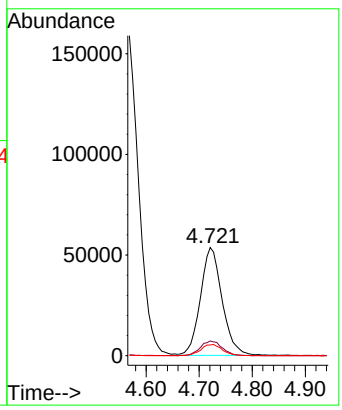


#37
Ethyl Acetate
Concen: 49.037 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.012 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 152404

Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.8	19.2
70	10.3	10.5	15.7#



Instrument :
MSVOA_X
ClientSampleId :
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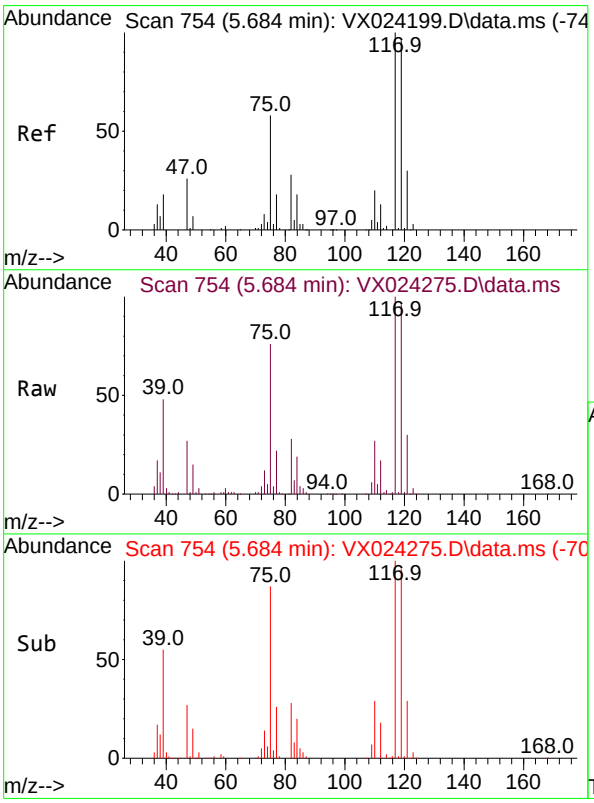
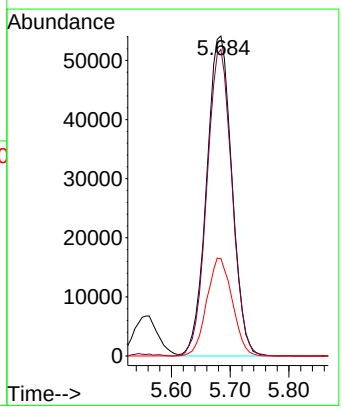
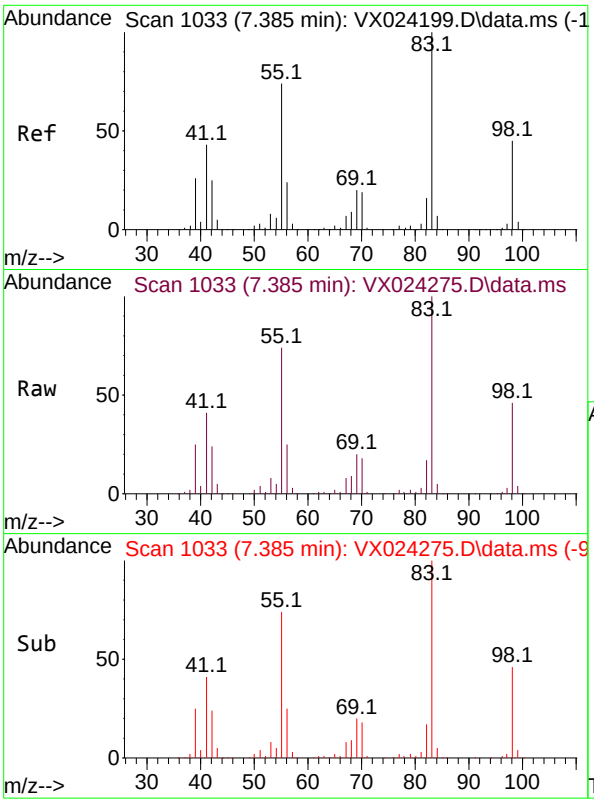


#38
Carbon Tetrachloride
Concen: 53.927 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:117 Resp: 161893

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.2
121	30.4	24.8	37.2

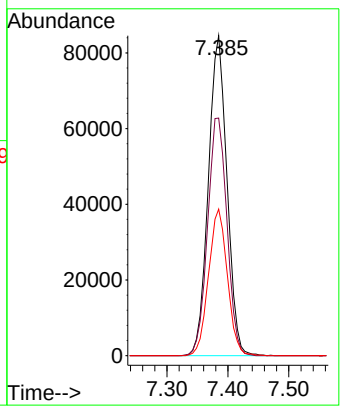




#39
Methylcyclohexane
Concen: 56.339 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 83 Resp: 179410

Ion	Ratio	Lower	Upper
83	100		
55	74.2	58.9	88.3
98	45.8	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
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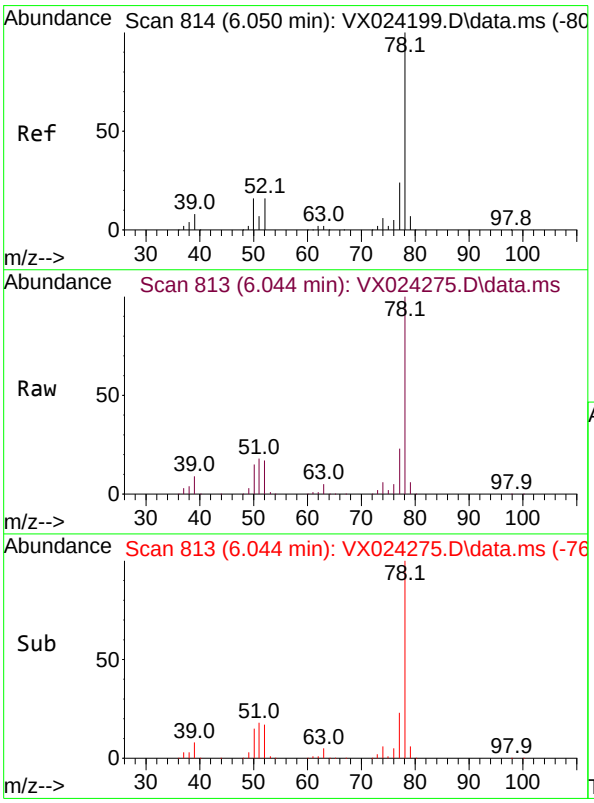
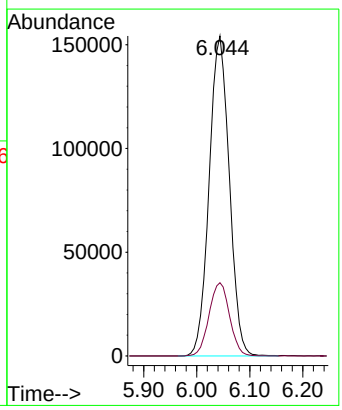
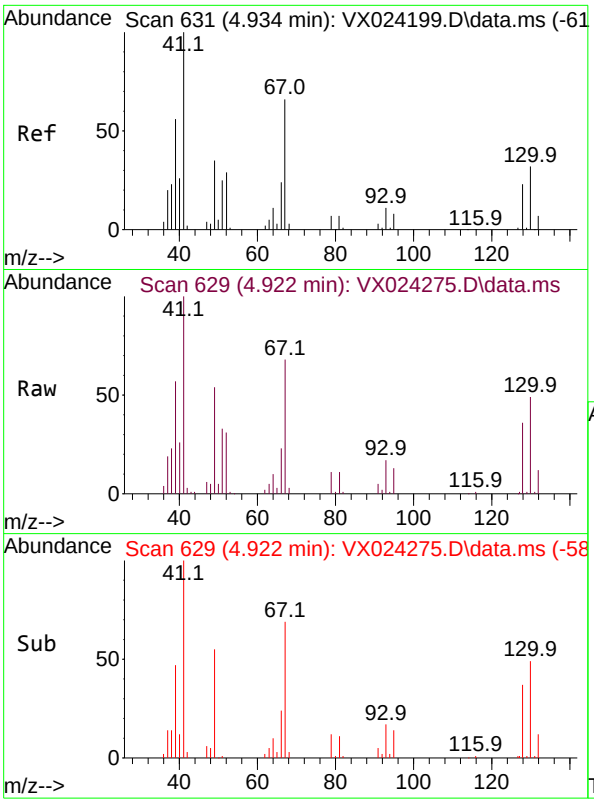


#40
Benzene
Concen: 53.156 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 78 Resp: 406650

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.9	28.3

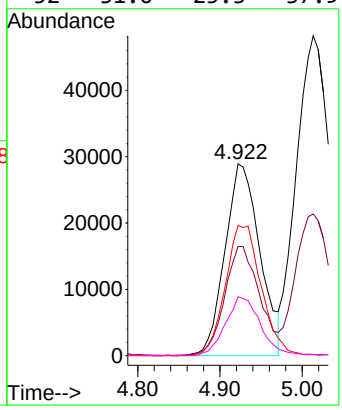


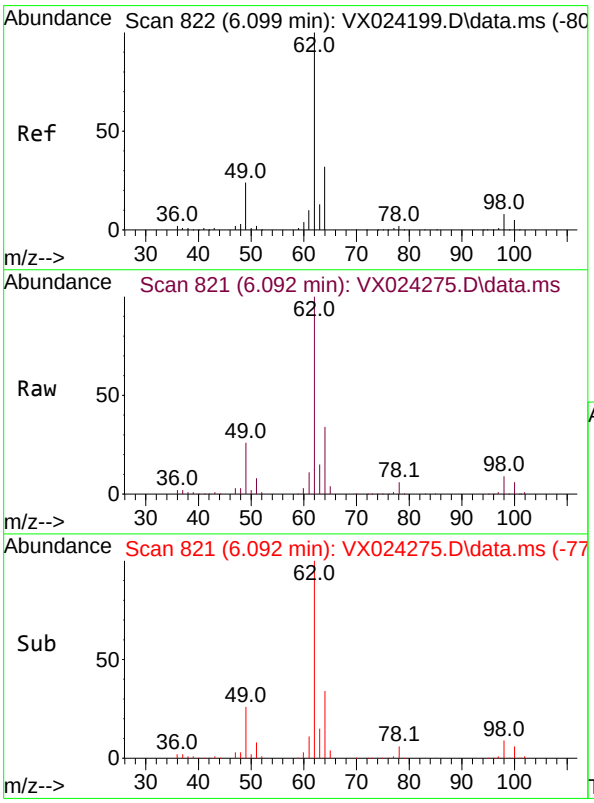


#41
Methacrylonitrile
Concen: 51.675 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.012 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 41 Resp: 85648

Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.5	63.7
67	69.8	65.0	97.6
52	31.0	25.3	37.9

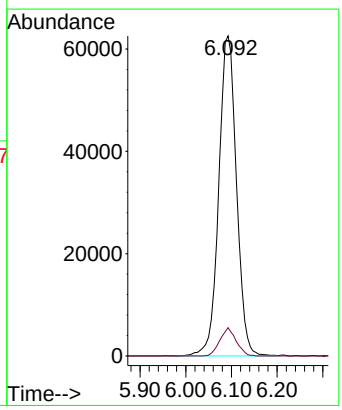




#42
1,2-Dichloroethane
Concen: 52.828 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.007 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 62 Resp: 168523

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	20.2



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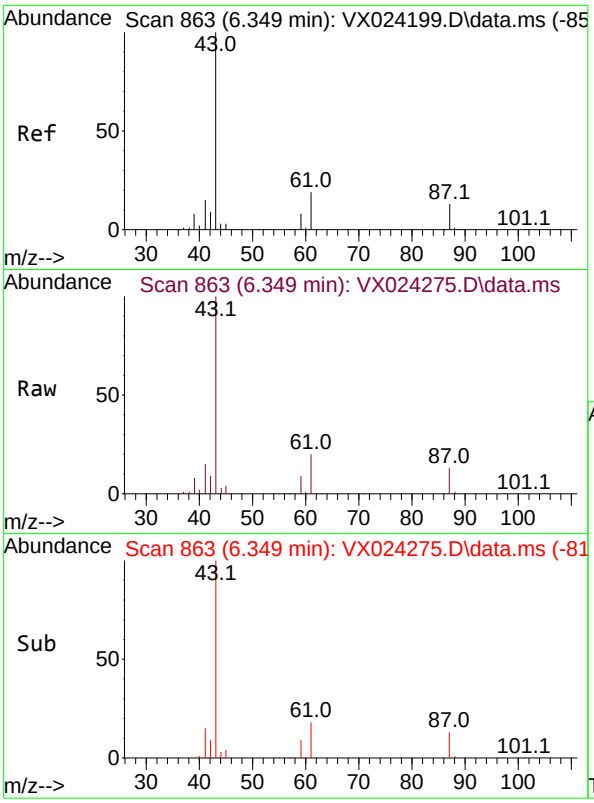
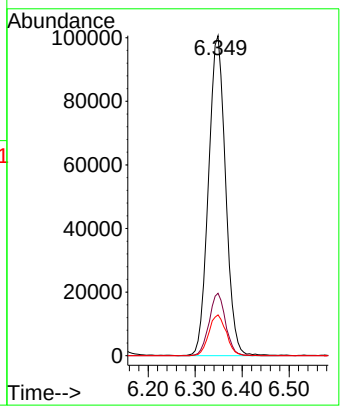


#43
Isopropyl Acetate
Concen: 51.238 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 253494

Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	13.0	12.5	18.7



Instrument :
MSVOA_X
ClientSampleId :
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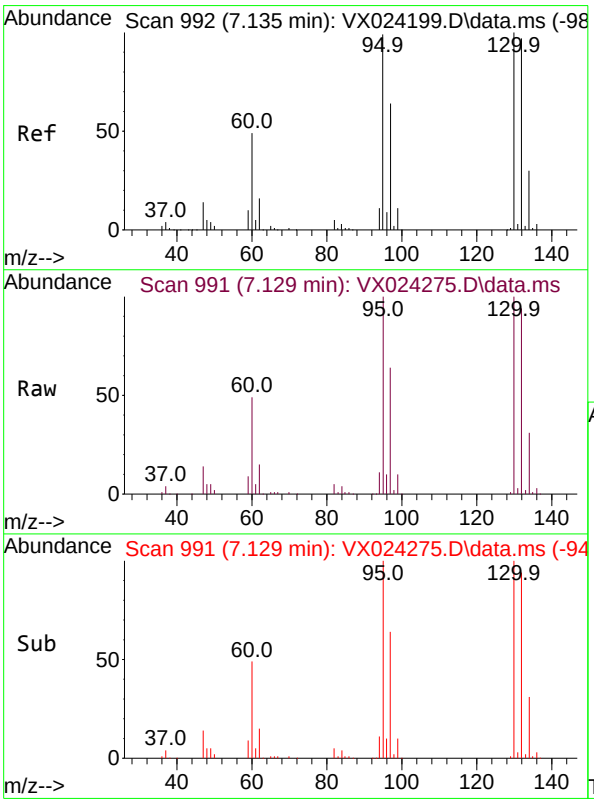
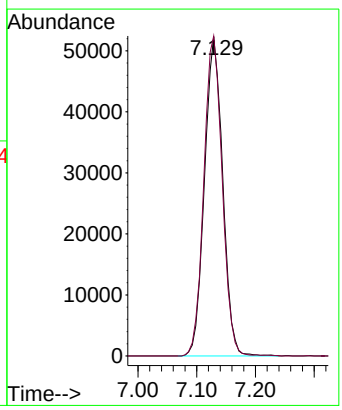
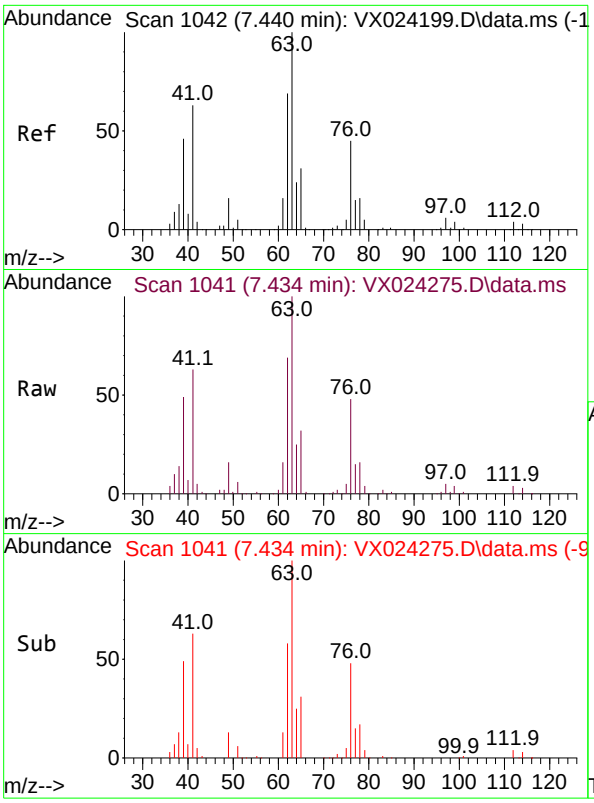


#44
Trichloroethene
Concen: 52.365 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:130 Resp: 112554

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	198.0

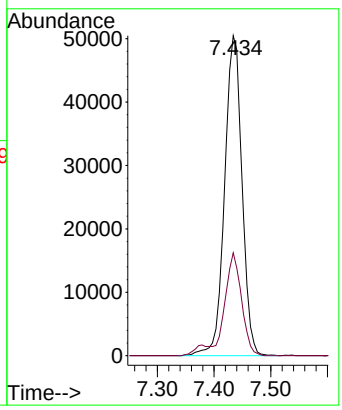




#45
1,2-Dichloropropane
Concen: 53.214 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 63 Resp: 107445

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5



Instrument :
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ClientSampleId :
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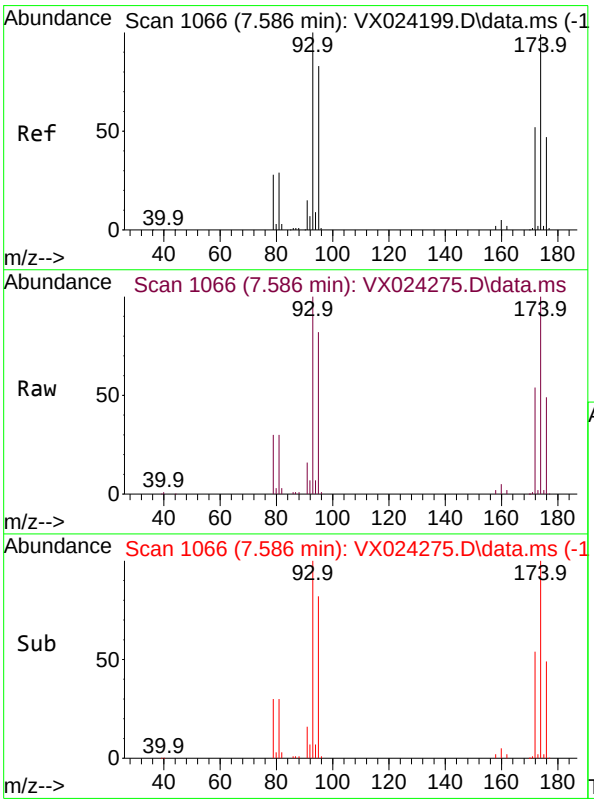
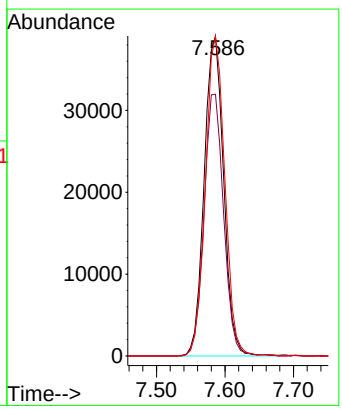
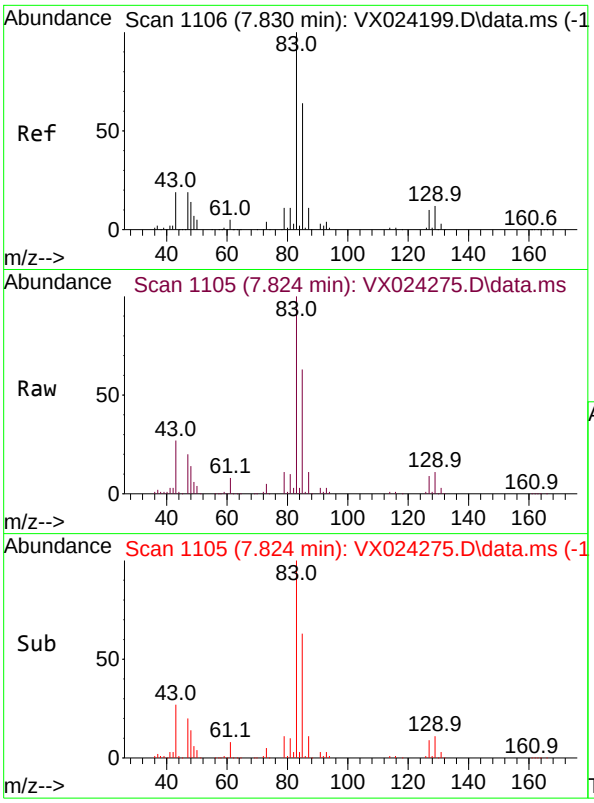


#46
Dibromomethane
Concen: 52.126 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 93 Resp: 77040

Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.8	100.2
174	99.6	83.1	124.7

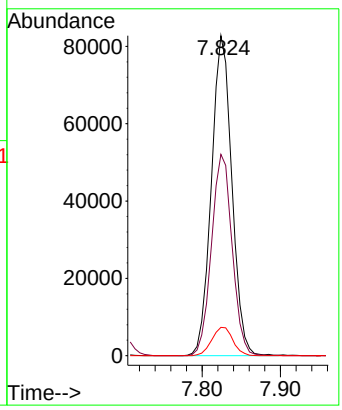




#47
Bromodichloromethane
Concen: 54.610 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 83 Resp: 150079

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	8.9	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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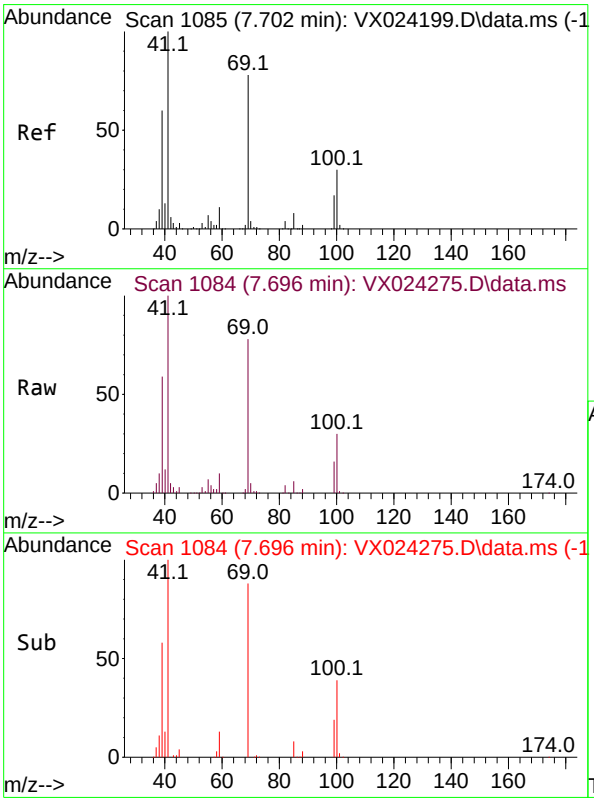
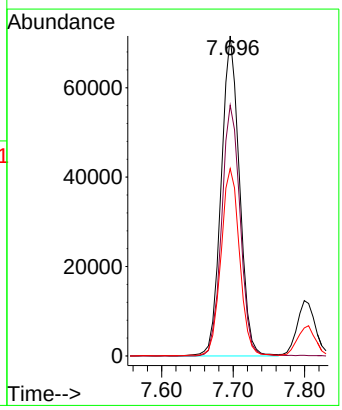
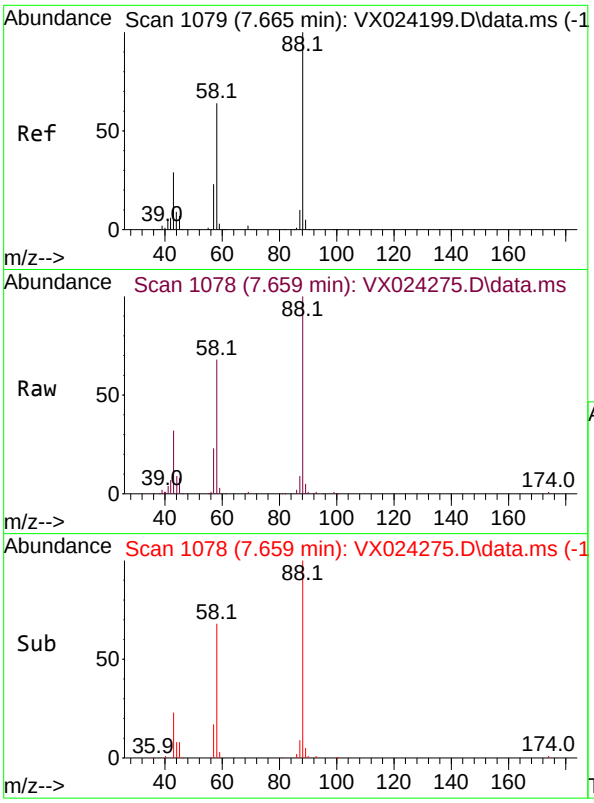


#48
Methyl methacrylate
Concen: 51.559 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 41 Resp: 127272

Ion	Ratio	Lower	Upper
41	100		
69	79.1	76.0	114.0
39	59.1	44.6	67.0

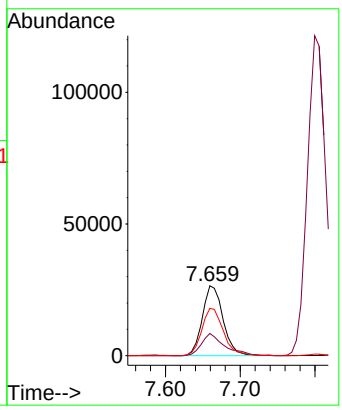




#49
1,4-Dioxane
Concen: 985.294 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 88 Resp: 50927

Ion	Ratio	Lower	Upper
88	100		
43	35.5	23.2	34.8#
58	70.8	55.0	82.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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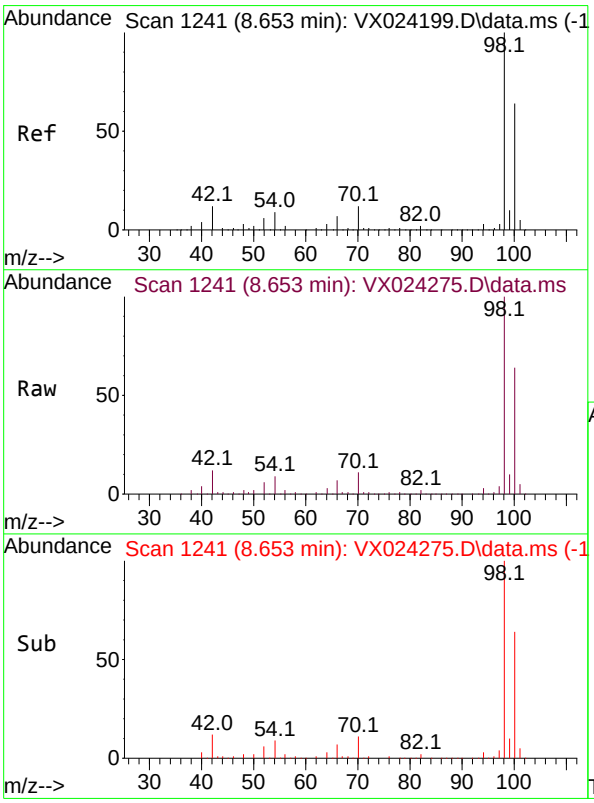
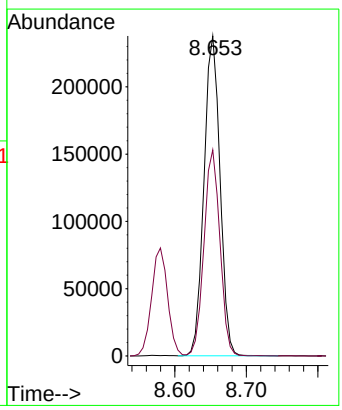
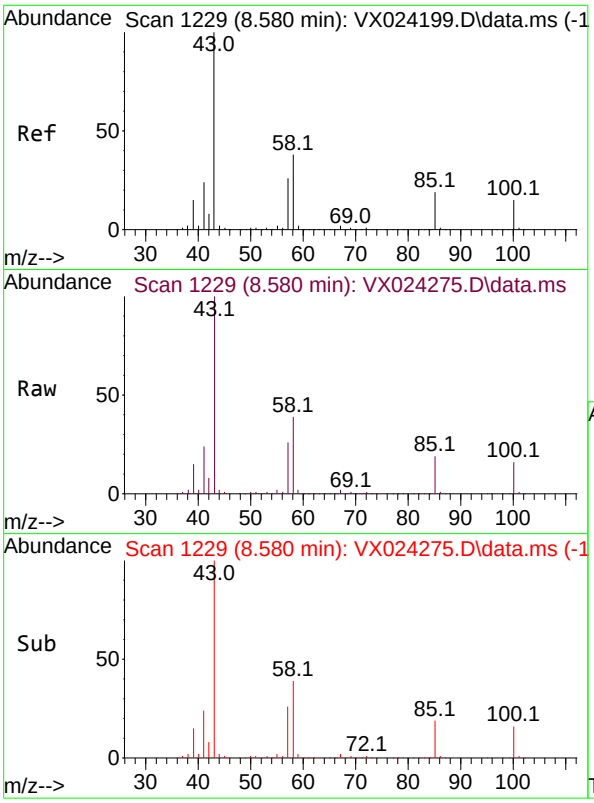


#50
Toluene-d8
Concen: 52.302 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 98 Resp: 370700

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9

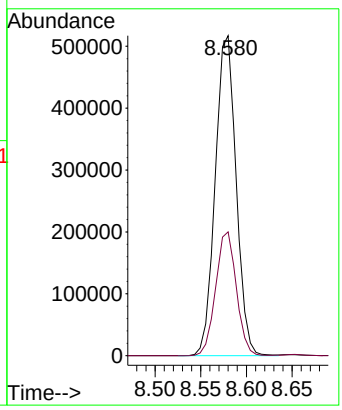




#51
4-Methyl-2-Pentanone
Concen: 261.220 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 823521

Ion	Ratio	Lower	Upper
43	100		
58	38.3	35.4	53.0



Instrument :
MSVOA_X
ClientSampleId :
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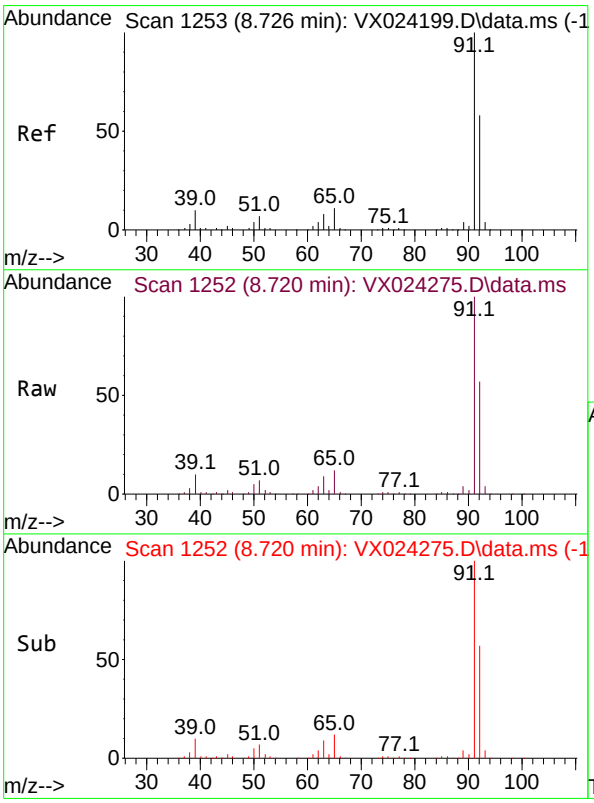
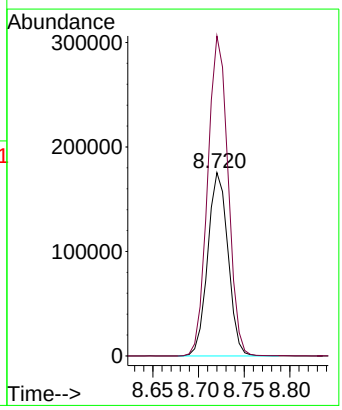
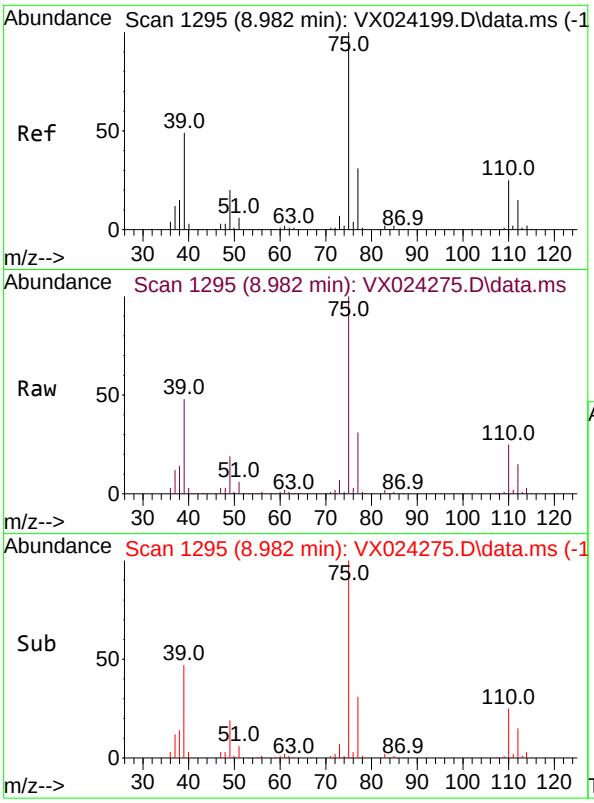


#52
Toluene
Concen: 53.944 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 92 Resp: 270474

Ion	Ratio	Lower	Upper
92	100		
91	175.4	137.1	205.7

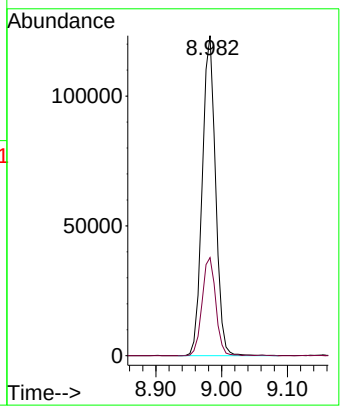


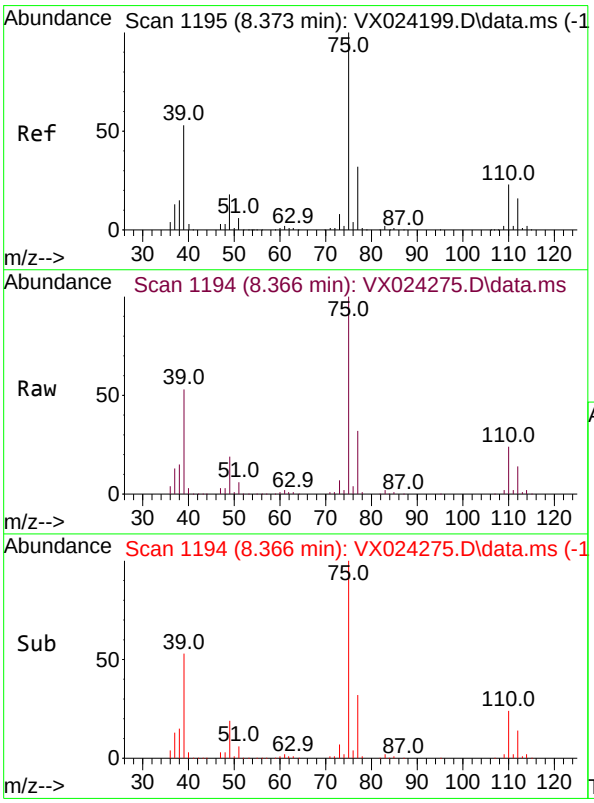


#53
t-1,3-Dichloropropene
Concen: 55.481 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 75 Resp: 172913

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.9	37.3

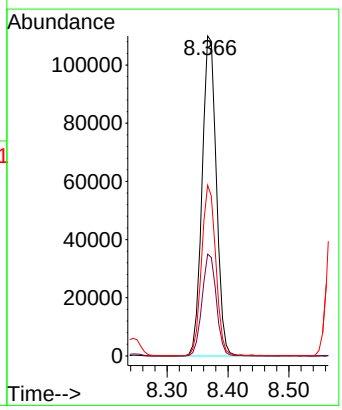




#54
cis-1,3-Dichloropropene
Concen: 55.489 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.007 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 75 Resp: 178963

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	53.3	35.1	52.7#



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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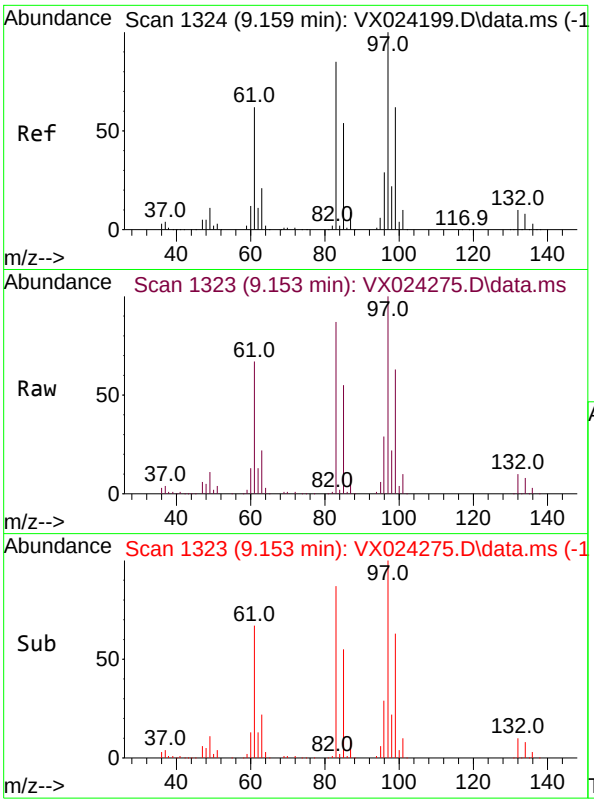
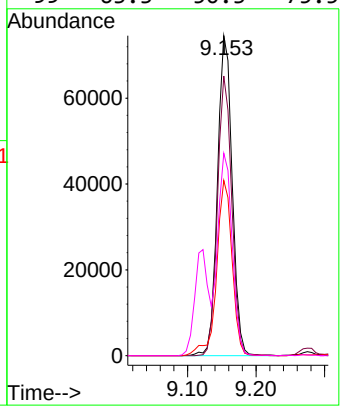
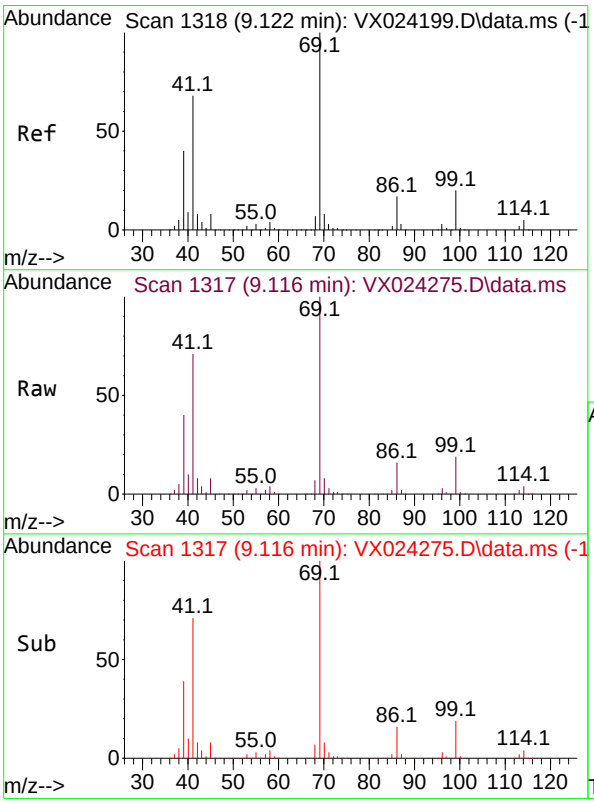


#55
1,1,2-Trichloroethane
Concen: 51.836 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 97 Resp: 110687

Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.3	103.9
85	54.8	44.3	66.5
99	63.3	50.3	75.5

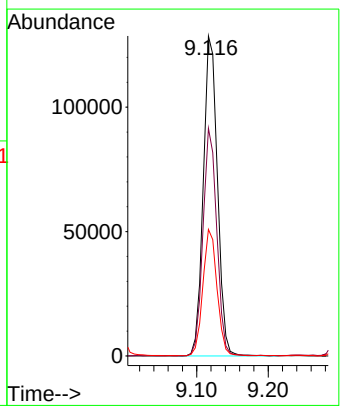




#56
Ethyl methacrylate
Concen: 49.684 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 69 Resp: 177066

Ion	Ratio	Lower	Upper
69	100		
41	69.5	46.8	70.2
39	39.3	24.7	37.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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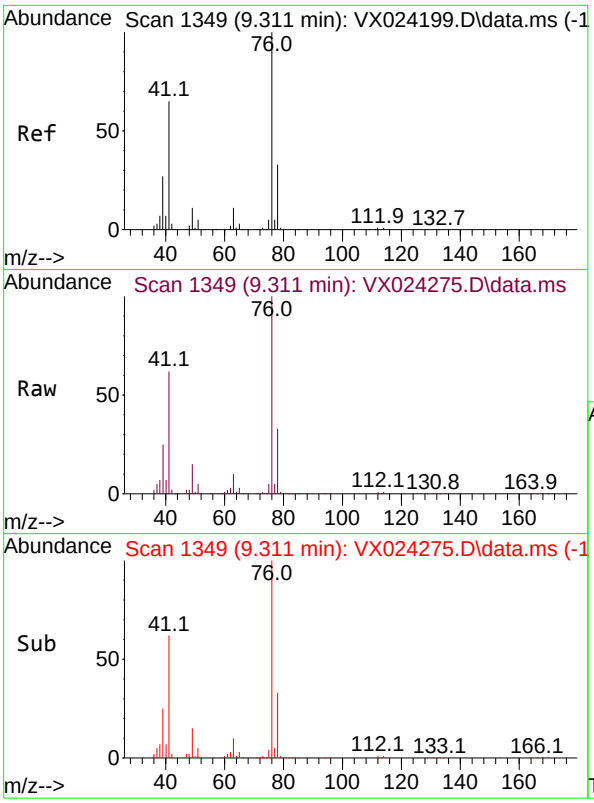
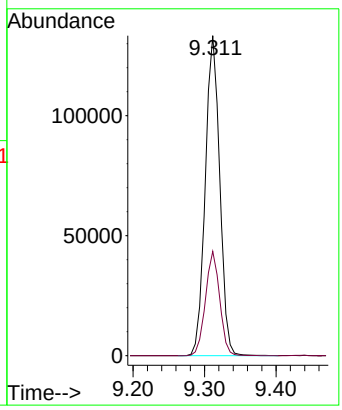


#57
1,3-Dichloropropane
Concen: 53.898 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 76 Resp: 187434

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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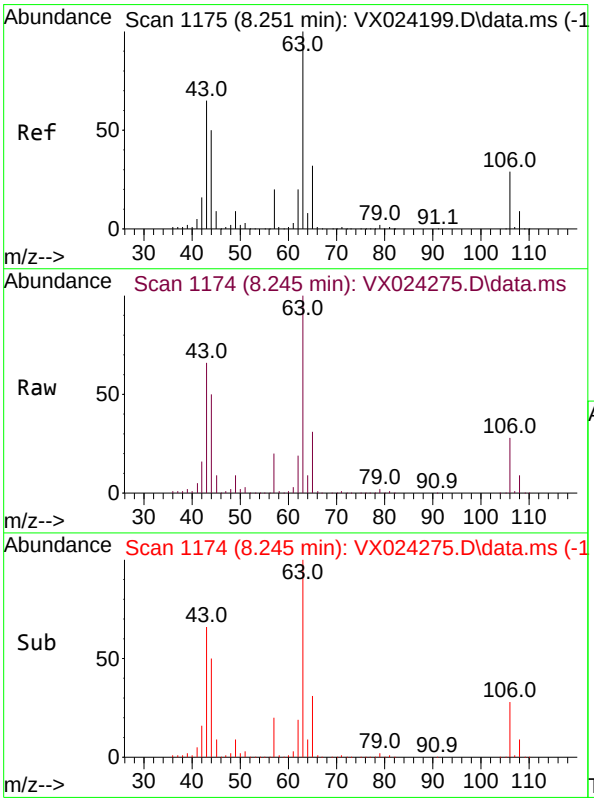
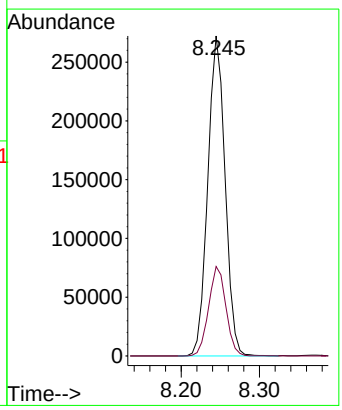
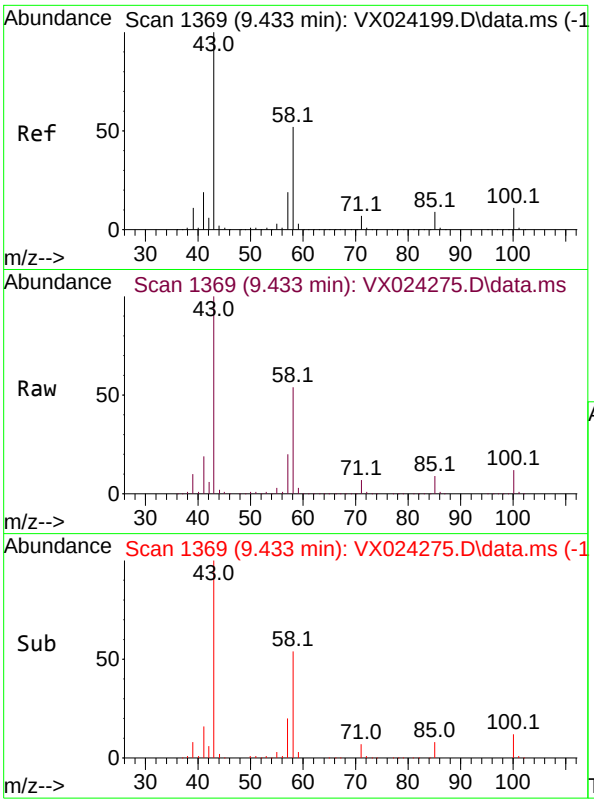


#58
2-Chloroethyl Vinyl ether
Concen: 269.948 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 63 Resp: 417151

Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.5	35.3

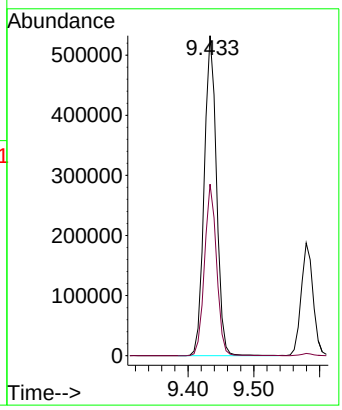




#59
2-Hexanone
Concen: 281.174 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 690704

Ion	Ratio	Lower	Upper
43	100		
58	52.7	30.9	92.8



Instrument :
MSVOA_X
ClientSampleId :
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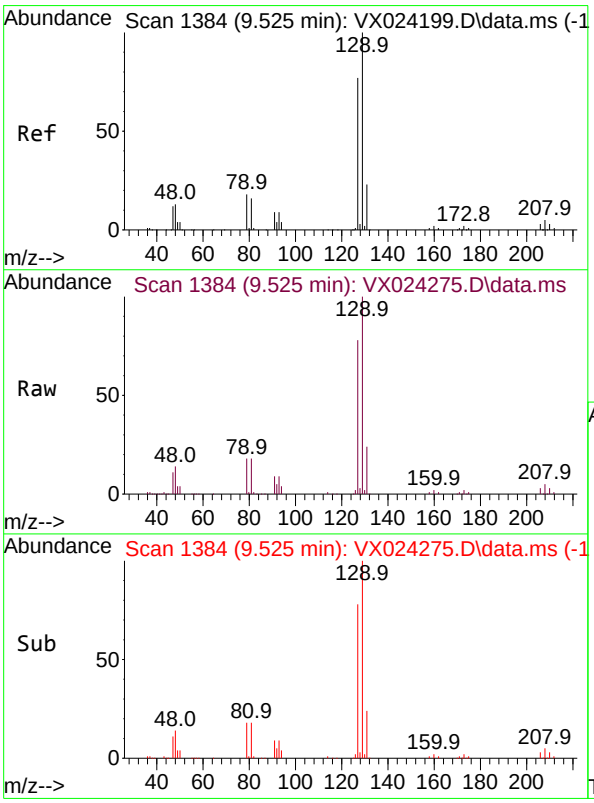
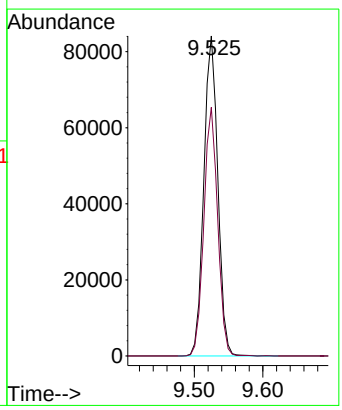
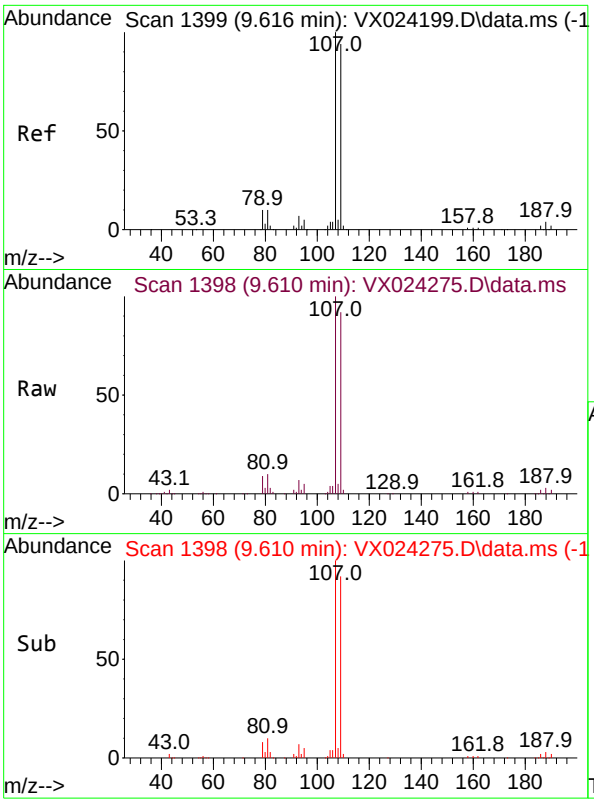


#60
Dibromochloromethane
Concen: 49.409 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:129 Resp: 119599

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2

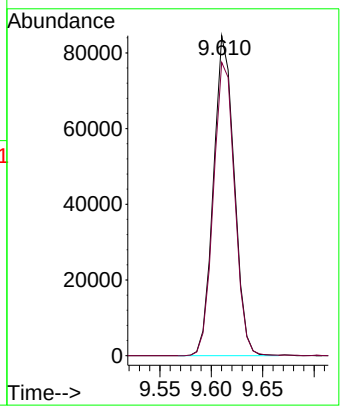




#61
1,2-Dibromoethane
Concen: 52.004 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:107 Resp: 118324

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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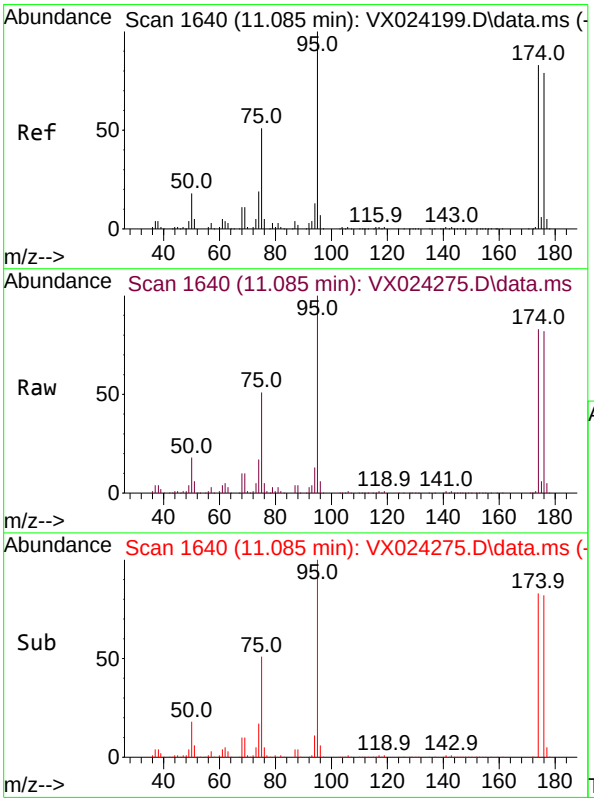
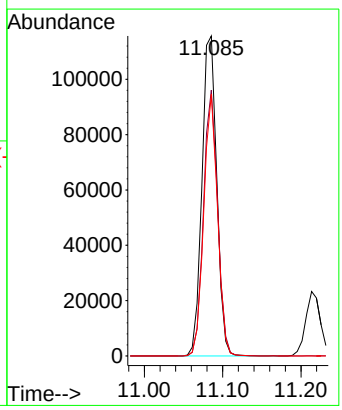
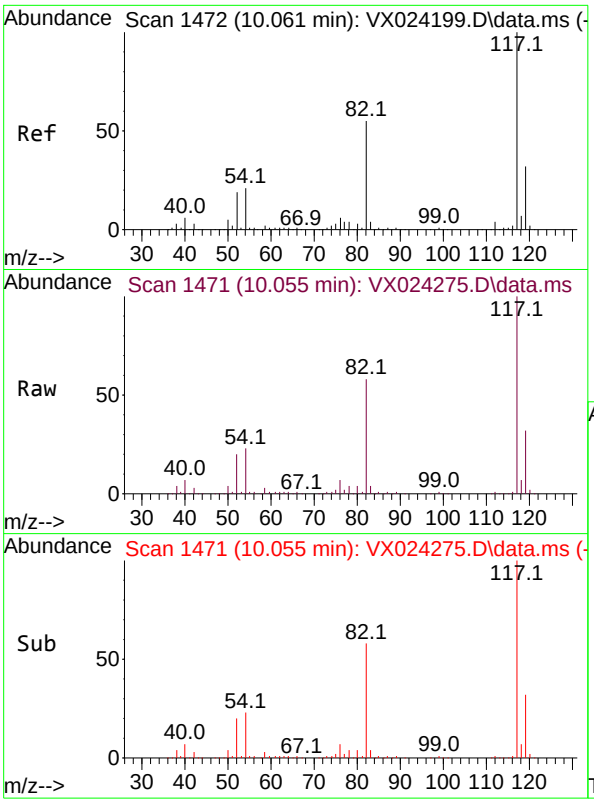


#62
4-Bromofluorobenzene
Concen: 54.874 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 95 Resp: 151360

Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	154.6
176	76.4	0.0	155.8

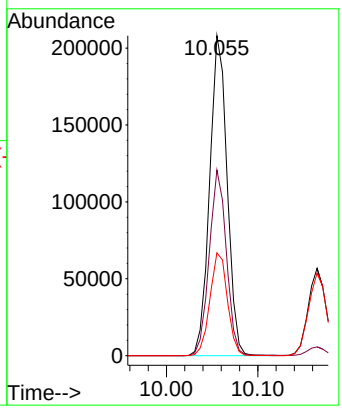




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:117 Resp: 275775

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	32.1	26.6	39.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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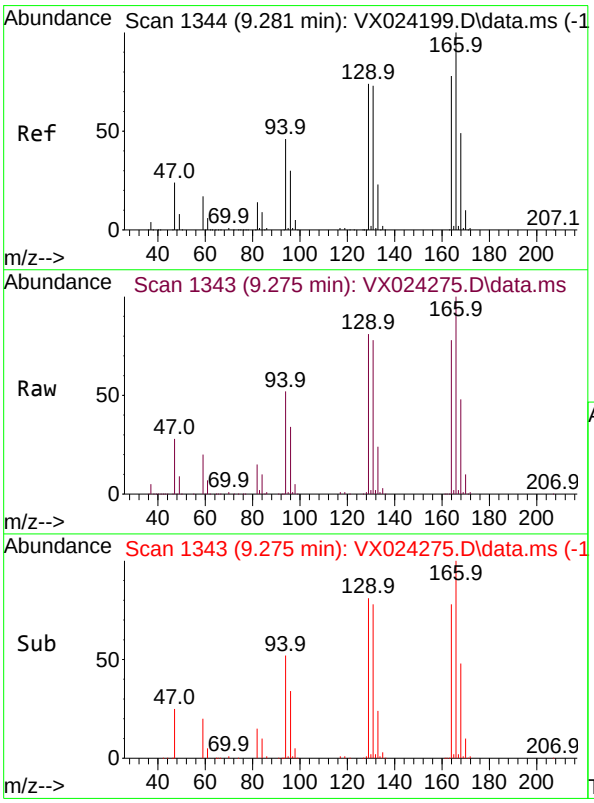
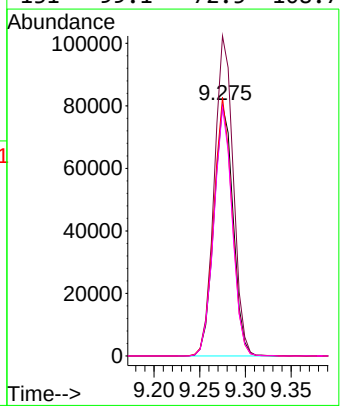
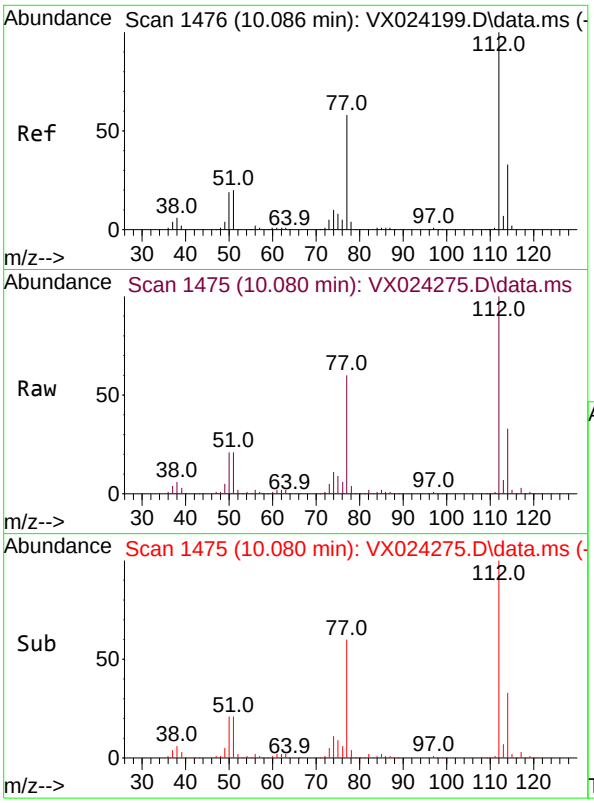


#64
Tetrachloroethene
Concen: 54.526 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:164 Resp: 116489

Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.4	155.2
129	103.1	70.8	106.2
131	99.1	72.5	108.7

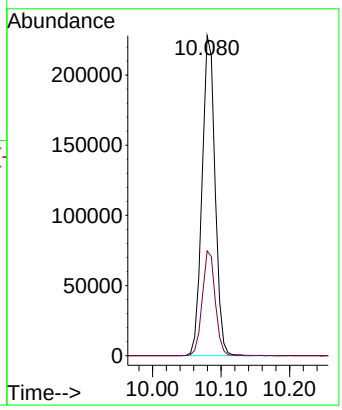


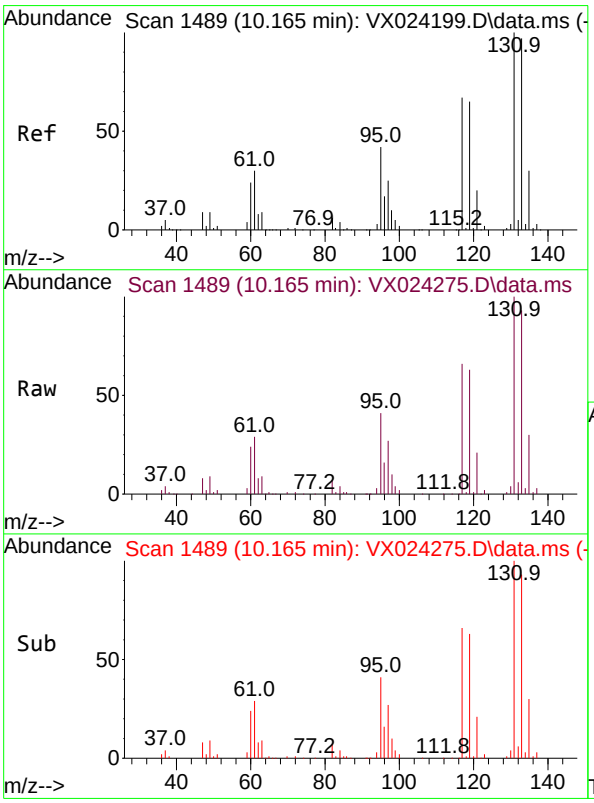


#65
Chlorobenzene
Concen: 53.128 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:112 Resp: 301428

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.6

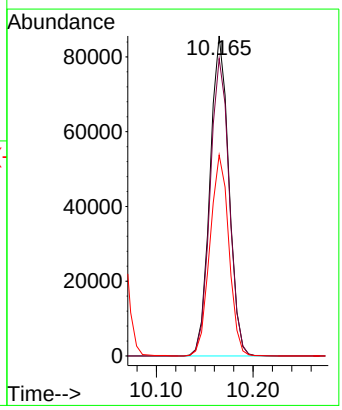




#66
1,1,1,2-Tetrachloroethane
Concen: 55.120 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:131 Resp: 115903

Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.7	143.1
119	63.1	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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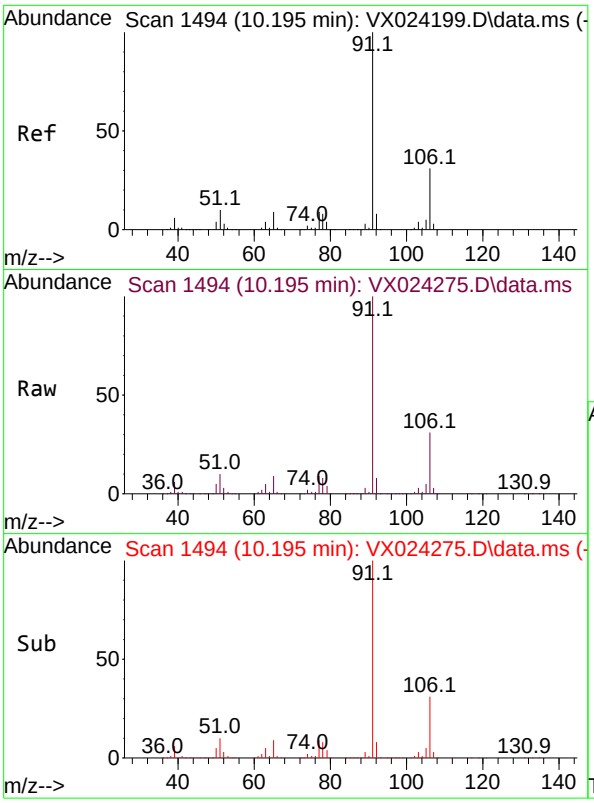
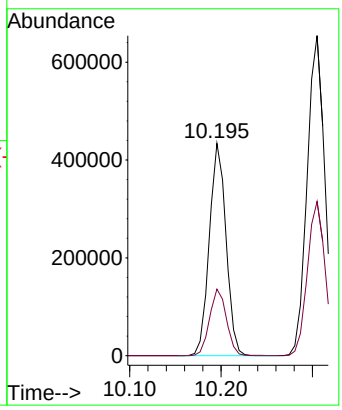


#67
Ethyl Benzene
Concen: 55.467 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 91 Resp: 550509

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	37.0



Instrument :
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ClientSampleId :
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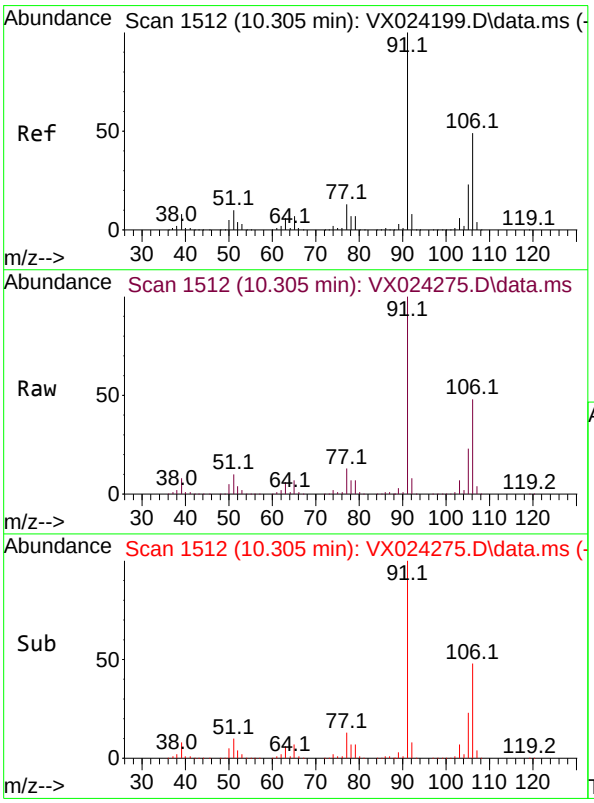
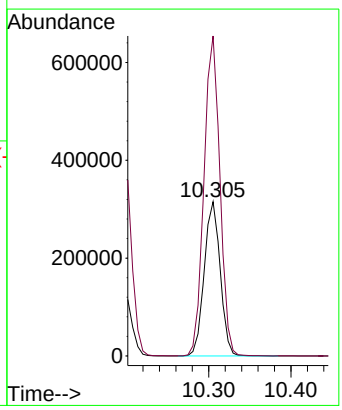


#68
m/p-Xylenes
Concen: 112.070 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:106 Resp: 425836

Ion	Ratio	Lower	Upper
106	100		
91	207.2	162.8	244.2



Instrument :
MSVOA_X
ClientSampleId :
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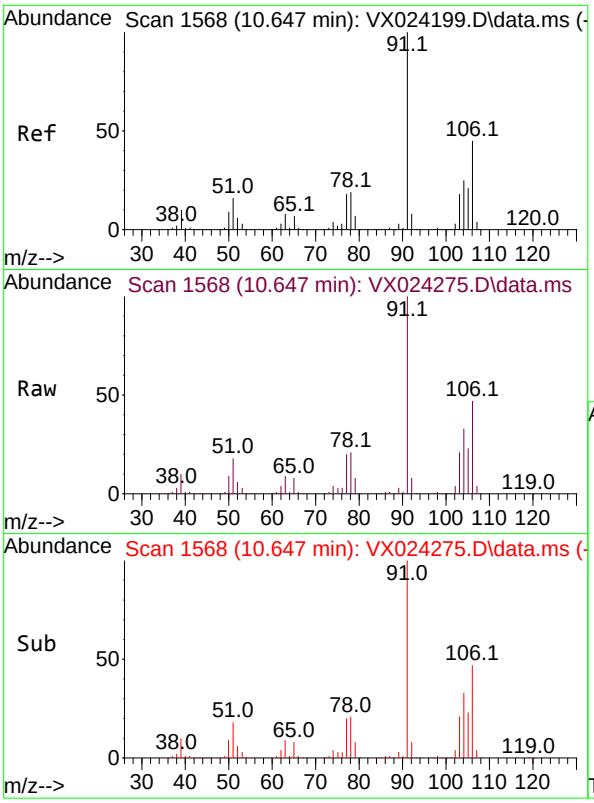
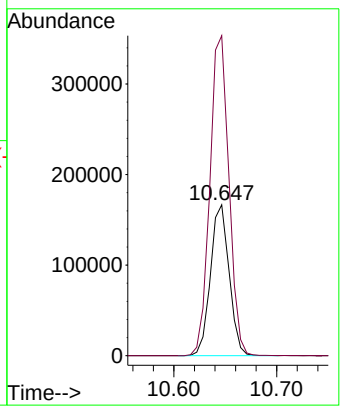
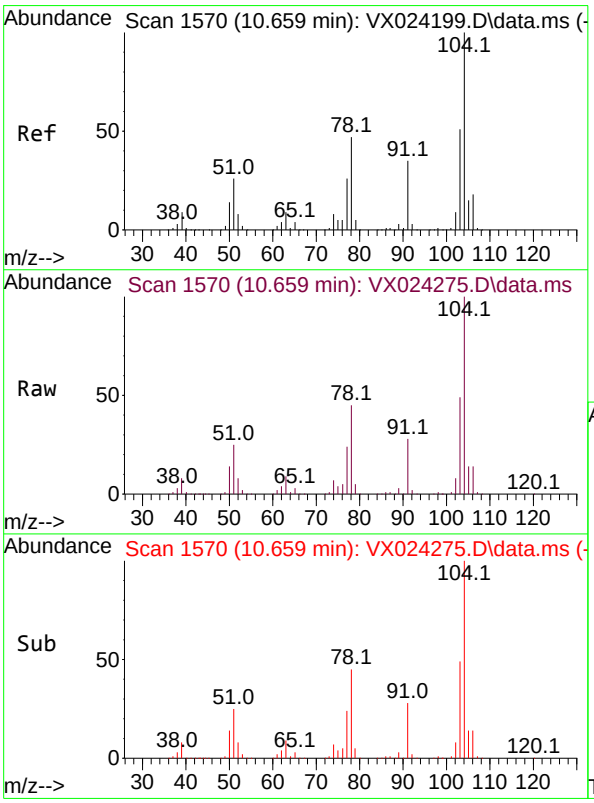


#69
o-Xylene
Concen: 55.335 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:106 Resp: 209884

Ion	Ratio	Lower	Upper
106	100		
91	216.9	108.1	324.2

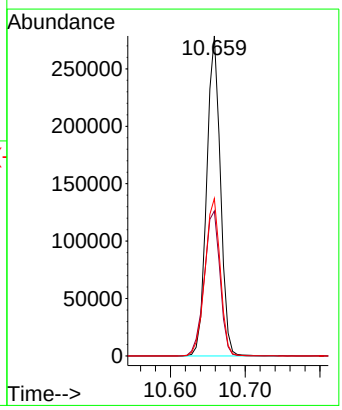


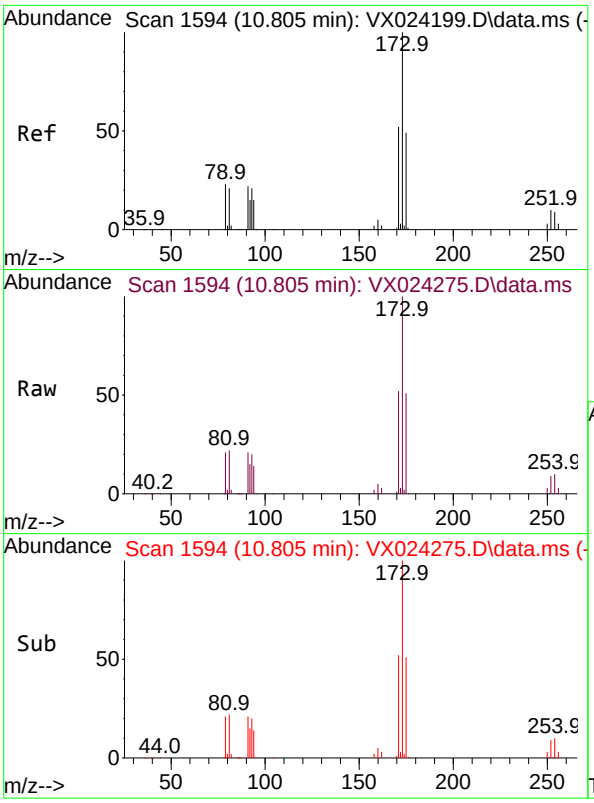


#70
Styrene
Concen: 57.721 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:104 Resp: 355159

Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.0	60.0
103	54.5	43.4	65.0

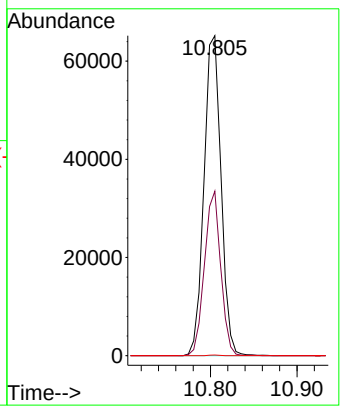




#71
Bromoform
Concen: 50.863 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:173 Resp: 89276

Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.8
254	0.1	0.1	0.1#



Instrument :
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ClientSampleId :
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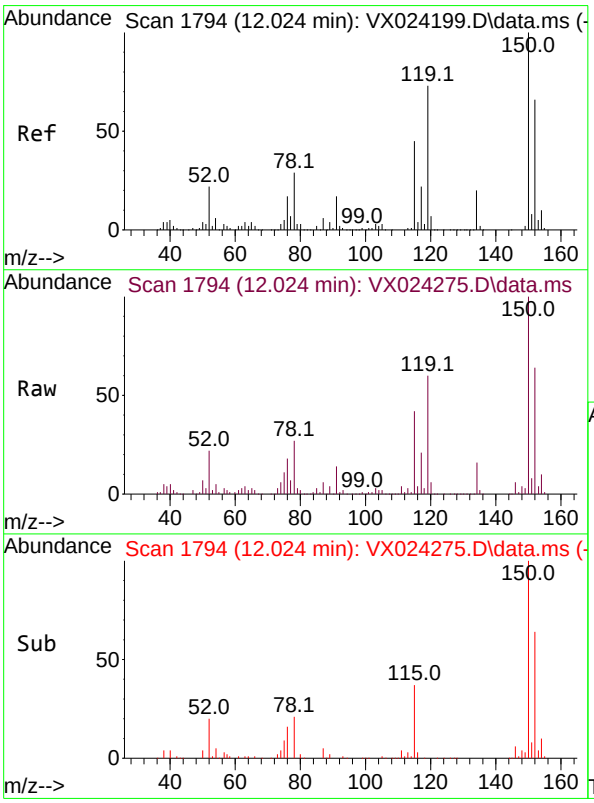
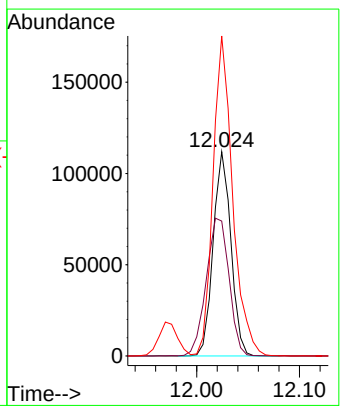
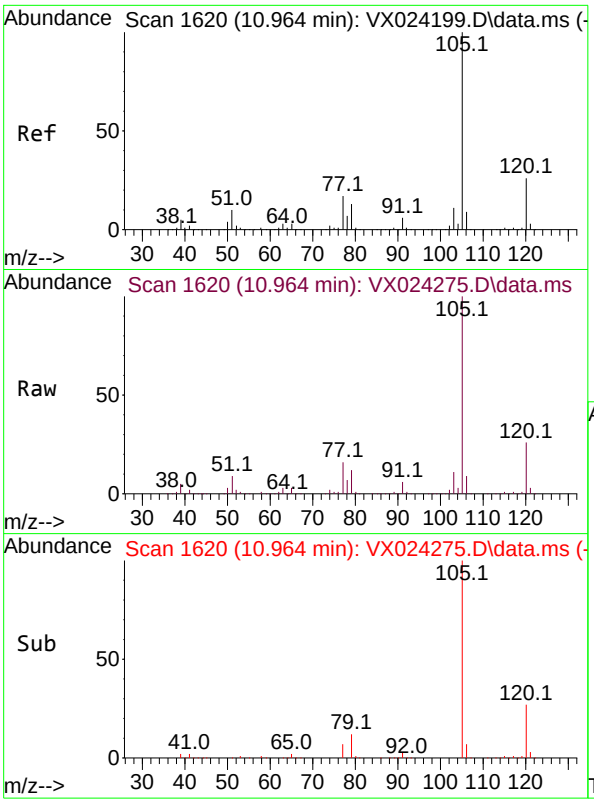


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:152 Resp: 133603

Ion	Ratio	Lower	Upper
152	100		
115	87.1	41.1	123.3
150	173.6	0.0	349.0

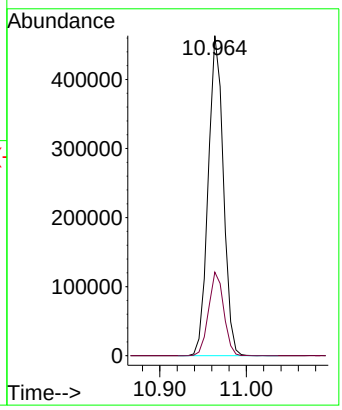




#73
Isopropylbenzene
Concen: 56.519 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:105 Resp: 562313

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6



Instrument :
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ClientSampleId :
VSTDCCC050

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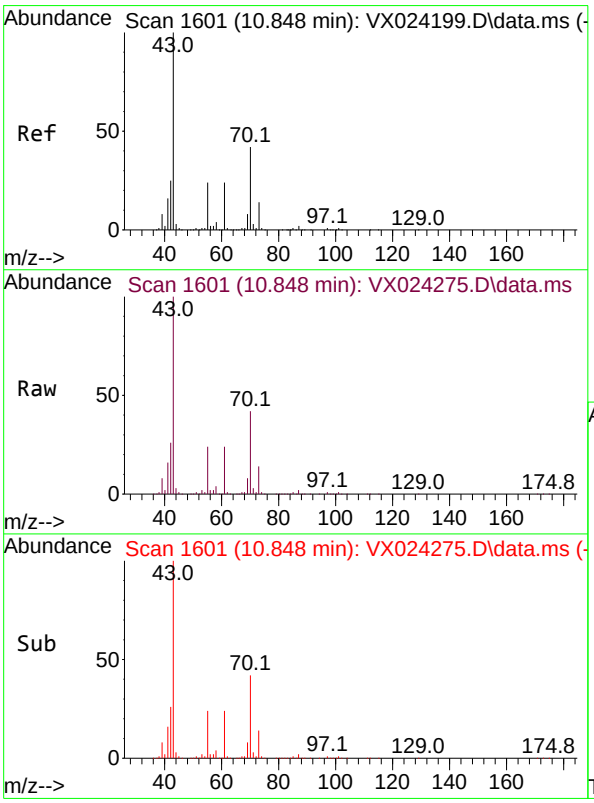
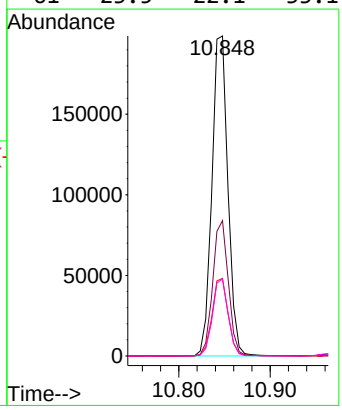
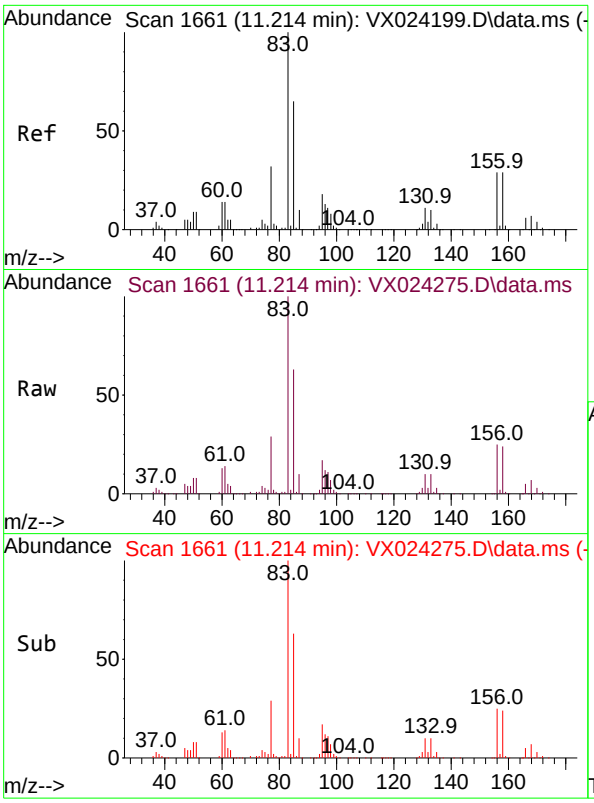


#74
N-amyl acetate
Concen: 57.640 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 43 Resp: 241411

Ion	Ratio	Lower	Upper
43	100		
70	41.3	39.0	58.6
55	24.4	21.5	32.3
61	23.5	22.1	33.1

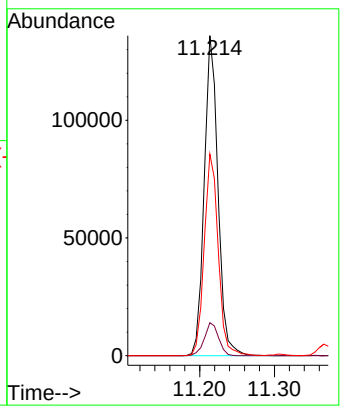




#75
1,1,2,2-Tetrachloroethane
Concen: 53.813 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 83 Resp: 173208

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.2
85	64.3	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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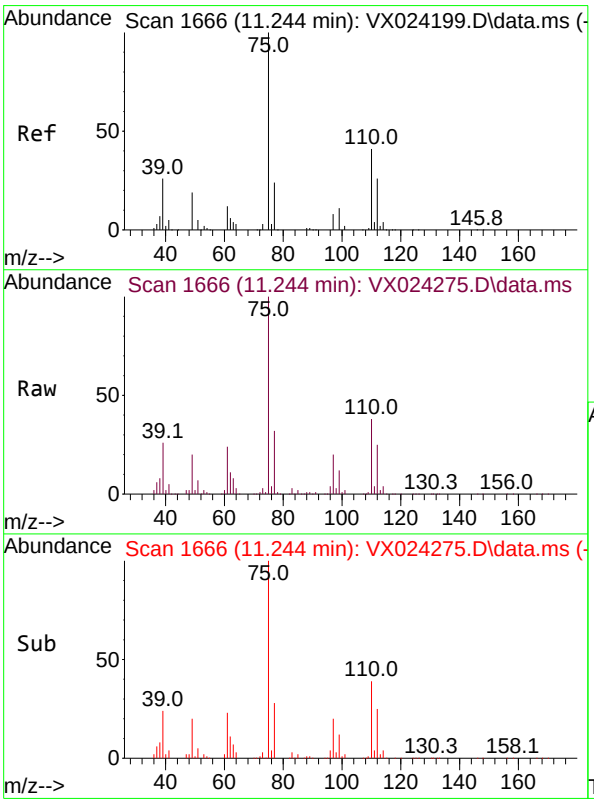
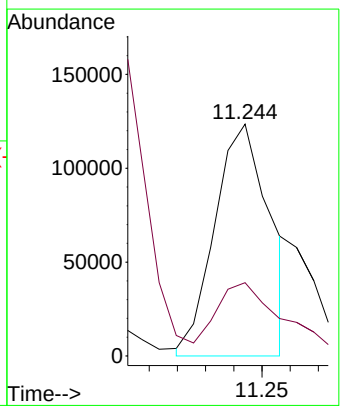
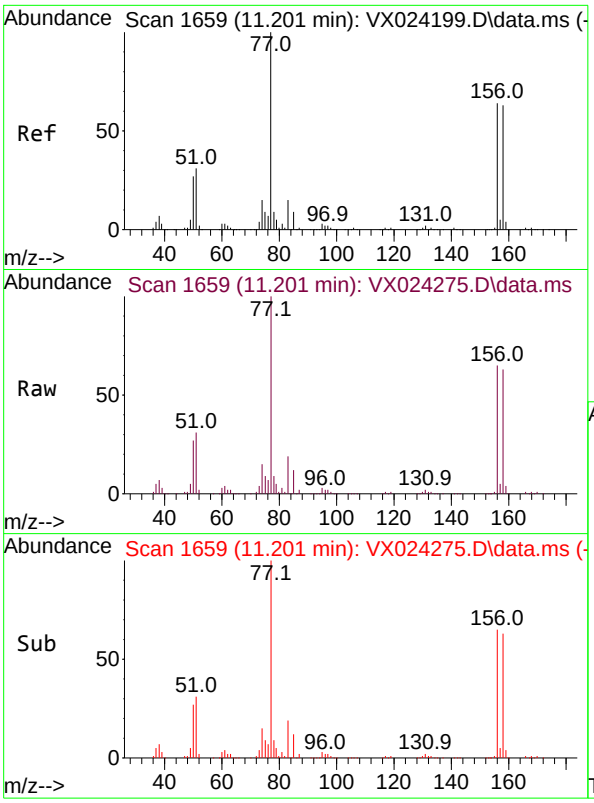


#76
1,2,3-Trichloropropane
Concen: 54.438 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 75 Resp: 167239

Ion	Ratio	Lower	Upper
75	100		
77	39.3	19.1	57.5

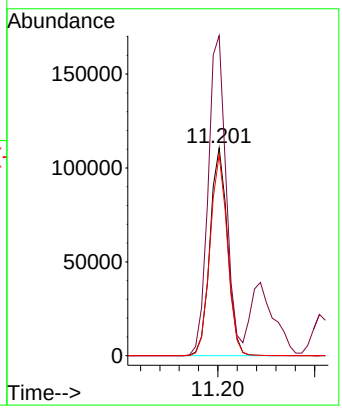




#77
Bromobenzene
Concen: 55.618 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:156 Resp: 139069

Ion	Ratio	Lower	Upper
156	100		
77	158.9	82.8	248.6
158	95.8	49.1	147.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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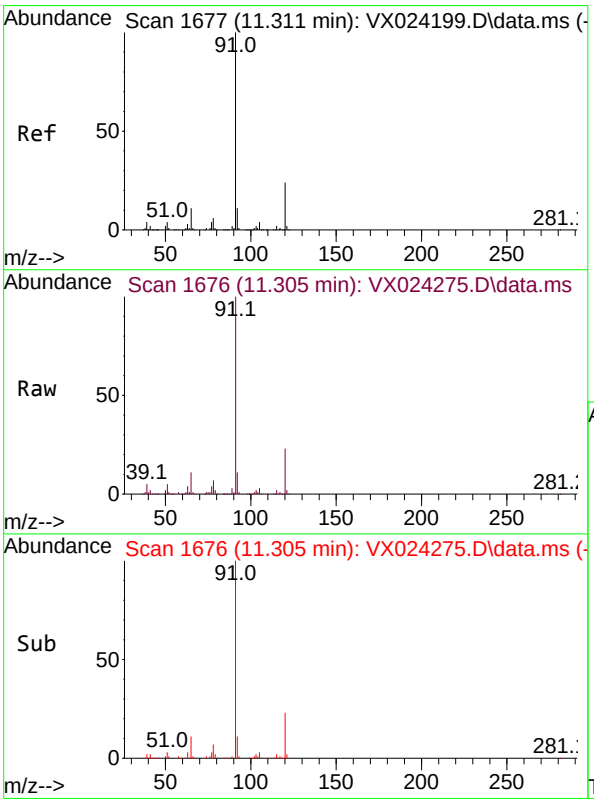
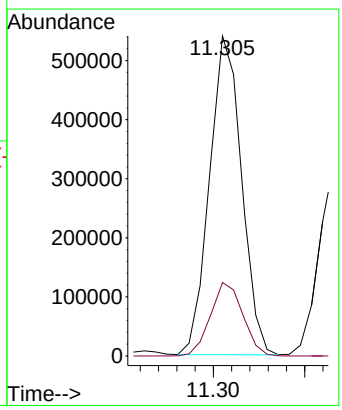
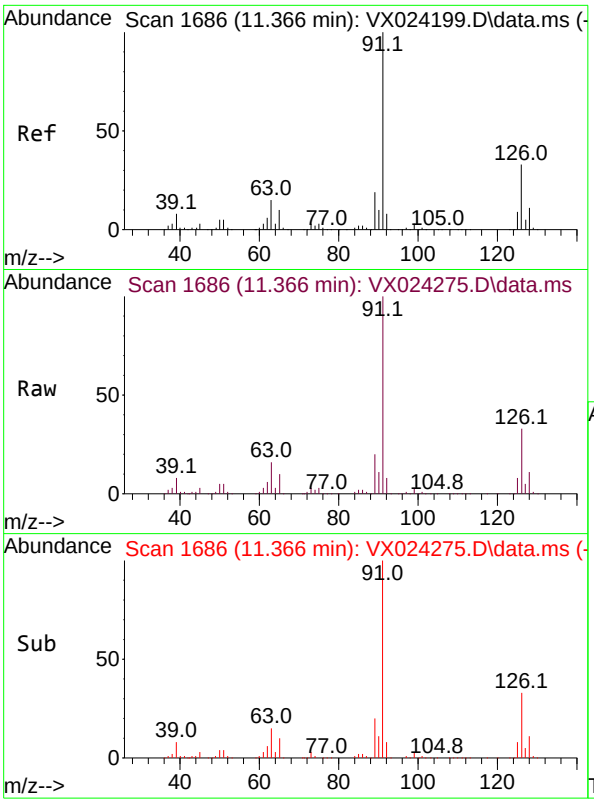


#78
n-propylbenzene
Concen: 58.584 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 91 Resp: 658442

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5

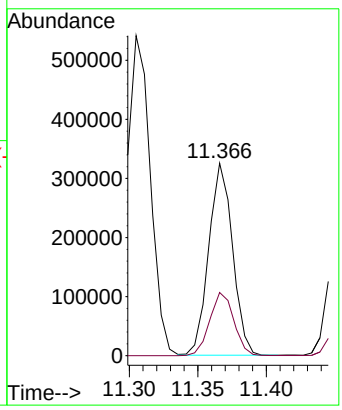




#79
2-Chlorotoluene
Concen: 56.334 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 91 Resp: 393284

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.8



Instrument :
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ClientSampleId :
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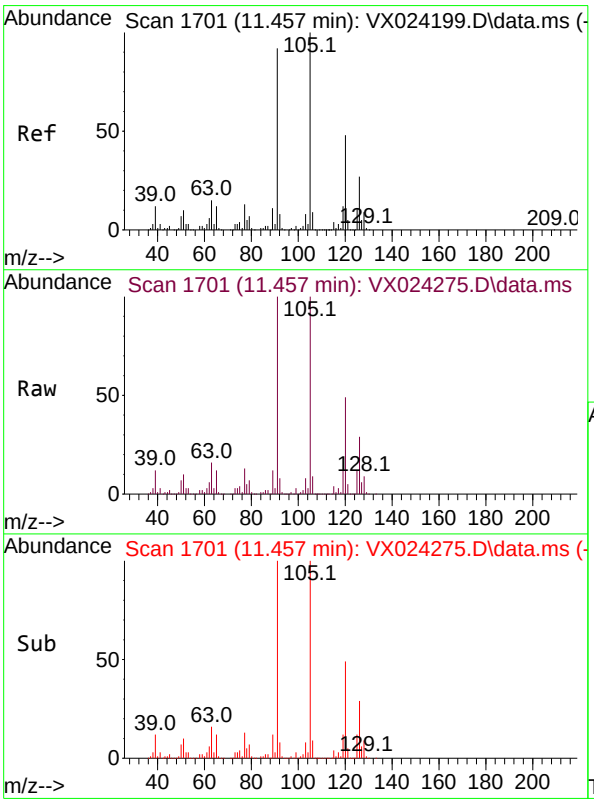
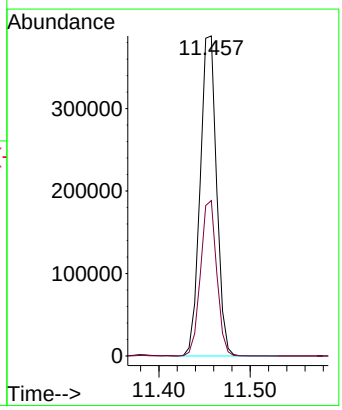
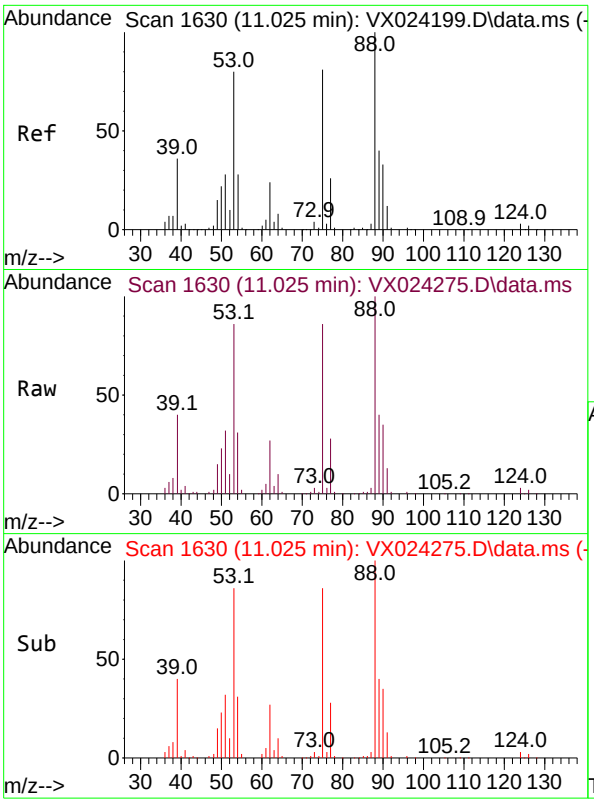


#80
1,3,5-Trimethylbenzene
Concen: 57.652 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:105 Resp: 483485

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.8	71.5

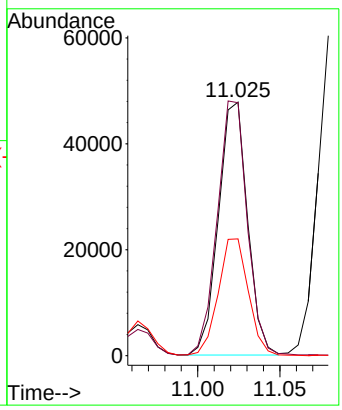




#81
trans-1,4-Dichloro-2-butene
Concen: 56.268 ug/l
RT: 11.025 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 75 Resp: 58776

Ion	Ratio	Lower	Upper
75	100		
53	104.5	74.5	111.7
89	48.1	37.9	56.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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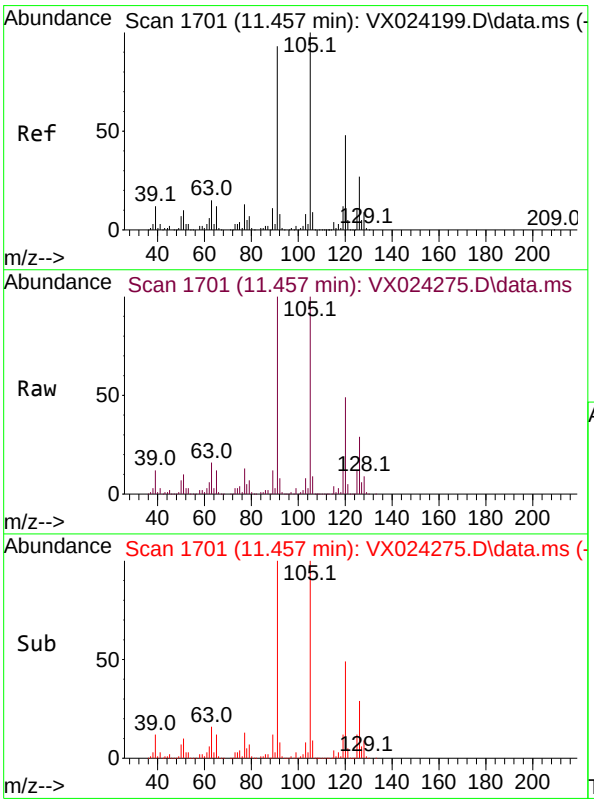
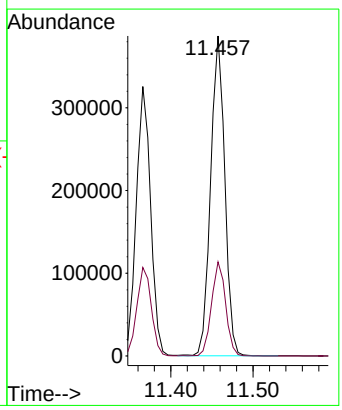
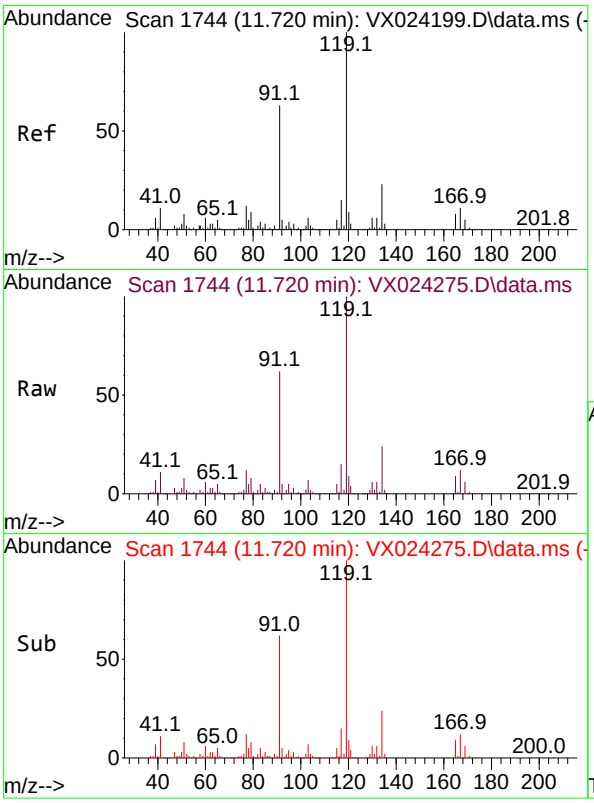


#82
4-Chlorotoluene
Concen: 58.184 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 91 Resp: 462170

Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.5

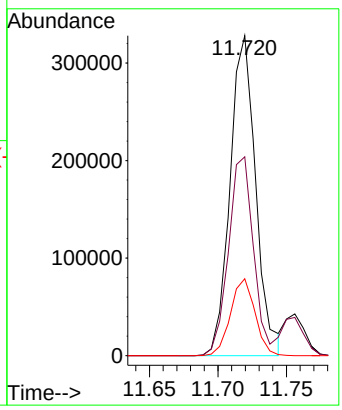




#83
tert-Butylbenzene
Concen: 52.877 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:119 Resp: 428007

Ion	Ratio	Lower	Upper
119	100		
91	60.4	27.9	83.7
134	23.0	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
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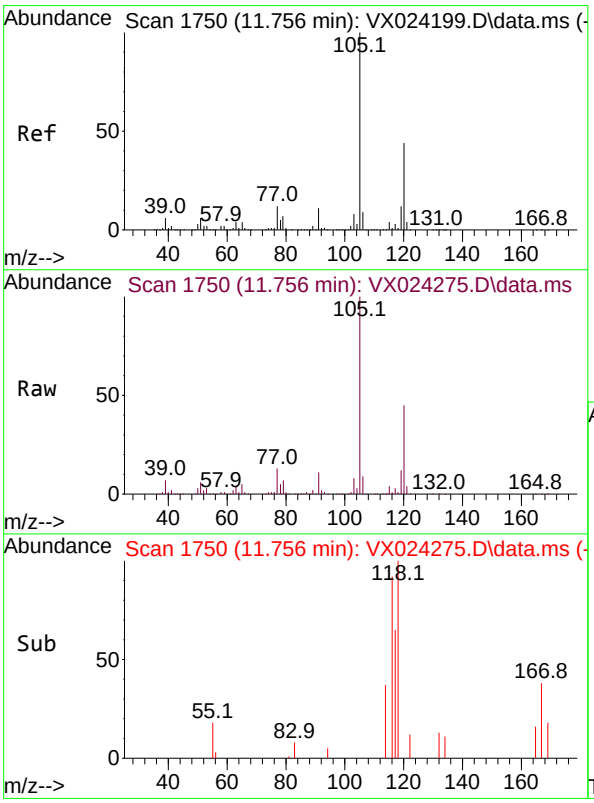
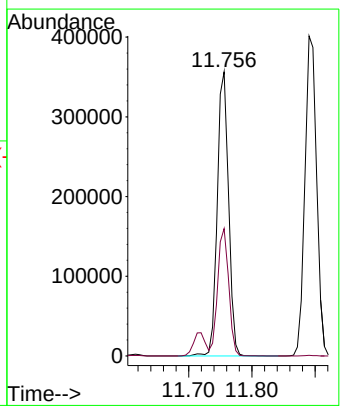


#84
1,2,4-Trimethylbenzene
Concen: 53.233 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:105 Resp: 439151

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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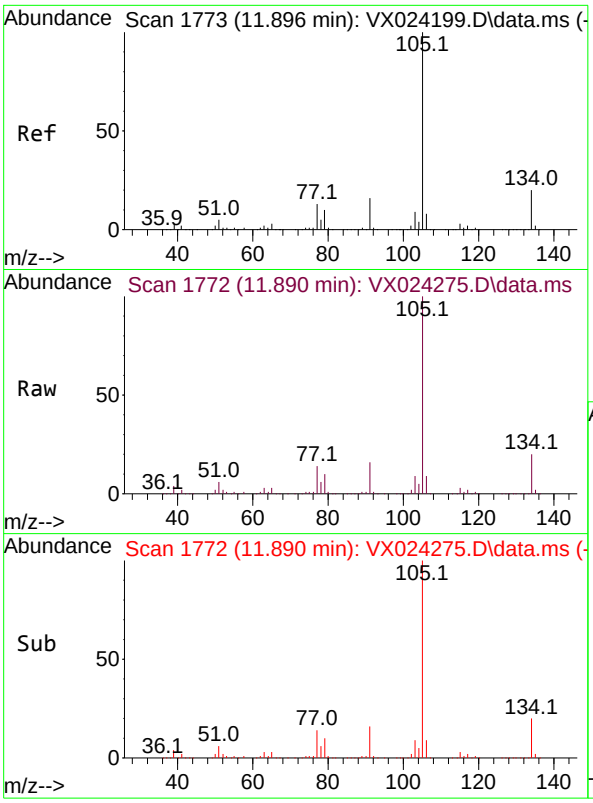
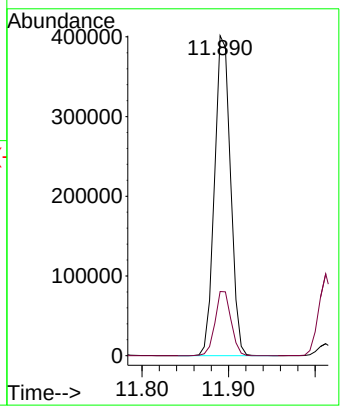
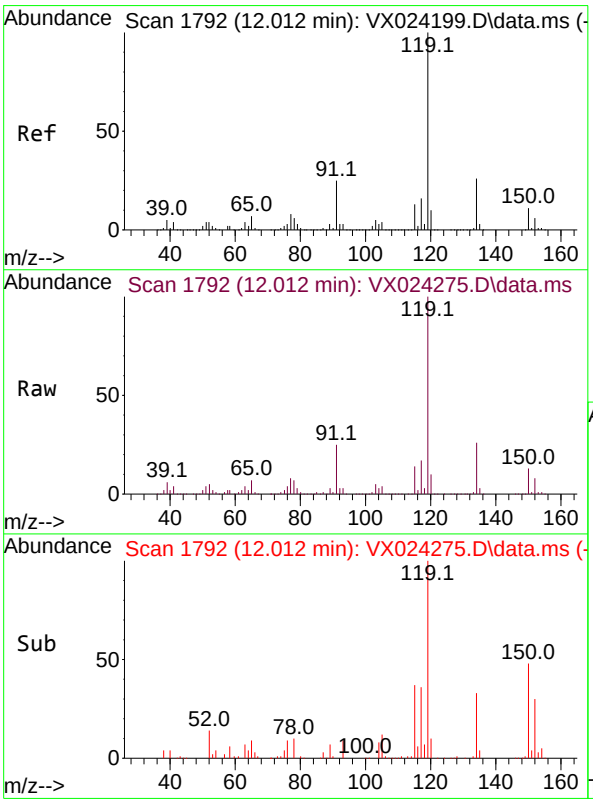


#85
sec-Butylbenzene
Concen: 50.704 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:105 Resp: 514214

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	29.8

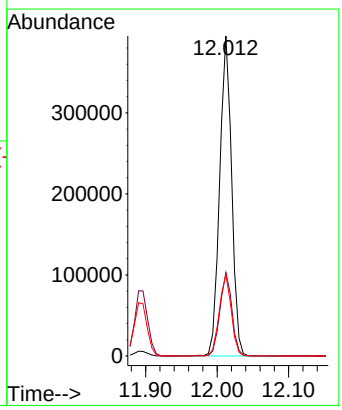


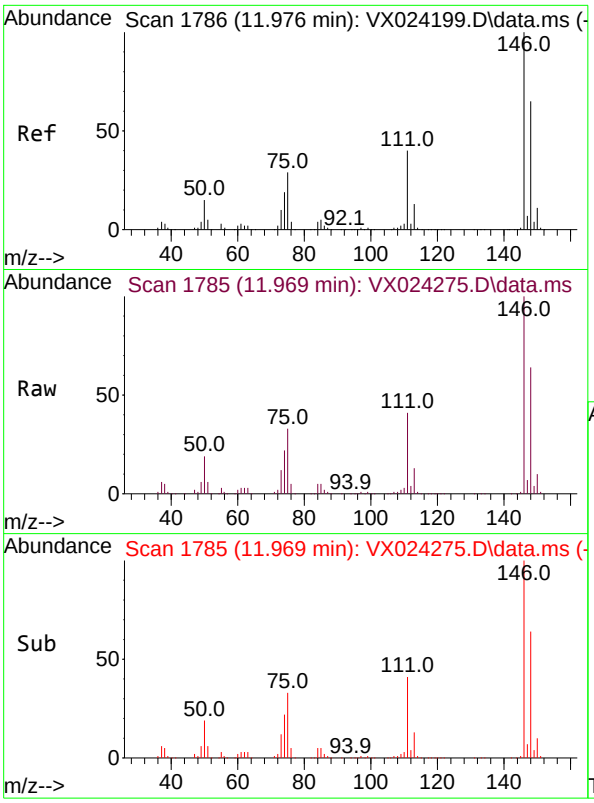


#86
p-Isopropyltoluene
Concen: 53.871 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:119 Resp: 458588

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.7
91	25.4	11.7	35.0

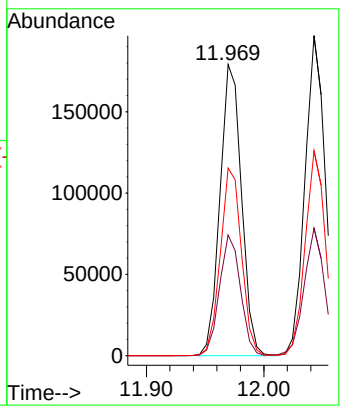


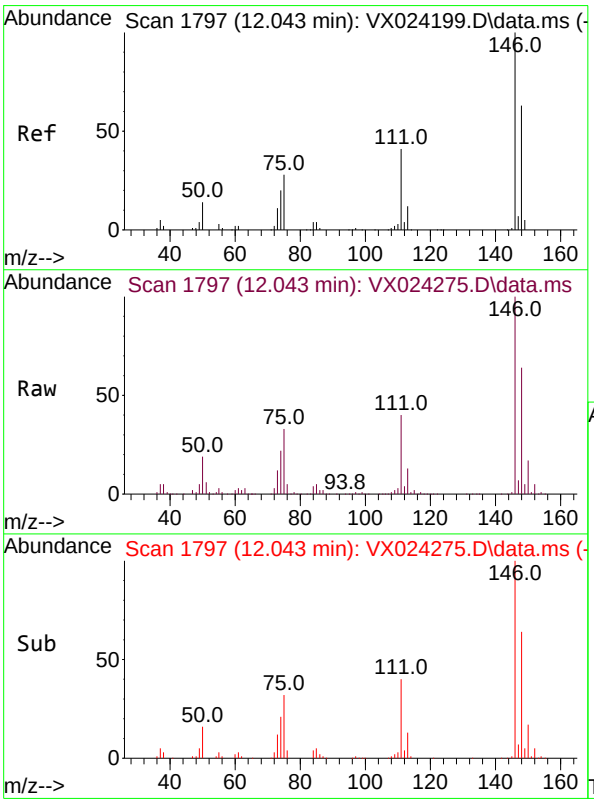


#87
1,3-Dichlorobenzene
Concen: 50.889 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:146 Resp: 227924

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	63.6	31.9	95.7

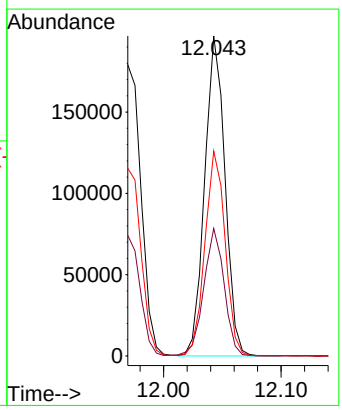




#88
1,4-Dichlorobenzene
Concen: 51.722 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:146 Resp: 236456

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.8
148	63.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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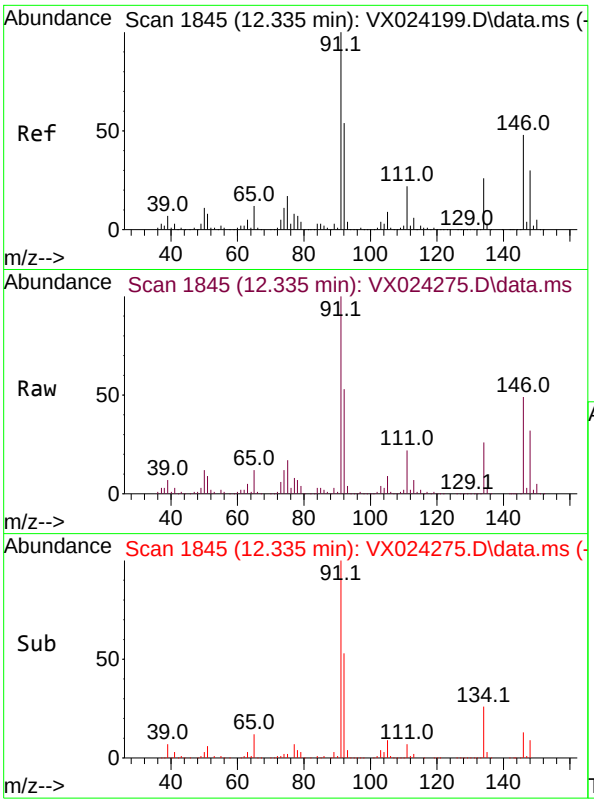
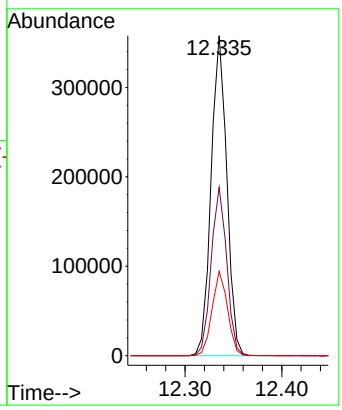


#89
n-Butylbenzene
Concen: 54.744 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 91 Resp: 403229

Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.4	82.0
134	25.9	13.2	39.5



Instrument :
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ClientSampleId :
VSTDCCC050

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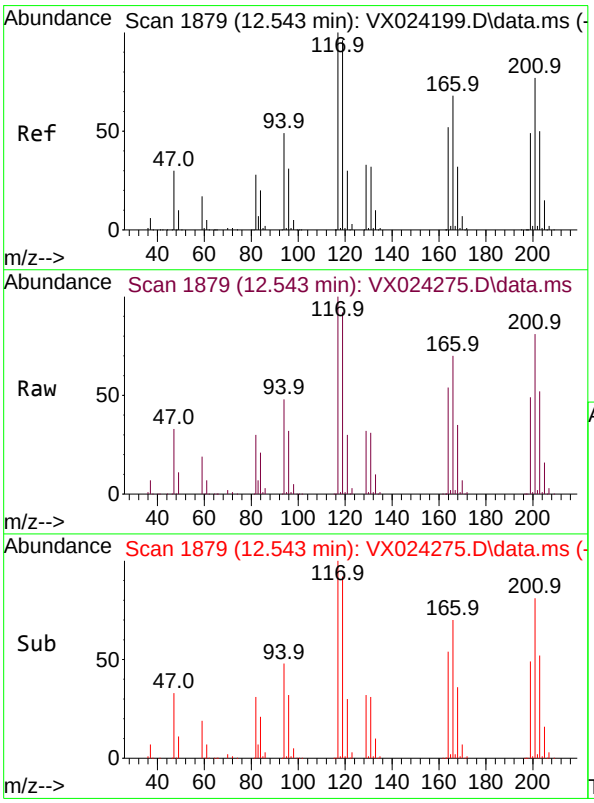
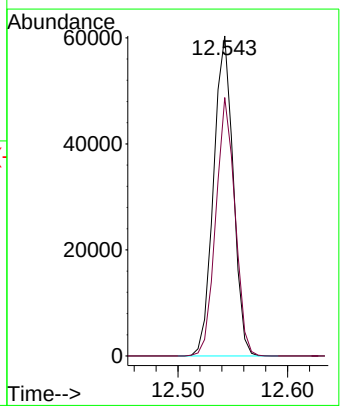
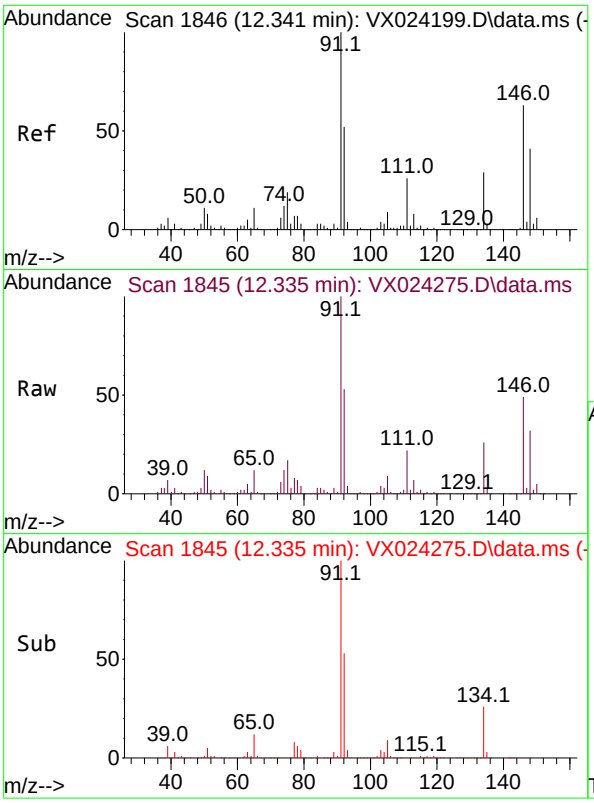


#90
Hexachloroethane
Concen: 54.738 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:117 Resp: 75075

Ion	Ratio	Lower	Upper
117	100		
201	79.0	40.4	121.2

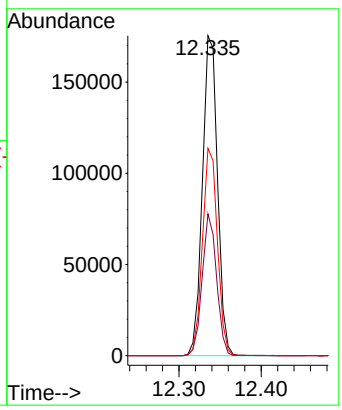


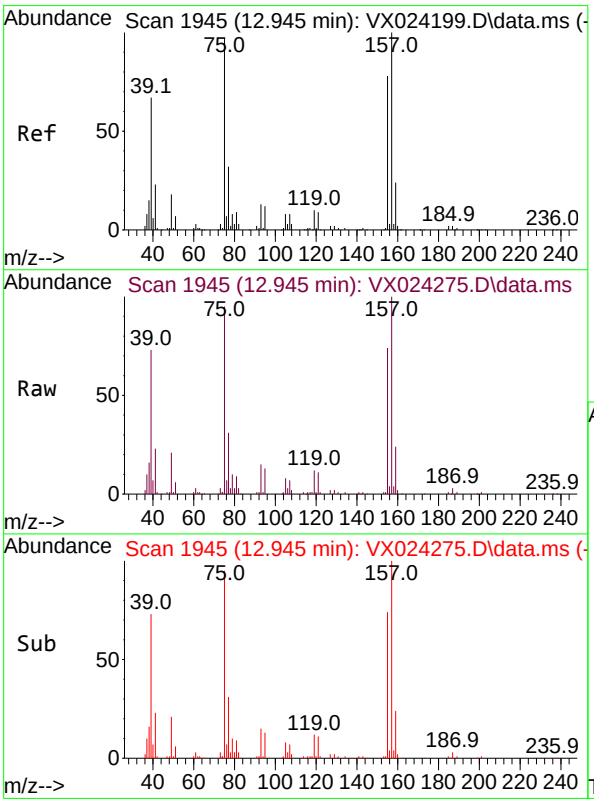


#91
1,2-Dichlorobenzene
Concen: 50.947 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:146 Resp: 223862

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.8	62.2
148	64.3	31.9	95.5

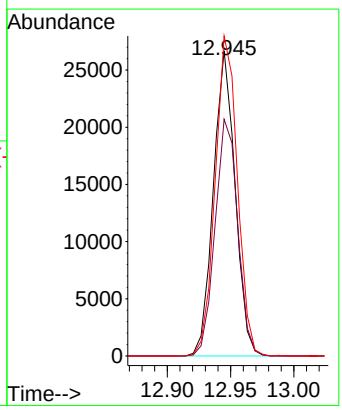




#92
1,2-Dibromo-3-Chloropropane
Concen: 43.023 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion: 75 Resp: 31770

Ion	Ratio	Lower	Upper
75	100		
155	80.7	45.3	135.9
157	107.4	57.7	173.1



Instrument :
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ClientSampleId :
VSTDCCC050

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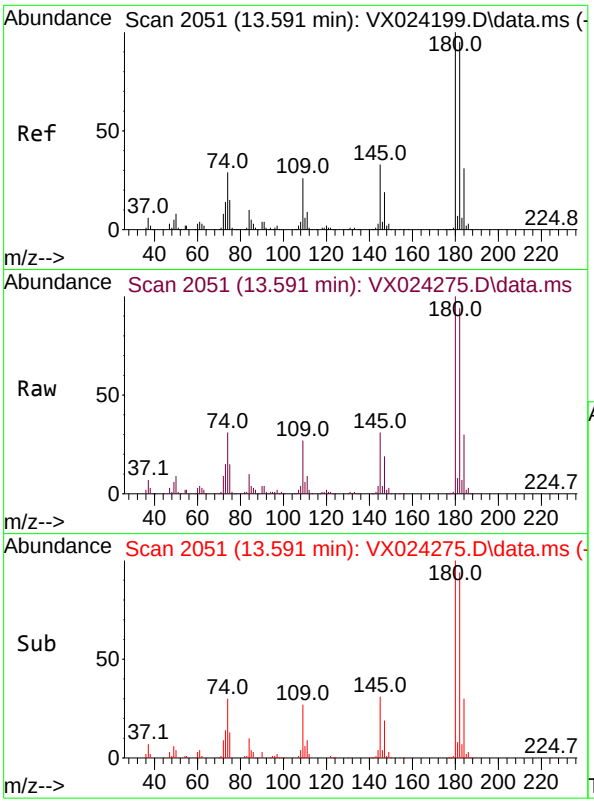
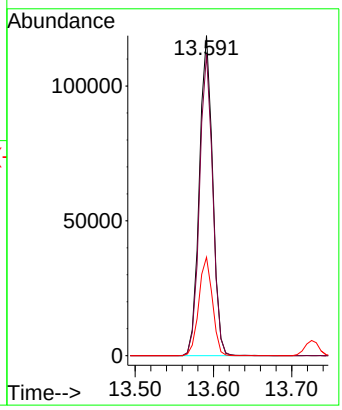
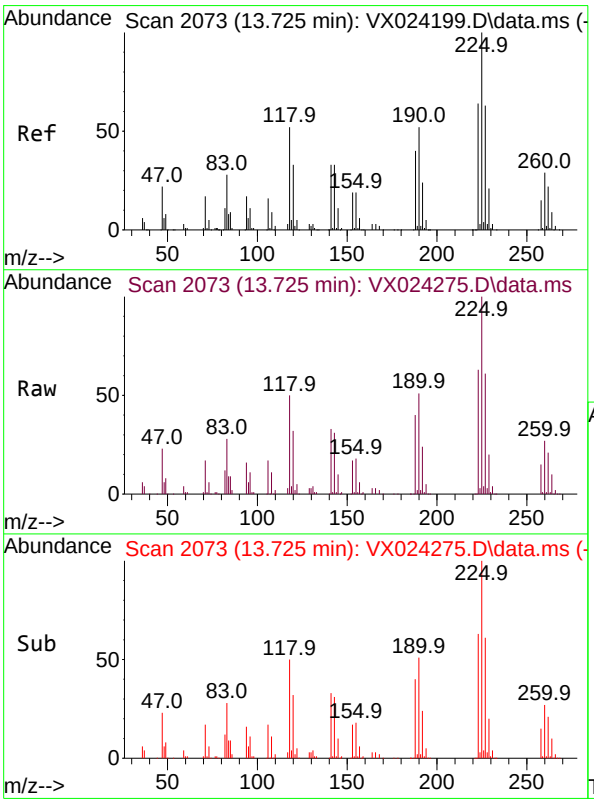


#93
1,2,4-Trichlorobenzene
Concen: 53.867 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:180 Resp: 139481

Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.7	143.1
145	31.5	15.0	45.0

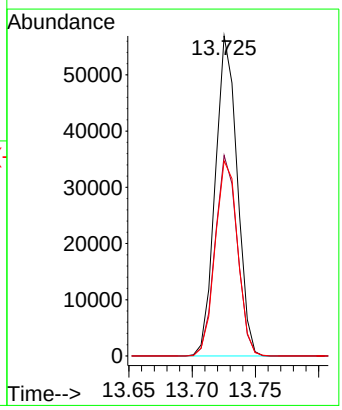




#94
Hexachlorobutadiene
Concen: 52.846 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:225 Resp: 68331

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.2
227	62.8	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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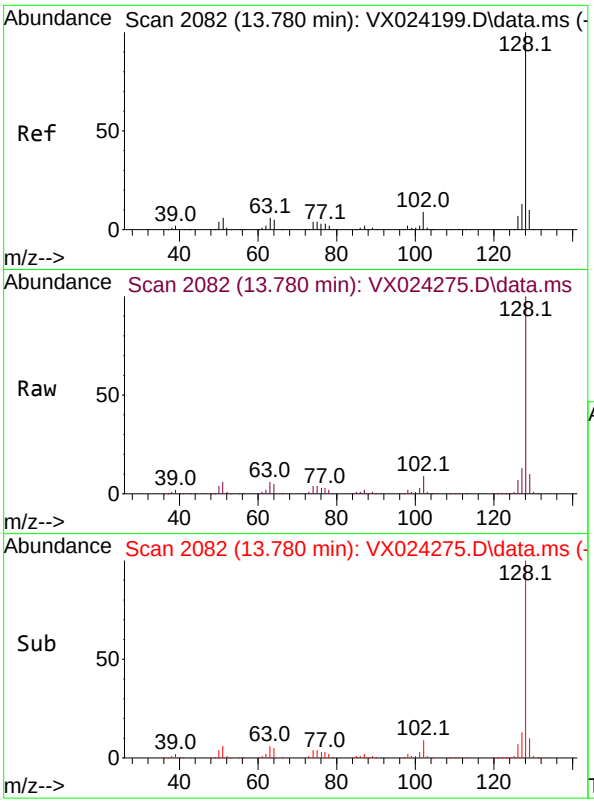
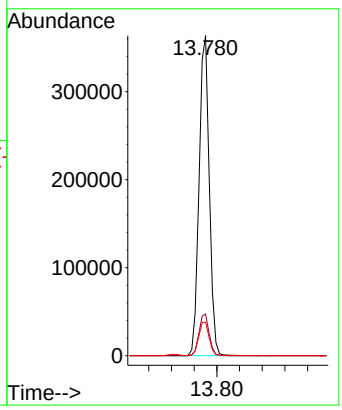


#95
Naphthalene
Concen: 47.493 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:128 Resp: 452837

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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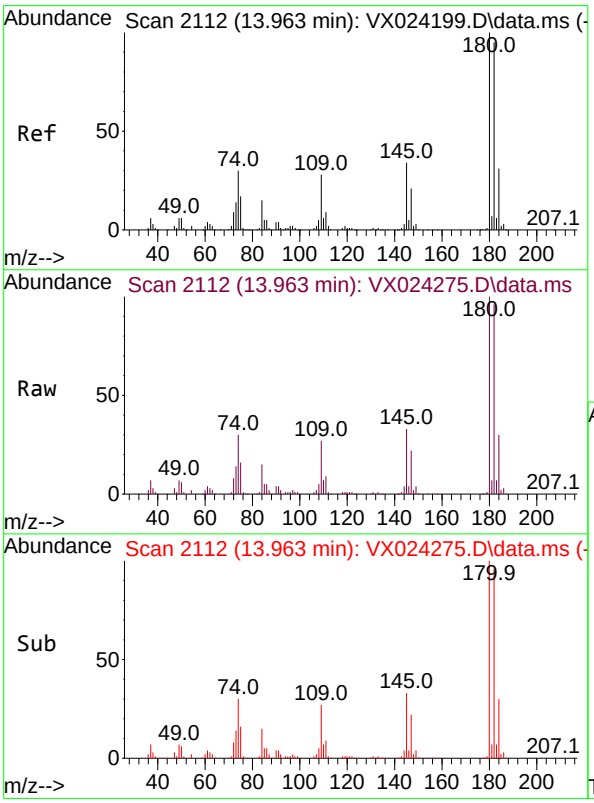
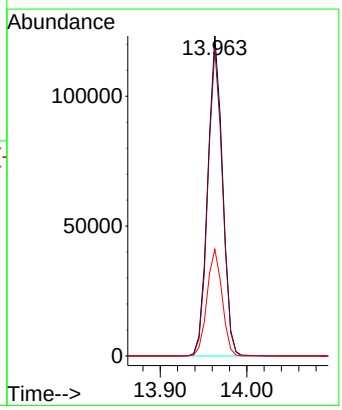


#96
1,2,3-Trichlorobenzene
Concen: 55.895 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX024275.D
Acq: 16 Sep 2021 09:03

Tgt Ion:180 Resp: 145884

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.9
145	33.8	16.1	48.3