Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
Data File : VD073949.D
Acq On : 04 Aug 2022 12:37
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 07:51:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	177779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	290571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	269131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	140065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70451	47.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.960%			
35) Dibromofluoromethane	7.903	113	77121	42.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.440%			
50) Toluene-d8	10.332	98	246215	40.487	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 80.980%			
62) 4-Bromofluorobenzene	12.620	95	101956	45.590	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	78824	50.705	ug/l	100
3) Chloromethane	2.209	50	111621	49.413	ug/l	95
4) Vinyl Chloride	2.344	62	157441	56.517	ug/l	97
5) Bromomethane	2.762	94	106732	54.254	ug/l	99
6) Chloroethane	2.915	64	107838	55.041	ug/l	97
7) Trichlorofluoromethane	3.262	101	152096	50.931	ug/l	93
8) Diethyl Ether	3.703	74	37614	50.045	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	88423	49.949	ug/l	99
10) Methyl Iodide	4.291	142	94487	48.812	ug/l	96
11) Tert butyl alcohol	5.226	59	31664	310.696	ug/l	98
12) 1,1-Dichloroethene	4.062	96	77466	49.388	ug/l	98
13) Acrolein	3.915	56	25385	234.176	ug/l	96
14) Allyl chloride	4.703	41	101874	48.037	ug/l	97
15) Acrylonitrile	5.409	53	80477	250.109	ug/l	99
16) Acetone	4.156	43	98593	302.007	ug/l	94
17) Carbon Disulfide	4.397	76	226802	47.060	ug/l	99
18) Methyl Acetate	4.715	43	37675	48.671	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	191668	50.472	ug/l	95
20) Methylene Chloride	4.956	84	104580	47.188	ug/l	95
21) trans-1,2-Dichloroethene	5.456	96	92050	49.243	ug/l	95
22) Diisopropyl ether	6.356	45	232022	50.390	ug/l	96
23) Vinyl Acetate	6.297	43	649470	266.884	ug/l	100
24) 1,1-Dichloroethane	6.256	63	151081	48.507	ug/l	99
25) 2-Butanone	7.203	43	120764	278.328	ug/l	98
26) 2,2-Dichloropropane	7.197	77	152723	48.494	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	102542	48.726	ug/l	98
28) Bromochloromethane	7.538	49	49690	47.808	ug/l	99
29) Tetrahydrofuran	7.556	42	67199	265.062	ug/l	99
30) Chloroform	7.697	83	175222	49.372	ug/l	100
31) Cyclohexane	7.979	56	133805	48.605	ug/l	95
32) 1,1,1-Trichloroethane	7.891	97	166623	49.307	ug/l	99
36) 1,1-Dichloropropene	8.103	75	130348	50.693	ug/l	99
37) Ethyl Acetate	7.285	43	49101	51.274	ug/l #	94
38) Carbon Tetrachloride	8.085	117	146375	50.817	ug/l	95
39) Methylcyclohexane	9.344	83	153192	50.828	ug/l	99
40) Benzene	8.338	78	359246	50.916	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050

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Supervised By :Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 07:51:55 2022
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Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.508	41	26524	47.981	ug/l		96
42)	1,2-Dichloroethane	8.414	62	109232	50.440	ug/l		98
43)	Isopropyl Acetate	8.444	43	97224	51.270	ug/l		98
44)	Trichloroethene	9.103	130	102538	48.240	ug/l		97
45)	1,2-Dichloropropane	9.373	63	82840	48.793	ug/l		97
46)	Dibromomethane	9.461	93	55403	50.736	ug/l		98
47)	Bromodichloromethane	9.650	83	135979	50.271	ug/l		96
48)	Methyl methacrylate	9.444	41	45518	51.436	ug/l		94
49)	1,4-Dioxane	9.455	88	12476	1084.050	ug/l		95
51)	4-Methyl-2-Pentanone	10.214	43	249589	263.625	ug/l		99
52)	Toluene	10.391	92	240852	50.166	ug/l		99
53)	t-1,3-Dichloropropene	10.608	75	124056	49.822	ug/l		96
54)	cis-1,3-Dichloropropene	10.079	75	139895	49.626	ug/l		97
55)	1,1,2-Trichloroethane	10.791	97	70305	50.057	ug/l		95
56)	Ethyl methacrylate	10.650	69	82687	51.708	ug/l		97
57)	1,3-Dichloropropane	10.932	76	115678	50.890	ug/l		100
58)	2-Chloroethyl Vinyl ether	9.932	63	152632	249.415	ug/l		99
59)	2-Hexanone	10.973	43	184589	288.123	ug/l		99
60)	Dibromochloromethane	11.126	129	96421	50.883	ug/l		100
61)	1,2-Dibromoethane	11.238	107	72234	50.741	ug/l		98
64)	Tetrachloroethene	10.861	164	87780	45.831	ug/l		97
65)	Chlorobenzene	11.655	112	261511	49.015	ug/l		99
66)	1,1,1,2-Tetrachloroethane	11.732	131	100549	49.199	ug/l		98
67)	Ethyl Benzene	11.732	91	476278	50.542	ug/l		98
68)	m/p-Xylenes	11.844	106	381057	102.005	ug/l		97
69)	o-Xylene	12.167	106	182322	52.110	ug/l		94
70)	Styrene	12.179	104	306935	51.938	ug/l		99
71)	Bromoform	12.344	173	58575	52.184	ug/l	#	100
73)	Isopropylbenzene	12.467	105	473297	49.007	ug/l		99
74)	N-amyl acetate	12.273	43	95035	49.140	ug/l		98
75)	1,1,2,2-Tetrachloroethane	12.714	83	81045	49.262	ug/l		100
76)	1,2,3-Trichloropropane	12.767	75	53318m	50.592	ug/l		
77)	Bromobenzene	12.743	156	109138	48.005	ug/l		98
78)	n-propylbenzene	12.808	91	582196	49.571	ug/l		100
79)	2-Chlorotoluene	12.891	91	328617	48.912	ug/l		98
80)	1,3,5-Trimethylbenzene	12.944	105	412207	50.239	ug/l		98
81)	trans-1,4-Dichloro-2-b...	12.514	75	24681	50.554	ug/l		99
82)	4-Chlorotoluene	12.991	91	341647	48.511	ug/l		98
83)	tert-Butylbenzene	13.208	119	354162	49.574	ug/l		100
84)	1,2,4-Trimethylbenzene	13.249	105	409826	50.560	ug/l		100
85)	sec-Butylbenzene	13.385	105	541339	50.079	ug/l		99
86)	p-Isopropyltoluene	13.496	119	463861	51.086	ug/l		99
87)	1,3-Dichlorobenzene	13.496	146	231291	48.718	ug/l		99
88)	1,4-Dichlorobenzene	13.579	146	228626	48.615	ug/l		99
89)	n-Butylbenzene	13.826	91	423675	50.603	ug/l		99
90)	Hexachloroethane	14.090	117	85656	51.478	ug/l		99
91)	1,2-Dichlorobenzene	13.873	146	203041	50.021	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.485	75	14026	50.052	ug/l		96
93)	1,2,4-Trichlorobenzene	15.137	180	122240	48.428	ug/l		100
94)	Hexachlorobutadiene	15.243	225	64567	47.083	ug/l		98
95)	Naphthalene	15.379	128	233389	50.623	ug/l		99
96)	1,2,3-Trichlorobenzene	15.567	180	107432	49.239	ug/l		97

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Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
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Instrument :
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ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

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

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

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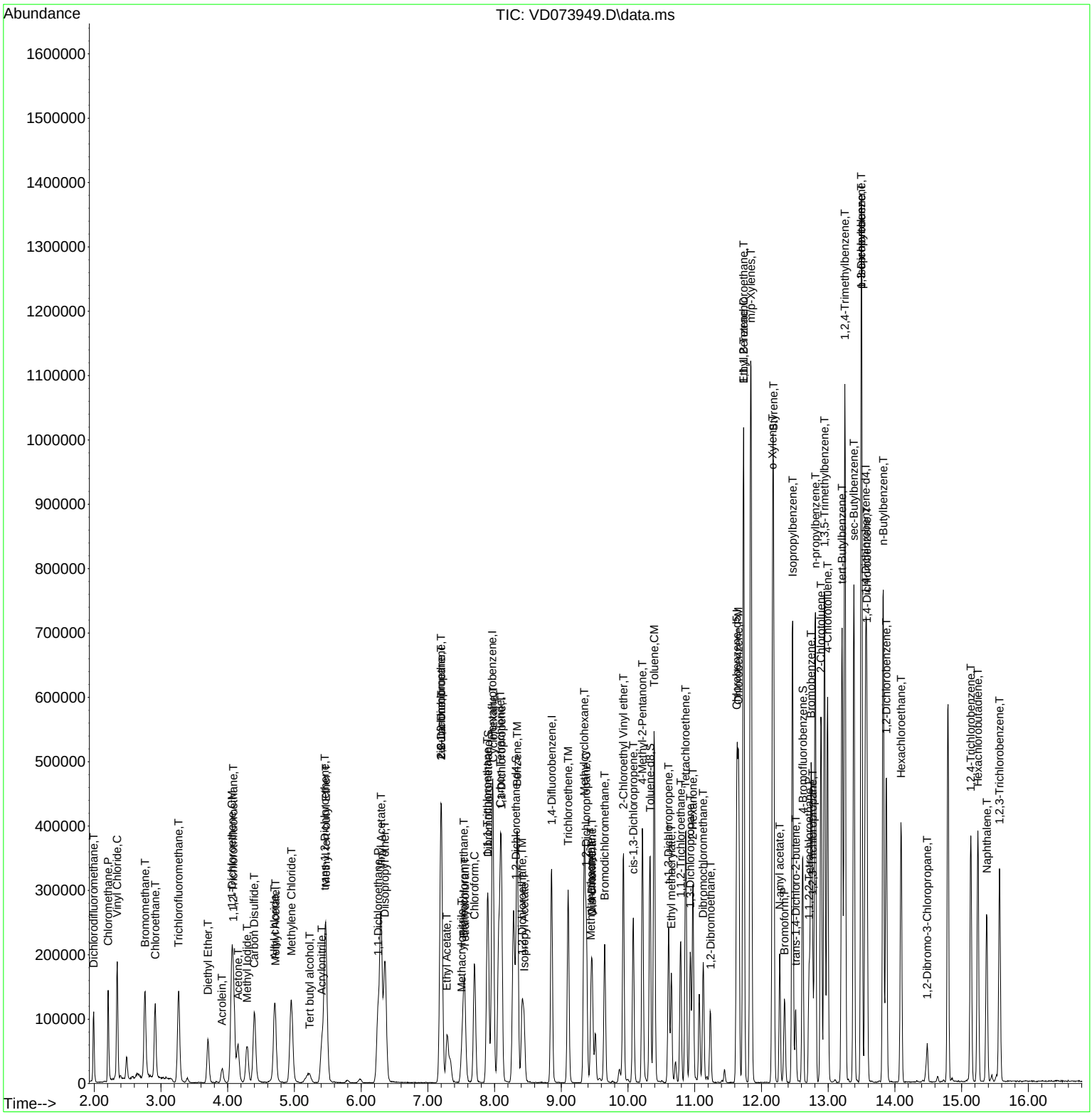
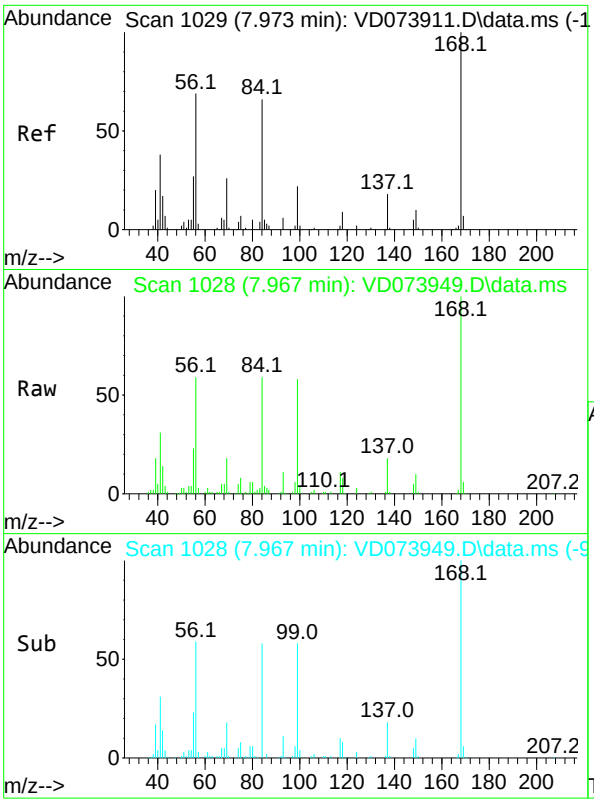
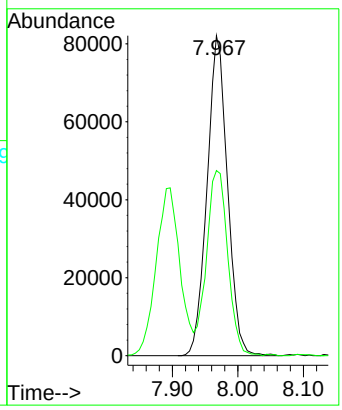




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:168 Resp: 17777

Ion	Ratio	Lower	Upper
168	100		
99	57.9	52.2	78.4



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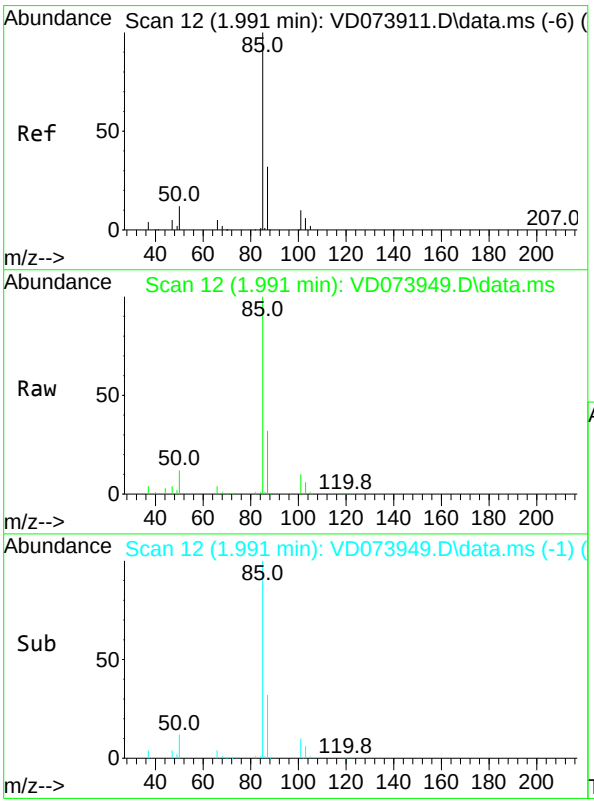
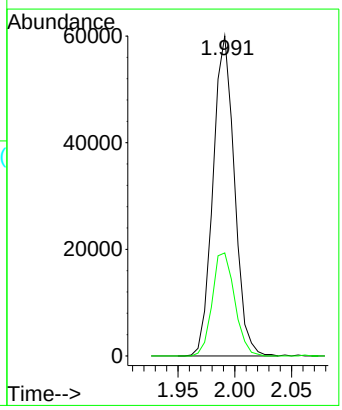
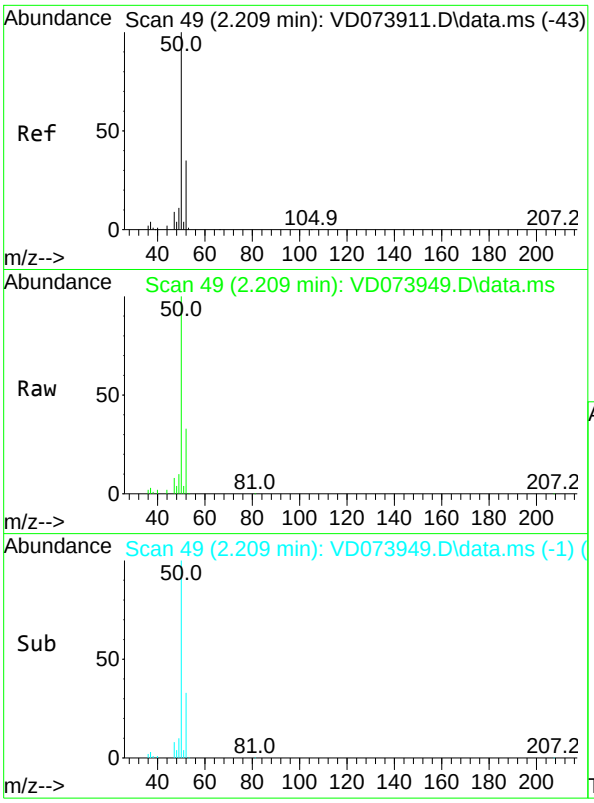


#2
Dichlorodifluoromethane
Concen: 50.705 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 85 Resp: 78824

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.2

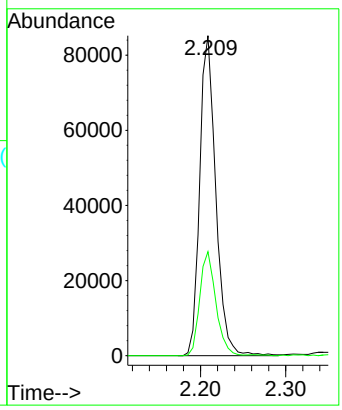




#3
Chloromethane
Concen: 49.413 ug/l
RT: 2.209 min Scan# 4
Delta R.T. -0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 50 Resp: 11162

Ion	Ratio	Lower	Upper
50	100		
52	32.5	28.2	42.2



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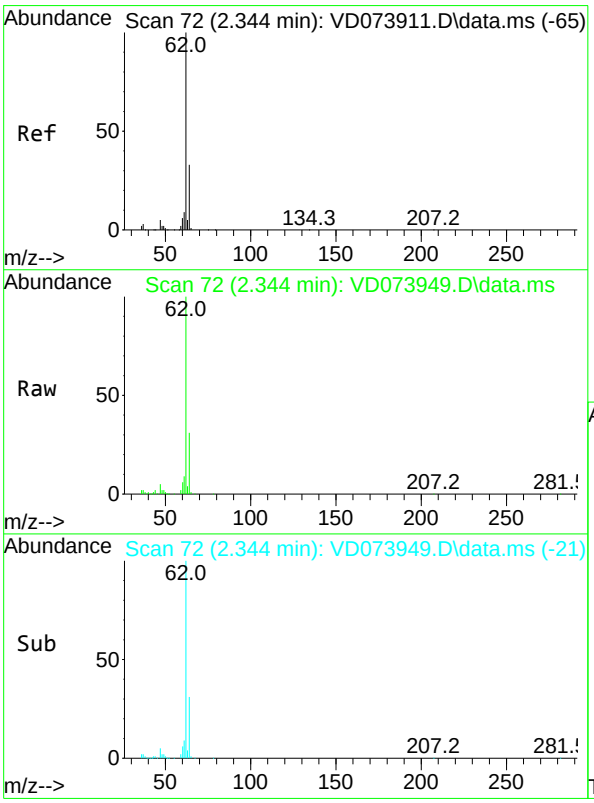
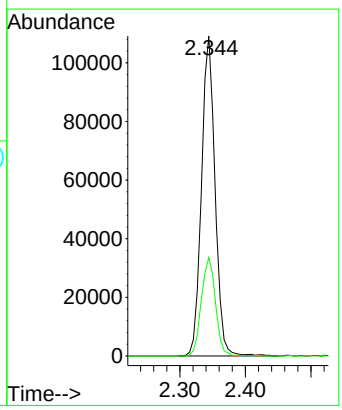
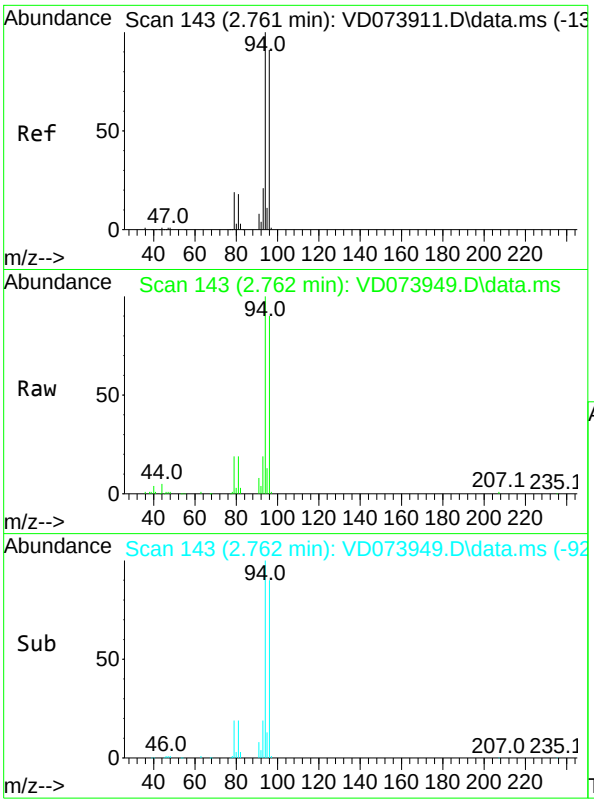


#4
Vinyl Chloride
Concen: 56.517 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 62 Resp: 157441

Ion	Ratio	Lower	Upper
62	100		
64	30.8	26.1	39.1

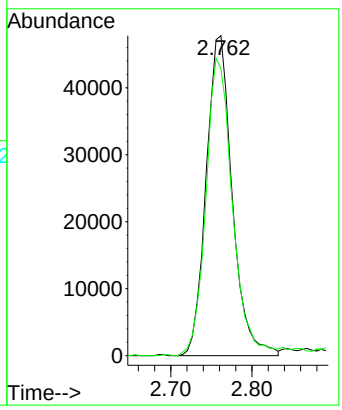




#5
Bromomethane
Concen: 54.254 ug/l
RT: 2.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 94 Resp: 10673

Ion	Ratio	Lower	Upper
94	100		
96	89.6	72.7	109.1



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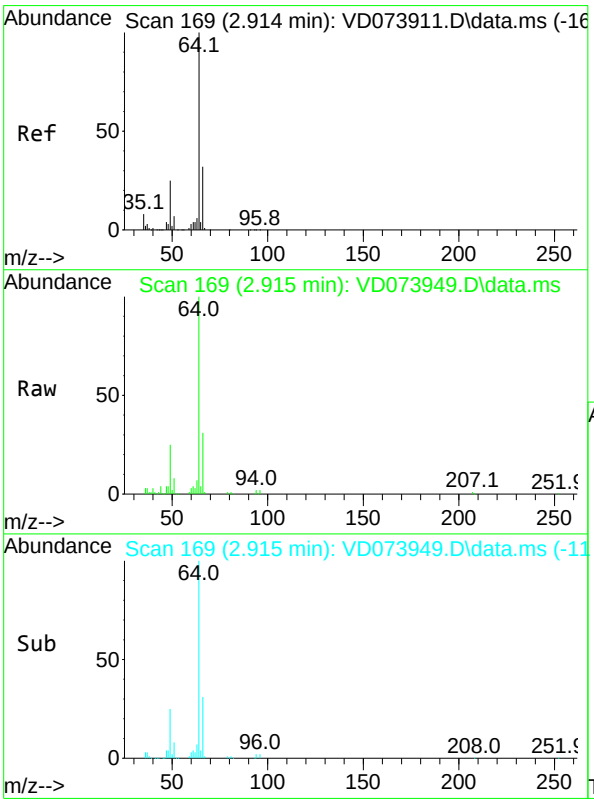
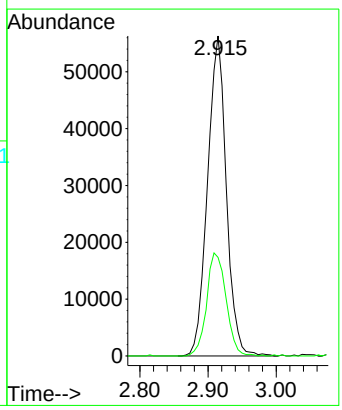
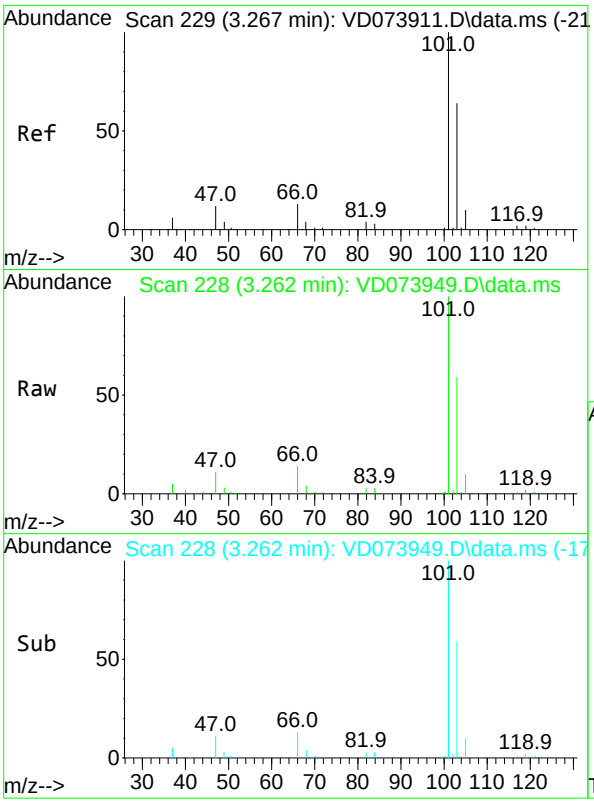


#6
Chloroethane
Concen: 55.041 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 64 Resp: 107838

Ion	Ratio	Lower	Upper
64	100		
66	30.8	25.8	38.6

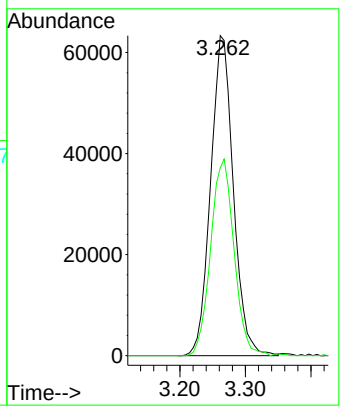




#7
Trichlorofluoromethane
Concen: 50.931 ug/l
RT: 3.262 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:101 Resp: 15209

Ion	Ratio	Lower	Upper
101	100		
103	58.7	51.4	77.0



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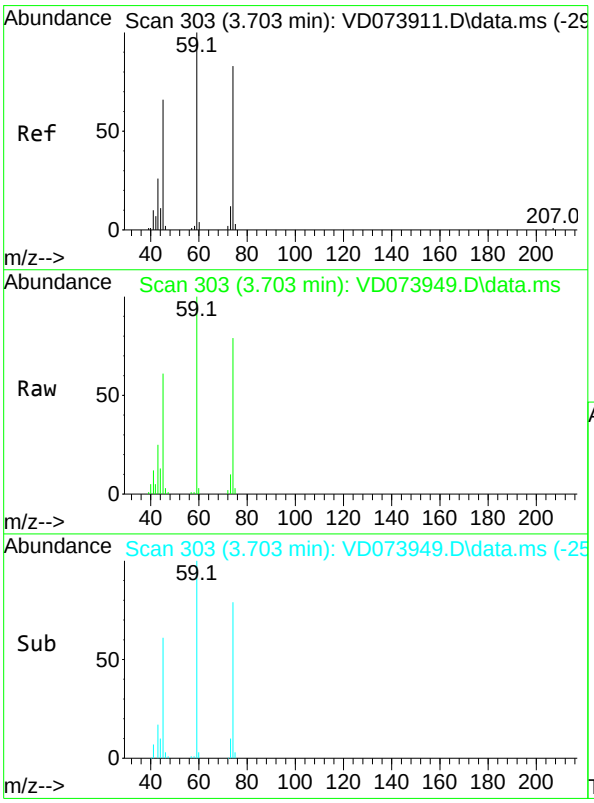
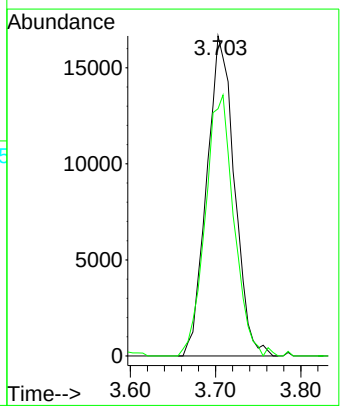
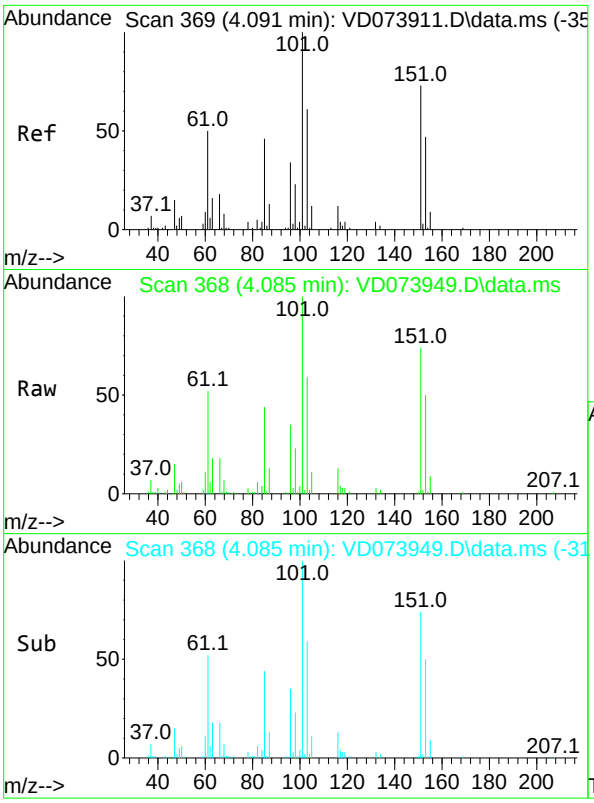


#8
Diethyl Ether
Concen: 50.045 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 74 Resp: 37614

Ion	Ratio	Lower	Upper
74	100		
45	83.8	42.4	127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.949 ug/l
RT: 4.085 min Scan# 3
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

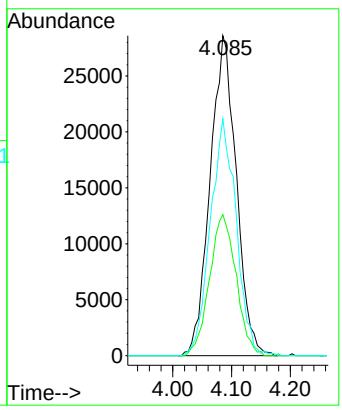
Tgt Ion:101 Resp: 8842

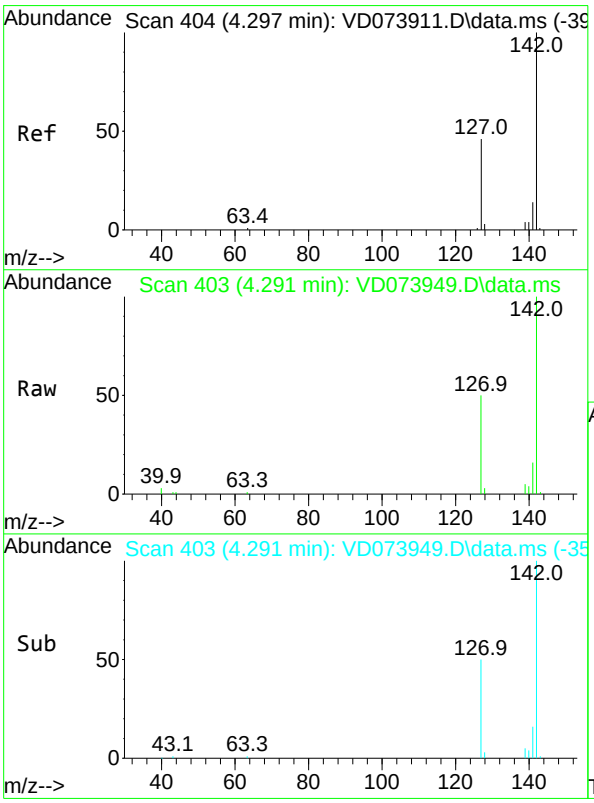
Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.5	54.7
151	73.2	58.9	88.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

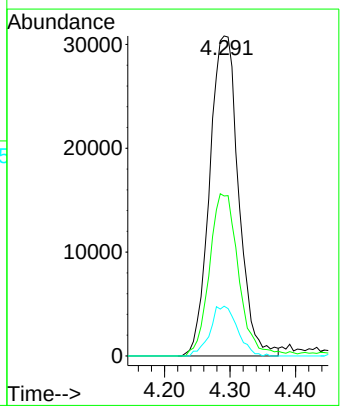


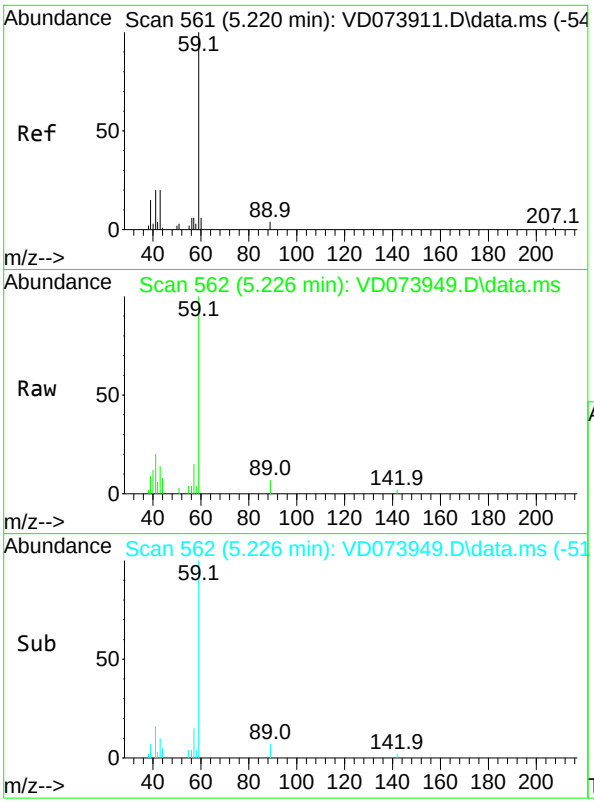


#10
Methyl Iodide
Concen: 48.812 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:142 Resp: 94487

Ion	Ratio	Lower	Upper
142	100		
127	50.8	38.3	57.5
141	14.7	11.5	17.3

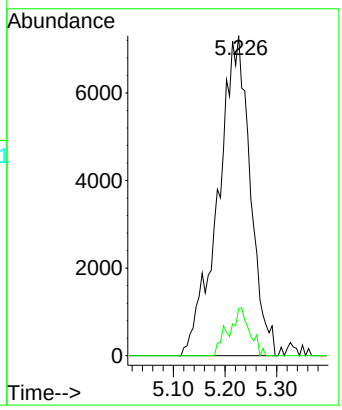




#11
Tert butyl alcohol
Concen: 310.696 ug/l
RT: 5.226 min Scan# 5
Delta R.T. 0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 59 Resp: 3166

Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.2	10.8



Instrument :
MSVOA_D
ClientSampleId :
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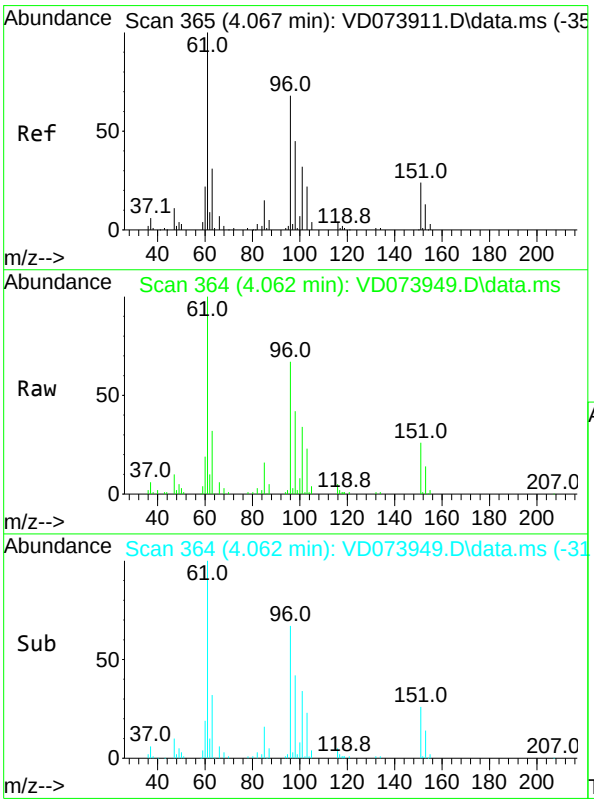
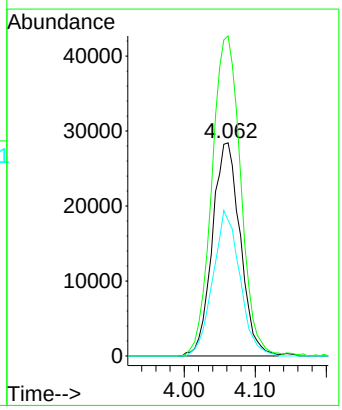
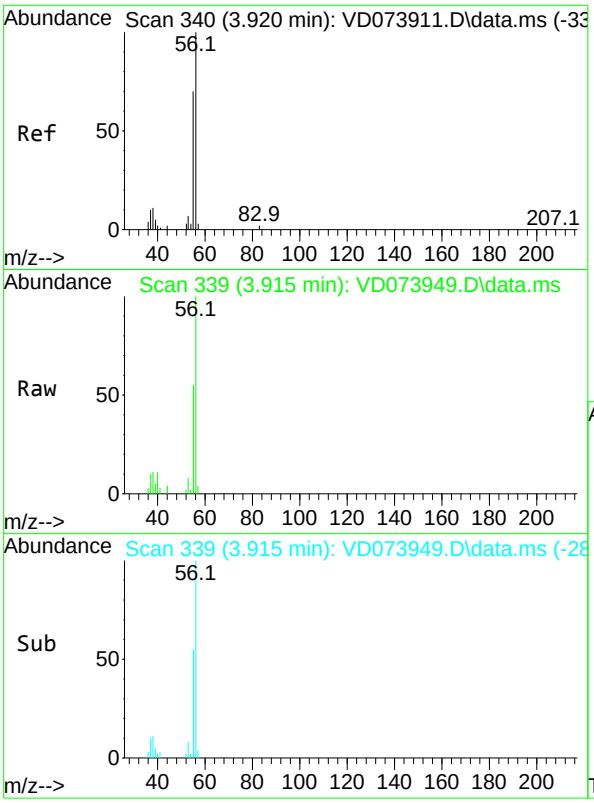


#12
1,1-Dichloroethene
Concen: 49.388 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 96 Resp: 77466

Ion	Ratio	Lower	Upper
96	100		
61	150.1	118.5	177.7
98	63.6	53.2	79.8

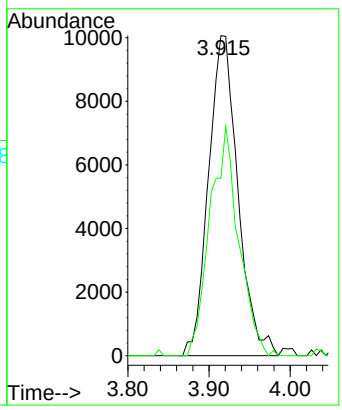




#13
Acrolein
Concen: 234.176 ug/l
RT: 3.915 min Scan# 3
Delta R.T. -0.005 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 56 Resp: 2538

Ion	Ratio	Lower	Upper
56	100		
55	70.0	58.4	87.6



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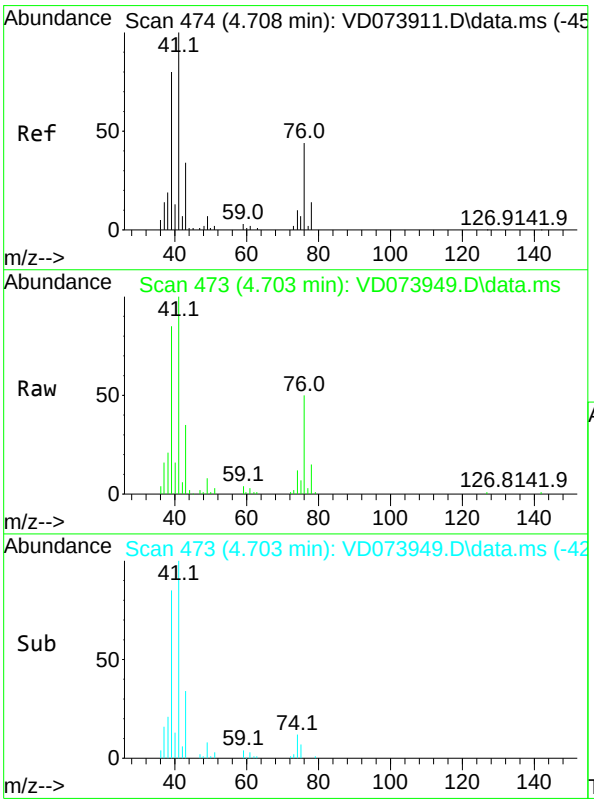
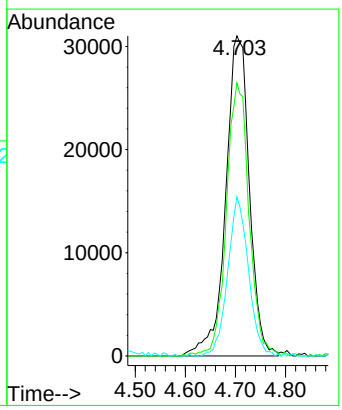
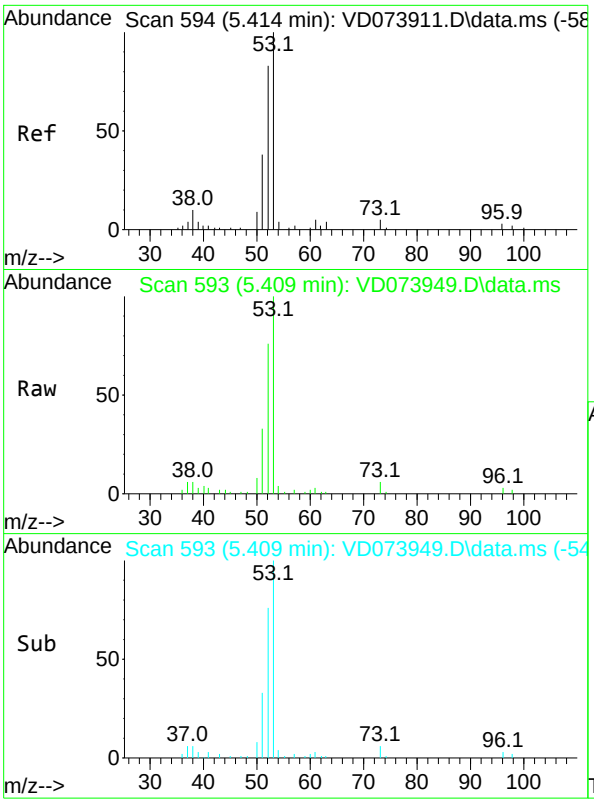


#14
Allyl chloride
Concen: 48.037 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 41 Resp: 101874

Ion	Ratio	Lower	Upper
41	100		
39	81.6	62.6	94.0
76	43.4	33.9	50.9

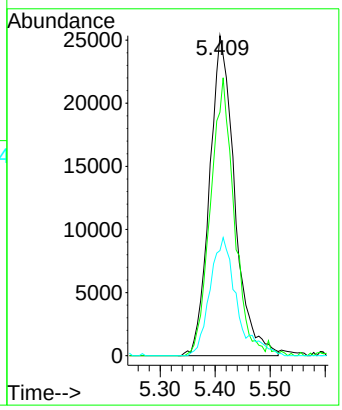




#15
Acrylonitrile
Concen: 250.109 ug/l
RT: 5.409 min Scan# 5
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 53 Resp: 8047

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.5	98.3
51	39.2	30.4	45.6



Instrument :
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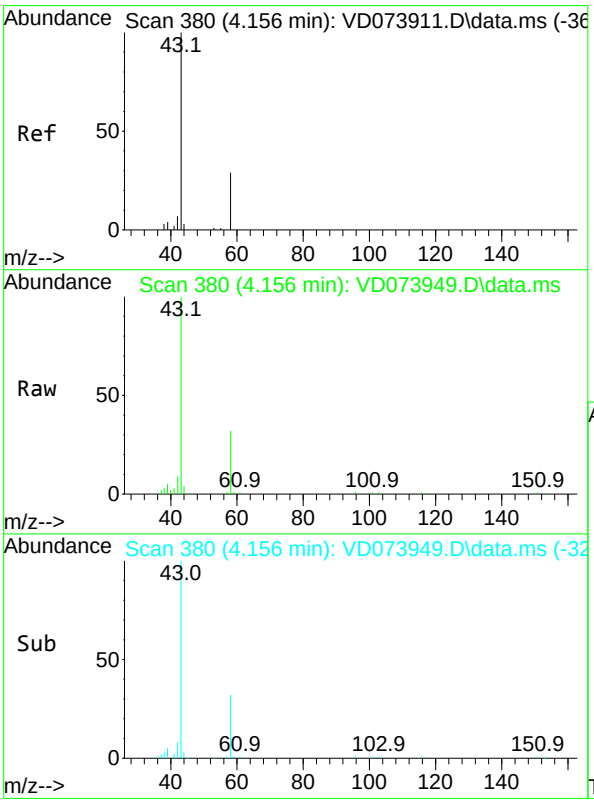
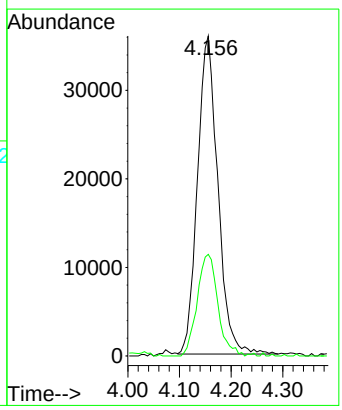
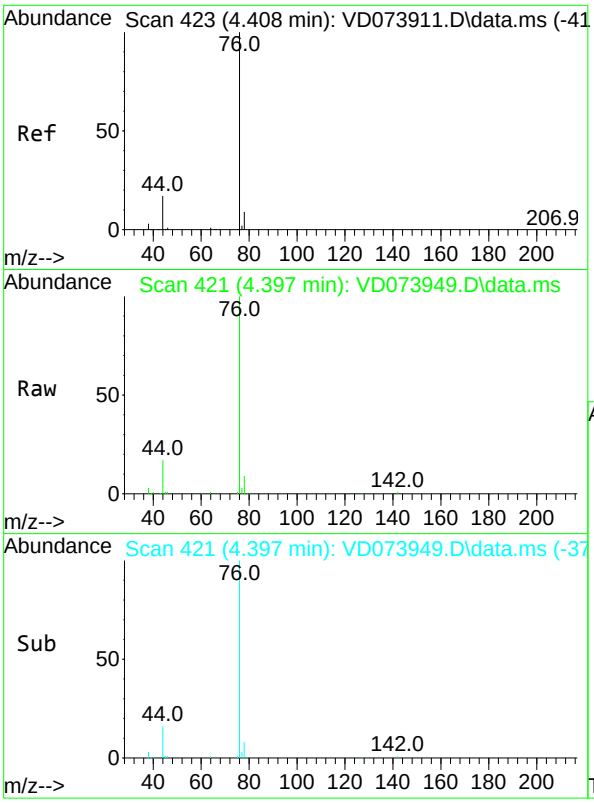


#16
Acetone
Concen: 302.007 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 98593

Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.0	34.6





#17
Carbon Disulfide
Concen: 47.060 ug/l
RT: 4.397 min Scan# 4
Delta R.T. -0.011 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 76 Resp: 22680

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

Instrument :
MSVOA_D
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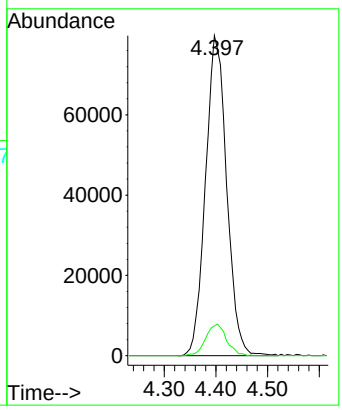
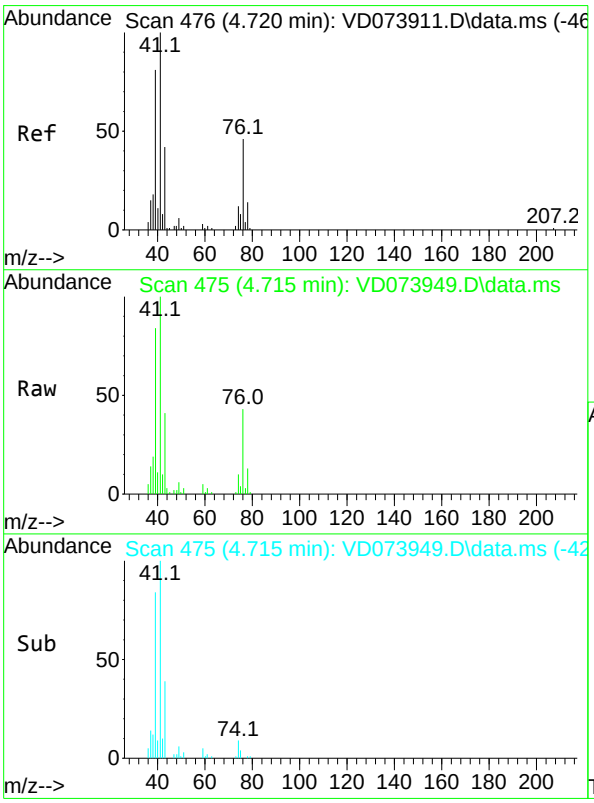
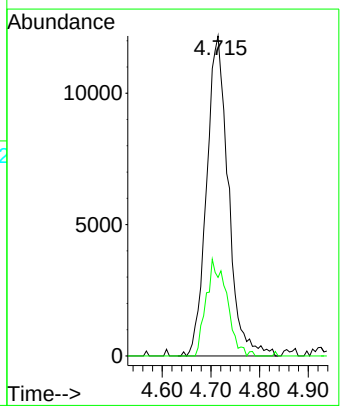


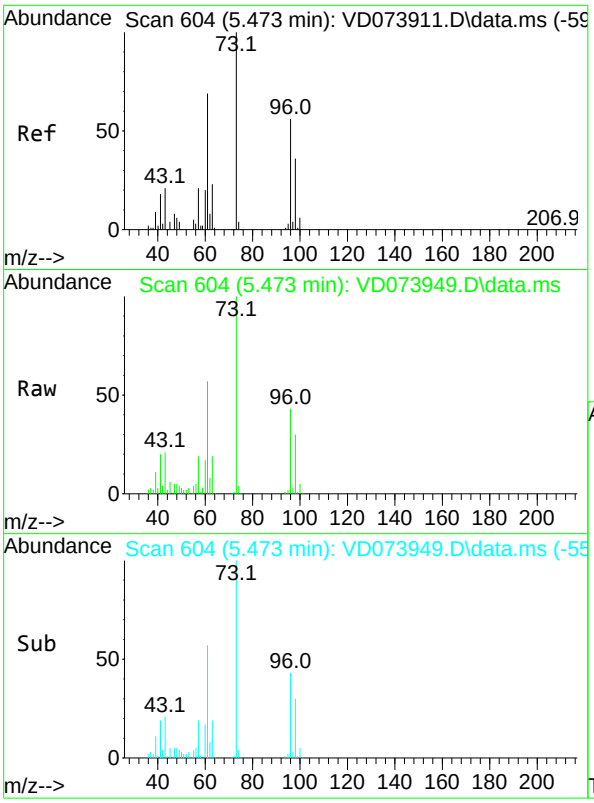


#18
Methyl Acetate
Concen: 48.671 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 37675

Ion	Ratio	Lower	Upper
43	100		
74	28.8	21.2	31.8

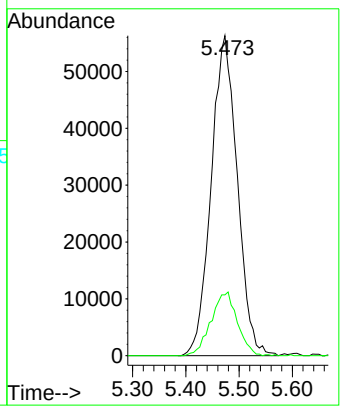




#19
Methyl tert-butyl Ether
Concen: 50.472 ug/l
RT: 5.473 min Scan# 6
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 73 Resp: 19166

Ion	Ratio	Lower	Upper
73	100		
57	19.0	17.0	25.4



Instrument :
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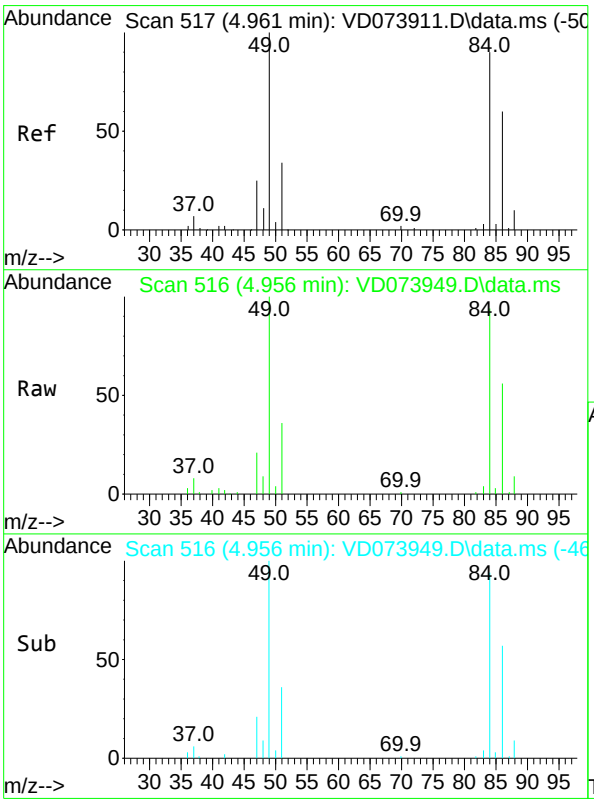
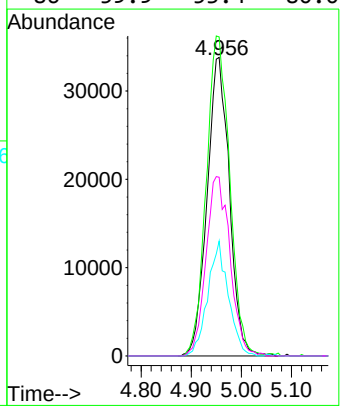
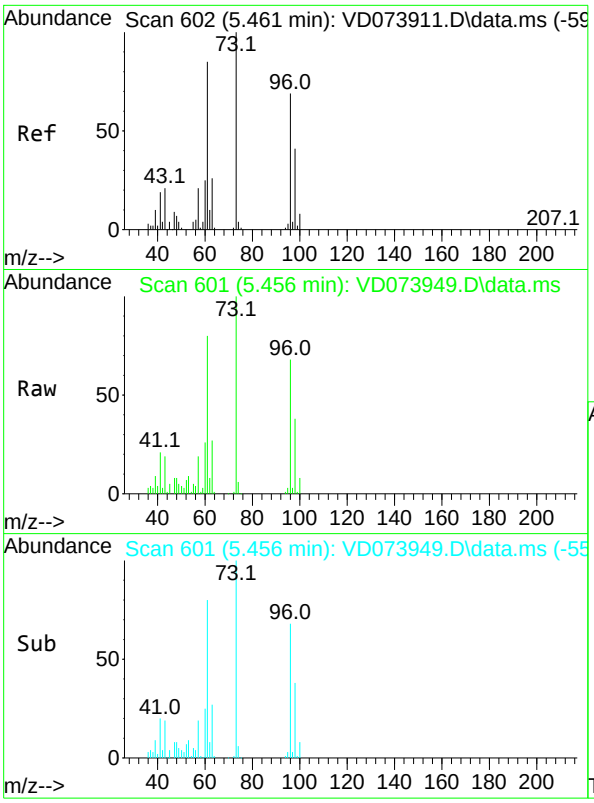


#20
Methylene Chloride
Concen: 47.188 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 84 Resp: 104580

Ion	Ratio	Lower	Upper
84	100		
49	106.8	89.1	133.7
51	38.5	29.8	44.8
86	59.9	53.4	80.0

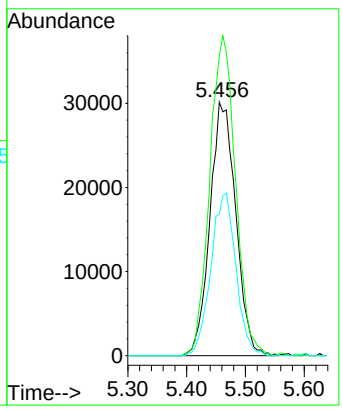




#21
trans-1,2-Dichloroethene
Concen: 49.243 ug/l
RT: 5.456 min Scan# 6
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 96 Resp: 9205

Ion	Ratio	Lower	Upper
96	100		
61	118.3	98.7	148.1
98	55.6	47.3	70.9



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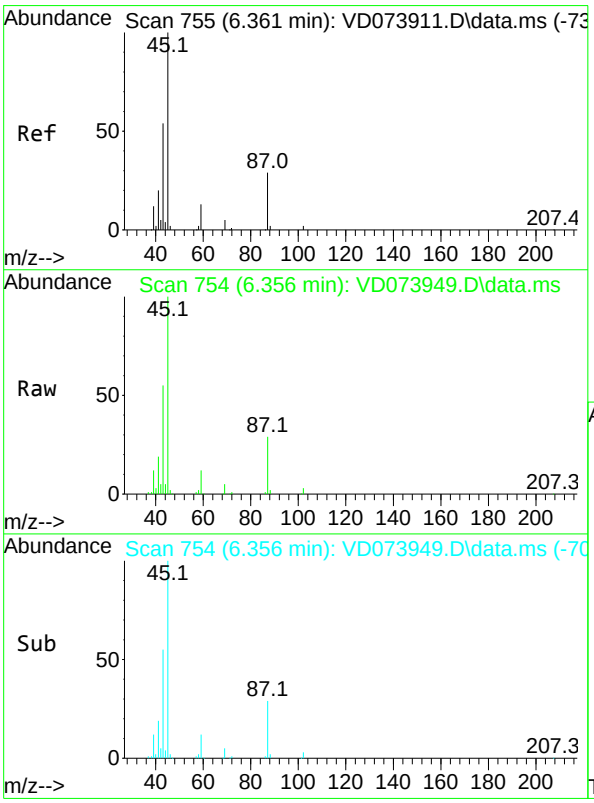
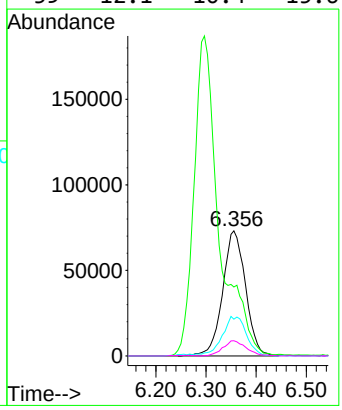
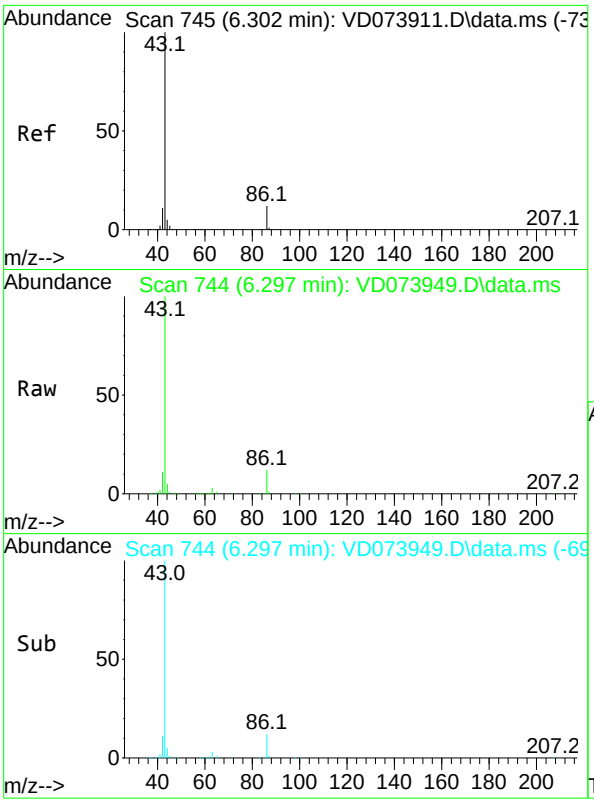


#22
Diisopropyl ether
Concen: 50.390 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 45 Resp: 232022

Ion	Ratio	Lower	Upper
45	100		
43	53.8	46.2	69.4
87	29.4	24.0	36.0
59	12.1	10.4	15.6

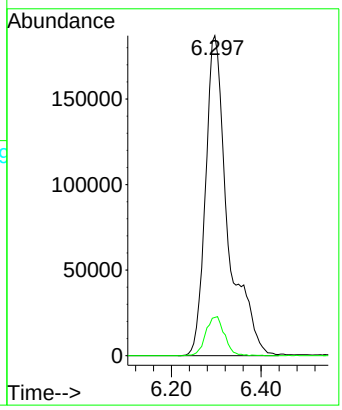




#23
Vinyl Acetate
Concen: 266.884 ug/l
RT: 6.297 min Scan# 74
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 64947

Ion	Ratio	Lower	Upper
43	100		
86	12.0	9.7	14.5



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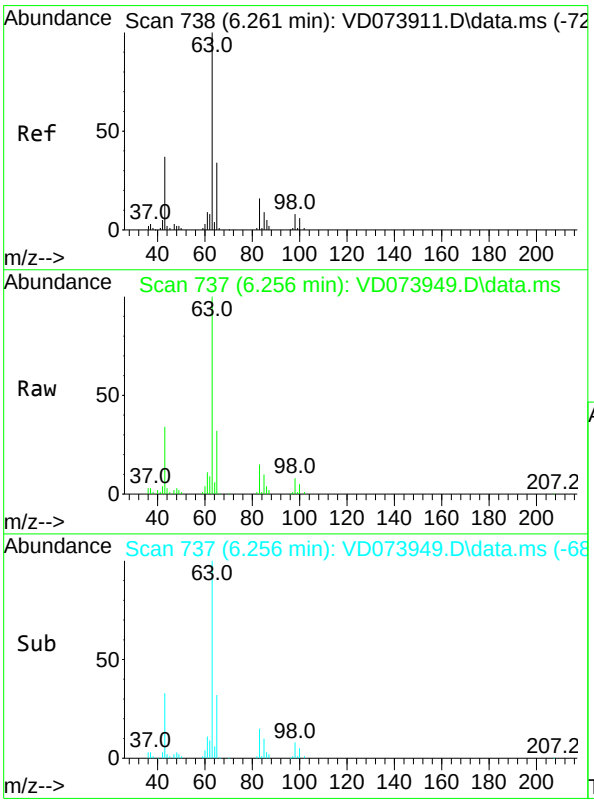
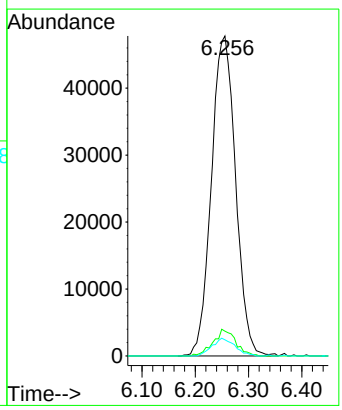
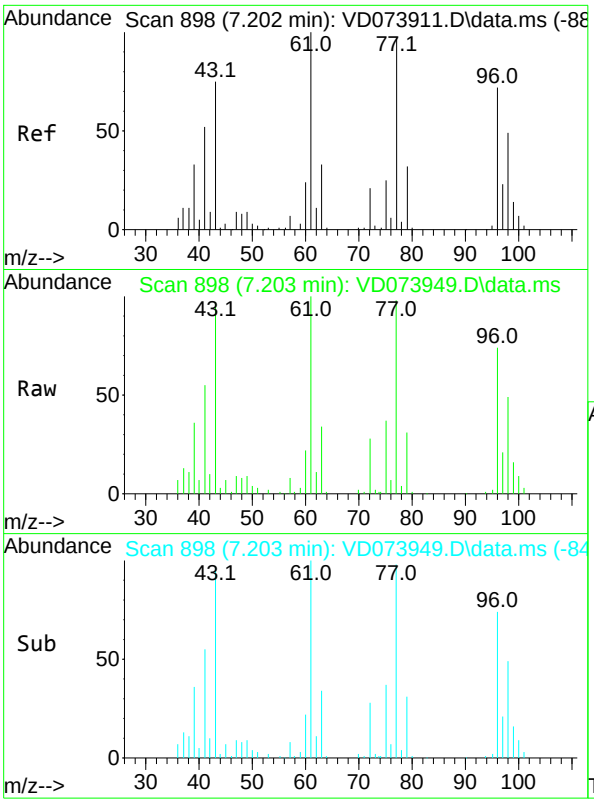


#24
1,1-Dichloroethane
Concen: 48.507 ug/l
RT: 6.256 min Scan# 737
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 63 Resp: 151081

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.9	11.5
100	5.0	2.8	8.4

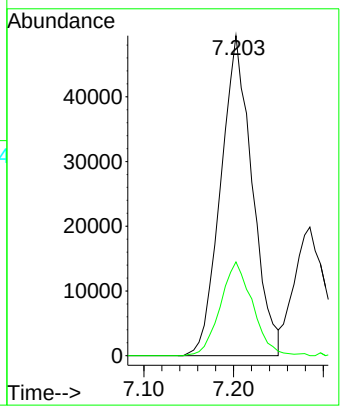




#25
2-Butanone
Concen: 278.328 ug/l
RT: 7.203 min Scan# 8
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 12076

Ion	Ratio	Lower	Upper
43	100		
72	29.3	22.7	34.1



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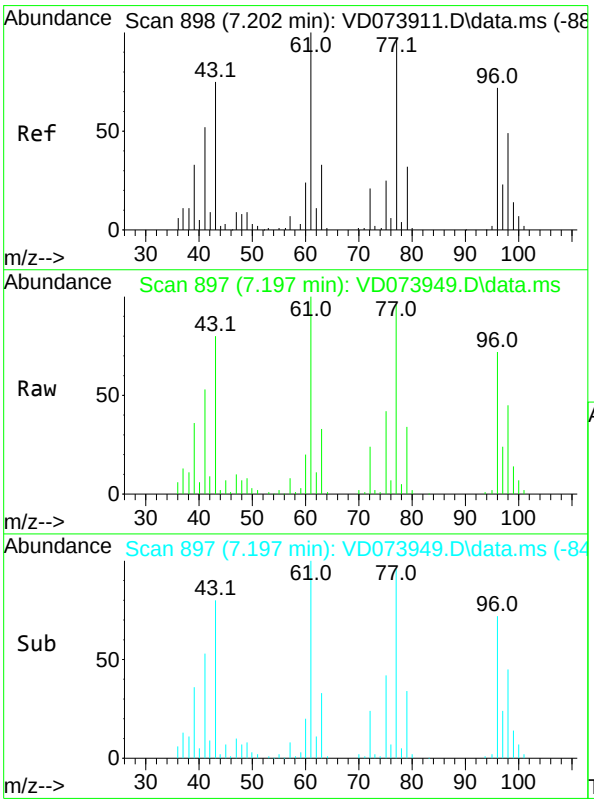
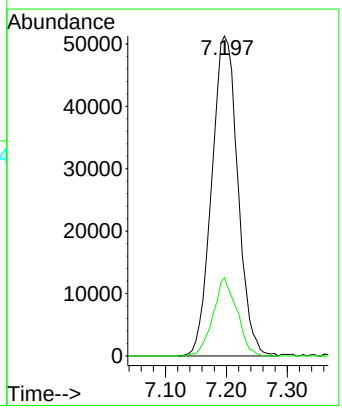
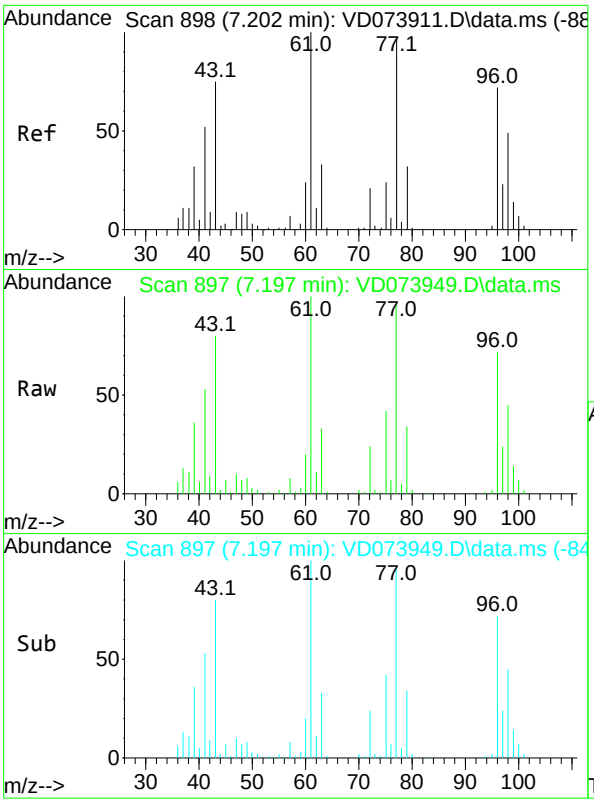


#26
2,2-Dichloropropane
Concen: 48.494 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 77 Resp: 152723

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.6	34.8





#27
cis-1,2-Dichloroethene
Concen: 48.726 ug/l
RT: 7.197 min Scan# 8
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 96 Resp: 10254

Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	272.0
98	65.8	0.0	129.2

Instrument :
MSVOA_D
ClientSampleId :
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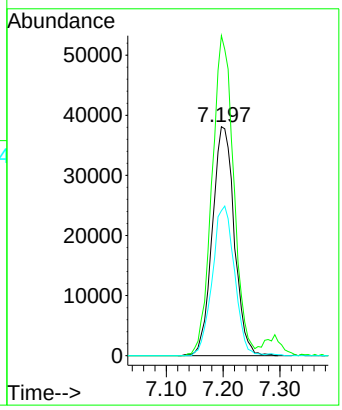
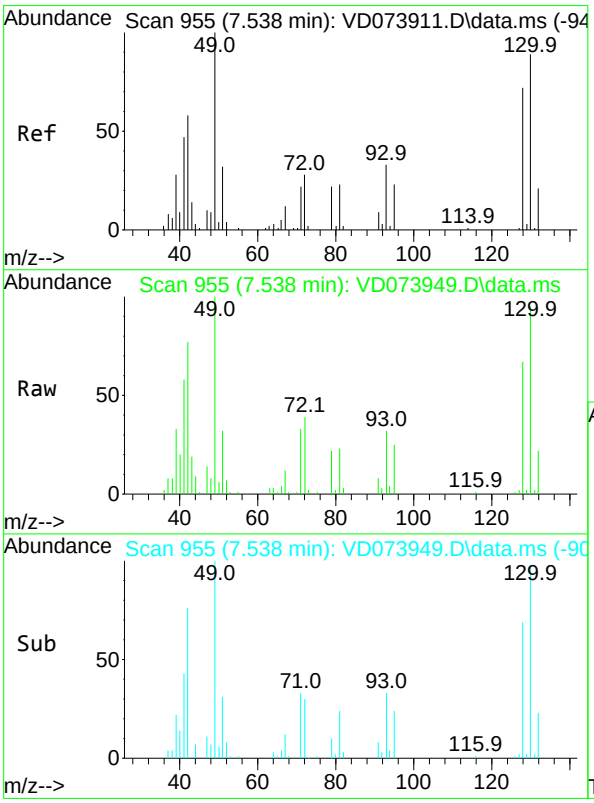
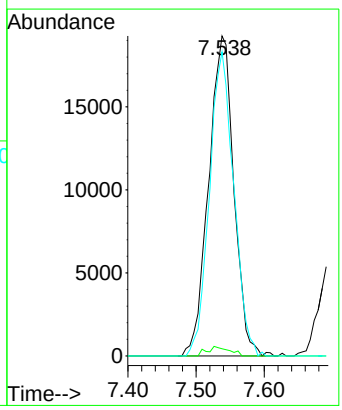


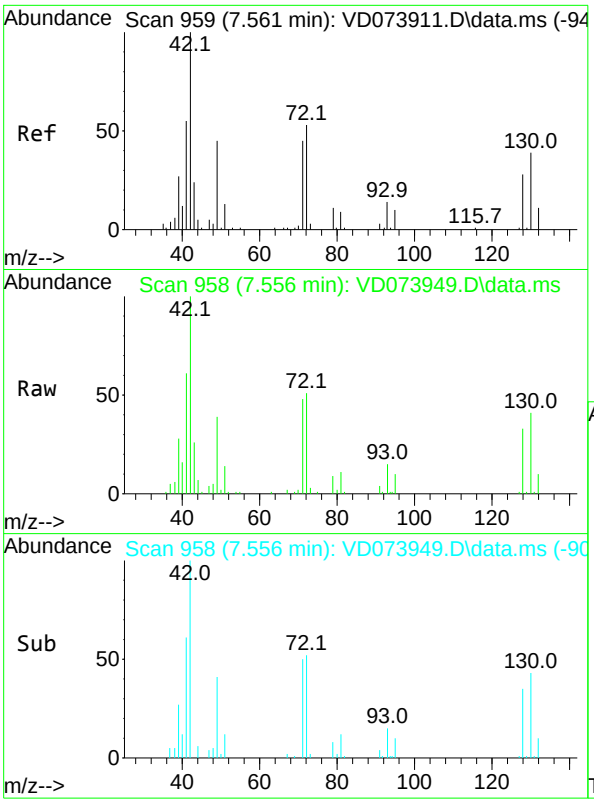


#28
Bromochloromethane
Concen: 47.808 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 49 Resp: 49690

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	91.4	72.0	108.0

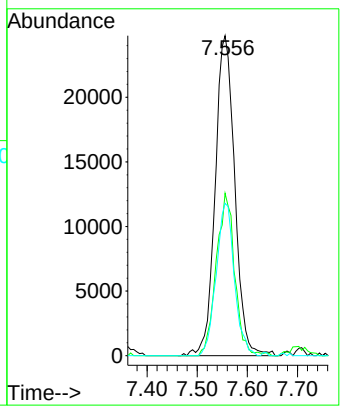




#29
Tetrahydrofuran
Concen: 265.062 ug/l
RT: 7.556 min Scan# 9
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 42 Resp: 6719

Ion	Ratio	Lower	Upper
42	100		
72	47.8	39.0	58.4
71	44.2	35.7	53.5



Instrument :
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ClientSampleId :
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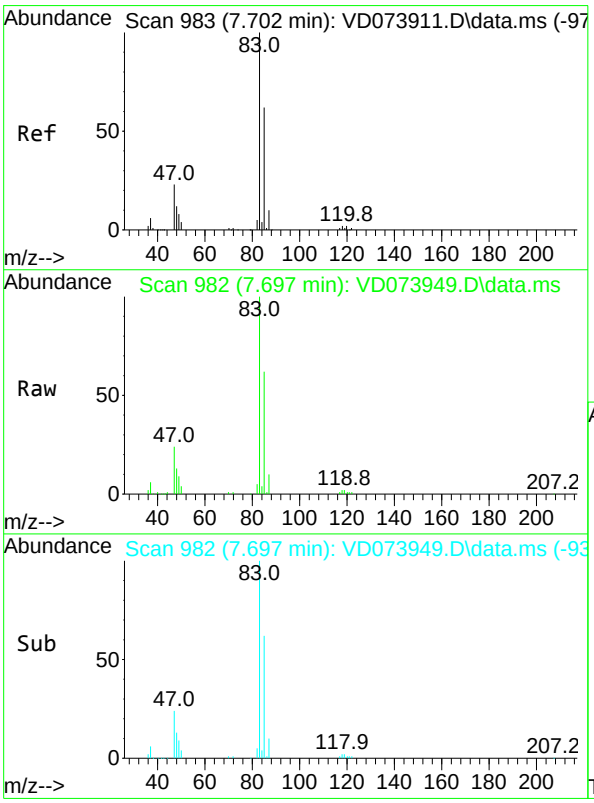
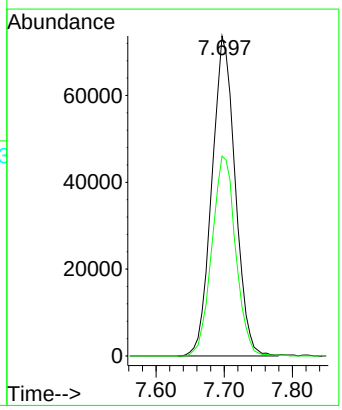
Supervised By :Mahesh Dadoda 08/05/2022

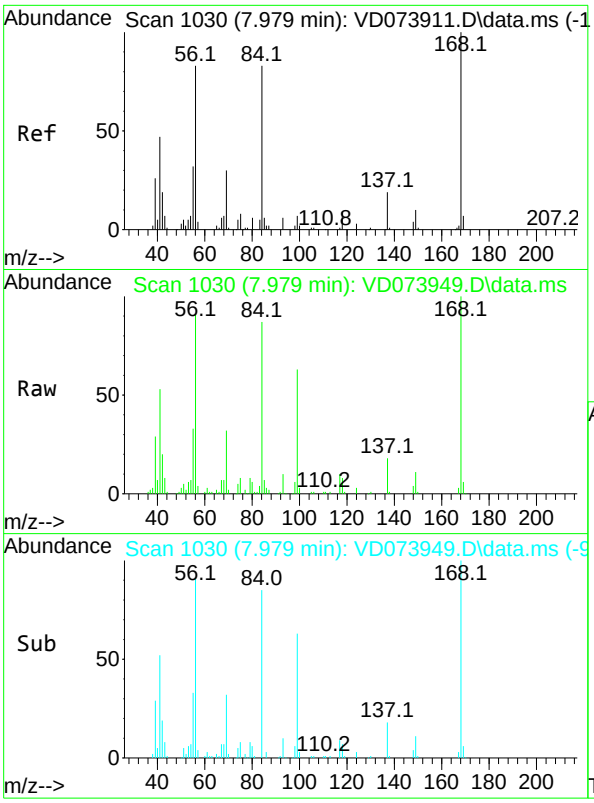


#30
Chloroform
Concen: 49.372 ug/l
RT: 7.697 min Scan# 982
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 83 Resp: 175222

Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.8	74.8

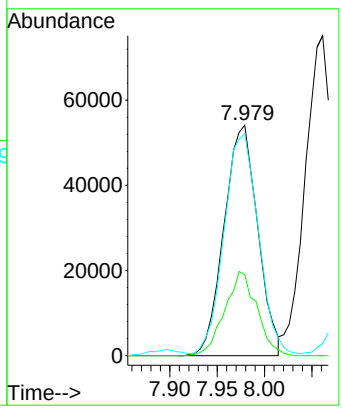




#31
Cyclohexane
Concen: 48.605 ug/l
RT: 7.979 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 56 Resp: 13380

Ion	Ratio	Lower	Upper
56	100		
69	35.2	29.2	43.8
84	94.4	80.0	120.0



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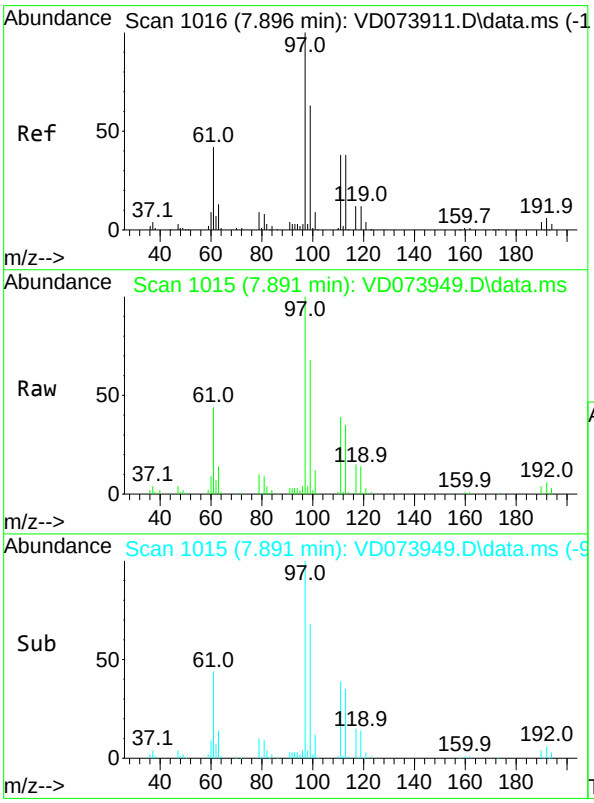
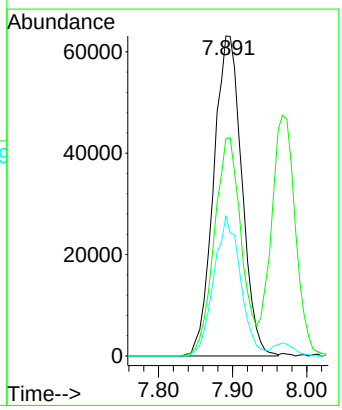
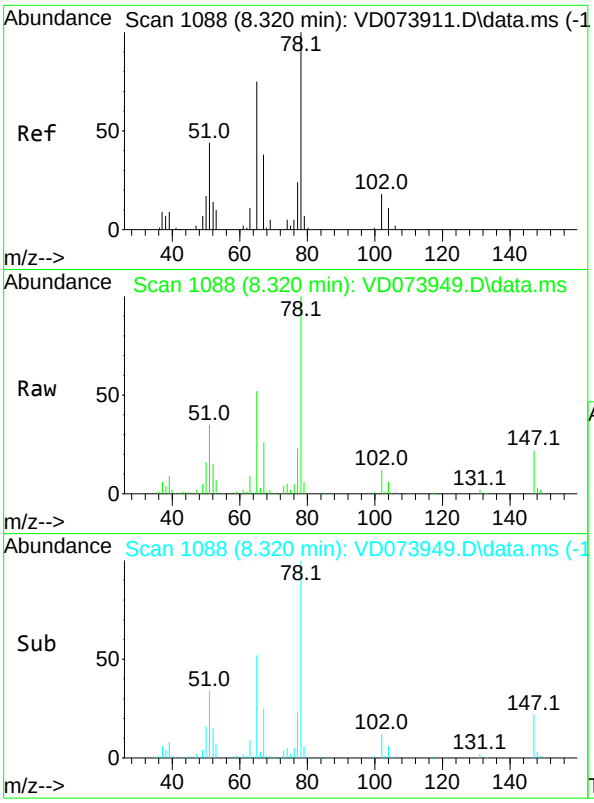


#32
1,1,1-Trichloroethane
Concen: 49.307 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 97 Resp: 166623

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	41.3	33.4	50.0

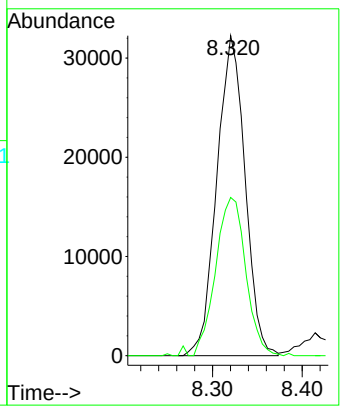




#33
1,2-Dichloroethane-d4
Concen: 47.980 ug/l
RT: 8.320 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 65 Resp: 7045

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.8



Instrument :
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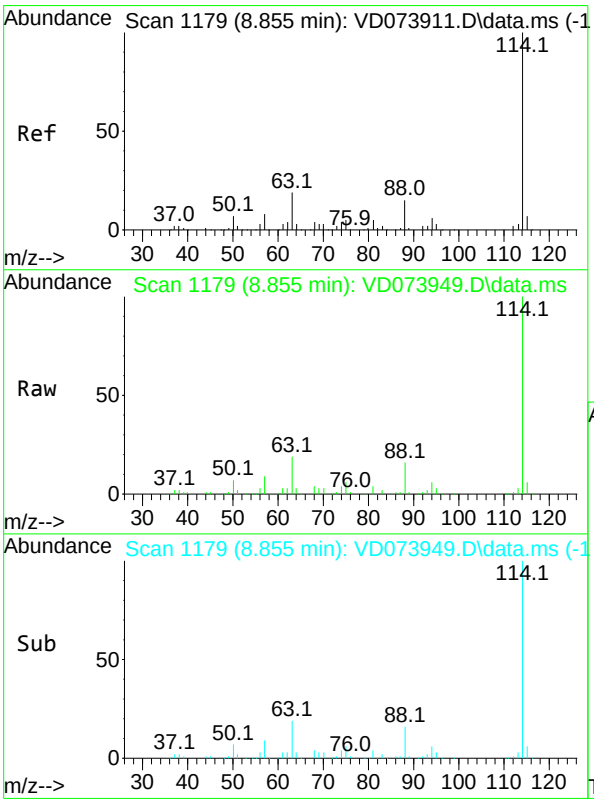
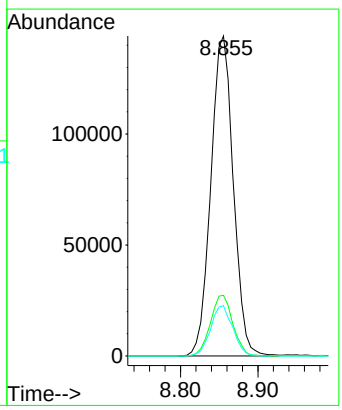
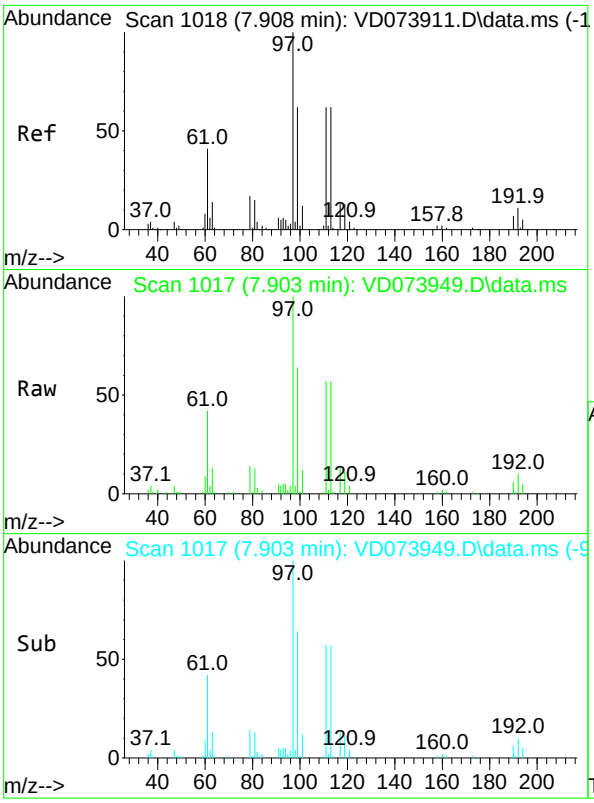


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:114 Resp: 290571

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.6
88	15.7	0.0	30.2

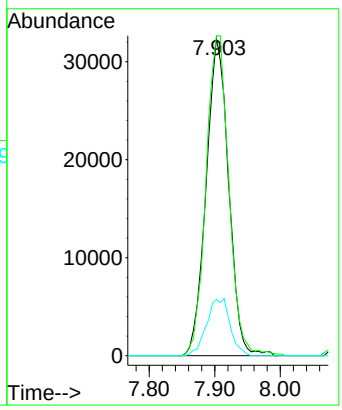




#35
Dibromofluoromethane
Concen: 42.718 ug/l
RT: 7.903 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:113 Resp: 7712

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.7	125.5
192	18.8	15.0	22.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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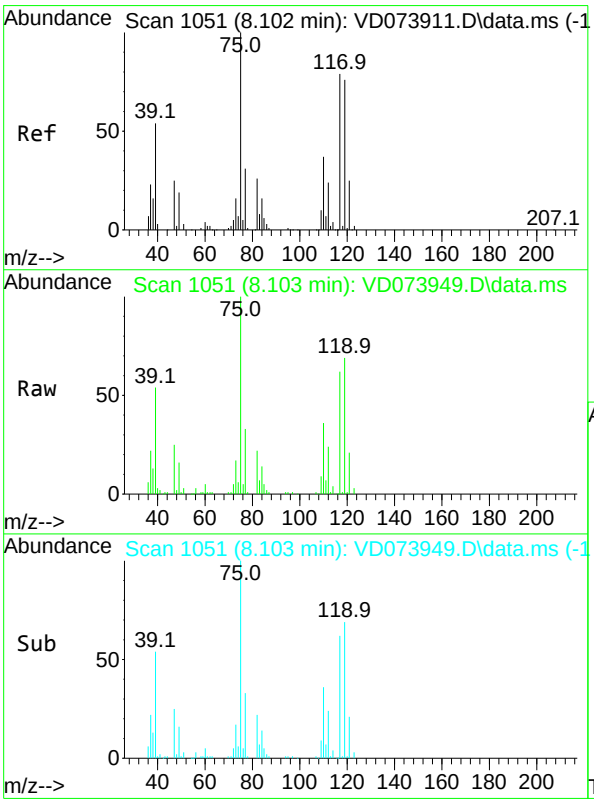
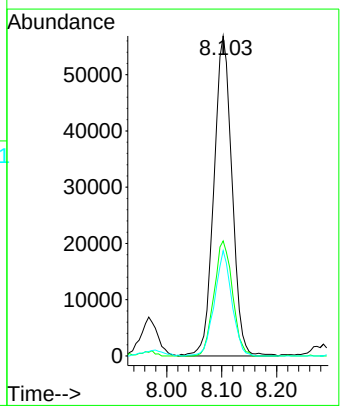
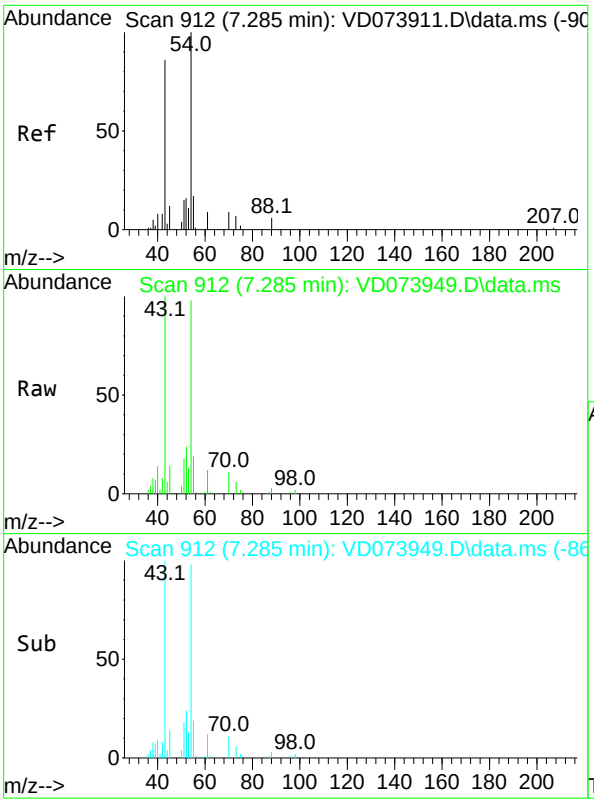


#36
1,1-Dichloropropene
Concen: 50.693 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 75 Resp: 130348

Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.1
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 51.274 ug/l
RT: 7.285 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 4910

Ion	Ratio	Lower	Upper
43	100		
61	12.7	12.7	19.1
70	10.6	9.4	14.0

Instrument :
MSVOA_D
ClientSampleId :
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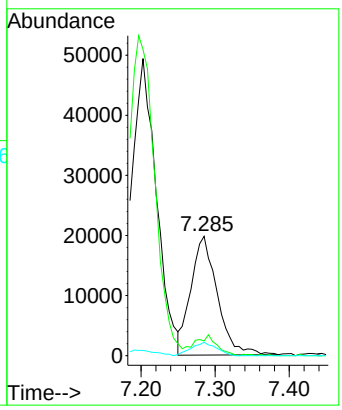
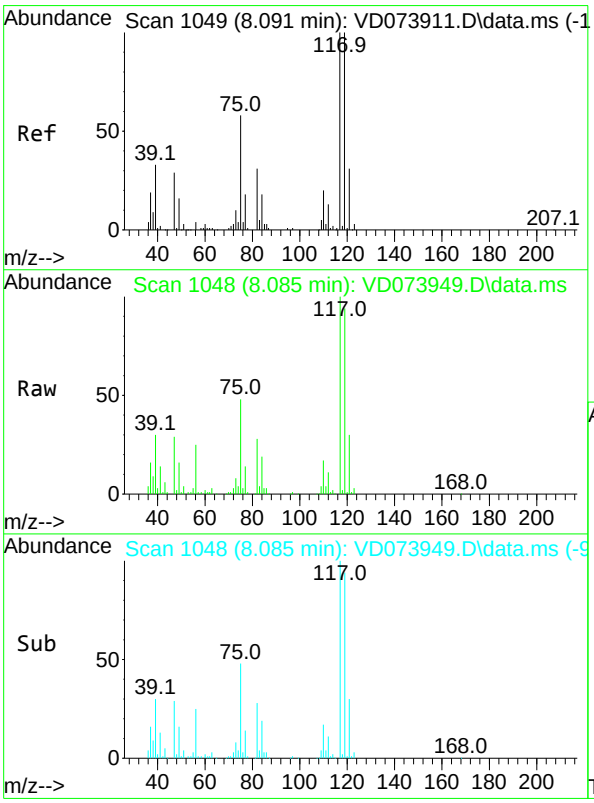
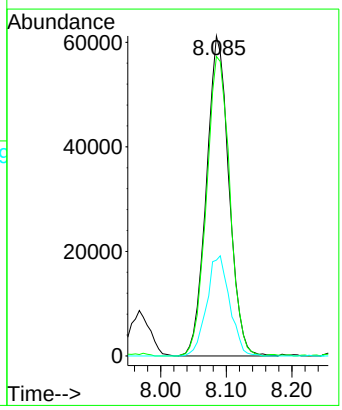


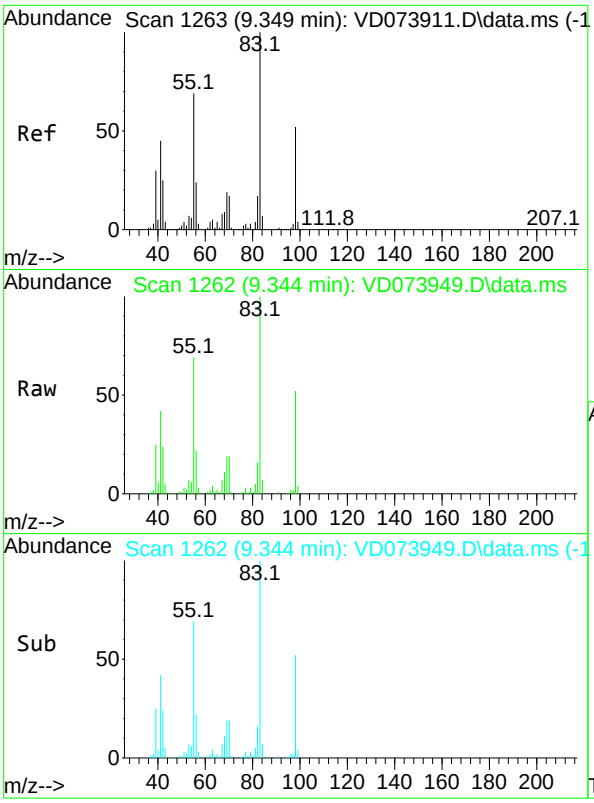


#38
Carbon Tetrachloride
Concen: 50.817 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:117 Resp: 146375

Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.6	119.4
121	29.9	24.4	36.6

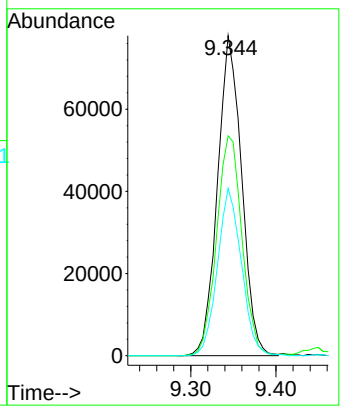




#39
Methylcyclohexane
Concen: 50.828 ug/l
RT: 9.344 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 83 Resp: 15319

Ion	Ratio	Lower	Upper
83	100		
55	68.7	55.6	83.4
98	52.3	41.6	62.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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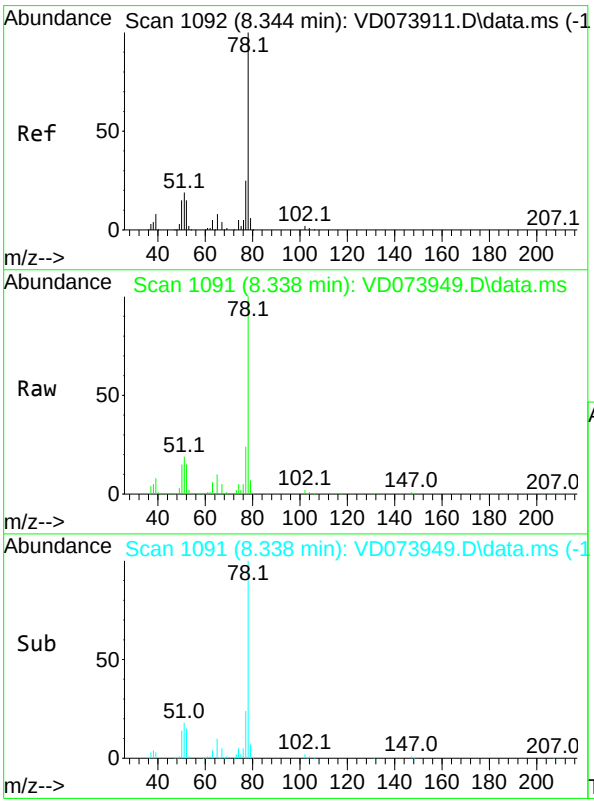
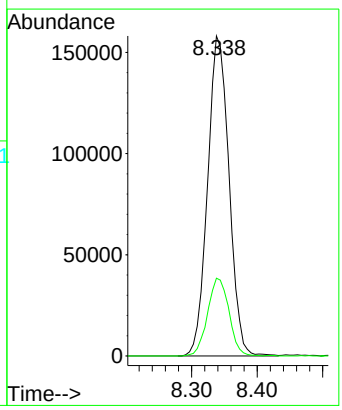
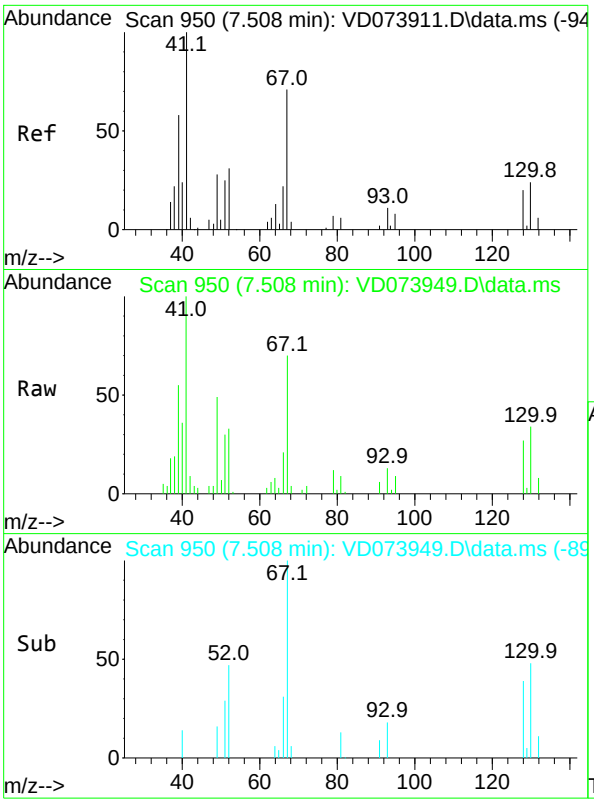


#40
Benzene
Concen: 50.916 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 78 Resp: 359246

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.8	29.6

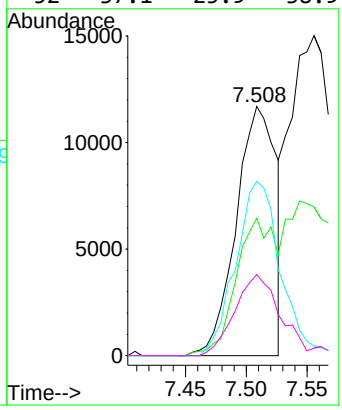




#41
Methacrylonitrile
Concen: 47.981 ug/l
RT: 7.508 min Scan# 9
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 41 Resp: 2652

Ion	Ratio	Lower	Upper
41	100		
39	54.8	46.6	69.8
67	78.3	61.0	91.4
52	37.1	25.9	38.9



Instrument :
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ClientSampleId :
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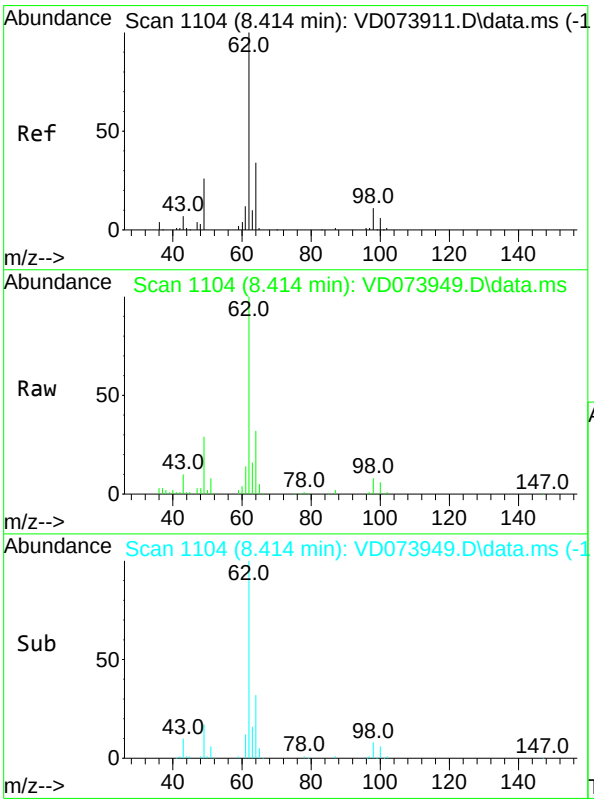
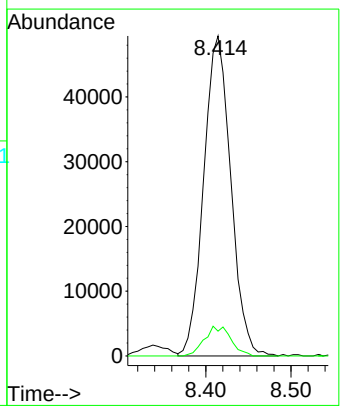
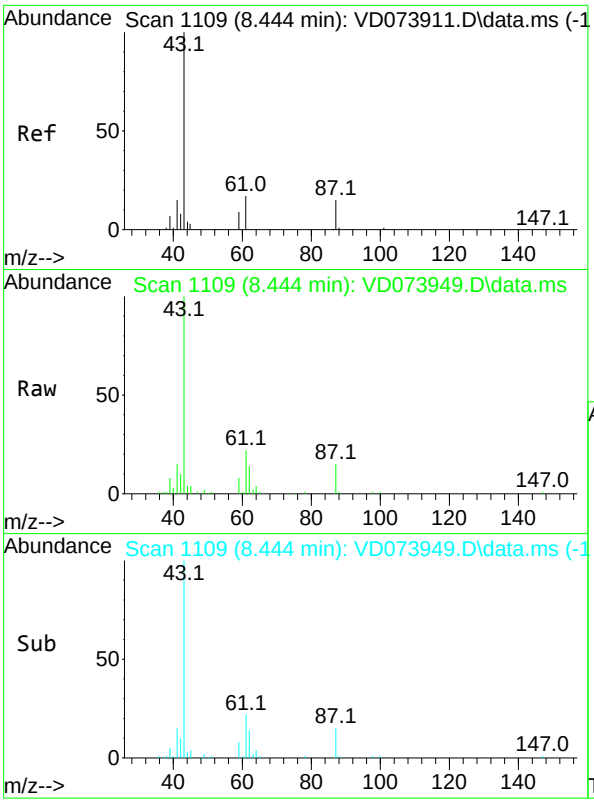


#42
1,2-Dichloroethane
Concen: 50.440 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 62 Resp: 109232

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

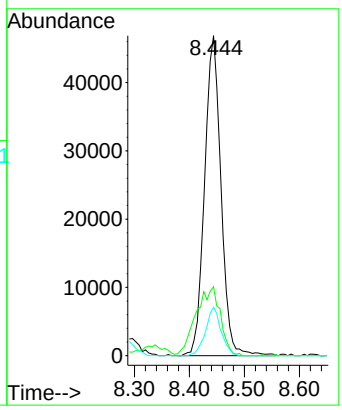




#43
Isopropyl Acetate
Concen: 51.270 ug/l
RT: 8.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 9722

Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.6	37.0
87	14.3	12.2	18.2



Instrument :
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ClientSampleId :
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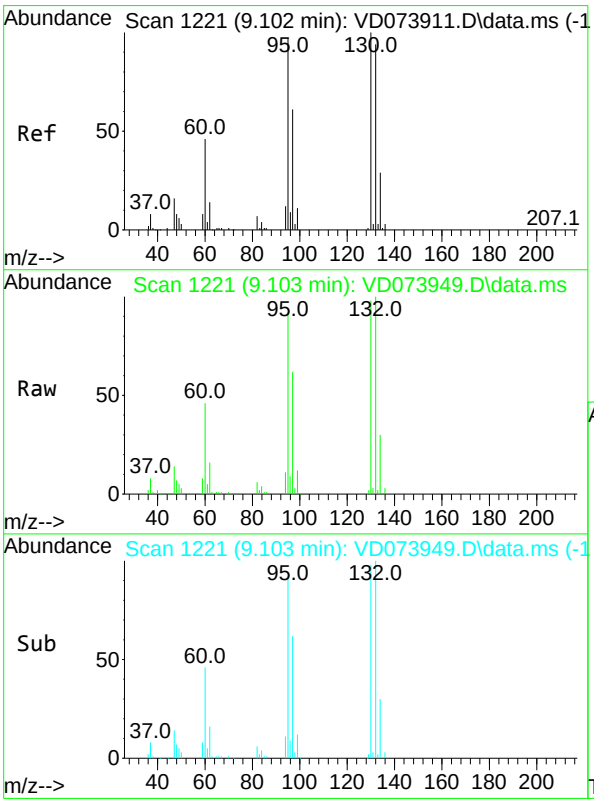
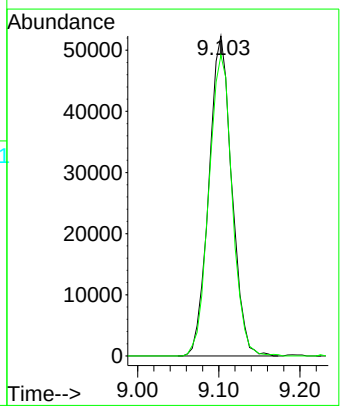
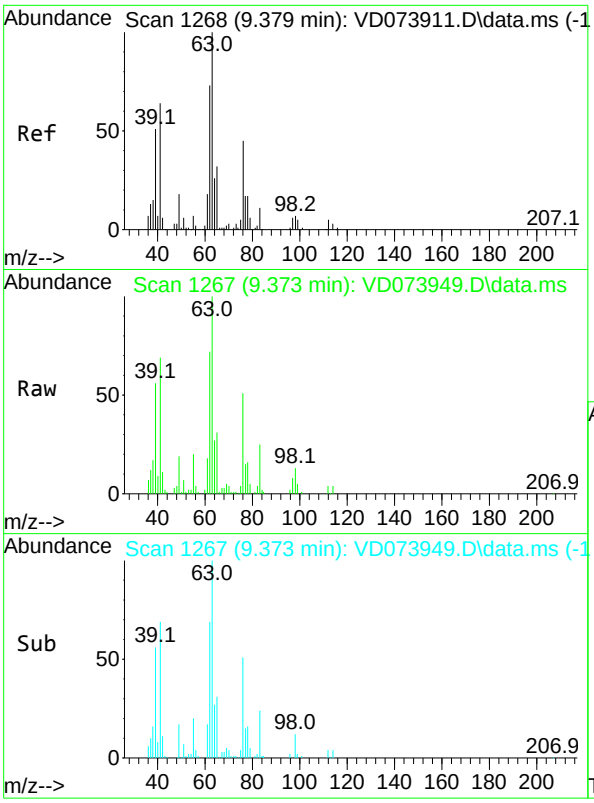


#44
Trichloroethene
Concen: 48.240 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:130 Resp: 102538

Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	194.2

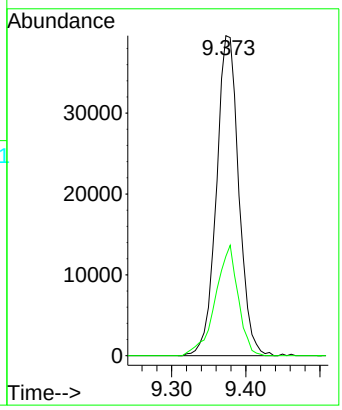




#45
1,2-Dichloropropane
Concen: 48.793 ug/l
RT: 9.373 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 63 Resp: 8284

Ion	Ratio	Lower	Upper
63	100		
65	31.0	26.0	39.0



Instrument :
MSVOA_D
ClientSampleId :
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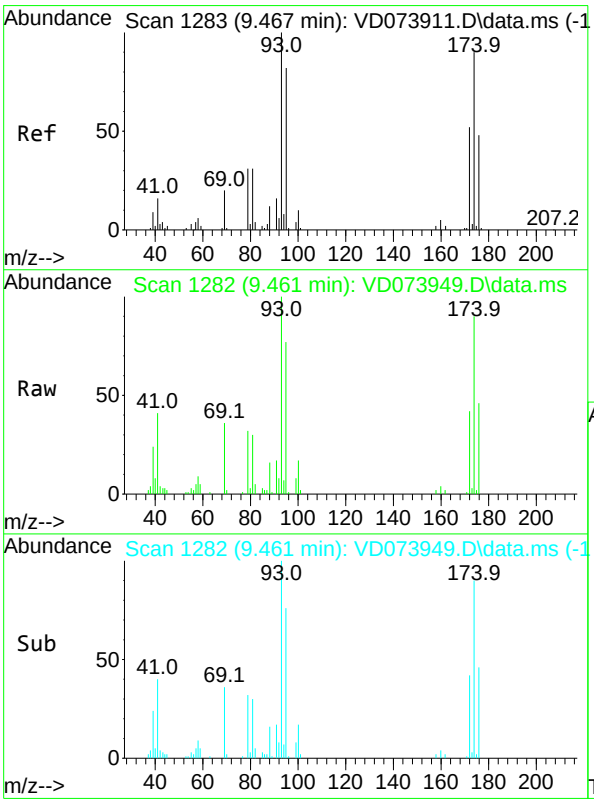
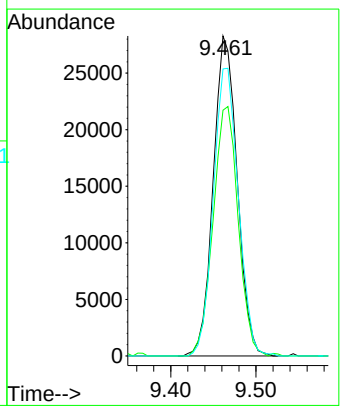
Supervised By :Mahesh Dadoda 08/05/2022

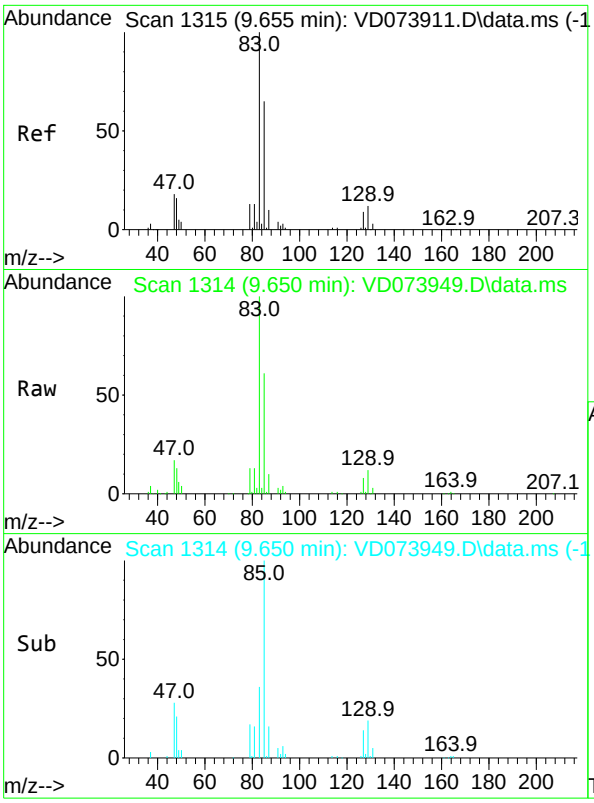


#46
Dibromomethane
Concen: 50.736 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 93 Resp: 55403

Ion	Ratio	Lower	Upper
93	100		
95	81.5	66.2	99.2
174	93.7	76.4	114.6

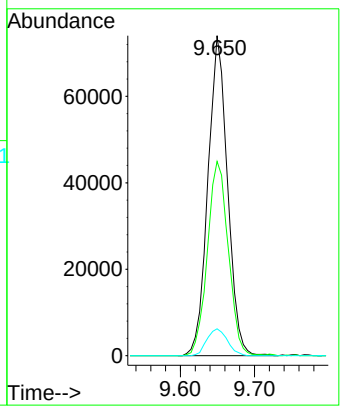




#47
Bromodichloromethane
Concen: 50.271 ug/l
RT: 9.650 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 83 Resp: 13597

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.7	77.5
127	8.4	7.0	10.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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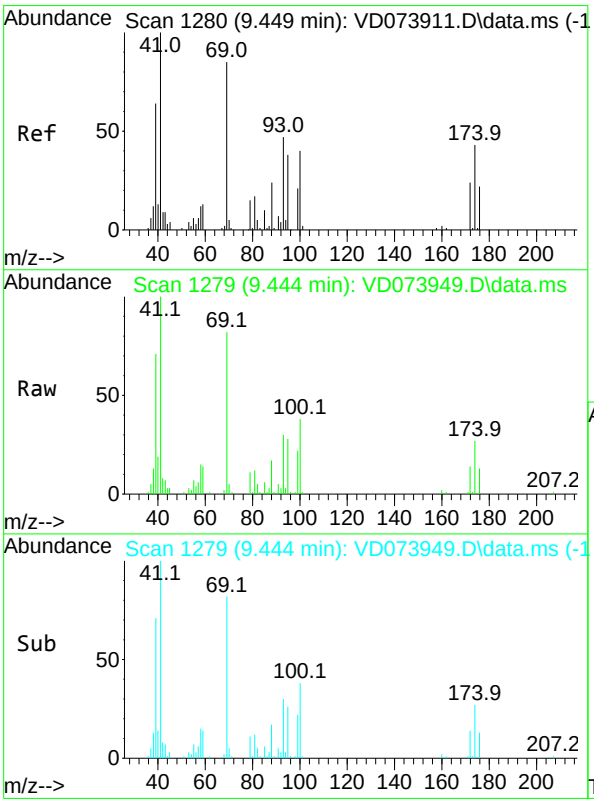
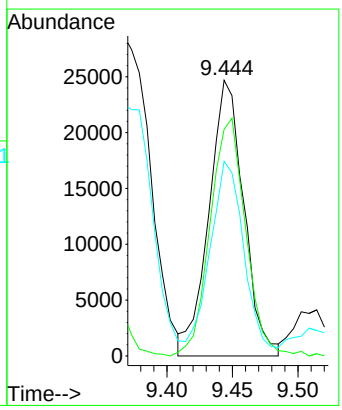
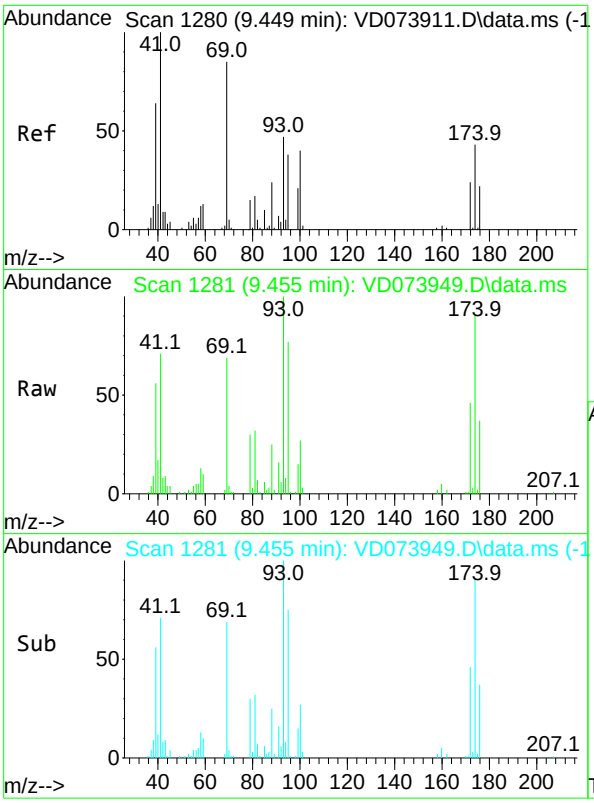


#48
Methyl methacrylate
Concen: 51.436 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 41 Resp: 45518

Ion	Ratio	Lower	Upper
41	100		
69	88.1	68.3	102.5
39	69.4	48.7	73.1

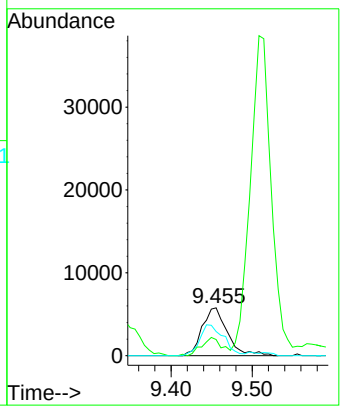




#49
1,4-Dioxane
Concen: 1084.050 ug/l
RT: 9.455 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 88 Resp: 1247

Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.4	41.0
58	61.3	51.9	77.9



Instrument :
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ClientSampleId :
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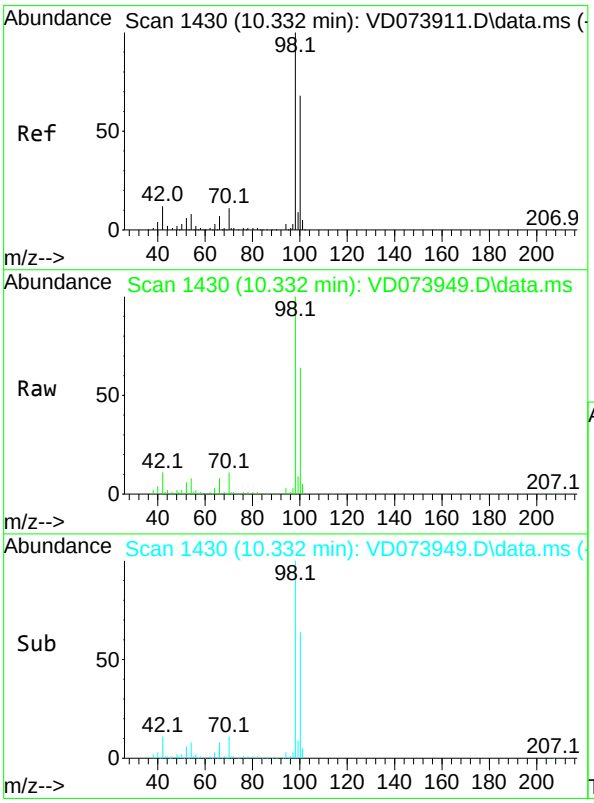
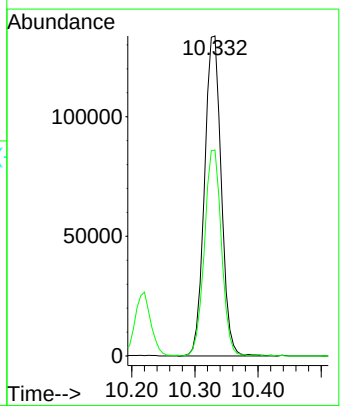
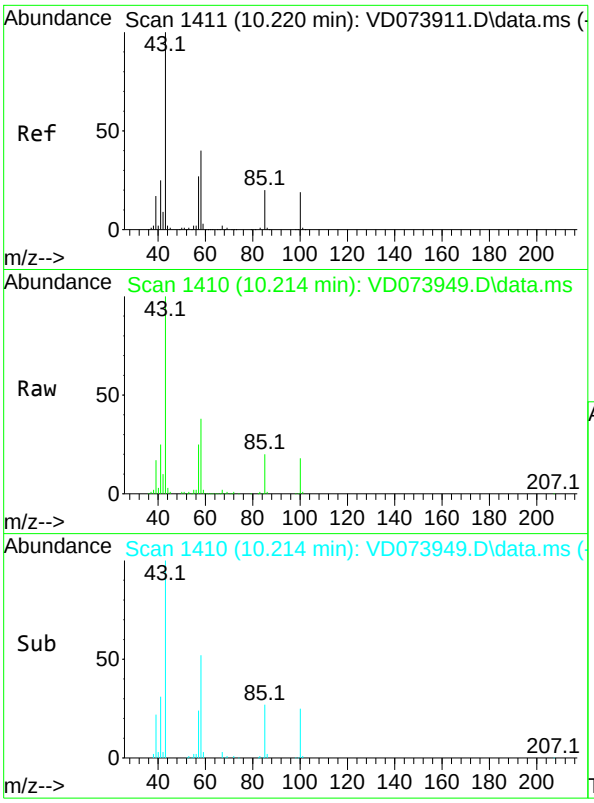


#50
Toluene-d8
Concen: 40.487 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 98 Resp: 246215

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7

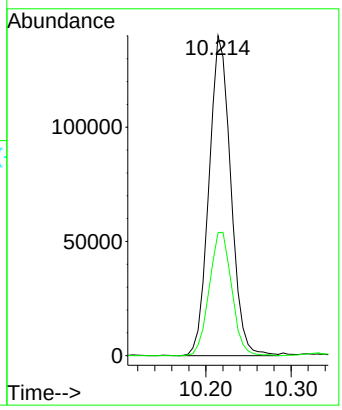




#51
4-Methyl-2-Pentanone
Concen: 263.625 ug/l
RT: 10.214 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 24958

Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.1	48.1



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ClientSampleId :
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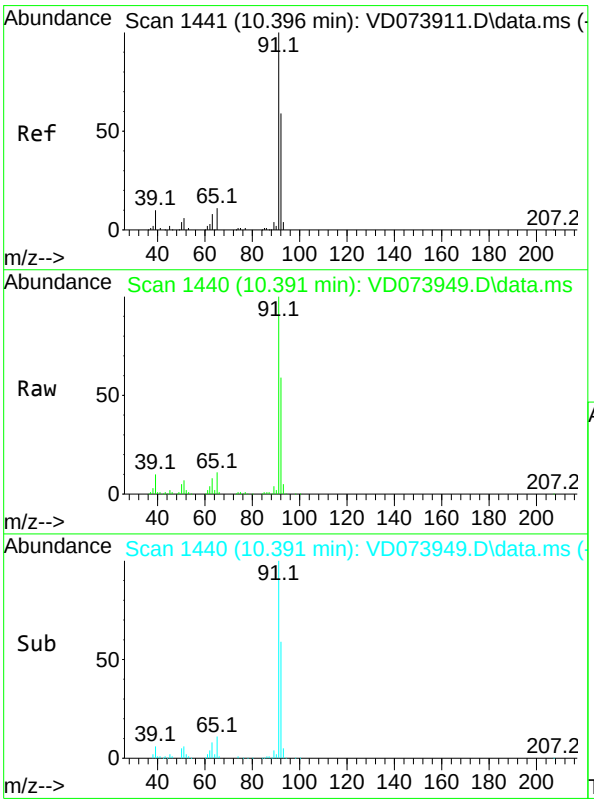
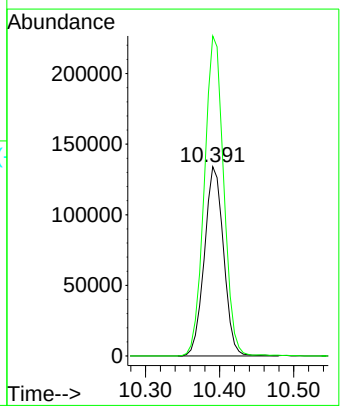
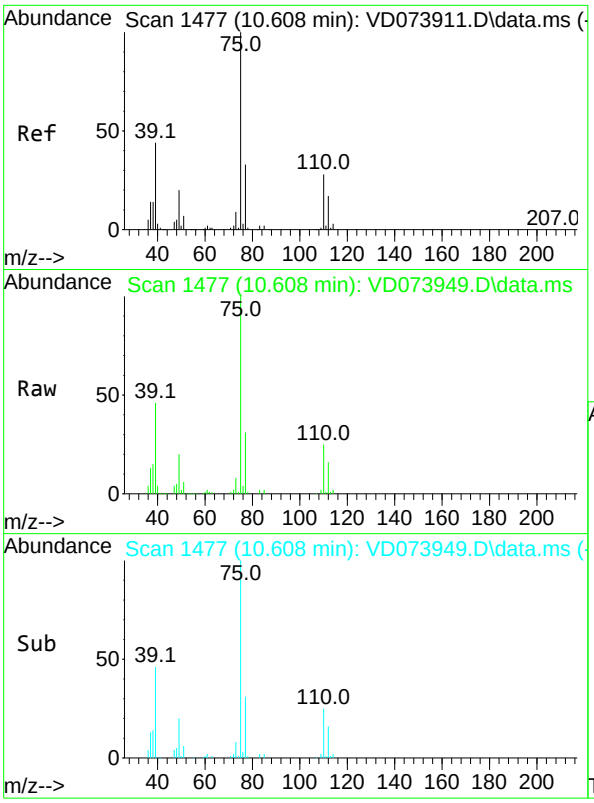


#52
Toluene
Concen: 50.166 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 92 Resp: 240852

Ion	Ratio	Lower	Upper
92	100		
91	170.2	137.7	206.5

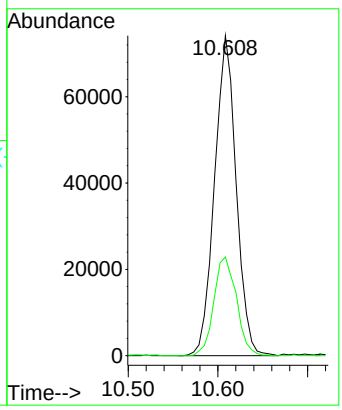




#53
t-1,3-Dichloropropene
Concen: 49.822 ug/l
RT: 10.608 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 75 Resp: 12405

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.6	39.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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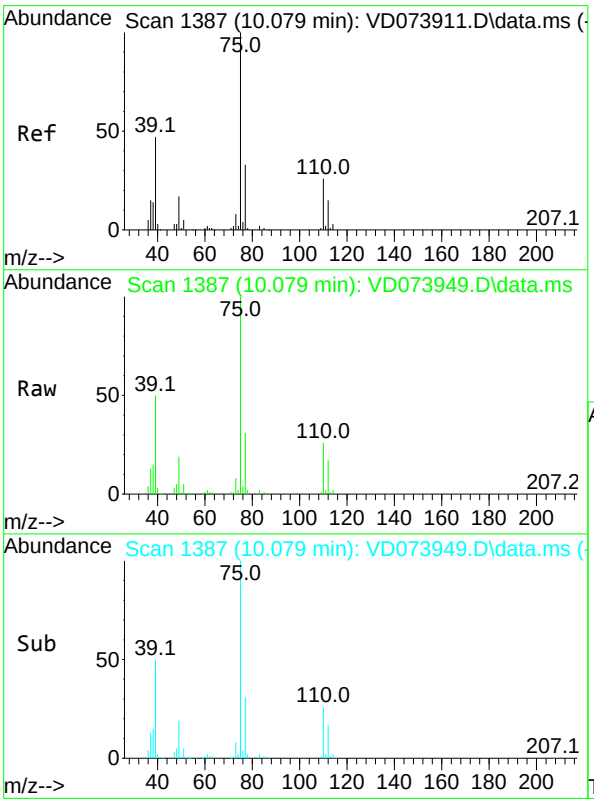
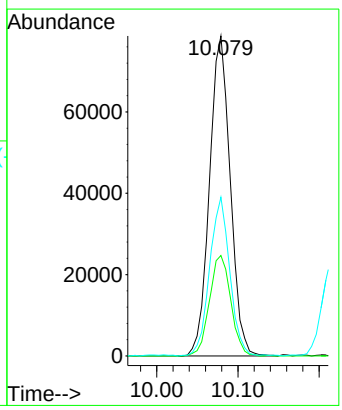
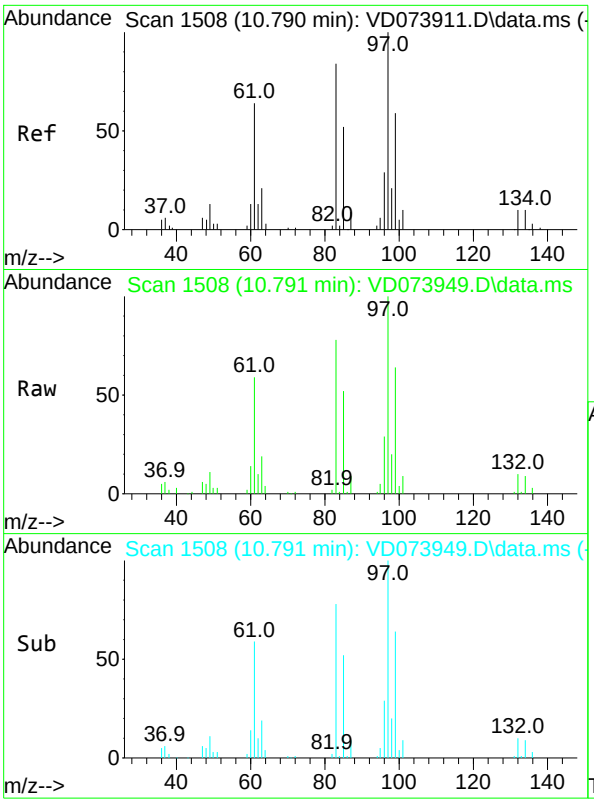


#54
cis-1,3-Dichloropropene
Concen: 49.626 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 75 Resp: 139895

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.0	39.0
39	49.6	37.8	56.6

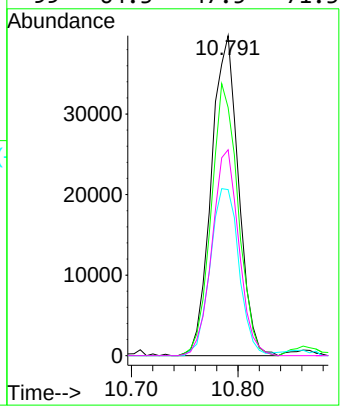




#55
1,1,2-Trichloroethane
Concen: 50.057 ug/l
RT: 10.791 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 97 Resp: 7030

Ion	Ratio	Lower	Upper
97	100		
83	77.5	67.0	100.4
85	51.9	41.8	62.6
99	64.3	47.5	71.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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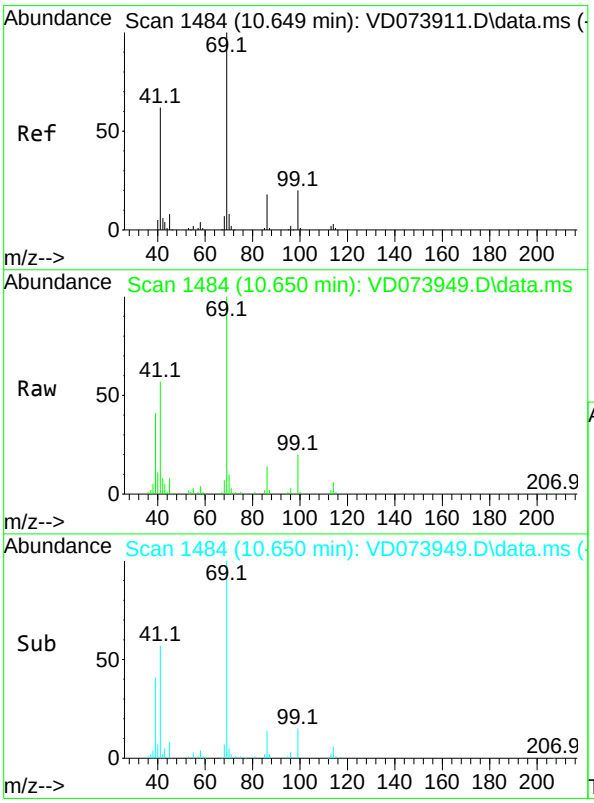
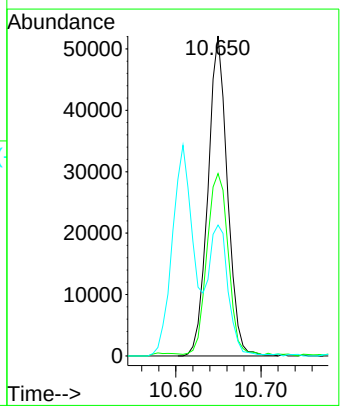
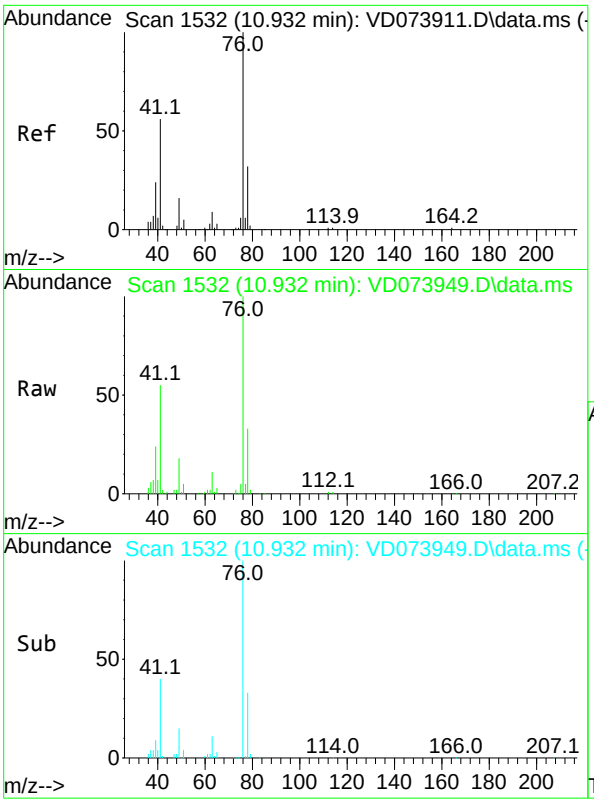


#56
Ethyl methacrylate
Concen: 51.708 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 69 Resp: 82687

Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.9	77.9
39	39.2	32.1	48.1

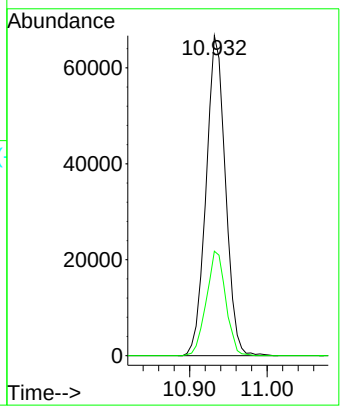




#57
1,3-Dichloropropane
Concen: 50.890 ug/l
RT: 10.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 76 Resp: 11567

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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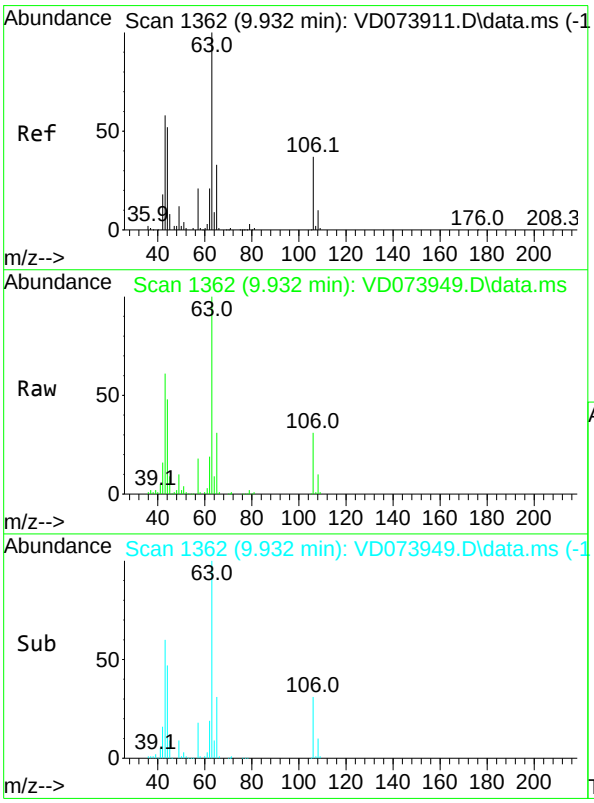
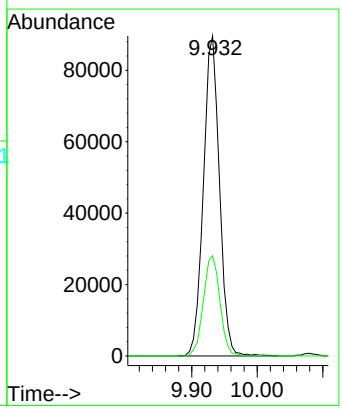
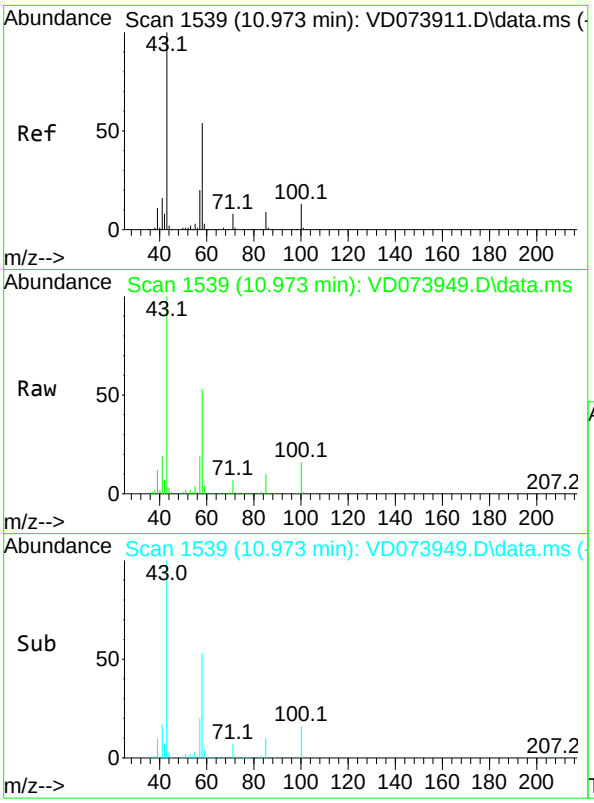


#58
2-Chloroethyl Vinyl ether
Concen: 249.415 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 63 Resp: 152632

Ion	Ratio	Lower	Upper
63	100		
106	32.2	26.3	39.5





#59
2-Hexanone
Concen: 288.123 ug/l
RT: 10.973 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 18458

Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.8	83.4

Instrument :
MSVOA_D
ClientSampleId :
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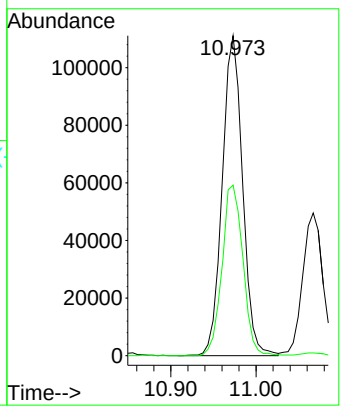
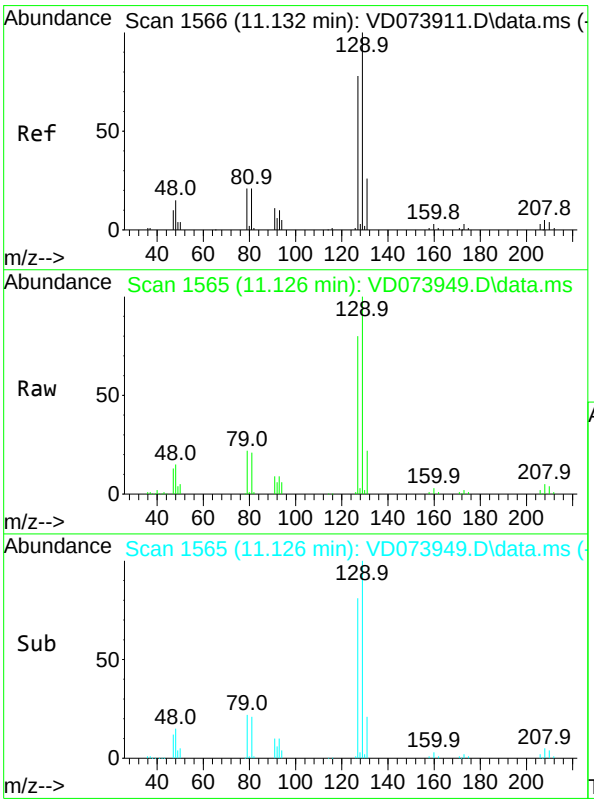
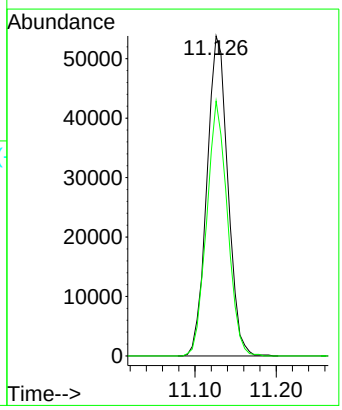


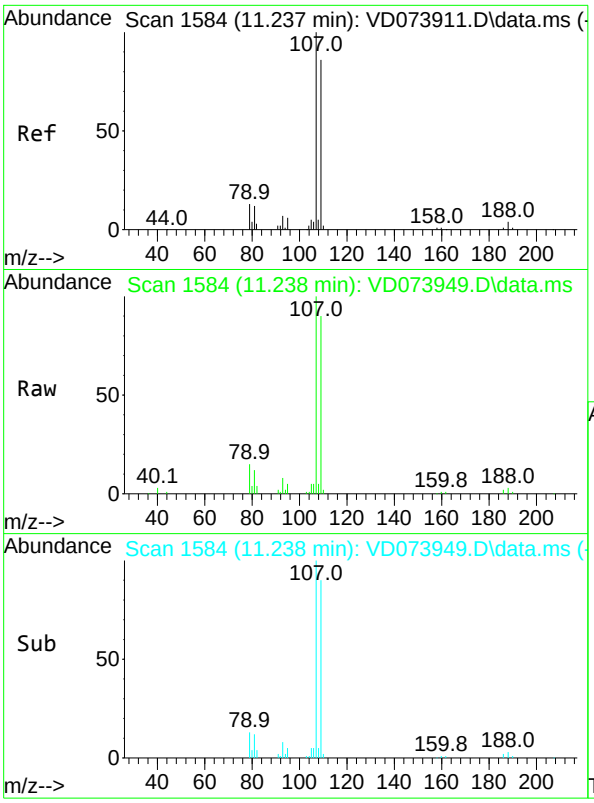


#60
Dibromochloromethane
Concen: 50.883 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:129 Resp: 96421

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.4	118.2





#61
1,2-Dibromoethane
Concen: 50.741 ug/l
RT: 11.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:107 Resp: 7223

Ion	Ratio	Lower	Upper
107	100		
109	94.5	73.8	110.8

Instrument :
MSVOA_D
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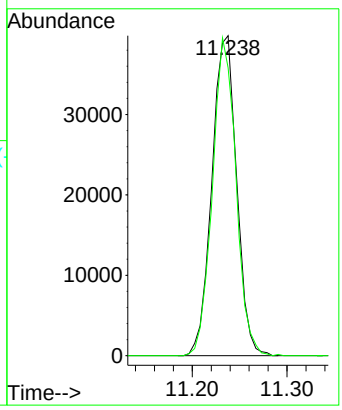
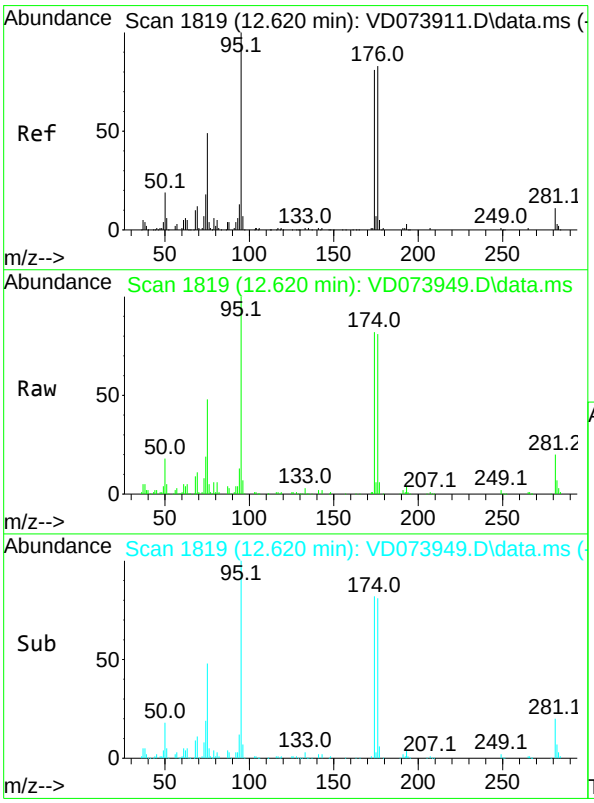
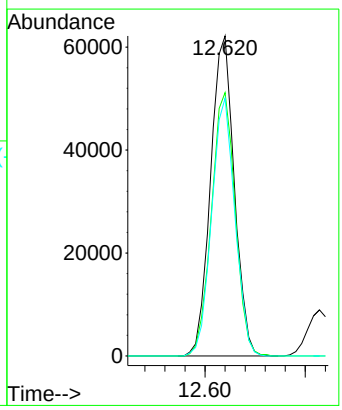


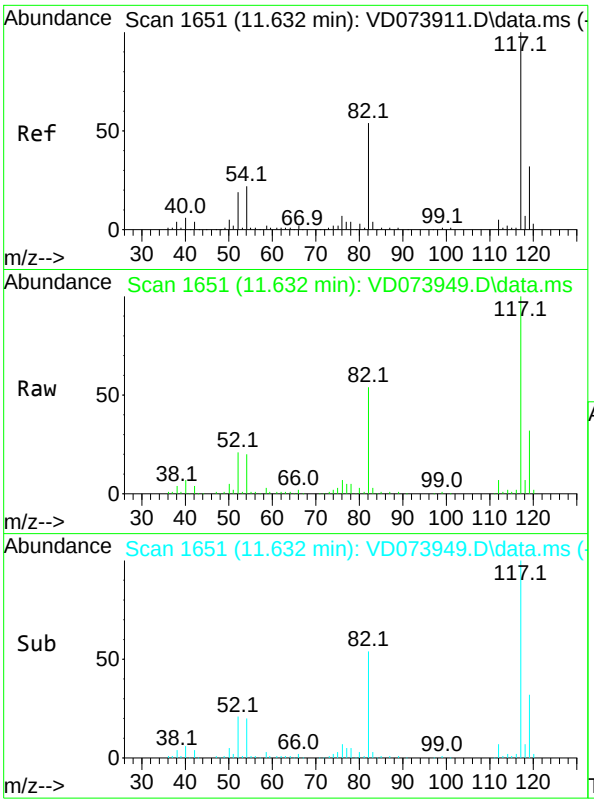


#62
4-Bromofluorobenzene
Concen: 45.590 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 95 Resp: 101956

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	164.2
176	78.9	0.0	161.4

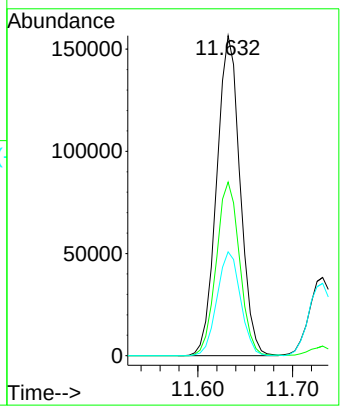




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:117 Resp: 26913

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	32.5	25.8	38.8



Instrument :
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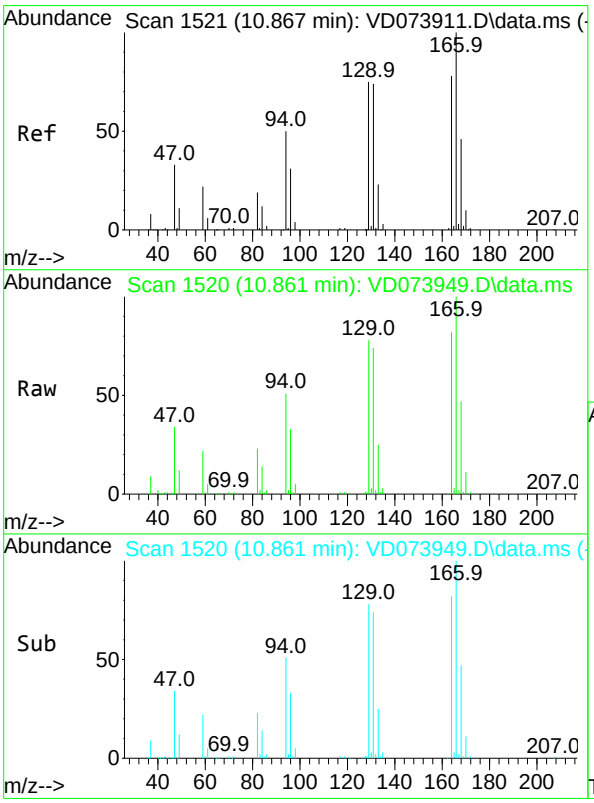
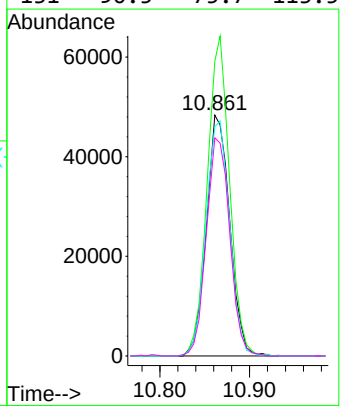
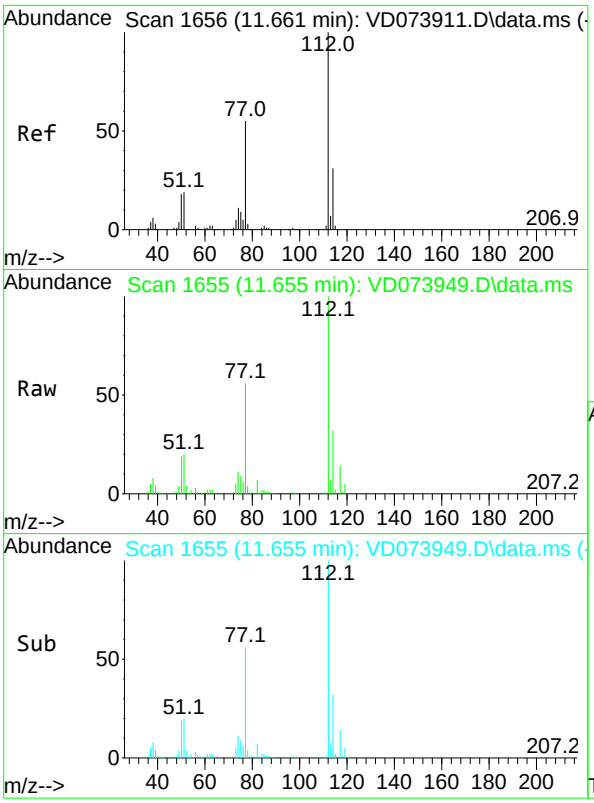


#64
Tetrachloroethene
Concen: 45.831 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:164 Resp: 87780

Ion	Ratio	Lower	Upper
164	100		
166	122.4	102.3	153.5
129	95.2	76.6	115.0
131	90.5	75.7	113.5





#65
Chlorobenzene
Concen: 49.015 ug/l
RT: 11.655 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:112 Resp: 26151

Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.9	37.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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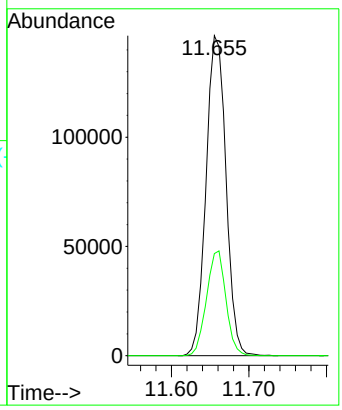
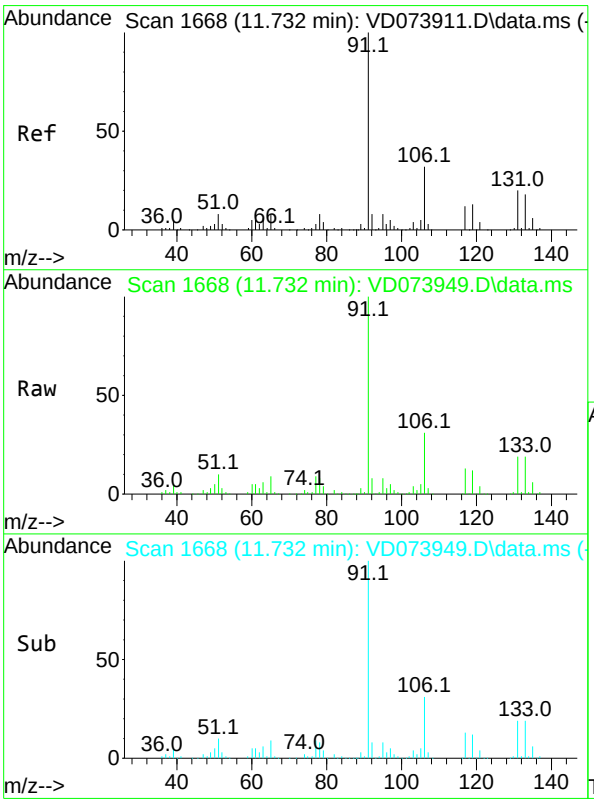
Reviewed By :Semsettin Yesilyurt 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

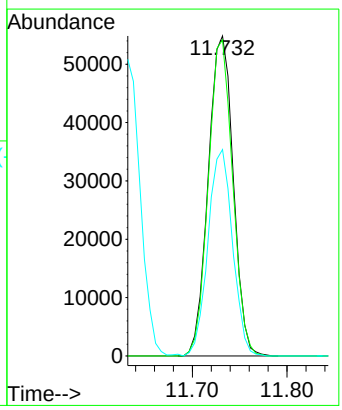


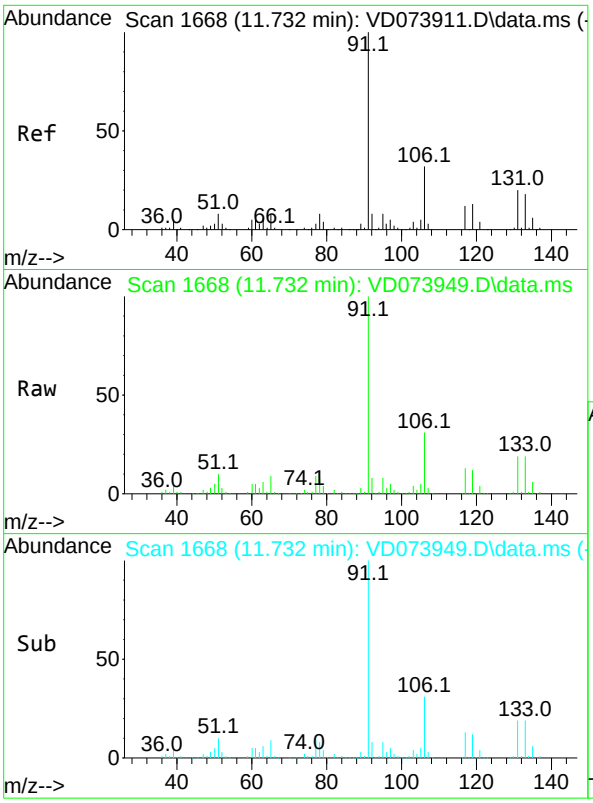


#66
1,1,1,2-Tetrachloroethane
Concen: 49.199 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:131 Resp: 100549

Ion	Ratio	Lower	Upper
131	100		
133	96.0	46.3	138.9
119	63.4	31.4	94.2

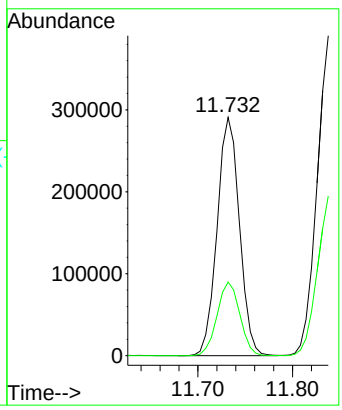




#67
Ethyl Benzene
Concen: 50.542 ug/l
RT: 11.732 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 91 Resp: 47627

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.8	38.6



Instrument :
MSVOA_D
ClientSampleId :
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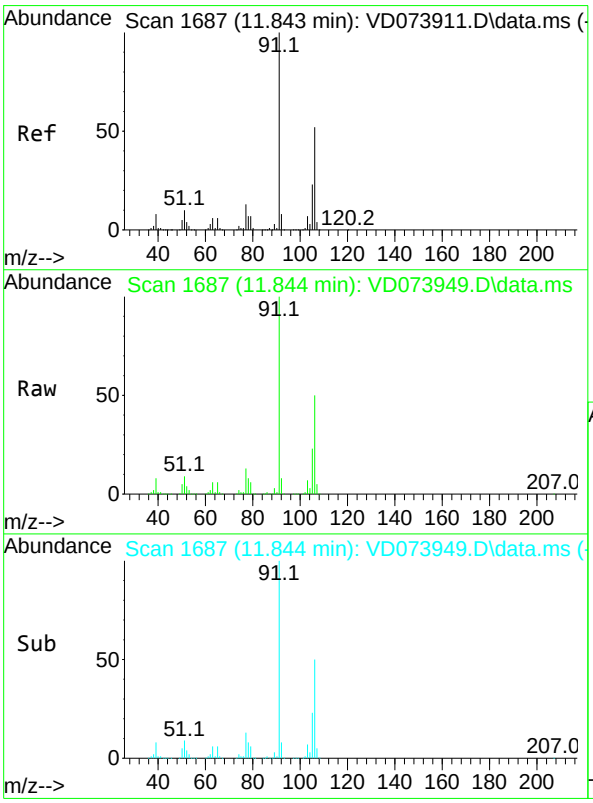
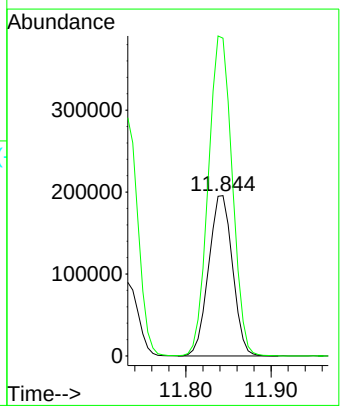
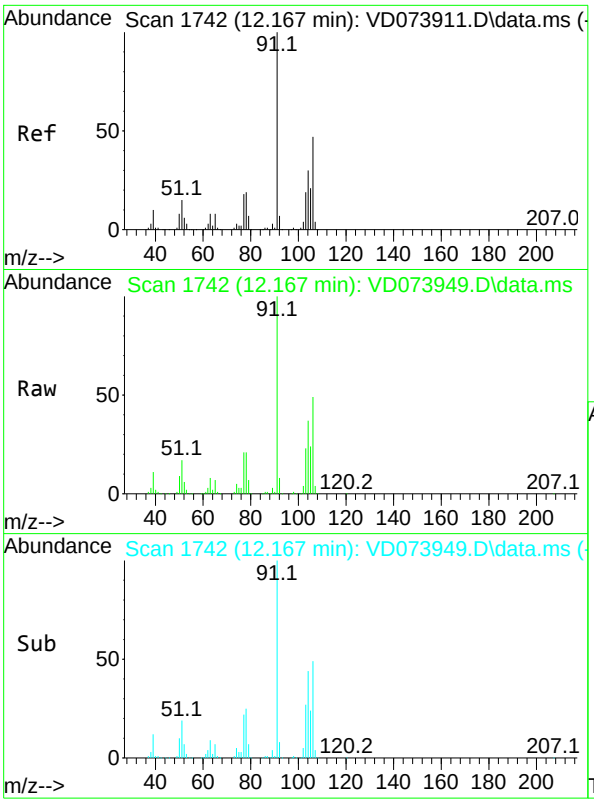


#68
m/p-Xylenes
Concen: 102.005 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:106 Resp: 381057

Ion	Ratio	Lower	Upper
106	100		
91	199.9	156.6	234.8





#69
o-Xylene
Concen: 52.110 ug/l
RT: 12.167 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:106 Resp: 18232

Ion	Ratio	Lower	Upper
106	100		
91	203.0	106.1	318.1

Instrument :
MSVOA_D
ClientSampleId :
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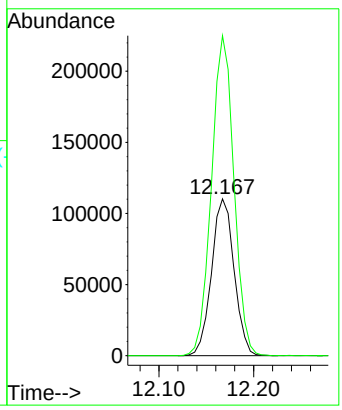
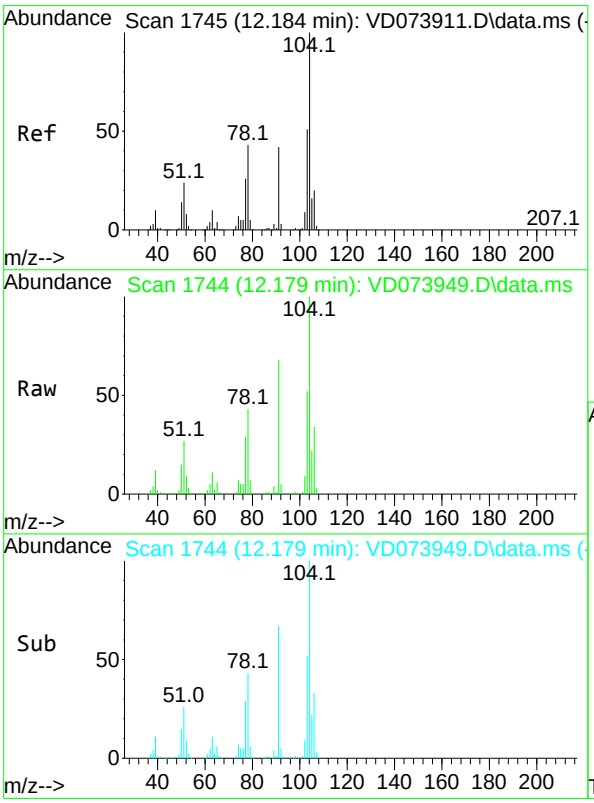
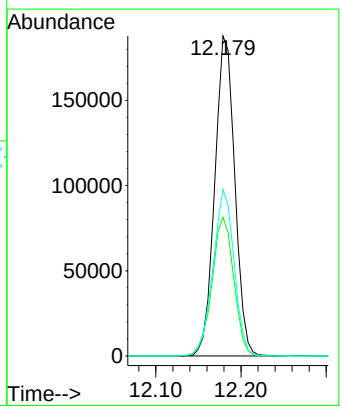


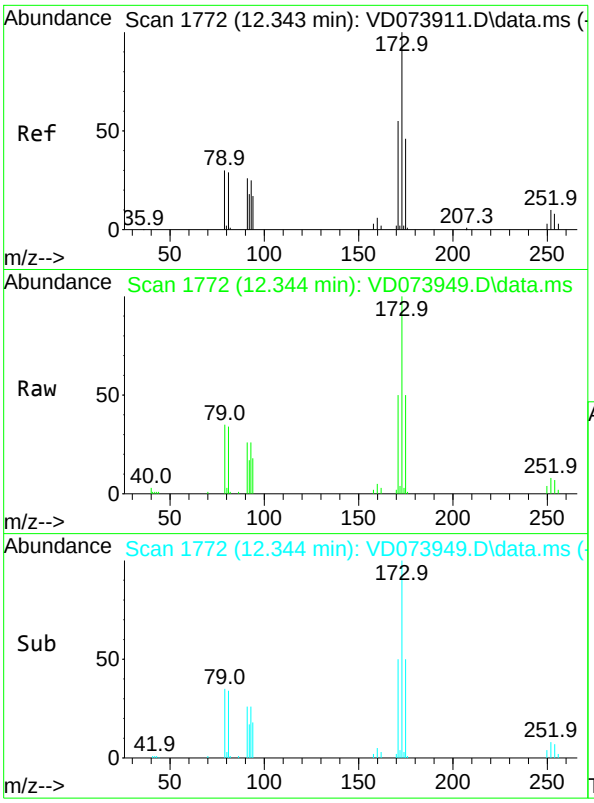


#70
Styrene
Concen: 51.938 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:104 Resp: 306935

Ion	Ratio	Lower	Upper
104	100		
78	47.1	39.0	58.4
103	54.9	43.8	65.6

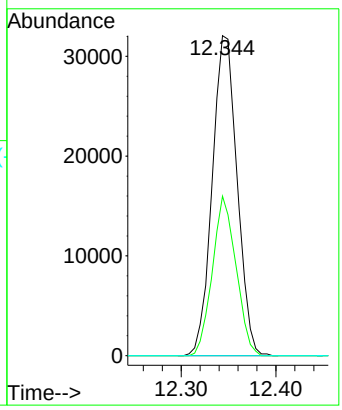




#71
Bromoform
Concen: 52.184 ug/l
RT: 12.344 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:173 Resp: 5857

Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.5	70.6
254	0.0	0.0	0.0



Instrument :
MSVOA_D
ClientSampleId :
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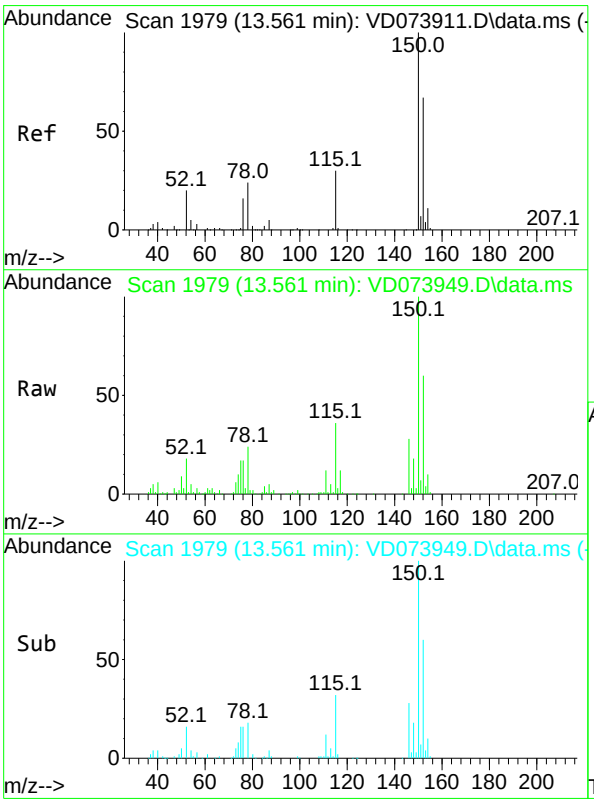
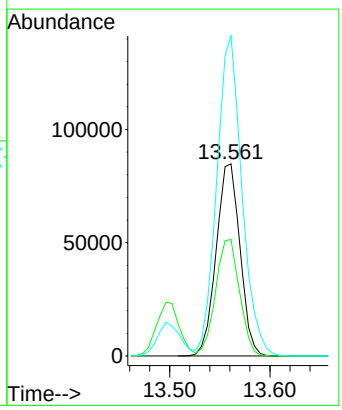
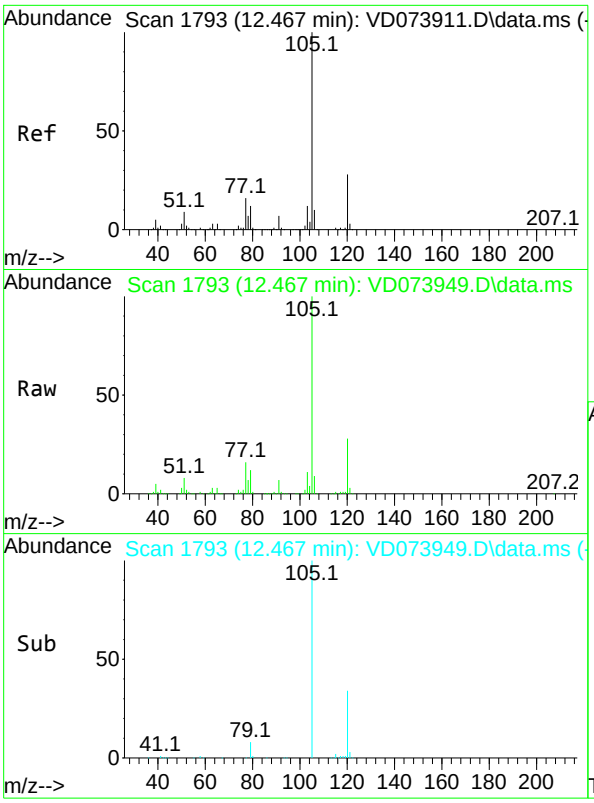


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:152 Resp: 140065

Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.1	87.3
150	176.1	0.0	338.2

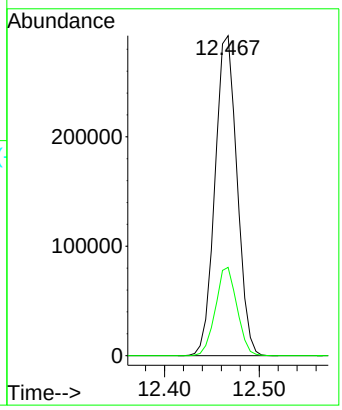




#73
Isopropylbenzene
Concen: 49.007 ug/l
RT: 12.467 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:105 Resp: 47329

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.7	41.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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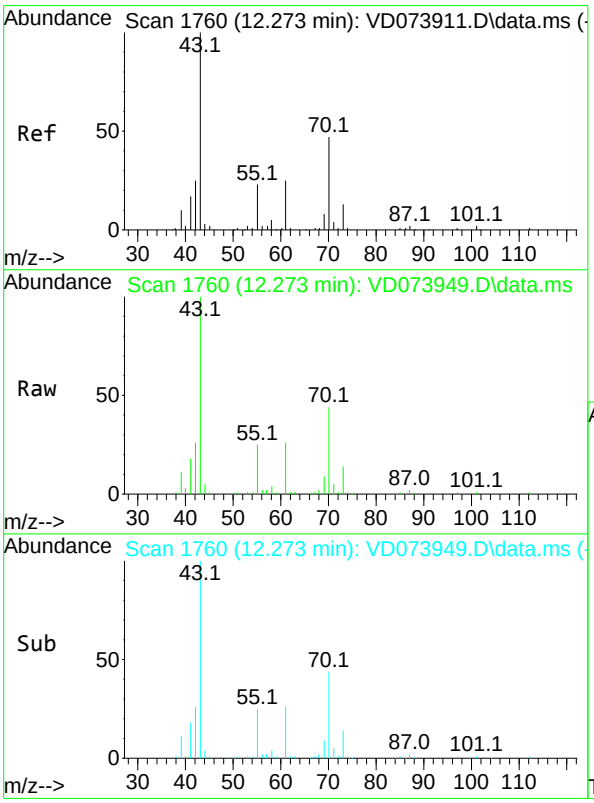
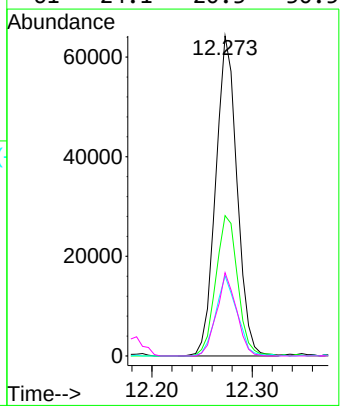
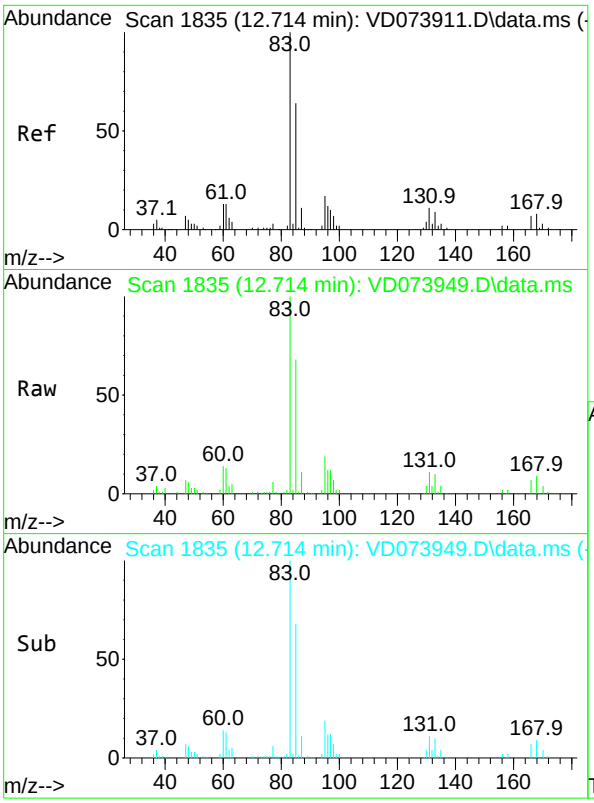


#74
N-amyl acetate
Concen: 49.140 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 43 Resp: 95035

Ion	Ratio	Lower	Upper
43	100		
70	45.0	37.1	55.7
55	25.1	19.5	29.3
61	24.1	20.3	30.5

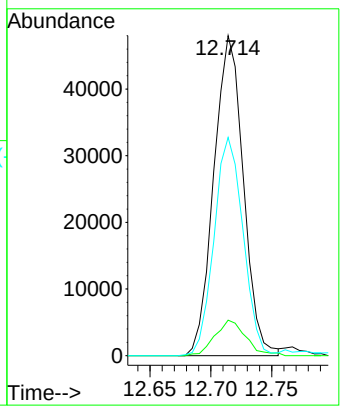




#75
1,1,2,2-Tetrachloroethane
Concen: 49.262 ug/l
RT: 12.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 83 Resp: 8104

Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.9	17.6
85	67.1	33.4	100.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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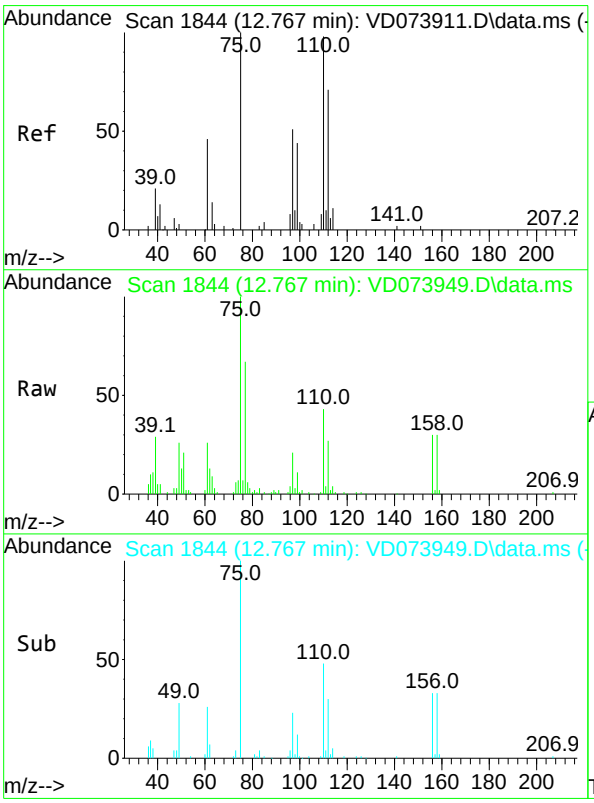
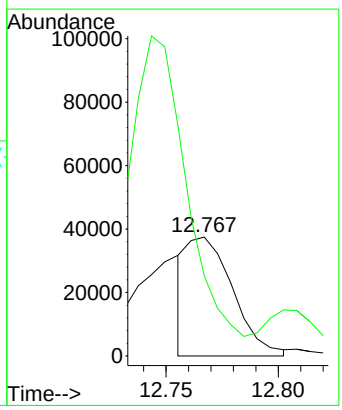
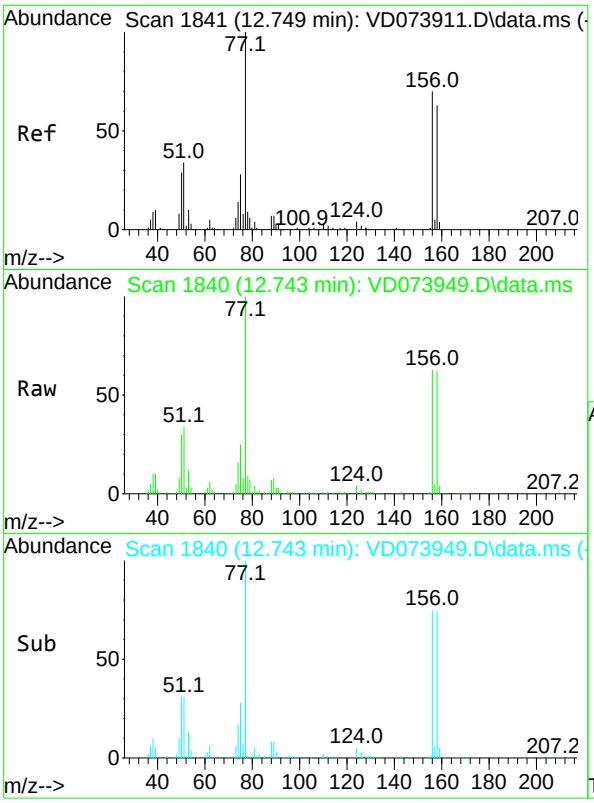


#76
1,2,3-Trichloropropane
Concen: 50.592 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 75 Resp: 53318

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

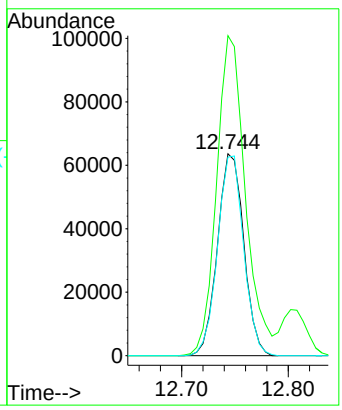




#77
Bromobenzene
Concen: 48.005 ug/l
RT: 12.743 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:156 Resp: 10913

Ion	Ratio	Lower	Upper
156	100		
77	173.0	84.4	253.1
158	98.2	48.4	145.3



Instrument :
MSVOA_D
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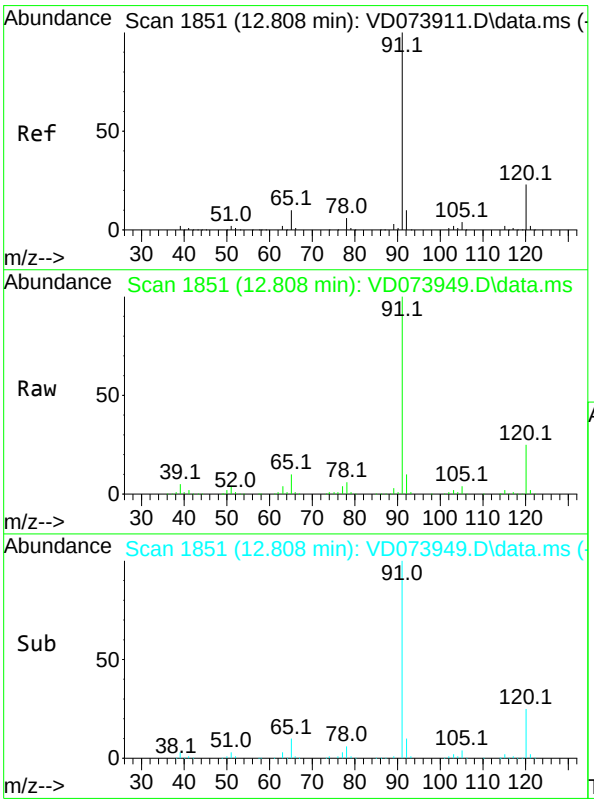
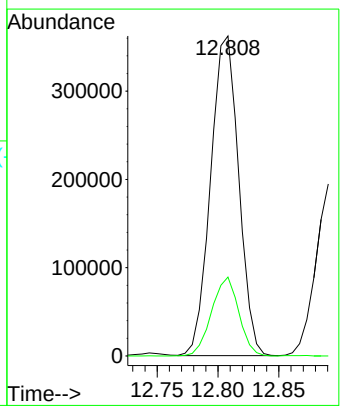
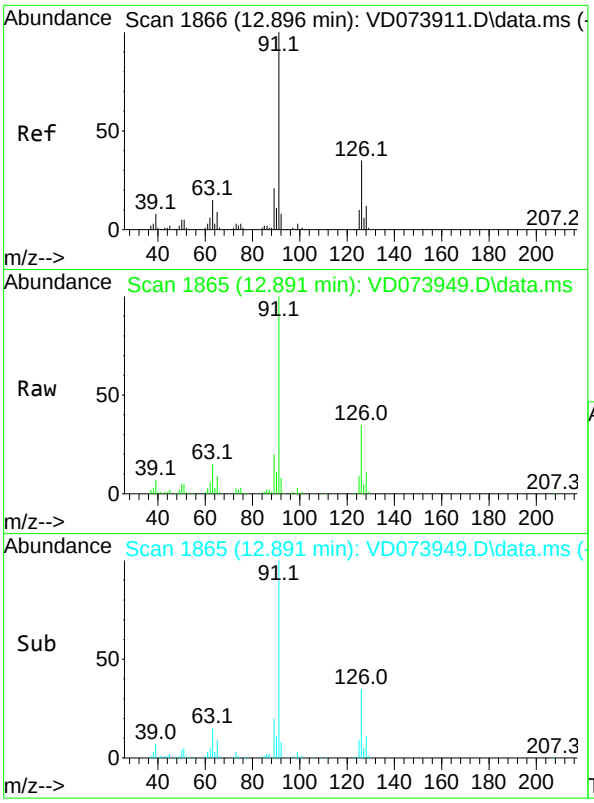


#78
n-propylbenzene
Concen: 49.571 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 91 Resp: 582196

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.7





#79
2-Chlorotoluene
Concen: 48.912 ug/l
RT: 12.891 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 91 Resp: 32861

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.8	53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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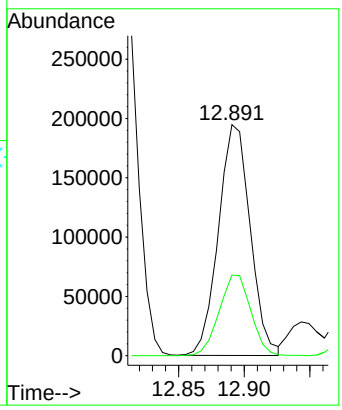
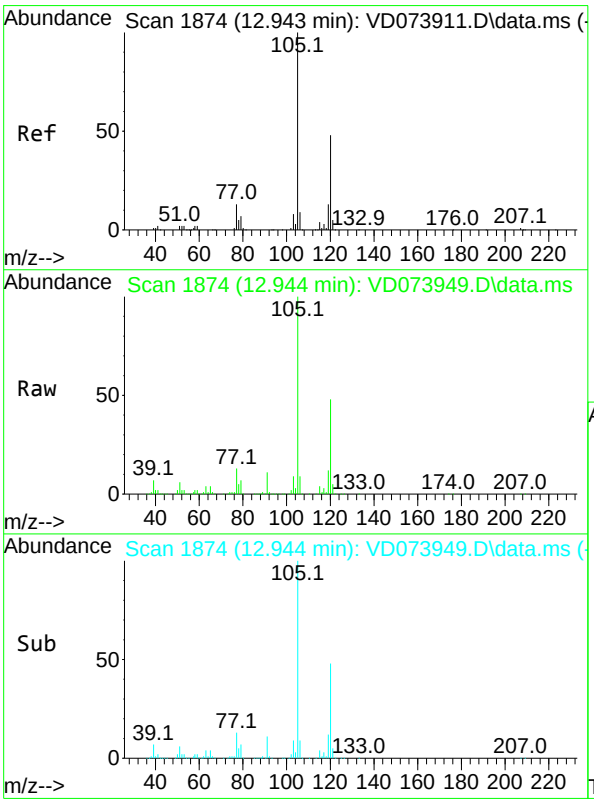
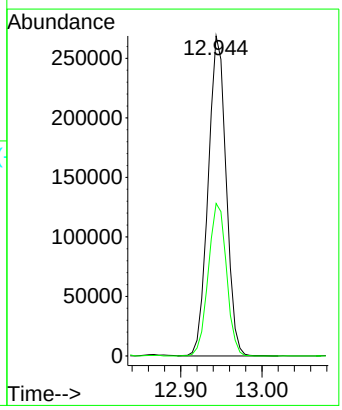


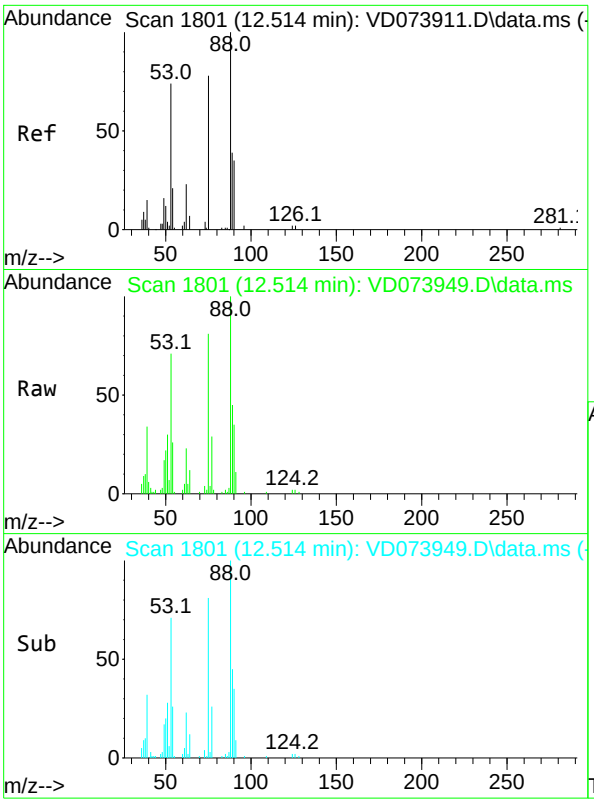


#80
1,3,5-Trimethylbenzene
Concen: 50.239 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:105 Resp: 412207

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.554 ug/l
RT: 12.514 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 75 Resp: 2468

Ion	Ratio	Lower	Upper
75	100		
53	91.1	71.6	107.4
89	49.5	39.8	59.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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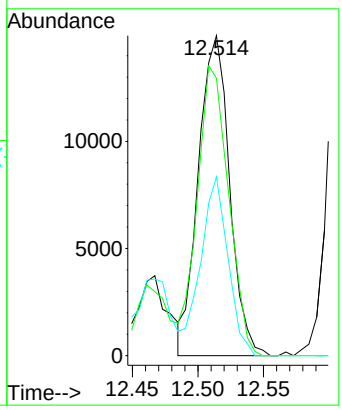
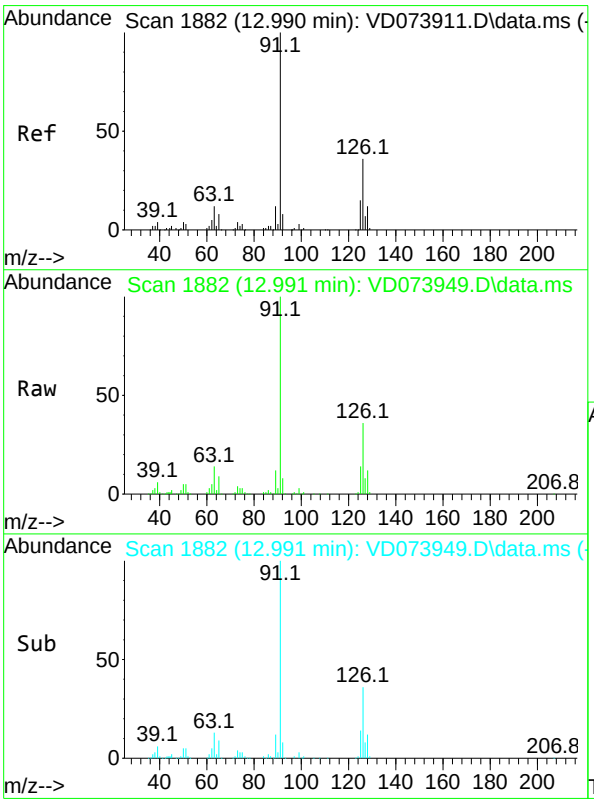
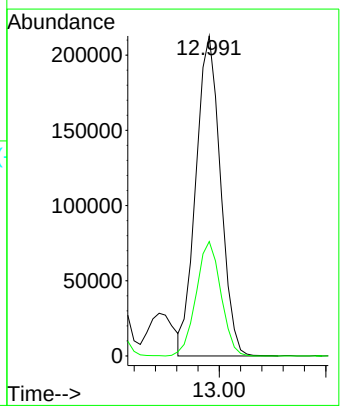


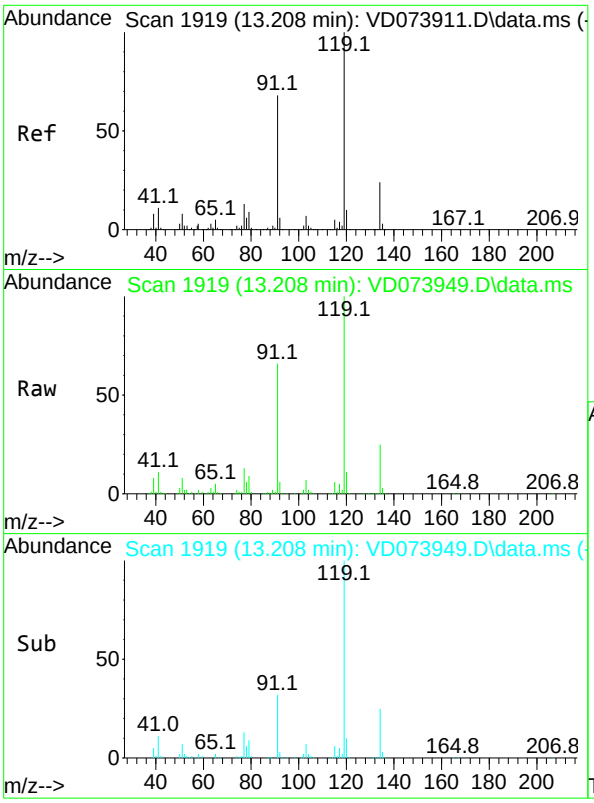


#82
4-Chlorotoluene
Concen: 48.511 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 91 Resp: 341647

Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.5

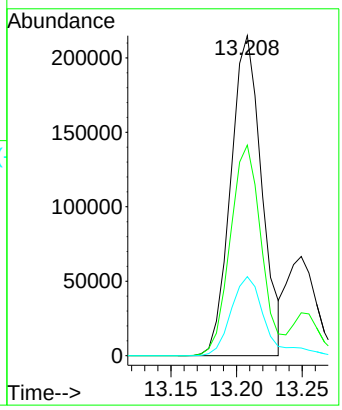




#83
tert-Butylbenzene
Concen: 49.574 ug/l
RT: 13.208 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:119 Resp: 35416

Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.2	99.6
134	27.0	13.6	40.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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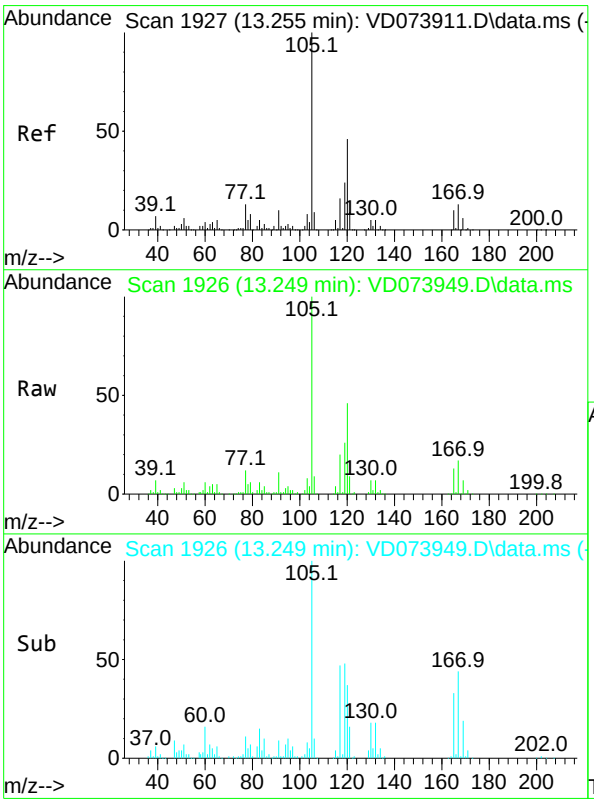
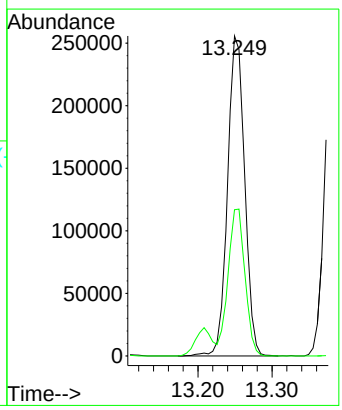
Reviewed By :Semsettin Yesilyurt 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

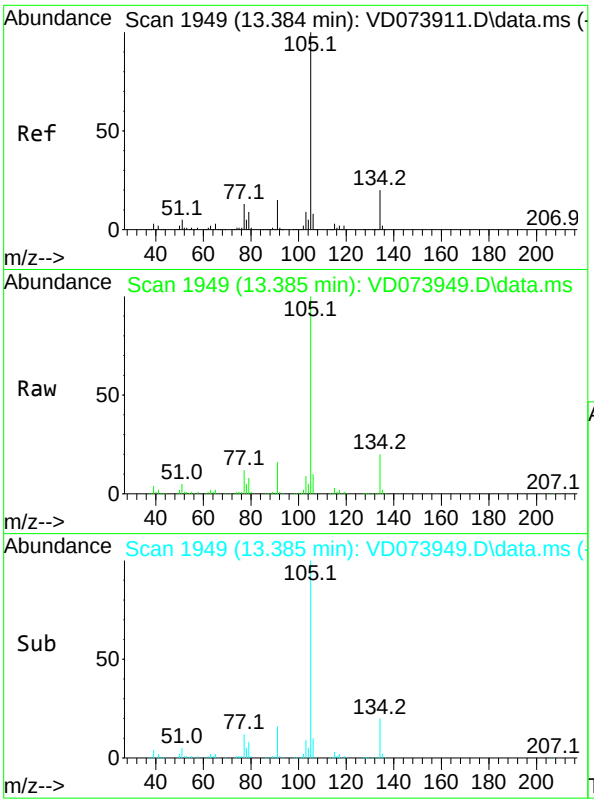


#84
1,2,4-Trimethylbenzene
Concen: 50.560 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:105 Resp: 409826

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.4





#85
sec-Butylbenzene
Concen: 50.079 ug/l
RT: 13.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:105 Resp: 54133

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.3	30.8

Instrument :
MSVOA_D
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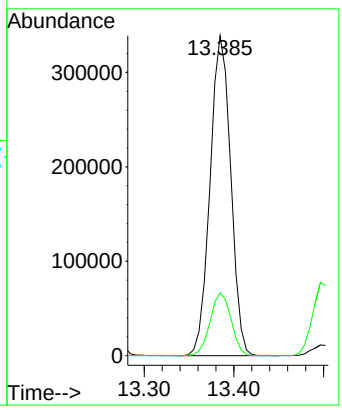
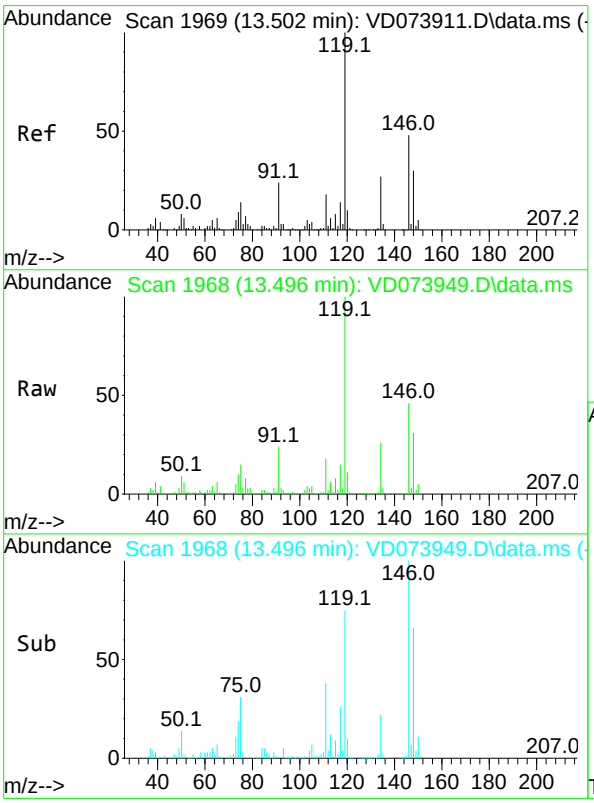
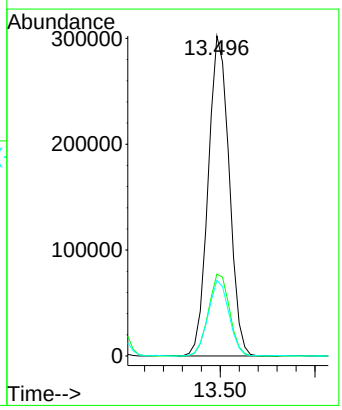


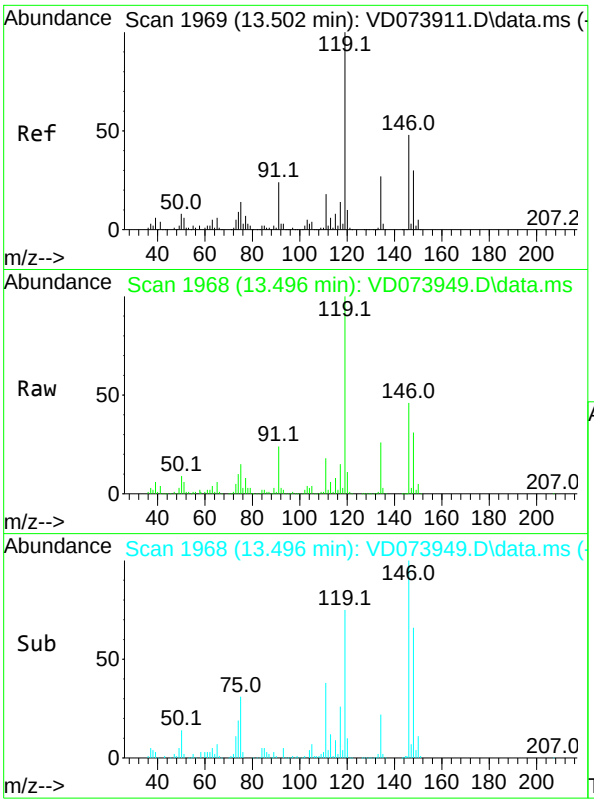


#86
p-Isopropyltoluene
Concen: 51.086 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:119 Resp: 463861

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.2	39.6
91	23.7	12.0	36.0

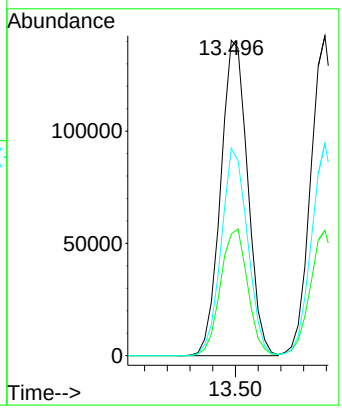




#87
1,3-Dichlorobenzene
Concen: 48.718 ug/l
RT: 13.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:146 Resp: 23129

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.6
148	64.4	31.9	95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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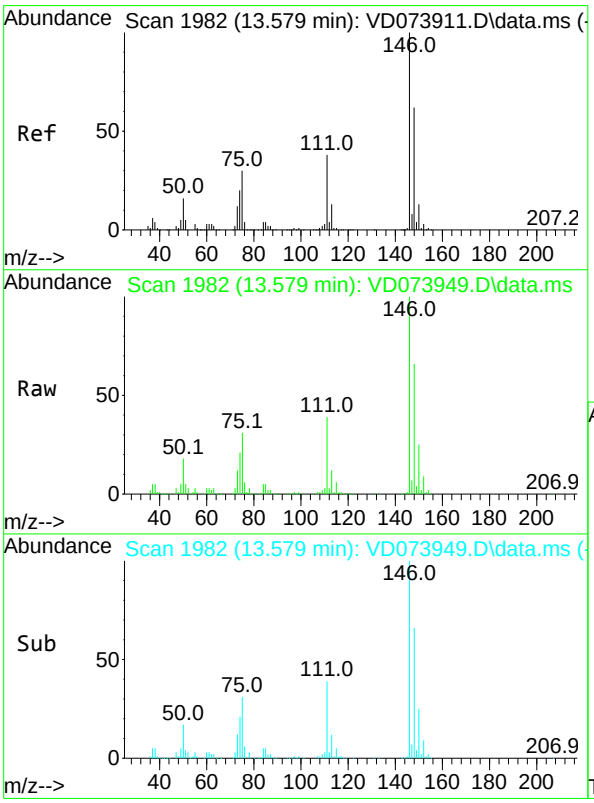
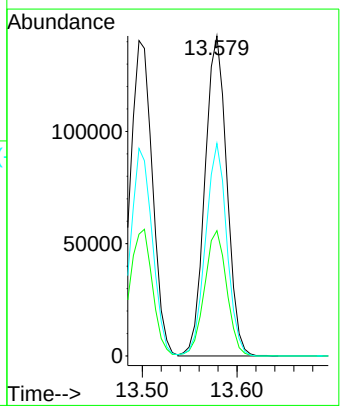
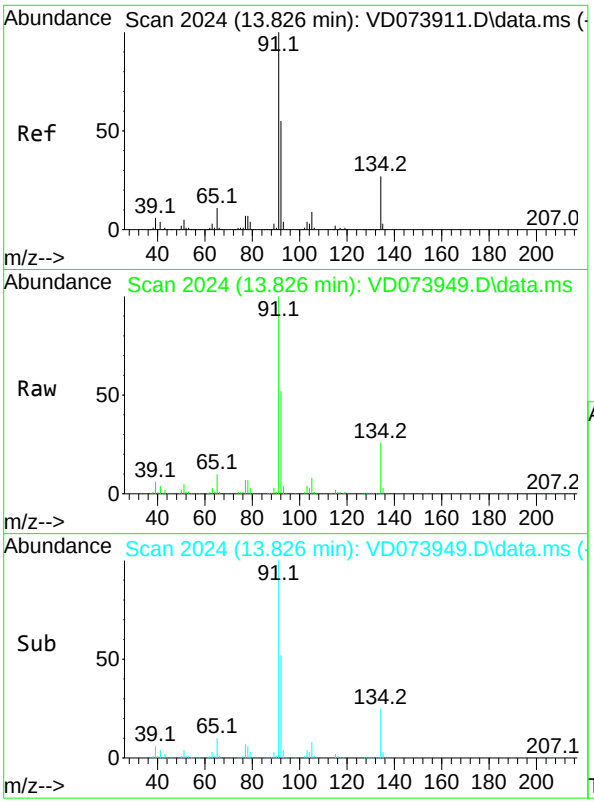


#88
1,4-Dichlorobenzene
Concen: 48.615 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:146 Resp: 228626

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	64.6	31.7	95.1

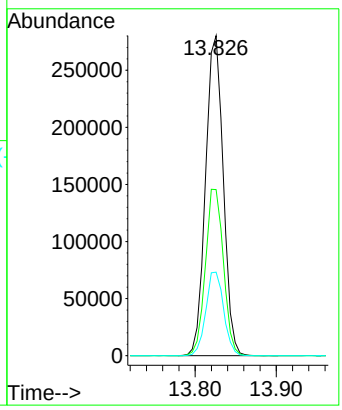




#89
n-Butylbenzene
Concen: 50.603 ug/l
RT: 13.826 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 91 Resp: 42367

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.6
134	26.4	13.6	40.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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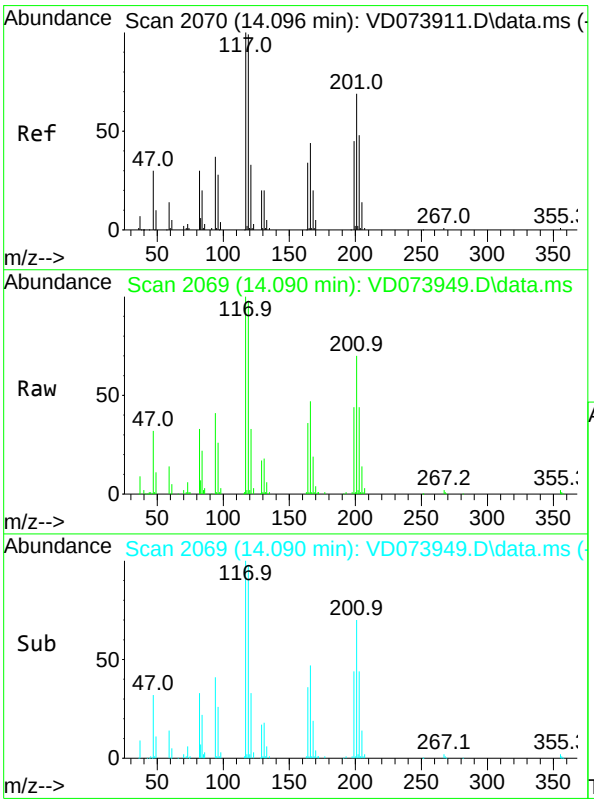
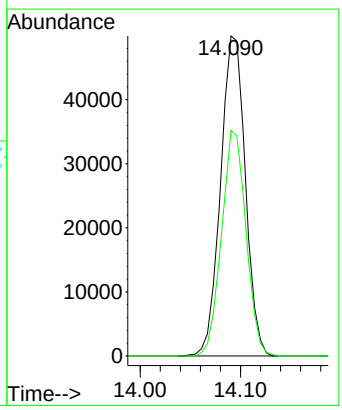
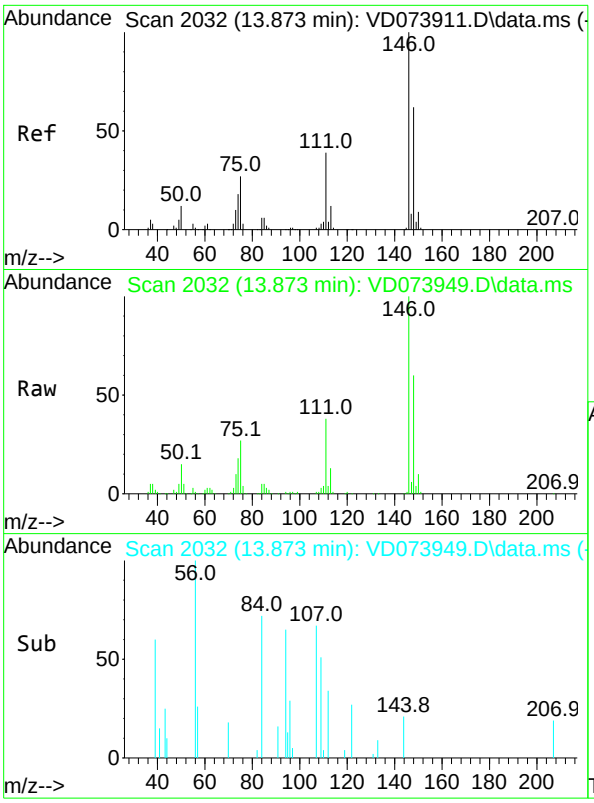


#90
Hexachloroethane
Concen: 51.478 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:117 Resp: 85656

Ion	Ratio	Lower	Upper
117	100		
201	69.5	34.2	102.6

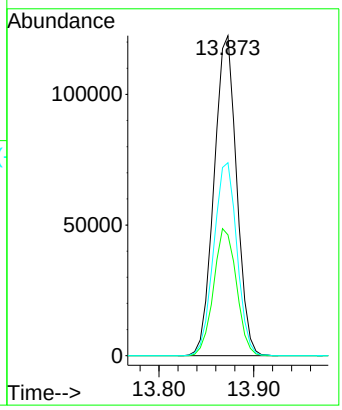




#91
1,2-Dichlorobenzene
Concen: 50.021 ug/l
RT: 13.873 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:146 Resp: 20304

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	62.1	32.0	96.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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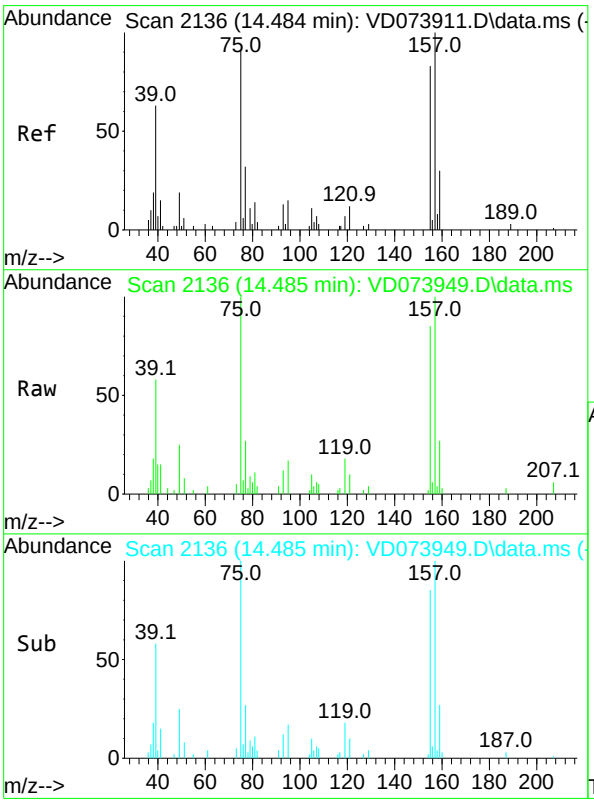
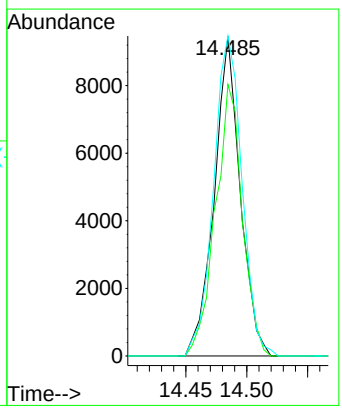
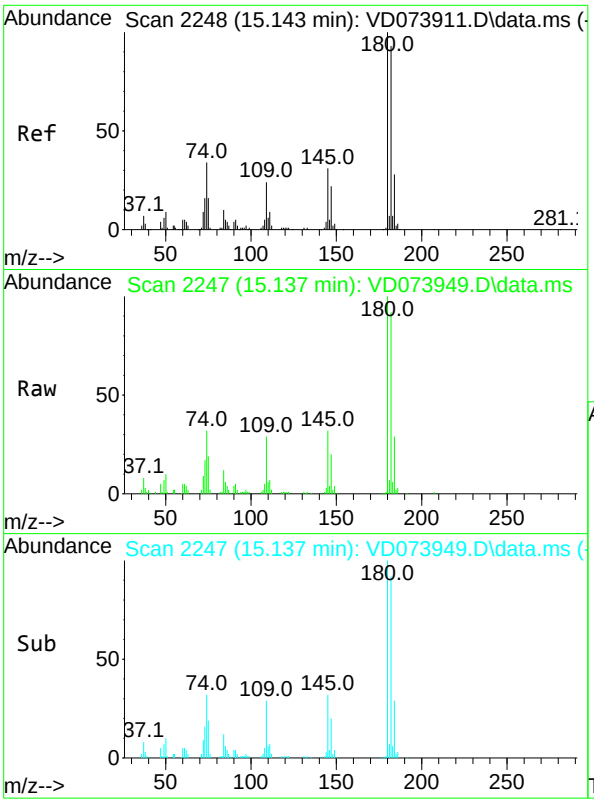


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.052 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion: 75 Resp: 14026

Ion	Ratio	Lower	Upper
75	100		
155	88.0	46.5	139.5
157	109.5	56.5	169.5

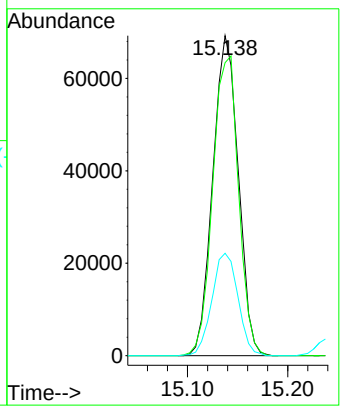




#93
1,2,4-Trichlorobenzene
Concen: 48.428 ug/l
RT: 15.137 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:180 Resp: 12224

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	32.8	16.1	48.3



Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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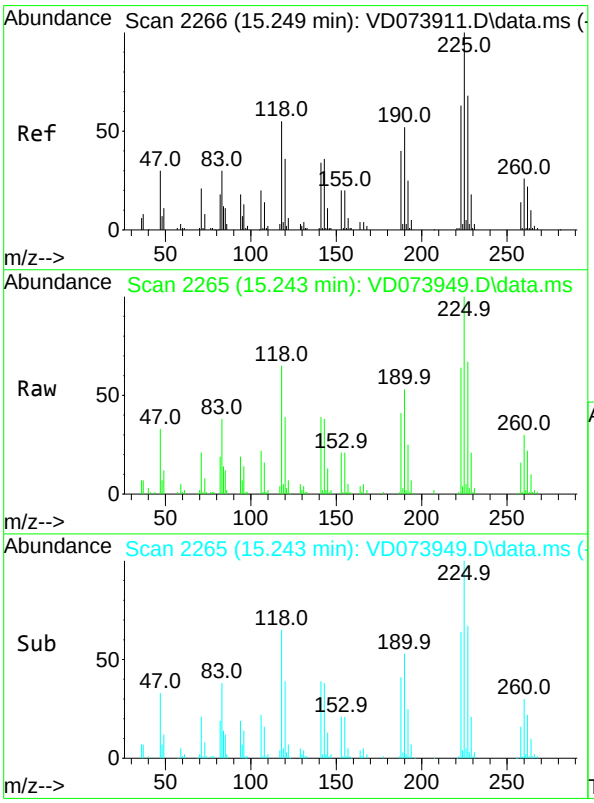
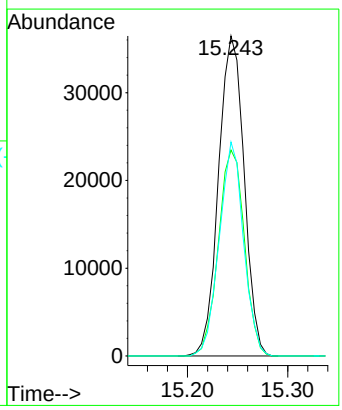
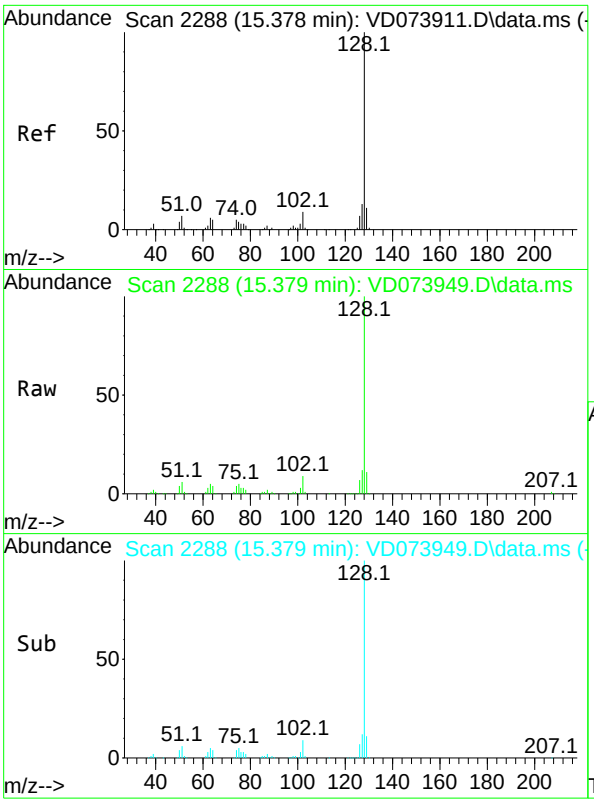


#94
Hexachlorobutadiene
Concen: 47.083 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:225 Resp: 64567

Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.3	93.8
227	63.6	32.3	96.9

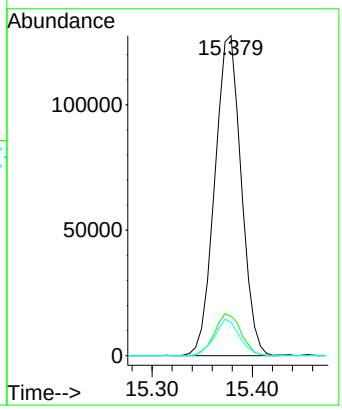




#95
Naphthalene
Concen: 50.623 ug/l
RT: 15.379 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:128 Resp: 23338

Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	10.8	8.9	13.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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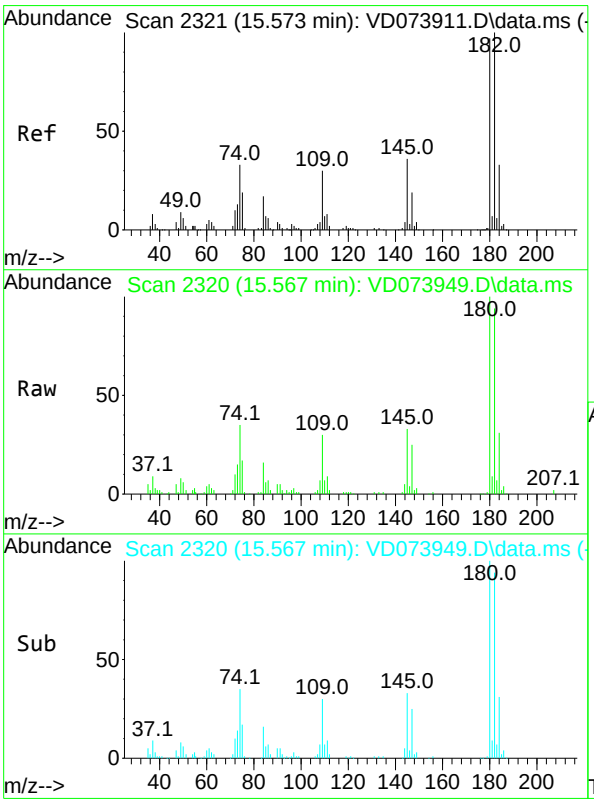
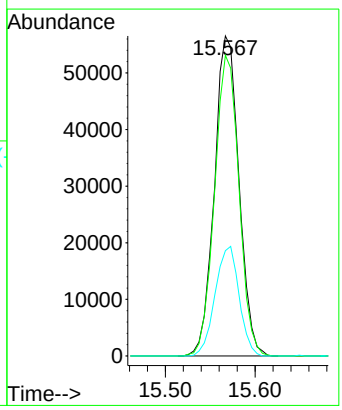


#96
1,2,3-Trichlorobenzene
Concen: 49.239 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073949.D
Acq: 04 Aug 2022 12:37

Tgt Ion:180 Resp: 107432

Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.7	146.1
145	33.4	17.2	51.5