Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
Data File : VN081297.D
Acq On : 04 Mar 2024 12:45
Operator : JC\MD
Sample : VN0304WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 03:14:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	230537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	378203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162522	57.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	8.171	113	143869	60.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.800%			
50) Toluene-d8	10.571	98	450248	53.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.853	95	178667	56.203	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 112.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	65829	22.080	ug/l	97
3) Chloromethane	2.359	50	62981	18.620	ug/l	96
4) Vinyl Chloride	2.518	62	71945	21.725	ug/l	98
5) Bromomethane	2.959	94	43163	18.351	ug/l	91
6) Chloroethane	3.118	64	50500	23.111	ug/l	100
7) Trichlorofluoromethane	3.495	101	112103	23.171	ug/l	97
8) Diethyl Ether	3.959	74	39959	22.591	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	62933	23.334	ug/l #	90
10) Methyl Iodide	4.595	142	57479	19.093	ug/l	89
11) Tert butyl alcohol	5.518	59	61666	118.665	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56537	21.686	ug/l	87
13) Acrolein	4.177	56	18664	67.009	ug/l	94
14) Allyl chloride	5.024	41	83679	21.632	ug/l #	85
15) Acrylonitrile	5.718	53	178923	131.833	ug/l	99
16) Acetone	4.424	43	134573	121.034	ug/l	93
17) Carbon Disulfide	4.718	76	130998	18.015	ug/l	96
18) Methyl Acetate	5.024	43	86053	31.726	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	210694	23.596	ug/l	100
20) Methylene Chloride	5.271	84	71050	24.222	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	64041	22.017	ug/l	91
22) Diisopropyl ether	6.677	45	226568	25.820	ug/l #	93
23) Vinyl Acetate	6.606	43	832924	116.993	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	128392	25.305	ug/l #	97
25) 2-Butanone	7.488	43	225448	125.510	ug/l	93
26) 2,2-Dichloropropane	7.488	77	111206	23.392	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	78766	23.307	ug/l	89
28) Bromochloromethane	7.818	49	61342	29.163	ug/l #	71
29) Tetrahydrofuran	7.836	42	153467	127.987	ug/l	91
30) Chloroform	7.965	83	135978	25.210	ug/l	94
31) Cyclohexane	8.259	56	102081	20.922	ug/l #	84
32) 1,1,1-Trichloroethane	8.165	97	119123	24.250	ug/l	94
36) 1,1-Dichloropropene	8.371	75	92886	22.761	ug/l	95
37) Ethyl Acetate	7.559	43	92418	25.093	ug/l	97
38) Carbon Tetrachloride	8.365	117	95932	23.235	ug/l	96
39) Methylcyclohexane	9.606	83	101206	21.274	ug/l	92
40) Benzene	8.606	78	282775	23.939	ug/l	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53888	25.709 ug/l	96
42) 1,2-Dichloroethane	8.671	62	105685	25.645 ug/l	99
43) Isopropyl Acetate	8.688	43	170087	26.405 ug/l	96
44) Trichloroethene	9.353	130	74069	23.543 ug/l	85
45) 1,2-Dichloropropane	9.630	63	72021	24.375 ug/l	91
46) Dibromomethane	9.712	93	54047	25.105 ug/l	94
47) Bromodichloromethane	9.888	83	108153	26.525 ug/l	96
48) Methyl methacrylate	9.677	41	74354	24.807 ug/l	89
49) 1,4-Dioxane	9.700	88	31397	551.333 ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	506432	136.673 ug/l	97
52) Toluene	10.635	92	177289	23.708 ug/l	99
53) t-1,3-Dichloropropene	10.841	75	111213	24.545 ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	120797	24.675 ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	76179	26.486 ug/l	96
56) Ethyl methacrylate	10.877	69	105048	23.898 ug/l	93
57) 1,3-Dichloropropane	11.165	76	127754	25.689 ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	246278	111.664 ug/l #	89
59) 2-Hexanone	11.200	43	367320	125.038 ug/l	96
60) Dibromochloromethane	11.365	129	76150	24.923 ug/l	98
61) 1,2-Dibromoethane	11.471	107	73292	24.233 ug/l	96
64) Tetrachloroethene	11.106	164	69373	26.876 ug/l	96
65) Chlorobenzene	11.894	112	192068	23.465 ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	71673	24.378 ug/l	96
67) Ethyl Benzene	11.965	91	337869	23.067 ug/l	100
68) m/p-Xylenes	12.076	106	258785	46.094 ug/l	96
69) o-Xylene	12.400	106	120989	21.740 ug/l	99
70) Styrene	12.412	104	202883	23.006 ug/l	97
71) Bromoform	12.582	173	48367	25.930 ug/l #	96
73) Isopropylbenzene	12.700	105	331238	21.853 ug/l	98
74) N-amyl acetate	12.494	43	131299	20.496 ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	101442	23.800 ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	97034m	24.652 ug/l	
77) Bromobenzene	12.982	156	75879	22.451 ug/l	80
78) n-propylbenzene	13.041	91	400766	22.967 ug/l	96
79) 2-Chlorotoluene	13.129	91	234777	21.936 ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	282489	22.986 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	32369m	21.166 ug/l	
82) 4-Chlorotoluene	13.223	91	227106	21.701 ug/l	93
83) tert-Butylbenzene	13.441	119	240420	22.624 ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	282484	23.066 ug/l	97
85) sec-Butylbenzene	13.618	105	352168	23.838 ug/l	97
86) p-Isopropyltoluene	13.735	119	282751	23.042 ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144647	22.651 ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	144425	23.017 ug/l	98
89) n-Butylbenzene	14.059	91	252671	23.635 ug/l	97
90) Hexachloroethane	14.335	117	45578	22.471 ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	139684	22.679 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19773	22.313 ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	74440	21.664 ug/l	97
94) Hexachlorobutadiene	15.506	225	31840	24.846 ug/l	91
95) Naphthalene	15.641	128	265298	21.069 ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	81115	23.796 ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

Manual Integrations APPROVED

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
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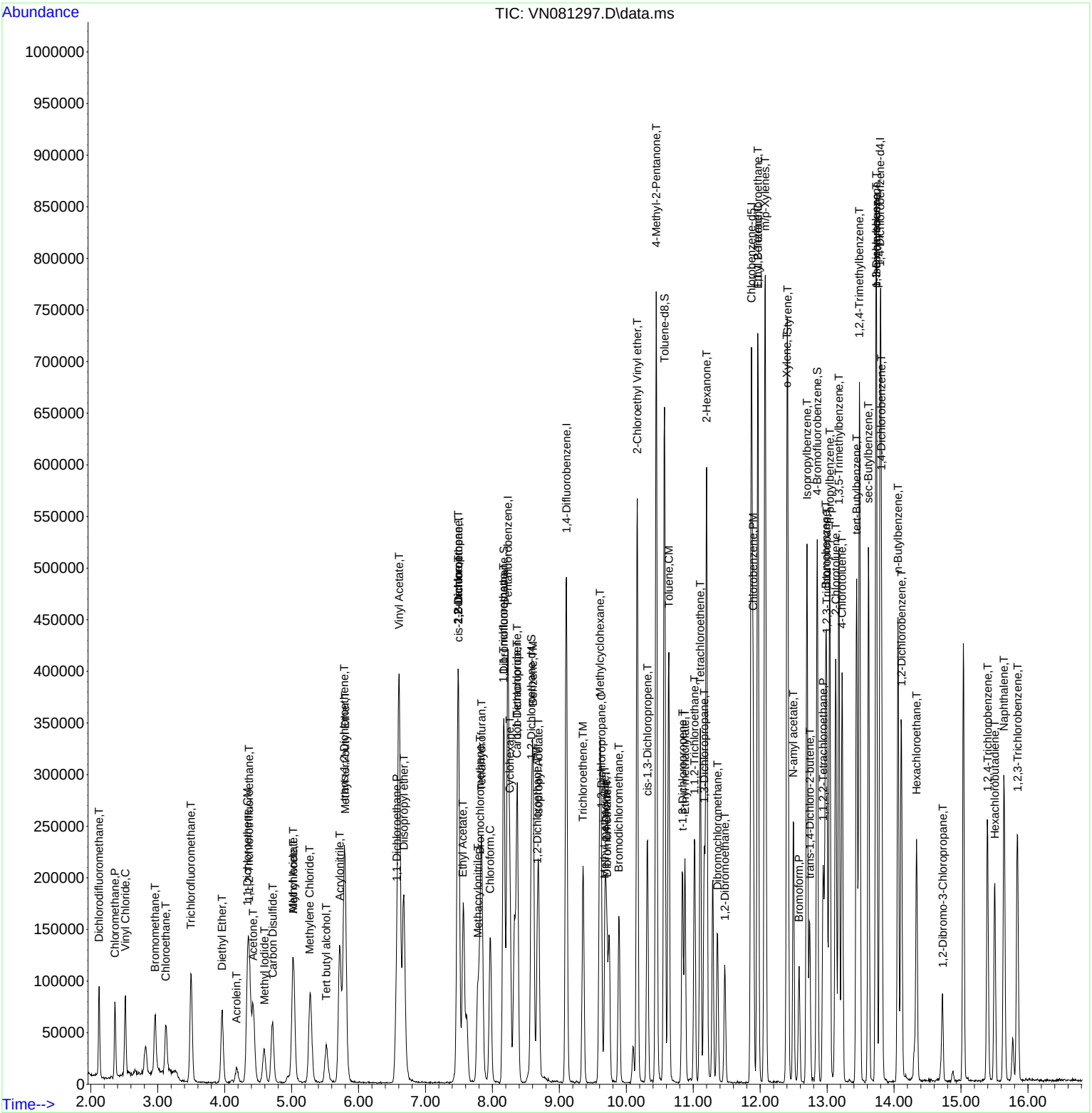
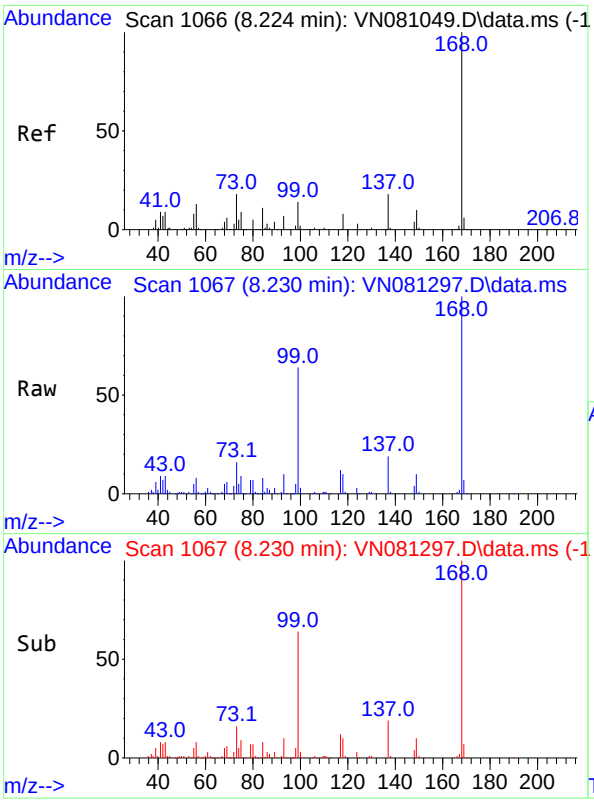
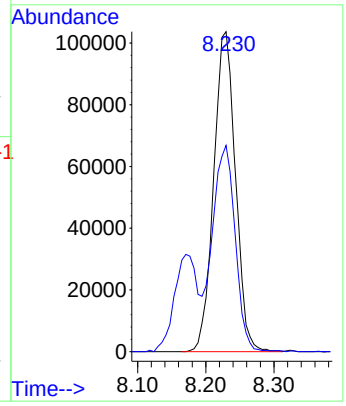




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:168 Resp: 23053

Ion	Ratio	Lower	Upper
168	100		
99	64.2	59.9	89.9



Instrument :
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ClientSampleId :
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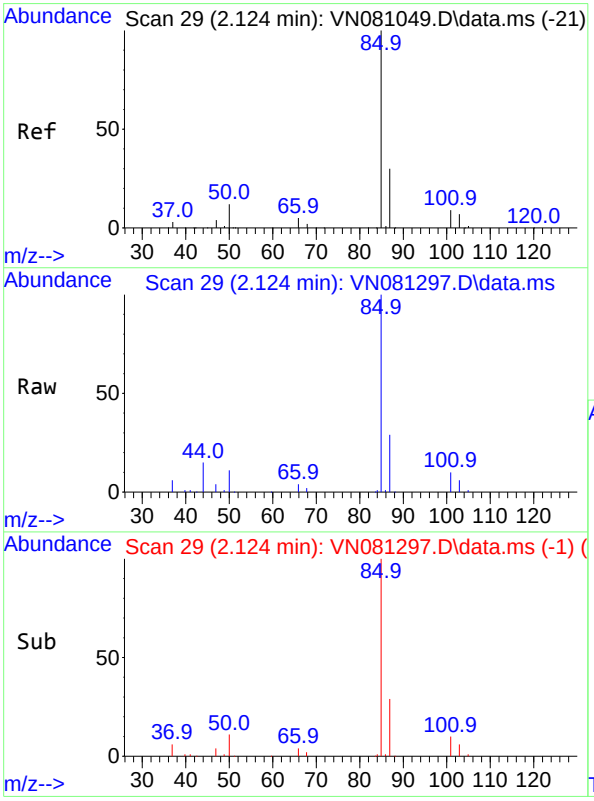
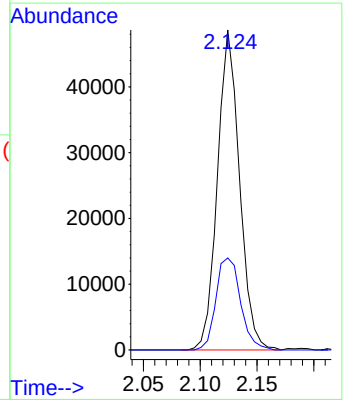
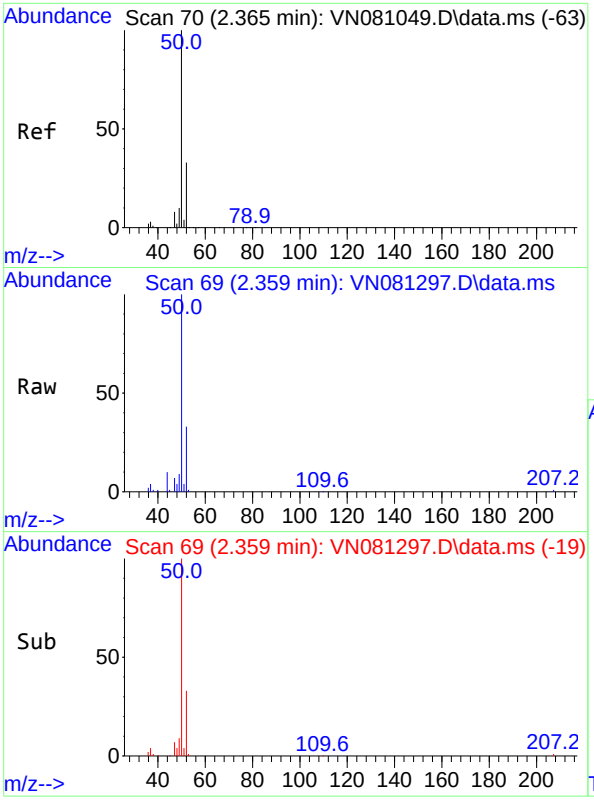


#2
Dichlorodifluoromethane
Concen: 22.080 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 85 Resp: 65829

Ion	Ratio	Lower	Upper
85	100		
87	28.8	15.3	45.9





#3
Chloromethane
Concen: 18.620 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 50 Resp: 6298

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.0	37.4

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ClientSampleId :
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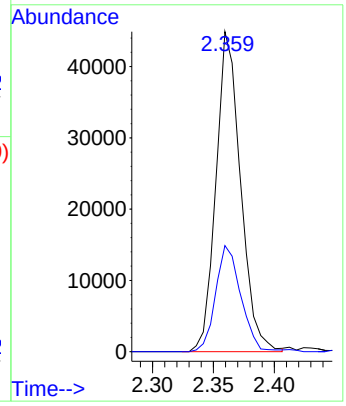
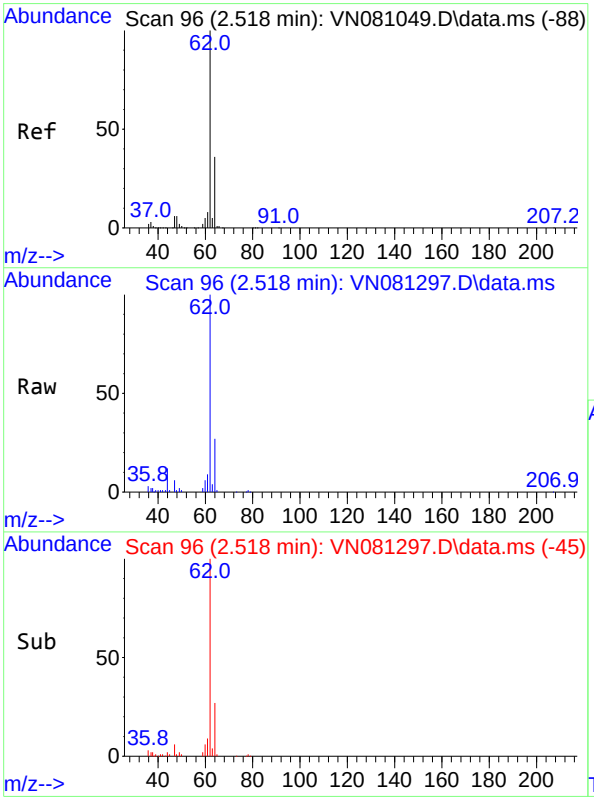
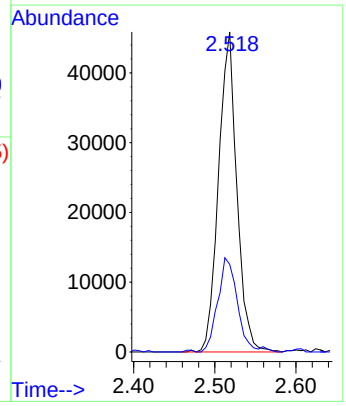


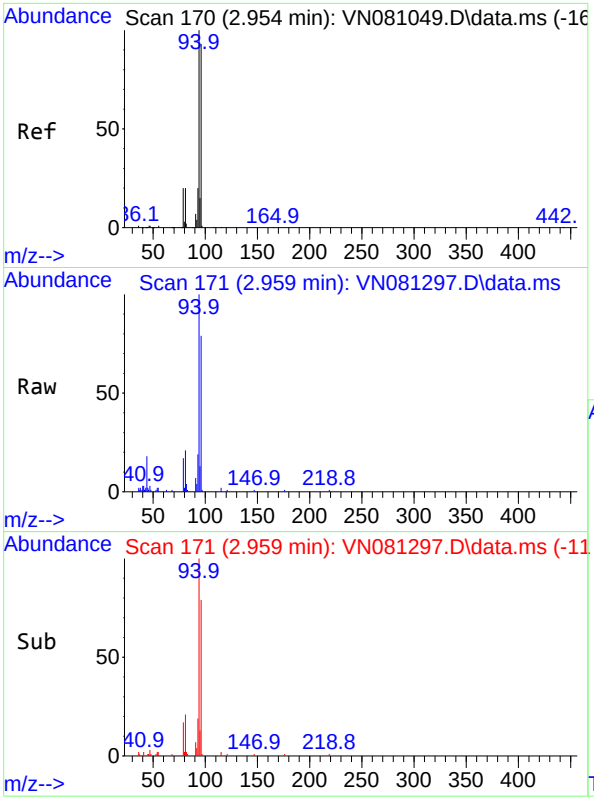


#4
Vinyl Chloride
Concen: 21.725 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 62 Resp: 71945

Ion	Ratio	Lower	Upper
62	100		
64	27.4	22.7	34.1

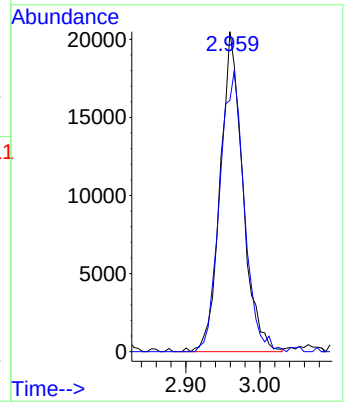




#5
Bromomethane
Concen: 18.351 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 94 Resp: 4316

Ion	Ratio	Lower	Upper
94	100		
96	78.5	69.2	103.8



Instrument :
MSVOA_N
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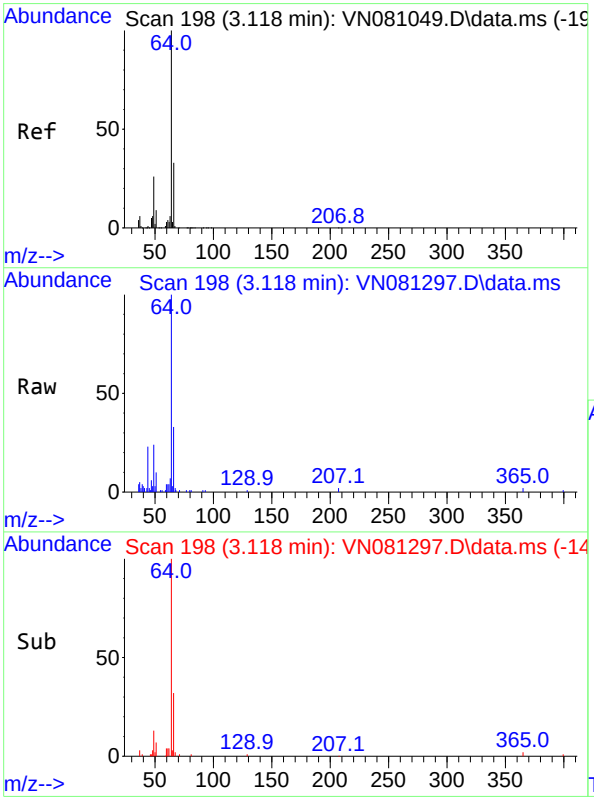
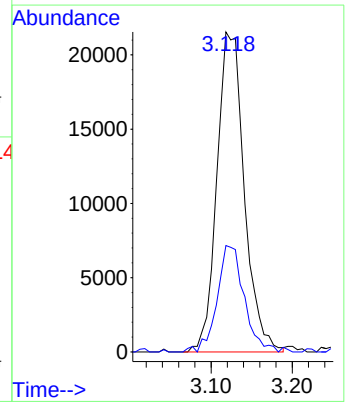
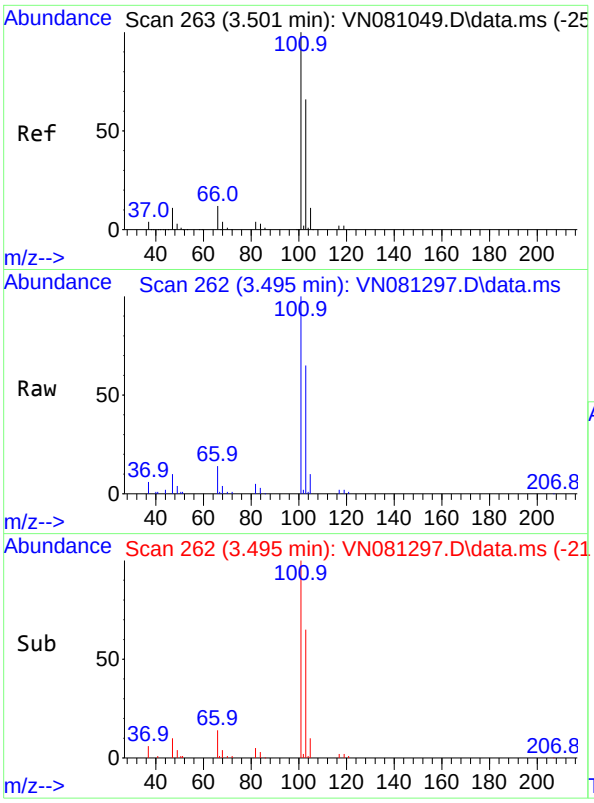


#6
Chloroethane
Concen: 23.111 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 64 Resp: 50500

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.4	39.6





#7
Trichlorofluoromethane
Concen: 23.171 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:101 Resp: 11210

Ion	Ratio	Lower	Upper
101	100		
103	65.4	54.4	81.6

Instrument :
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ClientSampleId :
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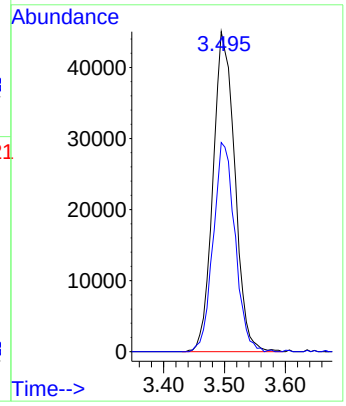
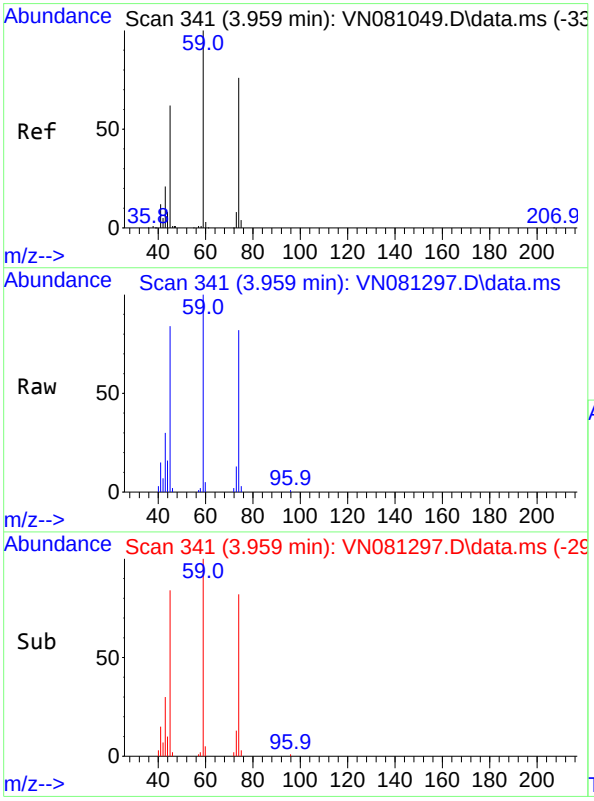
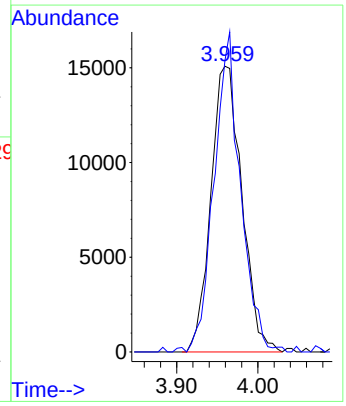


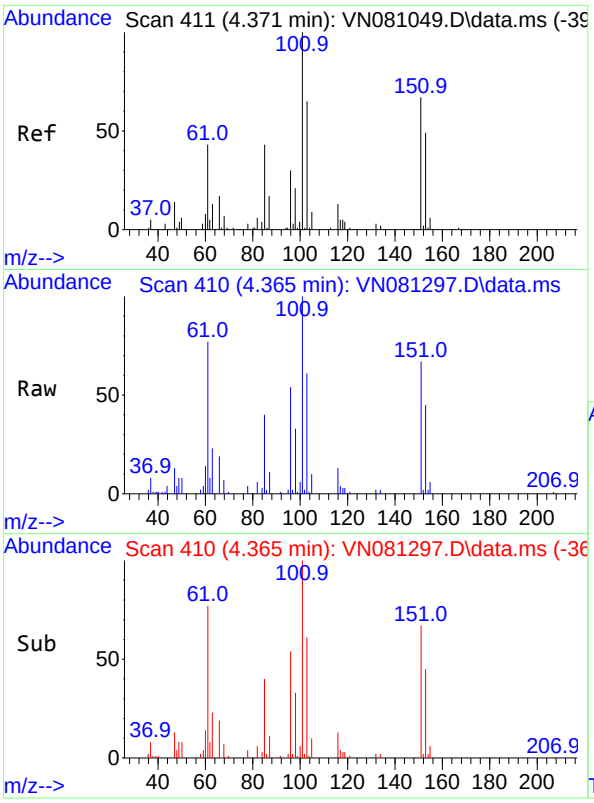


#8
Diethyl Ether
Concen: 22.591 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 74 Resp: 39959

Ion	Ratio	Lower	Upper
74	100		
45	95.8	53.3	159.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.334 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:101 Resp: 6293

Ion	Ratio	Lower	Upper
101	100		
85	48.0	38.1	57.1
151	74.8	49.1	73.7

Instrument :
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Manual Integrations
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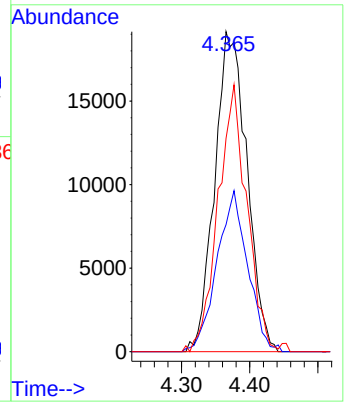
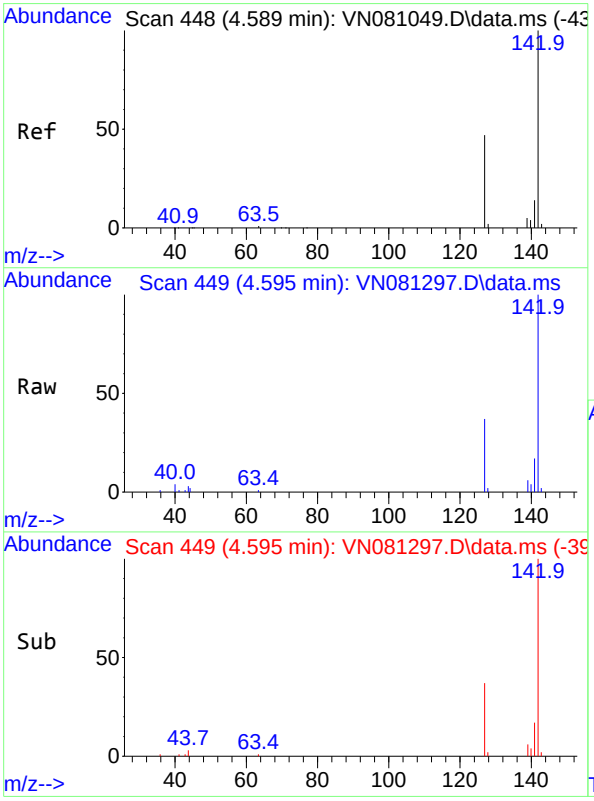
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/05/2024

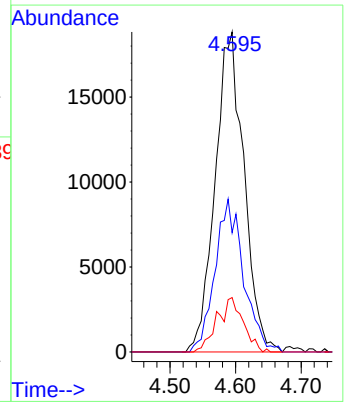


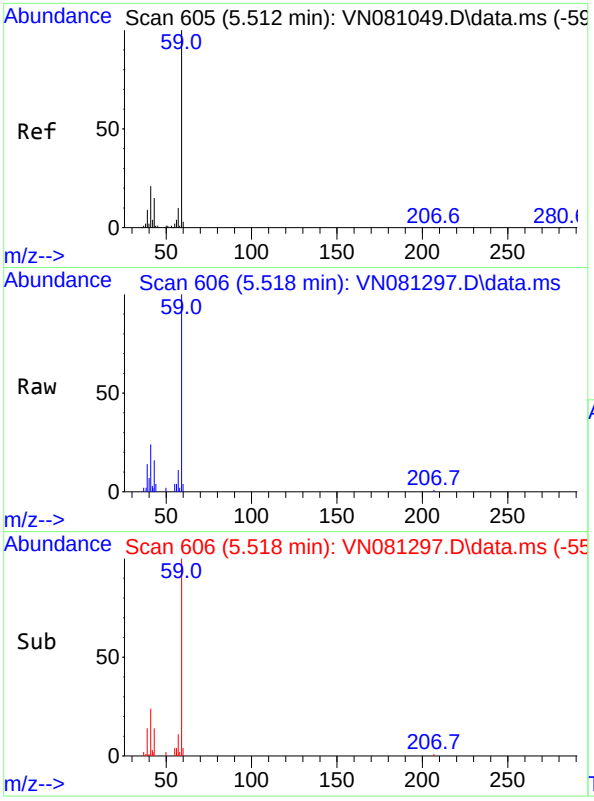


#10
Methyl Iodide
Concen: 19.093 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:142 Resp: 57479

Ion	Ratio	Lower	Upper
142	100		
127	37.3	37.0	55.4
141	17.0	12.5	18.7





#11
Tert butyl alcohol
Concen: 118.665 ug/l
RT: 5.518 min Scan# 6(
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 59 Resp: 6166(

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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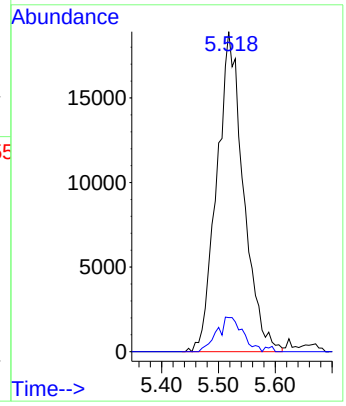
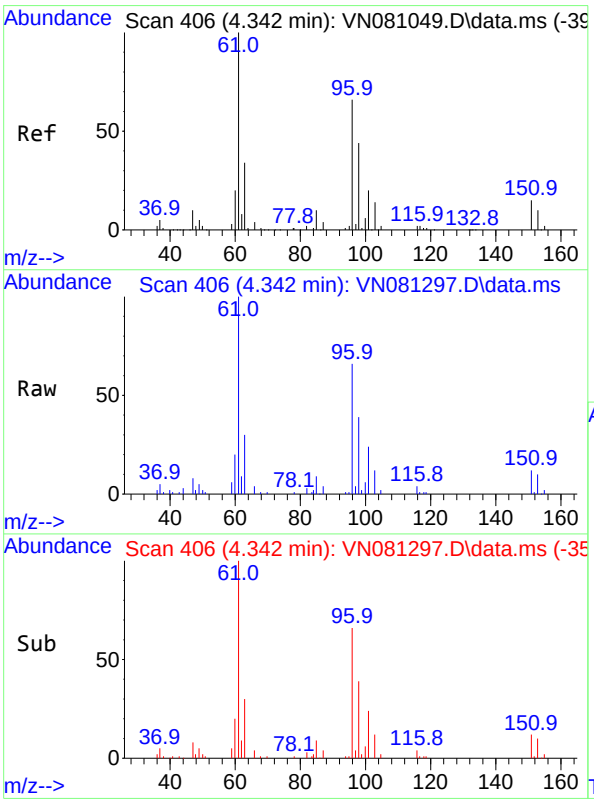
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/05/2024

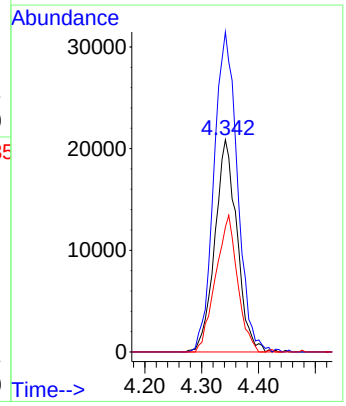


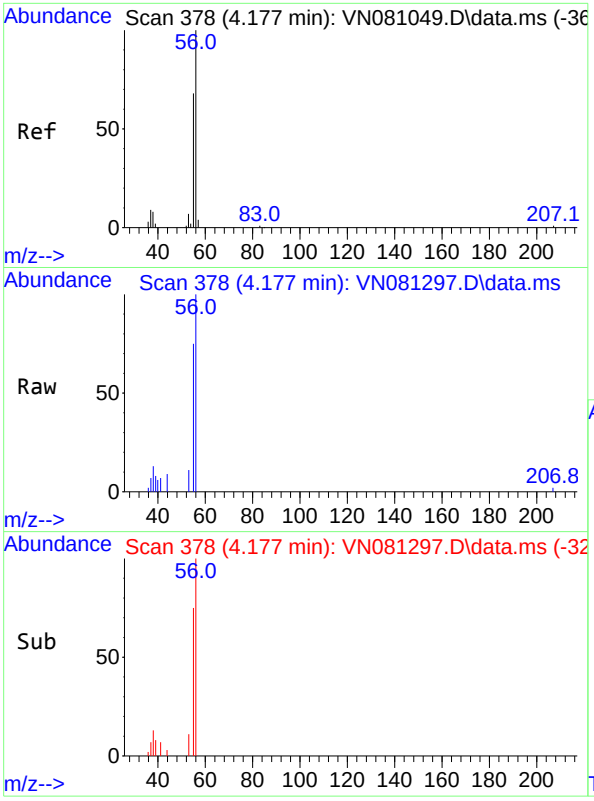


#12
1,1-Dichloroethene
Concen: 21.686 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 96 Resp: 56537

Ion	Ratio	Lower	Upper
96	100		
61	150.8	138.2	207.4
98	58.8	49.2	73.8

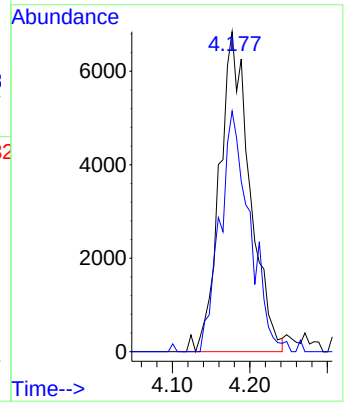




#13
Acrolein
Concen: 67.009 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 56 Resp: 1866

Ion	Ratio	Lower	Upper
56	100		
55	74.0	55.3	82.9



Instrument :
MSVOA_N
ClientSampleId :
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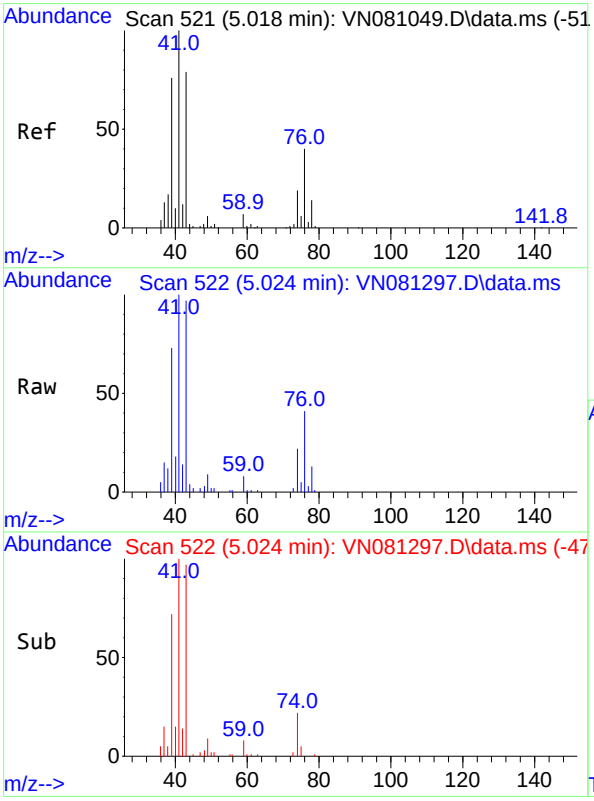
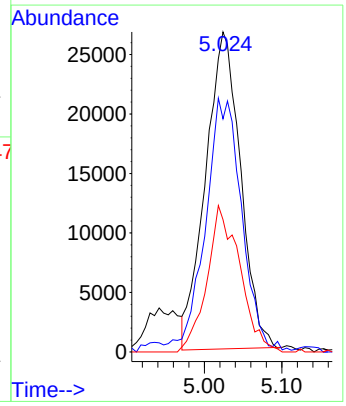
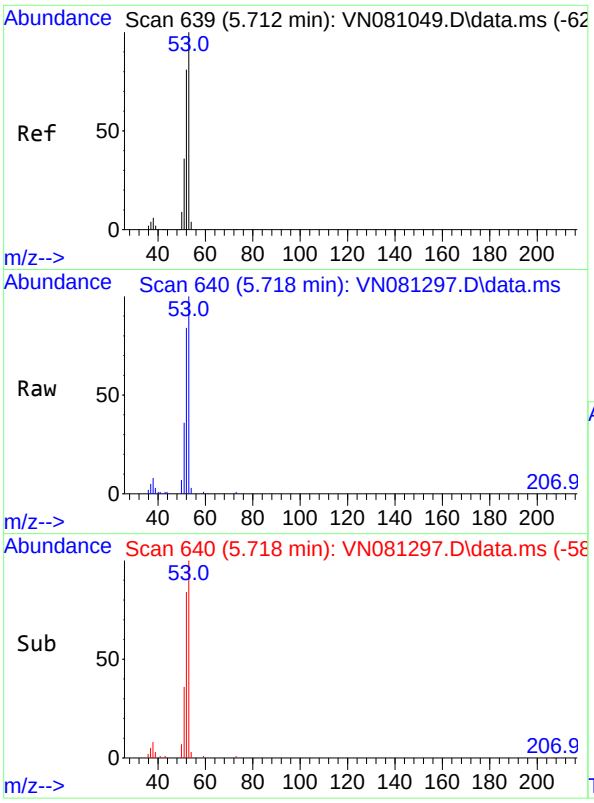


#14
Allyl chloride
Concen: 21.632 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 41 Resp: 83679

Ion	Ratio	Lower	Upper
41	100		
39	83.4	57.7	86.5
76	43.3	26.8	40.2#





#15
Acrylonitrile
Concen: 131.833 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 53 Resp: 17892

Ion	Ratio	Lower	Upper
53	100		
52	81.0	64.8	97.2
51	35.0	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

Manual Integrations
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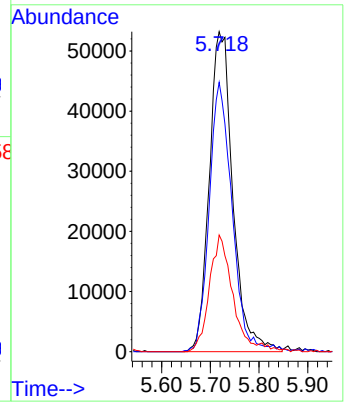
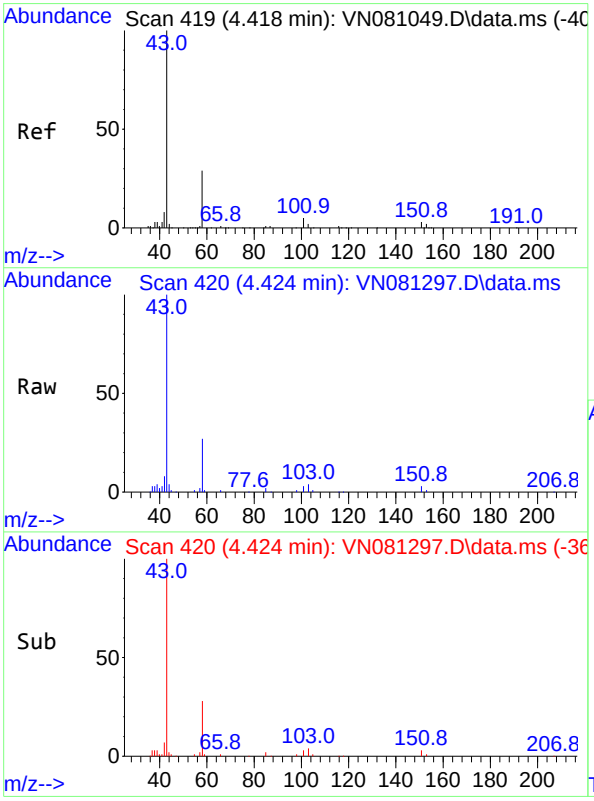
Supervised By :Mahesh Dadoda 03/05/2024

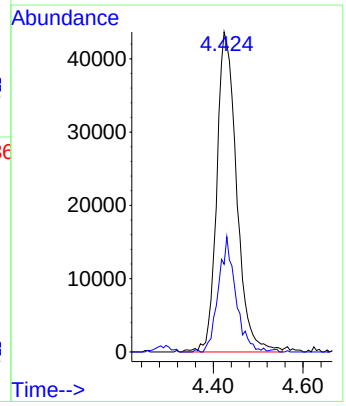


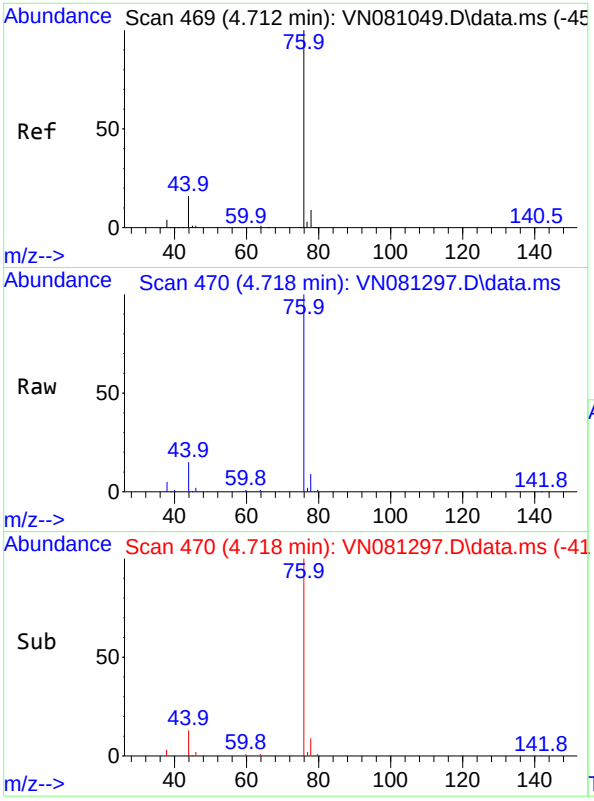


#16
Acetone
Concen: 121.034 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 134573

Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.8	37.2

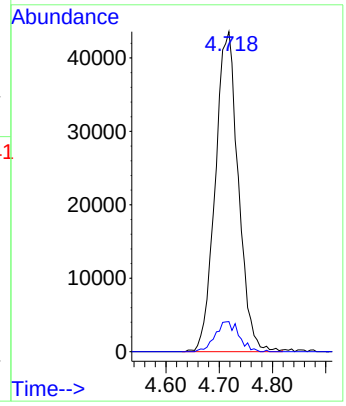




#17
Carbon Disulfide
Concen: 18.015 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 76 Resp: 13099

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.3	9.5



Instrument :
MSVOA_N
ClientSampleId :
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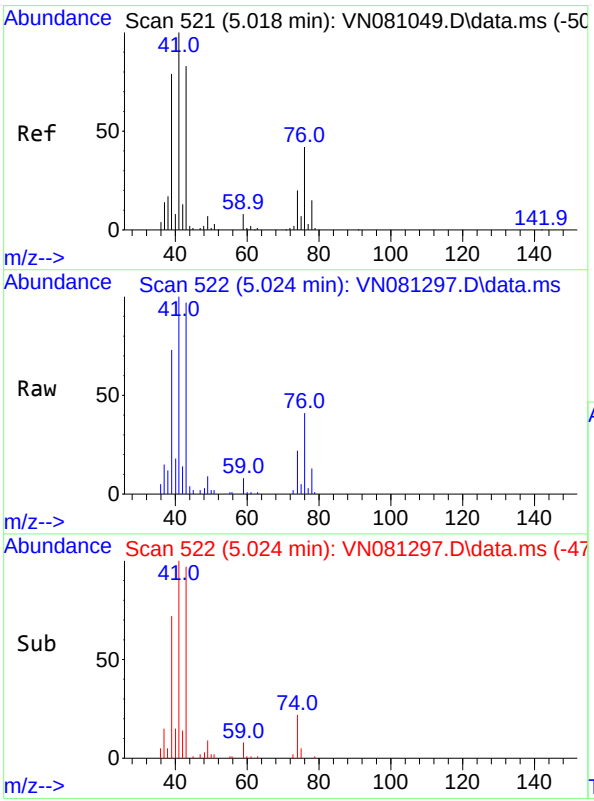
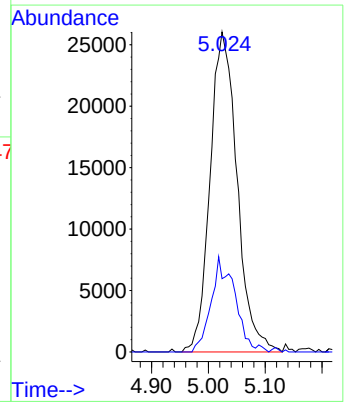
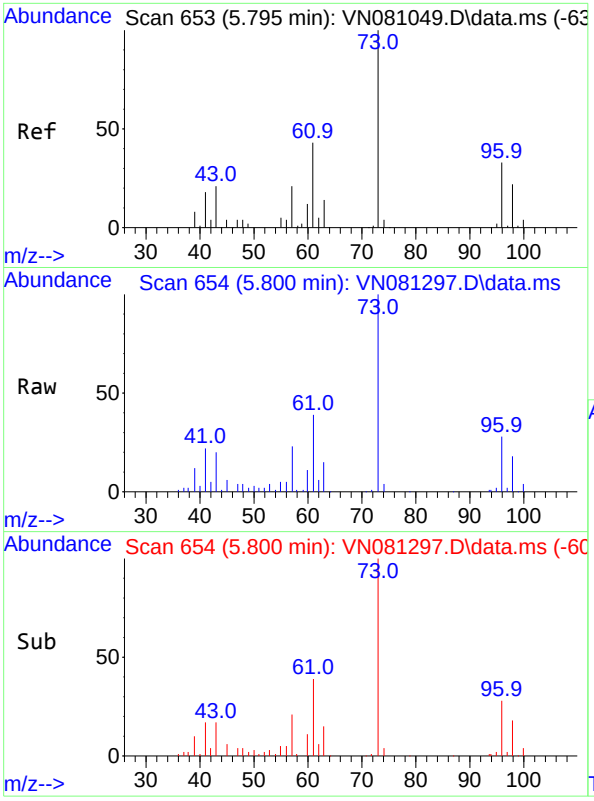


#18
Methyl Acetate
Concen: 31.726 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 86053

Ion	Ratio	Lower	Upper
43	100		
74	25.8	17.3	25.9

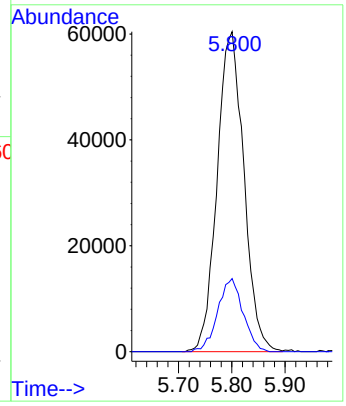




#19
Methyl tert-butyl Ether
Concen: 23.596 ug/l
RT: 5.800 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 73 Resp: 21069

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.2	27.4



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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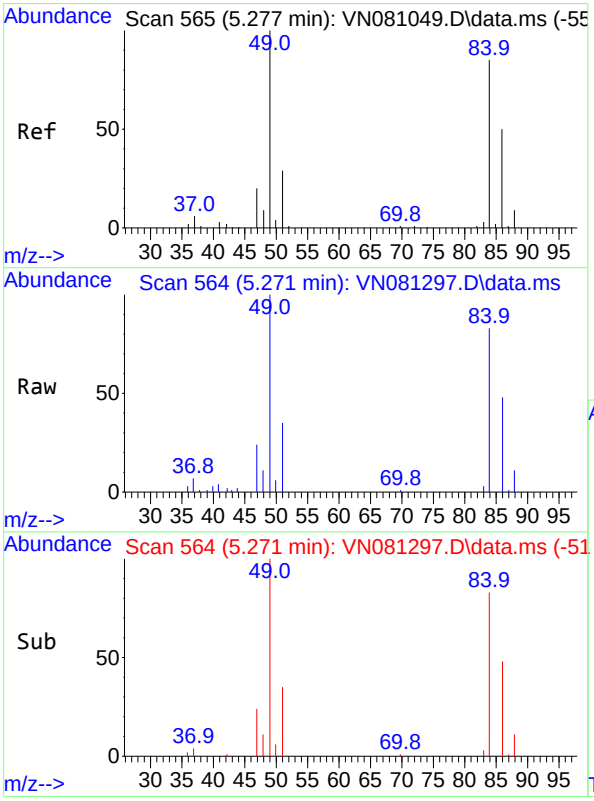
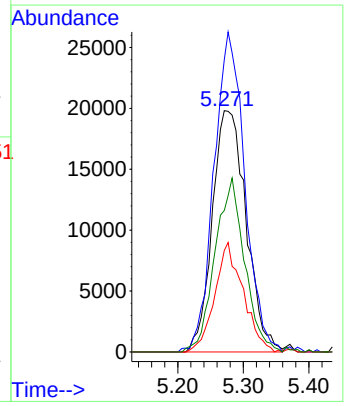
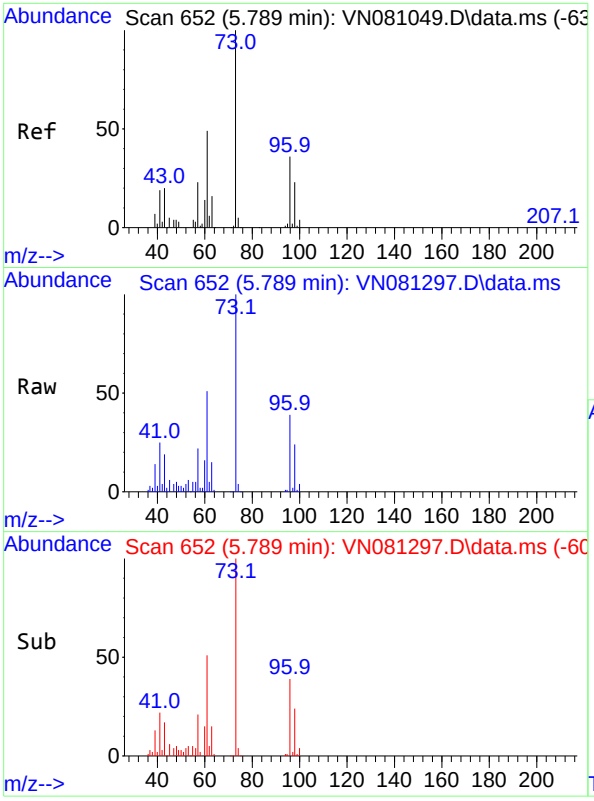


#20
Methylene Chloride
Concen: 24.222 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 84 Resp: 71050

Ion	Ratio	Lower	Upper
84	100		
49	121.1	108.1	162.1
51	42.1	32.9	49.3
86	58.6	48.6	73.0





#21
trans-1,2-Dichloroethene
Concen: 22.017 ug/l
RT: 5.789 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 96 Resp: 6404

Ion	Ratio	Lower	Upper
96	100		
61	128.5	112.8	169.2
98	59.8	51.0	76.4

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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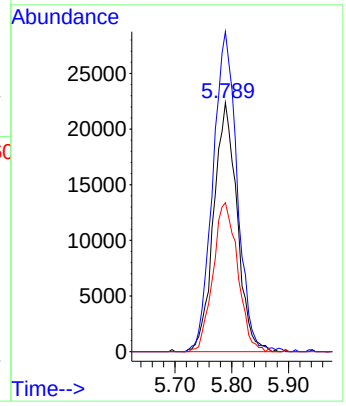
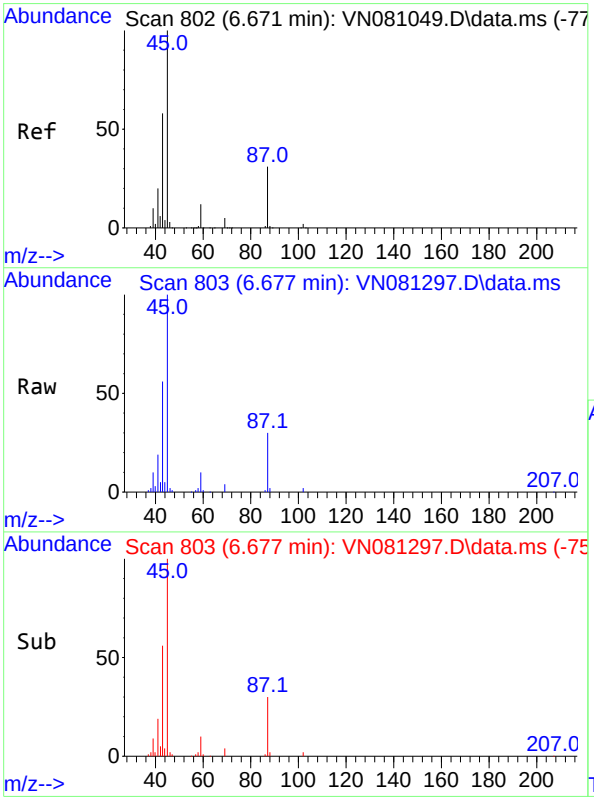
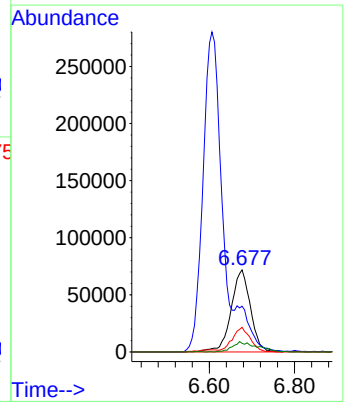


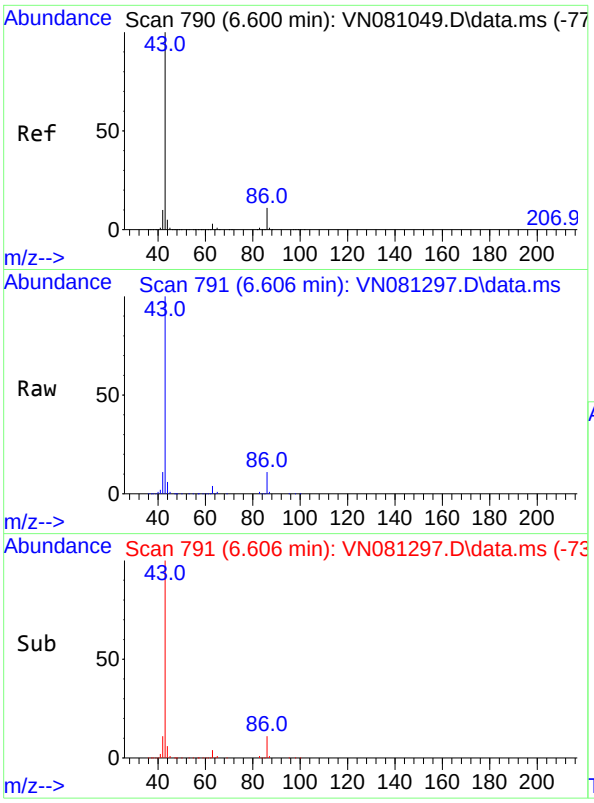


#22
Diisopropyl ether
Concen: 25.820 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 45 Resp: 226568

Ion	Ratio	Lower	Upper
45	100		
43	55.3	41.8	62.8
87	30.0	18.1	27.1#
59	10.1	9.0	13.6

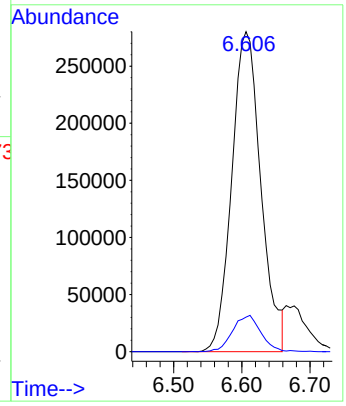




#23
Vinyl Acetate
Concen: 116.993 ug/l
RT: 6.606 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 83292

Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.1	10.7#



Instrument :
MSVOA_N
ClientSampleId :
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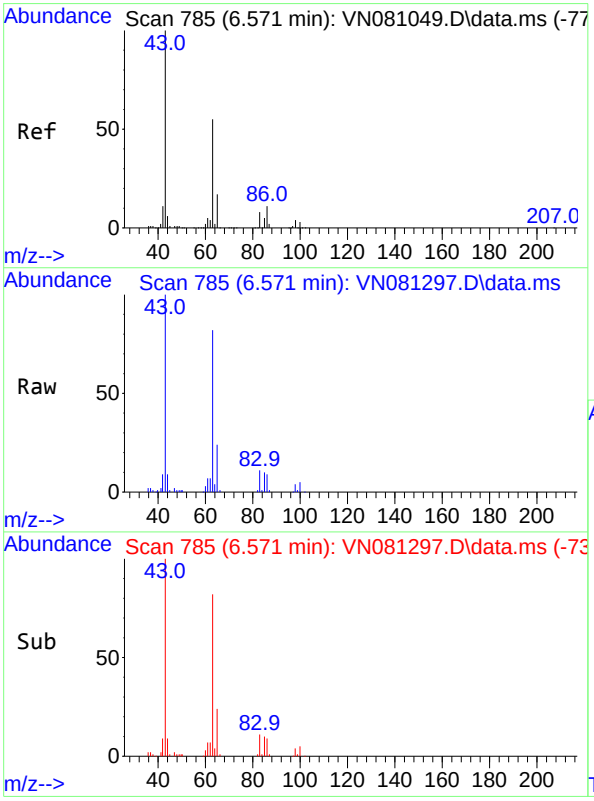
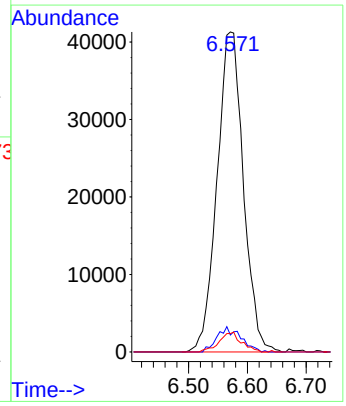
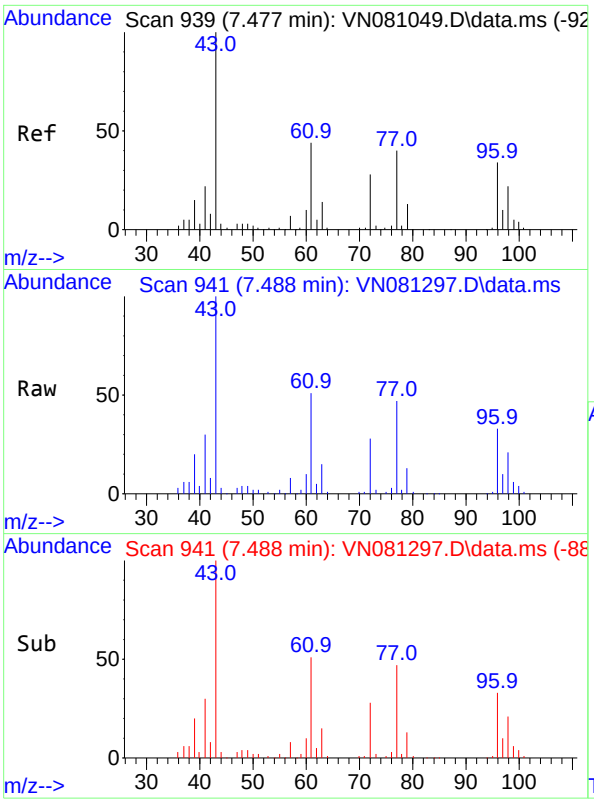


#24
1,1-Dichloroethane
Concen: 25.305 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 63 Resp: 128392

Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.9	8.6
100	5.8	1.9	5.7#





#25
2-Butanone
Concen: 125.510 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 22544

Ion	Ratio	Lower	Upper
43	100		
72	27.7	19.5	29.3

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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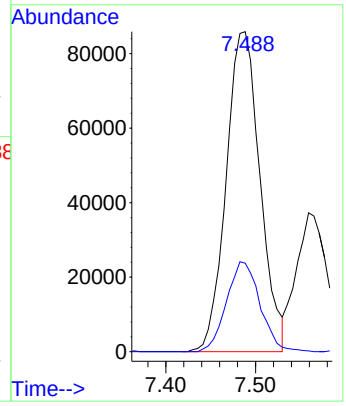
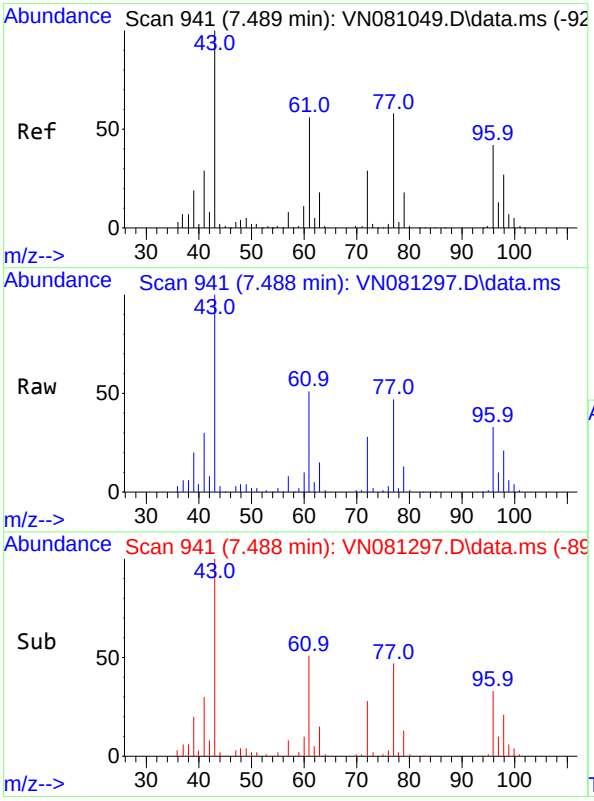
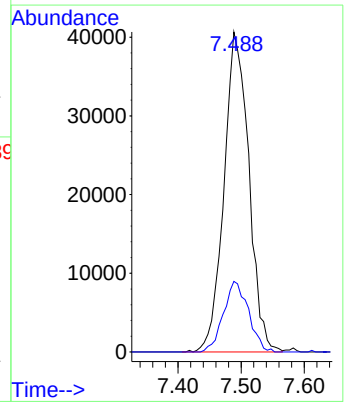


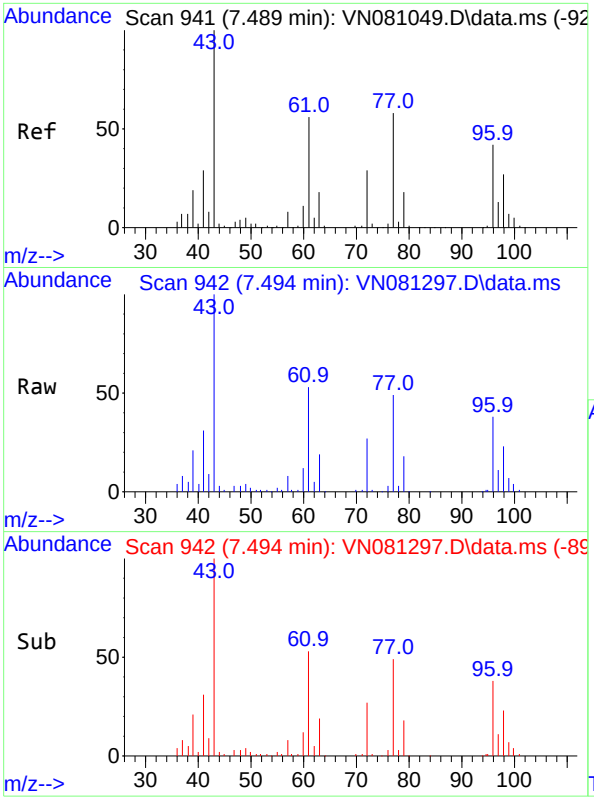


#26
2,2-Dichloropropane
Concen: 23.392 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 77 Resp: 111206

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.5	34.5





#27
cis-1,2-Dichloroethene
Concen: 23.307 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 96 Resp: 7876

Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	325.4
98	62.6	0.0	130.4

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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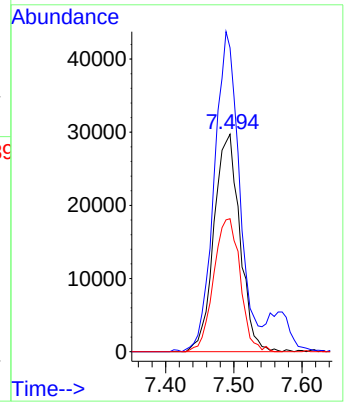
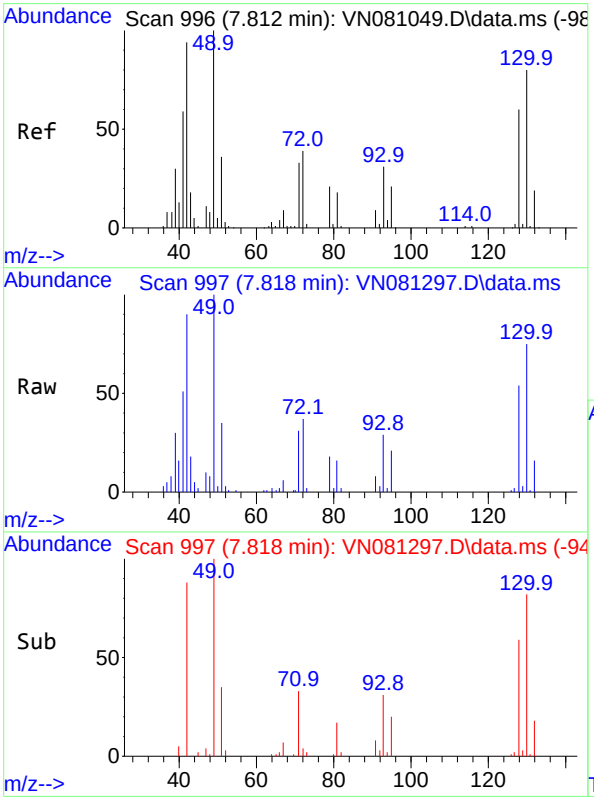
Supervised By :Mahesh Dadoda 03/05/2024

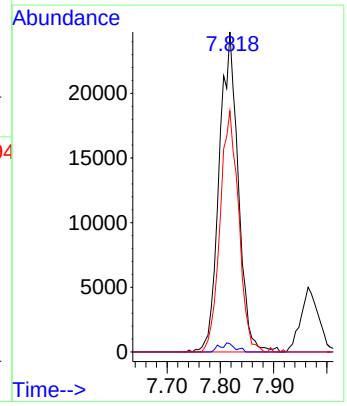


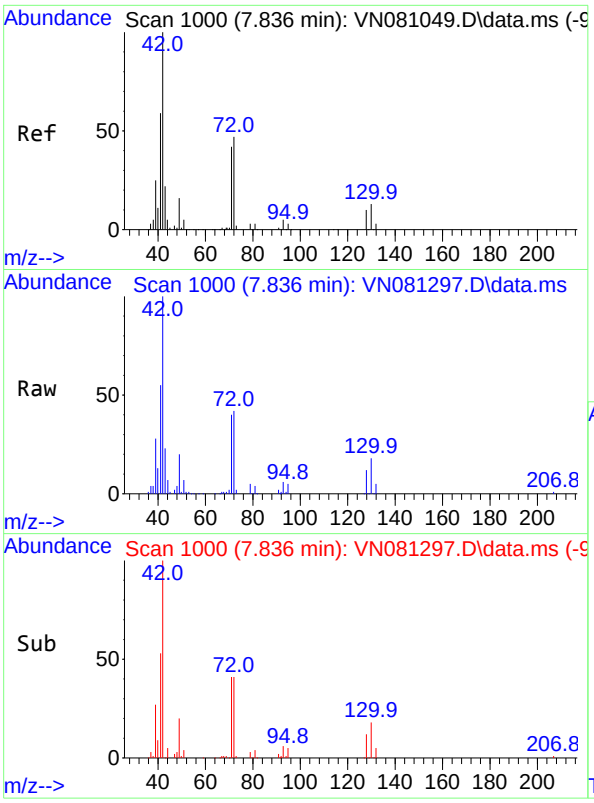


#28
Bromochloromethane
Concen: 29.163 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 49 Resp: 61342

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	1.6#
130	73.4	42.3	63.5#





#29
Tetrahydrofuran
Concen: 127.987 ug/l
RT: 7.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 42 Resp: 15346

Ion	Ratio	Lower	Upper
42	100		
72	43.7	31.1	46.7
71	41.3	28.3	42.5

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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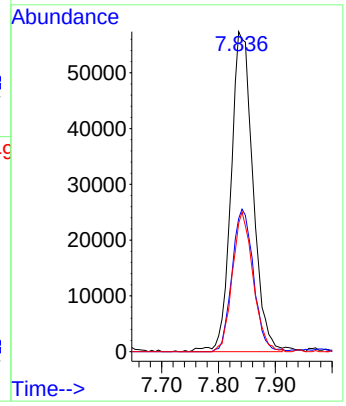
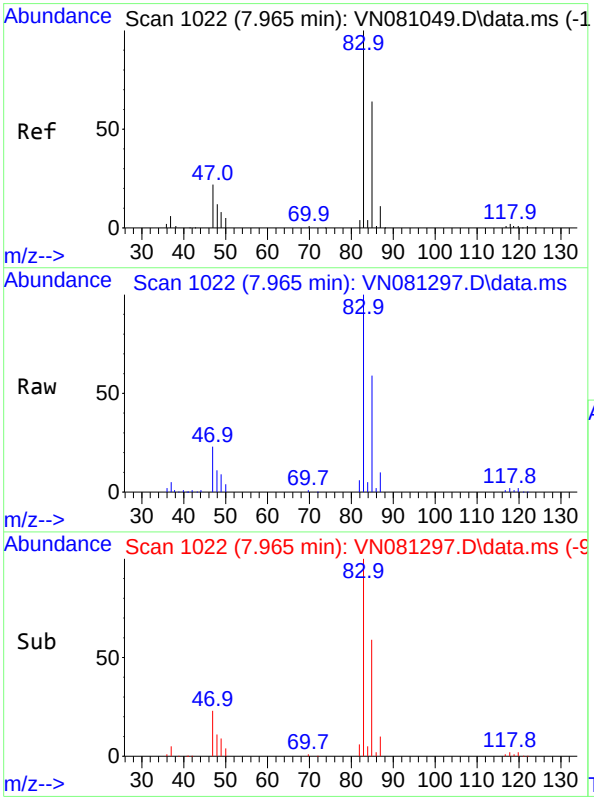
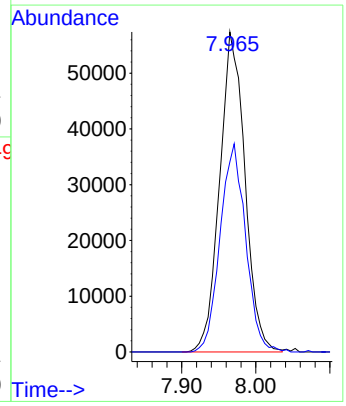


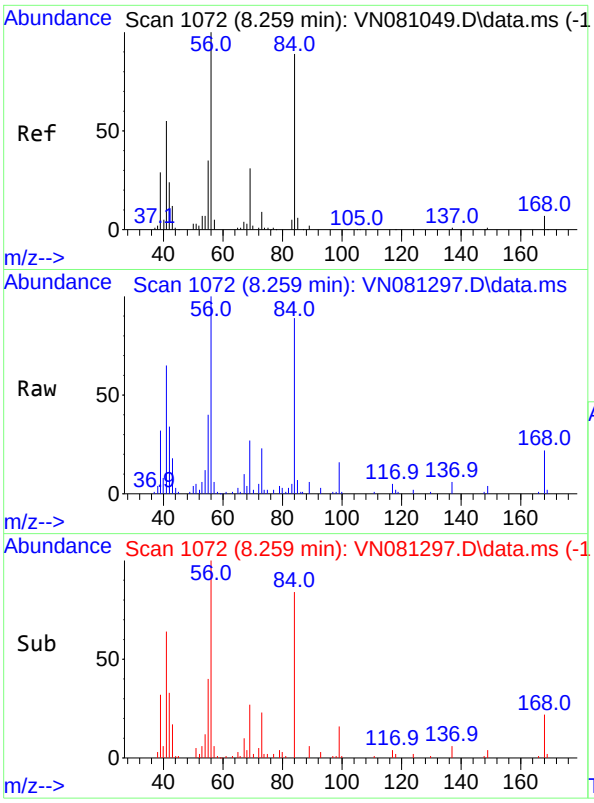


#30
Chloroform
Concen: 25.210 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 83 Resp: 135978

Ion	Ratio	Lower	Upper
83	100		
85	59.4	51.0	76.6

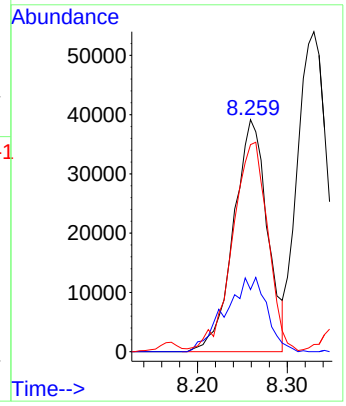




#31
Cyclohexane
Concen: 20.922 ug/l
RT: 8.259 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 56 Resp: 10208

Ion	Ratio	Lower	Upper
56	100		
69	26.8	20.1	30.1
84	87.9	56.9	85.3#



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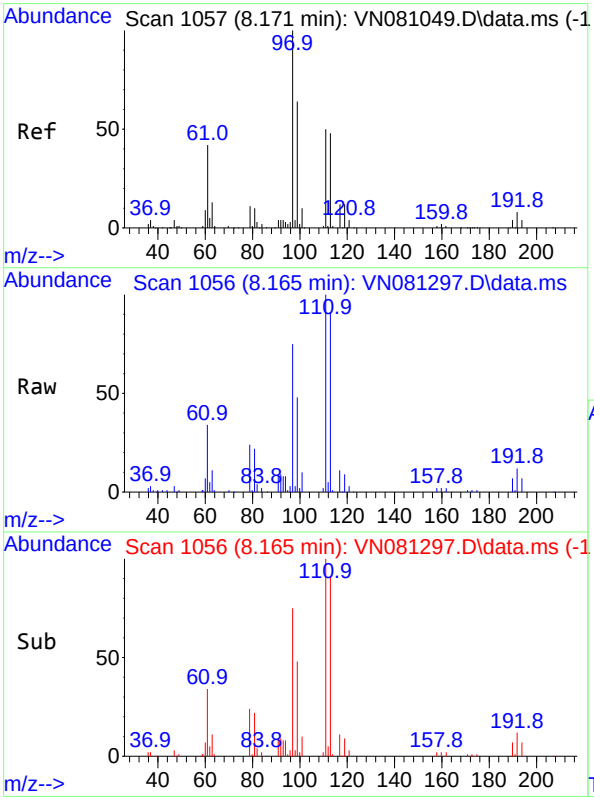
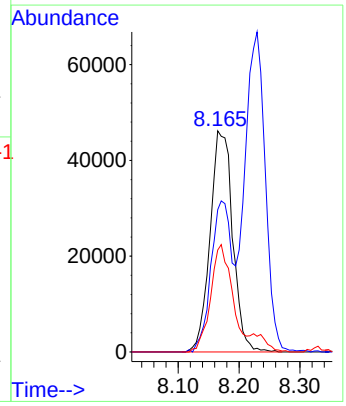
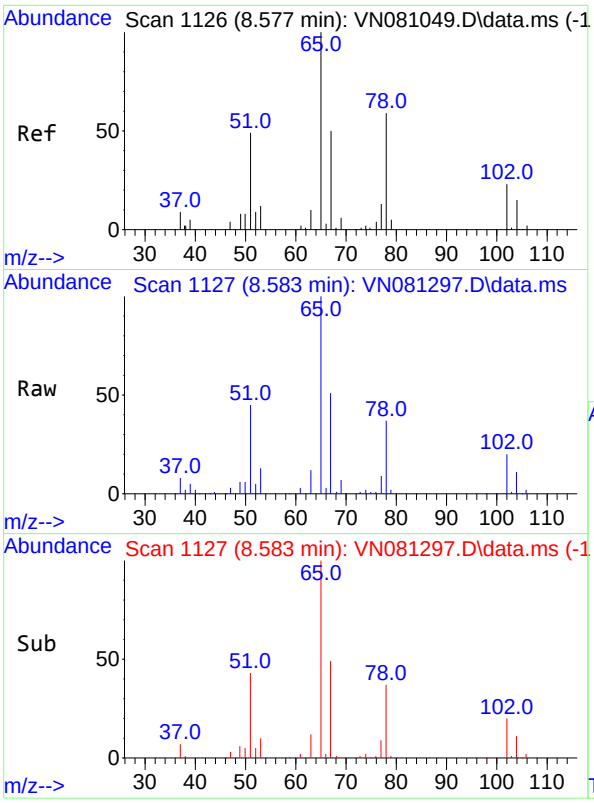


#32
1,1,1-Trichloroethane
Concen: 24.250 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 97 Resp: 119123

Ion	Ratio	Lower	Upper
97	100		
99	64.0	53.4	80.0
61	47.3	43.8	65.8

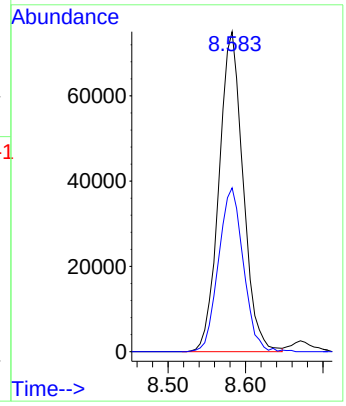




#33
1,2-Dichloroethane-d4
Concen: 57.515 ug/l
RT: 8.583 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 65 Resp: 16252

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	102.4



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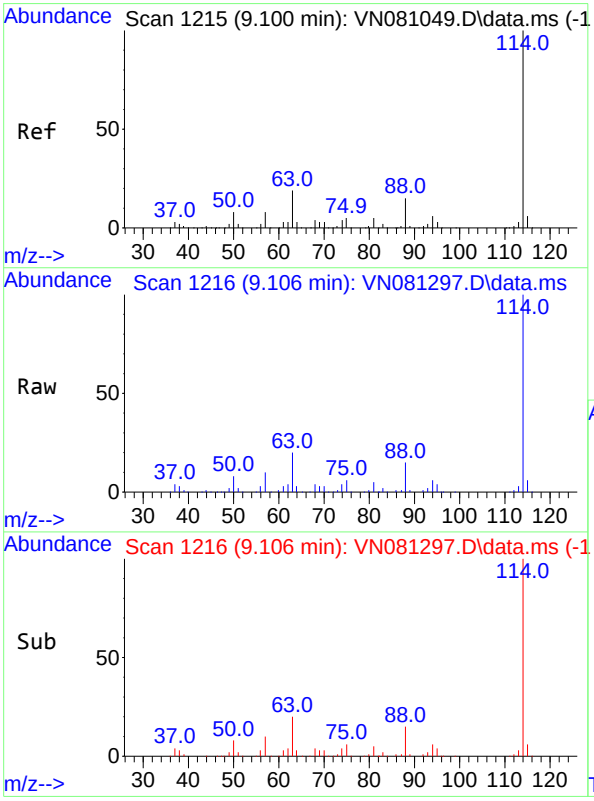
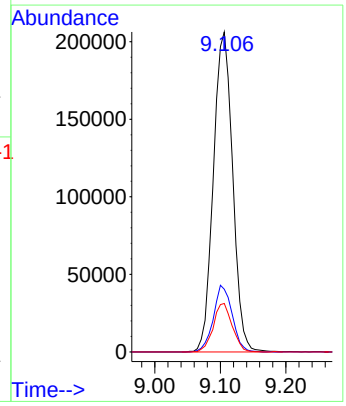
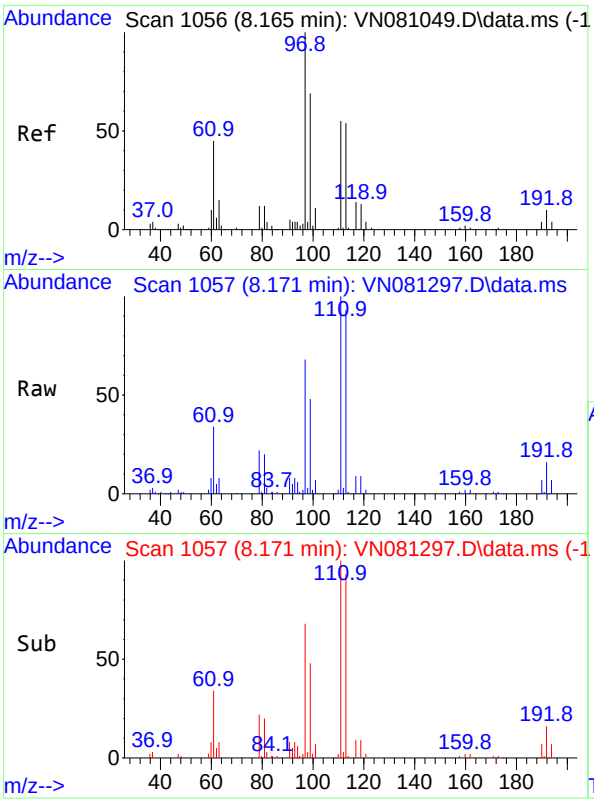


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:114 Resp: 421246

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	48.0
88	15.2	0.0	34.8

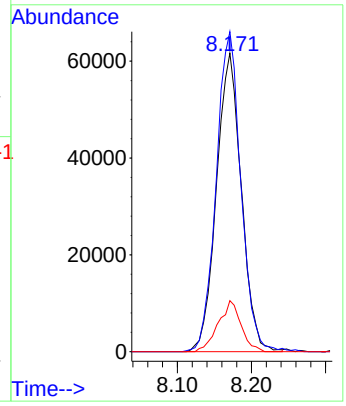




#35
Dibromofluoromethane
Concen: 60.398 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:113 Resp: 14386

Ion	Ratio	Lower	Upper
113	100		
111	106.4	82.2	123.4
192	15.6	12.5	18.7



Instrument :
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ClientSampleId :
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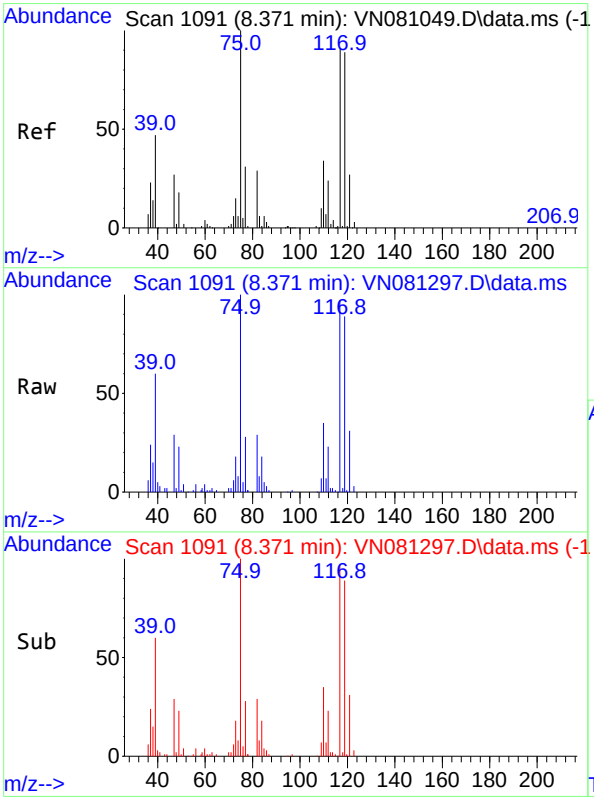
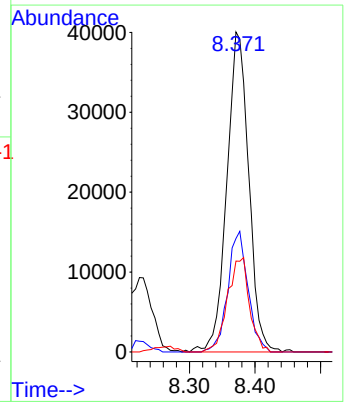
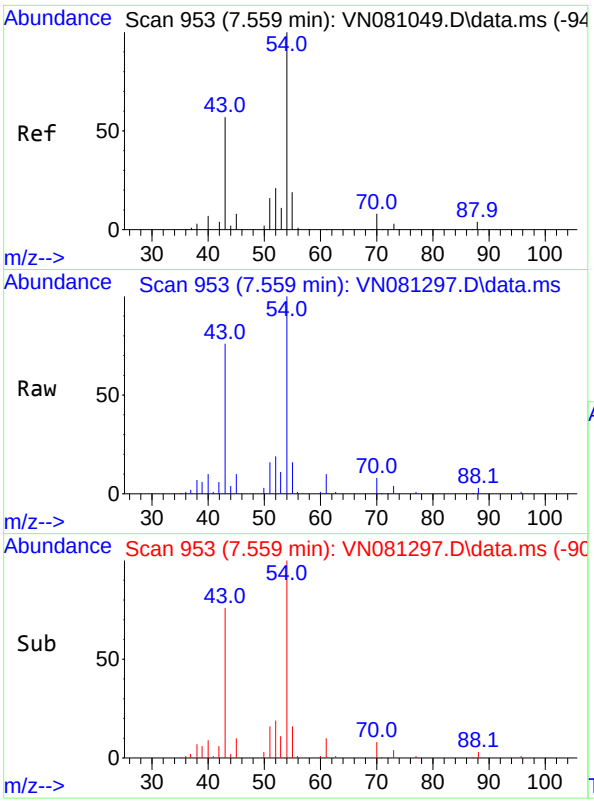


#36
1,1-Dichloropropene
Concen: 22.761 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 75 Resp: 92886

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.0	48.0
77	29.5	25.8	38.6





#37
Ethyl Acetate
Concen: 25.093 ug/l
RT: 7.559 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 9241

Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	11.5	8.0	12.0

Instrument :
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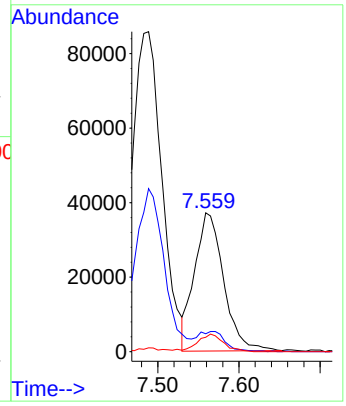
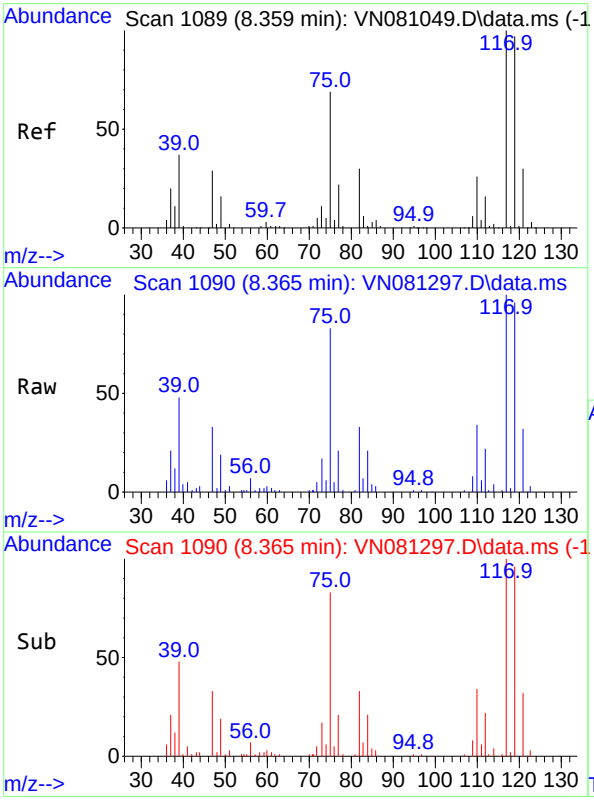
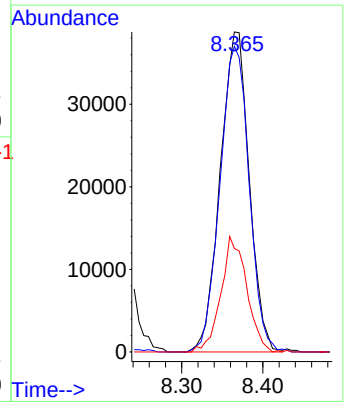


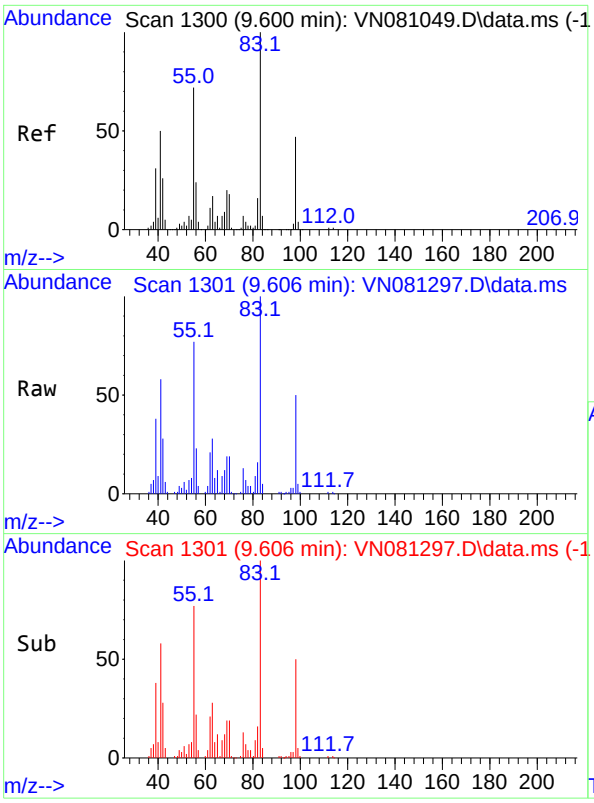


#38
Carbon Tetrachloride
Concen: 23.235 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:117 Resp: 95932

Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.4	110.2
121	32.4	24.4	36.6

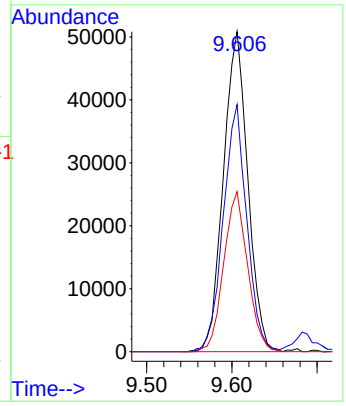




#39
Methylcyclohexane
Concen: 21.274 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 83 Resp: 10120

Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.7	98.5
98	50.0	33.8	50.6



Instrument :
MSVOA_N
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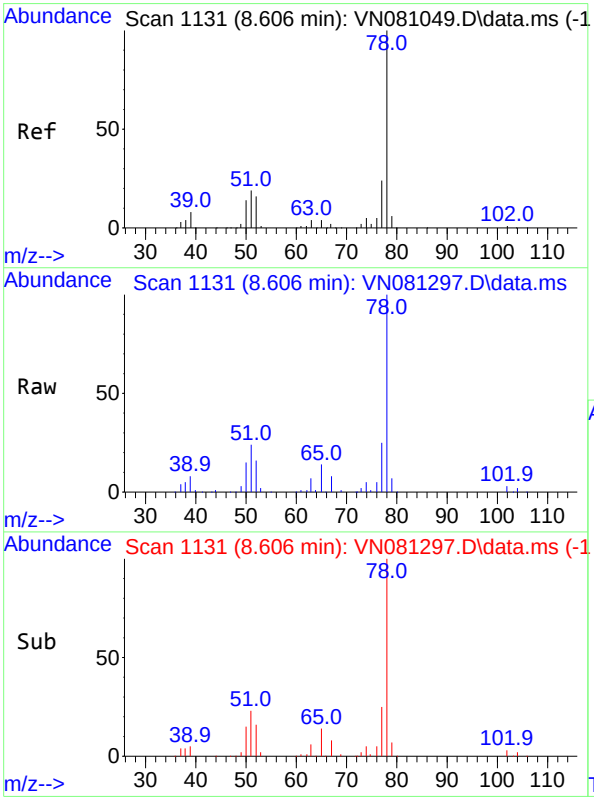
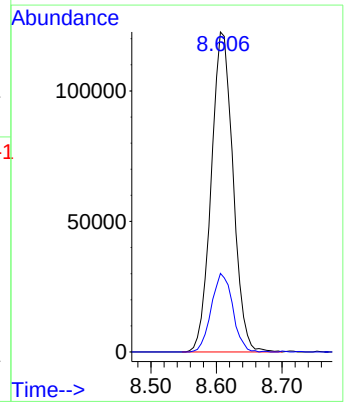
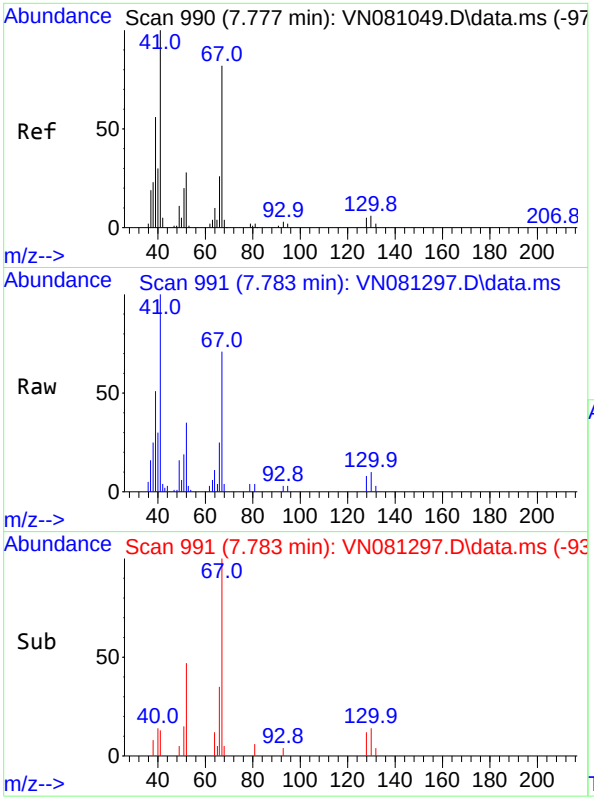


#40
Benzene
Concen: 23.939 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 78 Resp: 282775

Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.4	30.6

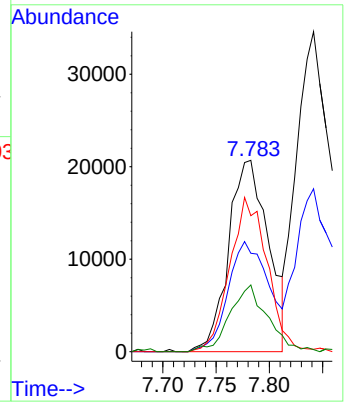




#41
Methacrylonitrile
Concen: 25.709 ug/l
RT: 7.783 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 41 Resp: 5388

Ion	Ratio	Lower	Upper
41	100		
39	59.0	48.4	72.6
67	75.9	56.8	85.2
52	33.0	25.0	37.4



Instrument :
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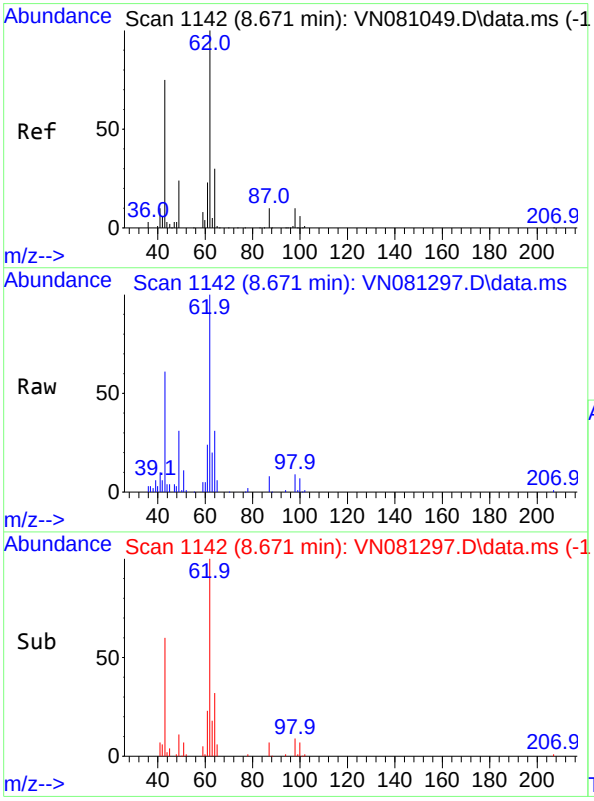
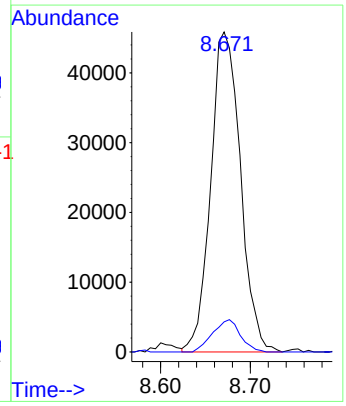
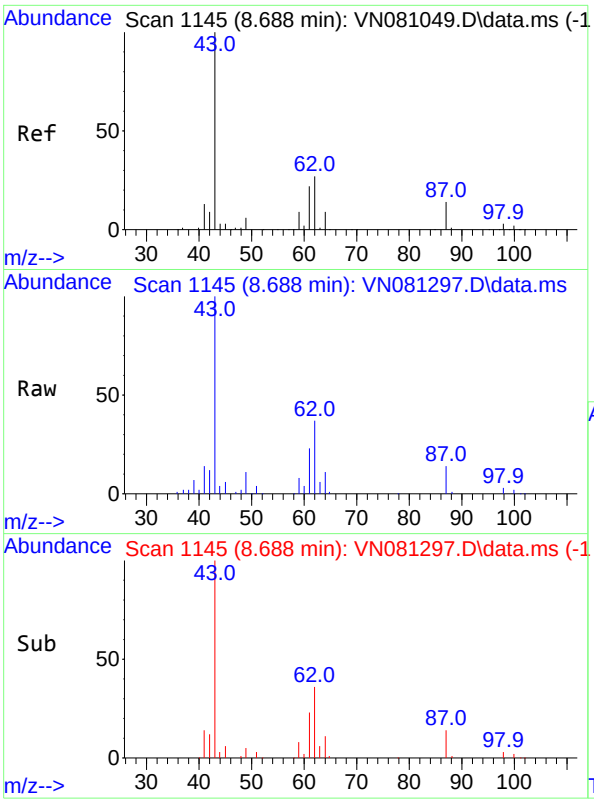


#42
1,2-Dichloroethane
Concen: 25.645 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 62 Resp: 105685

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

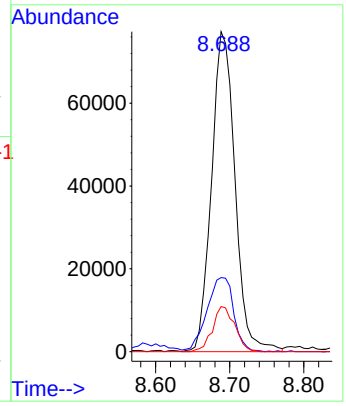




#43
Isopropyl Acetate
Concen: 26.405 ug/l
RT: 8.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 17008

Ion	Ratio	Lower	Upper
43	100		
61	26.4	19.9	29.9
87	13.4	9.0	13.6



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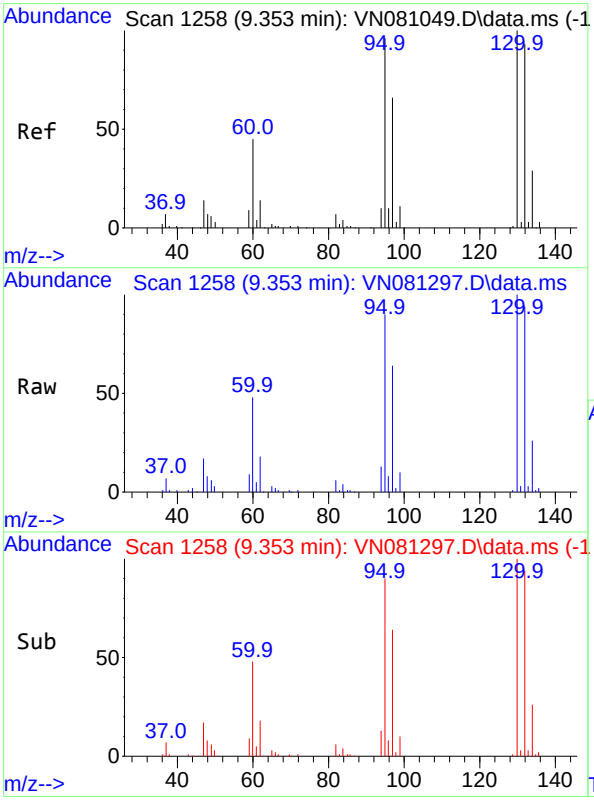
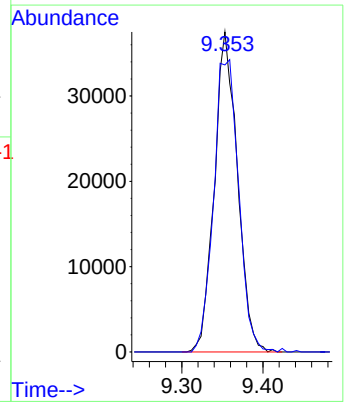
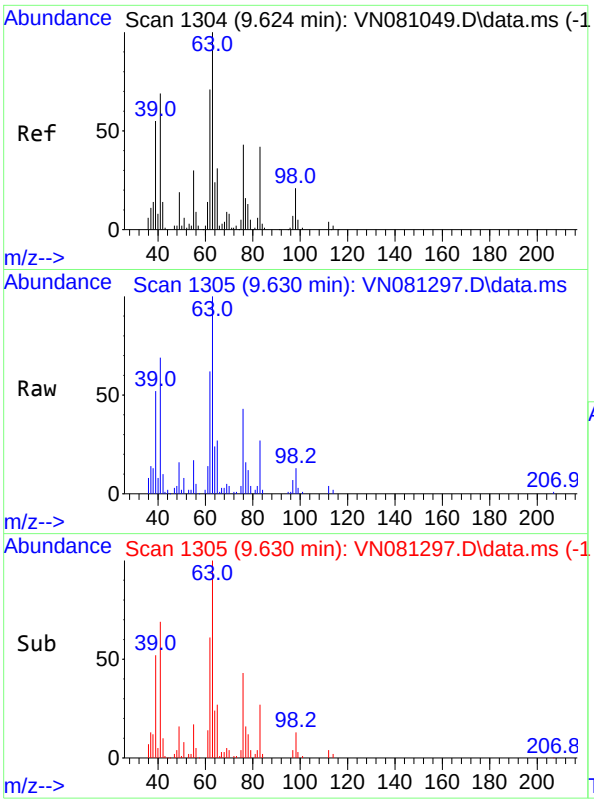


#44
Trichloroethene
Concen: 23.543 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:130 Resp: 74069

Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	210.4

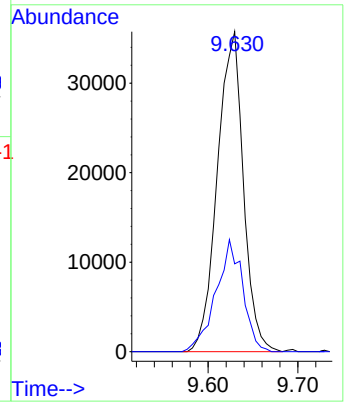




#45
1,2-Dichloropropane
Concen: 24.375 ug/l
RT: 9.630 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 63 Resp: 7202

Ion	Ratio	Lower	Upper
63	100		
65	27.5	26.1	39.1



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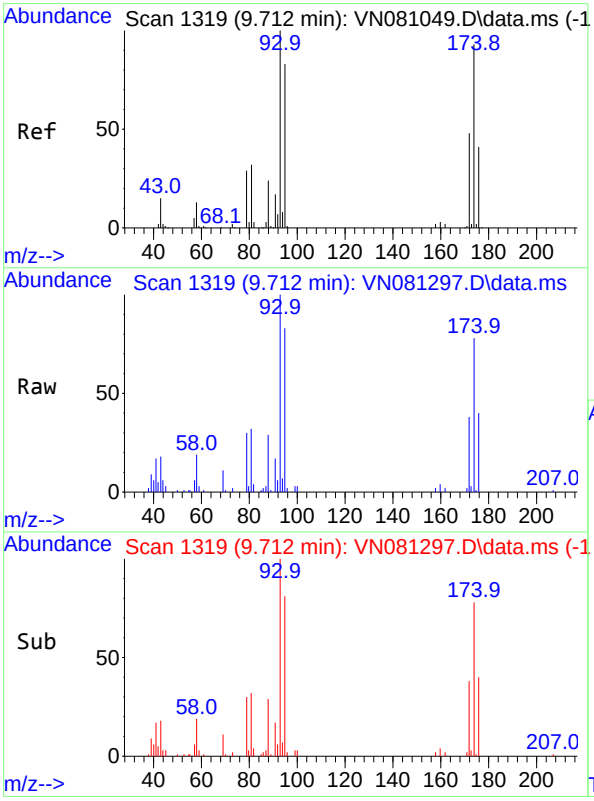
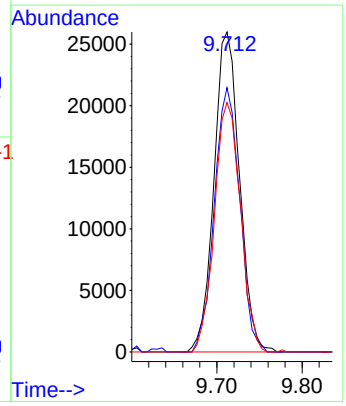
Supervised By :Mahesh Dadoda 03/05/2024

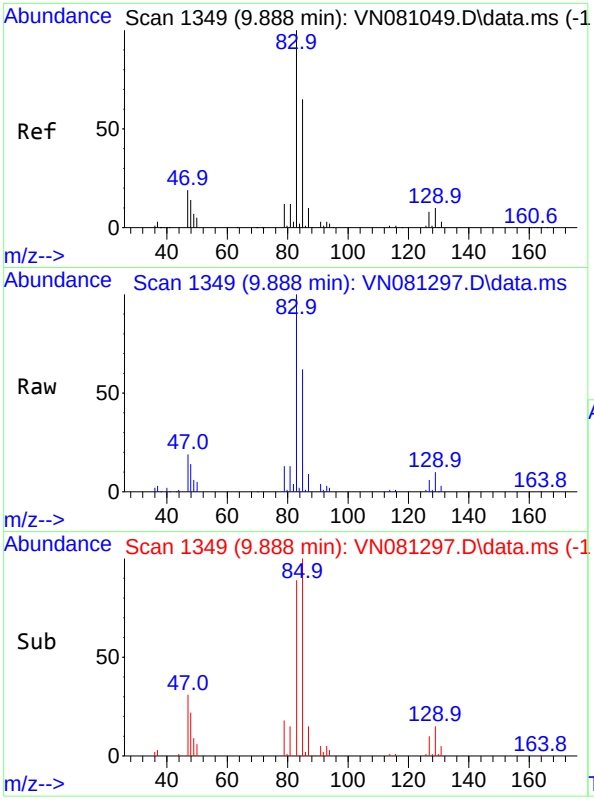


#46
Dibromomethane
Concen: 25.105 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 93 Resp: 54047

Ion	Ratio	Lower	Upper
93	100		
95	82.2	68.1	102.1
174	79.4	57.2	85.8

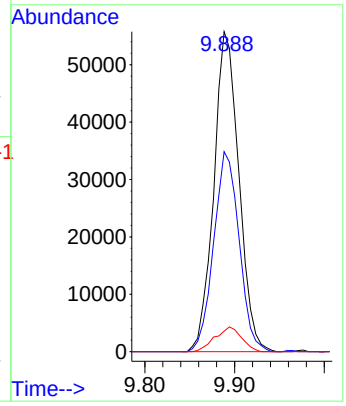




#47
Bromodichloromethane
Concen: 26.525 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 83 Resp: 10815

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.3	78.5
127	6.4	4.6	7.0



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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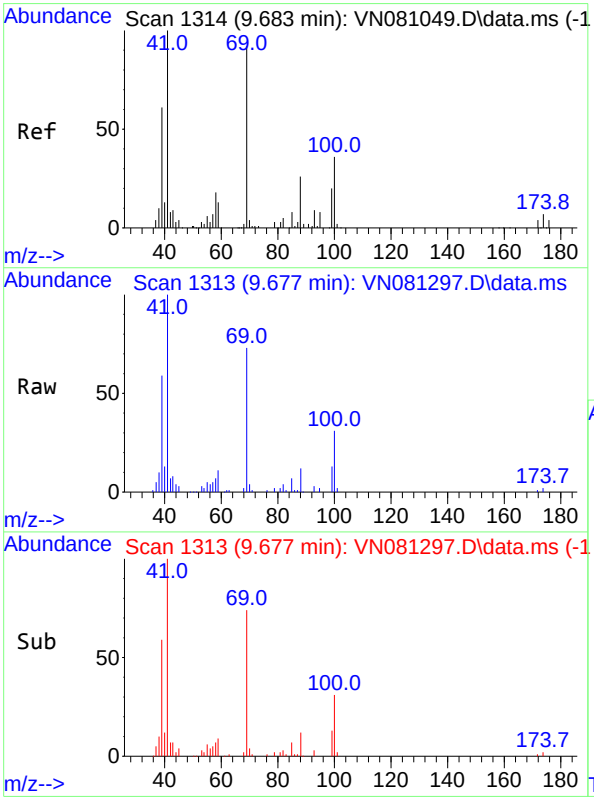
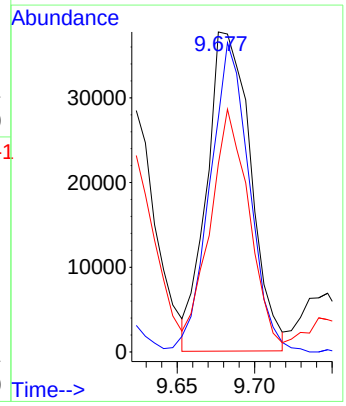
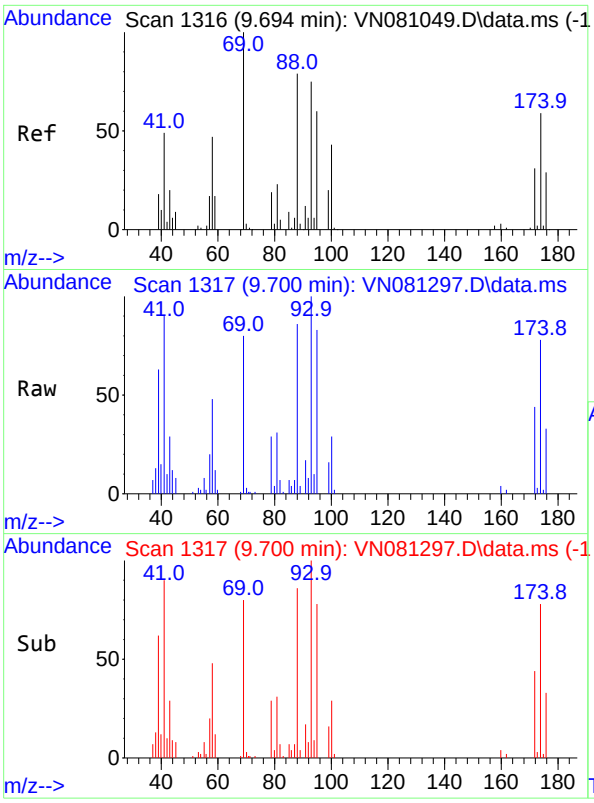


#48
Methyl methacrylate
Concen: 24.807 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 41 Resp: 74354

Ion	Ratio	Lower	Upper
41	100		
69	87.0	62.2	93.2
39	68.3	47.6	71.4





#49
1,4-Dioxane
Concen: 551.333 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 88 Resp: 3139

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	63.3	63.9	95.9#

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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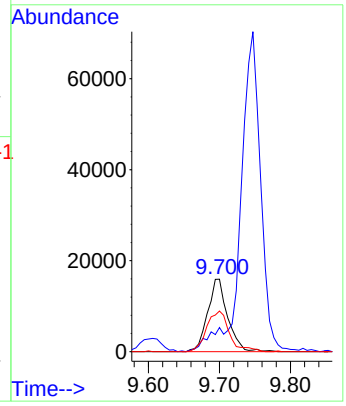
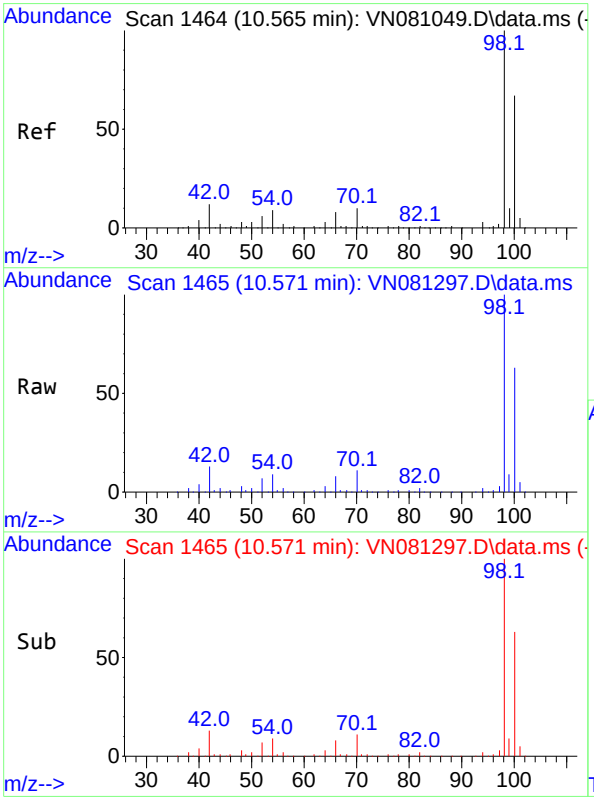
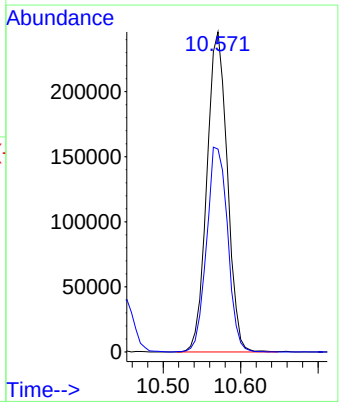


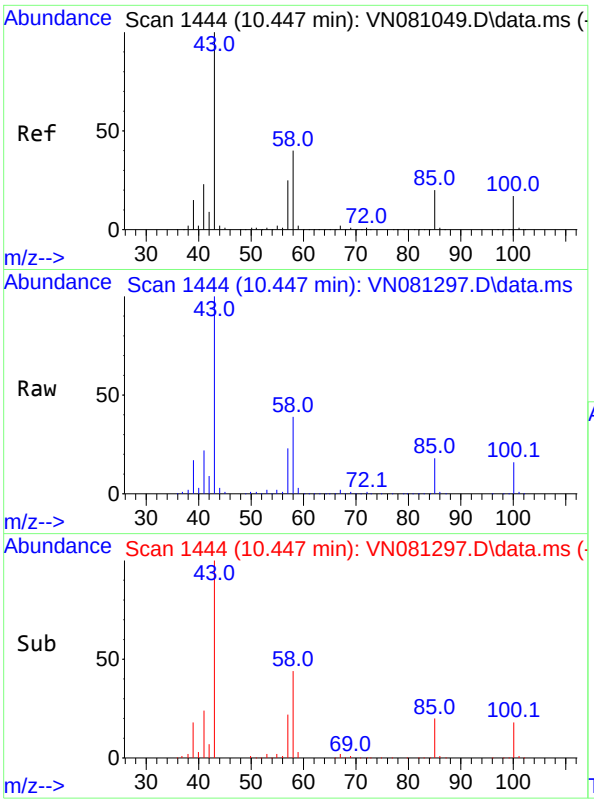


#50
Toluene-d8
Concen: 53.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 98 Resp: 450248

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.4	77.0

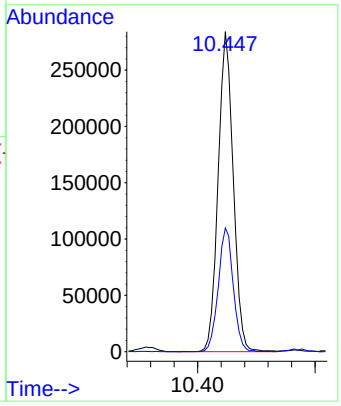




#51
4-Methyl-2-Pentanone
Concen: 136.673 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 50643

Ion	Ratio	Lower	Upper
43	100		
58	38.4	29.4	44.0



Instrument :
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VN0304WBS02

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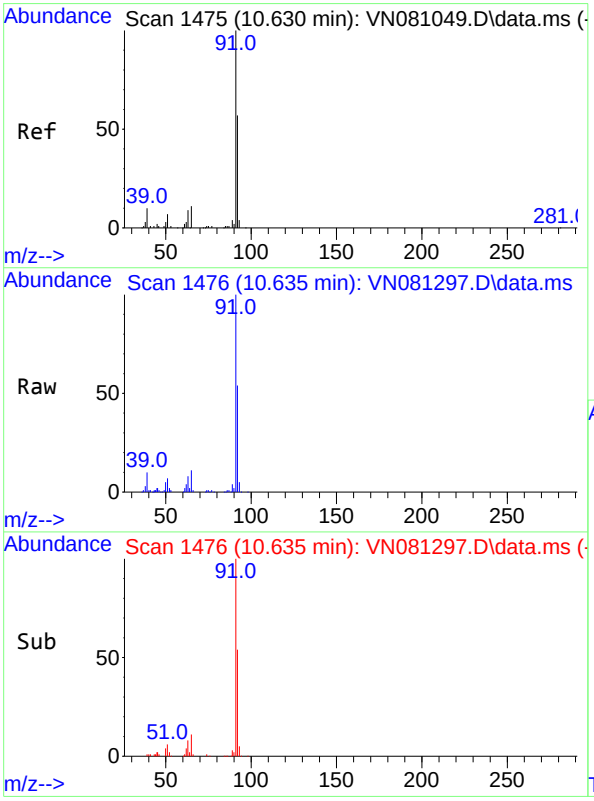
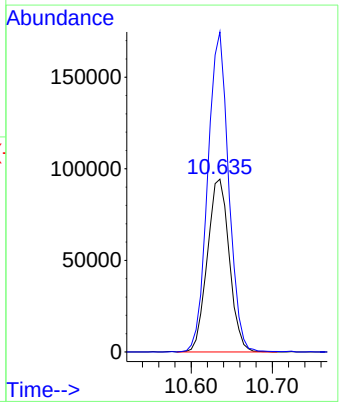
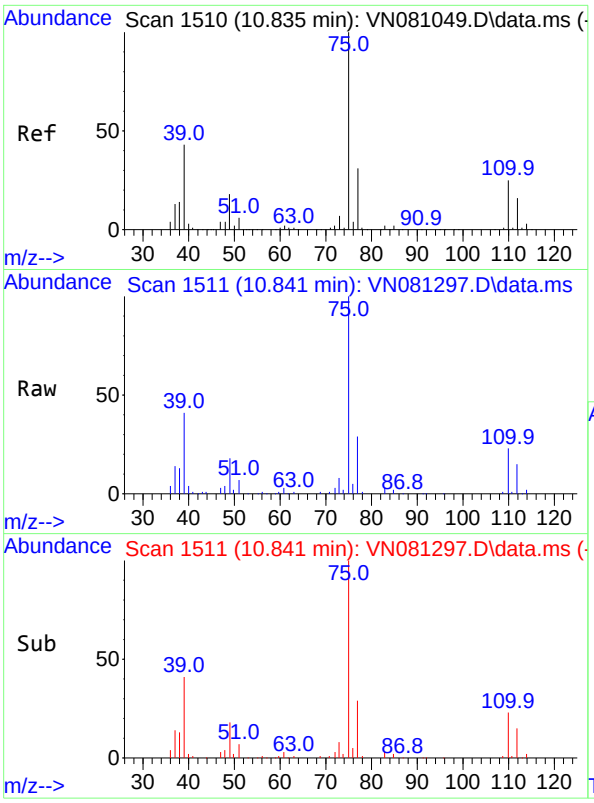


#52
Toluene
Concen: 23.708 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 92 Resp: 177289

Ion	Ratio	Lower	Upper
92	100		
91	176.2	139.4	209.0

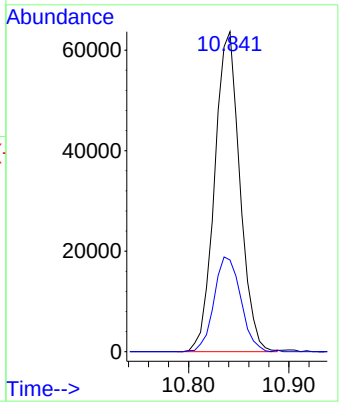




#53
t-1,3-Dichloropropene
Concen: 24.545 ug/l
RT: 10.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 75 Resp: 11121

Ion	Ratio	Lower	Upper
75	100		
77	28.6	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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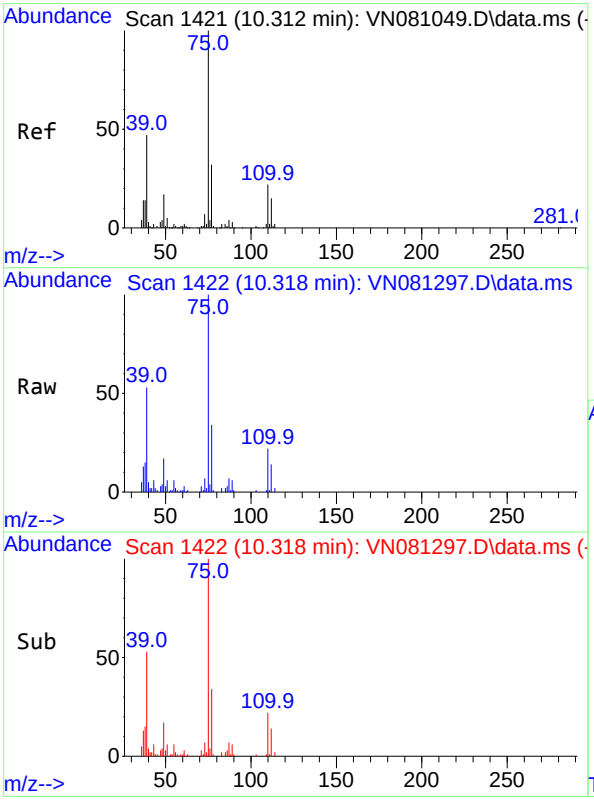
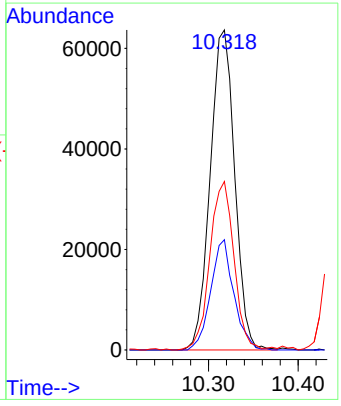
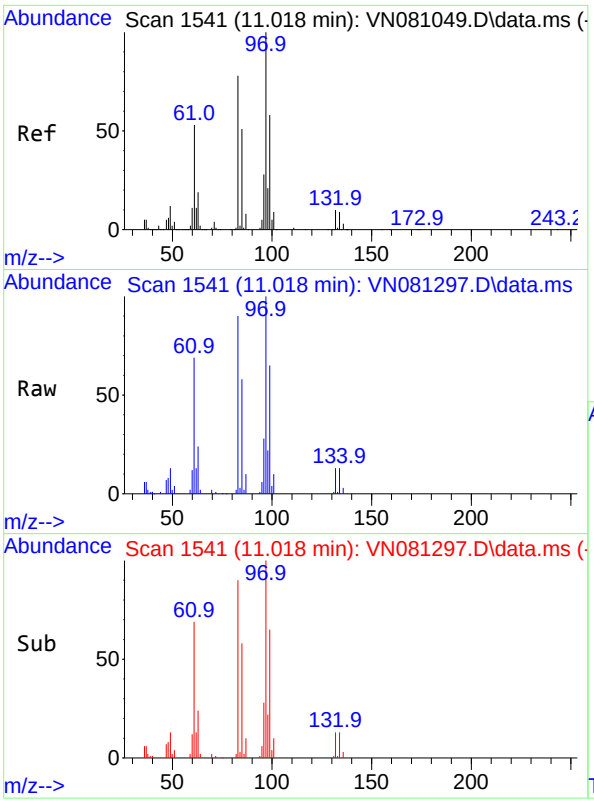


#54
cis-1,3-Dichloropropene
Concen: 24.675 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 75 Resp: 120797

Ion	Ratio	Lower	Upper
75	100		
77	34.5	23.3	34.9
39	52.6	44.6	66.8

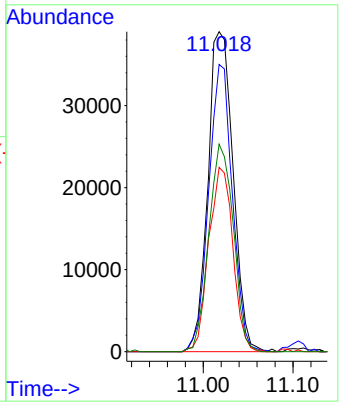




#55
1,1,2-Trichloroethane
Concen: 26.486 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 97 Resp: 7617

Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.9	109.3
85	57.6	50.2	75.2
99	64.9	49.6	74.4



Instrument :
MSVOA_N
ClientSampleId :
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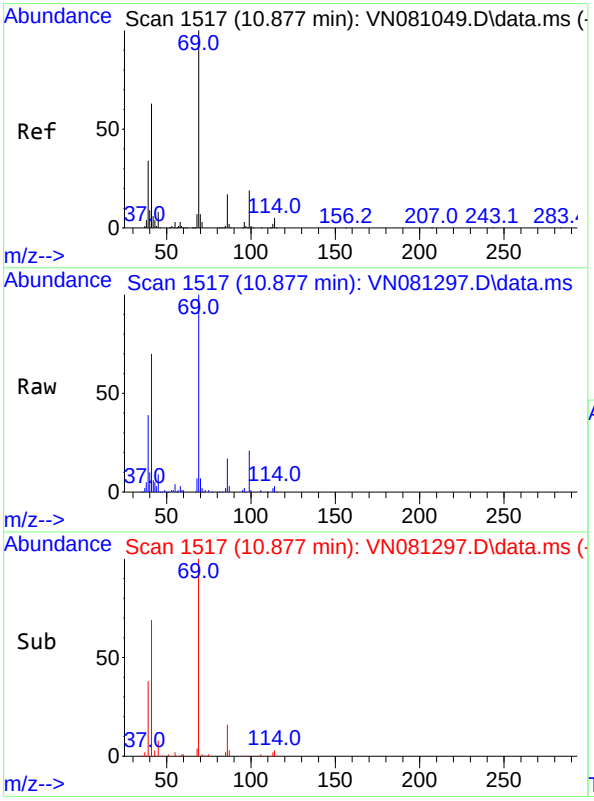
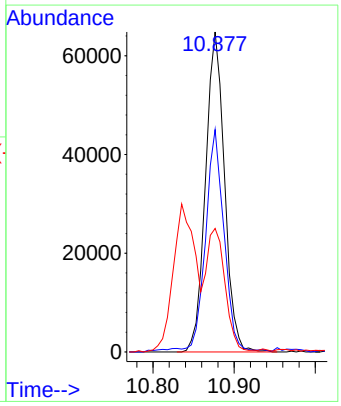
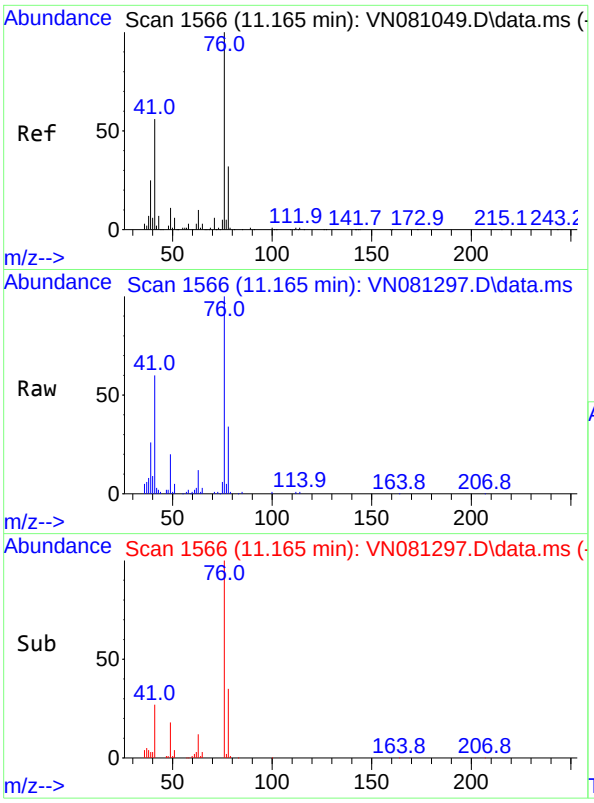


#56
Ethyl methacrylate
Concen: 23.898 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 69 Resp: 105048

Ion	Ratio	Lower	Upper
69	100		
41	69.1	61.0	91.6
39	37.4	31.8	47.6





#57
1,3-Dichloropropane
Concen: 25.689 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 76 Resp: 12775

Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.5	38.3

Instrument :
MSVOA_N
ClientSampleId :
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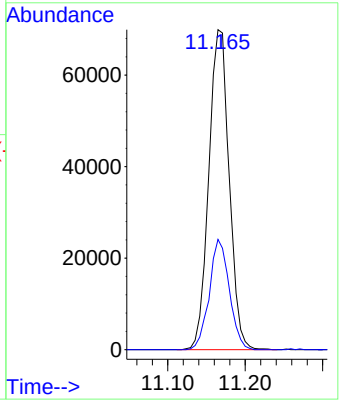
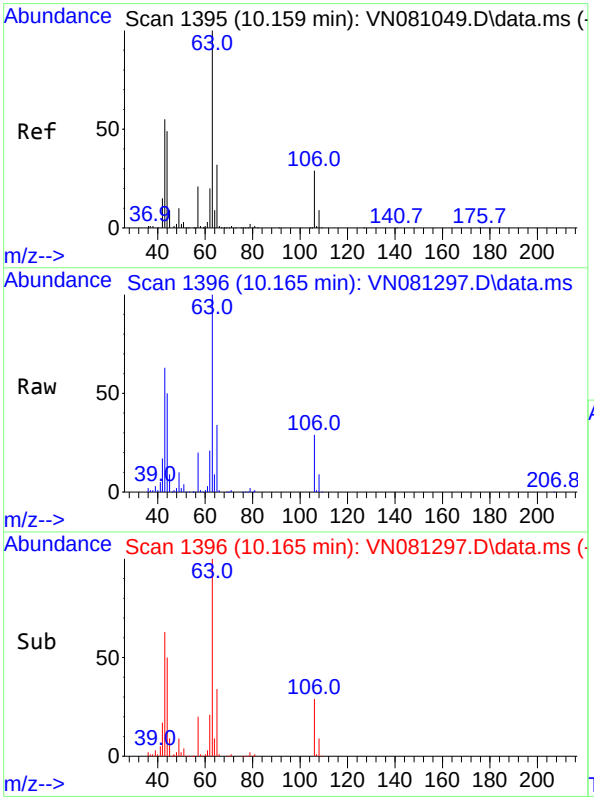
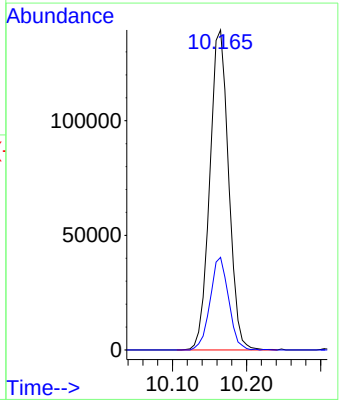


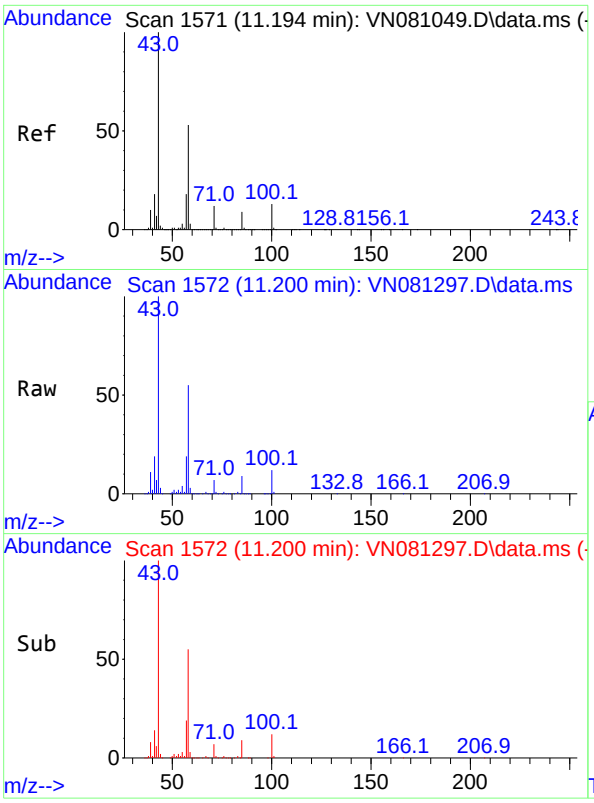


#58
2-Chloroethyl Vinyl ether
Concen: 111.664 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 63 Resp: 246278

Ion	Ratio	Lower	Upper
63	100		
106	28.5	18.6	28.0#





#59
2-Hexanone
Concen: 125.038 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 36732

Ion	Ratio	Lower	Upper
43	100		
58	54.8	25.9	77.8

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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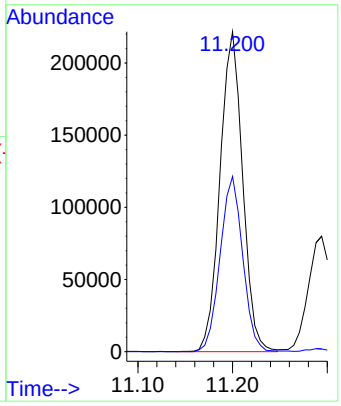
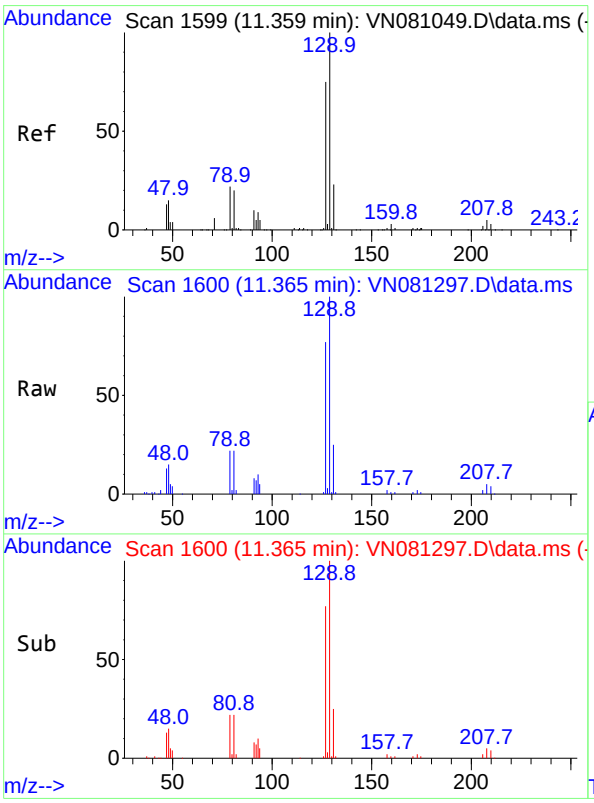
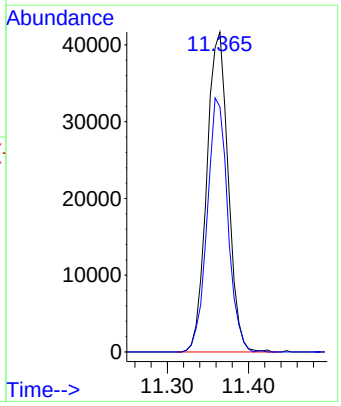


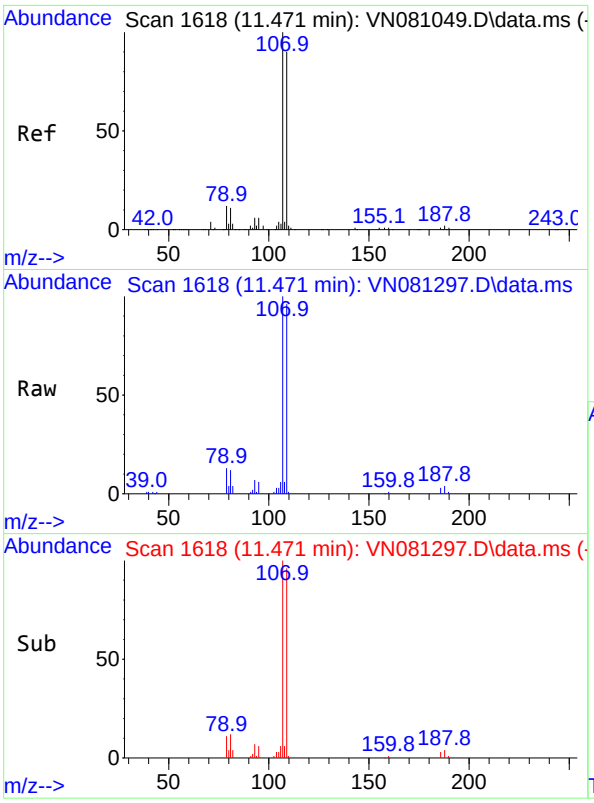


#60
Dibromochloromethane
Concen: 24.923 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:129 Resp: 76150

Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.4	118.2





#61
1,2-Dibromoethane
Concen: 24.233 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:107 Resp: 7329

Ion	Ratio	Lower	Upper
107	100		
109	95.9	73.4	110.2

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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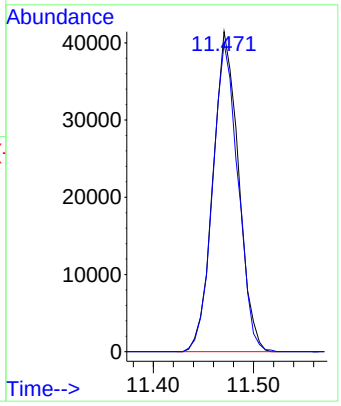
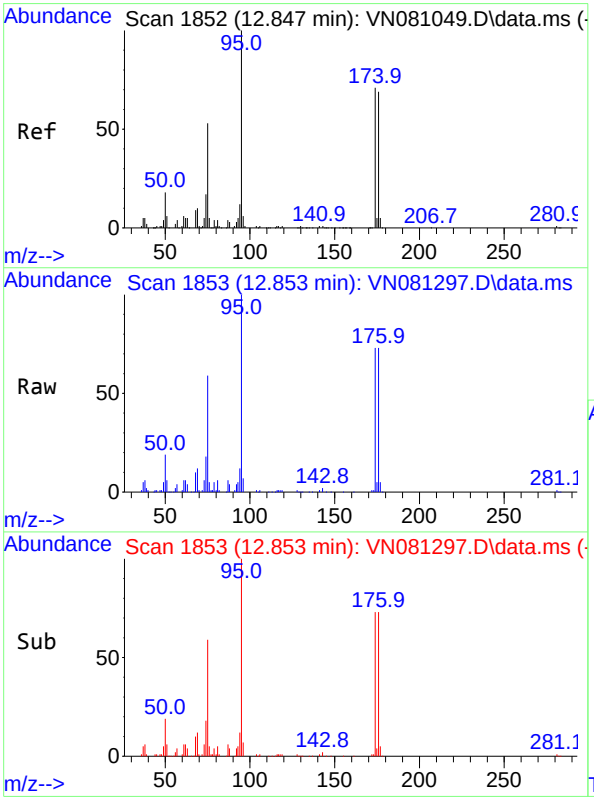
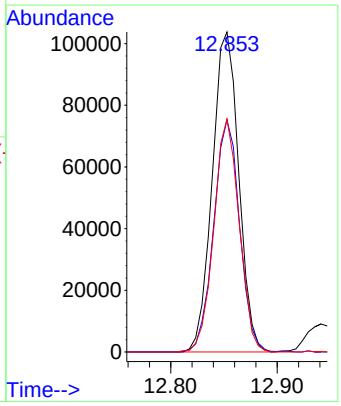


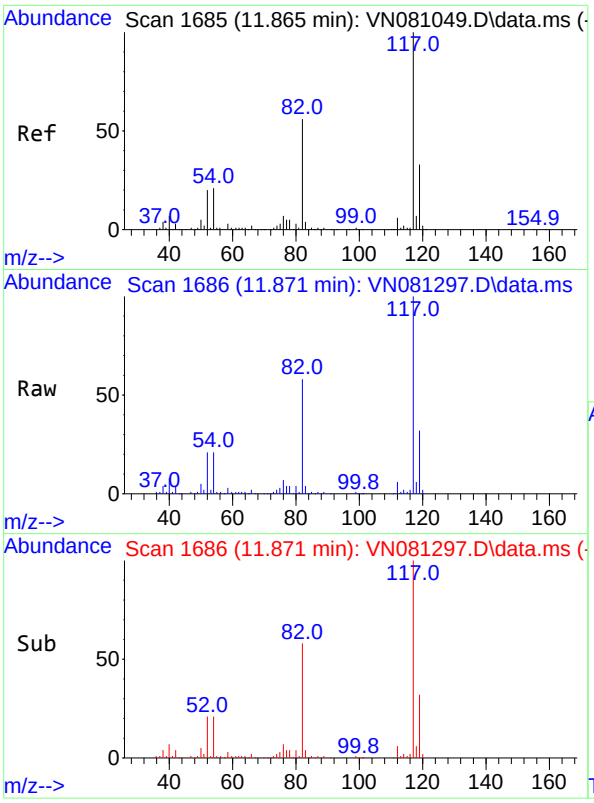


#62
4-Bromofluorobenzene
Concen: 56.203 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 95 Resp: 178667

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	120.4
176	69.6	0.0	121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:117 Resp: 37820

Ion	Ratio	Lower	Upper
117	100		
82	58.3	52.7	79.1
119	32.0	25.3	37.9

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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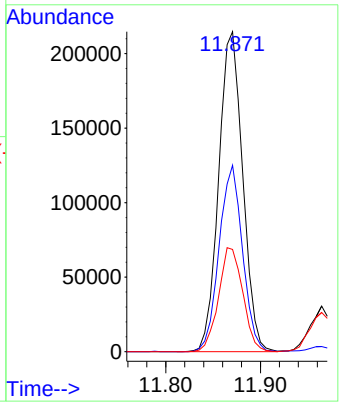
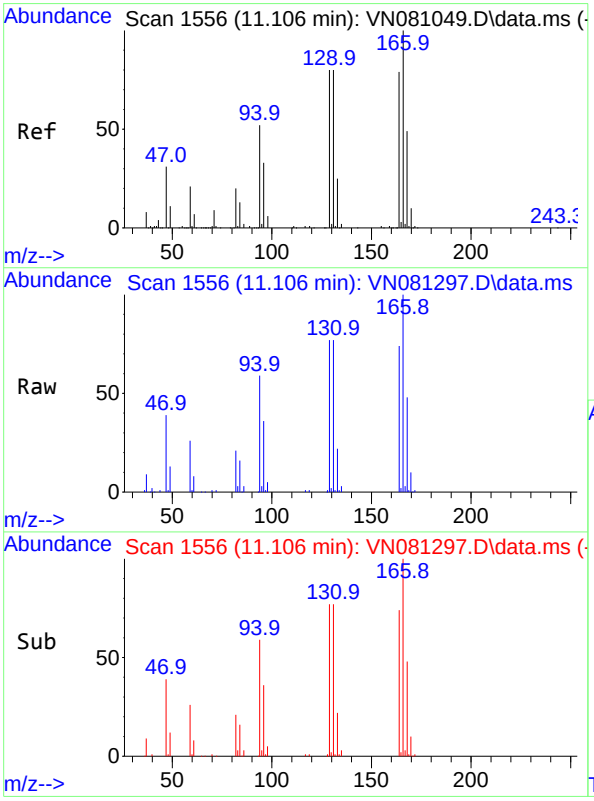
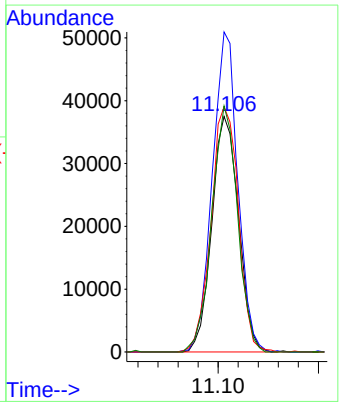


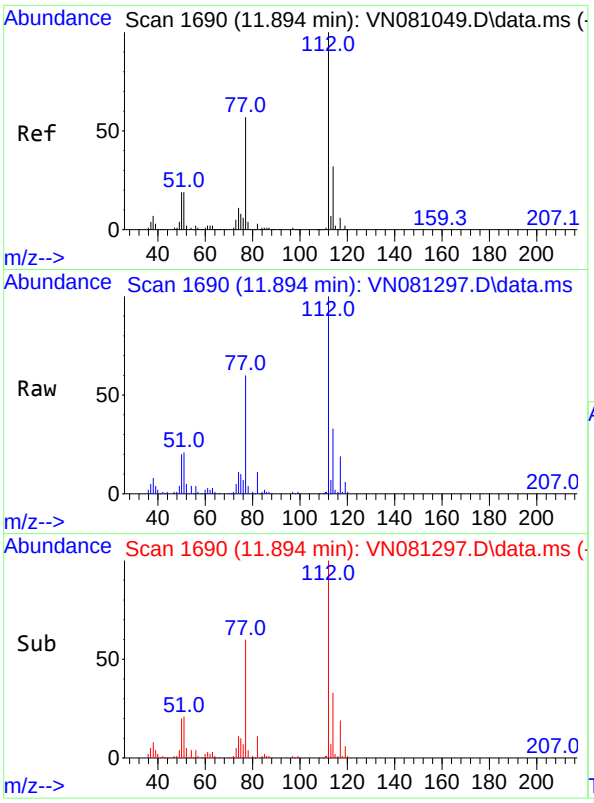


#64
Tetrachloroethene
Concen: 26.876 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:164 Resp: 69373

Ion	Ratio	Lower	Upper
164	100		
166	135.9	105.8	158.6
129	104.1	89.6	134.4
131	104.4	84.9	127.3

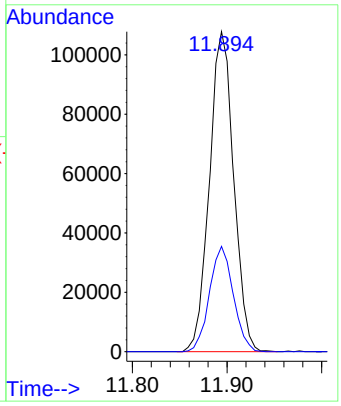




#65
Chlorobenzene
Concen: 23.465 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:112 Resp: 19206

Ion	Ratio	Lower	Upper
112	100		
114	32.9	23.7	35.5



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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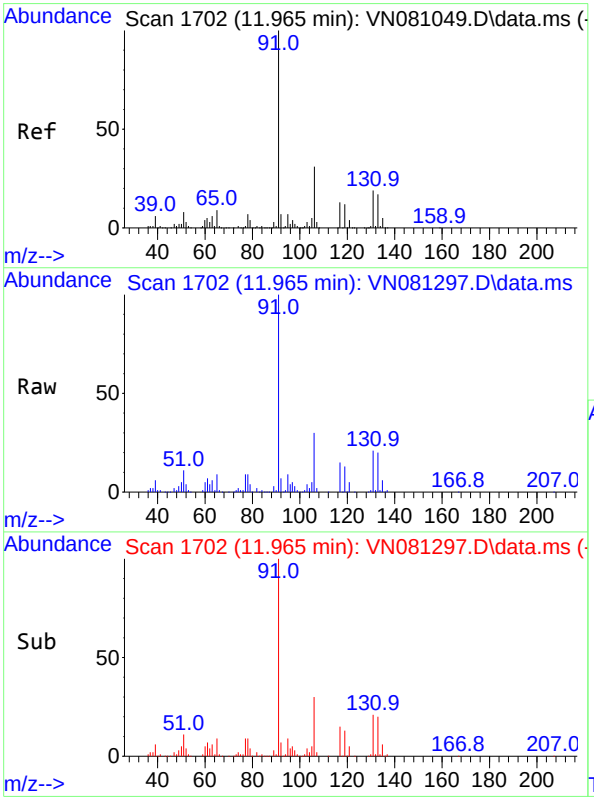
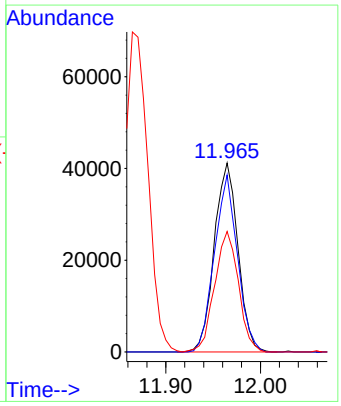
Supervised By :Mahesh Dadoda 03/05/2024

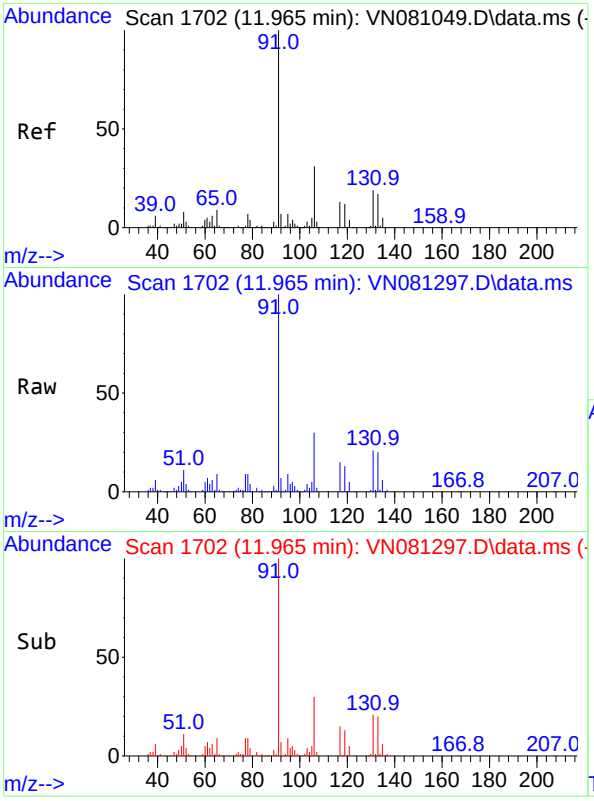


#66
1,1,1,2-Tetrachloroethane
Concen: 24.378 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:131 Resp: 71673

Ion	Ratio	Lower	Upper
131	100		
133	91.3	46.8	140.3
119	64.3	34.6	103.9





#67
Ethyl Benzene
Concen: 23.067 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 91 Resp: 33786

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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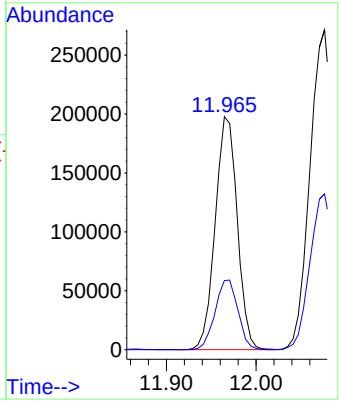
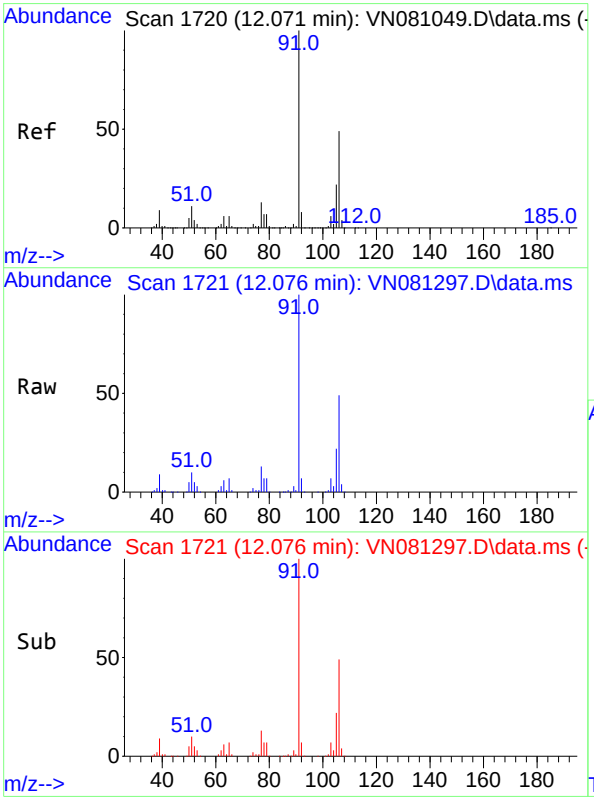
Supervised By :Mahesh Dadoda 03/05/2024

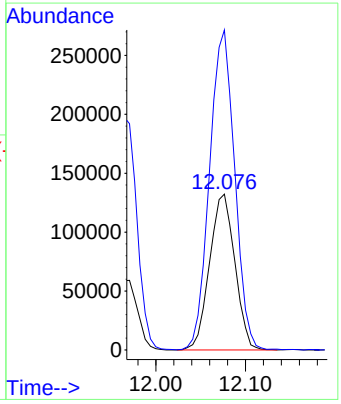


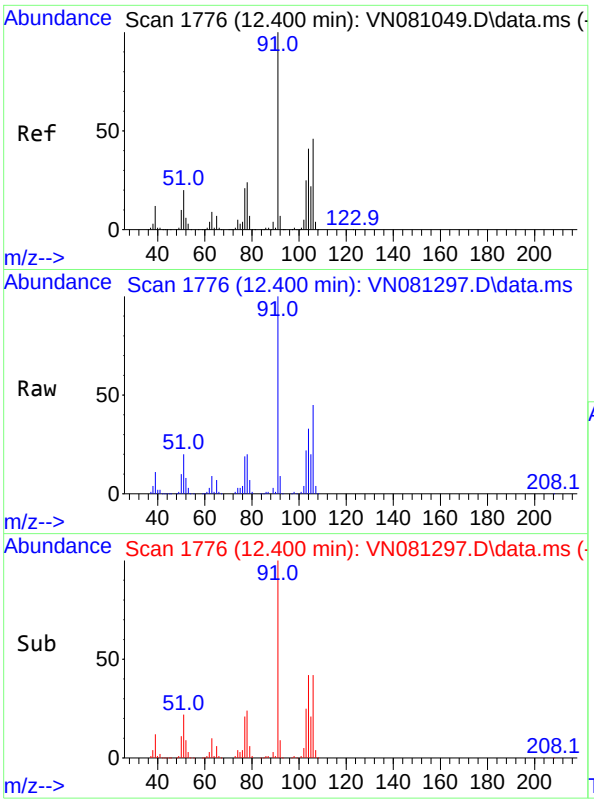


#68
m/p-Xylenes
Concen: 46.094 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:106 Resp: 258785

Ion	Ratio	Lower	Upper
106	100		
91	204.6	169.0	253.6





#69
o-Xylene
Concen: 21.740 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:106 Resp: 12098

Ion	Ratio	Lower	Upper
106	100		
91	225.3	112.1	336.3

Instrument :
MSVOA_N
ClientSampleId :
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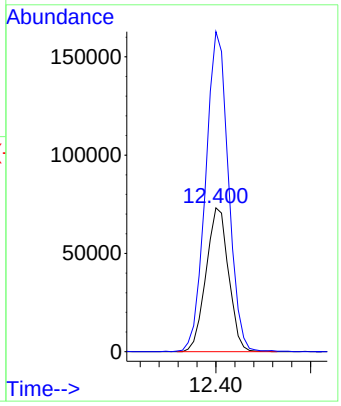
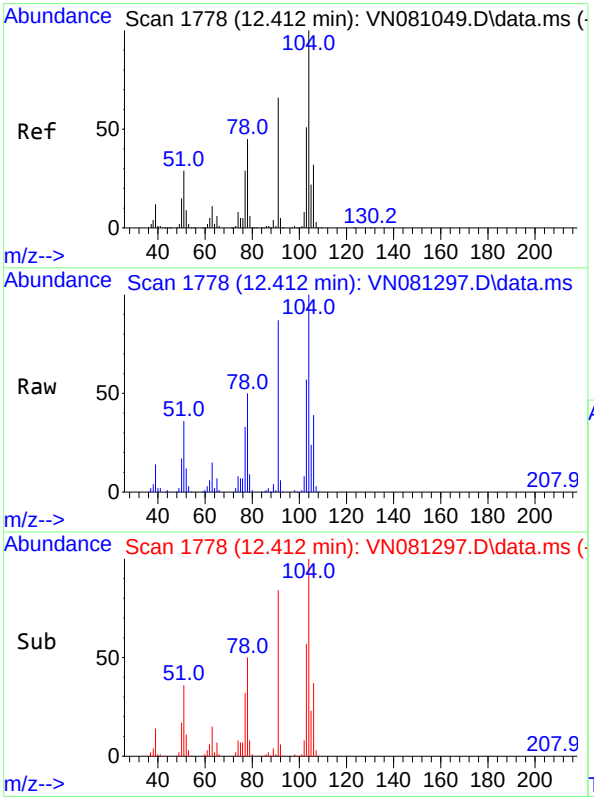
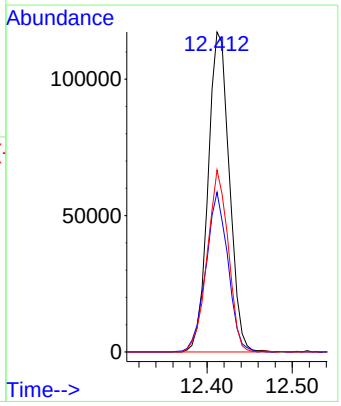


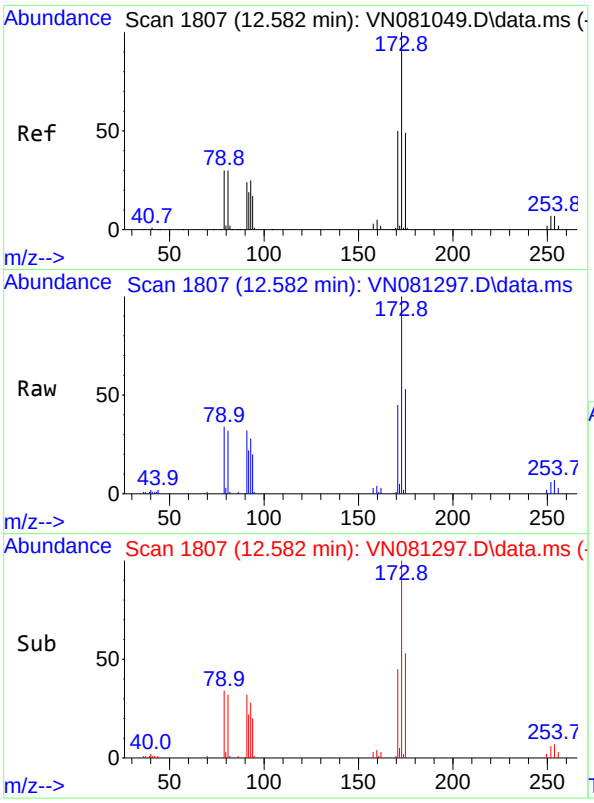


#70
Styrene
Concen: 23.006 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:104 Resp: 202883

Ion	Ratio	Lower	Upper
104	100		
78	51.8	43.8	65.8
103	56.4	44.2	66.2





#71
Bromoform
Concen: 25.930 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:173 Resp: 4836

Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.1	69.2
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
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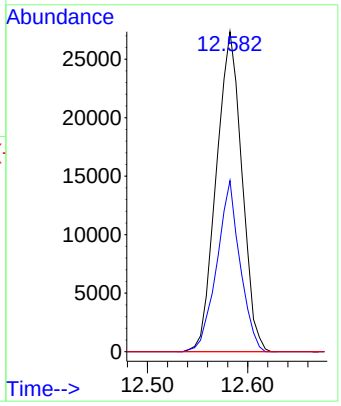
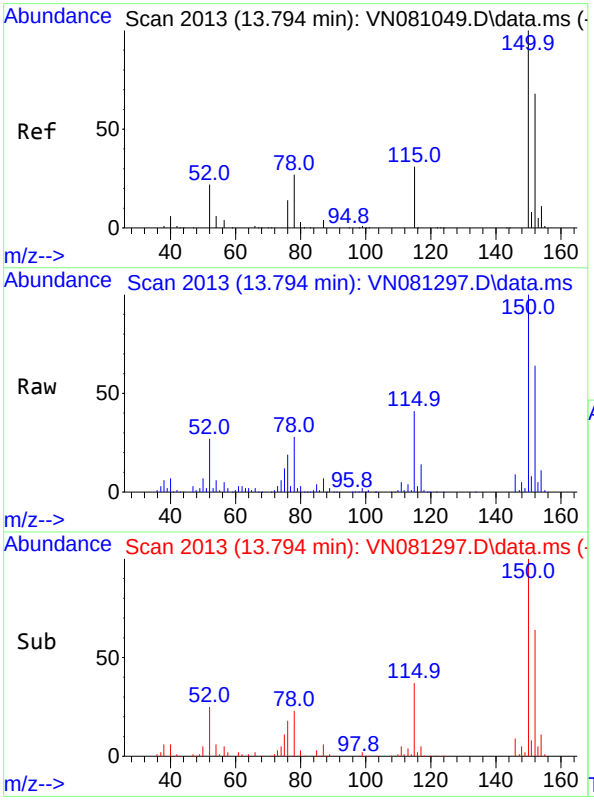
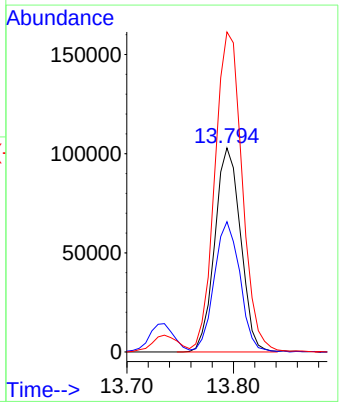


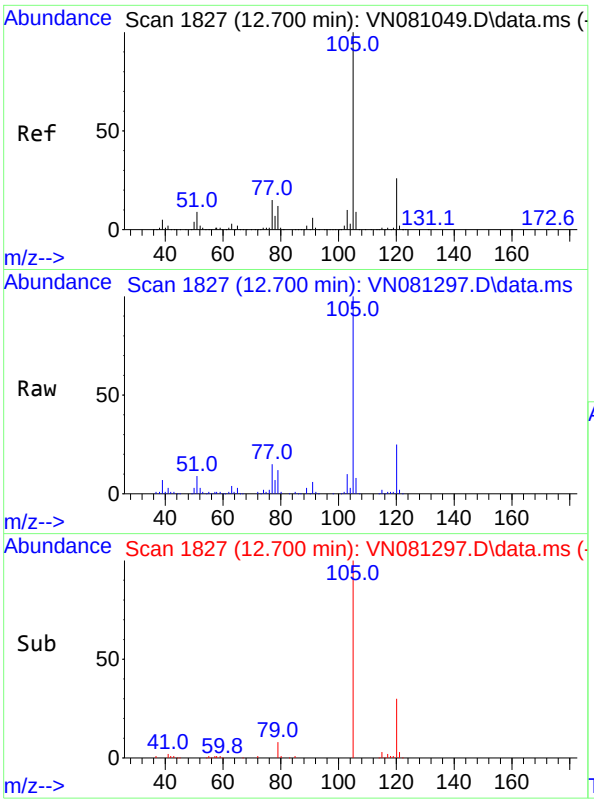


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:152 Resp: 173244

Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.3	96.8
150	166.5	0.0	339.8

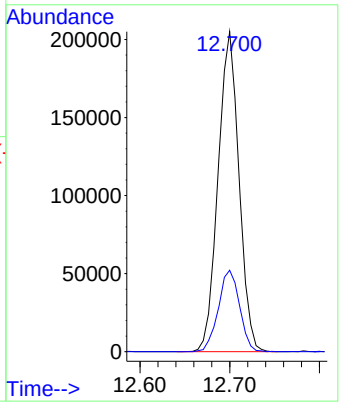




#73
Isopropylbenzene
Concen: 21.853 ug/l
RT: 12.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:105 Resp: 33123

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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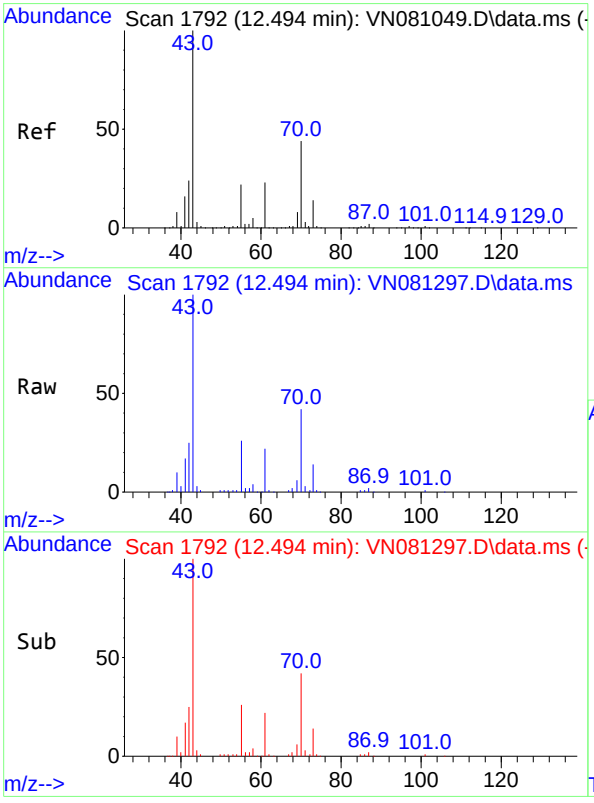
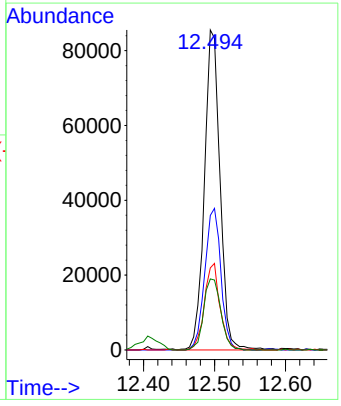
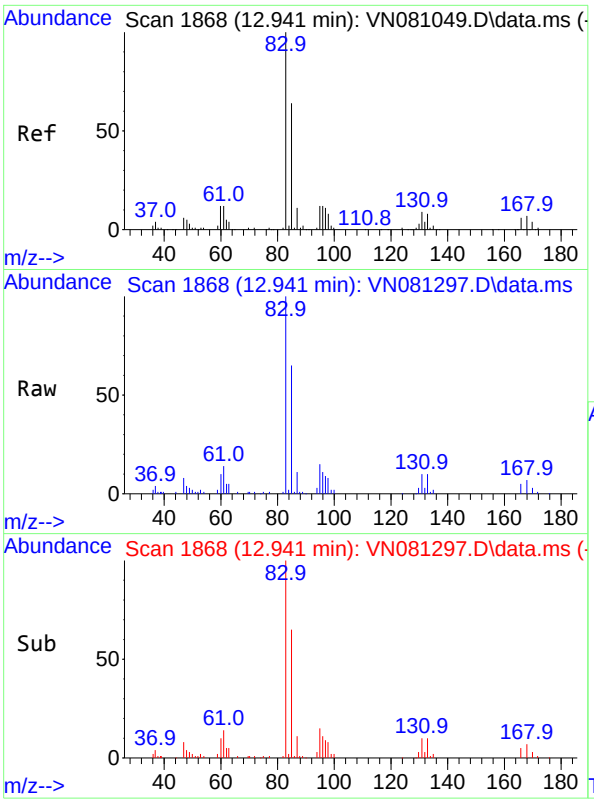


#74
N-amyl acetate
Concen: 20.496 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 43 Resp: 131299

Ion	Ratio	Lower	Upper
43	100		
70	45.6	30.1	45.1#
55	27.3	17.0	25.4#
61	24.4	17.5	26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 23.800 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 83 Resp: 10144

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.1	12.3
85	66.2	32.1	96.3

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

Manual Integrations
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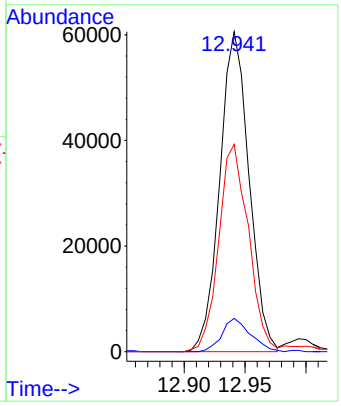
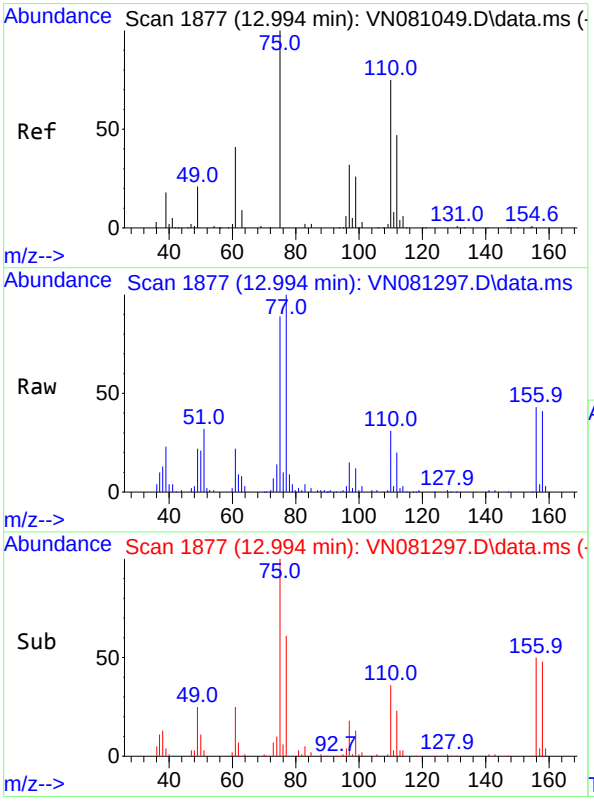
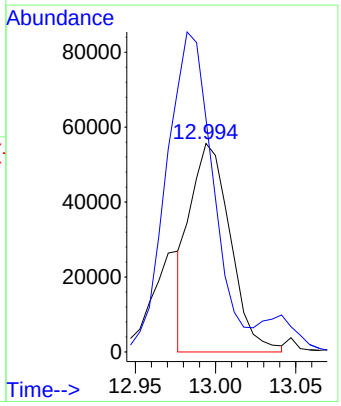


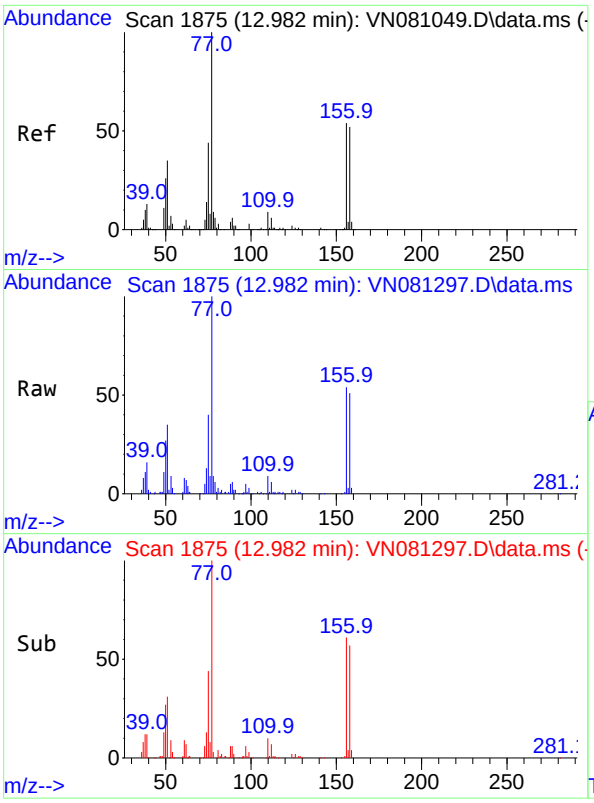


#76
1,2,3-Trichloropropane
Concen: 24.652 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 75 Resp: 97034

Ion	Ratio	Lower	Upper
75	100		
77	178.3	91.0	272.8

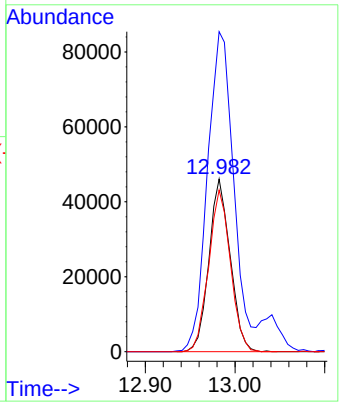




#77
Bromobenzene
Concen: 22.451 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:156 Resp: 7587

Ion	Ratio	Lower	Upper
156	100		
77	228.0	138.1	414.3
158	95.8	46.5	139.5



Instrument :
MSVOA_N
ClientSampleId :
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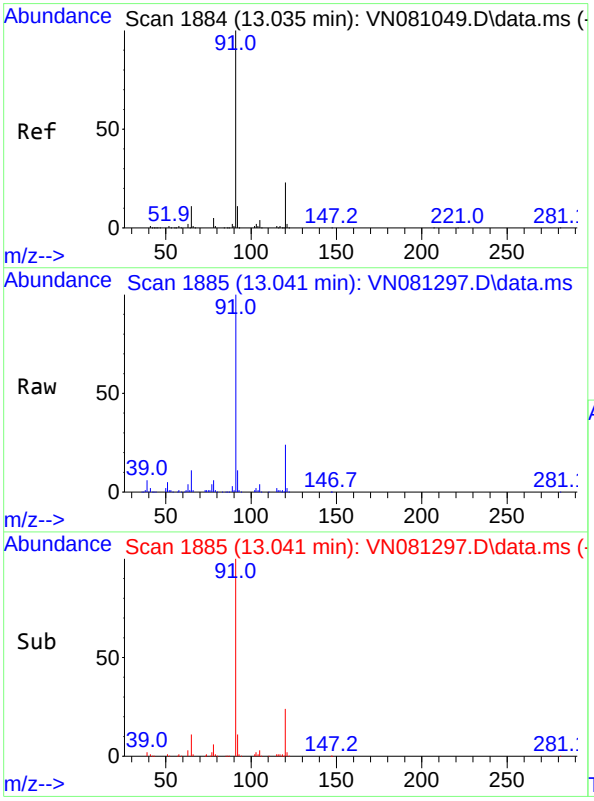
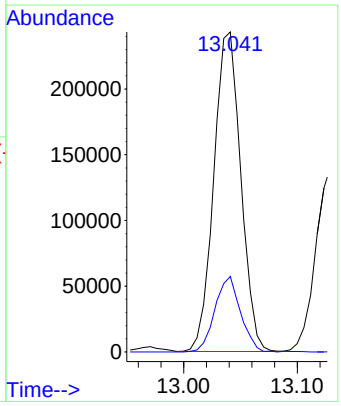
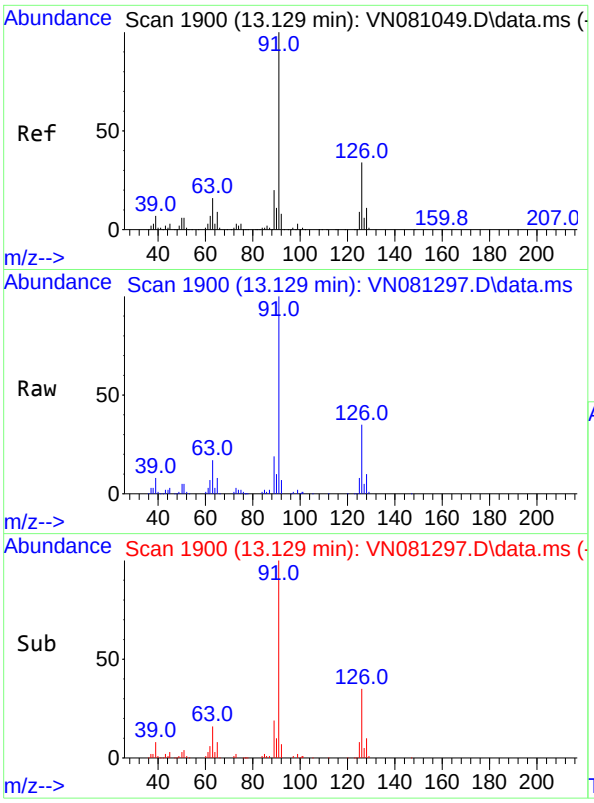


#78
n-propylbenzene
Concen: 22.967 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 91 Resp: 400766

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.3	30.9

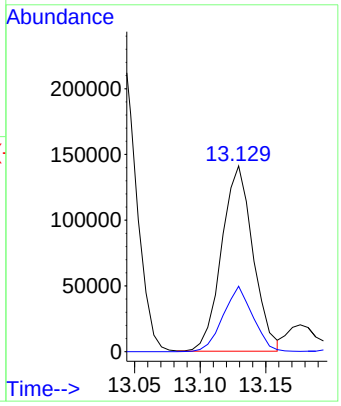




#79
2-Chlorotoluene
Concen: 21.936 ug/l
RT: 13.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 91 Resp: 23477

Ion	Ratio	Lower	Upper
91	100		
126	33.5	14.8	44.4



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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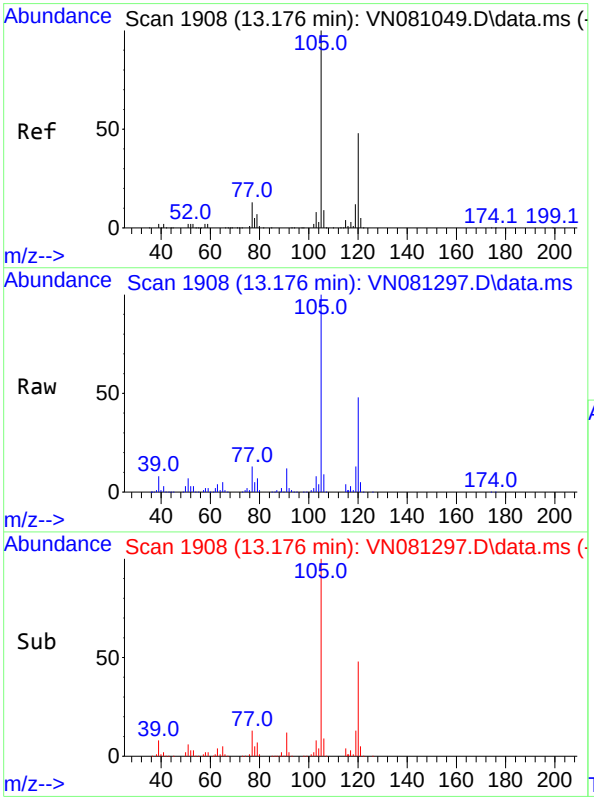
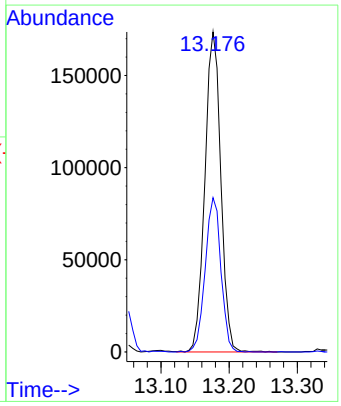
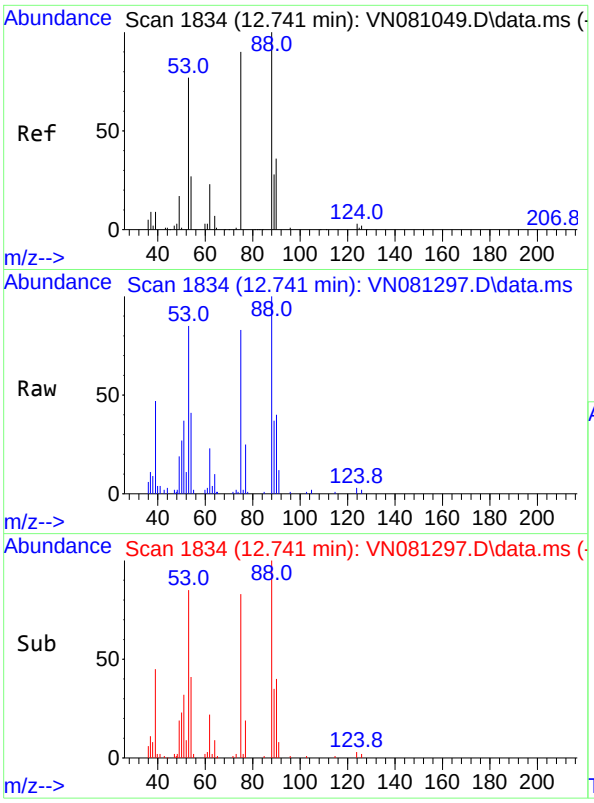


#80
1,3,5-Trimethylbenzene
Concen: 22.986 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:105 Resp: 282489

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.0	69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.166 ug/l m
RT: 12.741 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 75 Resp: 3236

Ion	Ratio	Lower	Upper
75	100		
53	122.5	71.4	107.2
89	45.0	33.4	50.0

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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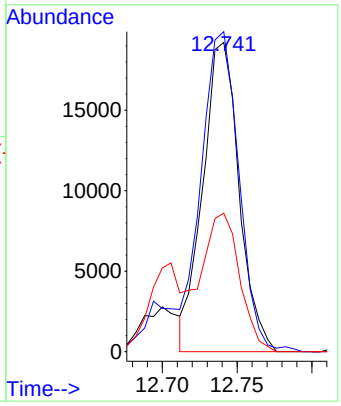
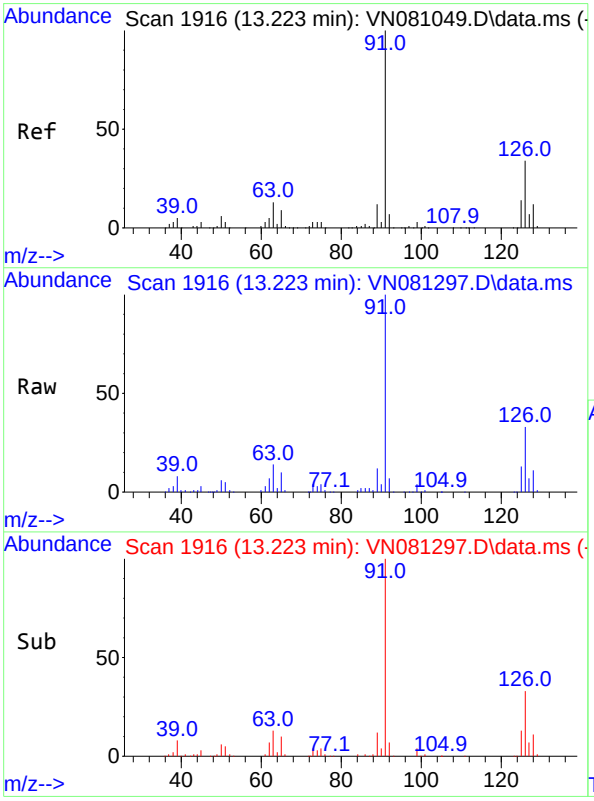
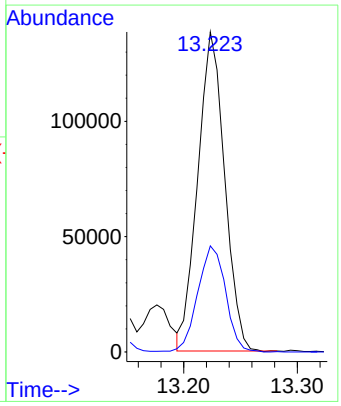


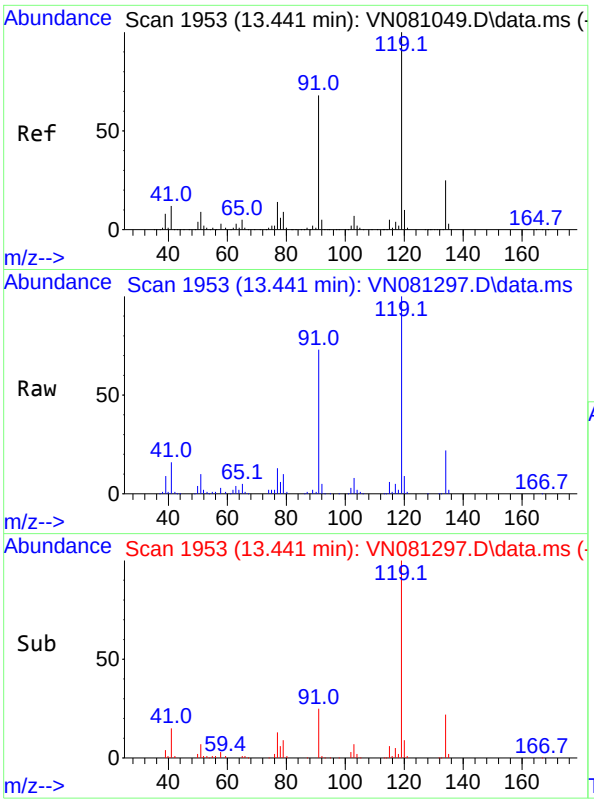


#82
4-Chlorotoluene
Concen: 21.701 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 91 Resp: 227106

Ion	Ratio	Lower	Upper
91	100		
126	34.4	15.3	45.9

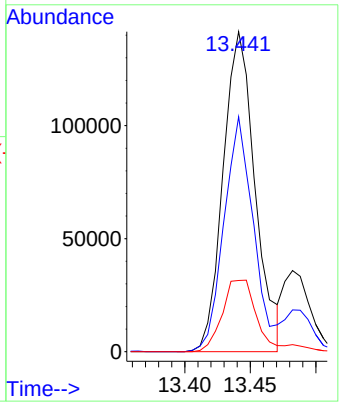




#83
tert-Butylbenzene
Concen: 22.624 ug/l
RT: 13.441 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:119 Resp: 24042

Ion	Ratio	Lower	Upper
119	100		
91	67.9	36.8	110.4
134	25.1	12.4	37.4



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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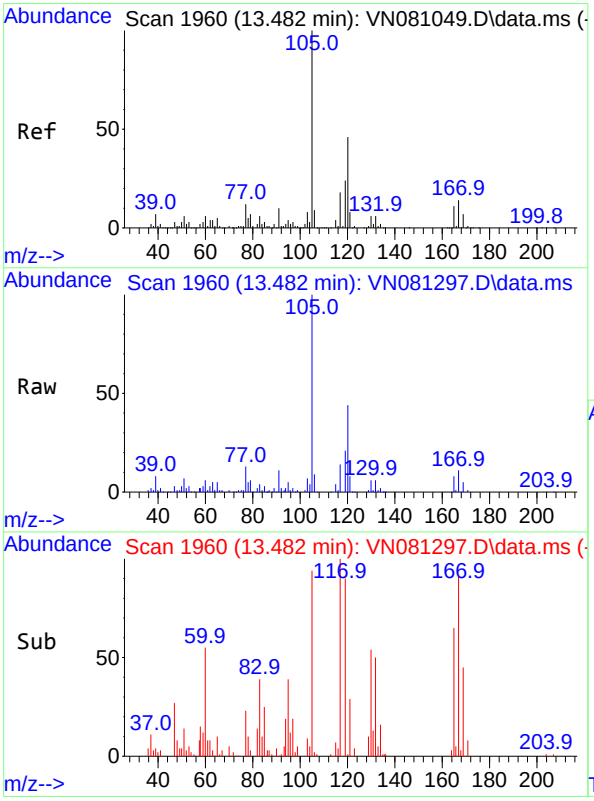
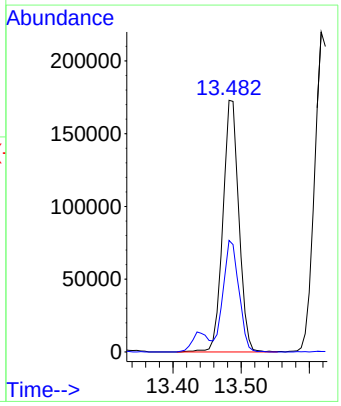
Supervised By :Mahesh Dadoda 03/05/2024

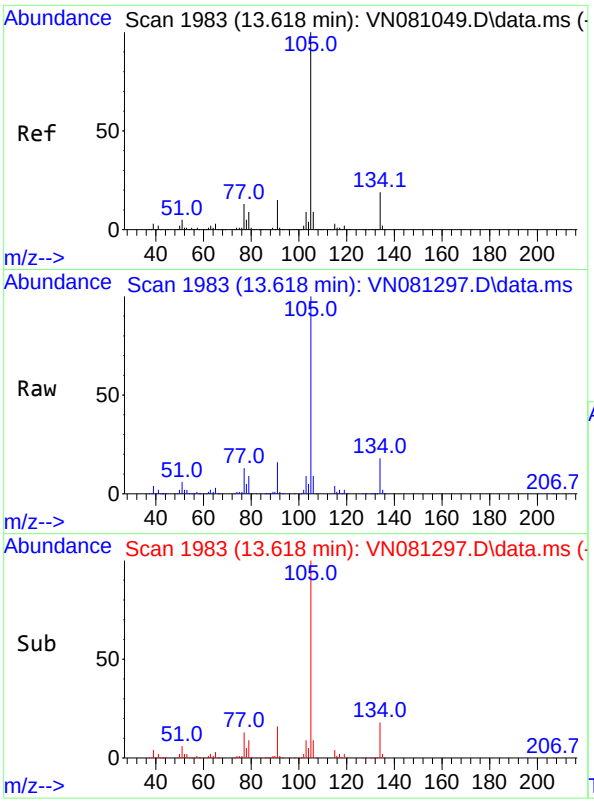


#84
1,2,4-Trimethylbenzene
Concen: 23.066 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:105 Resp: 282484

Ion	Ratio	Lower	Upper
105	100		
120	43.6	20.9	62.7

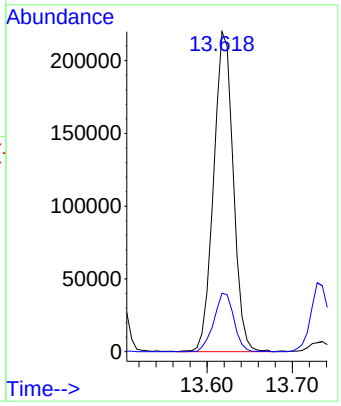




#85
sec-Butylbenzene
Concen: 23.838 ug/l
RT: 13.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:105 Resp: 35216

Ion	Ratio	Lower	Upper
105	100		
134	18.7	8.6	25.8



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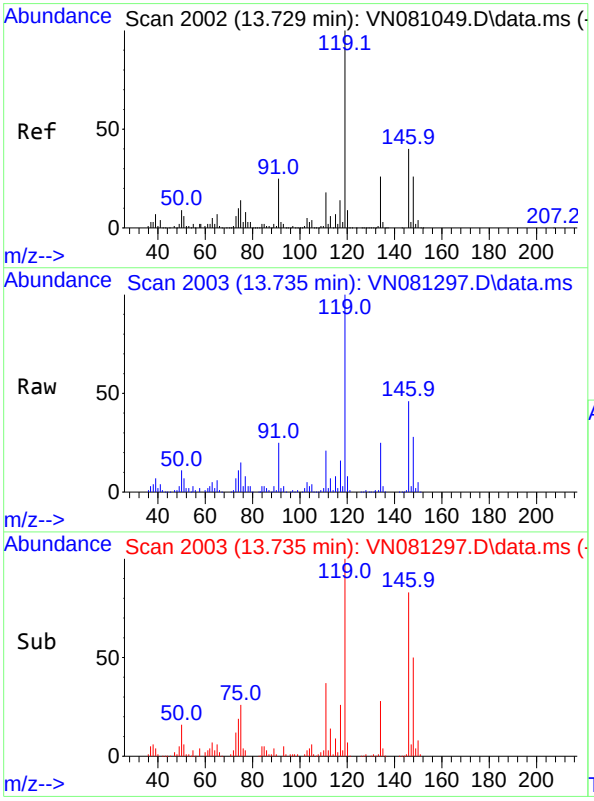
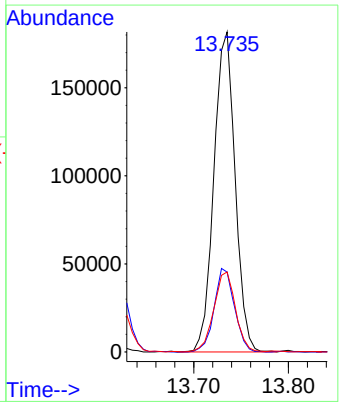
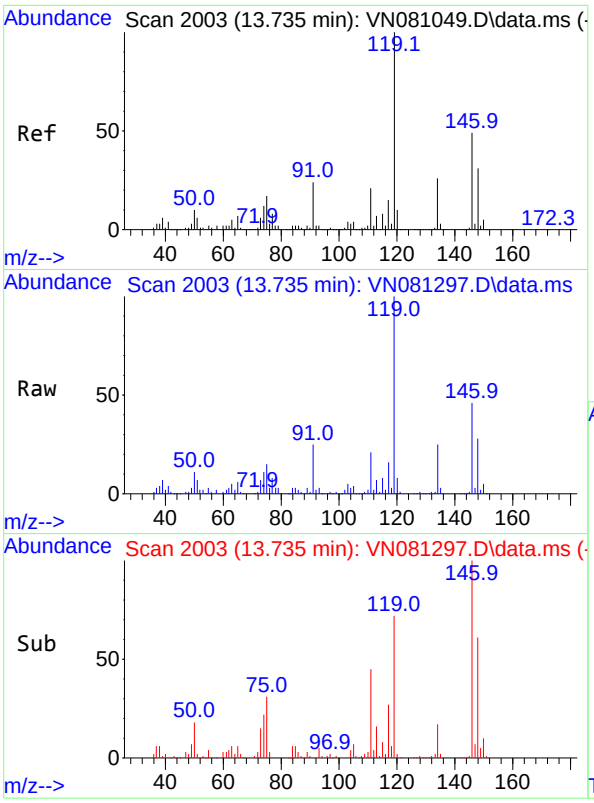


#86
p-Isopropyltoluene
Concen: 23.042 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:119 Resp: 282751

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.4	37.2
91	25.6	13.5	40.4





#87
1,3-Dichlorobenzene
Concen: 22.651 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:146 Resp: 14464

Ion	Ratio	Lower	Upper
146	100		
111	42.6	23.9	71.7
148	62.1	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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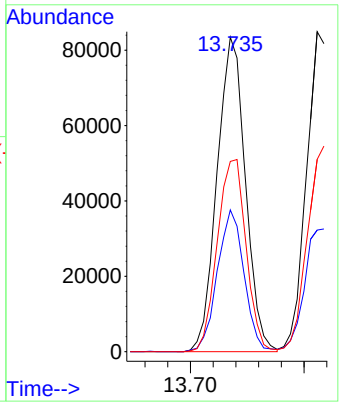
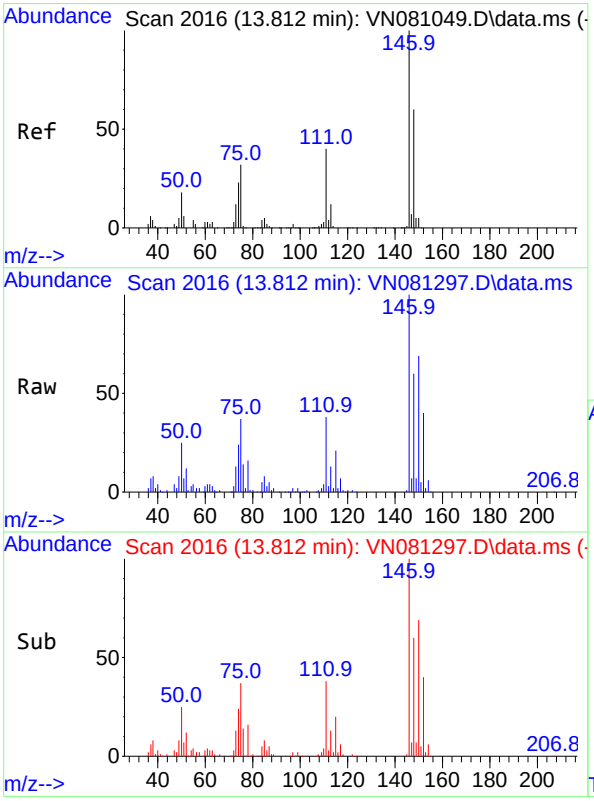
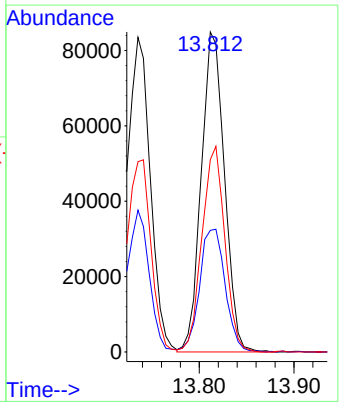


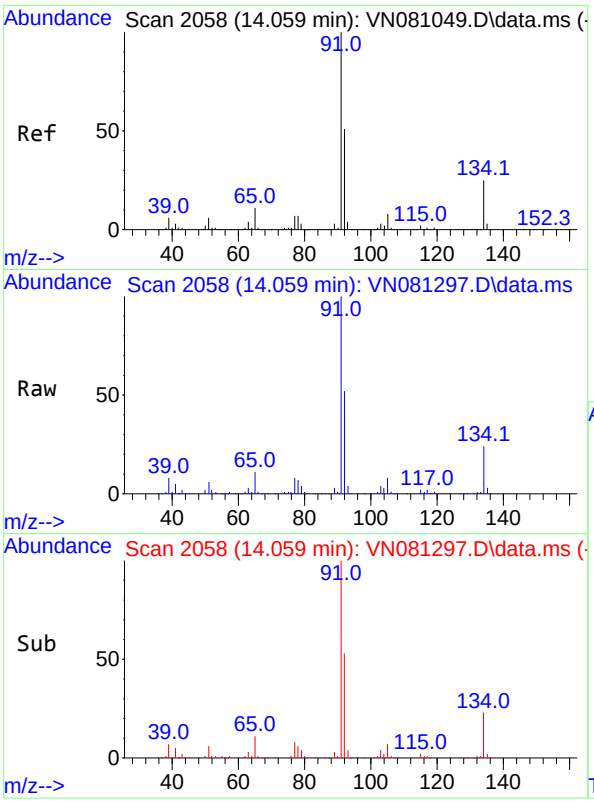


#88
1,4-Dichlorobenzene
Concen: 23.017 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:146 Resp: 144425

Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.6	67.7
148	63.4	31.9	95.5

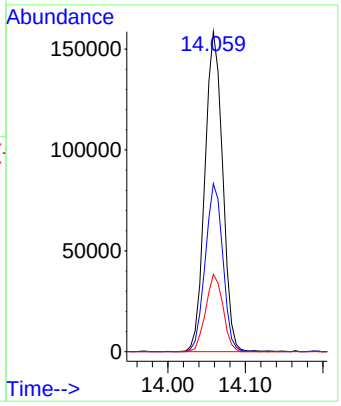




#89
n-Butylbenzene
Concen: 23.635 ug/l
RT: 14.059 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 91 Resp: 25267

Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.7	80.1
134	23.5	10.8	32.4



Instrument :
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ClientSampleId :
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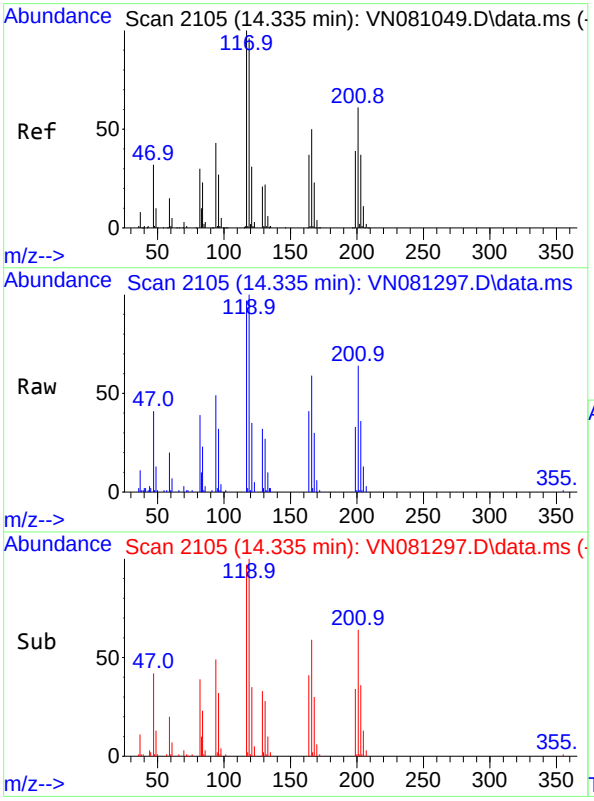
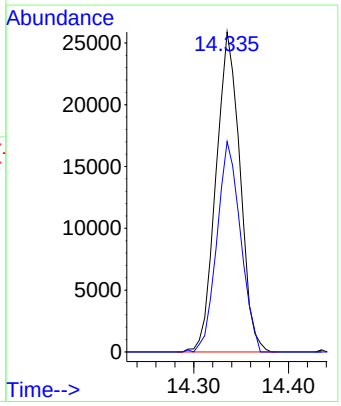
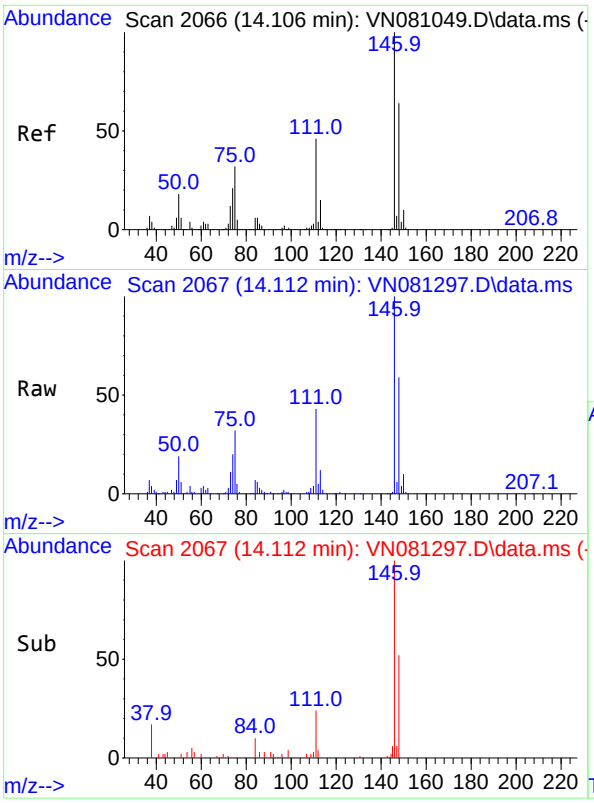


#90
Hexachloroethane
Concen: 22.471 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:117 Resp: 45578

Ion	Ratio	Lower	Upper
117	100		
201	65.0	30.0	90.0

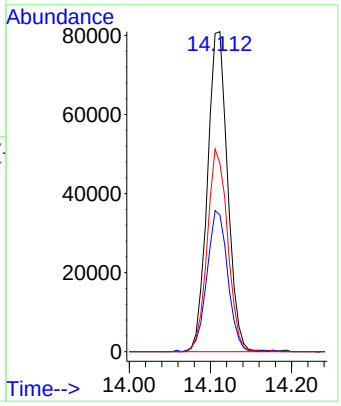




#91
1,2-Dichlorobenzene
Concen: 22.679 ug/l
RT: 14.112 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:146 Resp: 13968

Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.9	71.8
148	63.9	31.4	94.0



Instrument :
MSVOA_N
ClientSampleId :
VN0304WBS02

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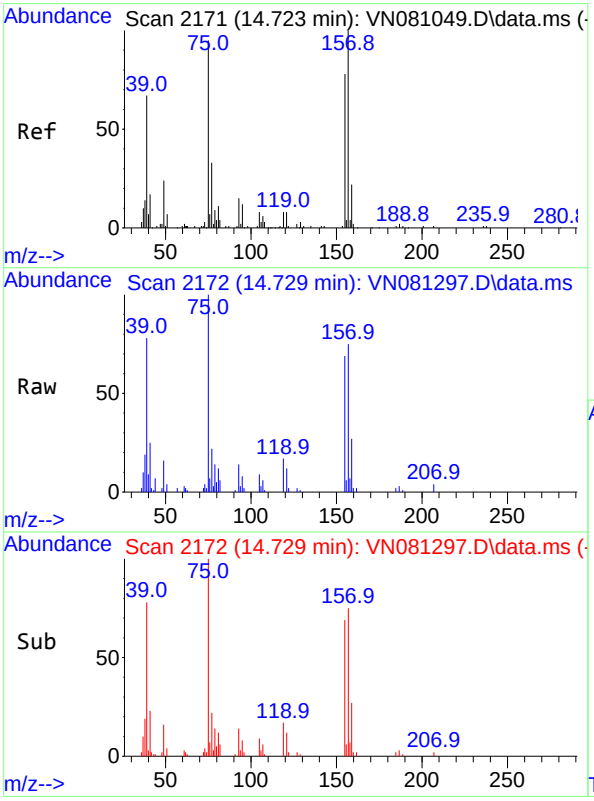
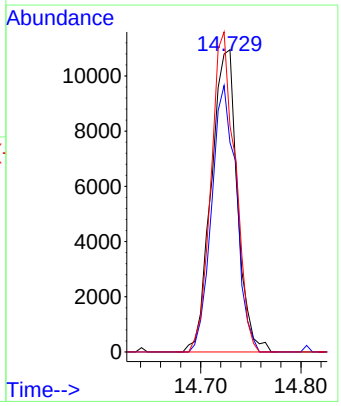
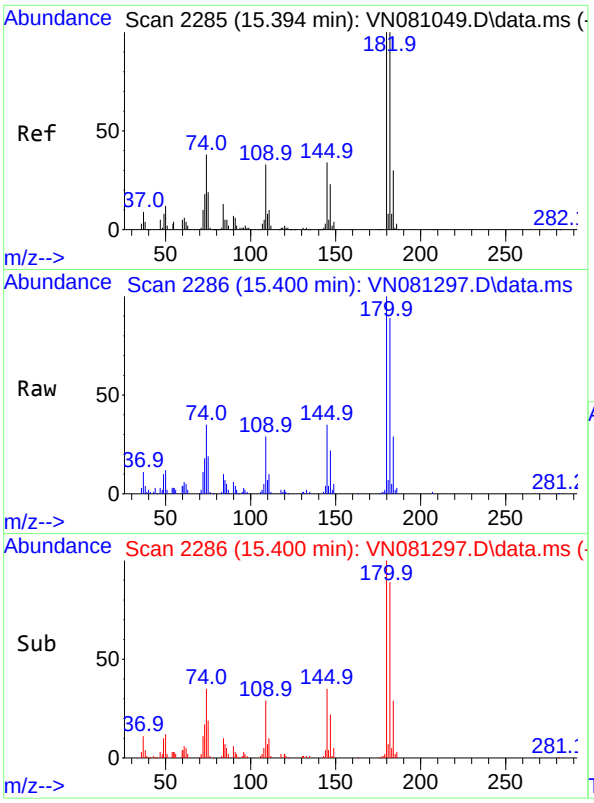


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.313 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion: 75 Resp: 19773

Ion	Ratio	Lower	Upper
75	100		
155	83.3	31.8	95.4
157	98.1	41.1	123.4

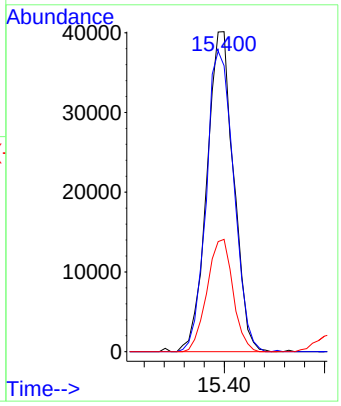




#93
1,2,4-Trichlorobenzene
Concen: 21.664 ug/l
RT: 15.400 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:180 Resp: 7444

Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.6	139.7
145	33.9	16.8	50.3



Instrument :
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ClientSampleId :
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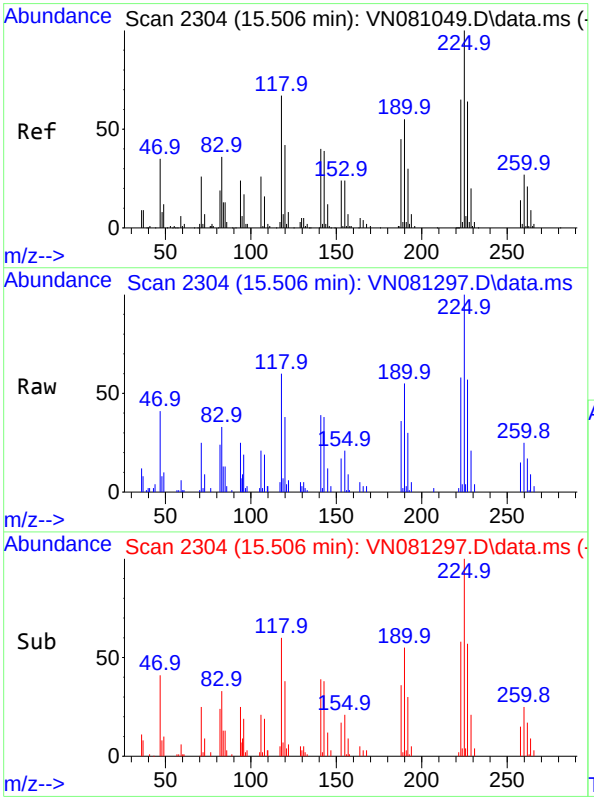
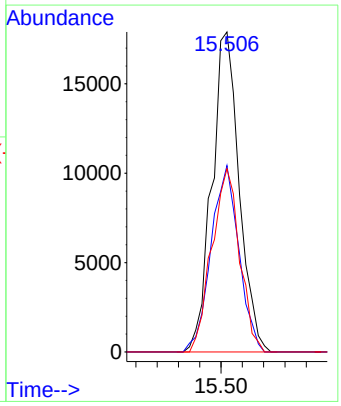
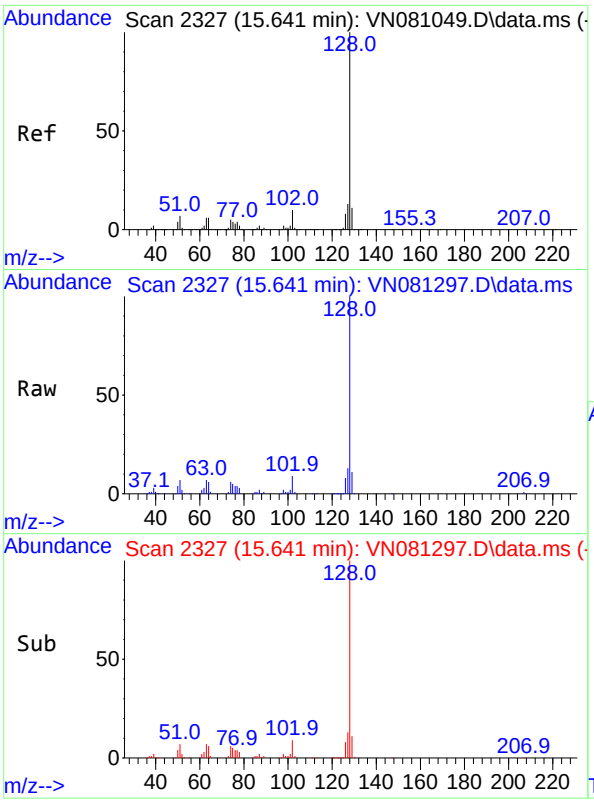


#94
Hexachlorobutadiene
Concen: 24.846 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:225 Resp: 31840

Ion	Ratio	Lower	Upper
225	100		
223	59.3	33.3	99.8
227	58.4	33.1	99.2

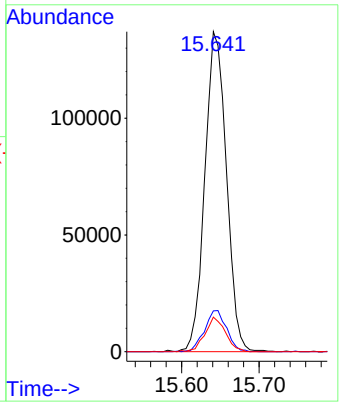




#95
Naphthalene
Concen: 21.069 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:128 Resp: 26529

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	10.2	8.7	13.1



Instrument :
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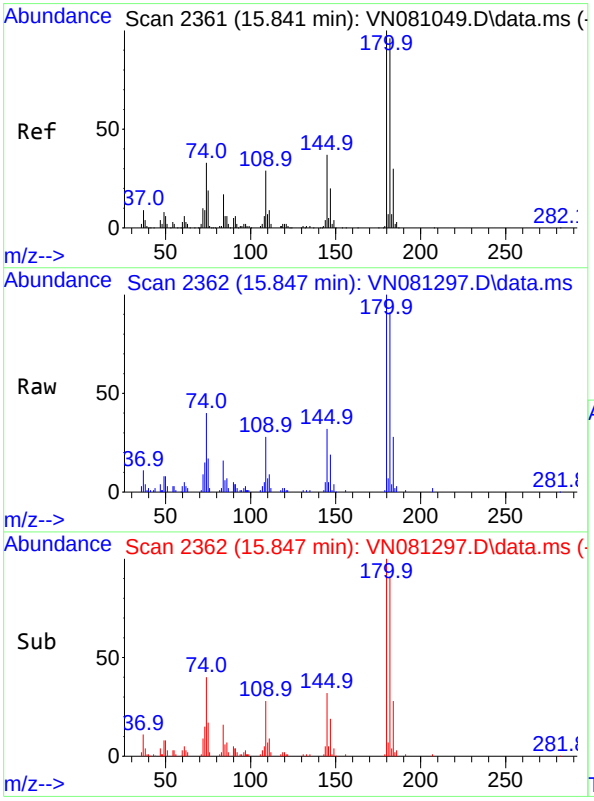
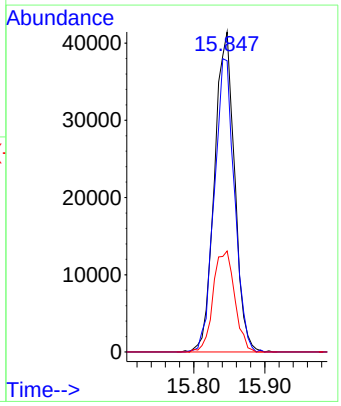


#96
1,2,3-Trichlorobenzene
Concen: 23.796 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081297.D
Acq: 04 Mar 2024 12:45

Tgt Ion:180 Resp: 81115

Ion	Ratio	Lower	Upper
180	100		
182	91.8	46.5	139.3
145	33.8	17.8	53.4