Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085615.D
Acq On : 31 Jan 2025 20:29
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 31 22:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	178096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158849	55.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.500%			
35) Dibromofluoromethane	8.165	113	116490	54.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	10.565	98	416612	54.383	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.760%			
62) 4-Bromofluorobenzene	12.847	95	147397	56.247	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	102542	42.525	ug/l	95
3) Chloromethane	2.359	50	111644	42.761	ug/l	96
4) Vinyl Chloride	2.512	62	119298	45.459	ug/l	95
5) Bromomethane	2.942	94	72063	45.461	ug/l	96
6) Chloroethane	3.112	64	86676	52.096	ug/l	96
7) Trichlorofluoromethane	3.495	101	204839	53.795	ug/l	98
8) Diethyl Ether	3.959	74	65653	49.910	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	106230	49.532	ug/l	99
10) Methyl Iodide	4.589	142	129075	52.554	ug/l	99
11) Tert butyl alcohol	5.524	59	106187	322.573	ug/l	99
12) 1,1-Dichloroethene	4.342	96	96807	50.648	ug/l	96
13) Acrolein	4.177	56	132444	294.732	ug/l	98
14) Allyl chloride	5.024	41	152196	49.071	ug/l	98
15) Acrylonitrile	5.718	53	322496	308.429	ug/l	100
16) Acetone	4.424	43	283228	304.912	ug/l	99
17) Carbon Disulfide	4.706	76	231962	39.415	ug/l	99
18) Methyl Acetate	5.024	43	188868	66.866	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	365318	58.861	ug/l	98
20) Methylene Chloride	5.277	84	119509	51.971	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	103491	50.664	ug/l	97
22) Diisopropyl ether	6.671	45	396871	57.650	ug/l	98
23) Vinyl Acetate	6.600	43	1437042	298.283	ug/l	99
24) 1,1-Dichloroethane	6.571	63	225378	53.692	ug/l	99
25) 2-Butanone	7.483	43	431947	315.996	ug/l	99
26) 2,2-Dichloropropane	7.488	77	161007	47.442	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128871	53.563	ug/l	99
28) Bromochloromethane	7.812	49	98668	50.524	ug/l	99
29) Tetrahydrofuran	7.835	42	286418	330.491	ug/l	100
30) Chloroform	7.965	83	236888	54.603	ug/l	99
31) Cyclohexane	8.259	56	160191	43.906	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	206511	54.266	ug/l	98
36) 1,1-Dichloropropene	8.371	75	148034	48.920	ug/l	99
37) Ethyl Acetate	7.559	43	177968	58.266	ug/l	98
38) Carbon Tetrachloride	8.359	117	181328	52.341	ug/l	100
39) Methylcyclohexane	9.600	83	134210	47.197	ug/l	99
40) Benzene	8.606	78	475849	52.335	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 31 22:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.777	41	92683	58.325	ug/l		96
42)	1,2-Dichloroethane	8.671	62	182981	53.434	ug/l		99
43)	Isopropyl Acetate	8.688	43	368756m	75.346	ug/l		
44)	Trichloroethene	9.347	130	103855	49.070	ug/l		97
45)	1,2-Dichloropropane	9.618	63	125774	54.156	ug/l		98
46)	Dibromomethane	9.706	93	89145	53.196	ug/l		98
47)	Bromodichloromethane	9.888	83	193257	56.606	ug/l		100
48)	Methyl methacrylate	9.676	41	137864	62.594	ug/l		98
49)	1,4-Dioxane	9.688	88	45361	1223.010	ug/l		99
51)	4-Methyl-2-Pentanone	10.441	43	938393	330.417	ug/l		99
52)	Toluene	10.629	92	290451	55.132	ug/l		100
53)	t-1,3-Dichloropropene	10.835	75	177819	55.114	ug/l		97
54)	cis-1,3-Dichloropropene	10.312	75	186200	54.029	ug/l		100
55)	1,1,2-Trichloroethane	11.012	97	117478	56.347	ug/l		97
56)	Ethyl methacrylate	10.871	69	188384	53.497	ug/l		99
57)	1,3-Dichloropropane	11.159	76	203880	56.239	ug/l		98
58)	2-Chloroethyl Vinyl ether	10.159	63	354786	268.153	ug/l		100
59)	2-Hexanone	11.194	43	690267	345.422	ug/l		99
60)	Dibromochloromethane	11.359	129	141958	56.398	ug/l		99
61)	1,2-Dibromoethane	11.470	107	115524	55.665	ug/l		99
64)	Tetrachloroethene	11.100	164	87849	47.100	ug/l		96
65)	Chlorobenzene	11.888	112	317949	53.050	ug/l		100
66)	1,1,1,2-Tetrachloroethane	11.959	131	120637	54.843	ug/l		98
67)	Ethyl Benzene	11.965	91	550760	56.421	ug/l		98
68)	m/p-Xylenes	12.070	106	420906	116.667	ug/l		99
69)	o-Xylene	12.394	106	197427	57.262	ug/l		97
70)	Styrene	12.412	104	349850	61.312	ug/l		100
71)	Bromoform	12.576	173	95484	60.667	ug/l	#	99
73)	Isopropylbenzene	12.694	105	511179	54.493	ug/l		100
74)	N-amyl acetate	12.494	43	250834	59.490	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.935	83	183825	55.475	ug/l		100
76)	1,2,3-Trichloropropane	12.994	75	150923m	53.424	ug/l		
77)	Bromobenzene	12.976	156	126109	51.456	ug/l		97
78)	n-propylbenzene	13.035	91	608832	54.824	ug/l		99
79)	2-Chlorotoluene	13.123	91	382202	53.178	ug/l		99
80)	1,3,5-Trimethylbenzene	13.170	105	433661	55.967	ug/l		100
81)	trans-1,4-Dichloro-2-b...	12.735	75	59411	56.899	ug/l		97
82)	4-Chlorotoluene	13.217	91	383054	53.528	ug/l		99
83)	tert-Butylbenzene	13.435	119	358257	55.058	ug/l		100
84)	1,2,4-Trimethylbenzene	13.482	105	443007	57.364	ug/l		100
85)	sec-Butylbenzene	13.612	105	504116	55.898	ug/l		100
86)	p-Isopropyltoluene	13.729	119	416356	51.127	ug/l		99
87)	1,3-Dichlorobenzene	13.729	146	234619	51.982	ug/l		99
88)	1,4-Dichlorobenzene	13.812	146	234490	50.123	ug/l		98
89)	n-Butylbenzene	14.053	91	337176	52.115	ug/l		99
90)	Hexachloroethane	14.329	117	90142	52.504	ug/l		98
91)	1,2-Dichlorobenzene	14.100	146	228059	50.656	ug/l		98
92)	1,2-Dibromo-3-Chloropr...	14.717	75	37029	61.195	ug/l		96
93)	1,2,4-Trichlorobenzene	15.394	180	104583	49.981	ug/l		98
94)	Hexachlorobutadiene	15.500	225	49075	44.176	ug/l		95
95)	Naphthalene	15.641	128	343115	54.952	ug/l		99
96)	1,2,3-Trichlorobenzene	15.835	180	107137	50.602	ug/l		99

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Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 31 22:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
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Manual Integrations APPROVED

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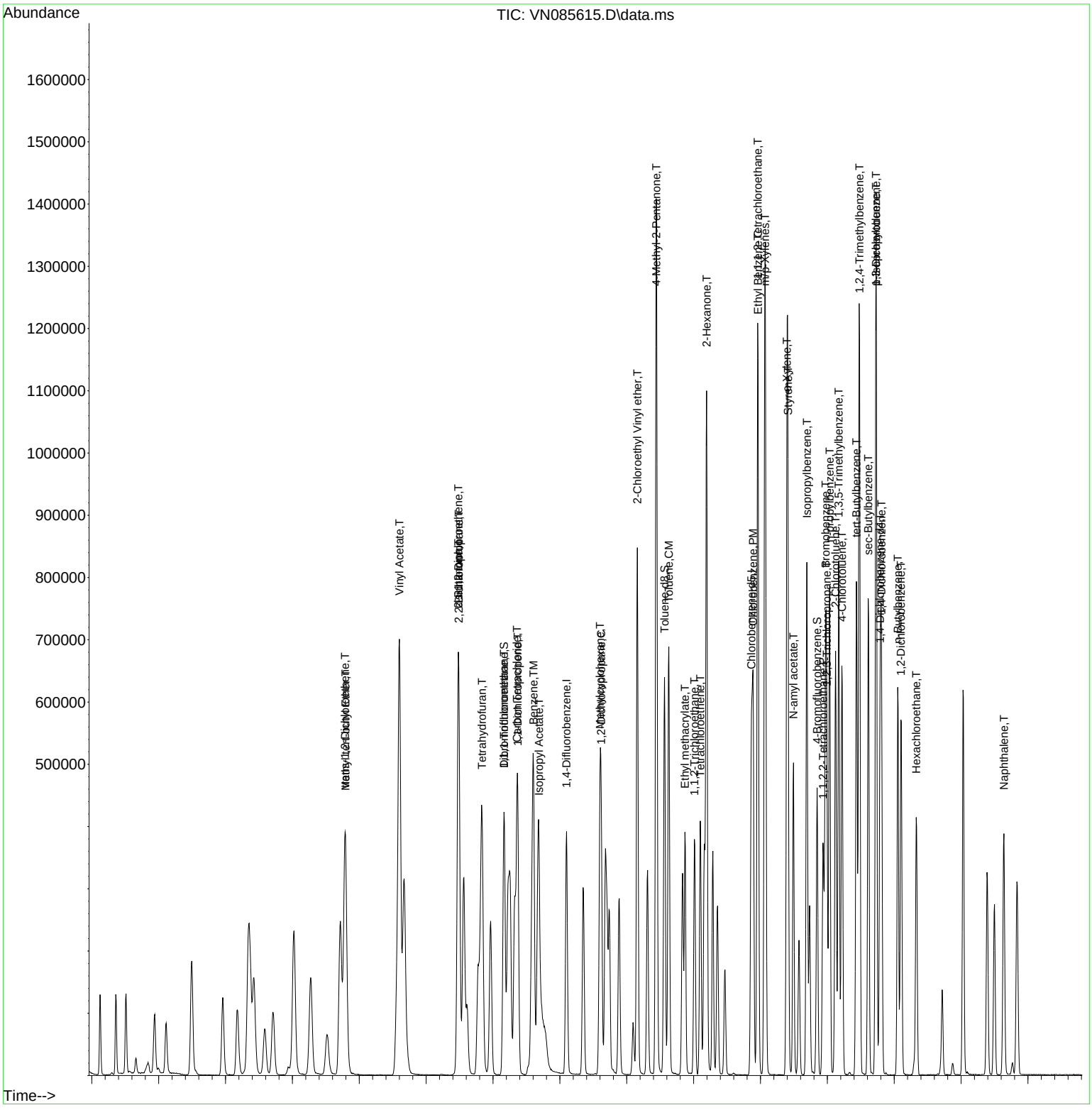
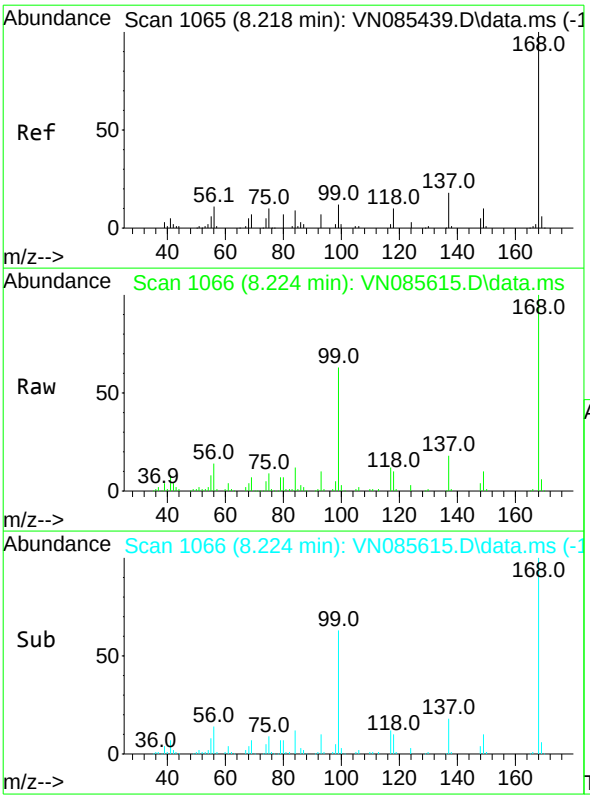
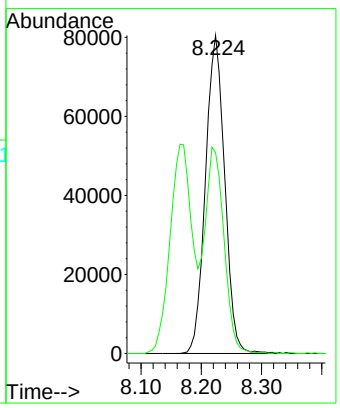




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:168 Resp: 178096

Ion	Ratio	Lower	Upper
168	100		
99	62.9	53.6	80.4



Instrument :
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Manual Integrations
APPROVED

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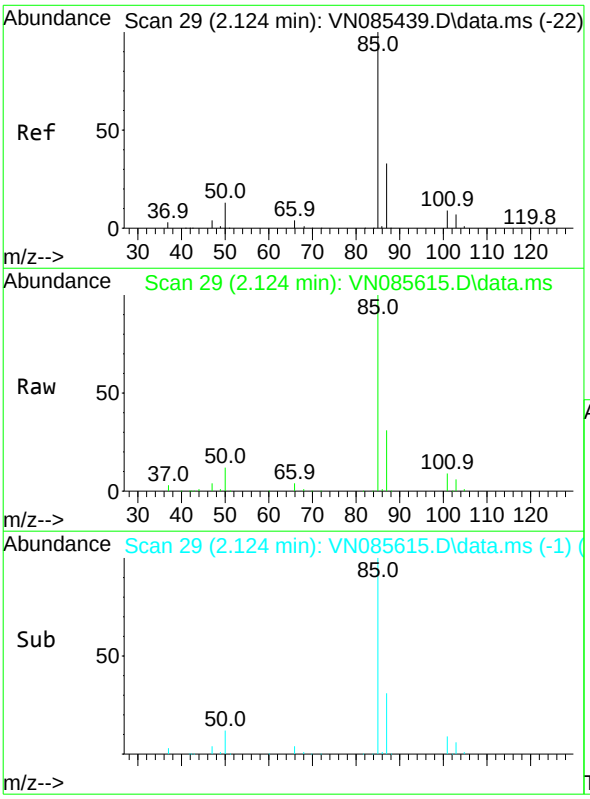
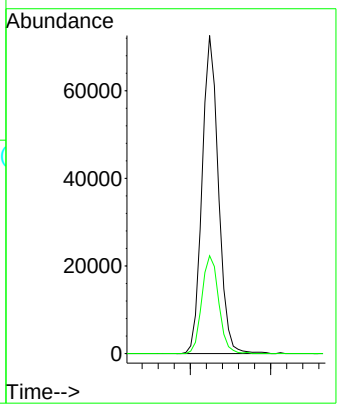
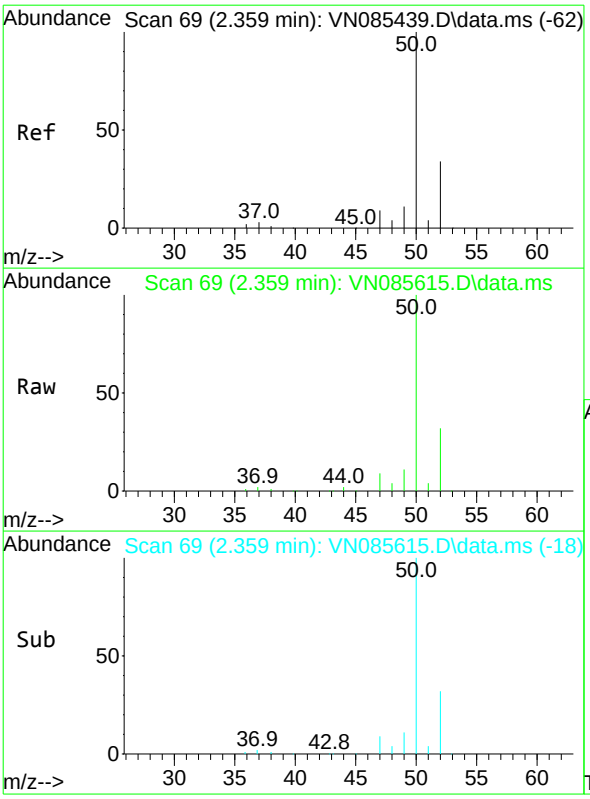


#2
Dichlorodifluoromethane
Concen: 42.525 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 85 Resp: 102542

Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.7	50.1

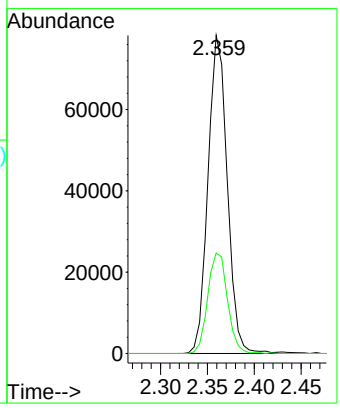




#3
Chloromethane
Concen: 42.761 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 50 Resp: 111644

Ion	Ratio	Lower	Upper
50	100		
52	31.6	27.0	40.6



Instrument :
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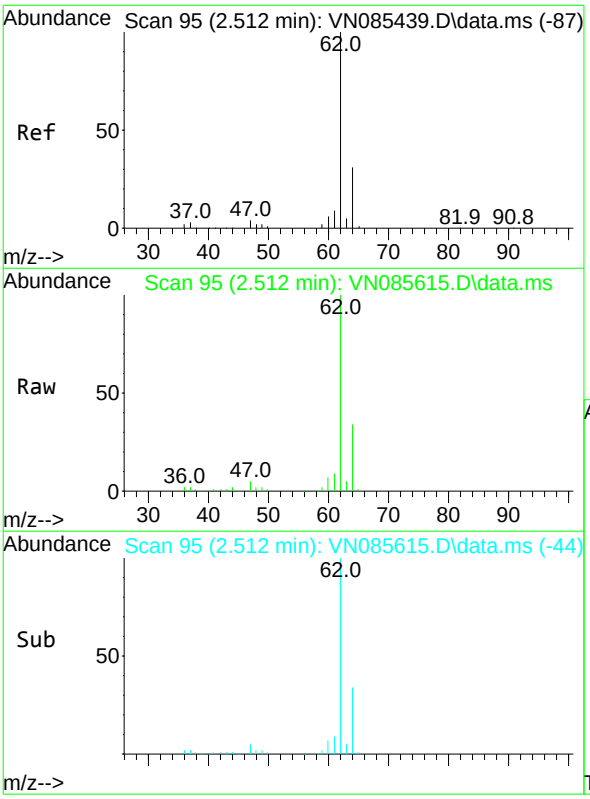
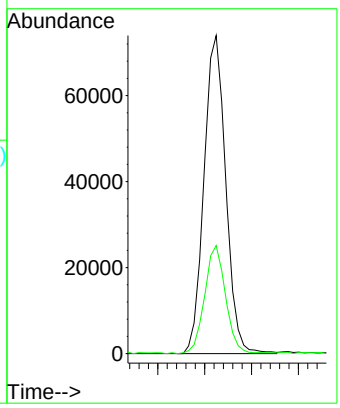
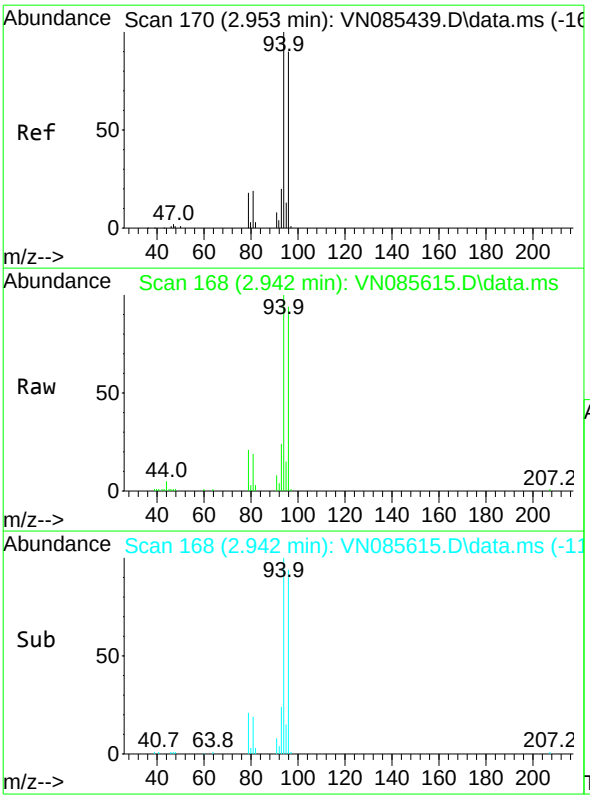


#4
Vinyl Chloride
Concen: 45.459 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 62 Resp: 119298

Ion	Ratio	Lower	Upper
62	100		
64	34.0	24.8	37.2

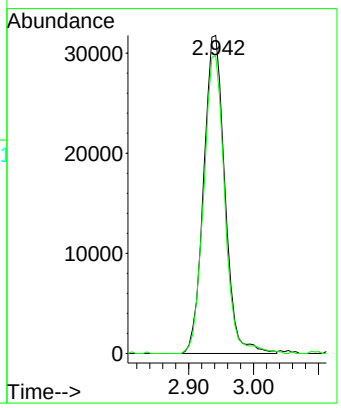




#5
Bromomethane
Concen: 45.461 ug/l
RT: 2.942 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 94 Resp: 72063

Ion	Ratio	Lower	Upper
94	100		
96	93.7	71.8	107.6



Instrument :
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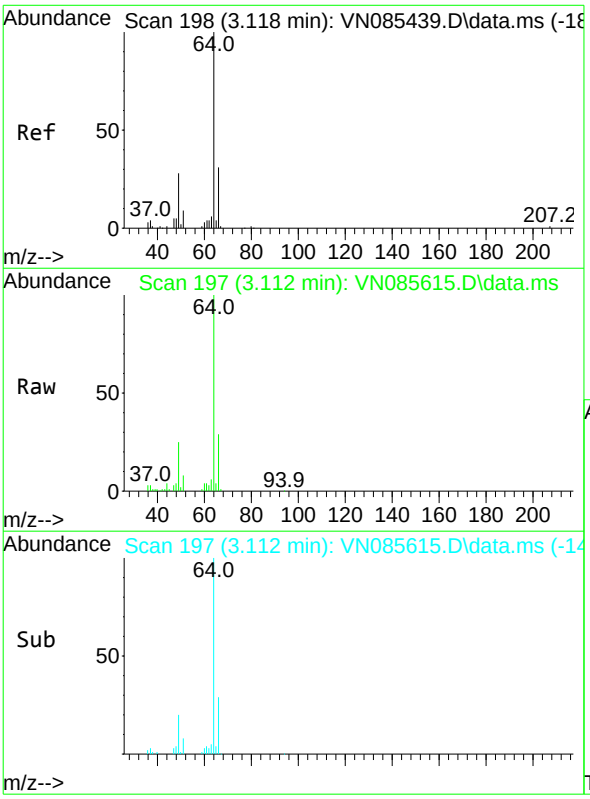
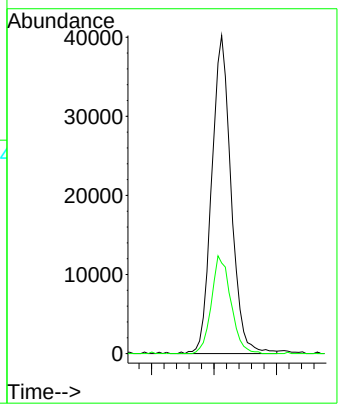
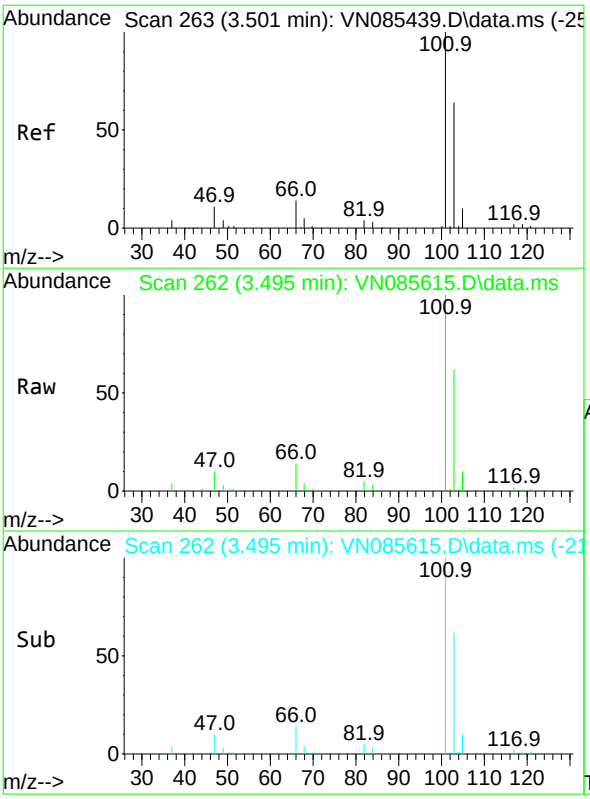


#6
Chloroethane
Concen: 52.096 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 64 Resp: 86676

Ion	Ratio	Lower	Upper
64	100		
66	28.5	24.6	36.8

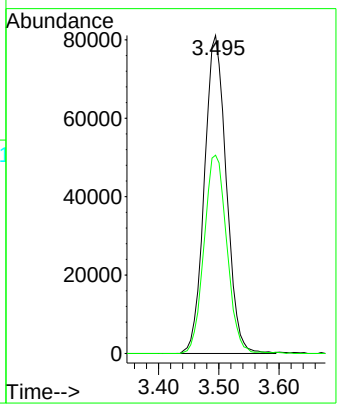




#7
Trichlorofluoromethane
Concen: 53.795 ug/l
RT: 3.495 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:101 Resp: 204839

Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.4	77.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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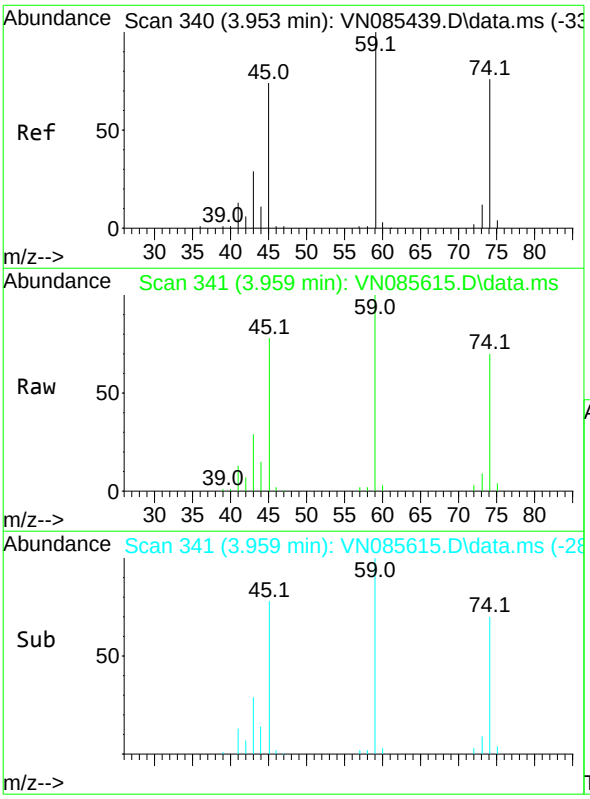
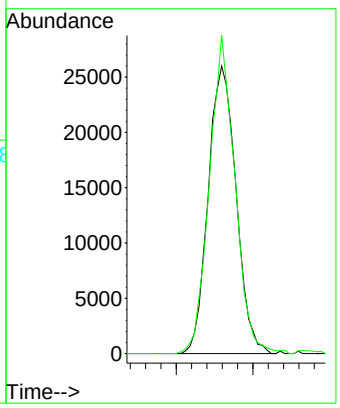
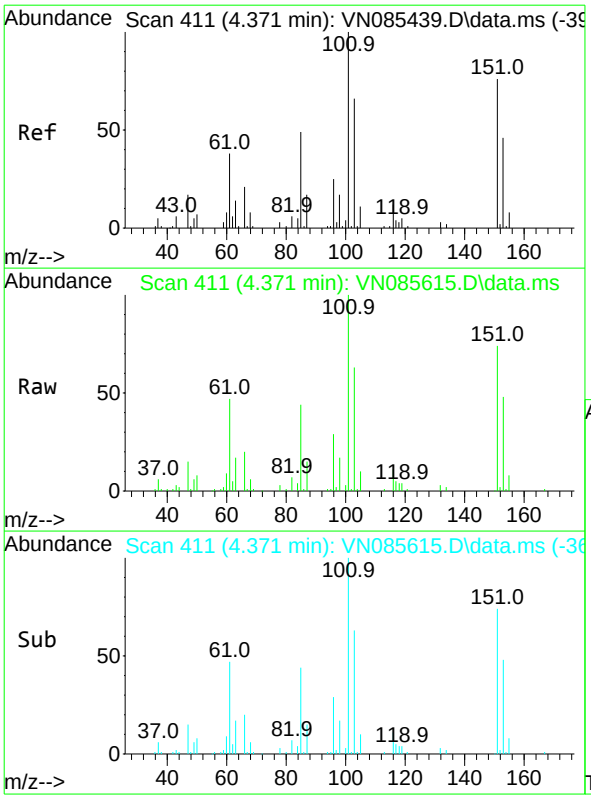


#8
Diethyl Ether
Concen: 49.910 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 74 Resp: 65653

Ion	Ratio	Lower	Upper
74	100		
45	101.6	49.7	149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.532 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:101 Resp: 106230

Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.8	56.8
151	72.8	58.8	88.2

Instrument :
MSVOA_N
ClientSampleId :
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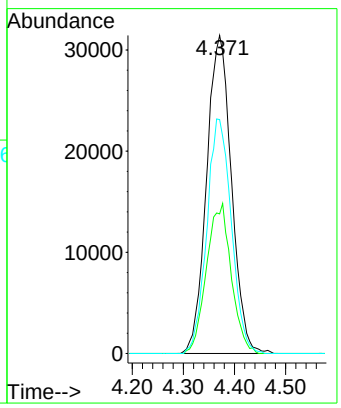
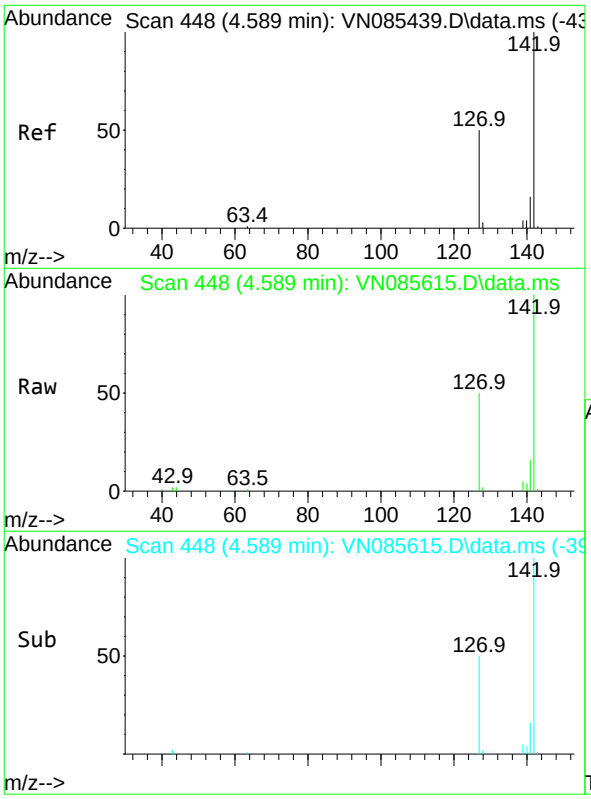
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

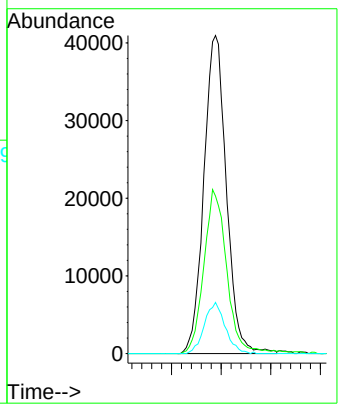


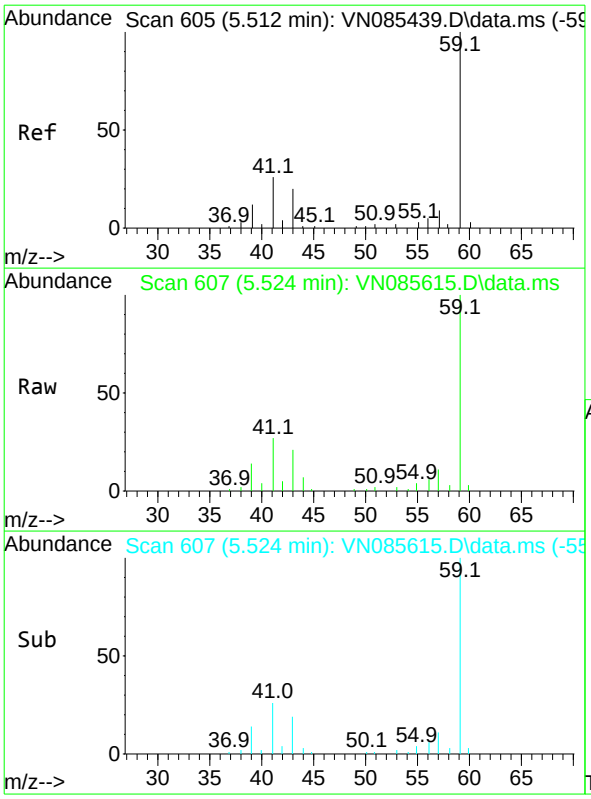


#10
Methyl Iodide
Concen: 52.554 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:142 Resp: 129075

Ion	Ratio	Lower	Upper
142	100		
127	49.5	40.3	60.5
141	16.1	12.8	19.2

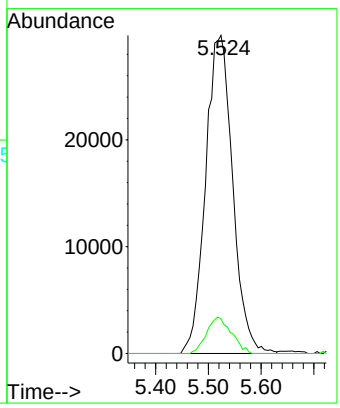




#11
Tert butyl alcohol
Concen: 322.573 ug/l
RT: 5.524 min Scan# 60
Delta R.T. 0.012 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 59 Resp: 106187

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	13.0



Instrument :
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ClientSampleId :
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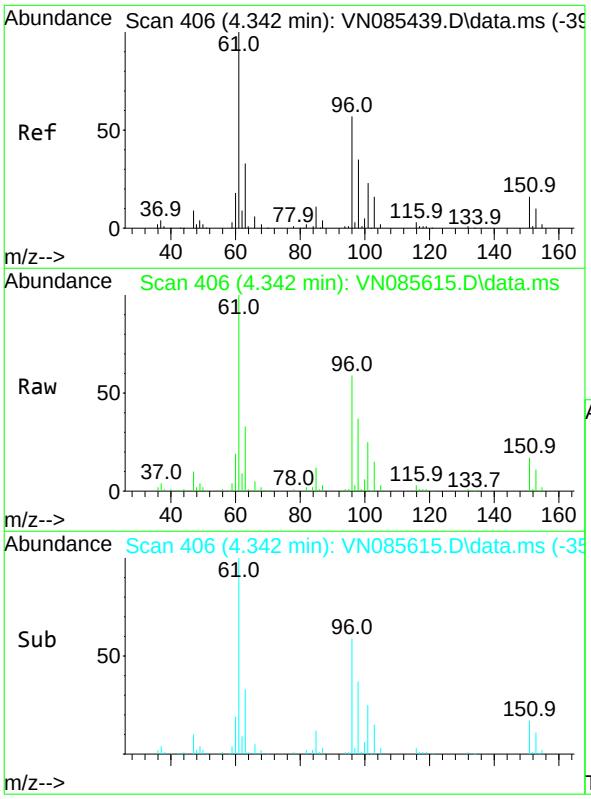
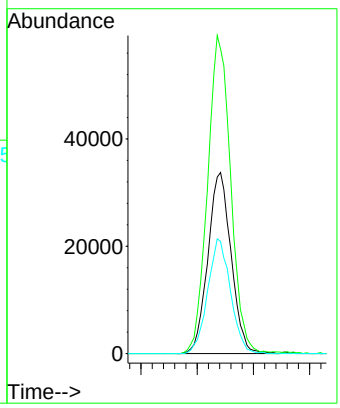
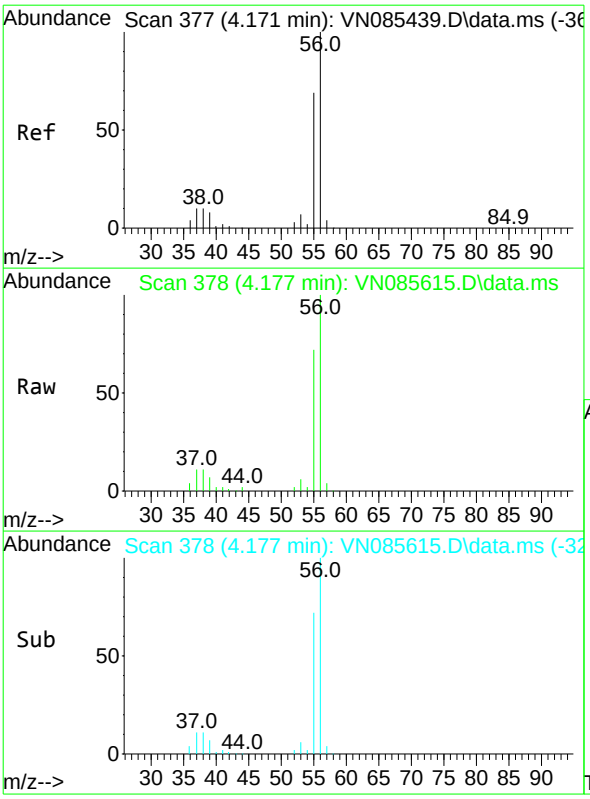


#12
1,1-Dichloroethene
Concen: 50.648 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 96 Resp: 96807

Ion	Ratio	Lower	Upper
96	100		
61	168.2	141.0	211.4
98	61.9	49.0	73.6

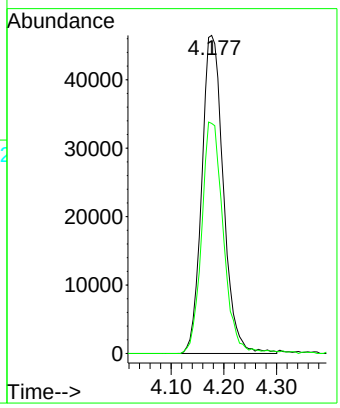




#13
Acrolein
Concen: 294.732 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 56 Resp: 132444

Ion	Ratio	Lower	Upper
56	100		
55	72.4	56.3	84.5



Instrument :
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ClientSampleId :
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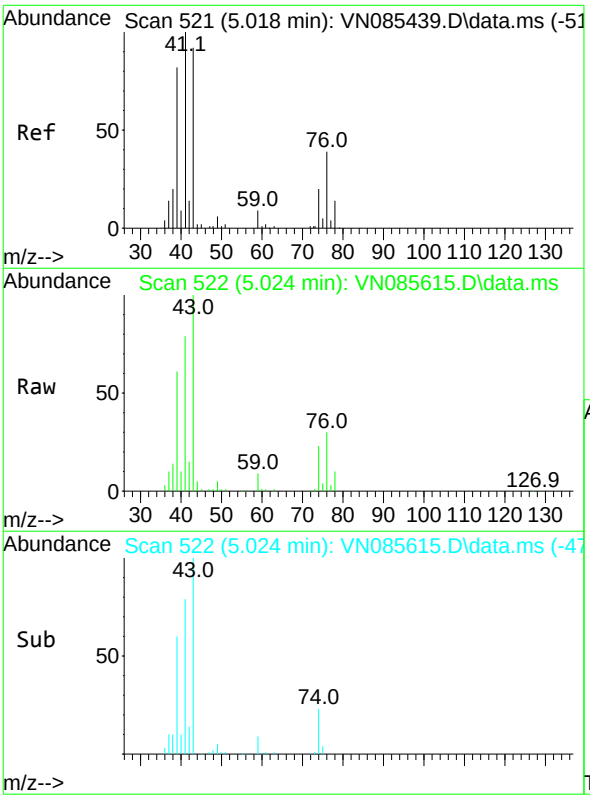
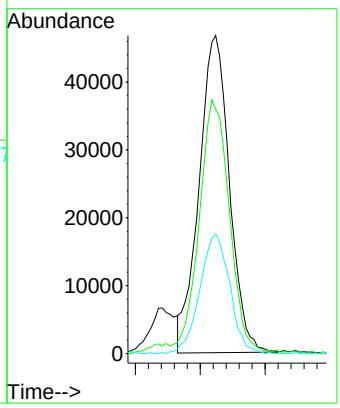
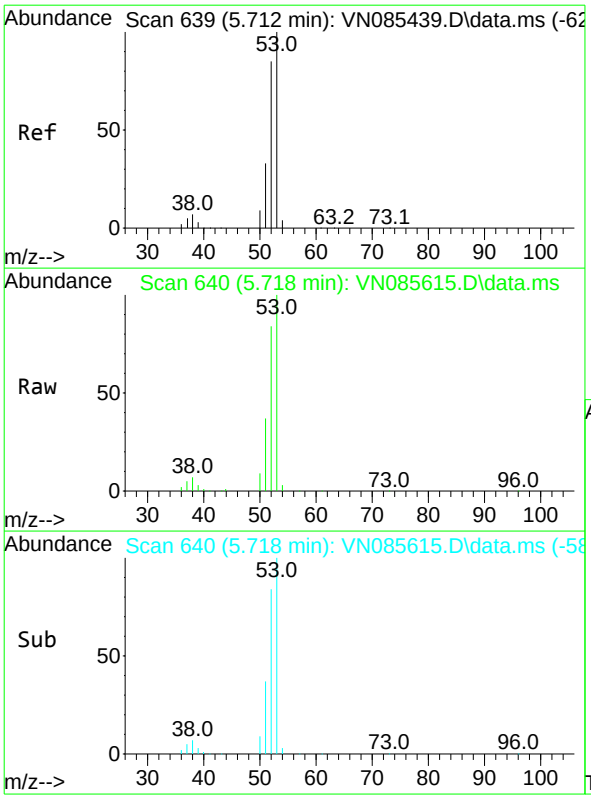


#14
Allyl chloride
Concen: 49.071 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 41 Resp: 152196

Ion	Ratio	Lower	Upper
41	100		
39	78.9	64.4	96.6
76	37.1	30.5	45.7

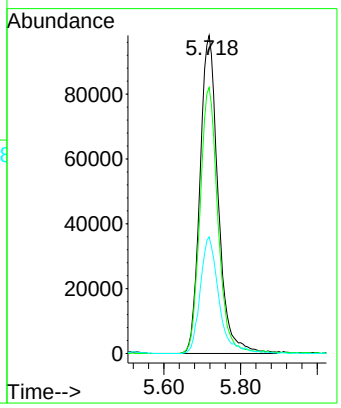




#15
Acrylonitrile
Concen: 308.429 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 53 Resp: 322496

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	37.3	29.8	44.8



Instrument :
MSVOA_N
ClientSampleId :
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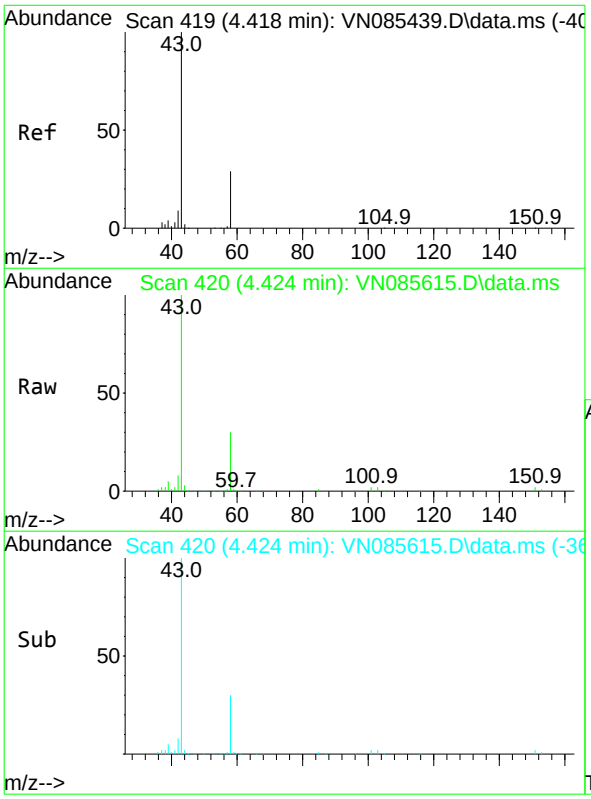
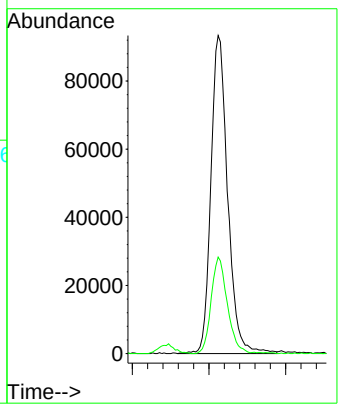
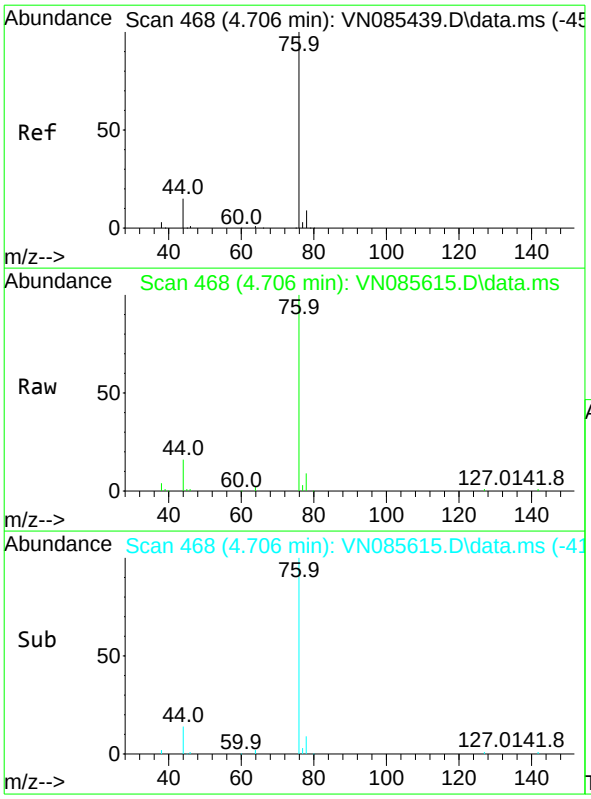


#16
Acetone
Concen: 304.912 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 283228

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.8	35.6





#17
Carbon Disulfide
Concen: 39.415 ug/l
RT: 4.706 min Scan# 46
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 76 Resp: 231962

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

Instrument :
MSVOA_N
ClientSampleId :
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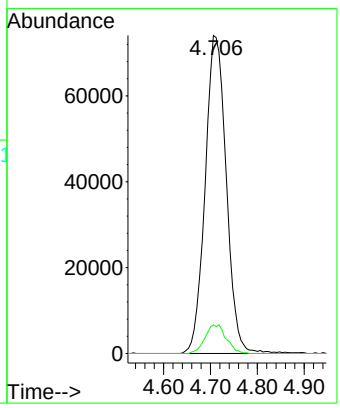
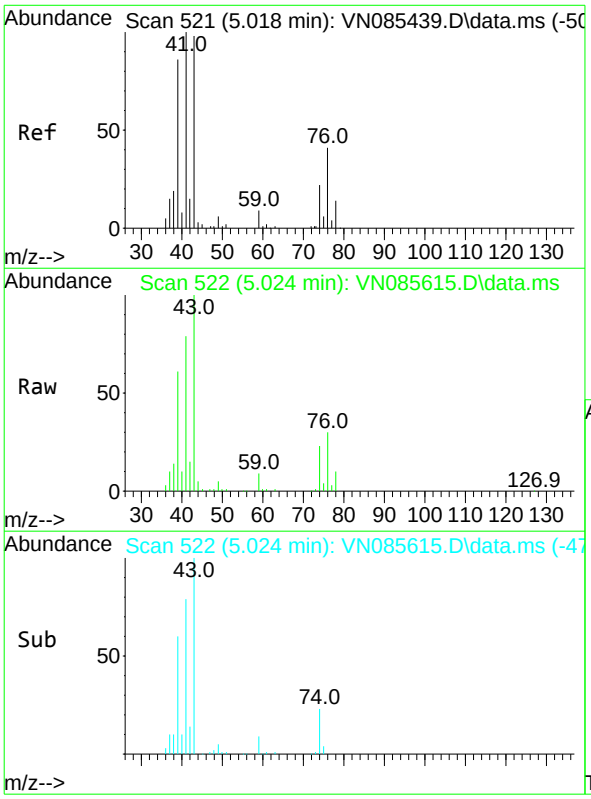
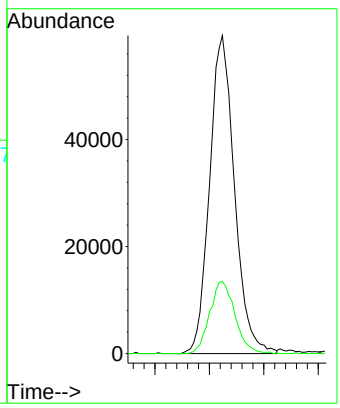


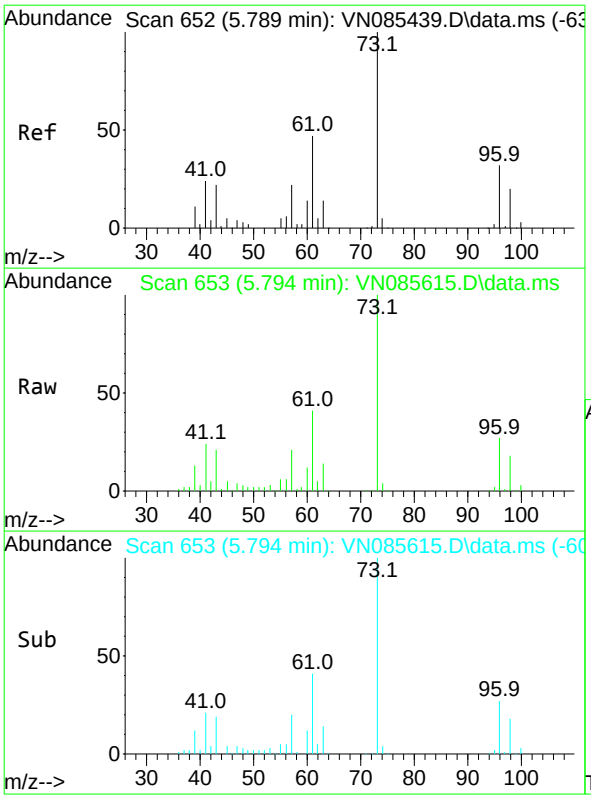


#18
Methyl Acetate
Concen: 66.866 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 188868

Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.6	28.0

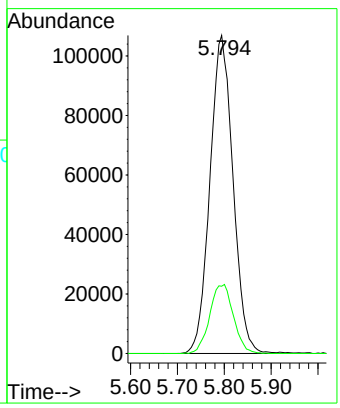




#19
Methyl tert-butyl Ether
Concen: 58.861 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 73 Resp: 365318

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.8



Instrument :
MSVOA_N
ClientSampleId :
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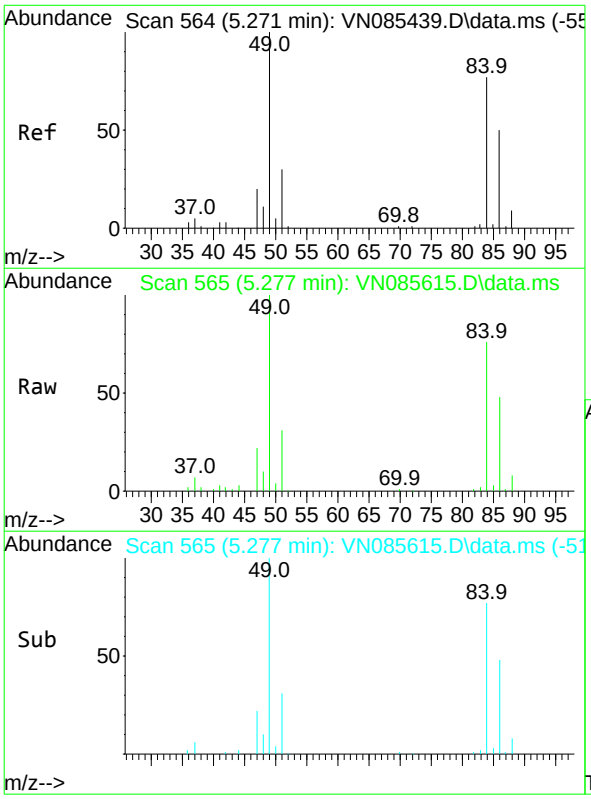
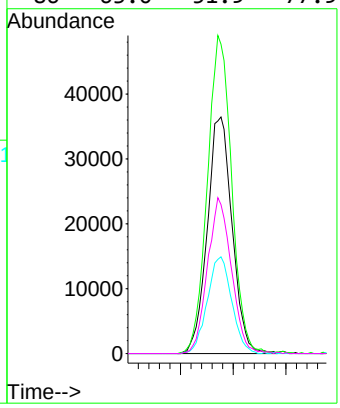
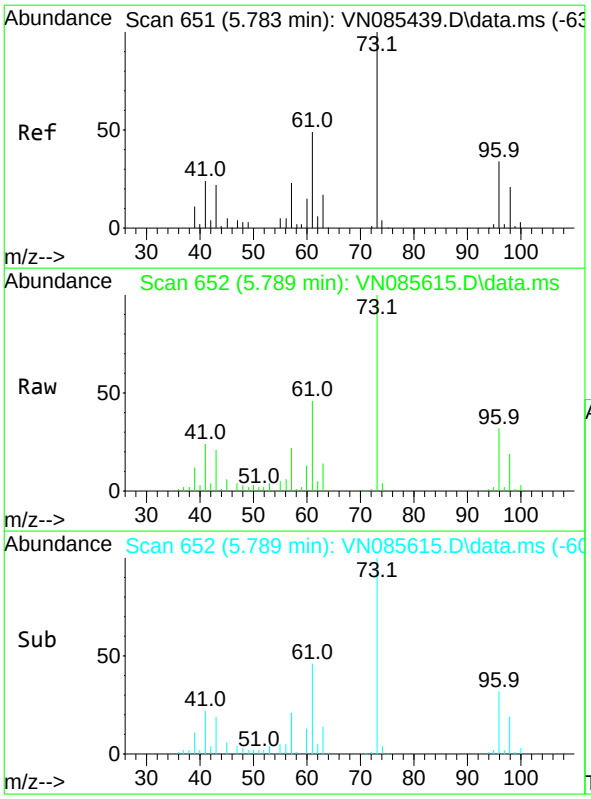


#20
Methylene Chloride
Concen: 51.971 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 84 Resp: 119509

Ion	Ratio	Lower	Upper
84	100		
49	130.8	104.1	156.1
51	40.9	31.0	46.4
86	63.0	51.9	77.9

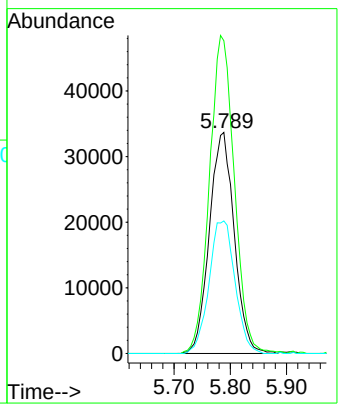




#21
trans-1,2-Dichloroethene
Concen: 50.664 ug/l
RT: 5.789 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 96 Resp: 103491

Ion	Ratio	Lower	Upper
96	100		
61	141.5	115.7	173.5
98	59.9	49.8	74.8



Instrument :
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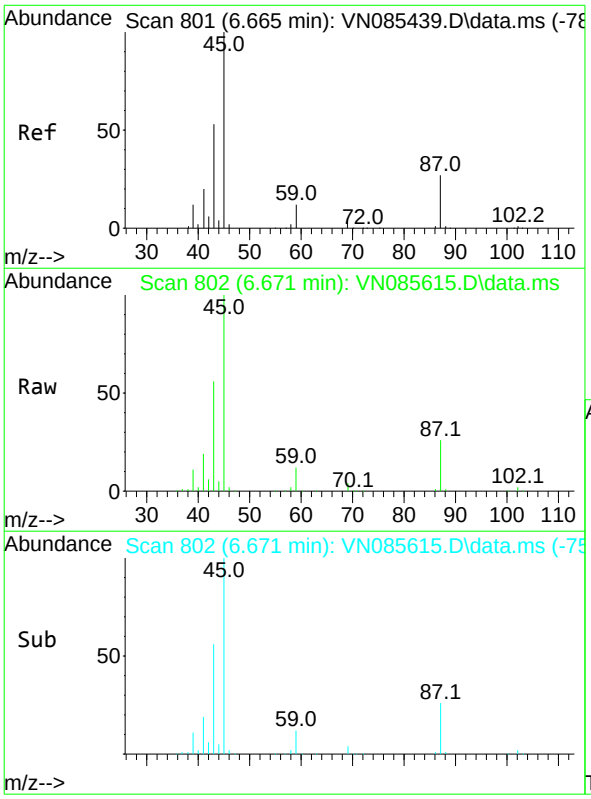
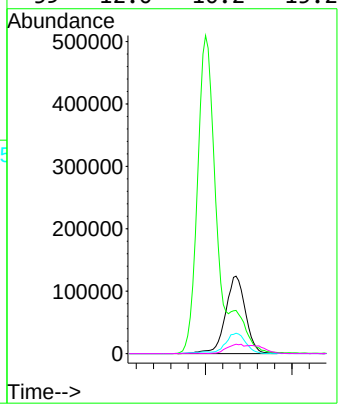
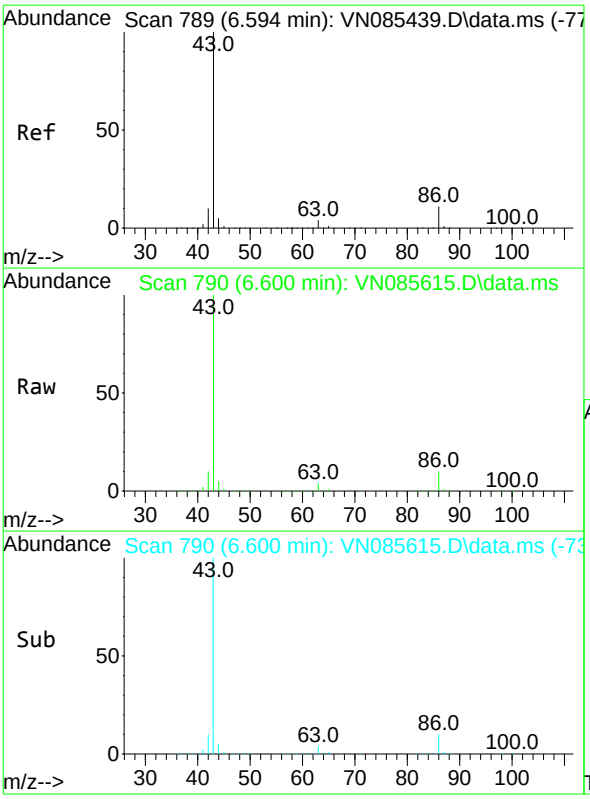


#22
Diisopropyl ether
Concen: 57.650 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 45 Resp: 396871

Ion	Ratio	Lower	Upper
45	100		
43	55.3	45.0	67.6
87	26.3	21.8	32.8
59	12.0	10.2	15.2





#23
Vinyl Acetate
Concen: 298.283 ug/l
RT: 6.600 min Scan# 79
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 1437042

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.4	12.6

Instrument :
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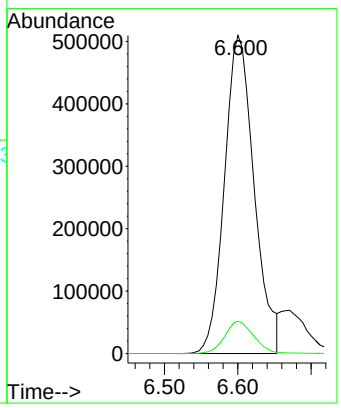
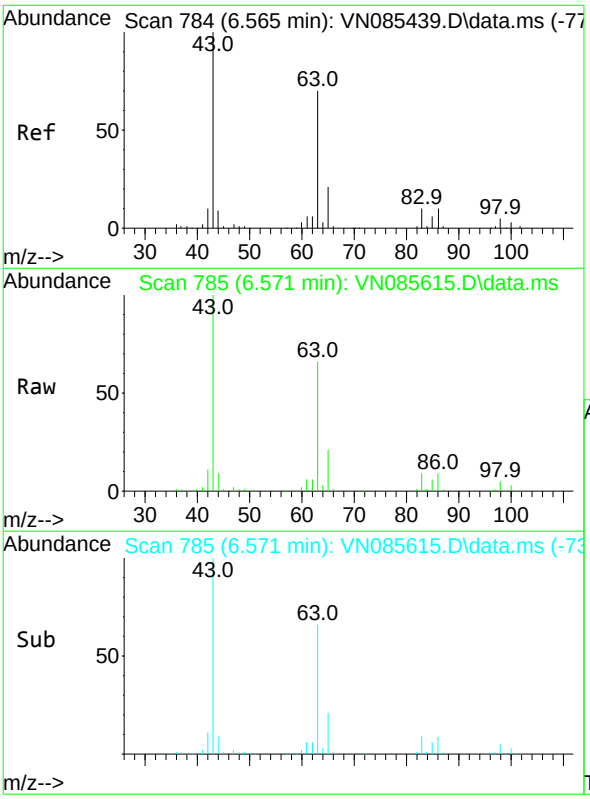
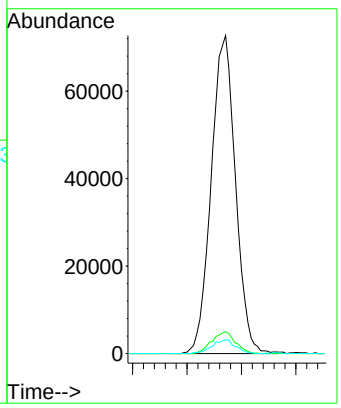


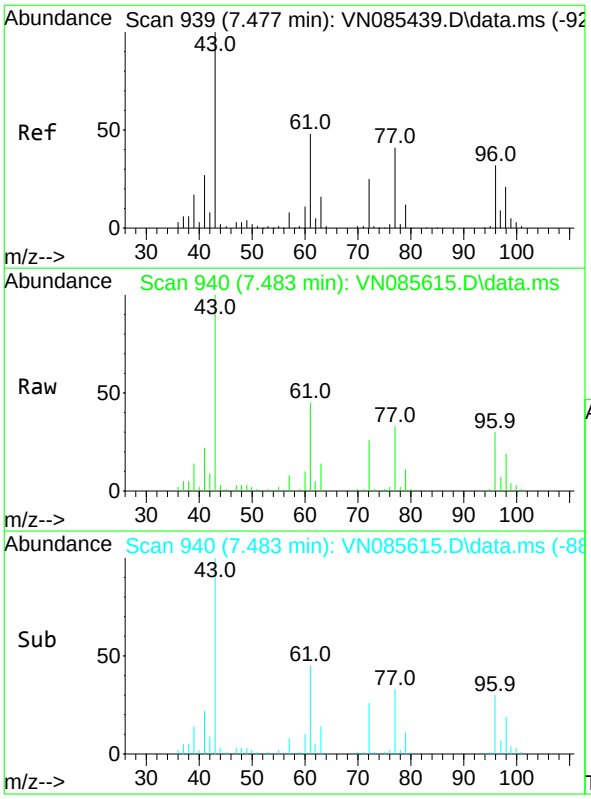


#24
1,1-Dichloroethane
Concen: 53.692 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 63 Resp: 225378

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.8
100	4.2	2.0	6.0

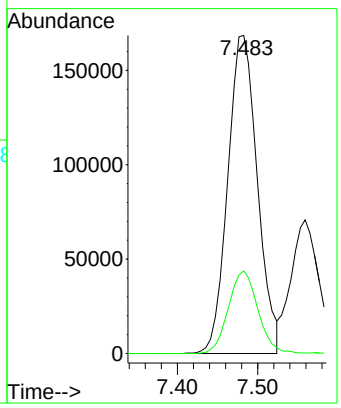




#25
2-Butanone
Concen: 315.996 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 431947

Ion	Ratio	Lower	Upper
43	100		
72	26.0	20.2	30.4



Instrument :
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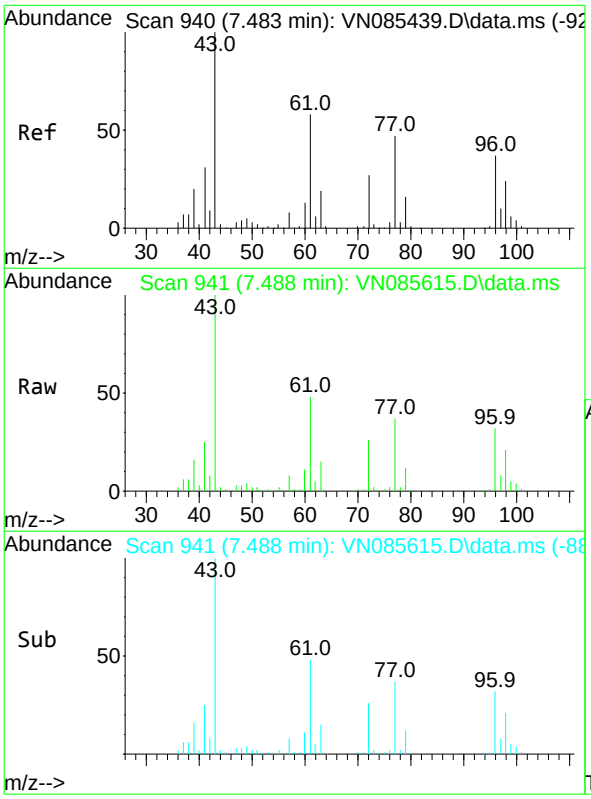
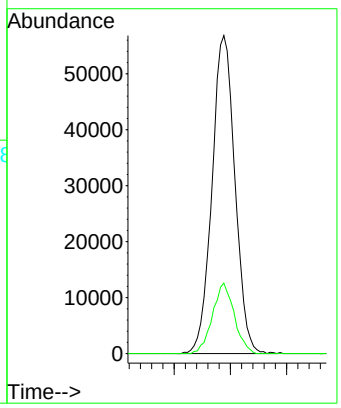
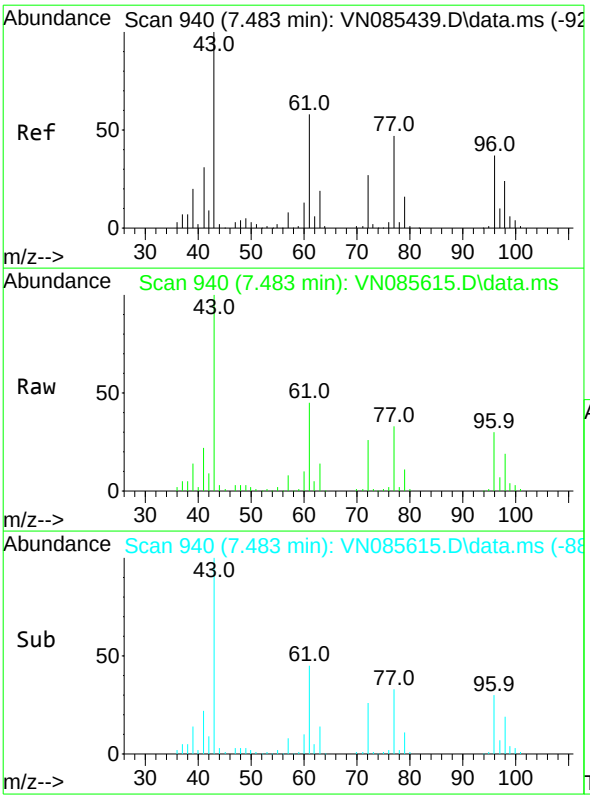


#26
2,2-Dichloropropane
Concen: 47.442 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 77 Resp: 161007

Ion	Ratio	Lower	Upper
77	100		
97	21.0	10.7	32.1





#27
cis-1,2-Dichloroethene
Concen: 53.563 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 96 Resp: 128871

Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	311.8
98	64.4	0.0	126.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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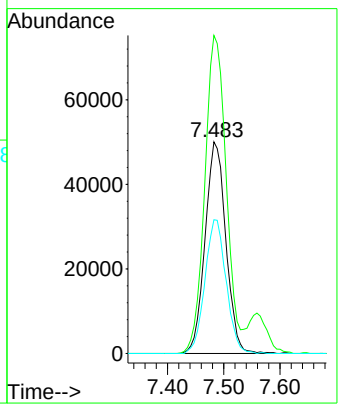
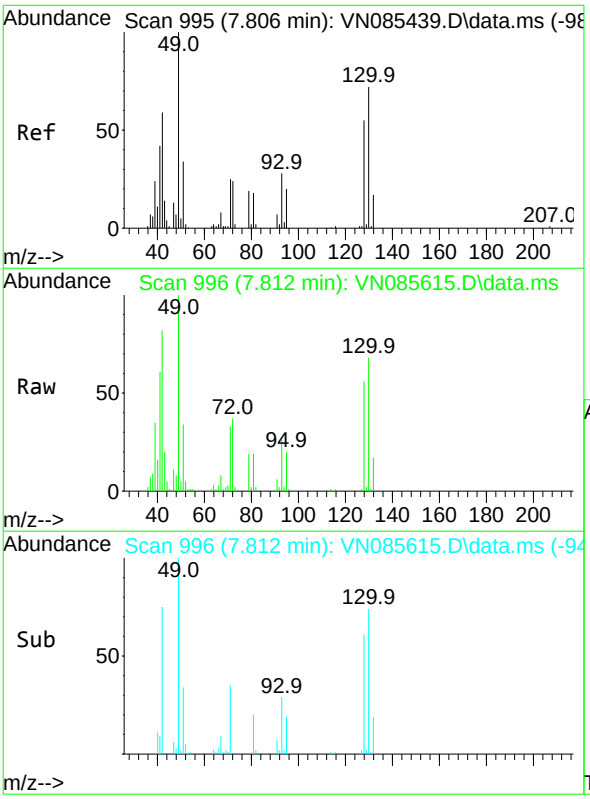
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

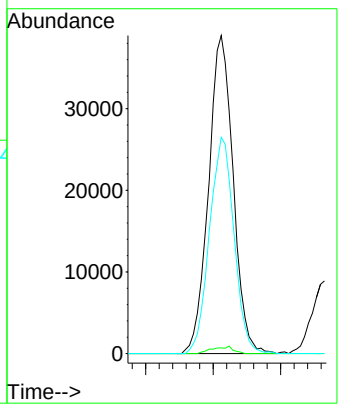


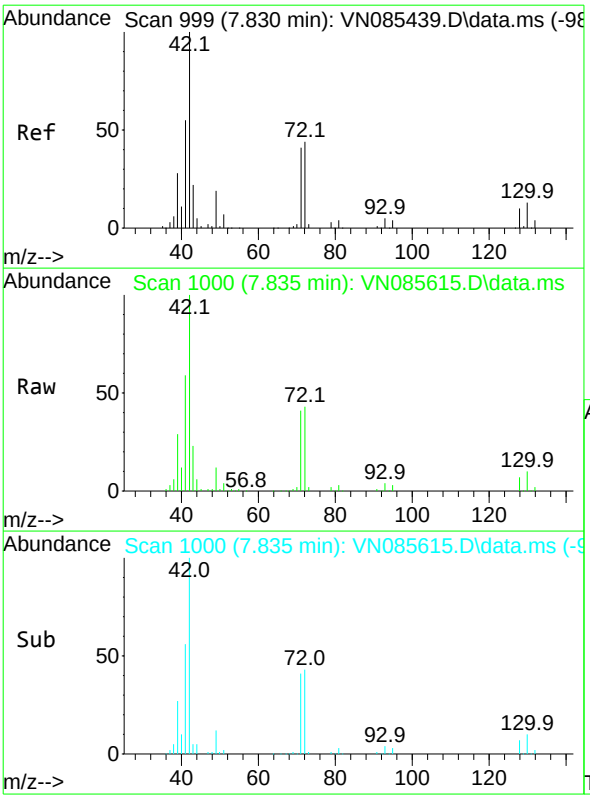


#28
Bromochloromethane
Concen: 50.524 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 49 Resp: 98668

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	67.9	55.0	82.4

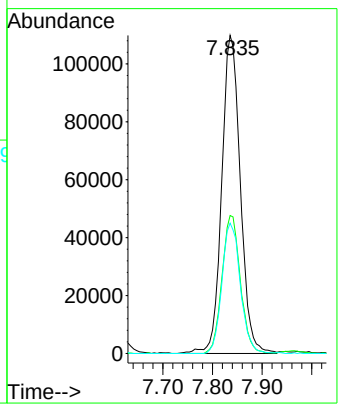




#29
Tetrahydrofuran
Concen: 330.491 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 42 Resp: 286418

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	40.5	32.5	48.7



Instrument :
MSVOA_N
ClientSampleId :
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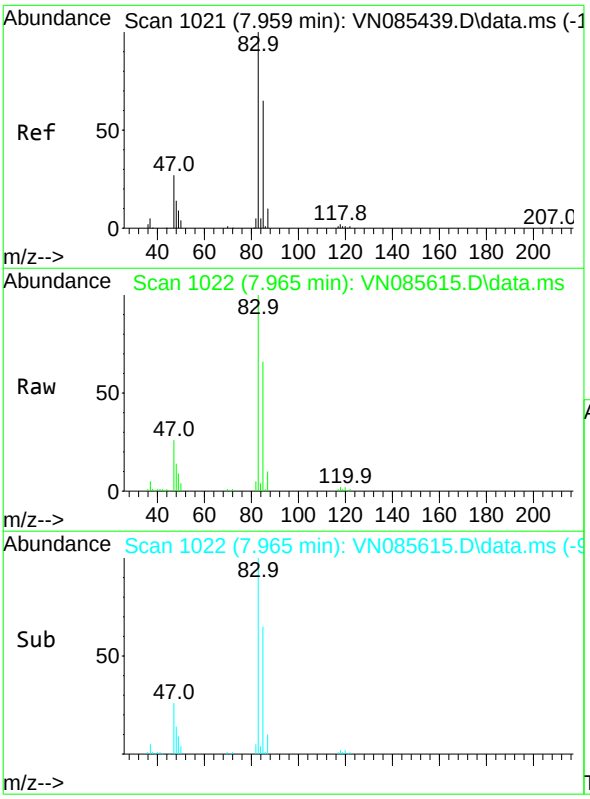
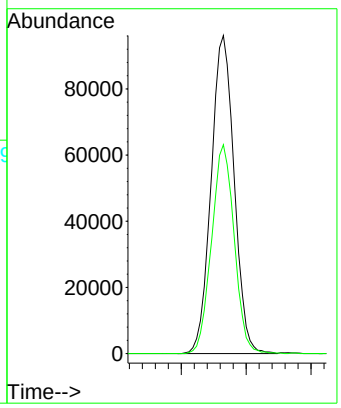
Supervised By :Semsettin Yesilyurt 02/03/2025

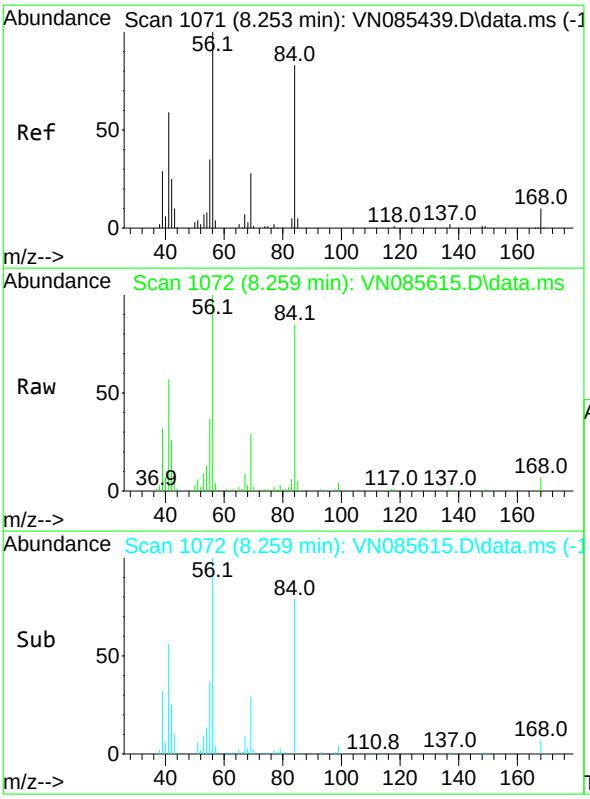


#30
Chloroform
Concen: 54.603 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 83 Resp: 236888

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.6

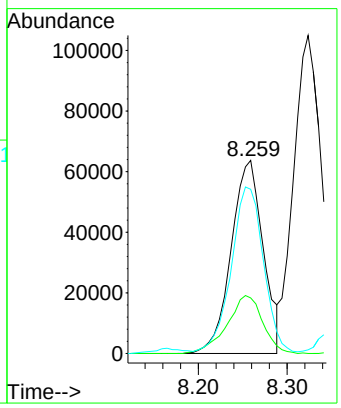




#31
Cyclohexane
Concen: 43.906 ug/l
RT: 8.259 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 56 Resp: 160191

Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.2	33.4
84	83.1	66.4	99.6



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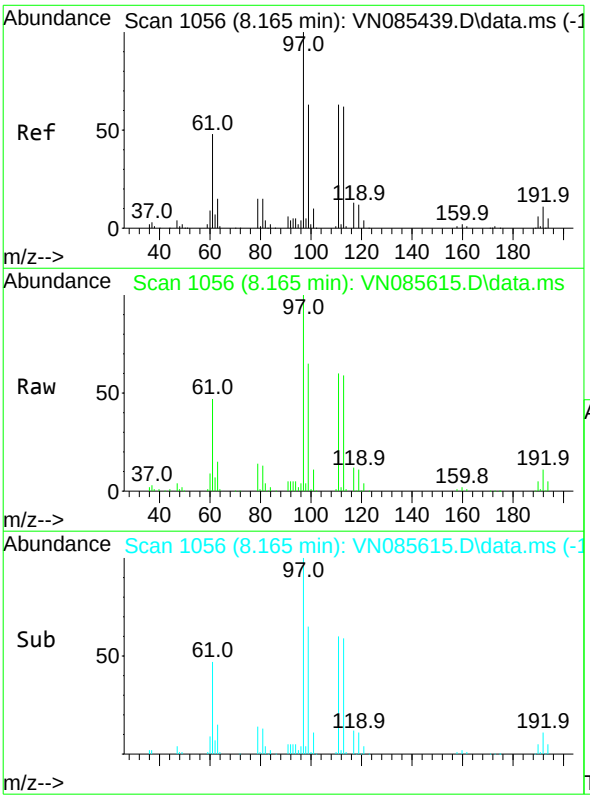
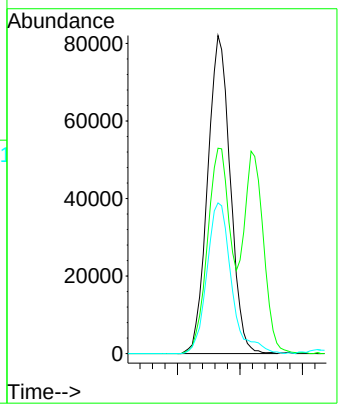
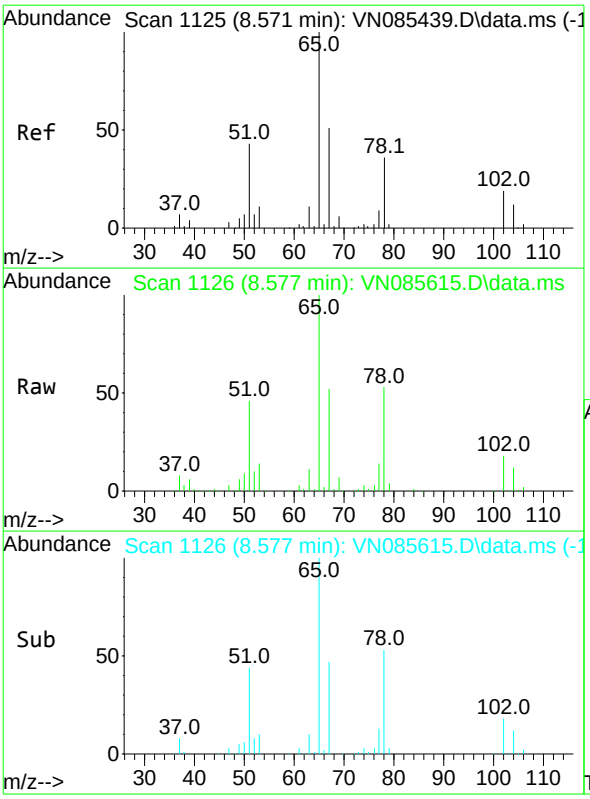


#32
1,1,1-Trichloroethane
Concen: 54.266 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 97 Resp: 206511

Ion	Ratio	Lower	Upper
97	100		
99	65.1	49.8	74.6
61	51.3	41.4	62.2

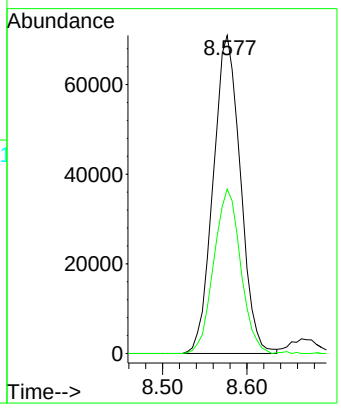




#33
1,2-Dichloroethane-d4
Concen: 55.255 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 65 Resp: 158849

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.6



Instrument :
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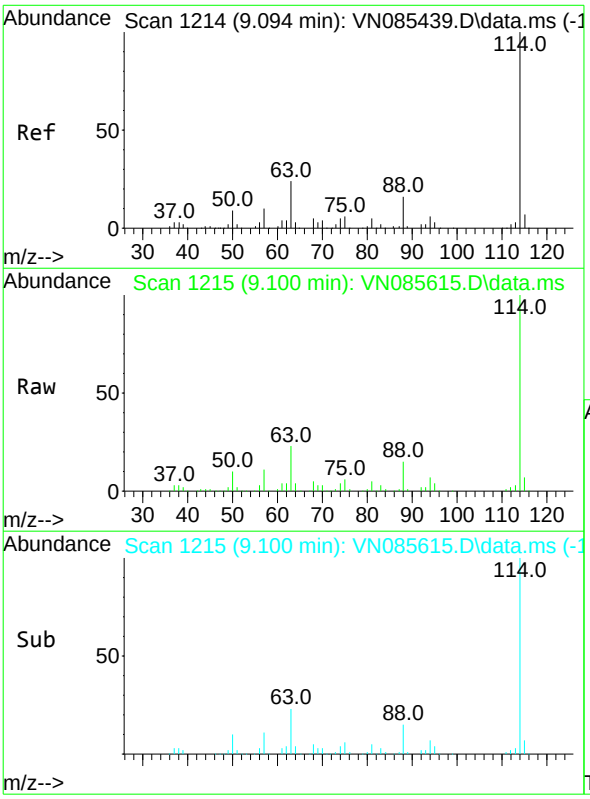
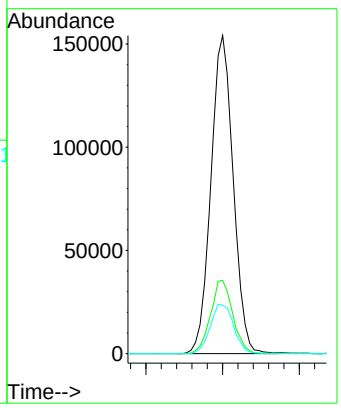
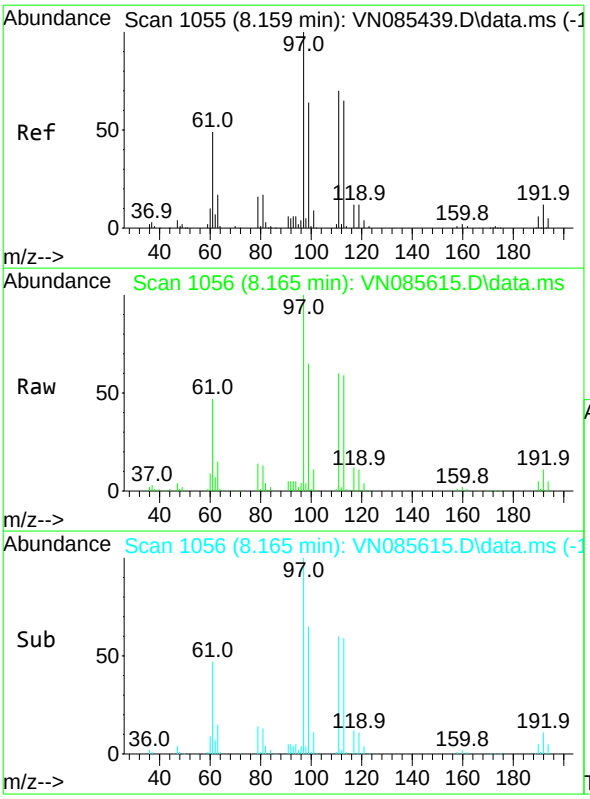


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:114 Resp: 310790

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	15.2	0.0	32.6

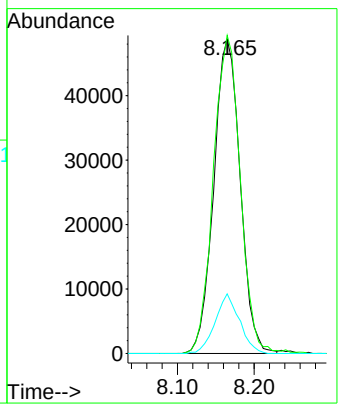




#35
Dibromofluoromethane
Concen: 54.028 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:113 Resp: 116490

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	17.5	14.3	21.5



Instrument :
MSVOA_N
ClientSampleId :
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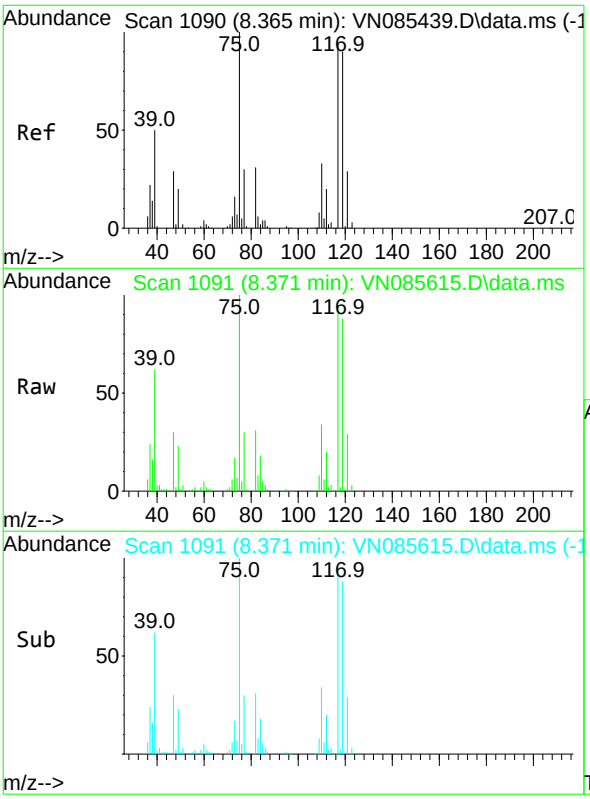
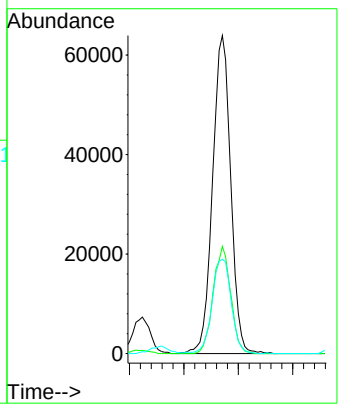
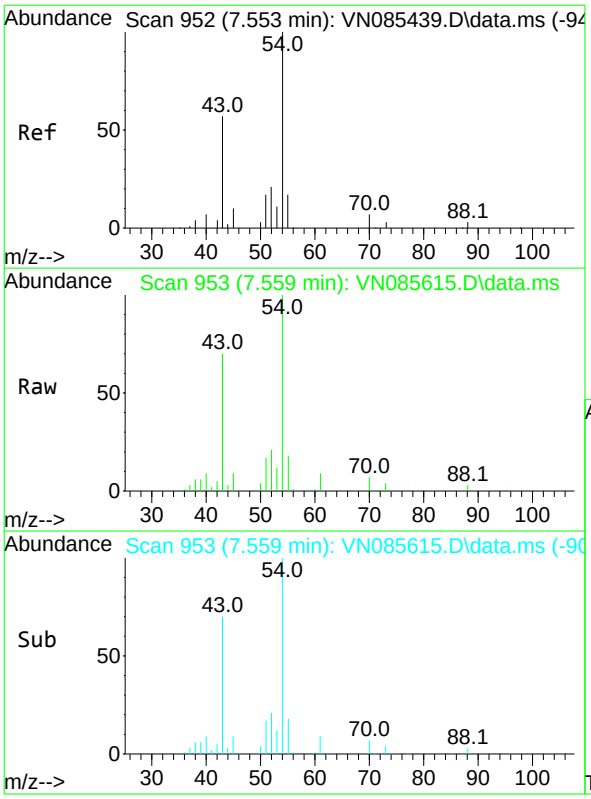


#36
1,1-Dichloropropene
Concen: 48.920 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 75 Resp: 148034

Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.5	49.5
77	31.4	24.4	36.6





#37
Ethyl Acetate
Concen: 58.266 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 177968

Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.9	16.3
70	9.3	7.5	11.3

Instrument :
MSVOA_N
ClientSampleId :
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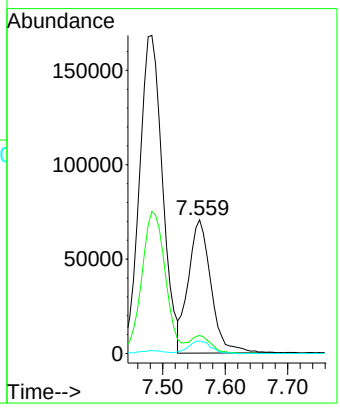
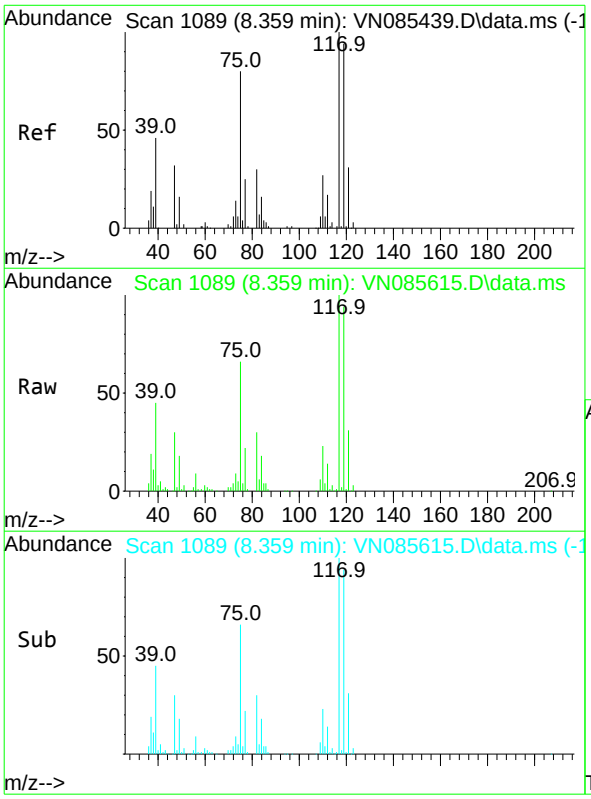
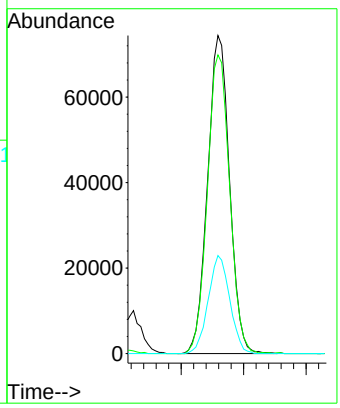


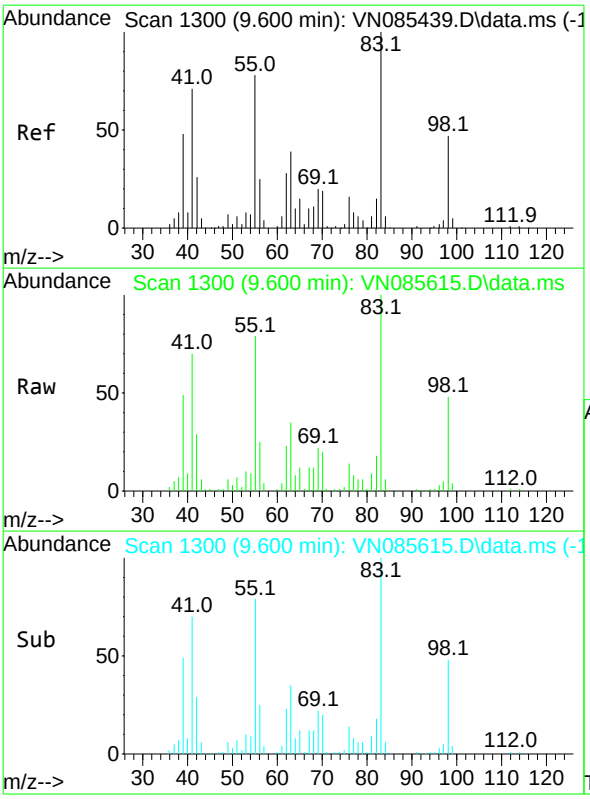


#38
Carbon Tetrachloride
Concen: 52.341 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:117 Resp: 181328

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.2
121	30.8	24.6	37.0





#39
Methylcyclohexane
Concen: 47.197 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 83 Resp: 134210

Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.6	94.0
98	47.8	37.7	56.5

Instrument :
MSVOA_N
ClientSampleId :
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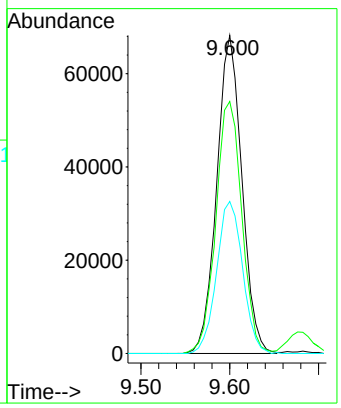
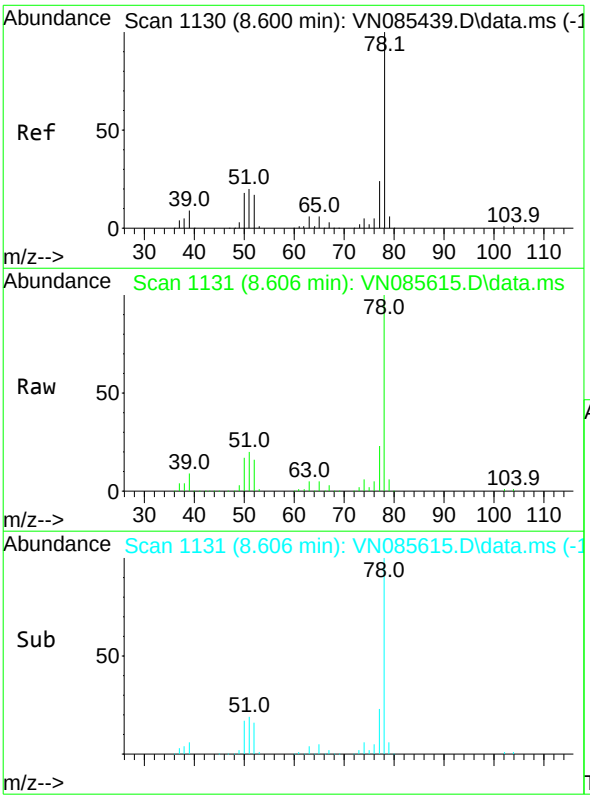
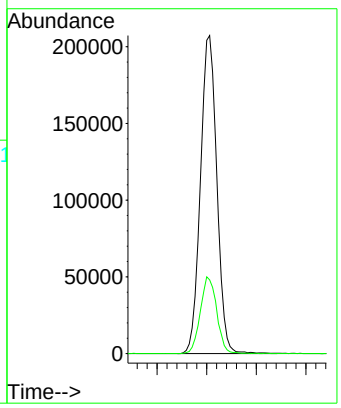


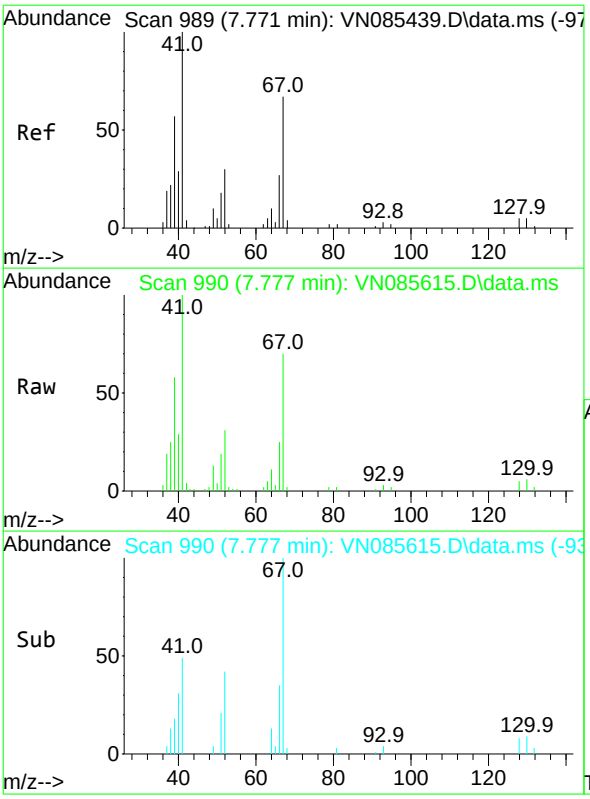


#40
Benzene
Concen: 52.335 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 78 Resp: 475849

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6

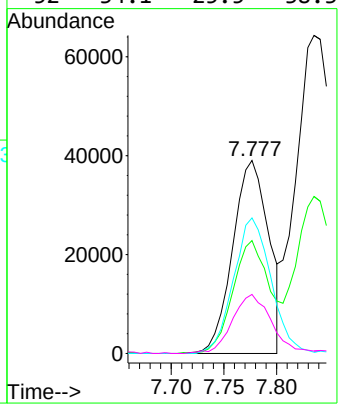




#41
Methacrylonitrile
Concen: 58.325 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 41 Resp: 92683

Ion	Ratio	Lower	Upper
41	100		
39	61.8	46.0	69.0
67	73.5	57.4	86.2
52	34.1	25.5	38.3



Instrument :
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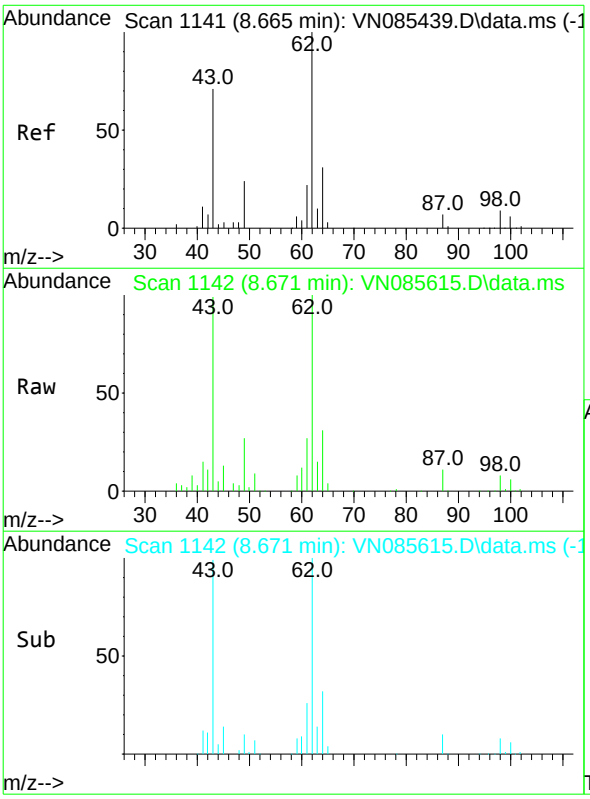
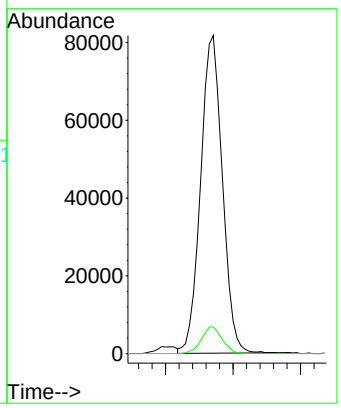
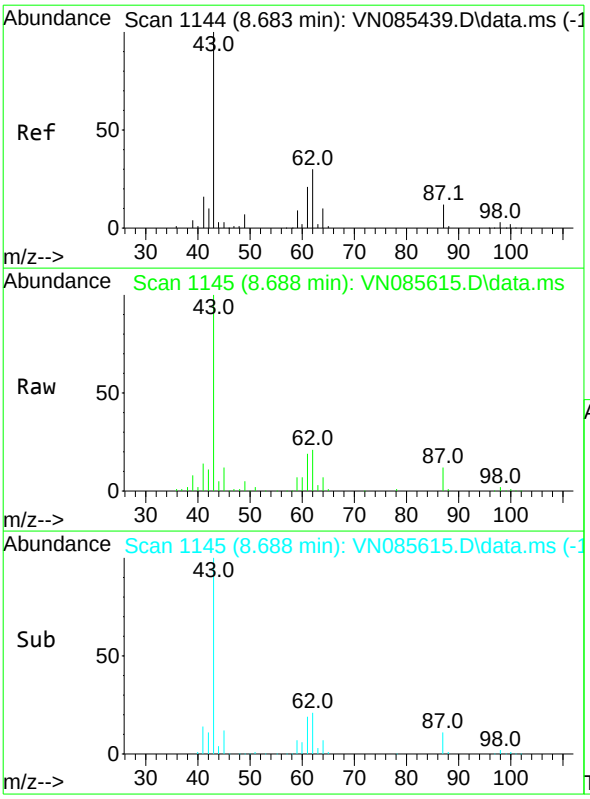


#42
1,2-Dichloroethane
Concen: 53.434 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 62 Resp: 182981

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43
Isopropyl Acetate
Concen: 75.346 ug/l m
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 368756

Ion	Ratio	Lower	Upper
43	100		
61	20.0	20.7	31.1#
87	9.6	9.8	14.8#

Instrument :
MSVOA_N
ClientSampleId :
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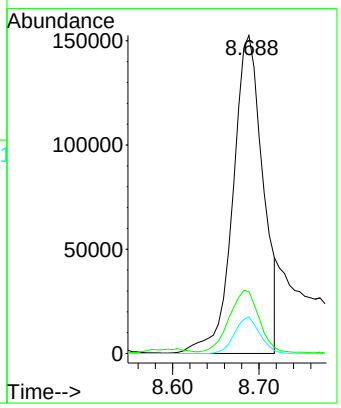
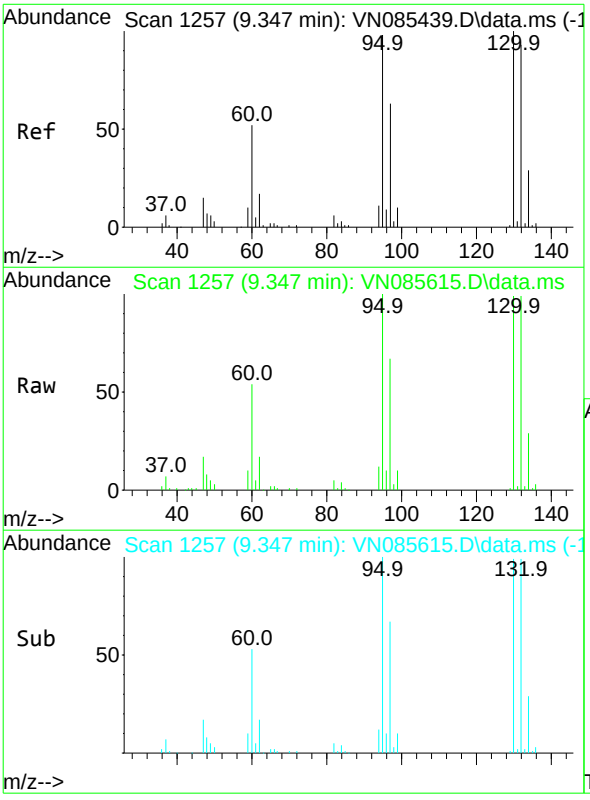
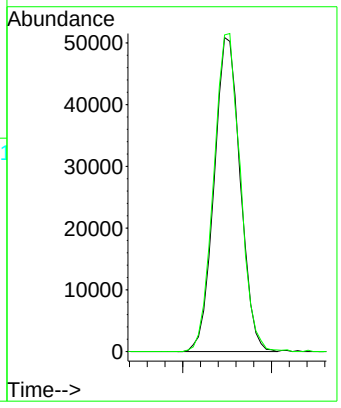


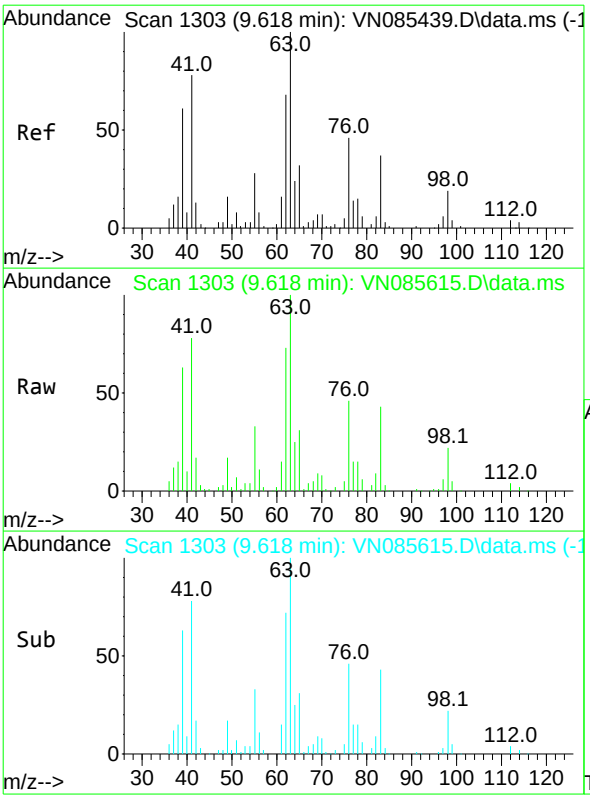


#44
Trichloroethene
Concen: 49.070 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:130 Resp: 103855

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	195.8





#45
1,2-Dichloropropane
Concen: 54.156 ug/l
RT: 9.618 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 63 Resp: 125774

Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
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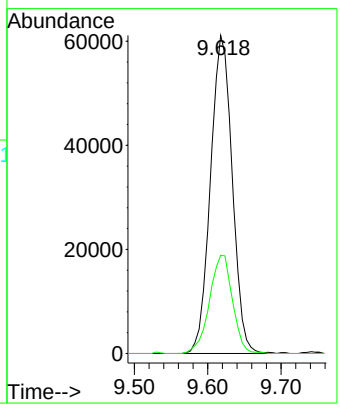
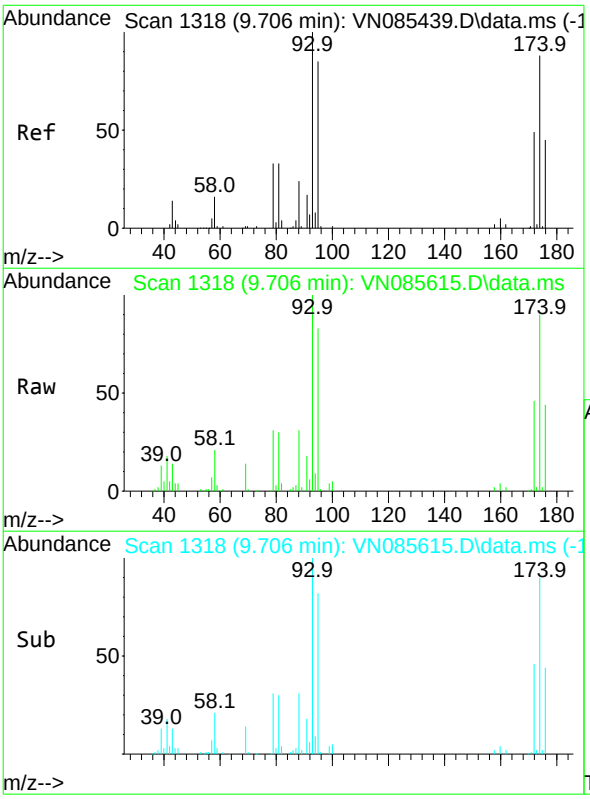
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

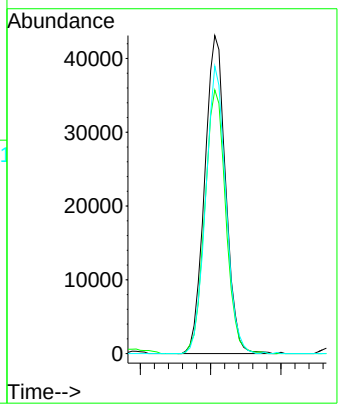


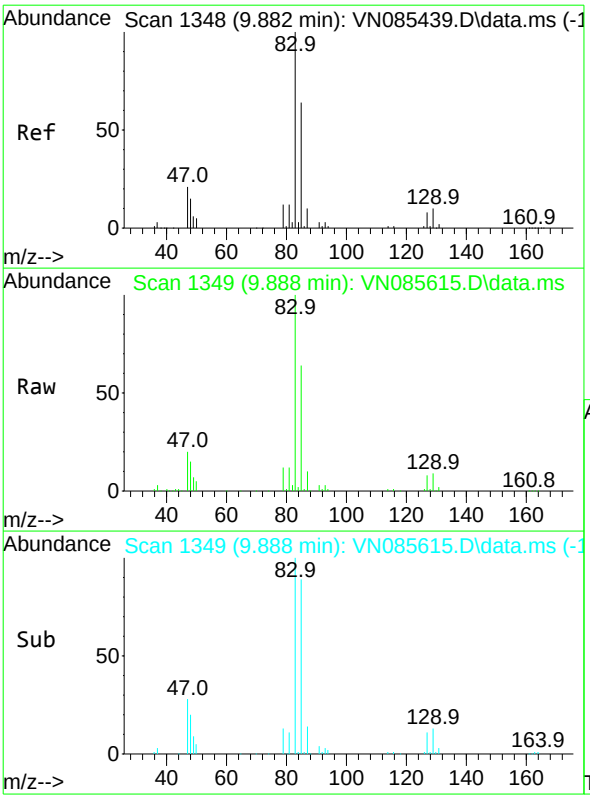


#46
Dibromomethane
Concen: 53.196 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 93 Resp: 89145

Ion	Ratio	Lower	Upper
93	100		
95	82.9	64.7	97.1
174	87.2	69.0	103.4

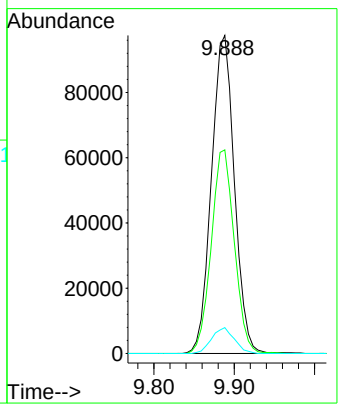




#47
Bromodichloromethane
Concen: 56.606 ug/l
RT: 9.888 min Scan# 13
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 83 Resp: 193257

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.1	6.5	9.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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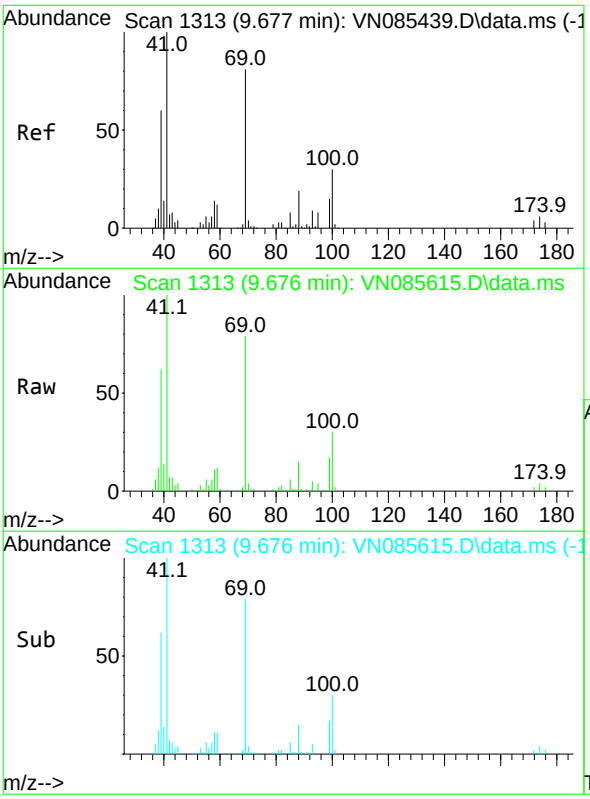
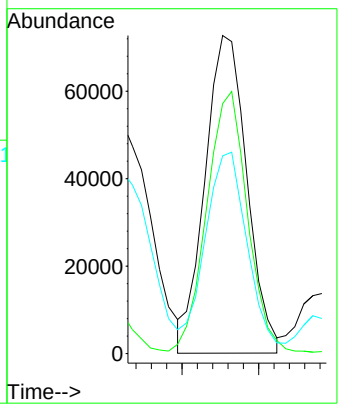
Supervised By :Semsettin Yesilyurt 02/03/2025

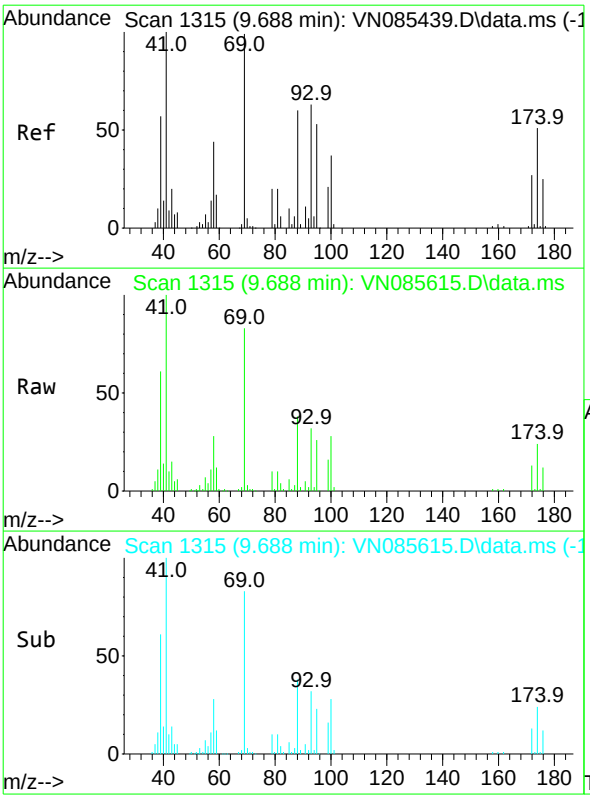


#48
Methyl methacrylate
Concen: 62.594 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 41 Resp: 137864

Ion	Ratio	Lower	Upper
41	100		
69	81.0	64.7	97.1
39	64.6	49.0	73.6





#49
1,4-Dioxane
Concen: 1223.010 ug/l
RT: 9.688 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 88 Resp: 45361

Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.6	39.8
58	74.3	59.5	89.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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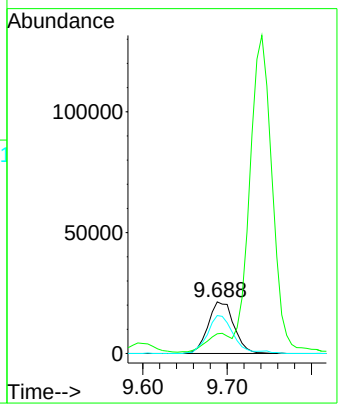
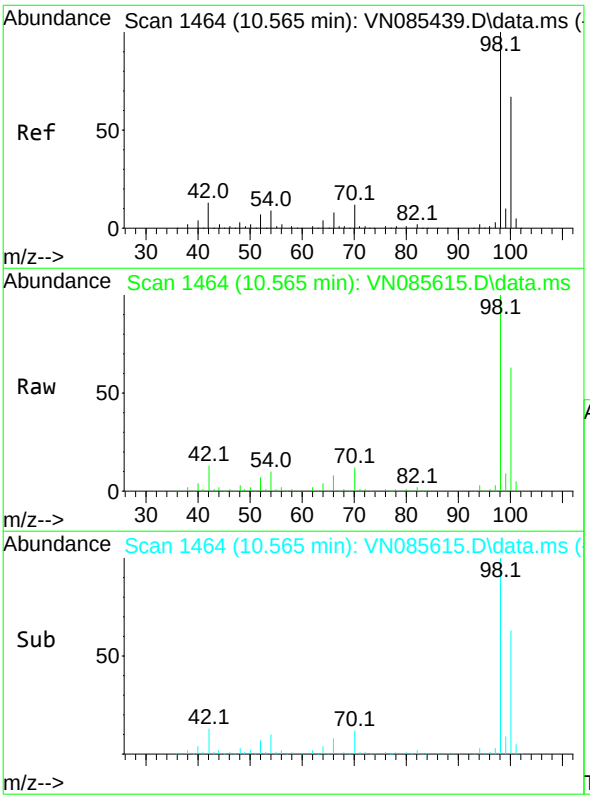
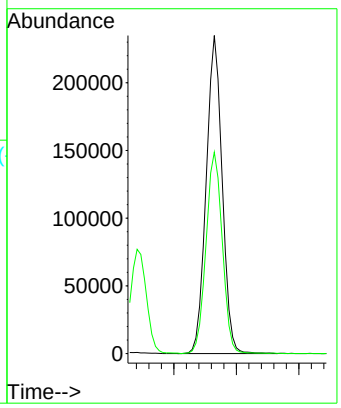


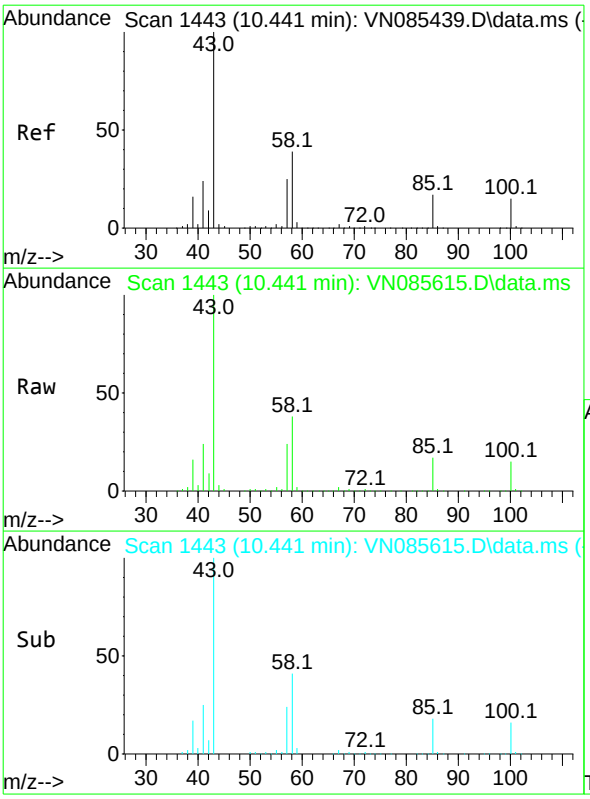


#50
Toluene-d8
Concen: 54.383 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 98 Resp: 416612

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4

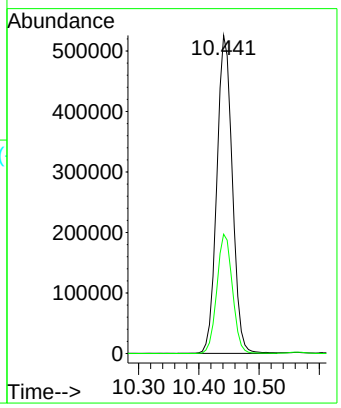




#51
4-Methyl-2-Pentanone
Concen: 330.417 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 938393

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.5	45.7



Instrument :
MSVOA_N
ClientSampleId :
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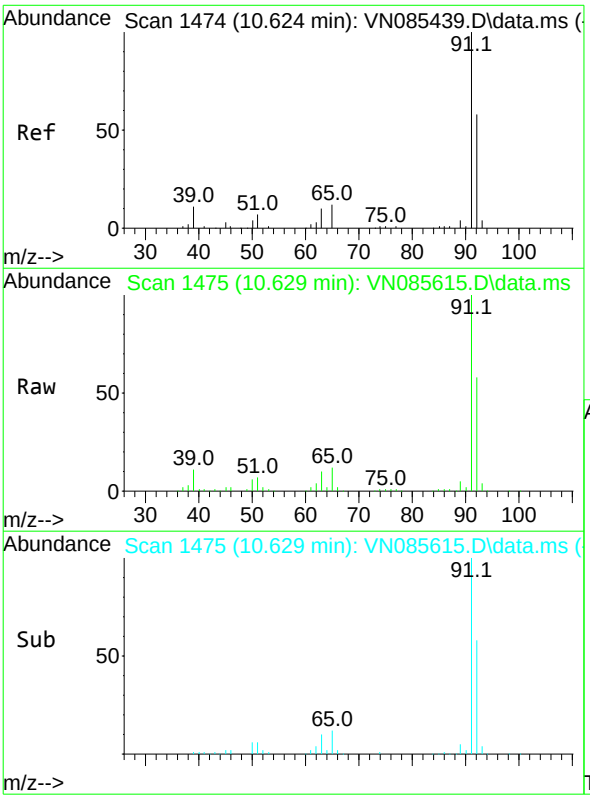
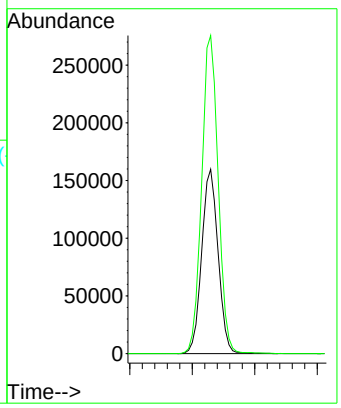
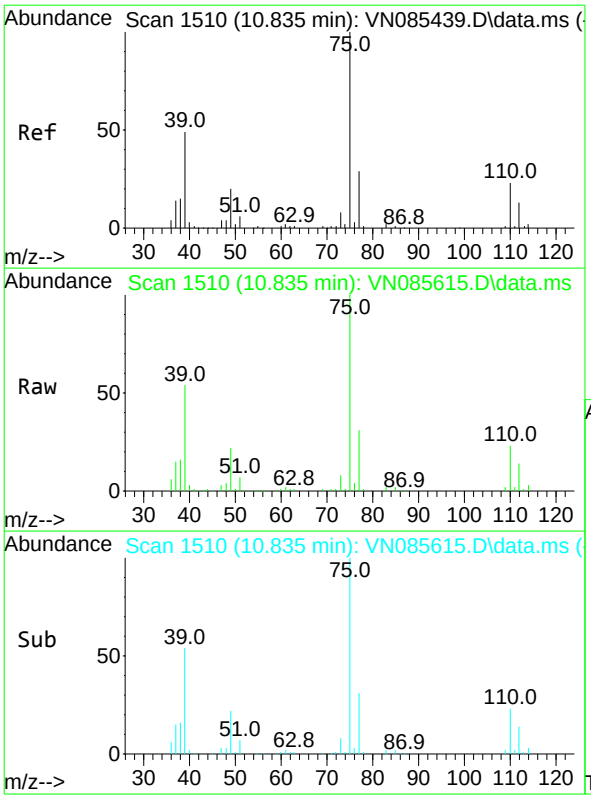


#52
Toluene
Concen: 55.132 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 92 Resp: 290451

Ion	Ratio	Lower	Upper
92	100		
91	173.6	139.2	208.8





#53
t-1,3-Dichloropropene
Concen: 55.114 ug/l
RT: 10.835 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 75 Resp: 177819

Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.5	35.3

Instrument :
MSVOA_N
ClientSampleId :
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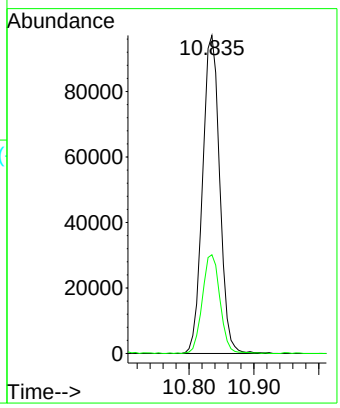
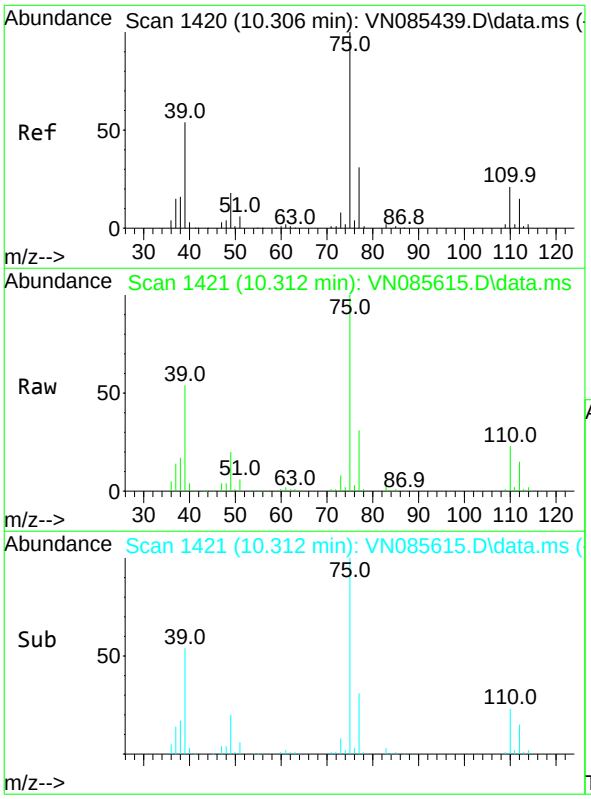
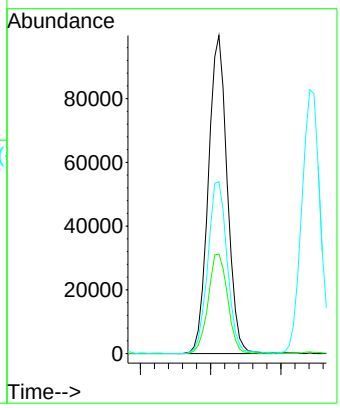


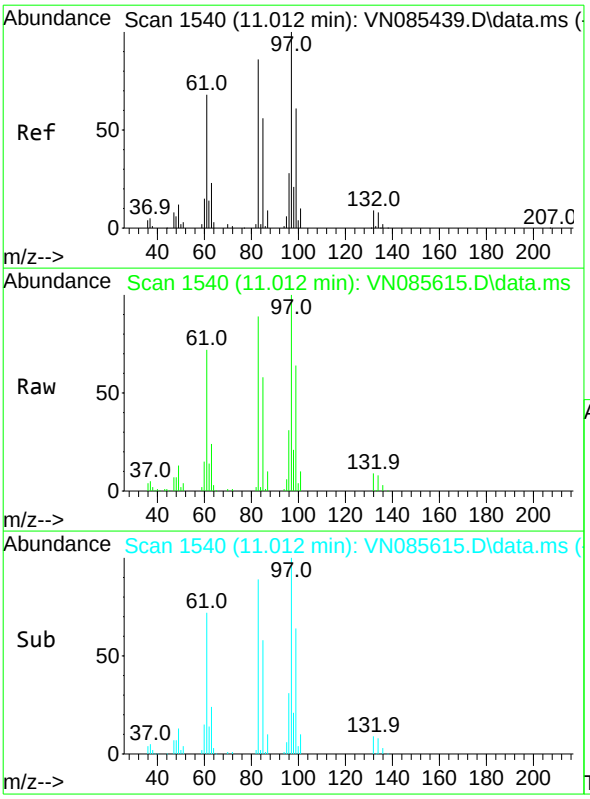


#54
cis-1,3-Dichloropropene
Concen: 54.029 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 75 Resp: 186200

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4
39	54.1	43.1	64.7

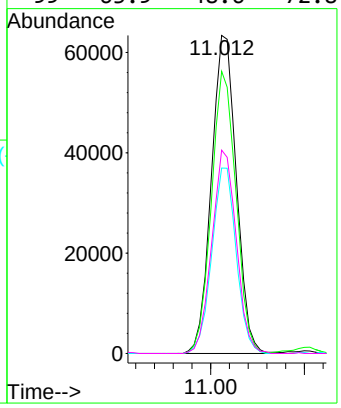




#55
1,1,2-Trichloroethane
Concen: 56.347 ug/l
RT: 11.012 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 97 Resp: 117478

Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.0	103.6
85	58.3	44.6	66.8
99	63.9	48.6	72.8



Instrument :
MSVOA_N
ClientSampleId :
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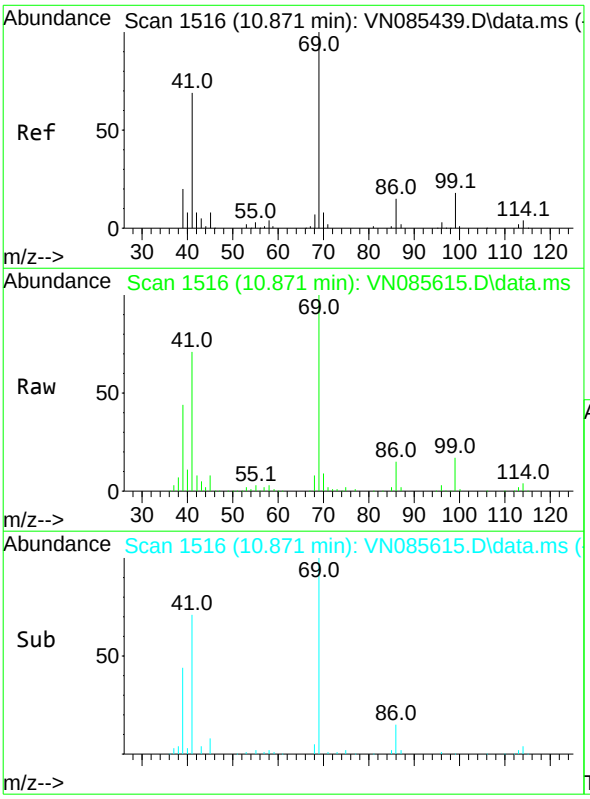
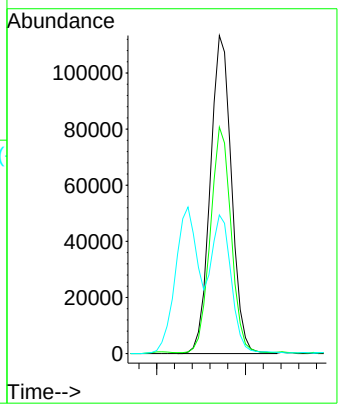
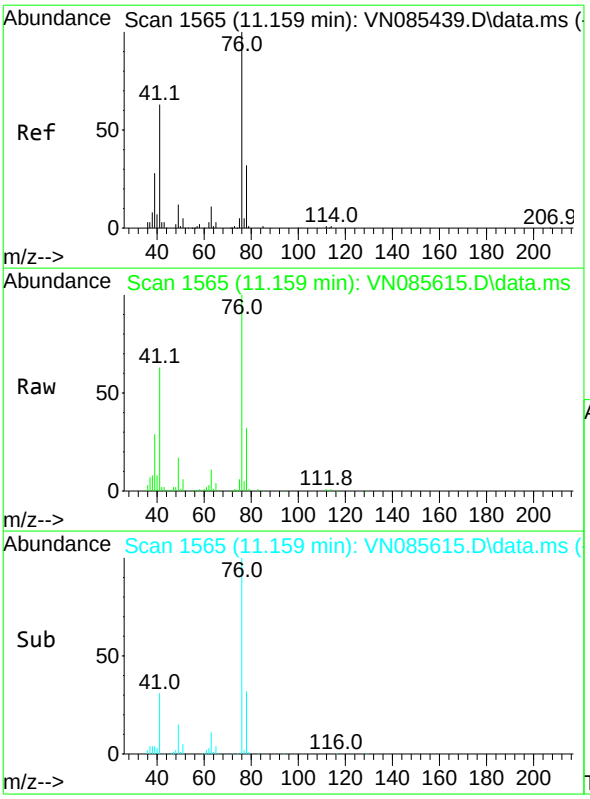


#56
Ethyl methacrylate
Concen: 53.497 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 69 Resp: 188384

Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.6	82.0
39	41.8	32.4	48.6

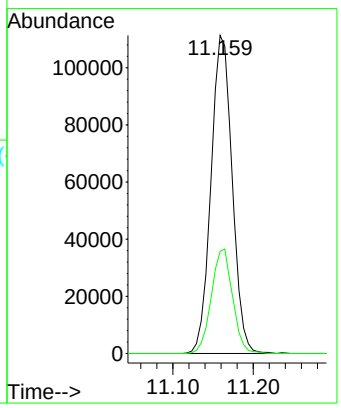




#57
1,3-Dichloropropane
Concen: 56.239 ug/l
RT: 11.159 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 76 Resp: 203880

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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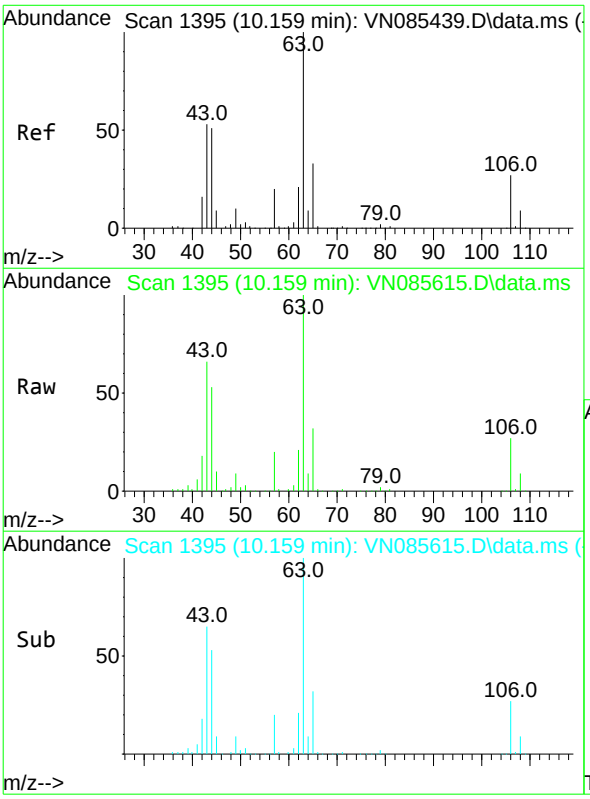
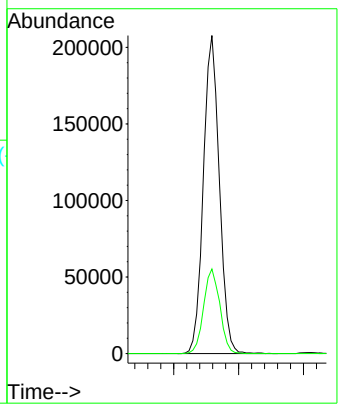
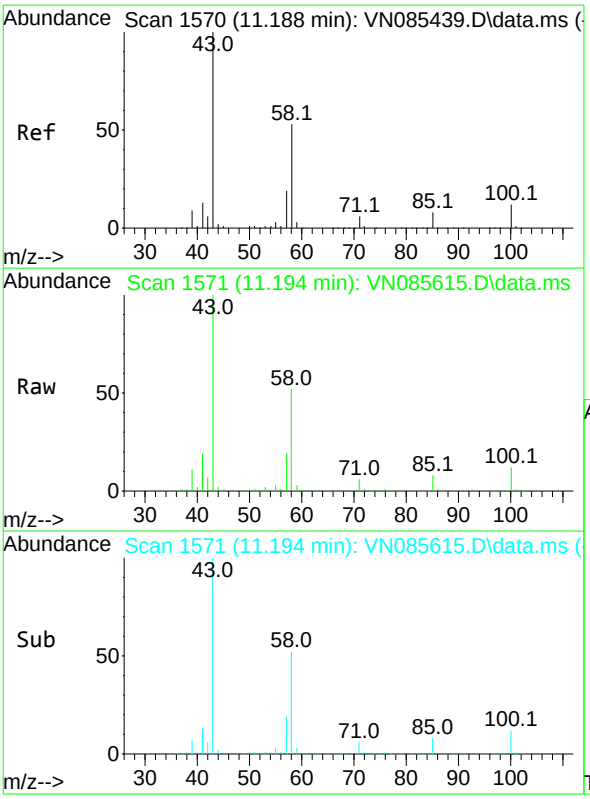


#58
2-Chloroethyl Vinyl ether
Concen: 268.153 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 63 Resp: 354786

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.6	32.4





#59
2-Hexanone
Concen: 345.422 ug/l
RT: 11.194 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 690267

Ion	Ratio	Lower	Upper
43	100		
58	51.9	26.2	78.6

Instrument :
MSVOA_N
ClientSampleId :
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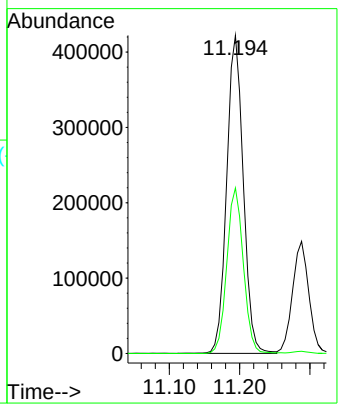
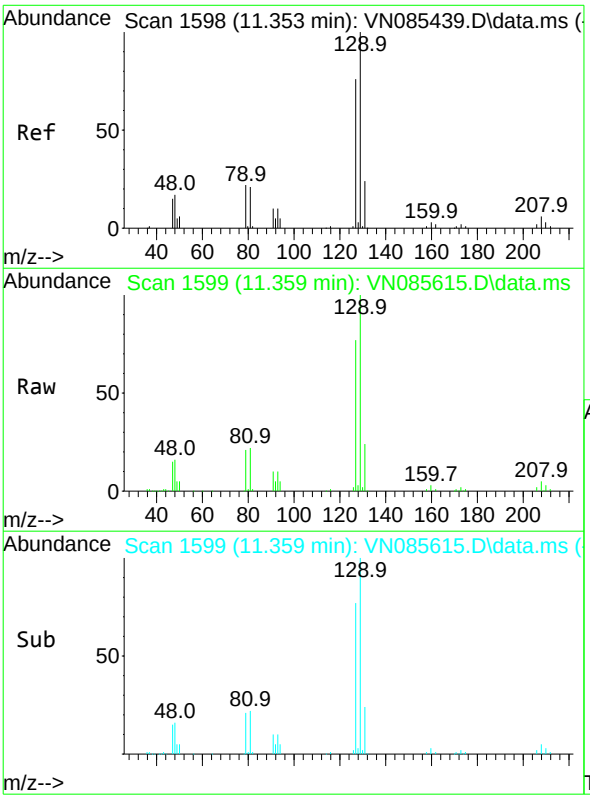
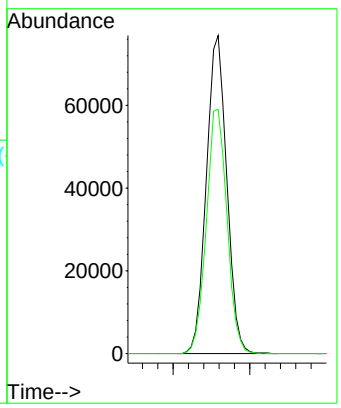


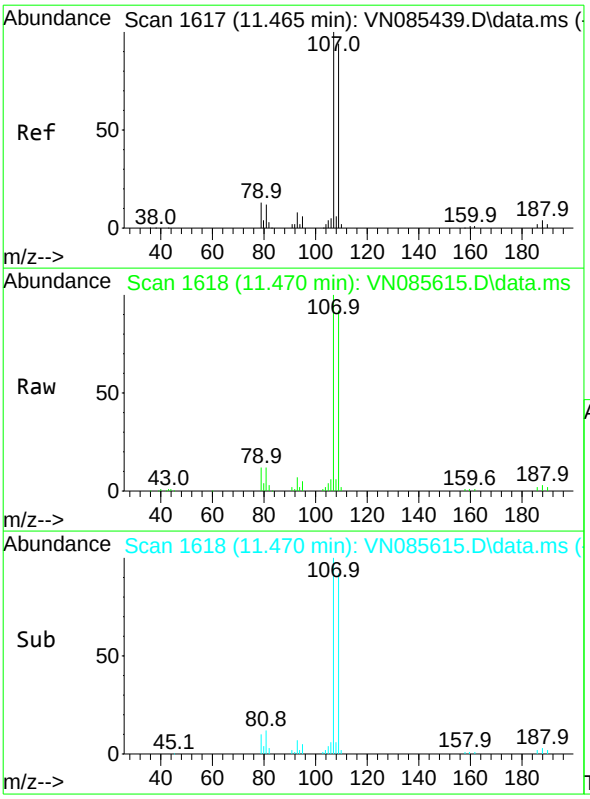


#60
Dibromochloromethane
Concen: 56.398 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:129 Resp: 141958

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	115.8

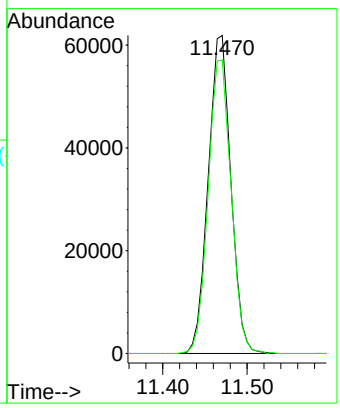




#61
1,2-Dibromoethane
Concen: 55.665 ug/l
RT: 11.470 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:107 Resp: 115524

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.9	113.9



Instrument :
MSVOA_N
ClientSampleId :
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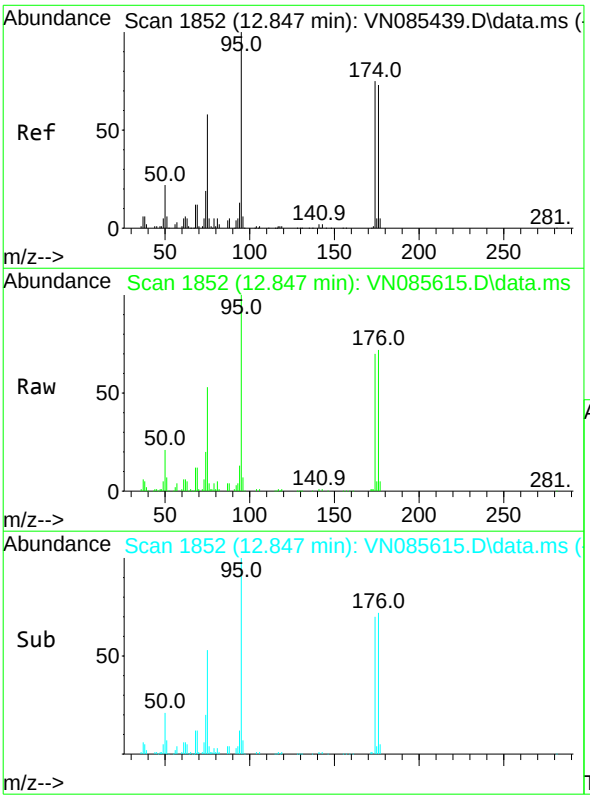
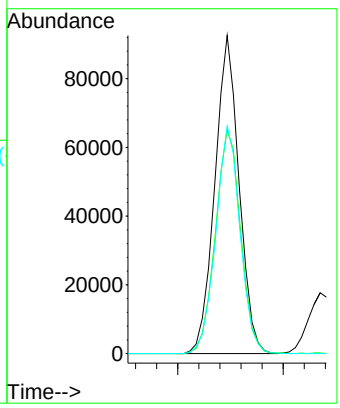
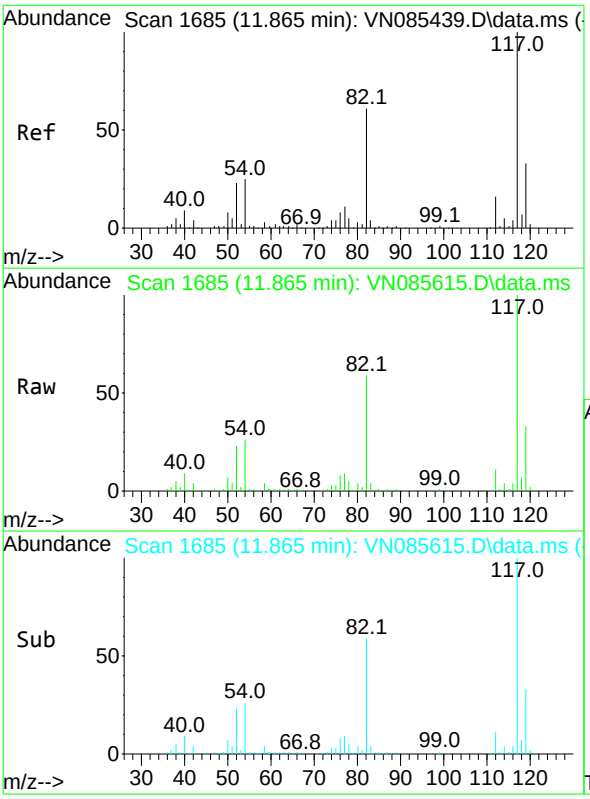


#62
4-Bromofluorobenzene
Concen: 56.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 95 Resp: 147397

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	145.0
176	71.5	0.0	142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 273587

Ion	Ratio	Lower	Upper
117	100		
82	58.9	48.6	72.8
119	32.6	26.6	39.8

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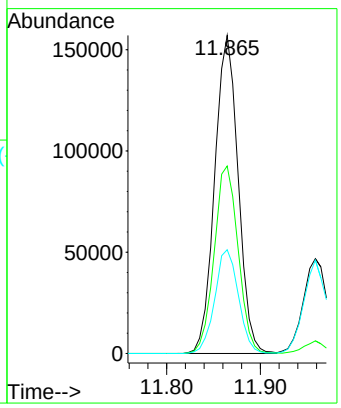
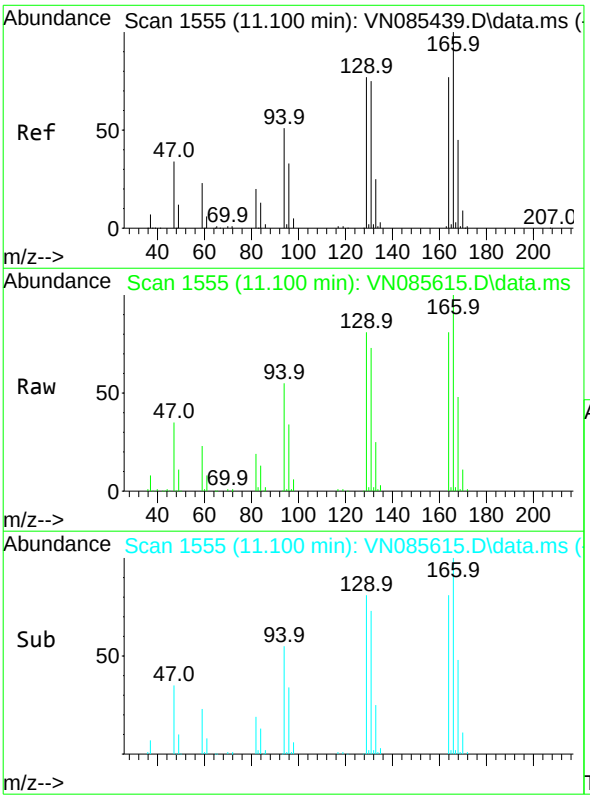
Supervised By :Semsettin Yesilyurt 02/03/2025

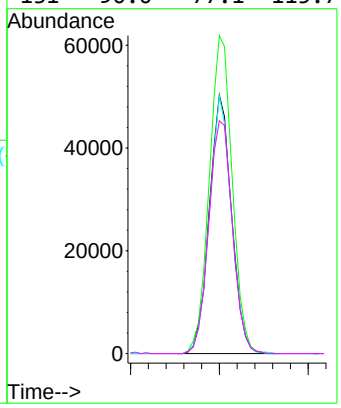


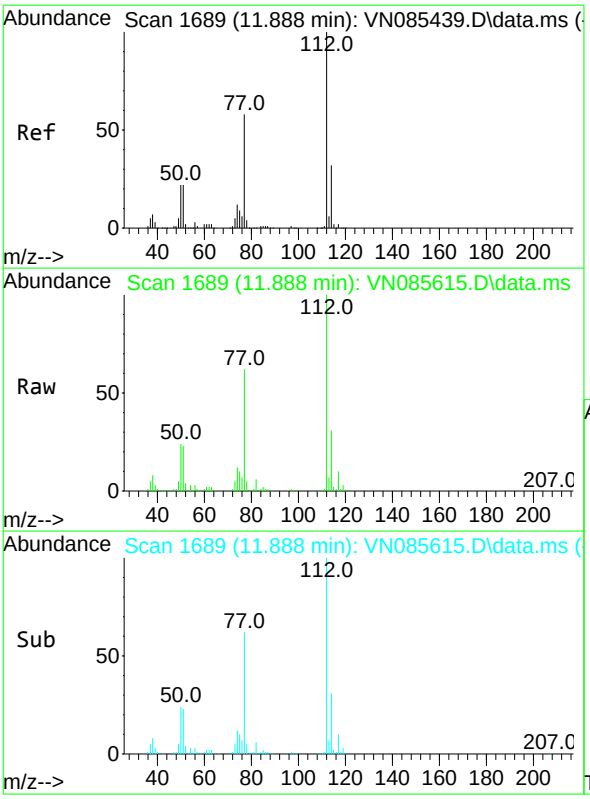


#64
Tetrachloroethene
Concen: 47.100 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:164 Resp: 87849

Ion	Ratio	Lower	Upper
164	100		
166	122.9	103.4	155.2
129	99.5	79.2	118.8
131	90.0	77.1	115.7

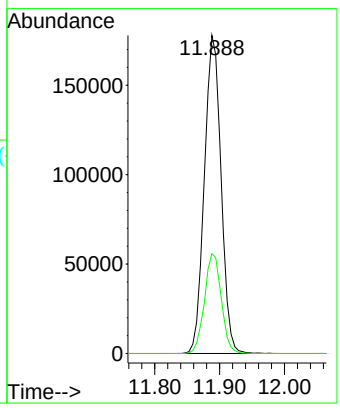




#65
Chlorobenzene
Concen: 53.050 ug/l
RT: 11.888 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:112 Resp: 317949

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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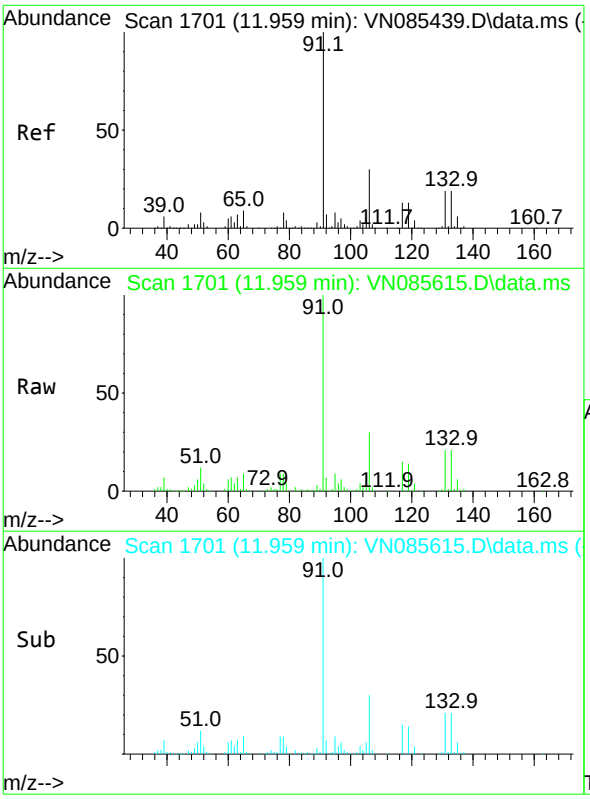
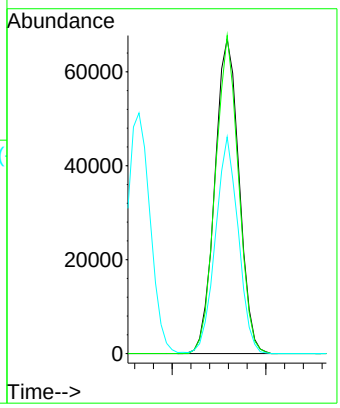
Supervised By :Semsettin Yesilyurt 02/03/2025

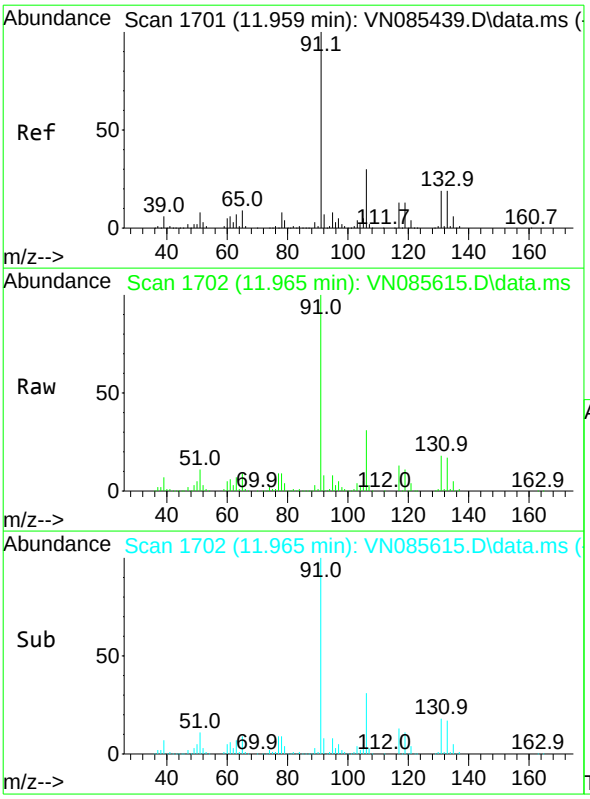


#66
1,1,1,2-Tetrachloroethane
Concen: 54.843 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:131 Resp: 120637

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.4	142.3
119	64.8	33.1	99.5

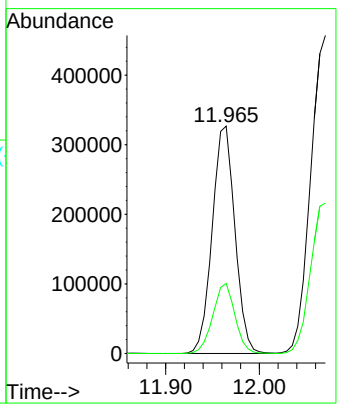




#67
Ethyl Benzene
Concen: 56.421 ug/l
RT: 11.965 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 91 Resp: 550760

Ion	Ratio	Lower	Upper
91	100		
106	30.8	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
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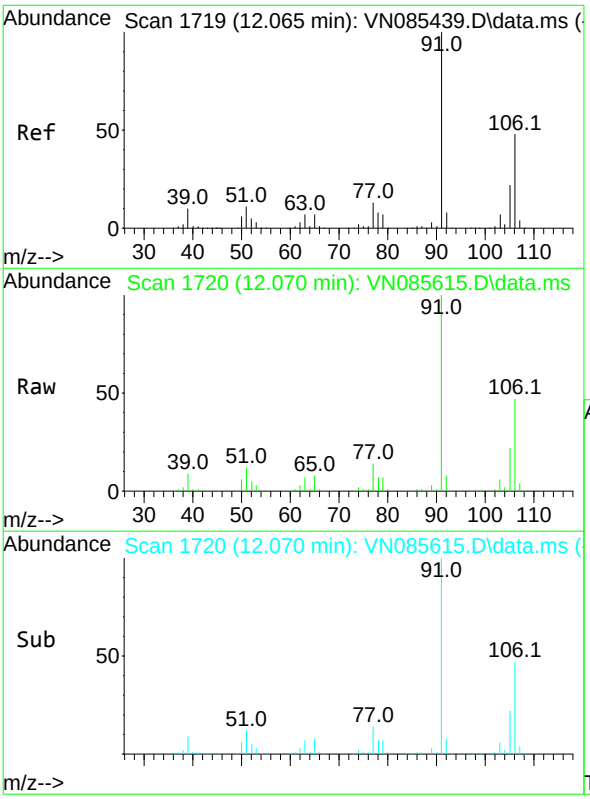
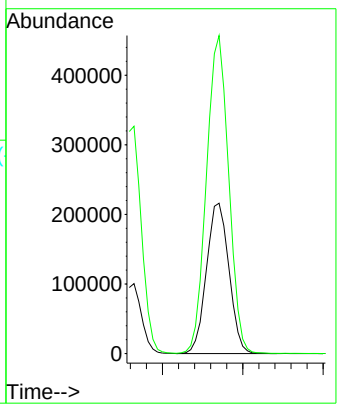
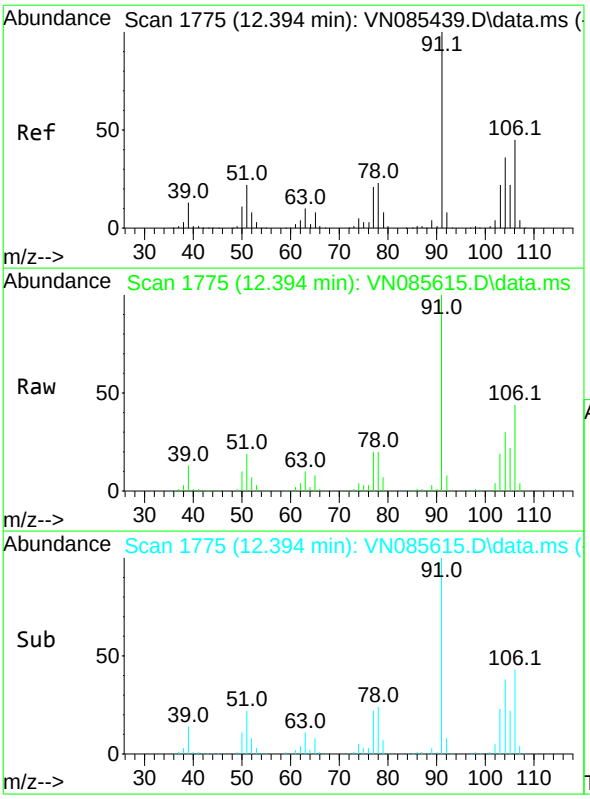


#68
m/p-Xylenes
Concen: 116.667 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:106 Resp: 420906

Ion	Ratio	Lower	Upper
106	100		
91	208.1	167.7	251.5





#69
o-Xylene
Concen: 57.262 ug/l
RT: 12.394 min Scan# 17
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:106 Resp: 197427

Ion	Ratio	Lower	Upper
106	100		
91	225.8	110.4	331.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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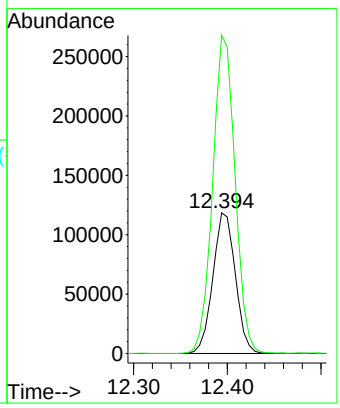
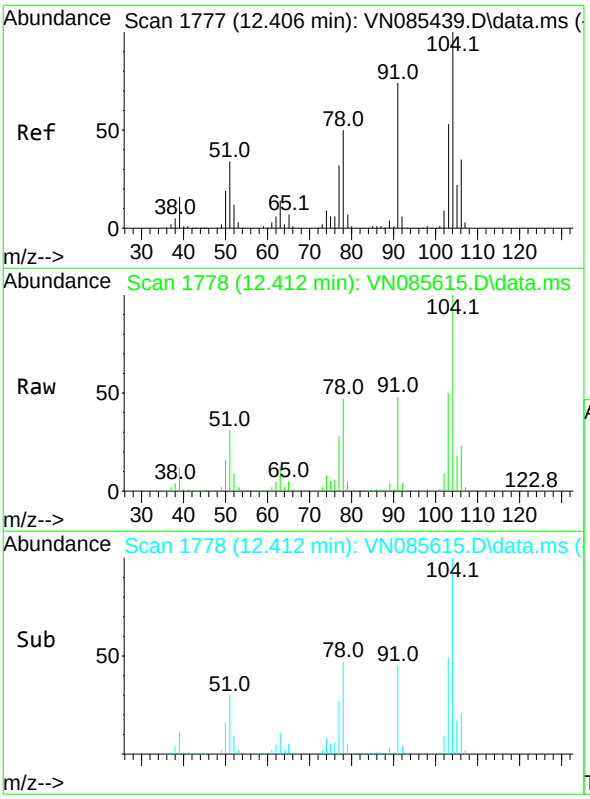
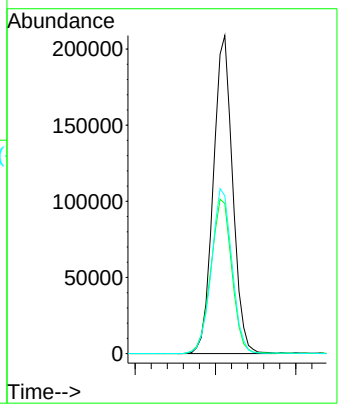


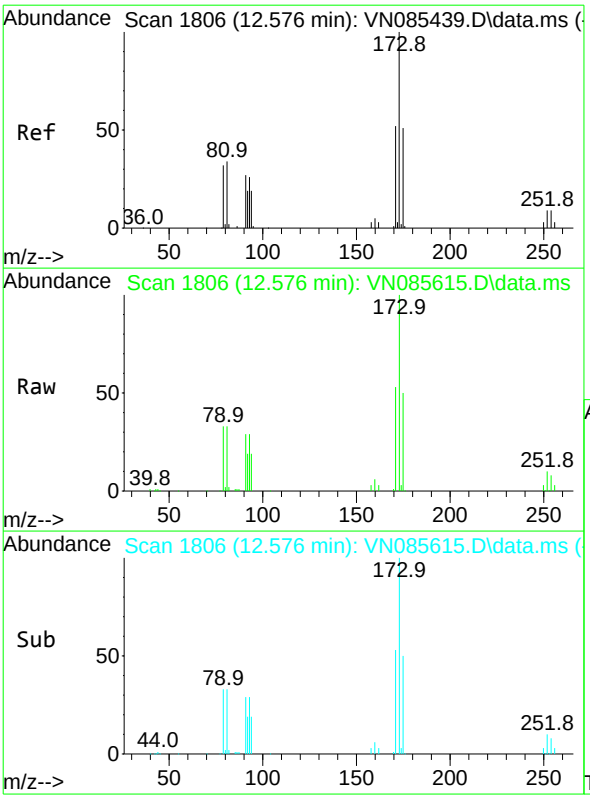


#70
Styrene
Concen: 61.312 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:104 Resp: 349850

Ion	Ratio	Lower	Upper
104	100		
78	52.7	42.5	63.7
103	54.9	43.8	65.8

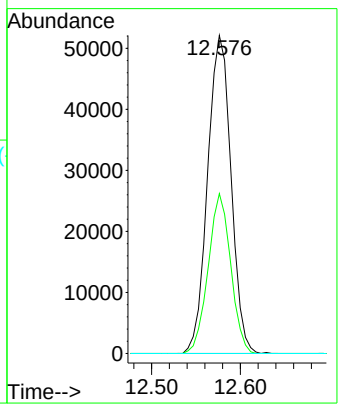




#71
Bromoform
Concen: 60.667 ug/l
RT: 12.576 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:173 Resp: 95484

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.2
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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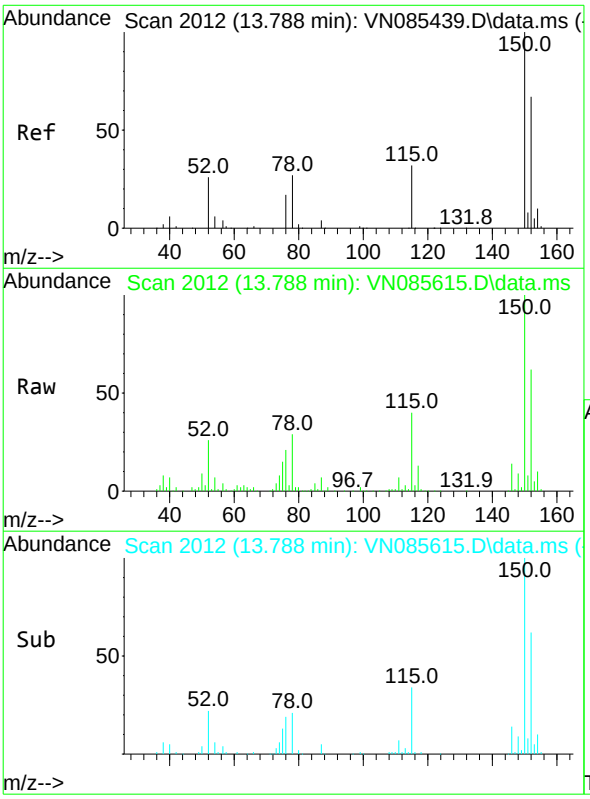
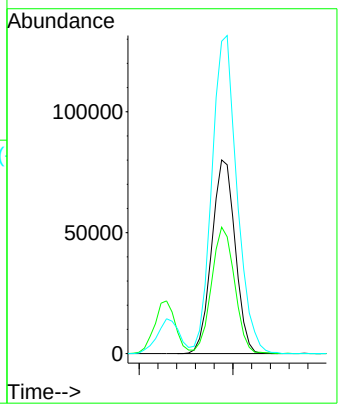
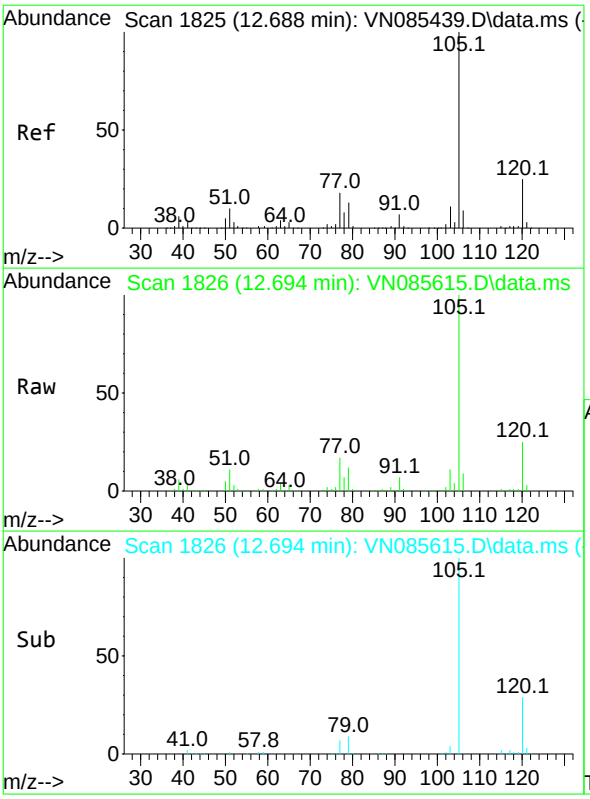


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:152 Resp: 138990

Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.1	93.3
150	176.0	0.0	343.6

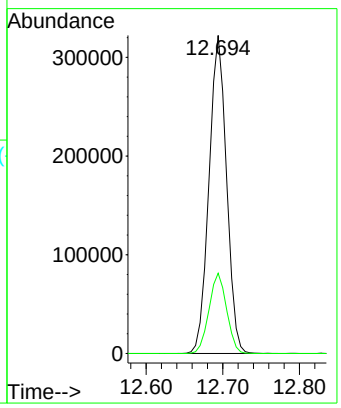




#73
Isopropylbenzene
Concen: 54.493 ug/l
RT: 12.694 min Scan# 18
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:105 Resp: 511179

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.3



Instrument :
MSVOA_N
ClientSampleId :
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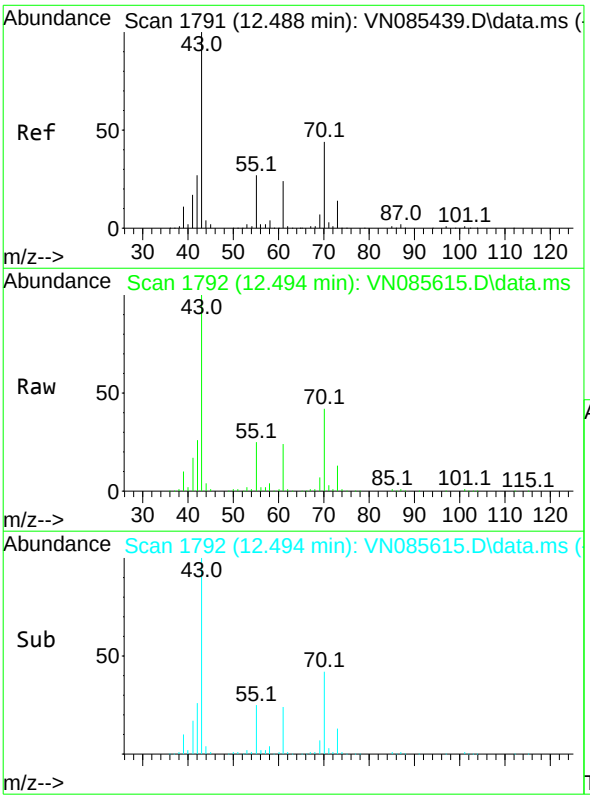
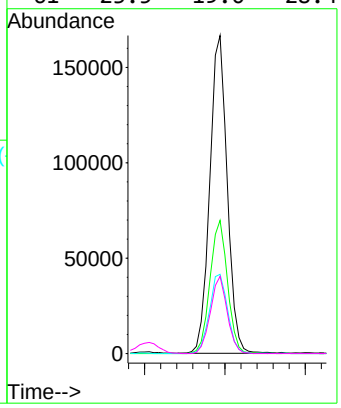
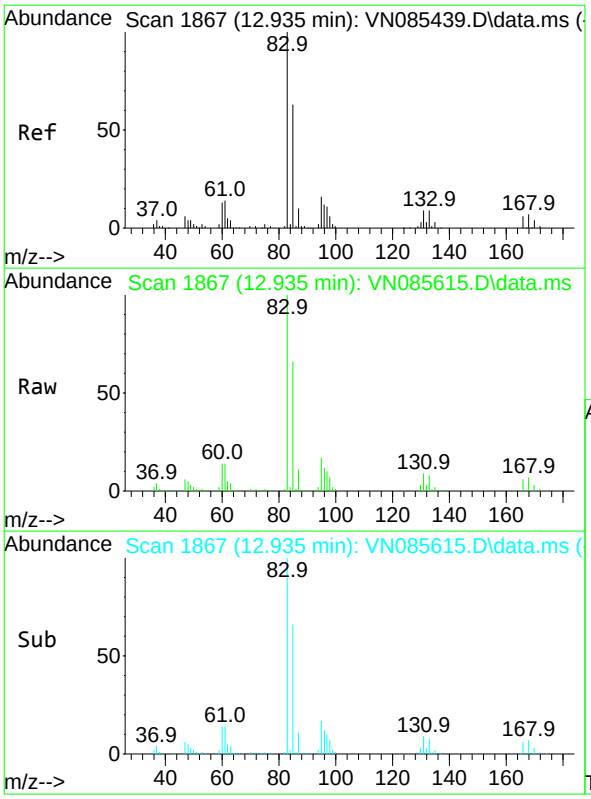


#74
N-amyl acetate
Concen: 59.490 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 43 Resp: 250834

Ion	Ratio	Lower	Upper
43	100		
70	42.0	34.0	51.0
55	26.0	21.4	32.2
61	23.5	19.0	28.4

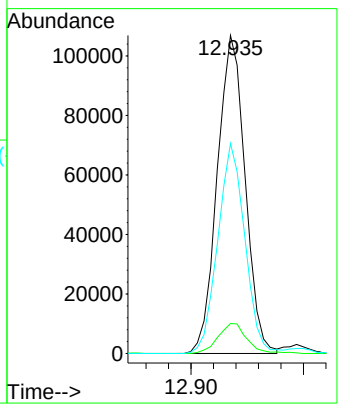




#75
1,1,2,2-Tetrachloroethane
Concen: 55.475 ug/l
RT: 12.935 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 83 Resp: 183825

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	64.1	32.2	96.6



Instrument :
MSVOA_N
ClientSampleId :
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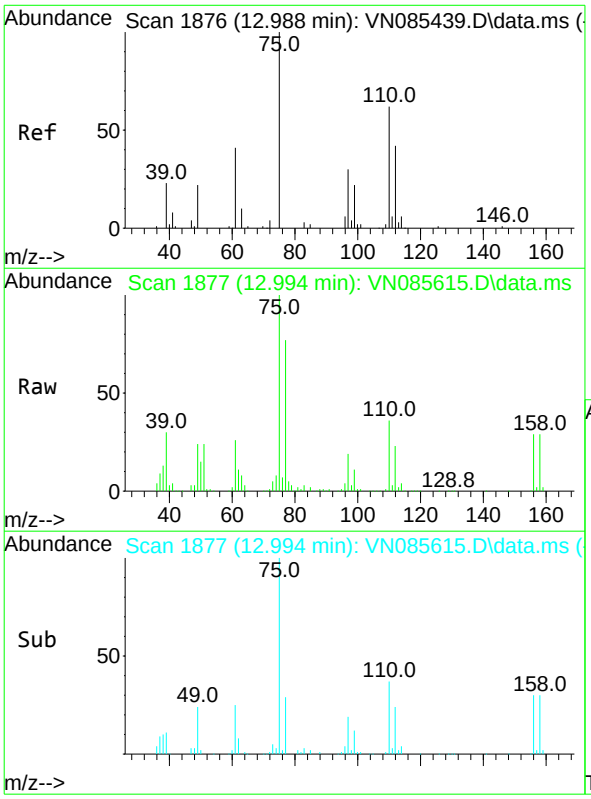
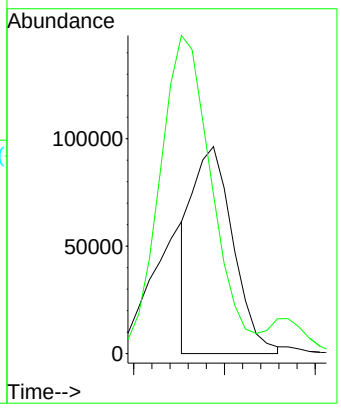
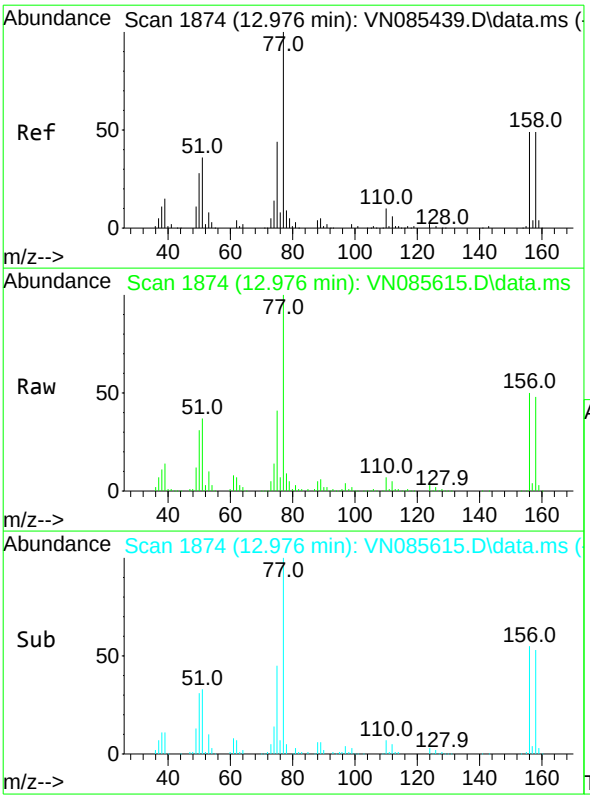


#76
1,2,3-Trichloropropane
Concen: 53.424 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 75 Resp: 150923

Ion	Ratio	Lower	Upper
75	100		
77	196.0	109.7	329.2

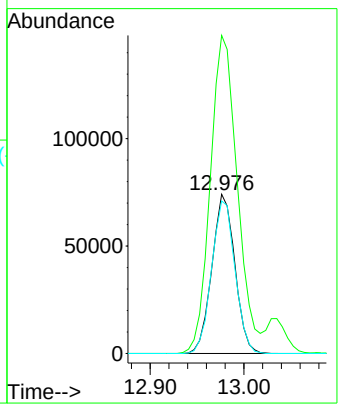




#77
Bromobenzene
Concen: 51.456 ug/l
RT: 12.976 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:156 Resp: 126109

Ion	Ratio	Lower	Upper
156	100		
77	234.5	114.1	342.4
158	97.6	48.9	146.8



Instrument :
MSVOA_N
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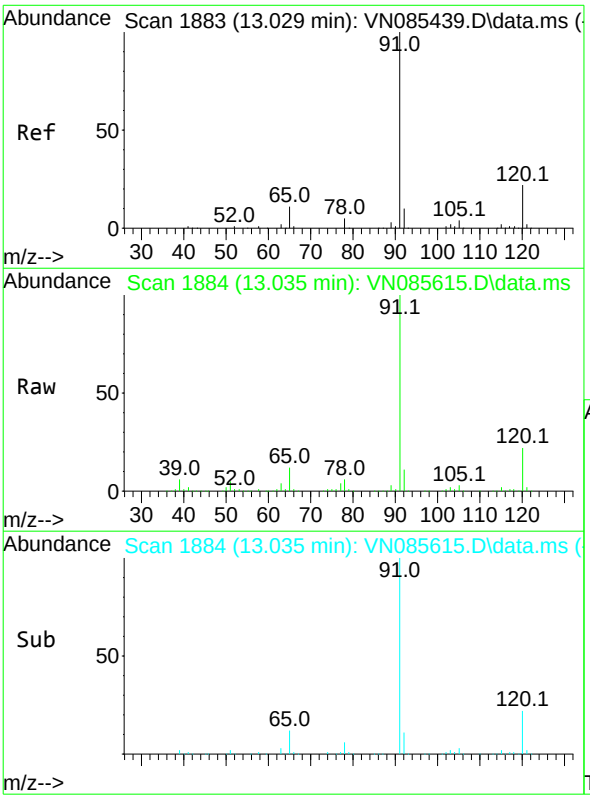
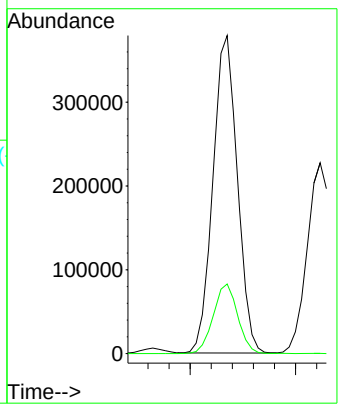
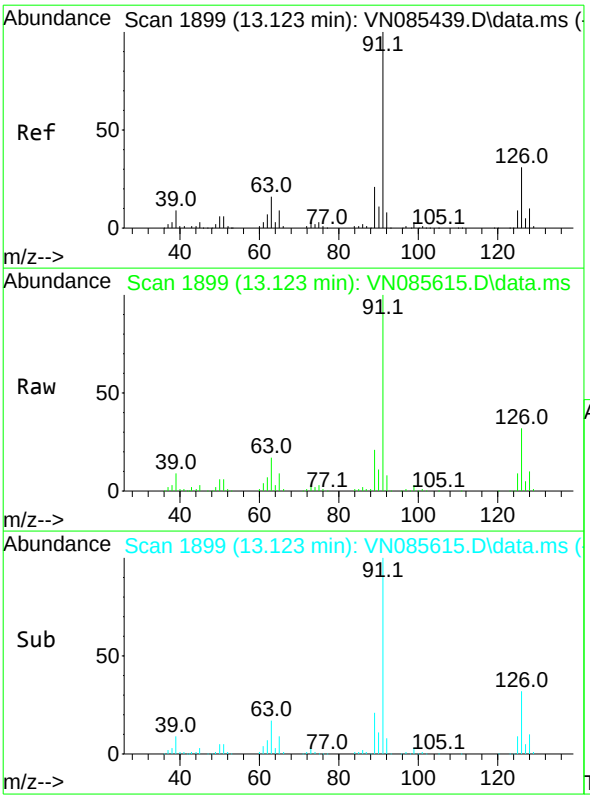


#78
n-propylbenzene
Concen: 54.824 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 91 Resp: 608832

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.6





#79
2-Chlorotoluene
Concen: 53.178 ug/l
RT: 13.123 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 91 Resp: 382202

Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.7	47.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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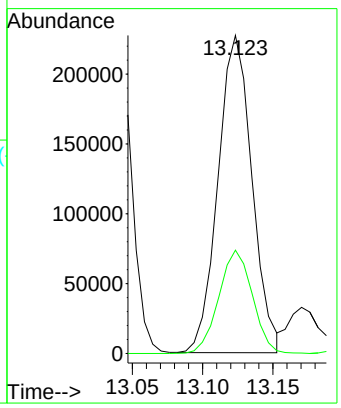
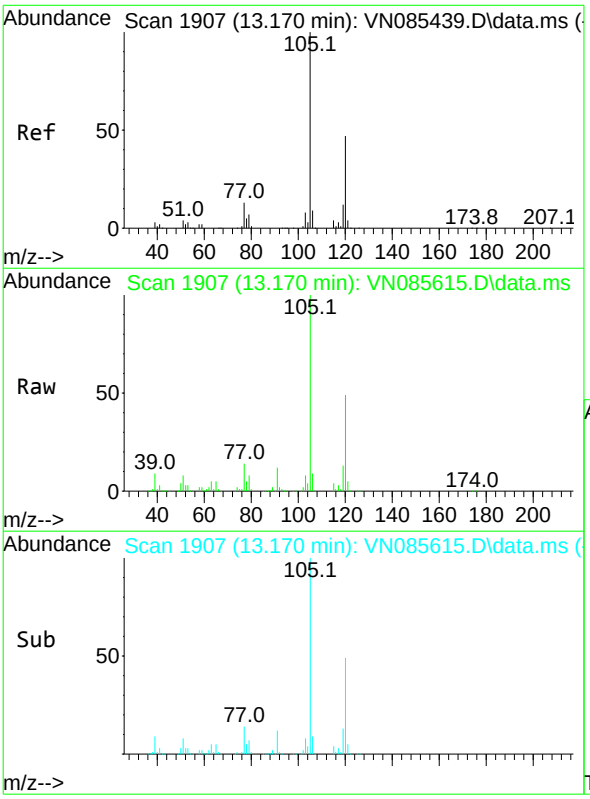
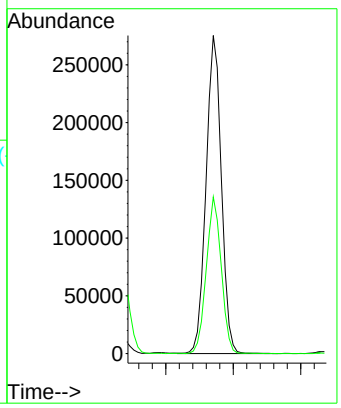


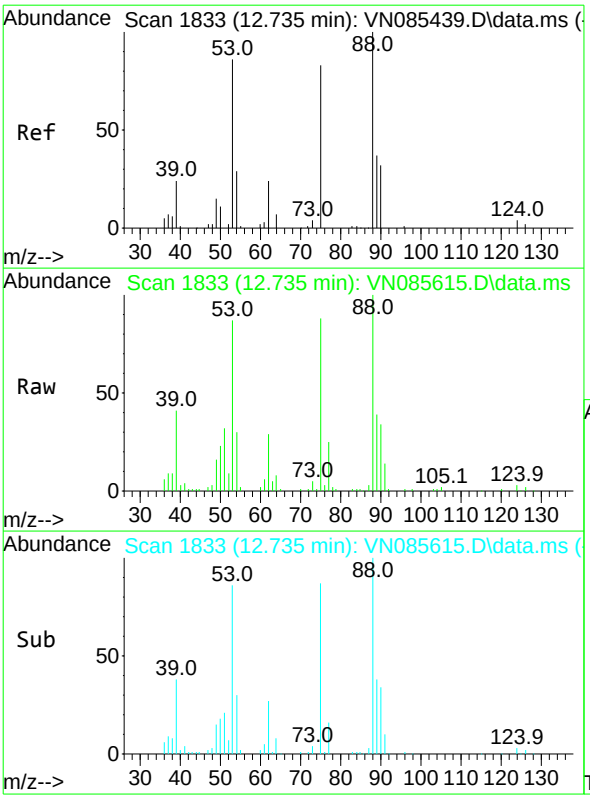


#80
1,3,5-Trimethylbenzene
Concen: 55.967 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:105 Resp: 433661

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.899 ug/l
RT: 12.735 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 75 Resp: 59411

Ion	Ratio	Lower	Upper
75	100		
53	115.6	95.6	143.4
89	46.1	37.0	55.6

Instrument :
MSVOA_N
ClientSampleId :
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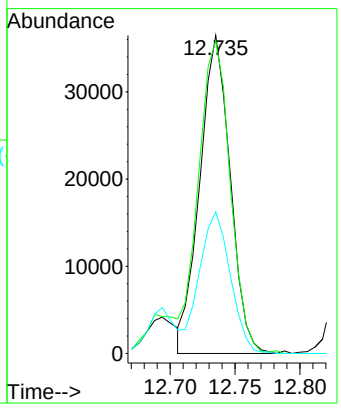
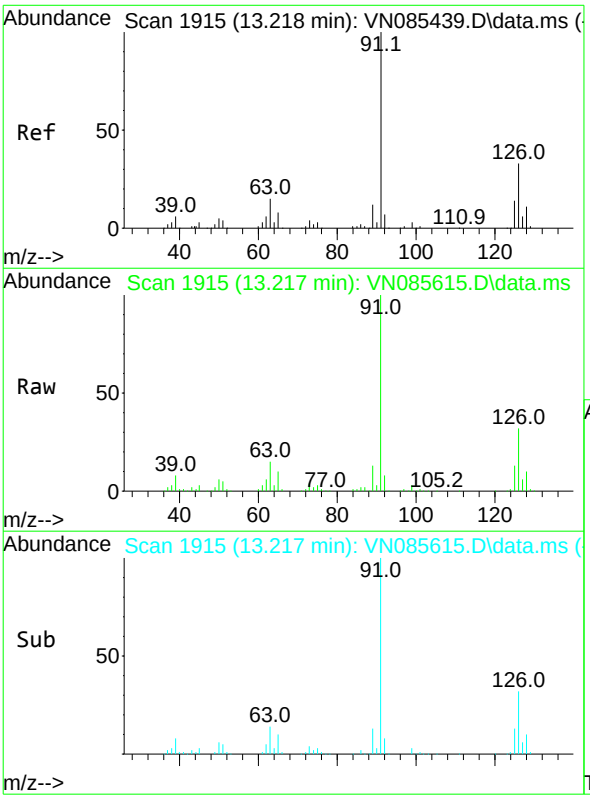
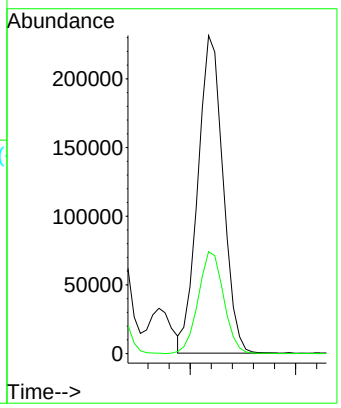


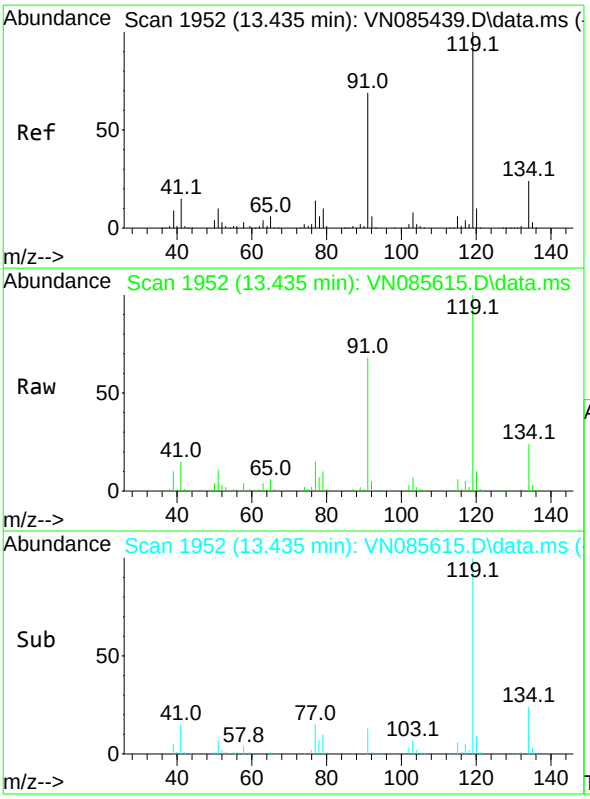


#82
4-Chlorotoluene
Concen: 53.528 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 91 Resp: 383054

Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.9	47.7

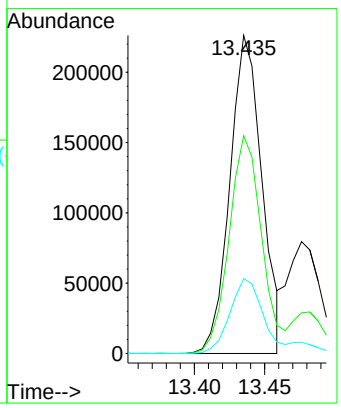




#83
tert-Butylbenzene
Concen: 55.058 ug/l
RT: 13.435 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:119 Resp: 358257

Ion	Ratio	Lower	Upper
119	100		
91	69.9	35.1	105.3
134	24.1	12.0	36.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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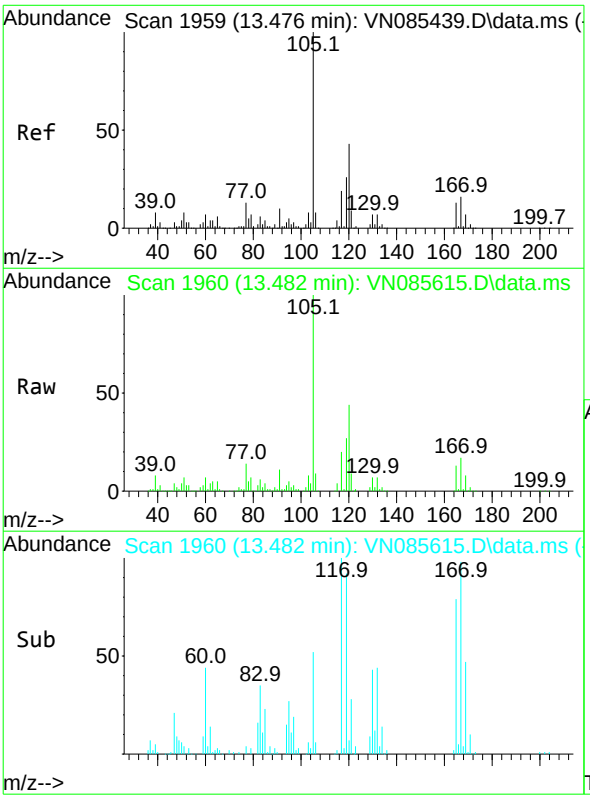
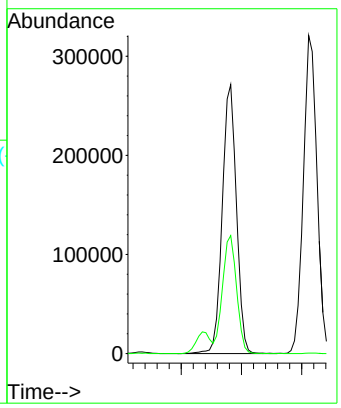
Supervised By :Semsettin Yesilyurt 02/03/2025

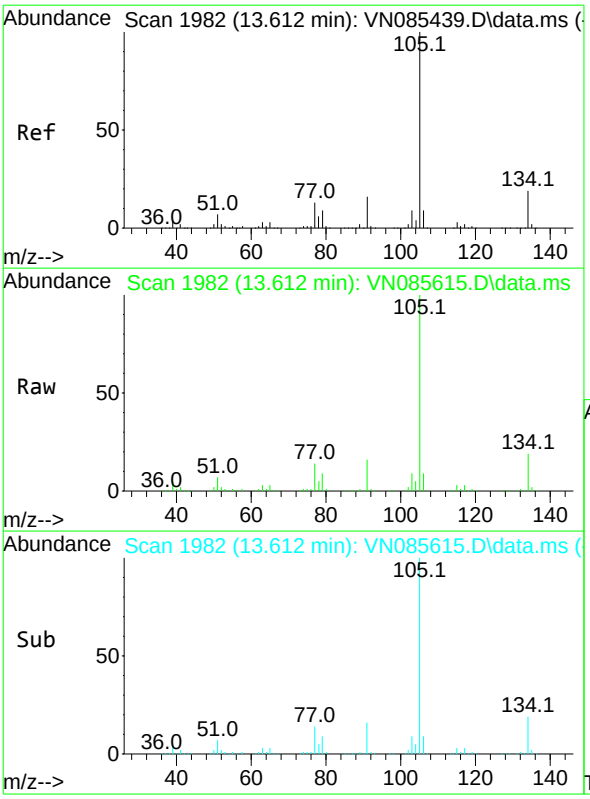


#84
1,2,4-Trimethylbenzene
Concen: 57.364 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:105 Resp: 443007

Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.6	65.0

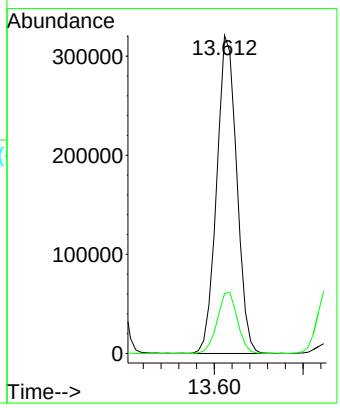




#85
sec-Butylbenzene
Concen: 55.898 ug/l
RT: 13.612 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:105 Resp: 504116

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



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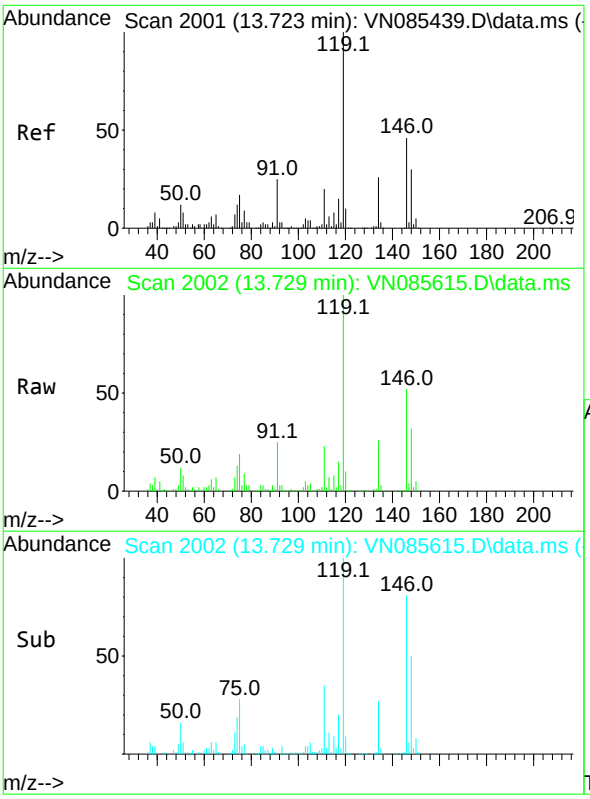
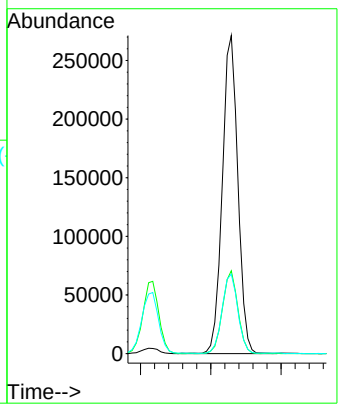
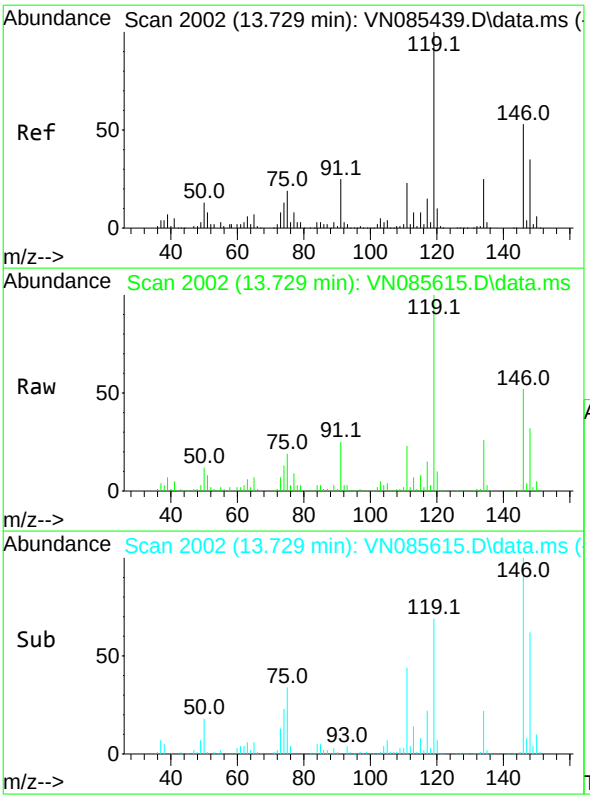


#86
p-Isopropyltoluene
Concen: 51.127 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:119 Resp: 416356

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	25.2	12.7	38.1

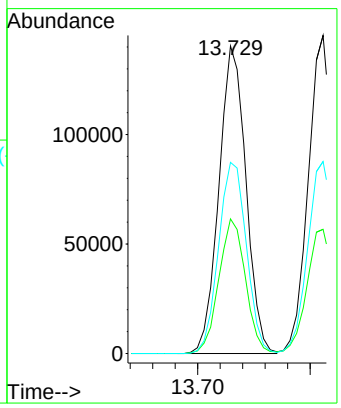




#87
1,3-Dichlorobenzene
Concen: 51.982 ug/l
RT: 13.729 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:146 Resp: 234619

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	64.0	32.3	96.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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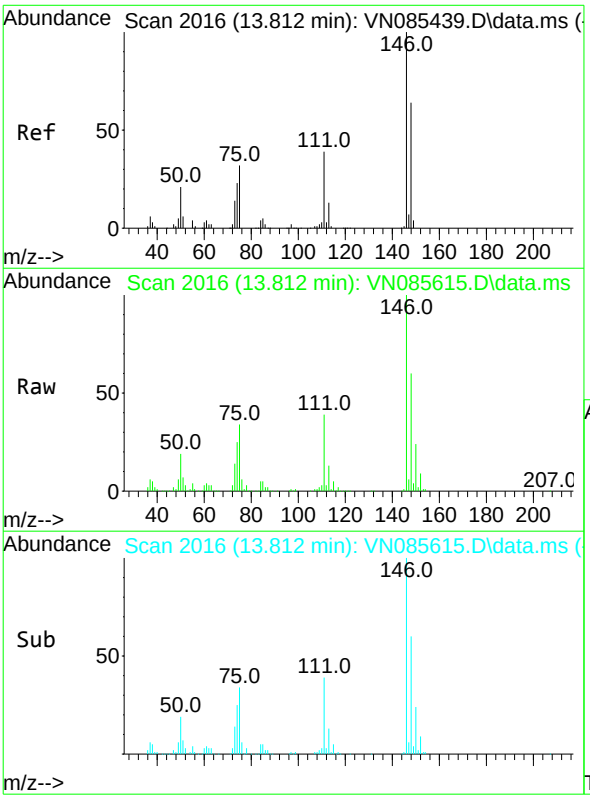
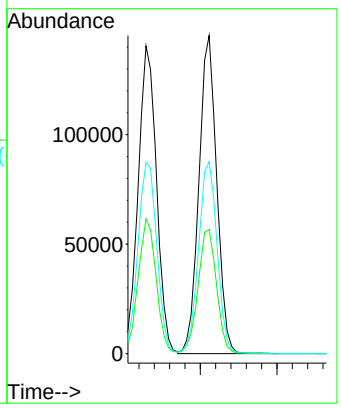
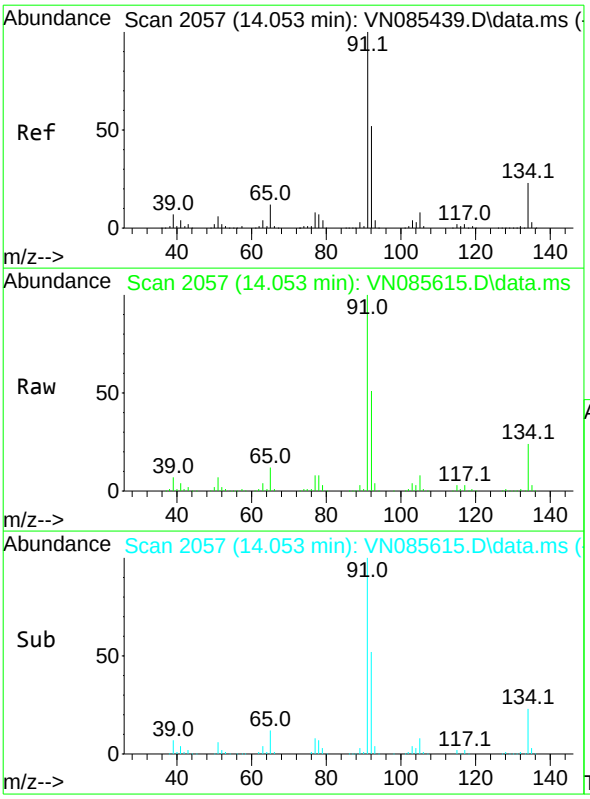


#88
1,4-Dichlorobenzene
Concen: 50.123 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:146 Resp: 234490

Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.3	63.7
148	63.0	32.4	97.0

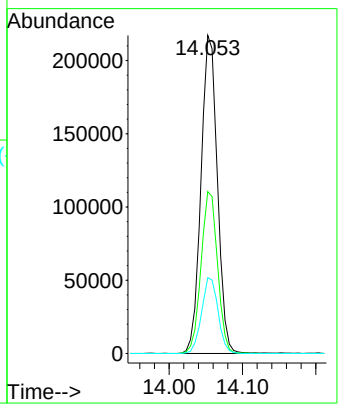




#89
n-Butylbenzene
Concen: 52.115 ug/l
RT: 14.053 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 91 Resp: 337176

Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.8	77.3
134	23.9	11.7	35.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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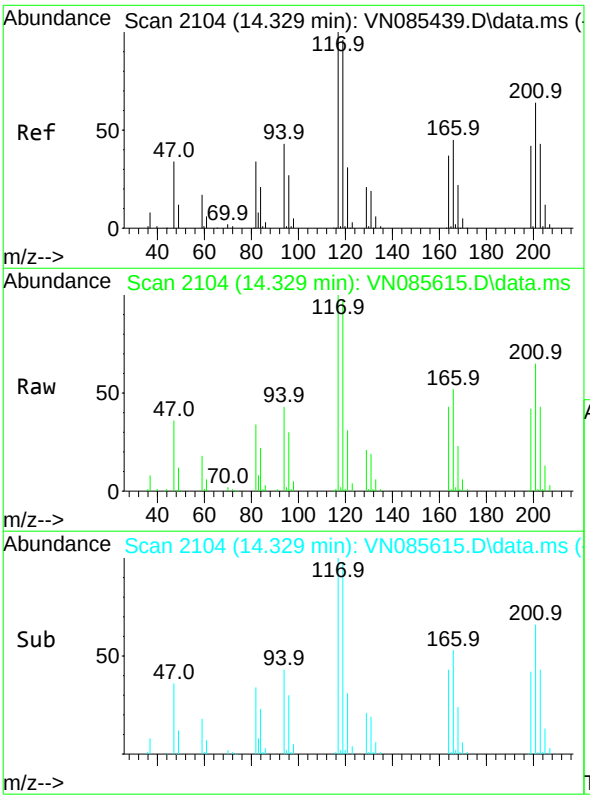
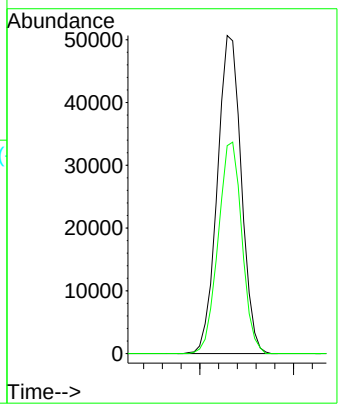
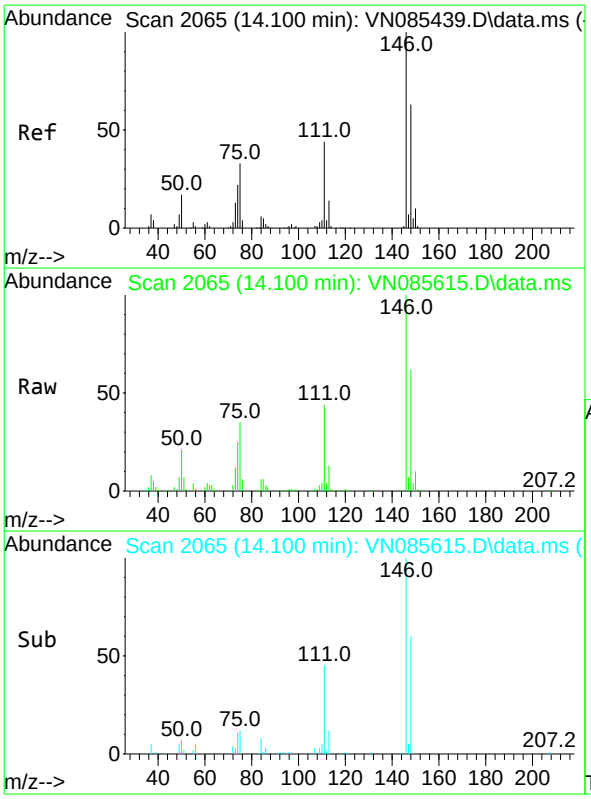


#90
Hexachloroethane
Concen: 52.504 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:117 Resp: 90142

Ion	Ratio	Lower	Upper
117	100		
201	65.9	33.7	101.0

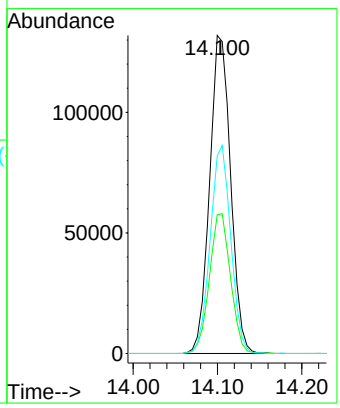




#91
1,2-Dichlorobenzene
Concen: 50.656 ug/l
RT: 14.100 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:146 Resp: 228059

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.7	65.1
148	64.4	31.4	94.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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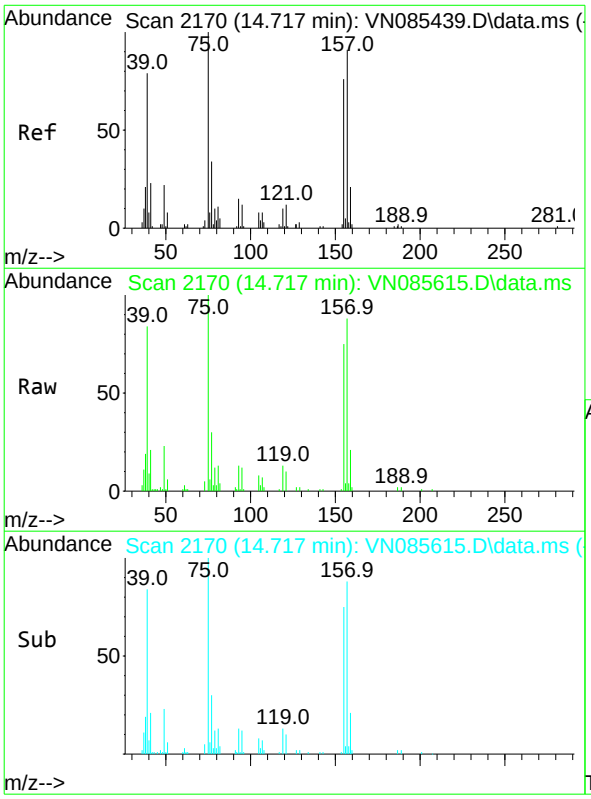
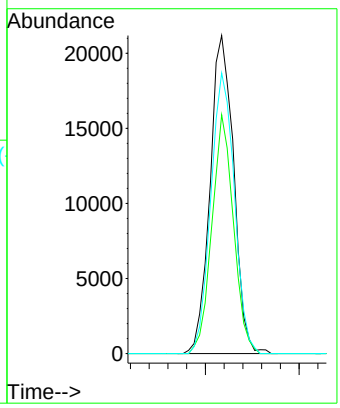
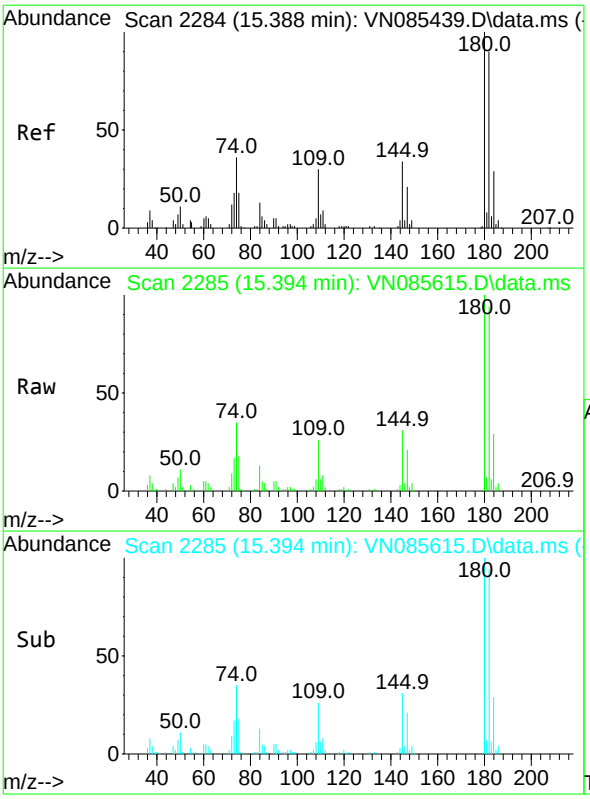


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.195 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion: 75 Resp: 37029

Ion	Ratio	Lower	Upper
75	100		
155	68.5	36.4	109.2
157	87.9	45.4	136.1





#93
1,2,4-Trichlorobenzene
Concen: 49.981 ug/l
RT: 15.394 min Scan# 22
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 104583

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	33.3	16.0	48.0

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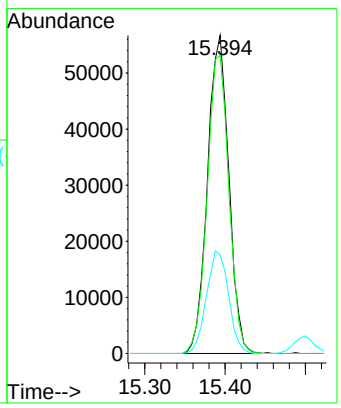
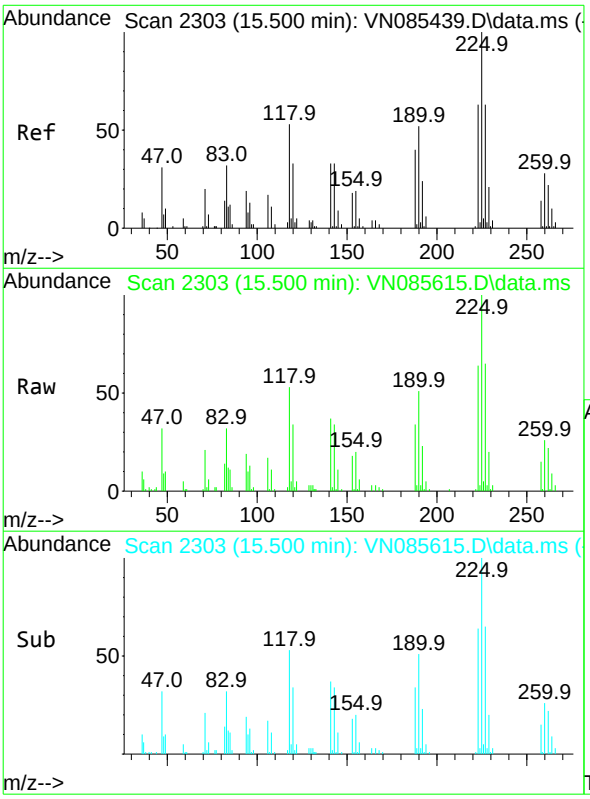
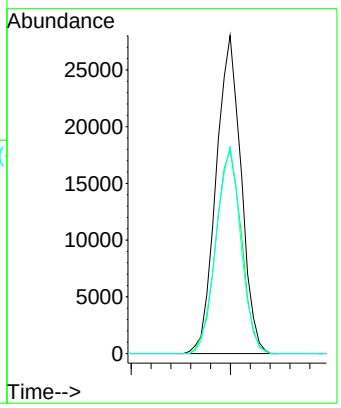


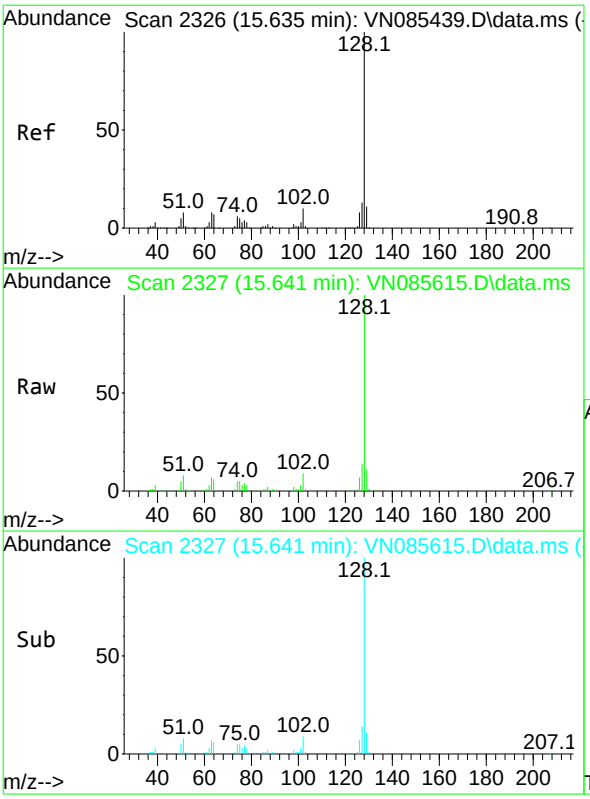


#94
Hexachlorobutadiene
Concen: 44.176 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:225 Resp: 49075

Ion	Ratio	Lower	Upper
225	100		
223	65.5	30.7	92.1
227	64.5	30.9	92.5

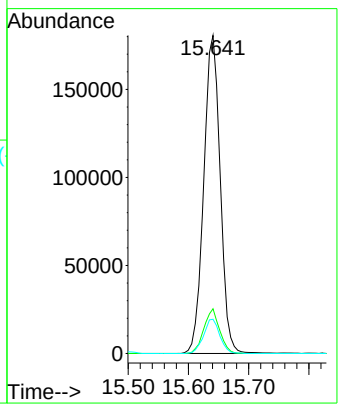




#95
Naphthalene
Concen: 54.952 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:128 Resp: 343115

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.6	8.8	13.2



Instrument :
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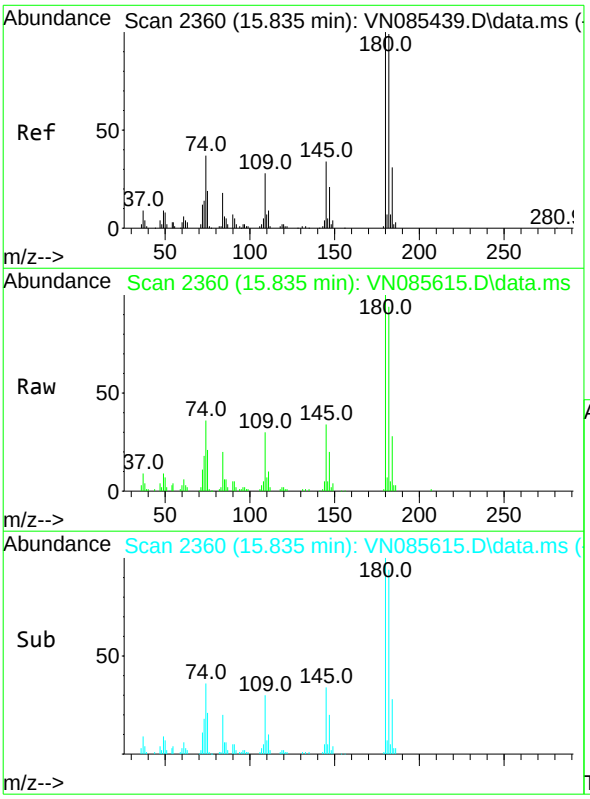
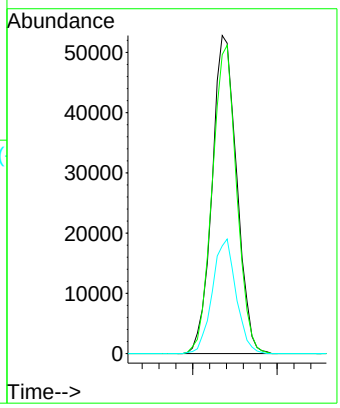


#96
1,2,3-Trichlorobenzene
Concen: 50.602 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085615.D
Acq: 31 Jan 2025 20:29

Tgt Ion:180 Resp: 107137

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	34.7	16.9	50.7