

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086429.D
 Acq On : 30 Apr 2025 12:13
 Operator : JC\MD
 Sample : VN0430WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:33:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	151281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114701	52.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.580%			
35) Dibromofluoromethane	8.165	113	70748	53.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	10.565	98	349820	49.900	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.847	95	126196	49.353	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34442	19.206	ug/l	98
3) Chloromethane	2.360	50	48291	18.528	ug/l	100
4) Vinyl Chloride	2.512	62	46135	18.549	ug/l	99
5) Bromomethane	2.965	94	27092	24.216	ug/l	100
6) Chloroethane	3.118	64	31102	18.685	ug/l	99
7) Trichlorofluoromethane	3.501	101	51823	18.811	ug/l	94
8) Diethyl Ether	3.959	74	23611	19.632	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	32225	19.336	ug/l	98
10) Methyl Iodide	4.589	142	41986	22.914	ug/l	93
11) Tert butyl alcohol	5.512	59	40302	100.689	ug/l	99
12) 1,1-Dichloroethene	4.336	96	32392	18.192	ug/l	98
13) Acrolein	4.183	56	18360	88.632	ug/l	95
14) Allyl chloride	5.024	41	56544	17.864	ug/l	97
15) Acrylonitrile	5.718	53	97305	98.341	ug/l	99
16) Acetone	4.424	43	79907	101.975	ug/l	99
17) Carbon Disulfide	4.712	76	93153	17.472	ug/l	99
18) Methyl Acetate	5.024	43	45505	17.281	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	125925	19.239	ug/l	98
20) Methylene Chloride	5.277	84	40067	19.757	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	35614	19.131	ug/l	94
22) Diisopropyl ether	6.671	45	123754	17.973	ug/l	98
23) Vinyl Acetate	6.600	43	473458	98.362	ug/l	99
24) 1,1-Dichloroethane	6.565	63	67405	18.553	ug/l	98
25) 2-Butanone	7.483	43	131122	96.027	ug/l	95
26) 2,2-Dichloropropane	7.489	77	58822	18.083	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44219	19.139	ug/l	96
28) Bromochloromethane	7.812	49	34948	22.687	ug/l	92
29) Tetrahydrofuran	7.836	42	86747	95.003	ug/l	96
30) Chloroform	7.965	83	69503	19.475	ug/l	100
31) Cyclohexane	8.259	56	62009	17.442	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	59436	19.468	ug/l	97
36) 1,1-Dichloropropene	8.371	75	48489	18.508	ug/l	98
37) Ethyl Acetate	7.553	43	54015	19.583	ug/l	100
38) Carbon Tetrachloride	8.365	117	48136	19.293	ug/l	95
39) Methylcyclohexane	9.600	83	56653	18.193	ug/l	95
40) Benzene	8.606	78	160621	19.135	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	28193	17.636	ug/l	91
42) 1,2-Dichloroethane	8.671	62	54567	20.385	ug/l	100
43) Isopropyl Acetate	8.683	43	102756	19.351	ug/l	98
44) Trichloroethene	9.347	130	39263	19.734	ug/l	94
45) 1,2-Dichloropropane	9.618	63	39889	19.413	ug/l	100
46) Dibromomethane	9.712	93	27137	20.728	ug/l	94
47) Bromodichloromethane	9.888	83	55936	19.782	ug/l	96
48) Methyl methacrylate	9.677	41	44455	18.353	ug/l	96
49) 1,4-Dioxane	9.688	88	17735	430.446	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	278396	98.566	ug/l	99
52) Toluene	10.630	92	102538	19.577	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	62598	19.832	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	65555	18.909	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	38834	20.607	ug/l	96
56) Ethyl methacrylate	10.871	69	66383	19.164	ug/l	98
57) 1,3-Dichloropropane	11.159	76	67200	20.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	139365	84.766	ug/l	97
59) 2-Hexanone	11.194	43	207704	99.143	ug/l	99
60) Dibromochloromethane	11.353	129	41873	20.235	ug/l	96
61) 1,2-Dibromoethane	11.471	107	39656	20.855	ug/l	97
64) Tetrachloroethene	11.100	164	39354	19.751	ug/l	98
65) Chlorobenzene	11.888	112	109603	18.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36545	19.163	ug/l	98
67) Ethyl Benzene	11.959	91	196800	18.866	ug/l	99
68) m/p-Xylenes	12.071	106	148843	38.080	ug/l	99
69) o-Xylene	12.394	106	73733	19.075	ug/l	99
70) Styrene	12.412	104	124591	19.344	ug/l	98
71) Bromoform	12.577	173	28643	19.949	ug/l #	100
73) Isopropylbenzene	12.694	105	181785	18.833	ug/l	99
74) N-amyl acetate	12.488	43	80795	16.814	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55362	19.948	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	55088m	19.783	ug/l	
77) Bromobenzene	12.977	156	43766	20.464	ug/l	95
78) n-propylbenzene	13.029	91	213629	18.782	ug/l	99
79) 2-Chlorotoluene	13.124	91	134519	18.900	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	150184	19.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21467	18.515	ug/l	97
82) 4-Chlorotoluene	13.218	91	133340	18.860	ug/l	99
83) tert-Butylbenzene	13.435	119	125514	18.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	151296	18.814	ug/l	100
85) sec-Butylbenzene	13.612	105	177837	18.730	ug/l	100
86) p-Isopropyltoluene	13.724	119	146794	18.757	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	79216	19.703	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	79389	19.605	ug/l	99
89) n-Butylbenzene	14.053	91	124678	17.973	ug/l	99
90) Hexachloroethane	14.329	117	24403	18.537	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	76719	19.682	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10637	19.008	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	34110	18.275	ug/l	99
94) Hexachlorobutadiene	15.500	225	12862	18.255	ug/l	99
95) Naphthalene	15.635	128	123102	18.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	34008	19.245	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

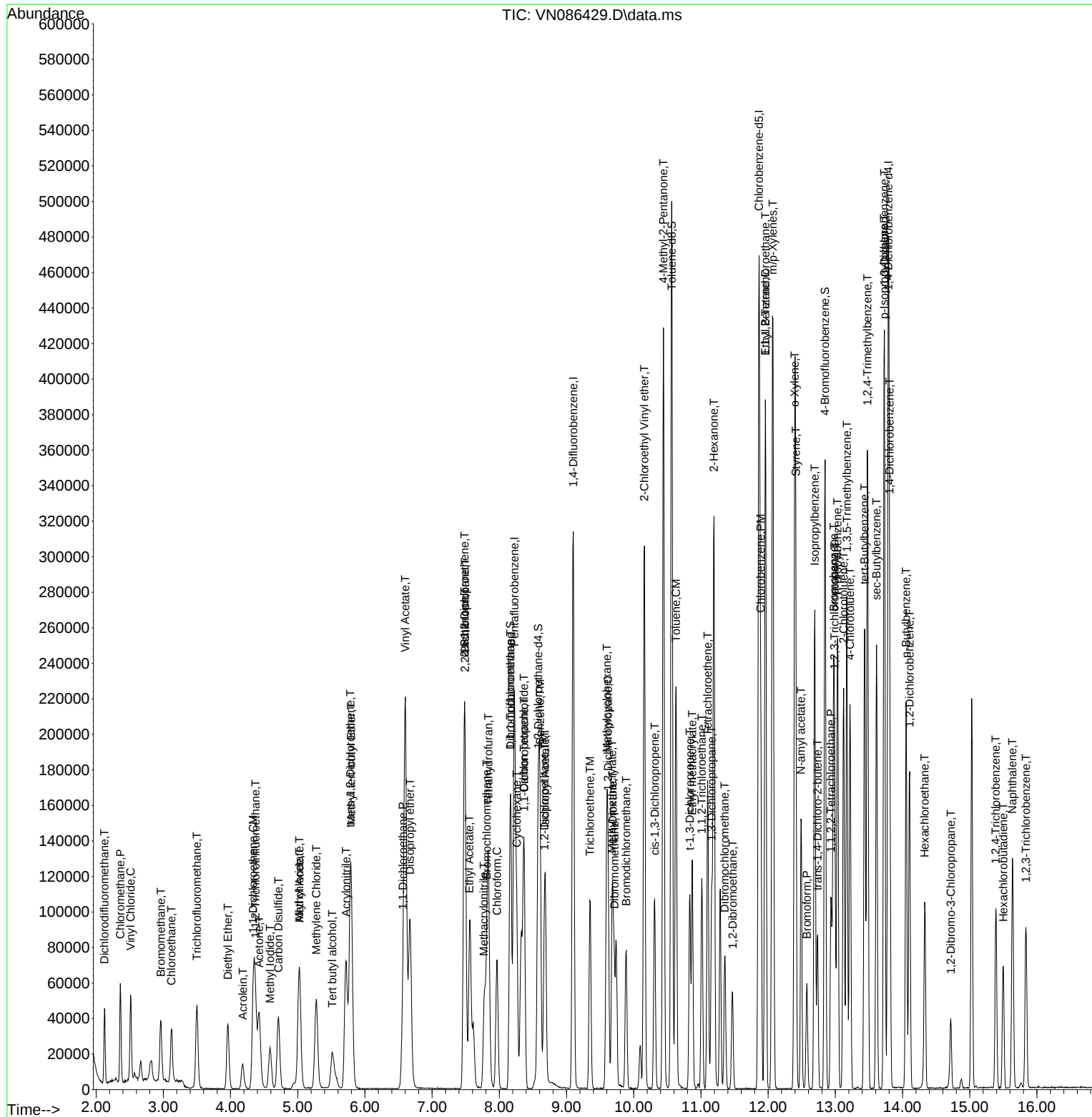
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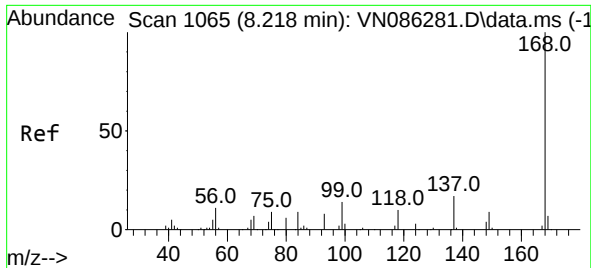
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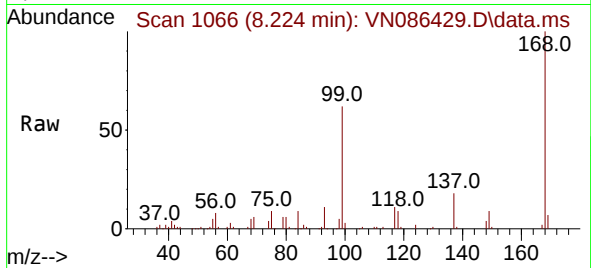
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086429.D
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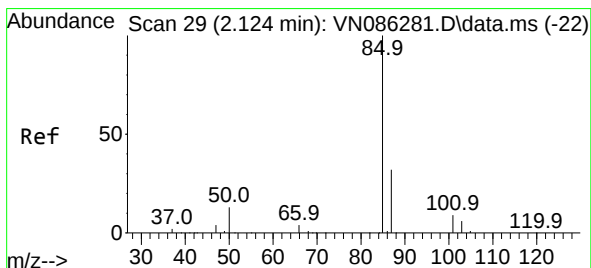
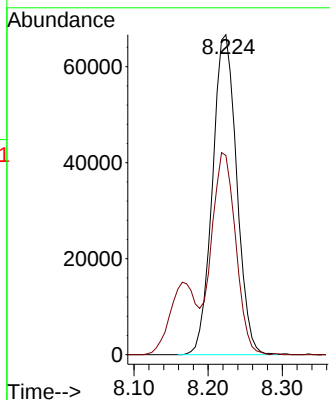
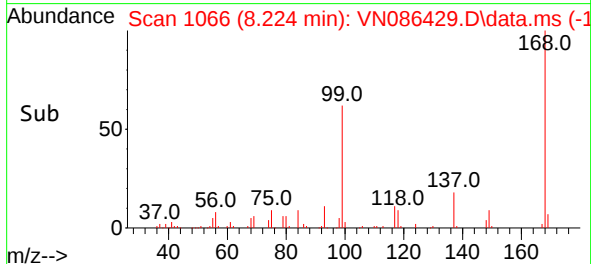
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Tgt Ion:168 Resp: 15128
Ion Ratio Lower Upper
168 100
99 61.9 52.5 78.7

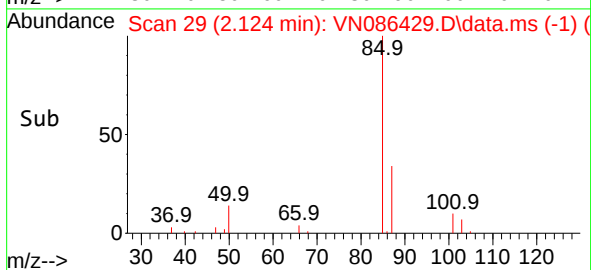
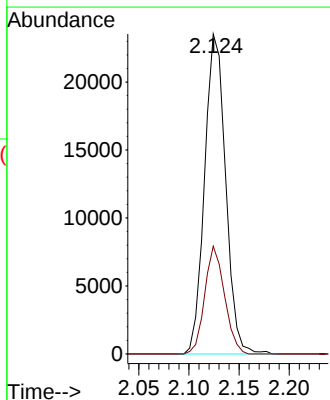
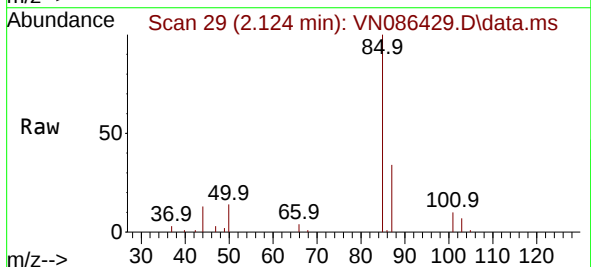
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#2
Dichlorodifluoromethane
Concen: 19.206 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

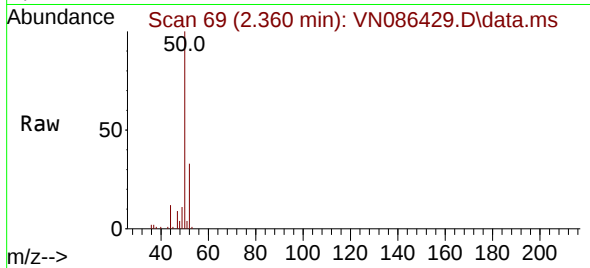
Tgt Ion: 85 Resp: 34442
Ion Ratio Lower Upper
85 100
87 33.7 16.3 48.8





#3
Chloromethane
Concen: 18.528 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

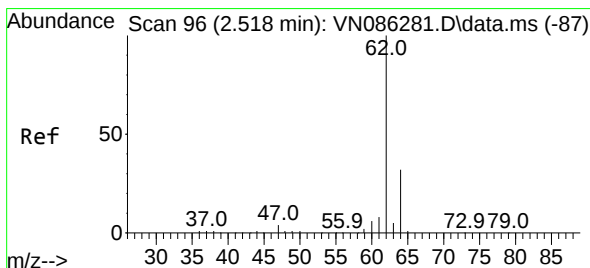
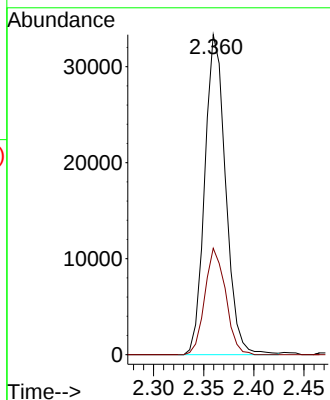
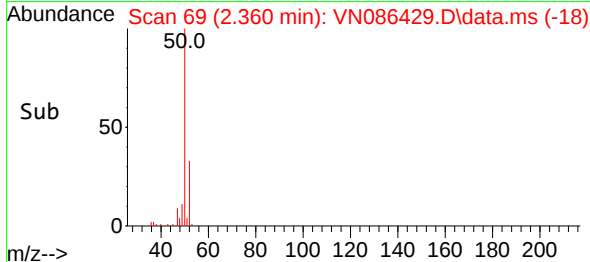
Instrument :
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VN0430WBSD01



Tgt Ion: 50 Resp: 4829
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

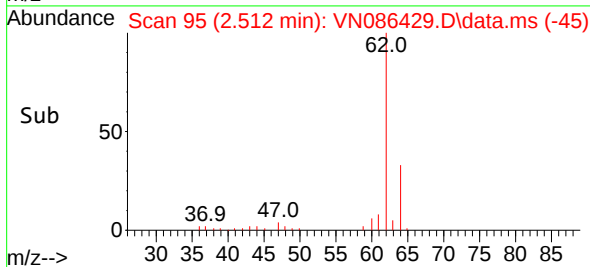
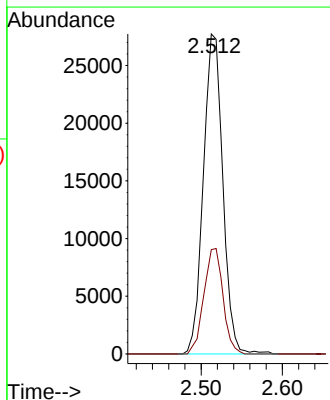
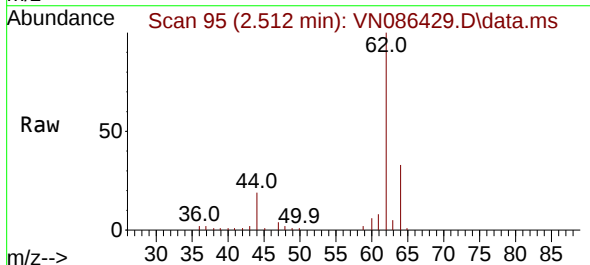
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#4
Vinyl Chloride
Concen: 18.549 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086429.D
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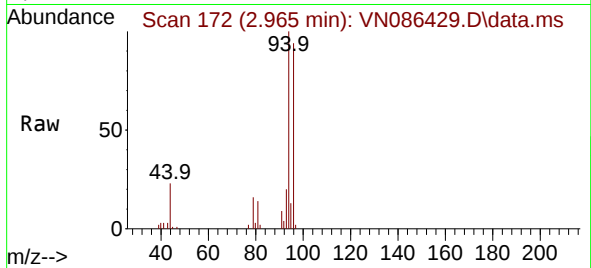
Tgt Ion: 62 Resp: 46135
Ion Ratio Lower Upper
62 100
64 32.6 25.6 38.4





#5
Bromomethane
Concen: 24.216 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

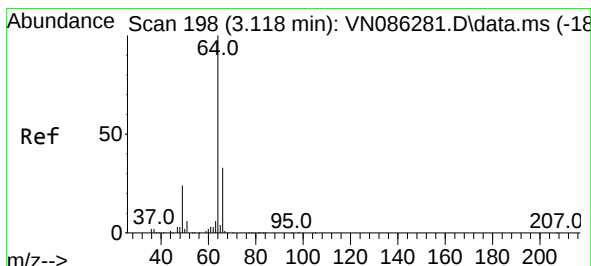
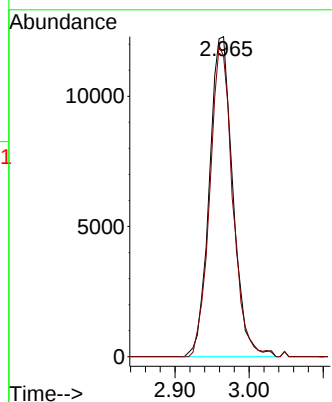
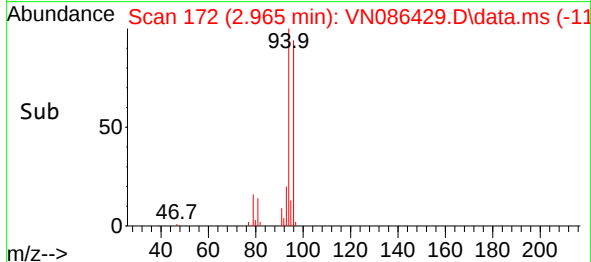
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Tgt Ion: 94 Resp: 27092
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8

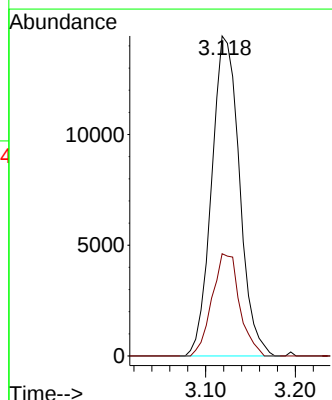
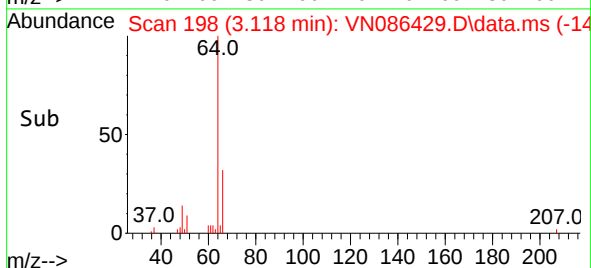
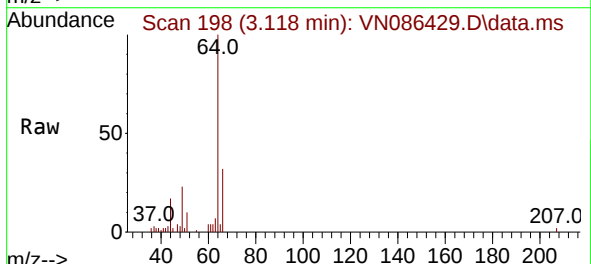
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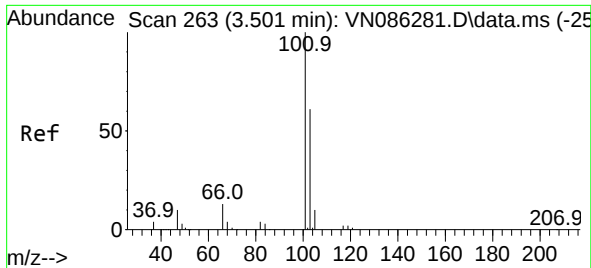
Reviewed By :John Carlone 05/02/2025
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#6
Chloroethane
Concen: 18.685 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion: 64 Resp: 31102
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2





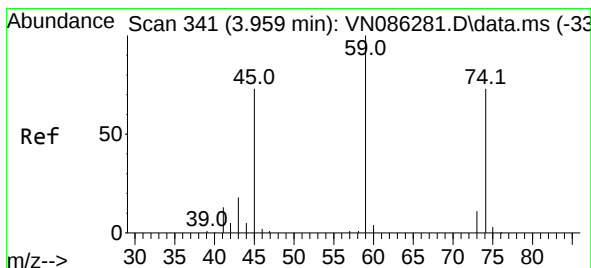
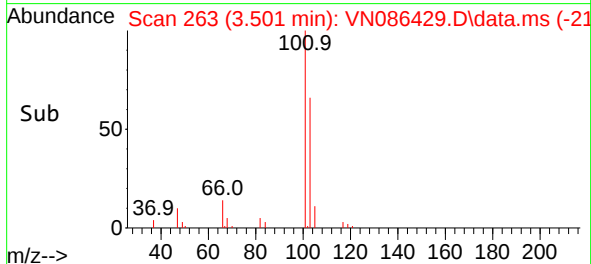
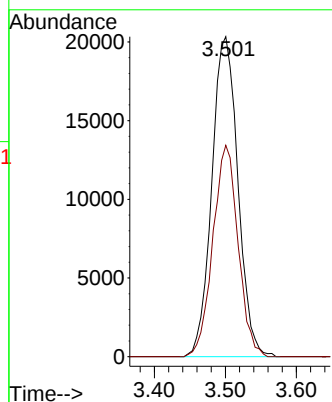
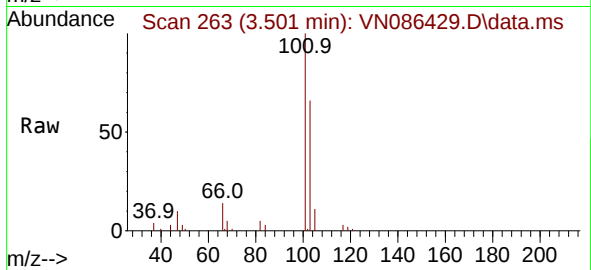
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 Trichlorofluoromethane
 Concen: 18.811 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13

Instrument :
 MSVOA_N
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Tgt Ion: 101 Resp: 5182
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.2 73.8

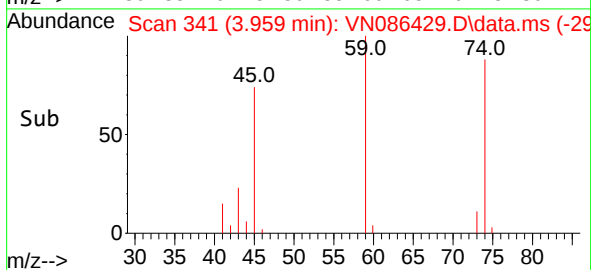
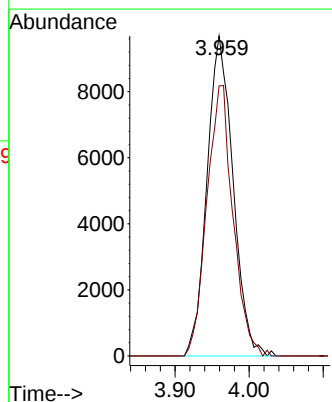
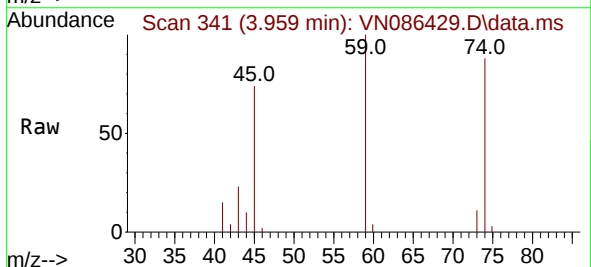
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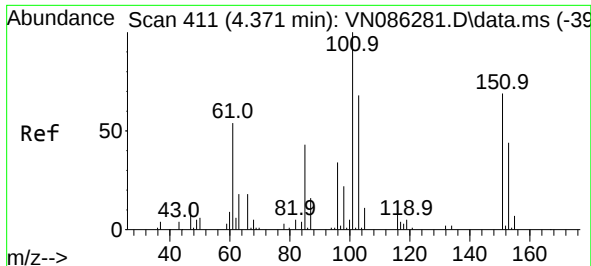
Reviewed By : John Carlone 05/02/2025
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#8
 Diethyl Ether
 Concen: 19.632 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086429.D
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Tgt Ion: 74 Resp: 23611
 Ion Ratio Lower Upper
 74 100
 45 84.9 48.0 144.2





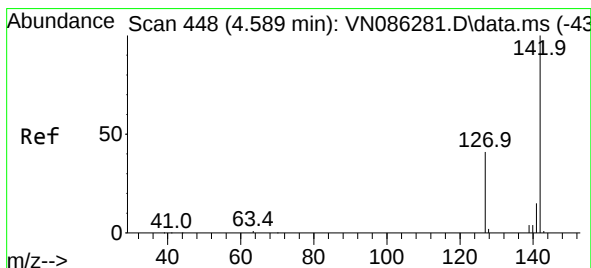
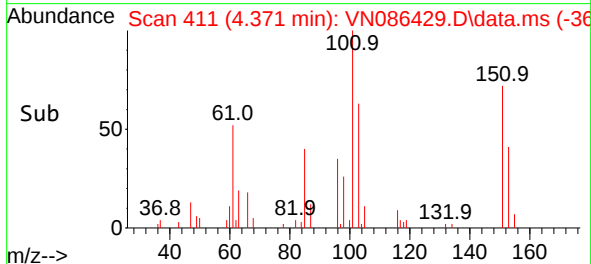
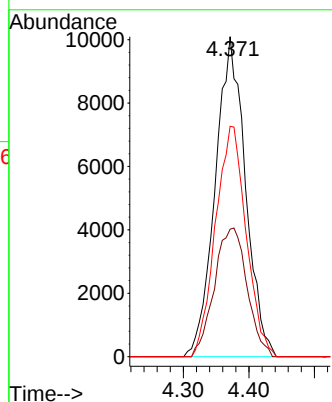
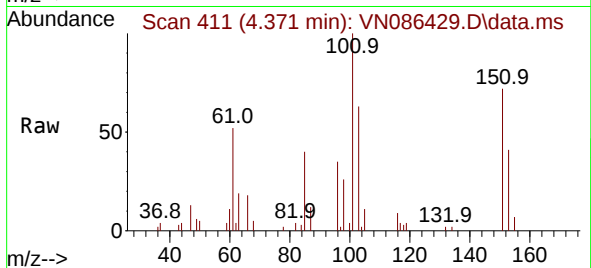
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.336 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion:101 Resp: 32225
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 73.0 56.1 84.1

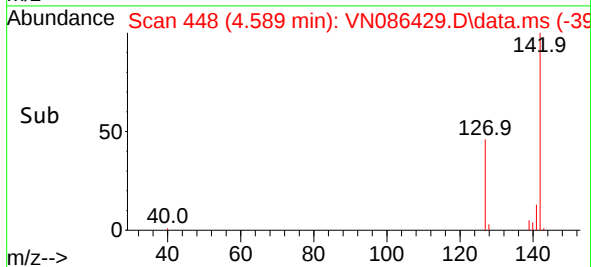
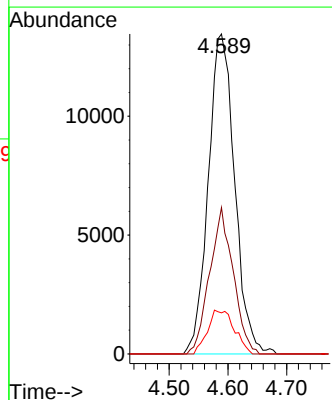
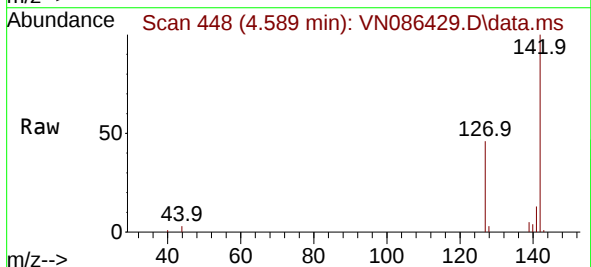
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 22.914 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

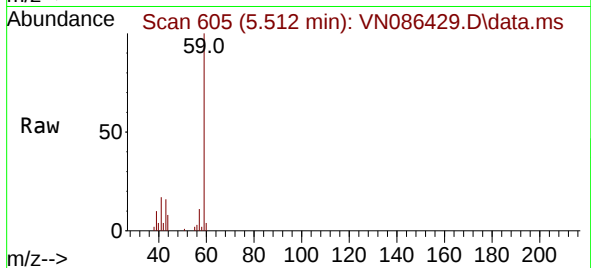
Tgt Ion:142 Resp: 41986
Ion Ratio Lower Upper
142 100
127 45.7 32.7 49.1
141 12.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 100.689 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

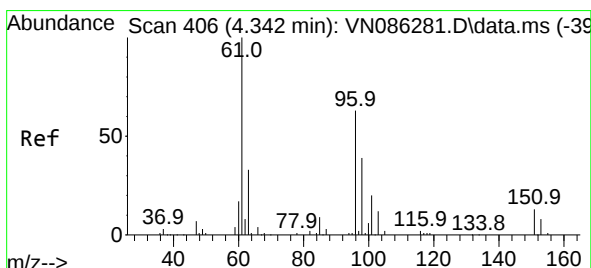
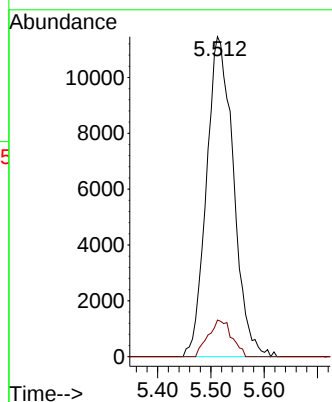
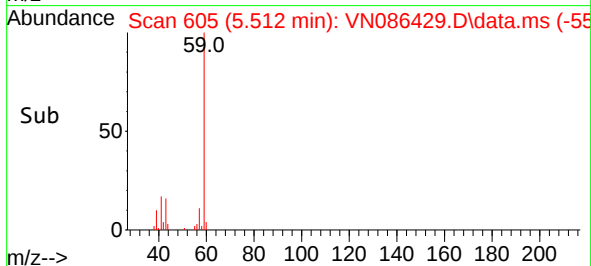
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



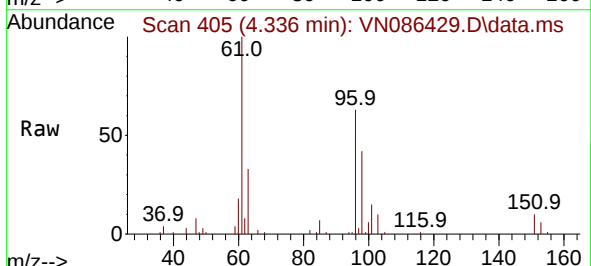
Tgt Ion: 59 Resp: 40302
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
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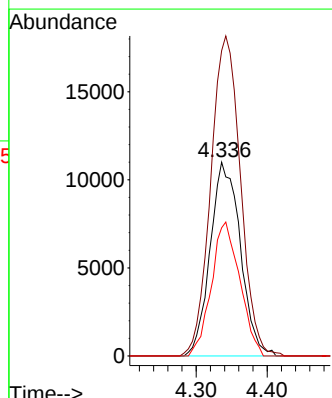
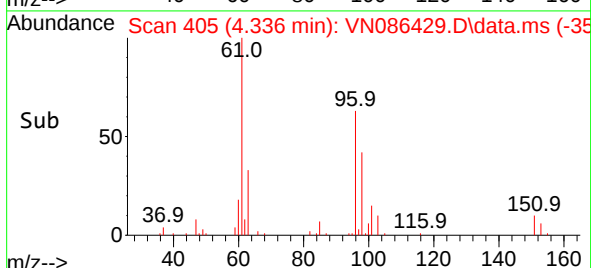
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#12
1,1-Dichloroethene
Concen: 18.192 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



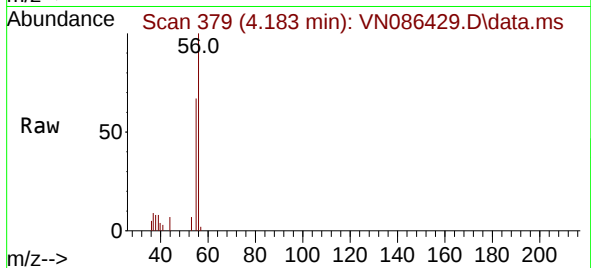
Tgt Ion: 96 Resp: 32392
Ion Ratio Lower Upper
96 100
61 157.6 126.6 189.8
98 66.2 49.6 74.4





#13
Acrolein
Concen: 88.632 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

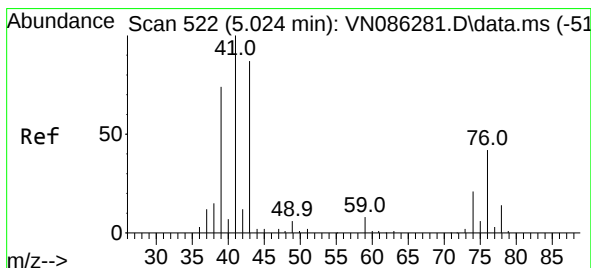
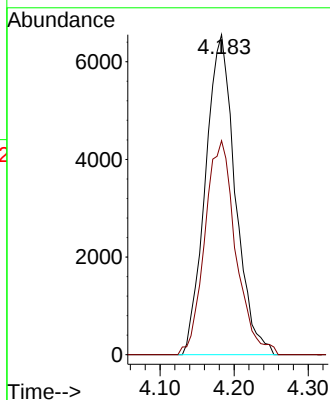
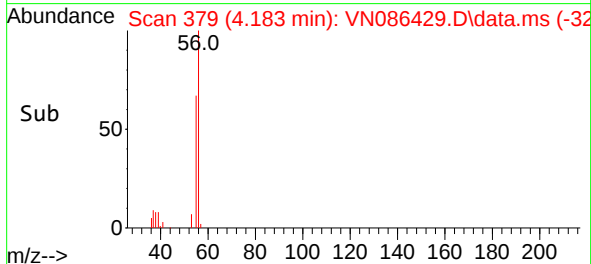
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion: 56 Resp: 18360
Ion Ratio Lower Upper
56 100
55 69.2 58.5 87.7

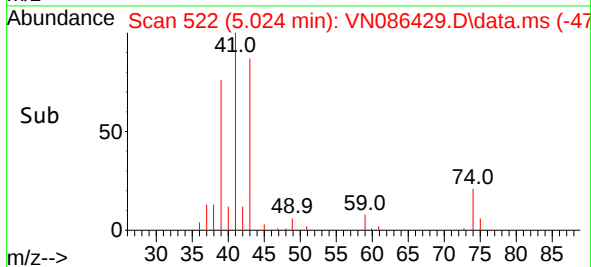
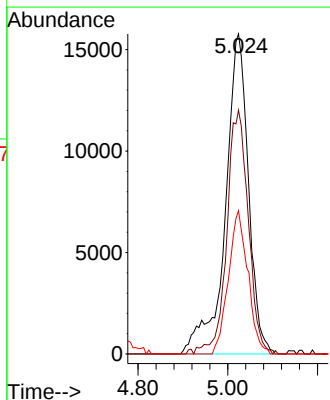
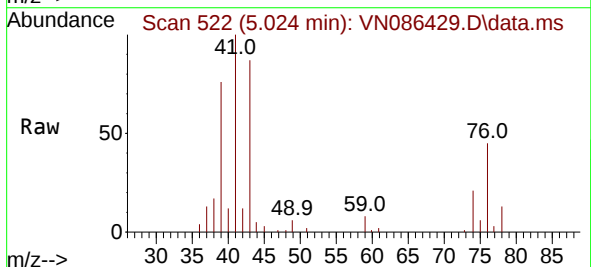
Manual Integrations
APPROVED

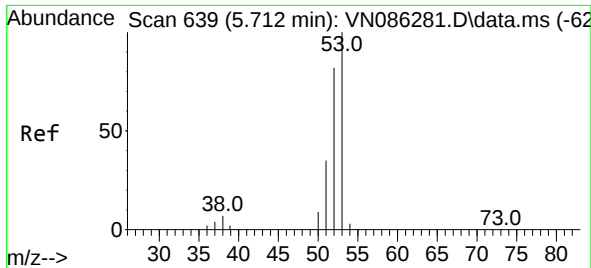
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 17.864 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

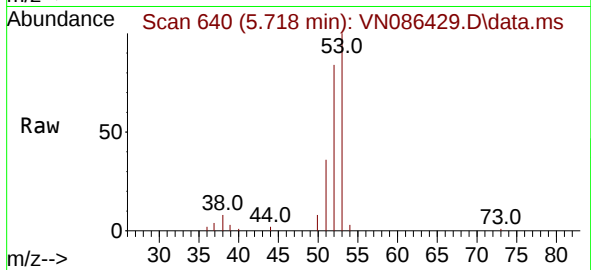
Tgt Ion: 41 Resp: 56544
Ion Ratio Lower Upper
41 100
39 70.6 59.2 88.8
76 37.8 31.2 46.8





#15
Acrylonitrile
Concen: 98.341 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

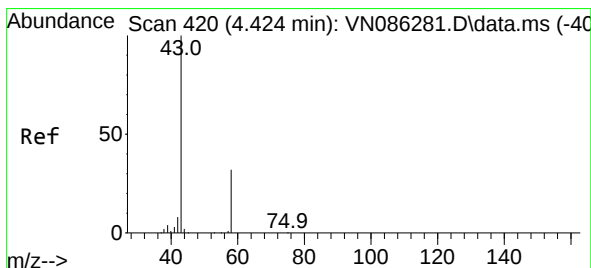
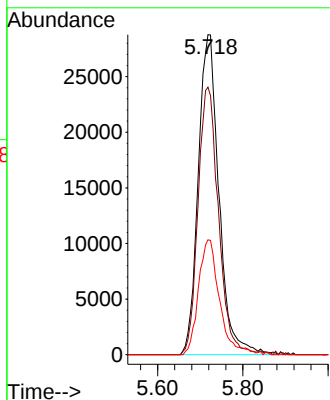
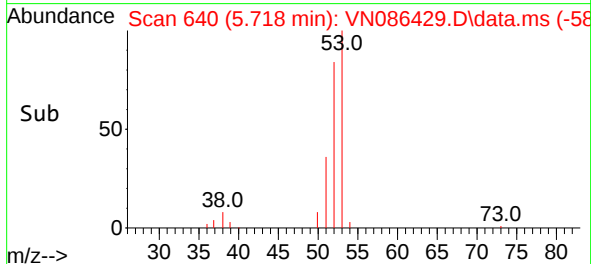
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion: 53 Resp: 97309
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 36.4 28.6 42.8

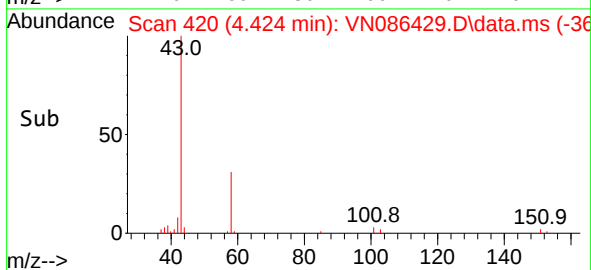
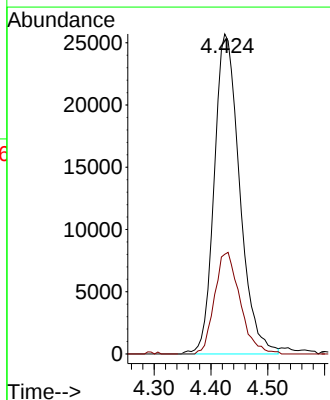
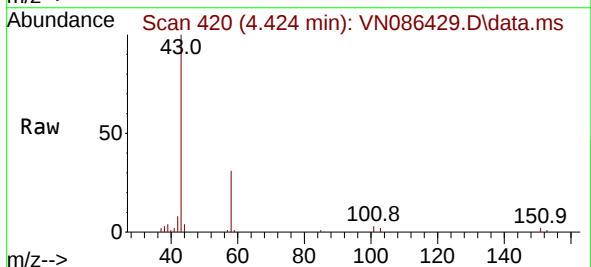
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 101.975 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

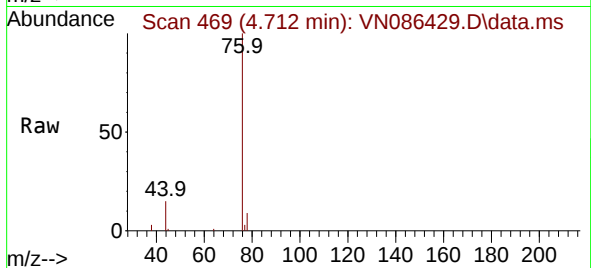
Tgt Ion: 43 Resp: 79907
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9





#17
Carbon Disulfide
Concen: 17.472 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

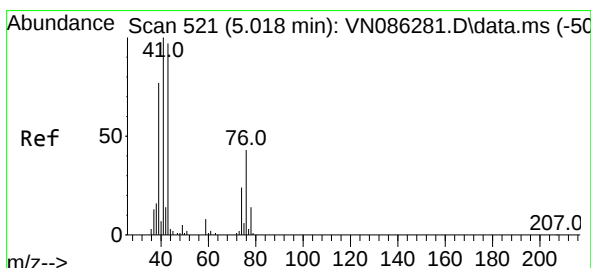
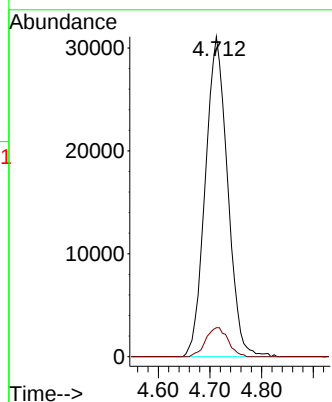
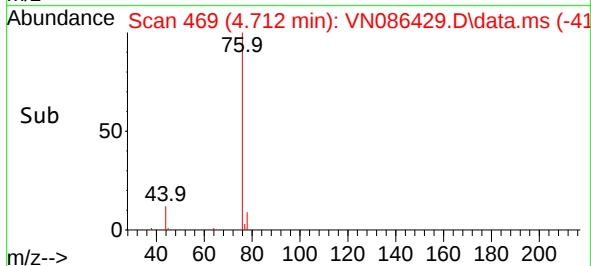
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



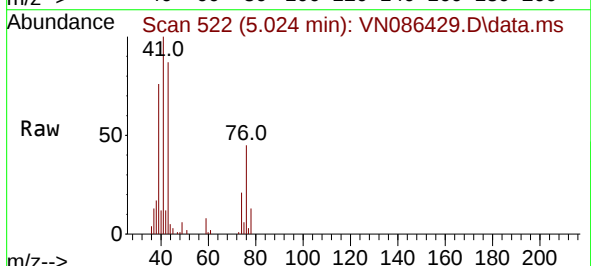
Tgt Ion: 76 Resp: 9315
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

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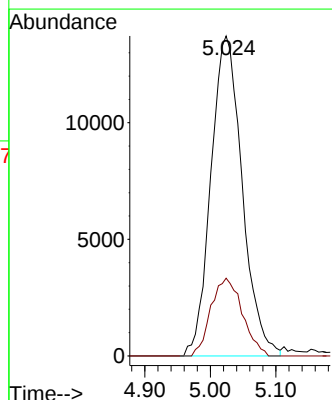
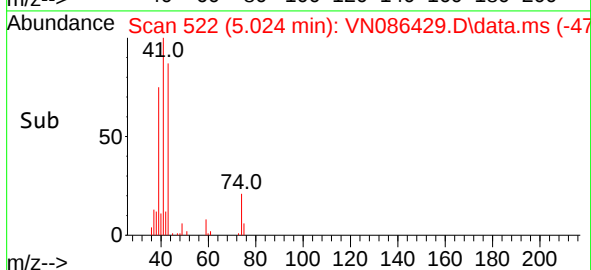
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

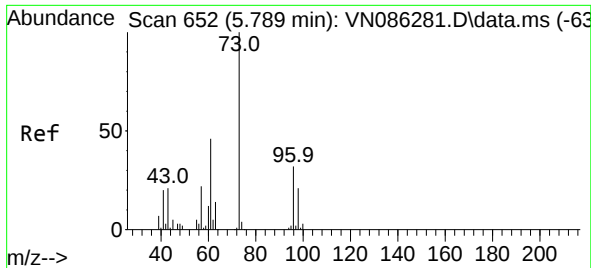


#18
Methyl Acetate
Concen: 17.281 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion: 43 Resp: 45505
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6





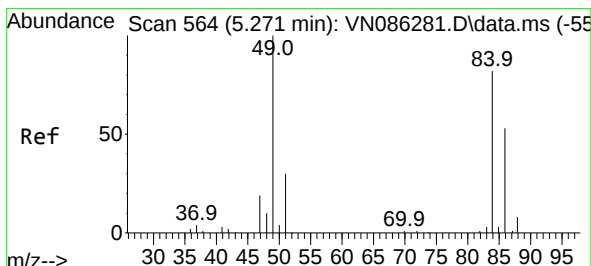
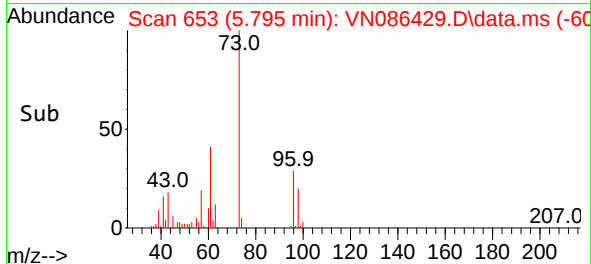
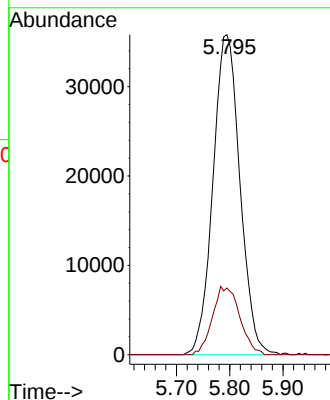
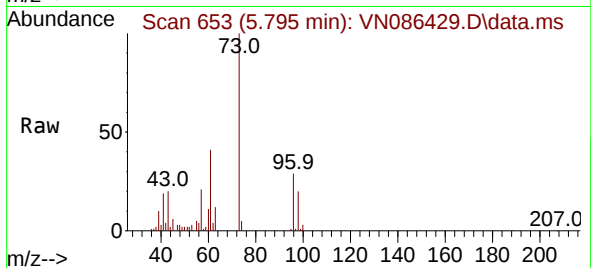
#19
Methyl tert-butyl Ether
Concen: 19.239 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 73 Resp: 12592
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

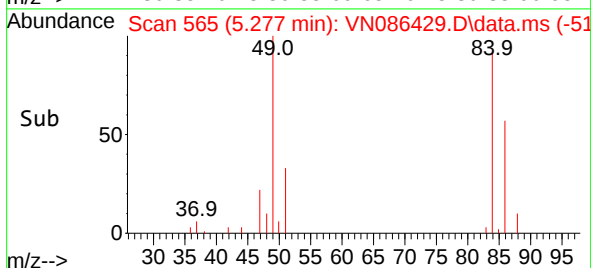
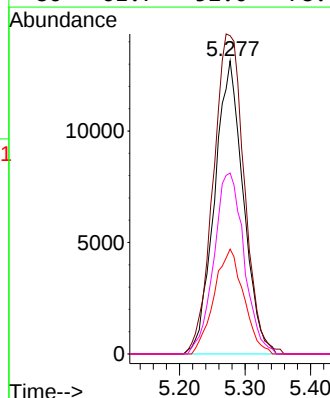
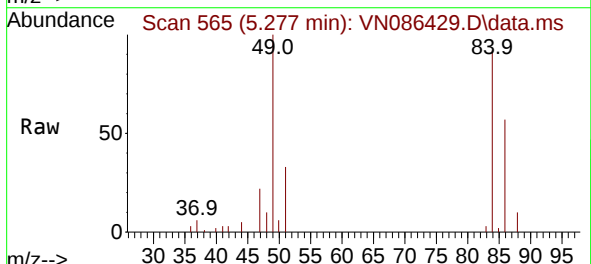
Manual Integrations
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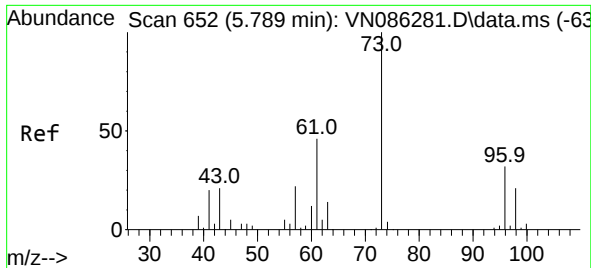
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 19.757 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion: 84 Resp: 40067
Ion Ratio Lower Upper
84 100
49 108.6 98.2 147.2
51 35.7 29.8 44.6
86 61.7 52.0 78.0





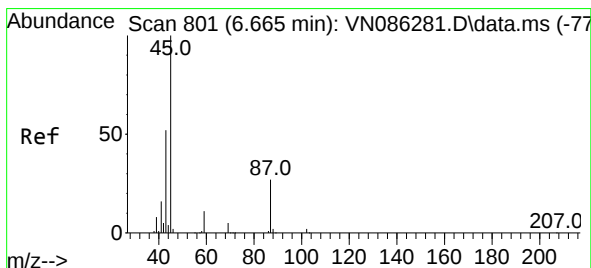
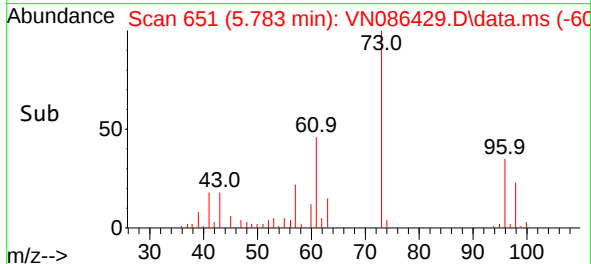
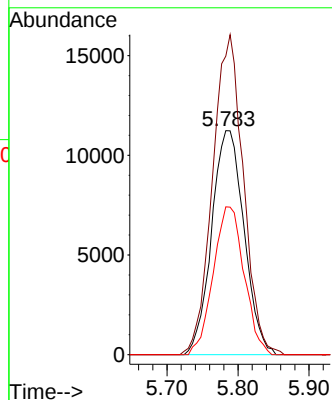
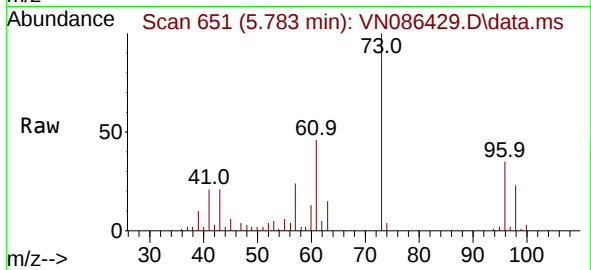
#21
trans-1,2-Dichloroethene
Concen: 19.131 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 96 Resp: 35614
Ion Ratio Lower Upper
96 100
61 133.3 114.6 171.8
98 66.1 51.2 76.8

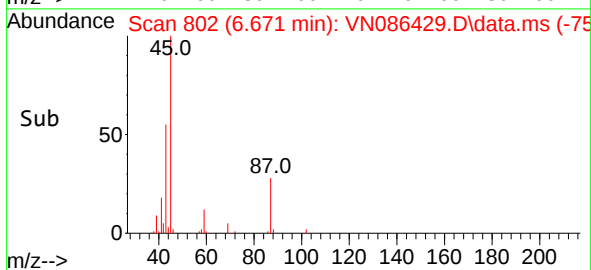
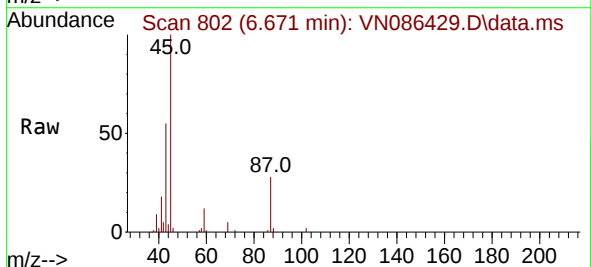
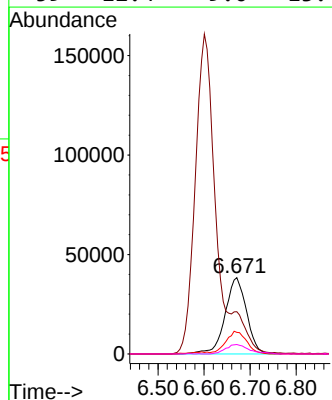
Manual Integrations
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Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 17.973 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion: 45 Resp: 123754
Ion Ratio Lower Upper
45 100
43 54.0 41.8 62.8
87 28.2 21.6 32.4
59 12.4 9.0 13.4





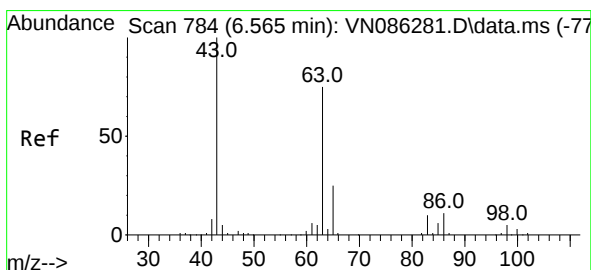
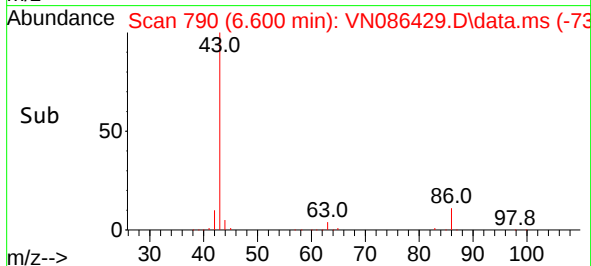
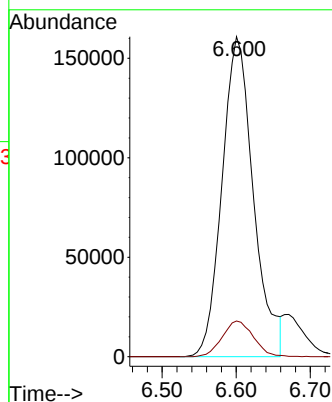
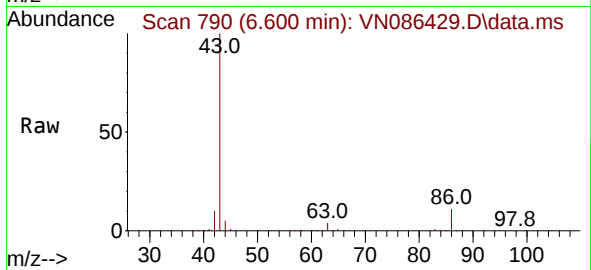
#23
 Vinyl Acetate
 Concen: 98.362 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Tgt Ion: 43 Resp: 473458
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0

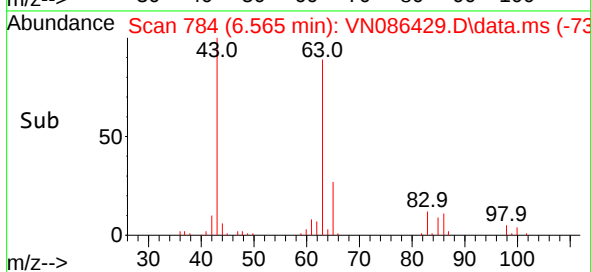
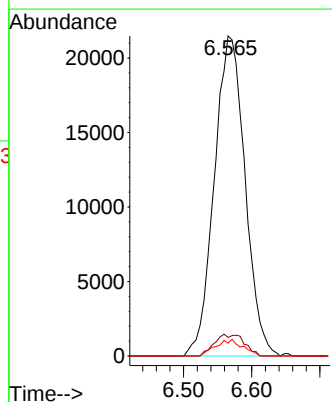
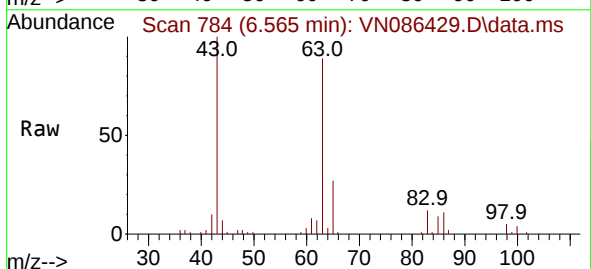
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 05/05/2025



#24
 1,1-Dichloroethane
 Concen: 18.553 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13

Tgt Ion: 63 Resp: 67405
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.2
 100 4.0 2.1 6.5





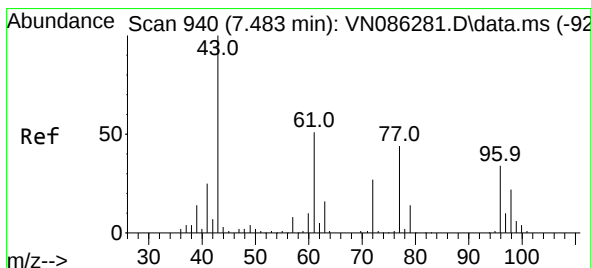
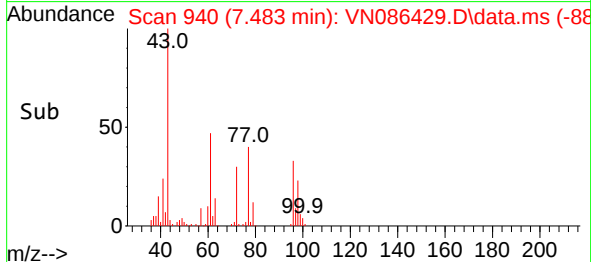
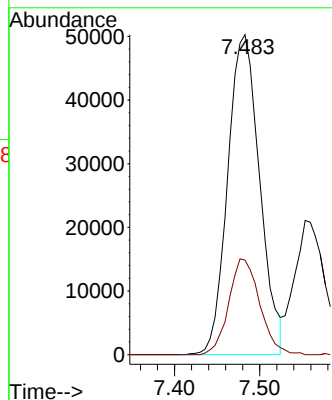
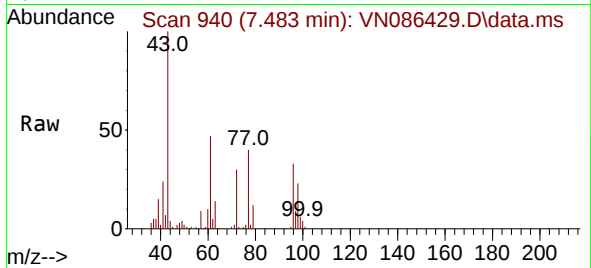
#25
2-Butanone
Concen: 96.027 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 43 Resp: 13112
Ion Ratio Lower Upper
43 100
72 29.6 21.7 32.5

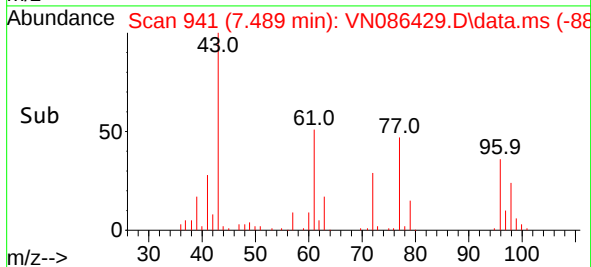
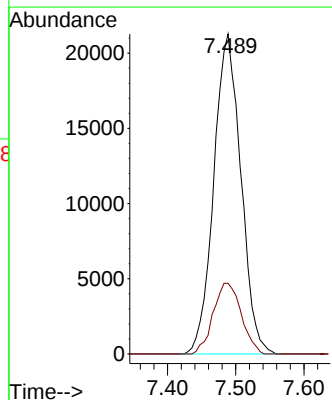
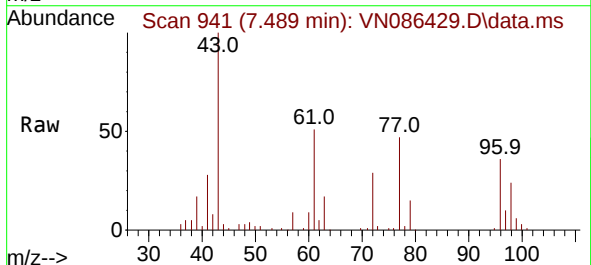
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 18.083 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

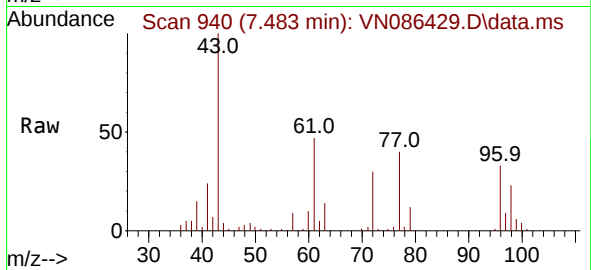
Tgt Ion: 77 Resp: 58822
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.139 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13

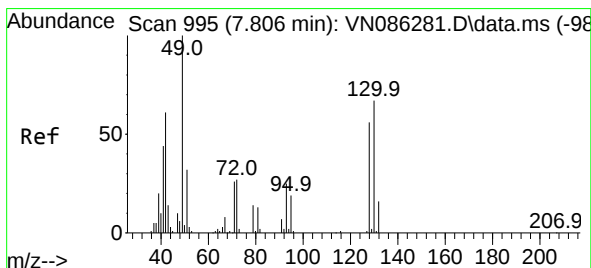
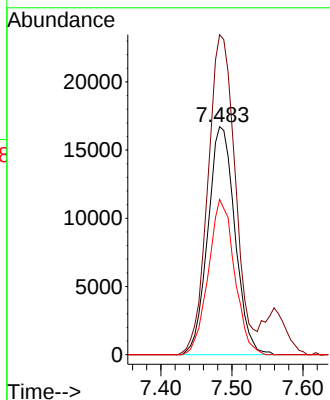
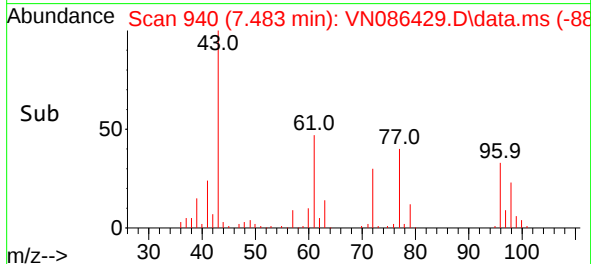
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01



Tgt Ion: 96 Resp: 44219
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 299.0
 98 65.7 0.0 129.6

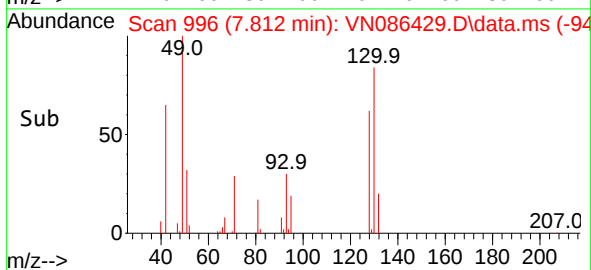
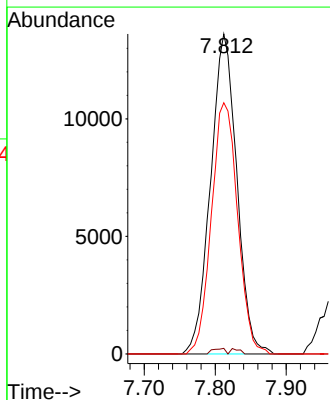
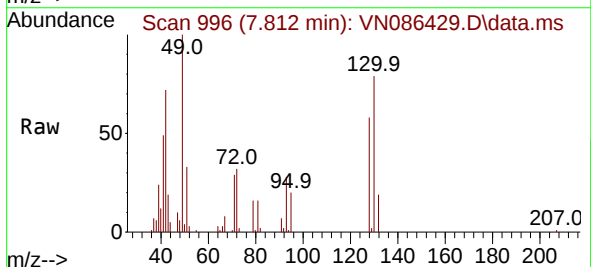
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#28
 Bromochloromethane
 Concen: 22.687 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13

Tgt Ion: 49 Resp: 34948
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.4
 130 78.3 57.1 85.7





#29

Tetrahydrofuran

Concen: 95.003 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

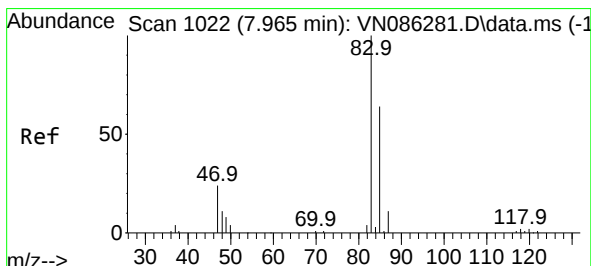
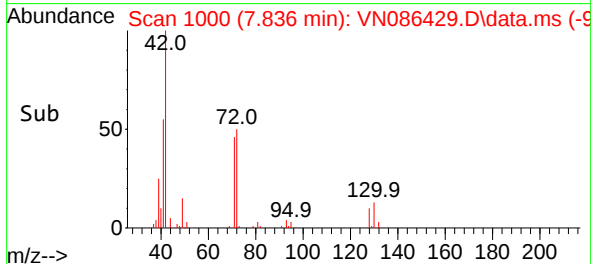
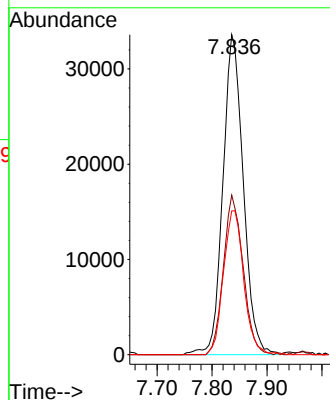
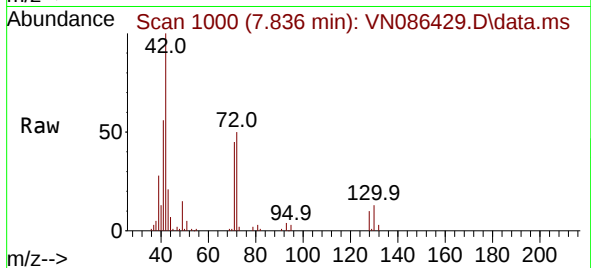
Tgt Ion:	42	Resp:	8674
Ion Ratio	Lower	Upper	
42	100		
72	48.0	36.2	54.4
71	44.9	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#30

Chloroform

Concen: 19.475 ug/l

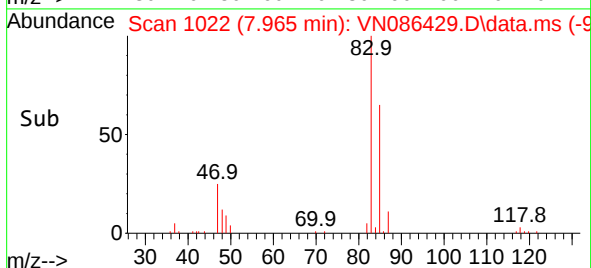
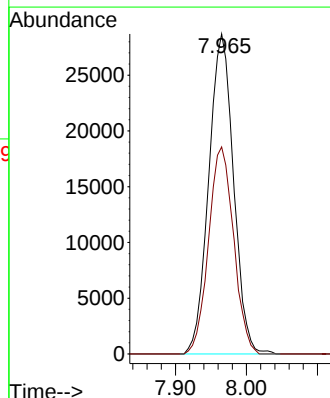
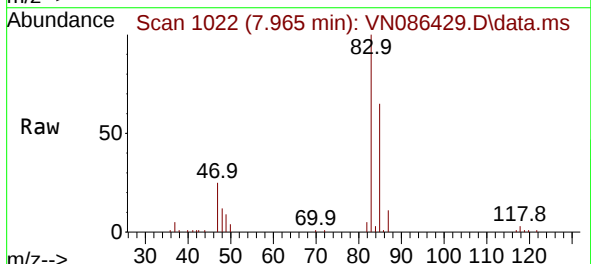
RT: 7.965 min Scan# 1022

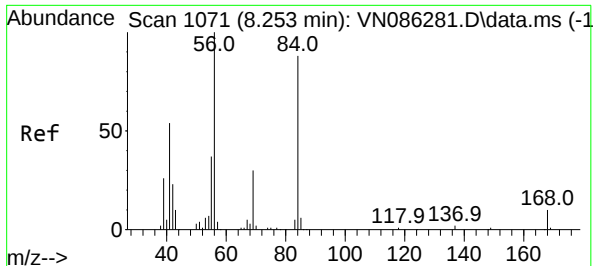
Delta R.T. 0.000 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

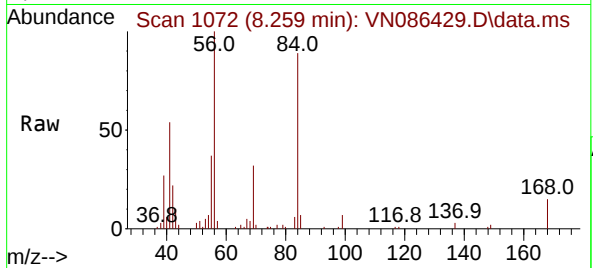
Tgt Ion:	83	Resp:	69503
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.5	77.3





#31
Cyclohexane
Concen: 17.442 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

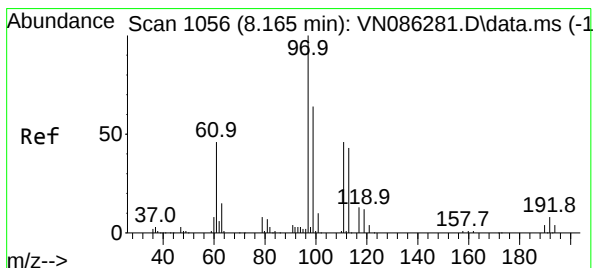
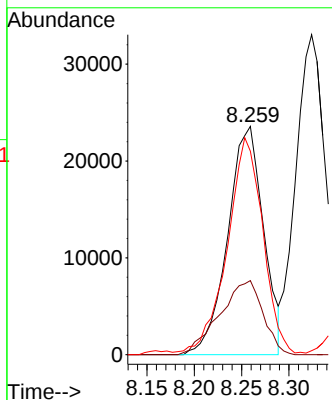
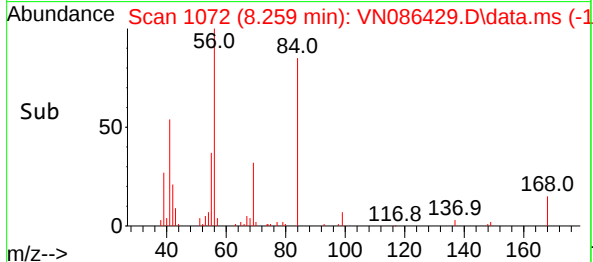
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



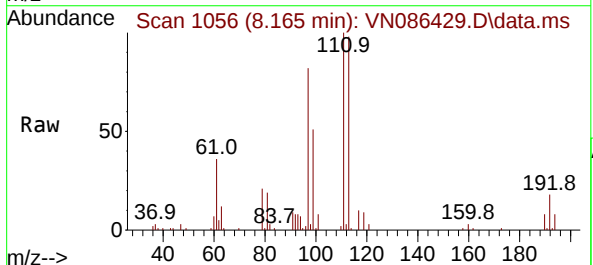
Tgt Ion: 56 Resp: 62009
Ion Ratio Lower Upper
56 100
69 32.5 24.2 36.2
84 87.8 70.3 105.5

Manual Integrations
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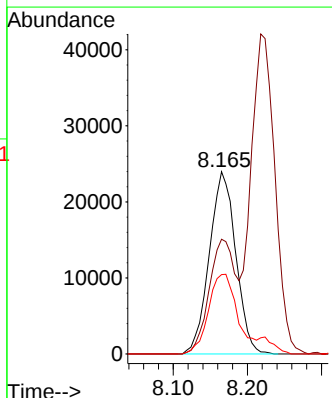
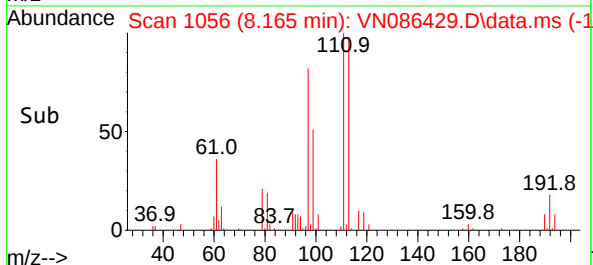
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#32
1,1,1-Trichloroethane
Concen: 19.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion: 97 Resp: 59436
Ion Ratio Lower Upper
97 100
99 62.8 52.7 79.1
61 48.0 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 52.286 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tgt Ion: 65 Resp: 11470

Ion Ratio Lower Upper

65 100

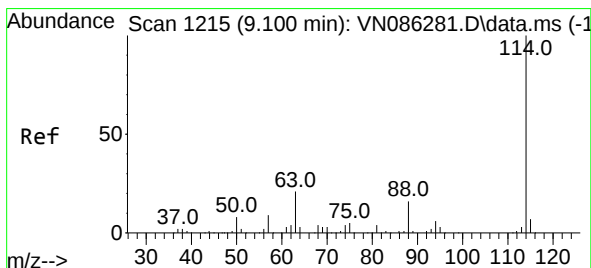
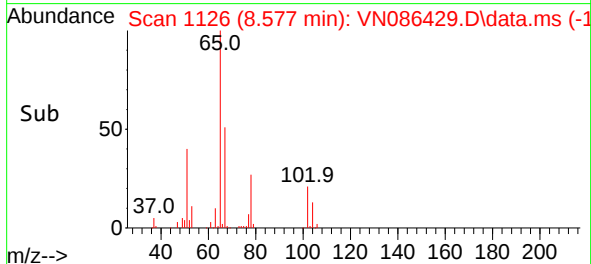
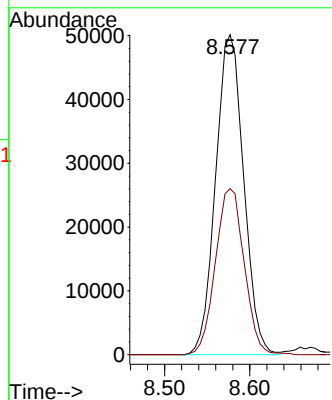
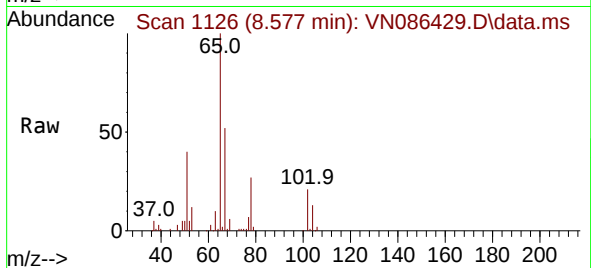
67 53.3 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

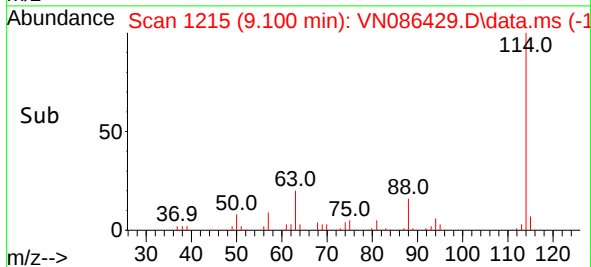
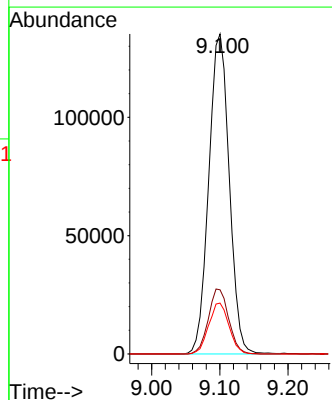
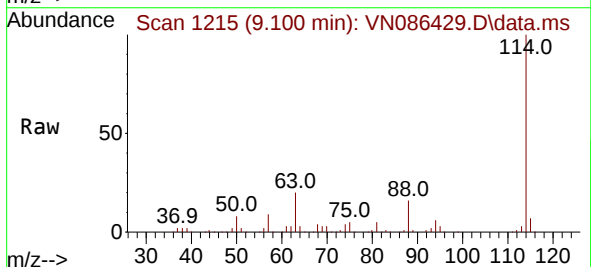
Tgt Ion:114 Resp: 282628

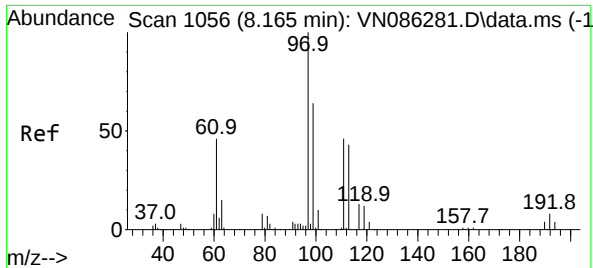
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

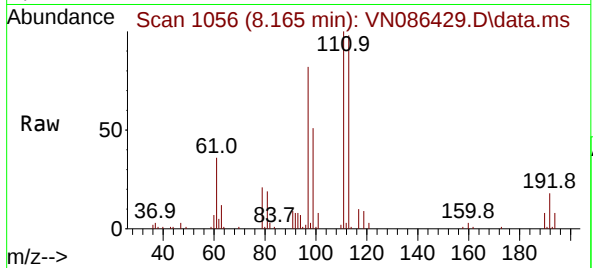
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 53.936 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

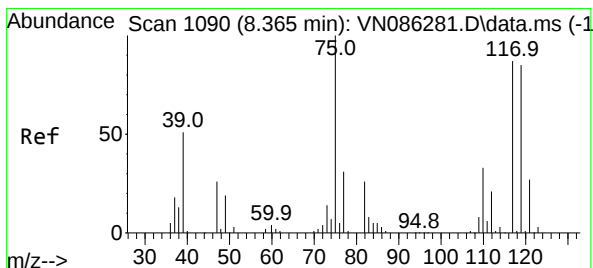
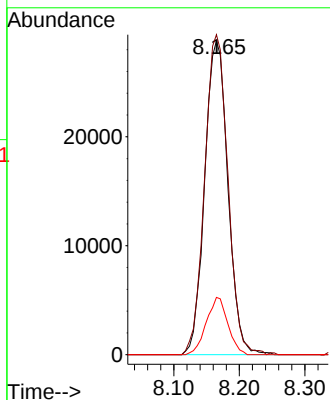
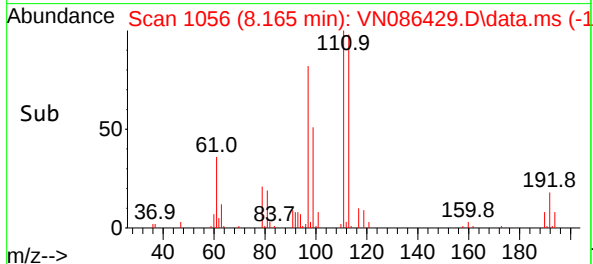
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



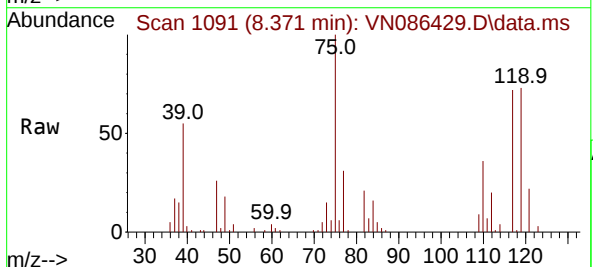
Tgt Ion: 113 Resp: 70748
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 16.9 13.7 20.5

Manual Integrations
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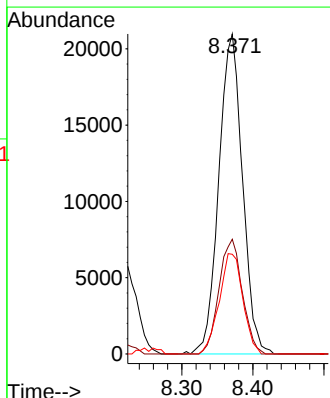
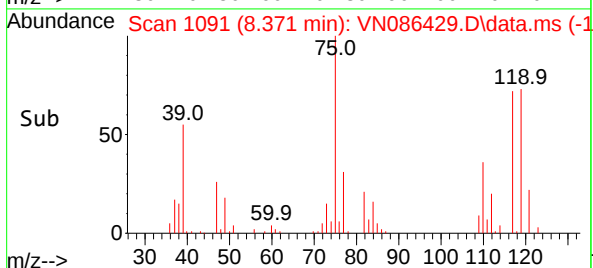
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

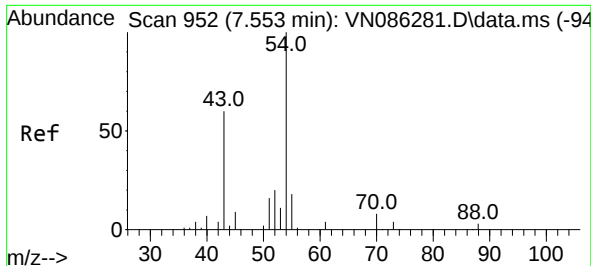


#36
1,1-Dichloropropene
Concen: 18.508 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



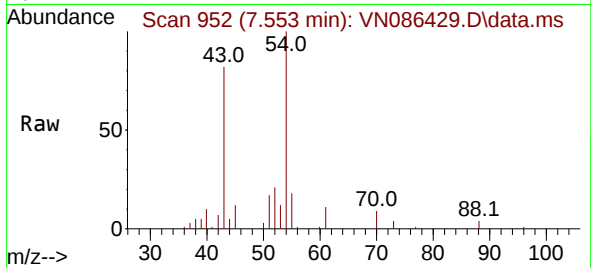
Tgt Ion: 75 Resp: 48489
Ion Ratio Lower Upper
75 100
110 35.2 16.8 50.4
77 31.2 24.9 37.3





#37
Ethyl Acetate
Concen: 19.583 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

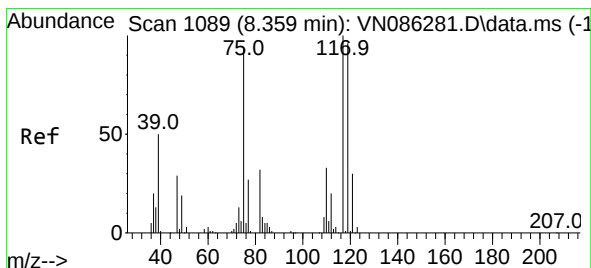
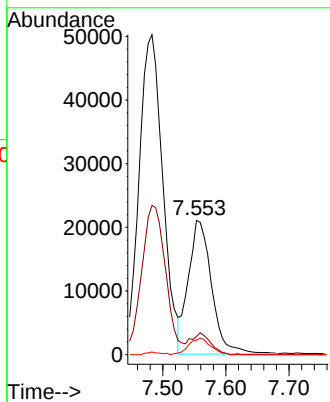
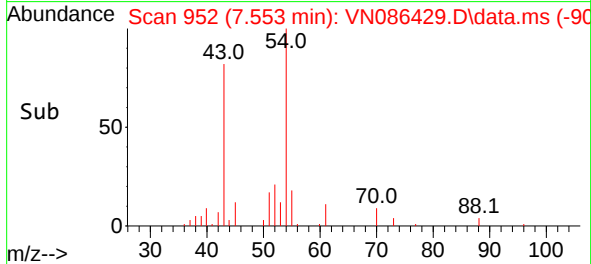
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion: 43 Resp: 5401
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 11.5 9.2 13.8

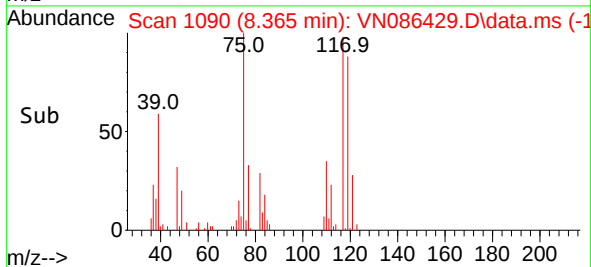
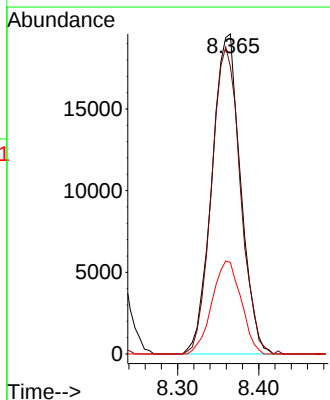
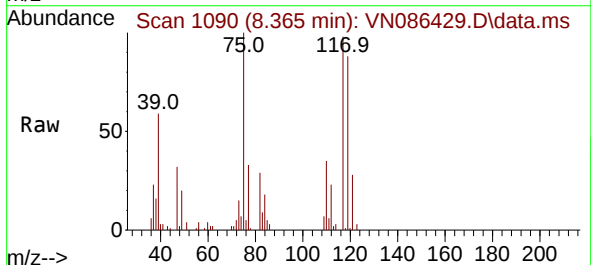
Manual Integrations
APPROVED

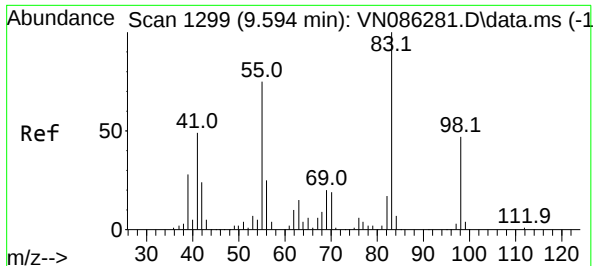
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#38
Carbon Tetrachloride
Concen: 19.293 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion:117 Resp: 48136
Ion Ratio Lower Upper
117 100
119 89.8 76.8 115.2
121 28.6 23.8 35.8





#39

Methylcyclohexane

Concen: 18.193 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

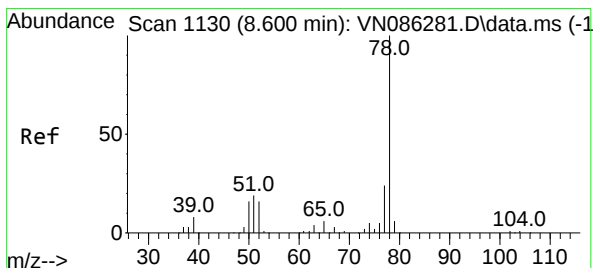
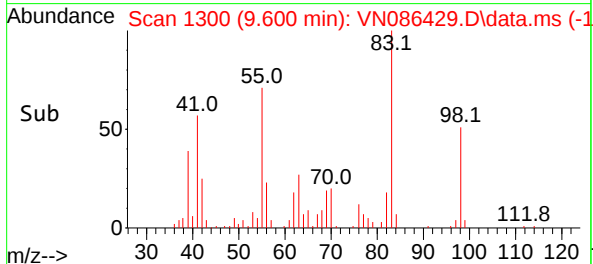
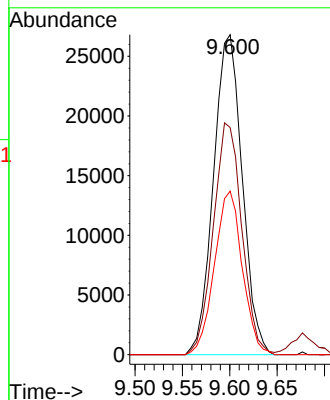
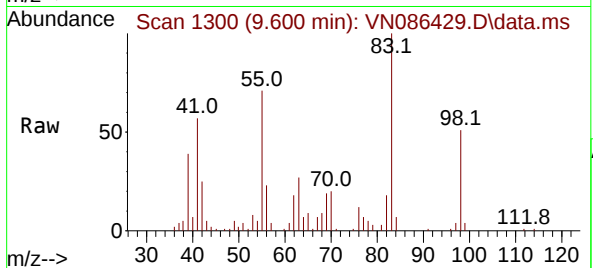
Tgt Ion: 83 Resp: 5665
 Ion Ratio Lower Upper
 83 100
 55 71.0 59.8 89.8
 98 51.1 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#40

Benzene

Concen: 19.135 ug/l

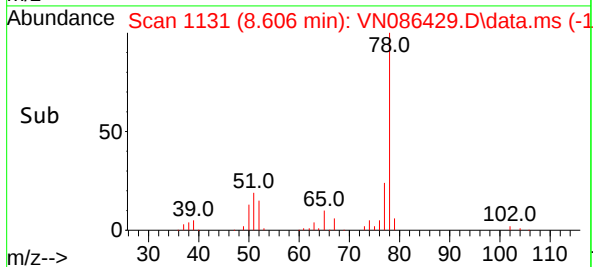
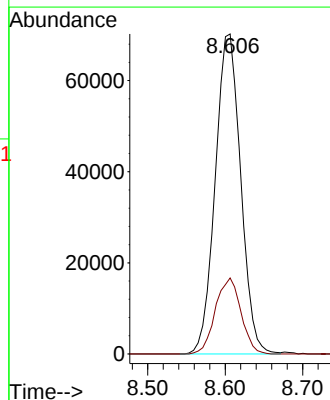
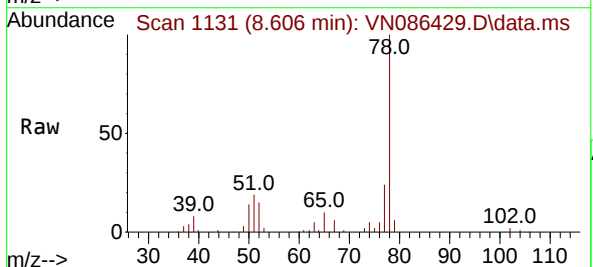
RT: 8.606 min Scan# 1131

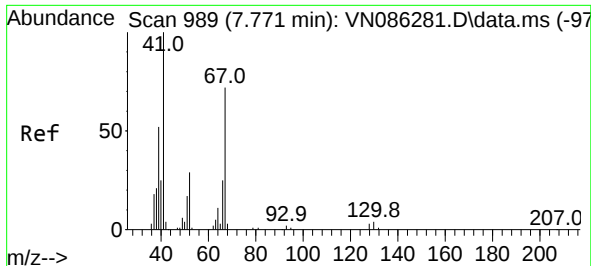
Delta R.T. 0.006 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Tgt Ion: 78 Resp: 160621
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.4 29.2





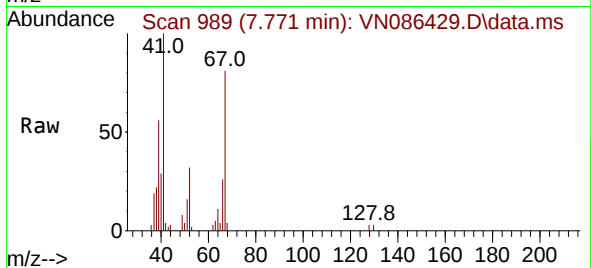
#41
Methacrylonitrile
Concen: 17.636 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01



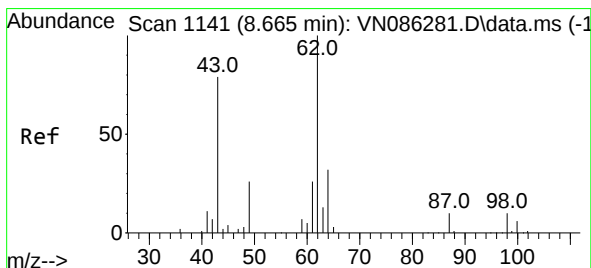
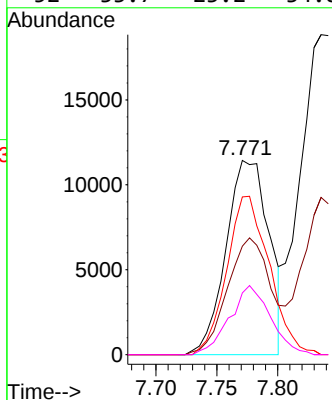
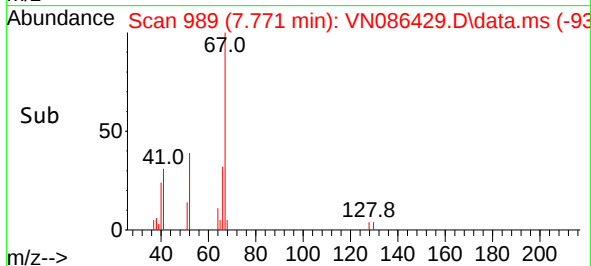
Tgt Ion:	41	Resp:	2819
Ion Ratio	100	Lower	Upper
39	62.0	43.0	64.4
67	80.4	58.8	88.2
52	33.7	23.2	34.8

Manual Integrations

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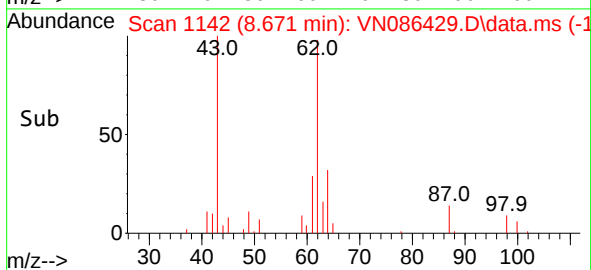
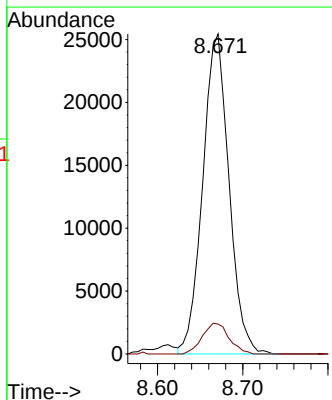
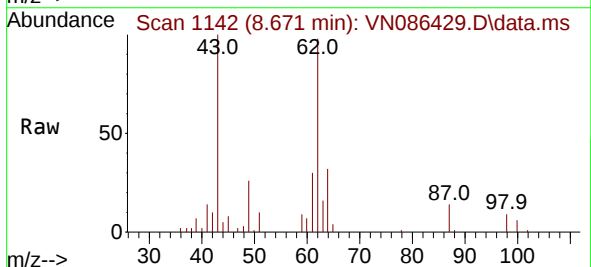
Reviewed By :John Carlone 05/02/2025

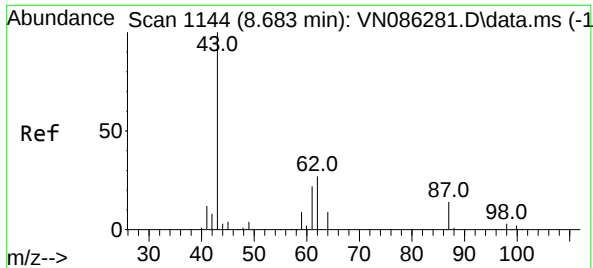
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 20.385 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion:	62	Resp:	54567
Ion Ratio	100	Lower	Upper
98	9.8	0.0	19.2





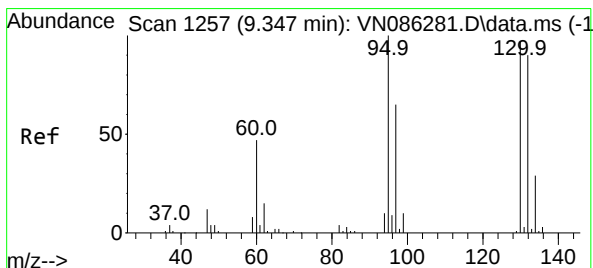
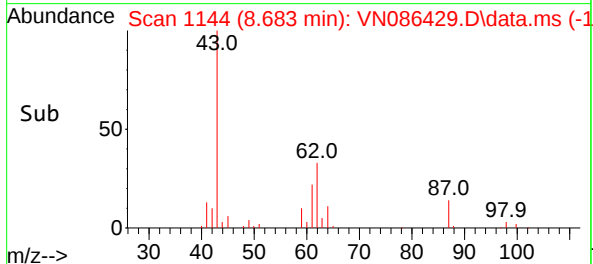
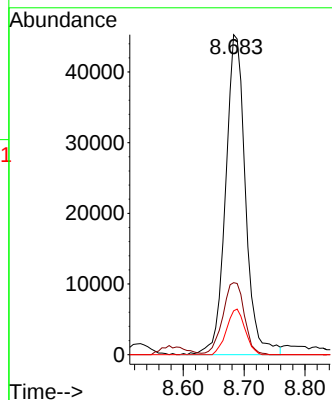
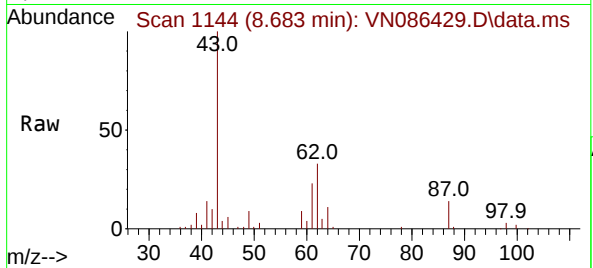
#43
Isopropyl Acetate
Concen: 19.351 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 43 Resp: 102750
Ion Ratio Lower Upper
43 100
61 24.4 20.5 30.7
87 13.3 10.5 15.7

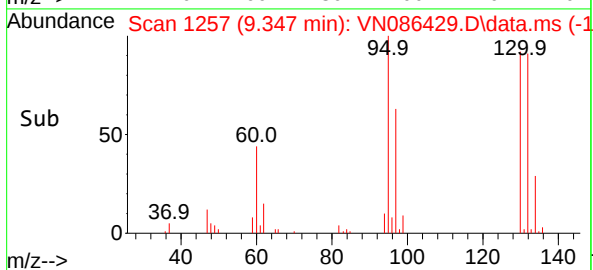
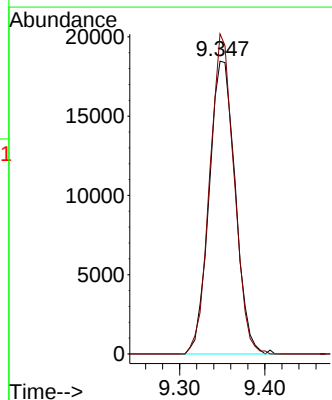
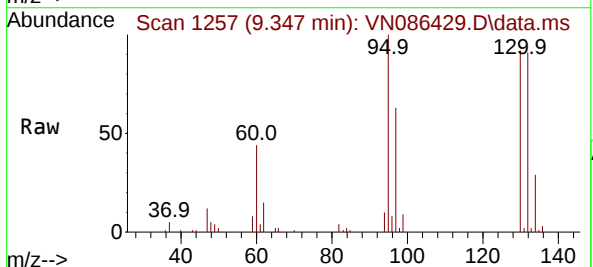
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#44
Trichloroethene
Concen: 19.734 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion:130 Resp: 39263
Ion Ratio Lower Upper
130 100
95 109.3 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.413 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tgt Ion: 63 Resp: 3988

Ion Ratio Lower Upper

63 100

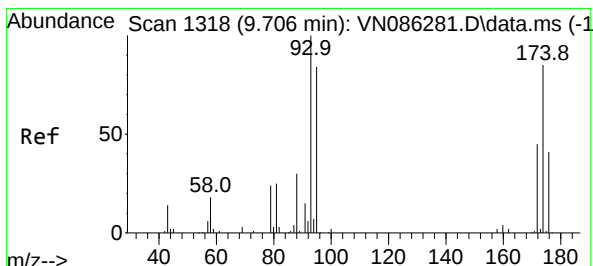
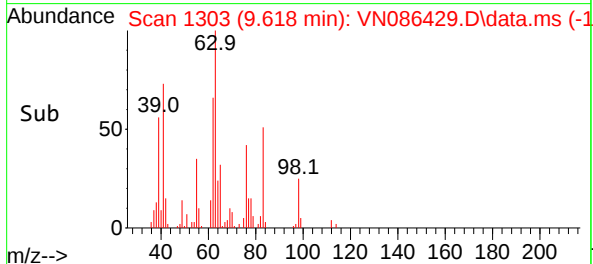
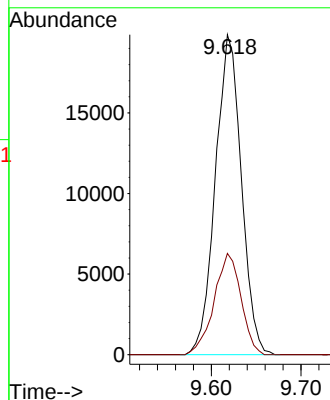
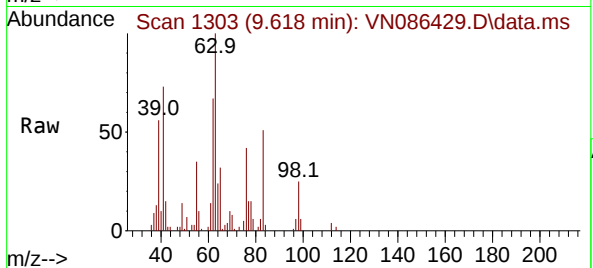
65 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#46

Dibromomethane

Concen: 20.728 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

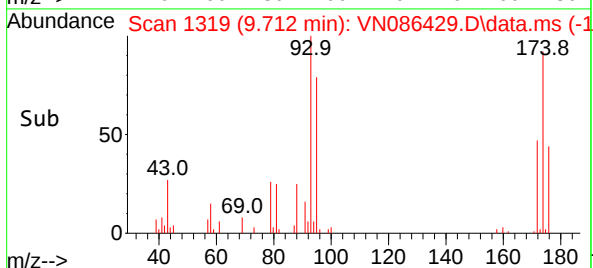
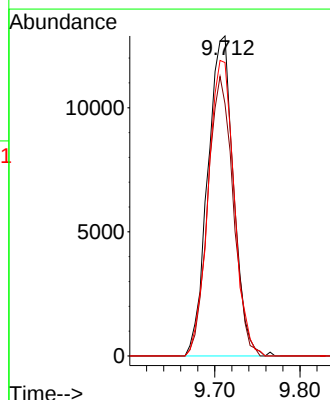
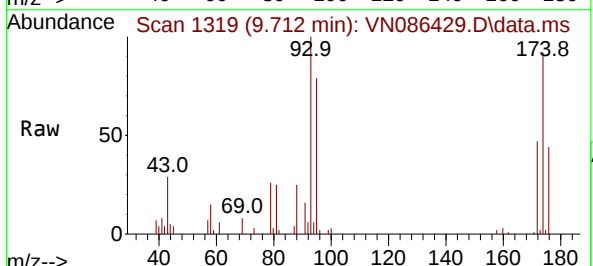
Tgt Ion: 93 Resp: 27137

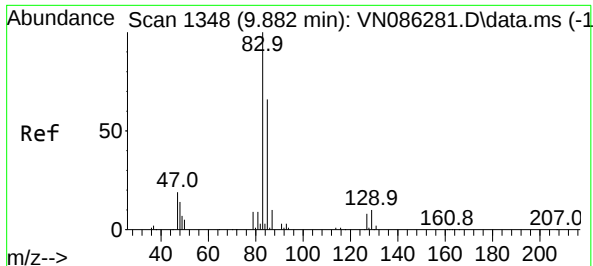
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

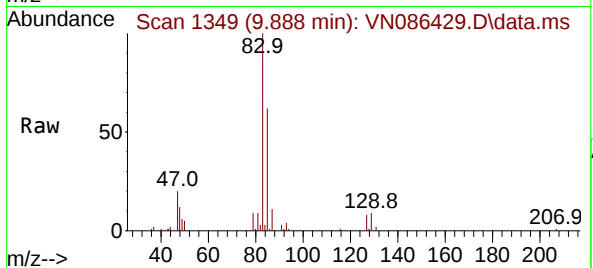
174 92.4 67.8 101.6





#47
Bromodichloromethane
Concen: 19.782 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

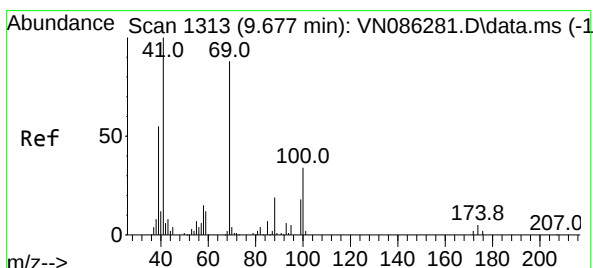
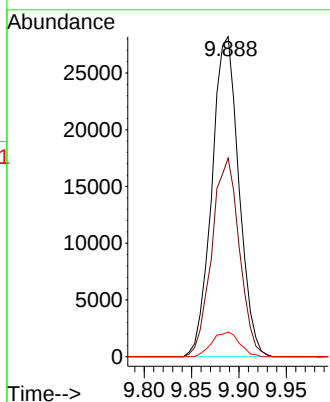
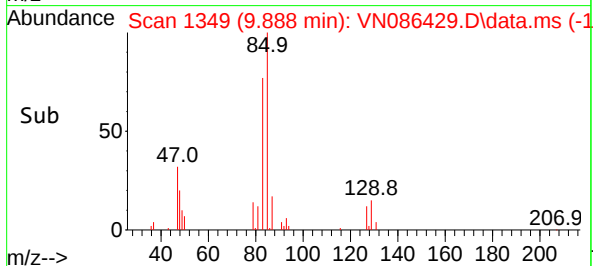
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



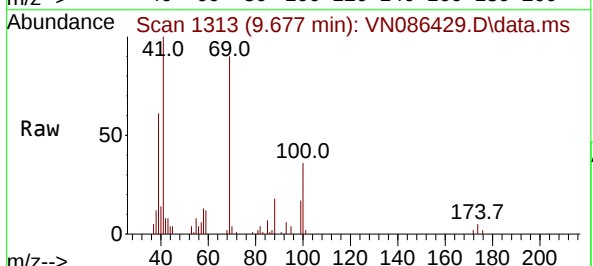
Tgt Ion: 83 Resp: 55930
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8
127 7.7 6.1 9.1

Manual Integrations
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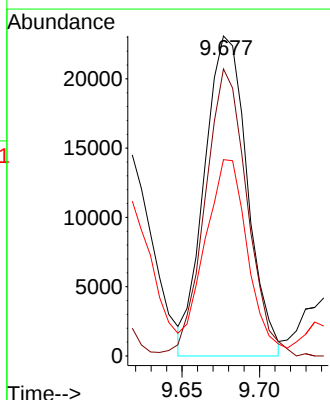
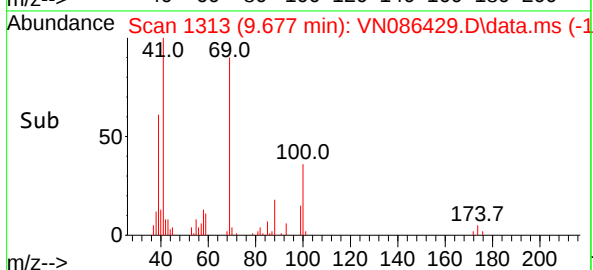
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

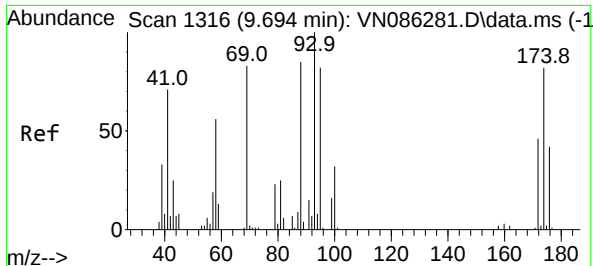


#48
Methyl methacrylate
Concen: 18.353 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion: 41 Resp: 44455
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.2
39 61.6 45.2 67.8





#49

1,4-Dioxane

Concen: 430.446 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBSD01

Tgt Ion: 88 Resp: 1773

Ion Ratio Lower Upper

88 100

43 25.6 23.8 35.8

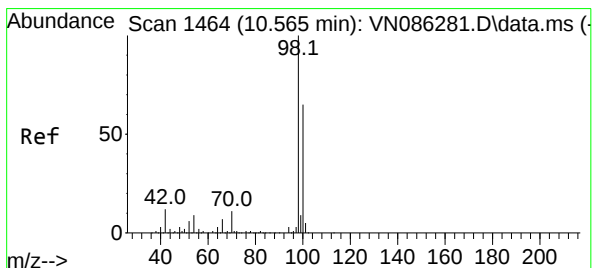
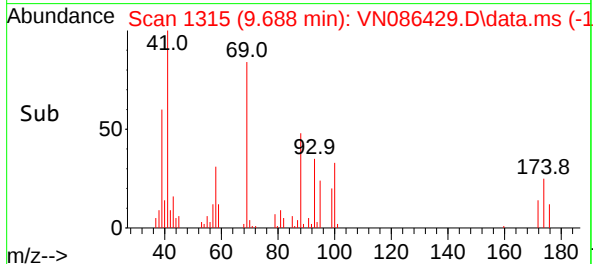
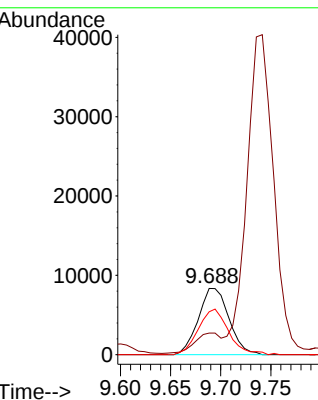
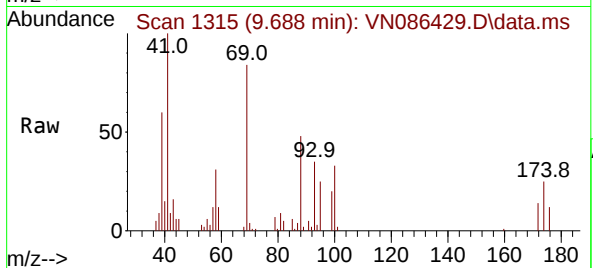
58 68.3 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#50

Toluene-d8

Concen: 49.900 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086429.D

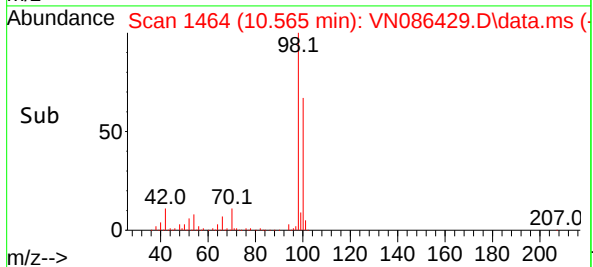
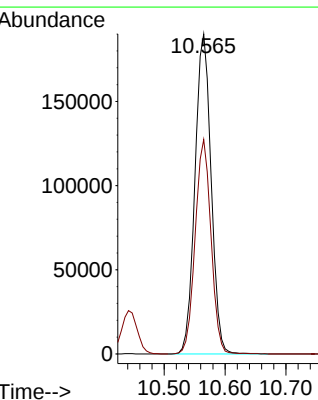
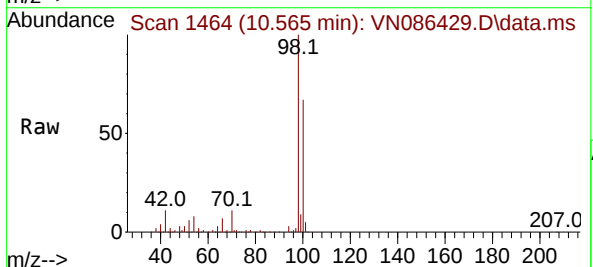
Acq: 30 Apr 2025 12:13

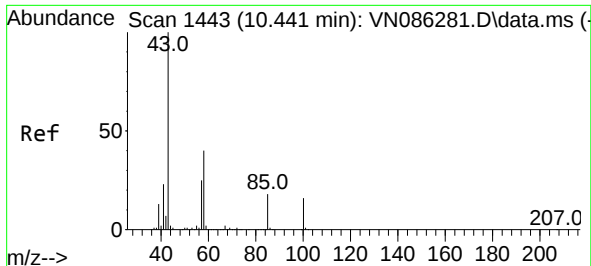
Tgt Ion: 98 Resp: 349820

Ion Ratio Lower Upper

98 100

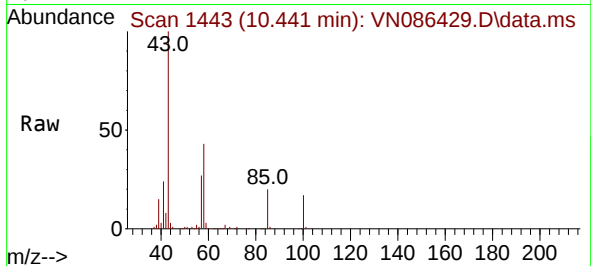
100 65.8 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 98.566 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

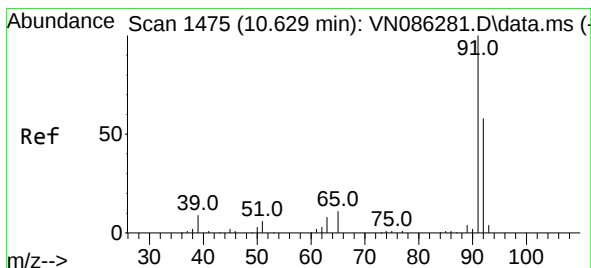
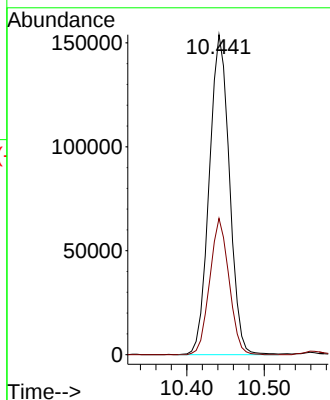
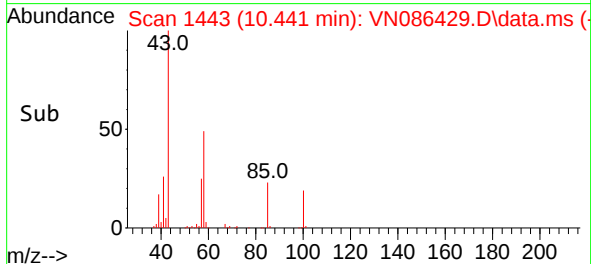
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



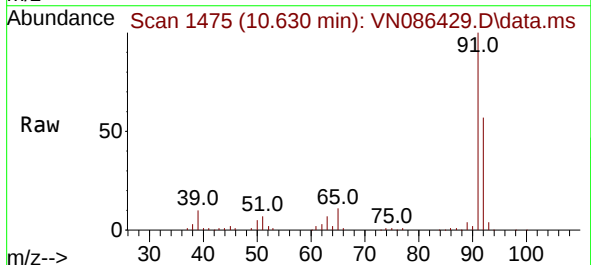
Tgt Ion: 43 Resp: 278390
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.4

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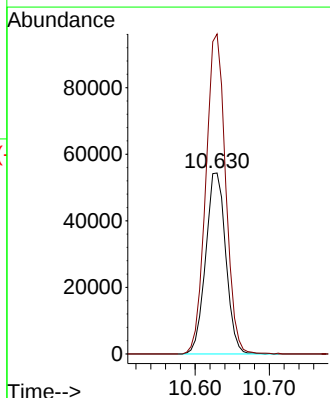
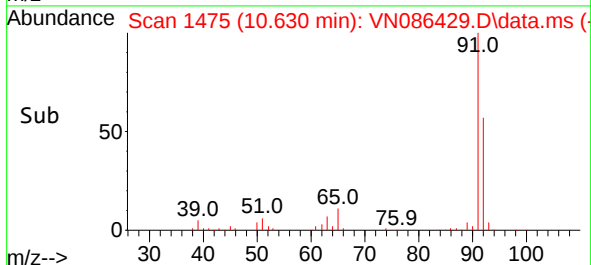
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

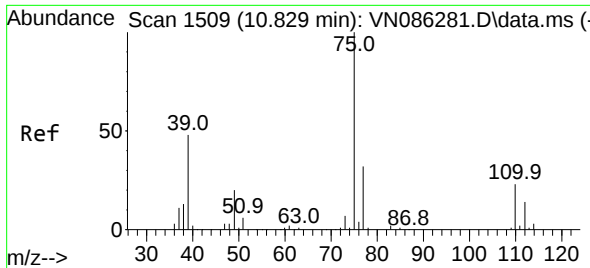


#52
Toluene
Concen: 19.577 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion: 92 Resp: 102538
Ion Ratio Lower Upper
92 100
91 173.9 137.3 205.9





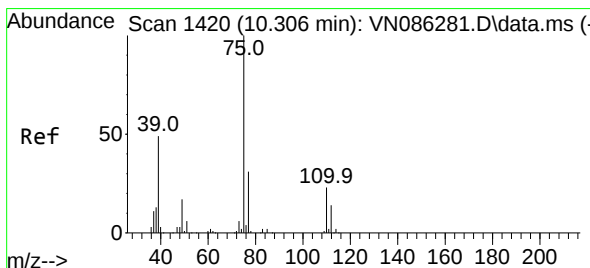
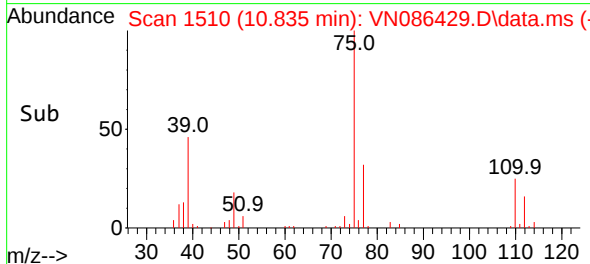
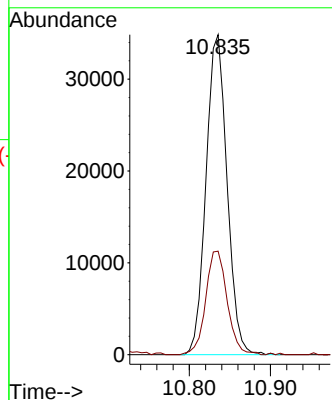
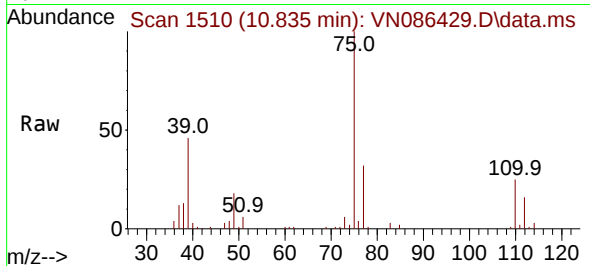
#53
t-1,3-Dichloropropene
Concen: 19.832 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 75 Resp: 62598
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

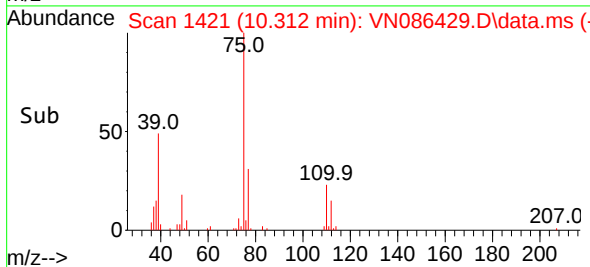
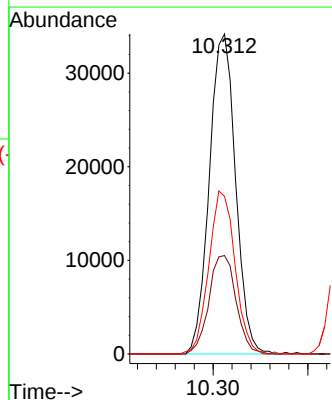
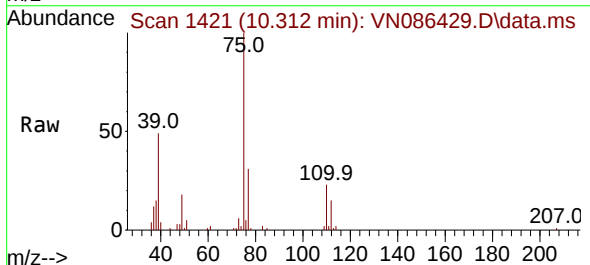
Manual Integrations
APPROVED

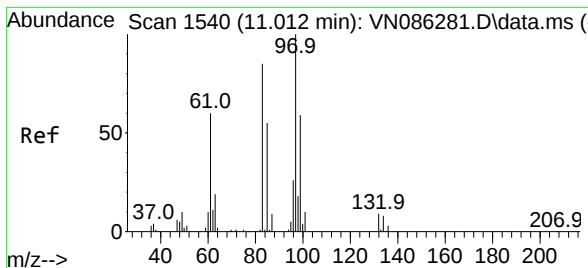
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#54
cis-1,3-Dichloropropene
Concen: 18.909 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

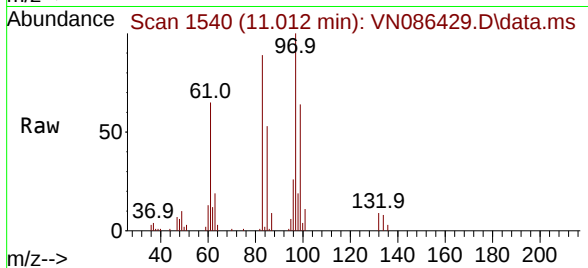
Tgt Ion: 75 Resp: 65555
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 49.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 20.607 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

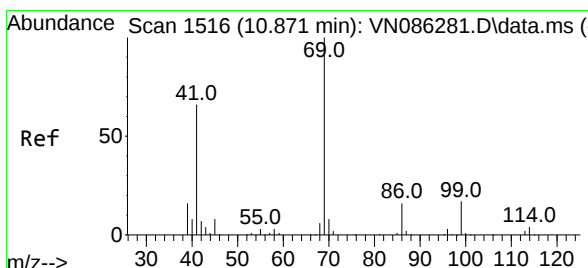
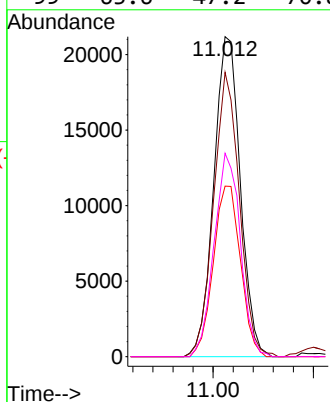
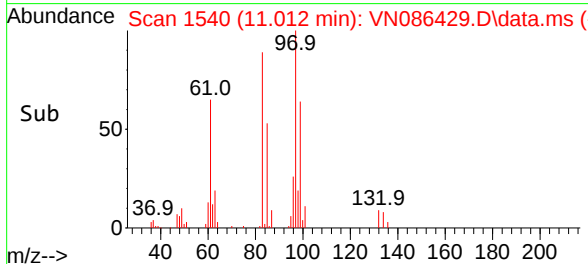
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



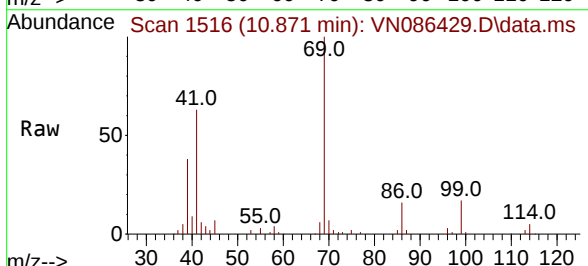
Tgt Ion:	97	Resp:	38834
Ion	Ratio	Lower	Upper
97	100		
83	88.9	68.4	102.6
85	53.3	43.9	65.9
99	63.6	47.2	70.8

Manual Integrations
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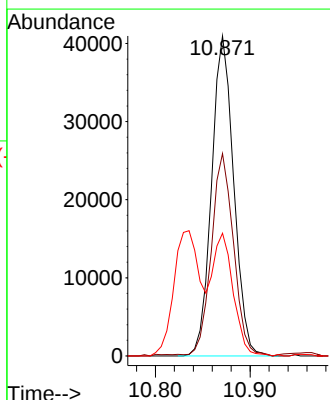
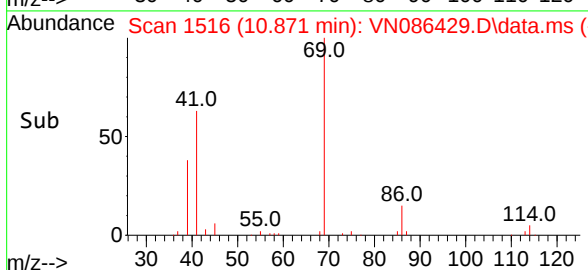
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

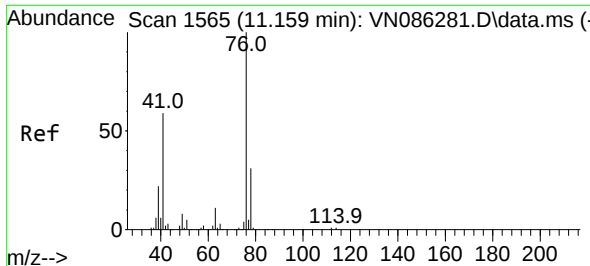


#56
Ethyl methacrylate
Concen: 19.164 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



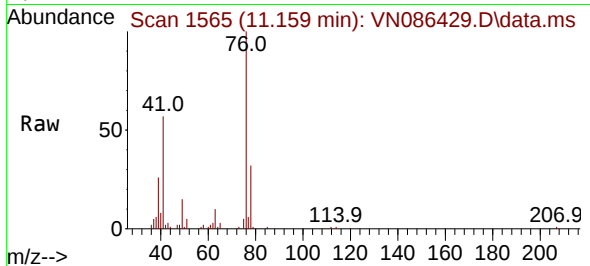
Tgt Ion:	69	Resp:	66383
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.7	77.5
39	36.2	26.3	39.5





#57
1,3-Dichloropropane
Concen: 20.099 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

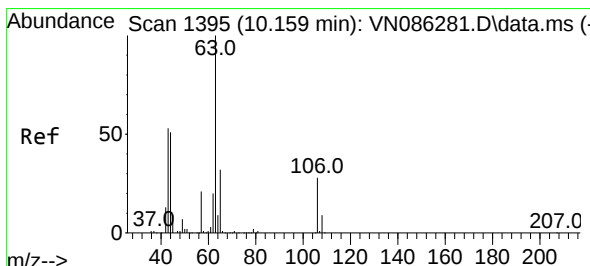
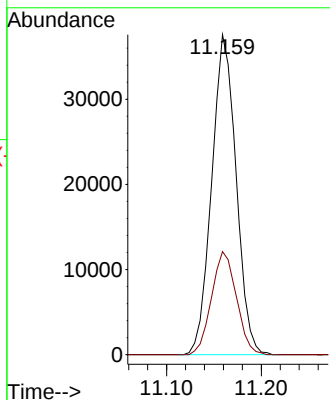
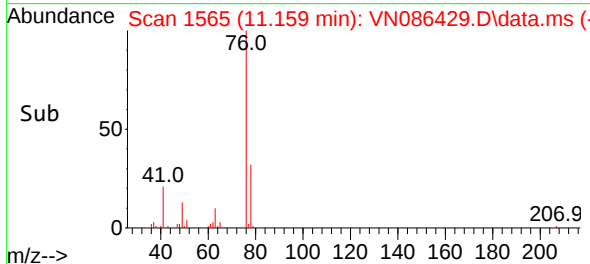
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion: 76 Resp: 67200
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

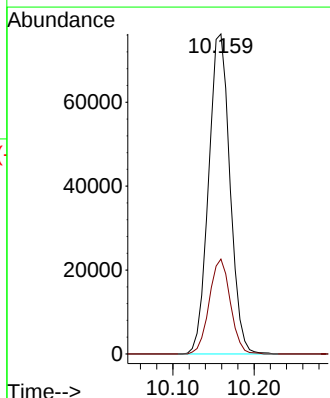
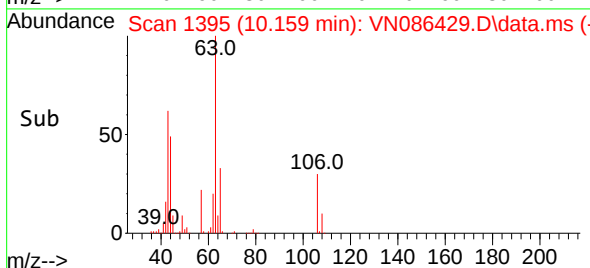
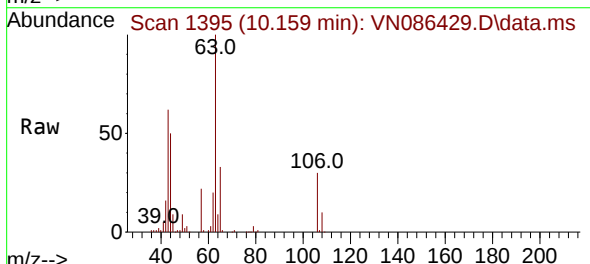
Manual Integrations
APPROVED

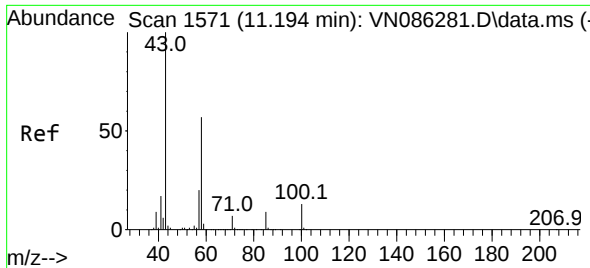
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 84.766 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

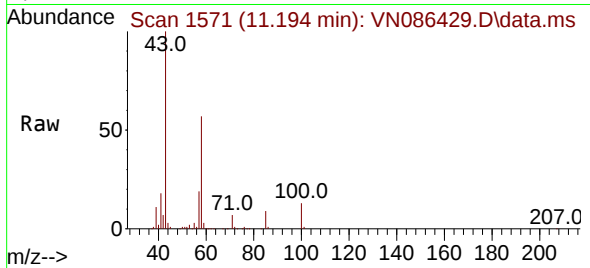
Tgt Ion: 63 Resp: 139365
Ion Ratio Lower Upper
63 100
106 29.2 22.2 33.2





#59
2-Hexanone
Concen: 99.143 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

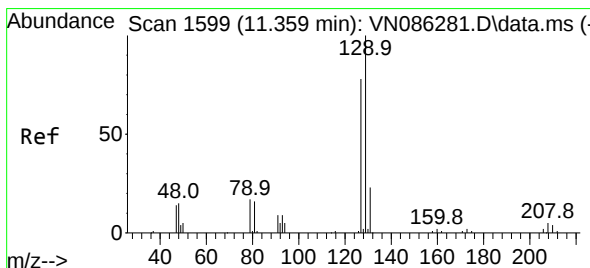
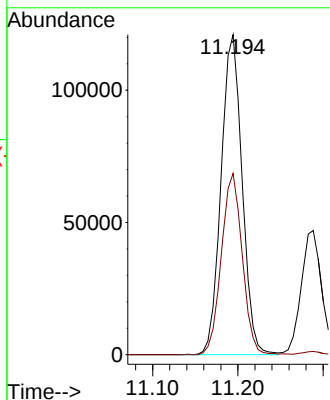
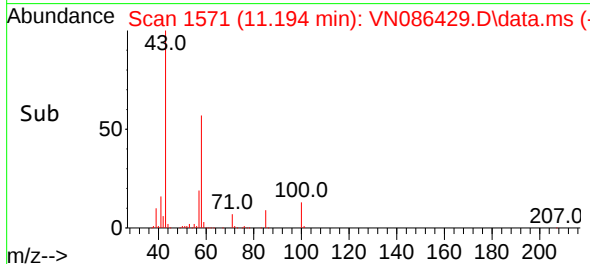
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion: 43 Resp: 207704
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0

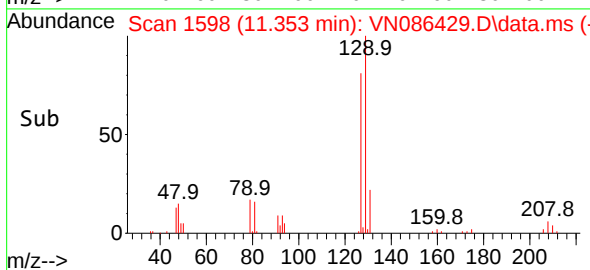
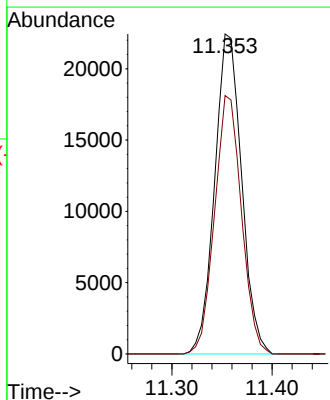
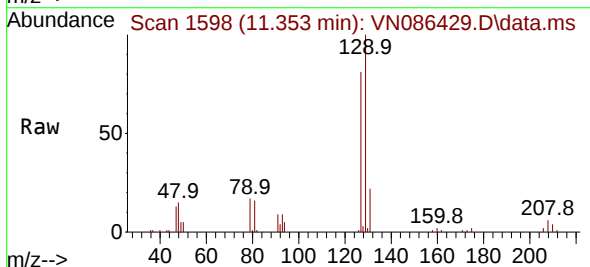
Manual Integrations
APPROVED

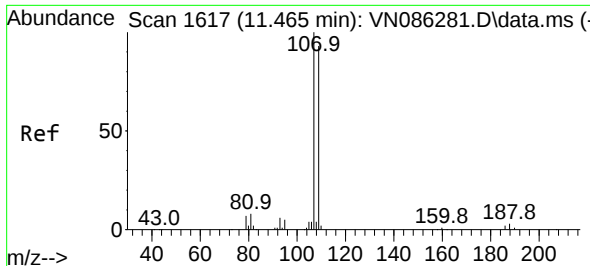
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 20.235 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

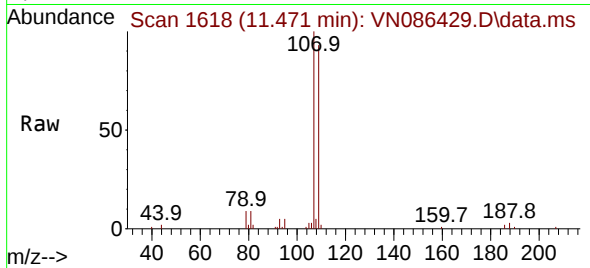
Tgt Ion:129 Resp: 41873
Ion Ratio Lower Upper
129 100
127 80.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 20.855 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

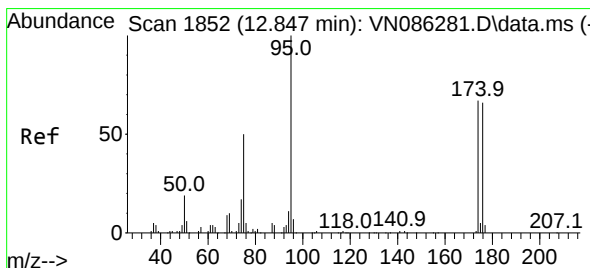
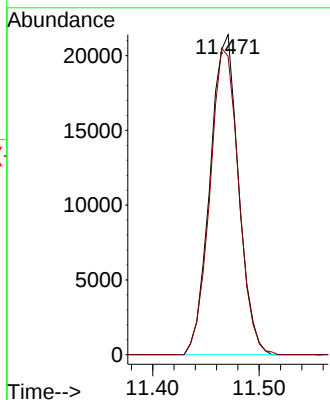
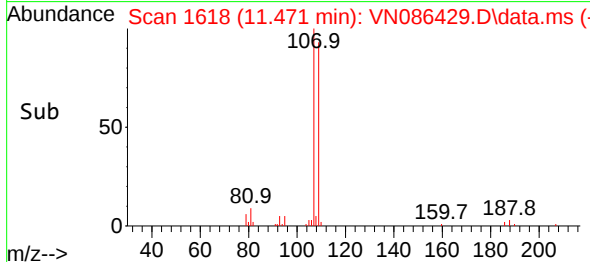
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



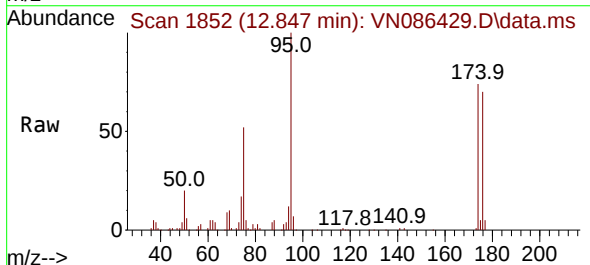
Tgt Ion:107 Resp: 39650
Ion Ratio Lower Upper
107 100
109 96.7 75.4 113.0

Manual Integrations
APPROVED

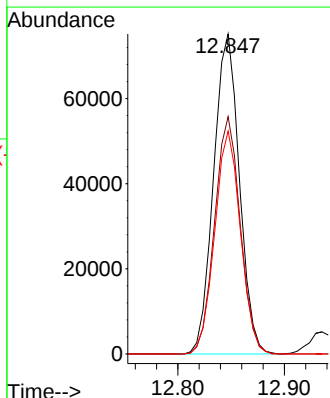
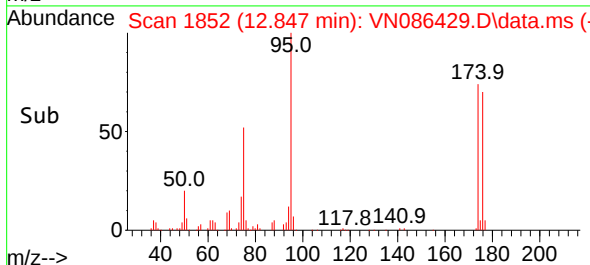
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

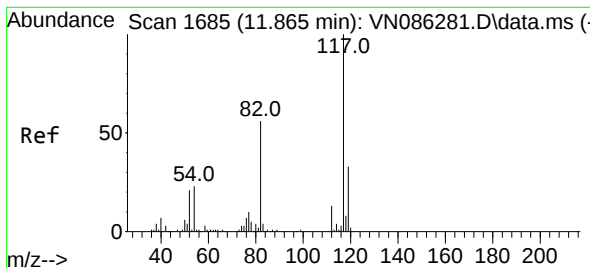


#62
4-Bromofluorobenzene
Concen: 49.353 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion: 95 Resp: 126196
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 69.5 0.0 129.2





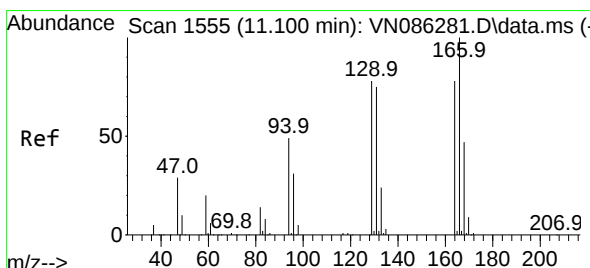
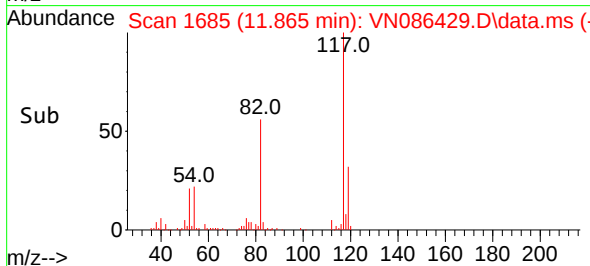
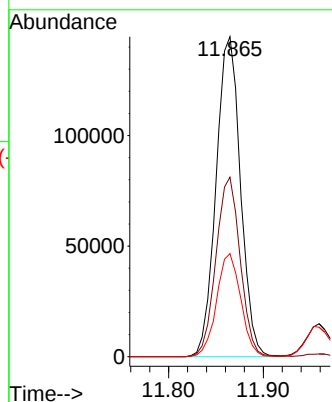
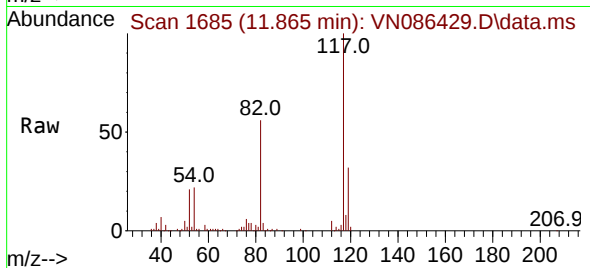
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion:117 Resp: 259038
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.2 26.4 39.6

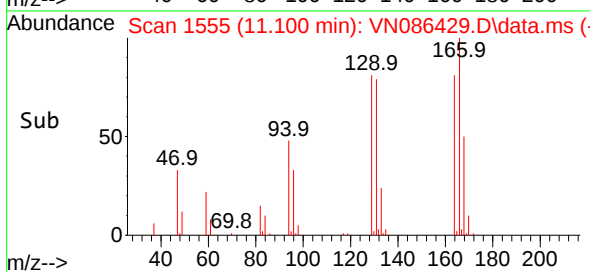
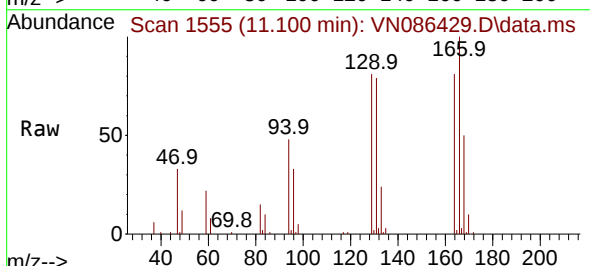
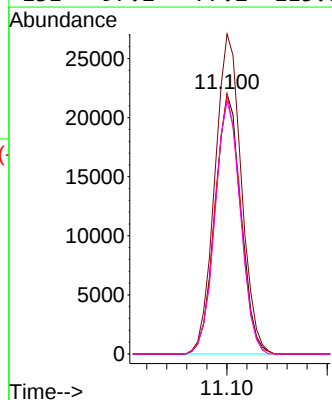
Manual Integrations
APPROVED

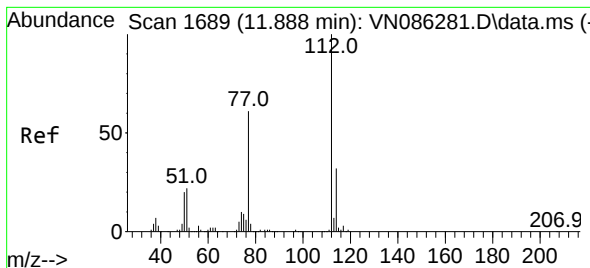
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#64
Tetrachloroethene
Concen: 19.751 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

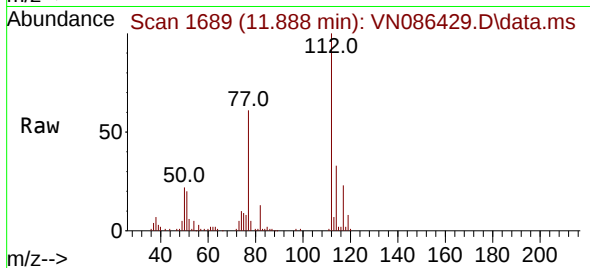
Tgt Ion:164 Resp: 39354
Ion Ratio Lower Upper
164 100
166 123.1 103.0 154.4
129 99.9 80.1 120.1
131 97.2 77.2 115.8





#65
Chlorobenzene
Concen: 18.960 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

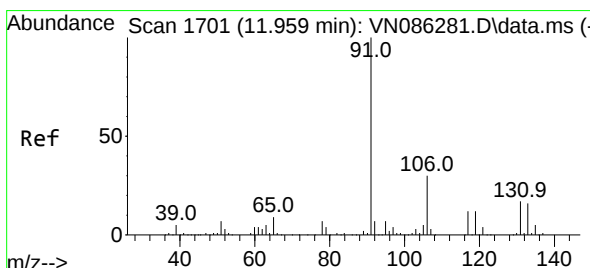
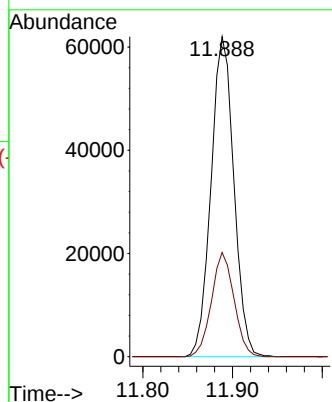
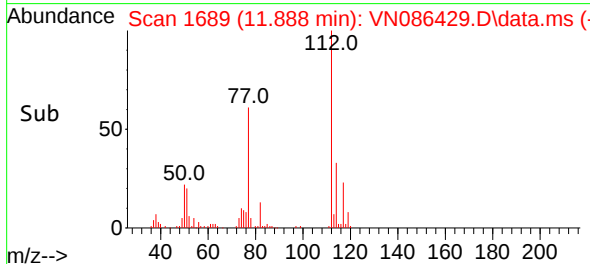
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



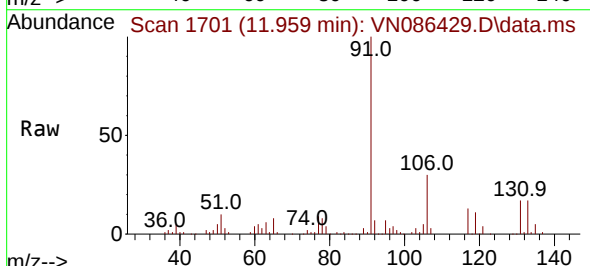
Tgt Ion:112 Resp: 10960
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

Manual Integrations
APPROVED

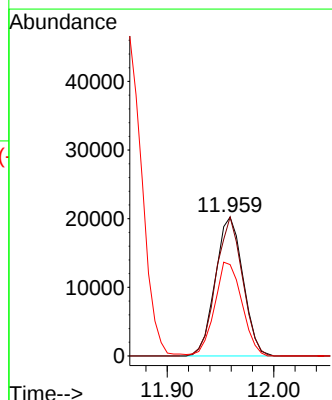
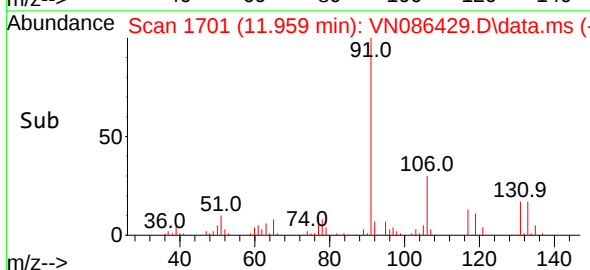
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

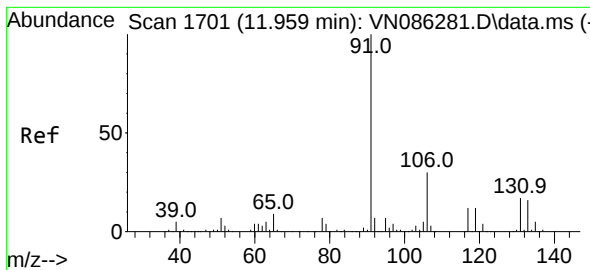


#66
1,1,1,2-Tetrachloroethane
Concen: 19.163 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



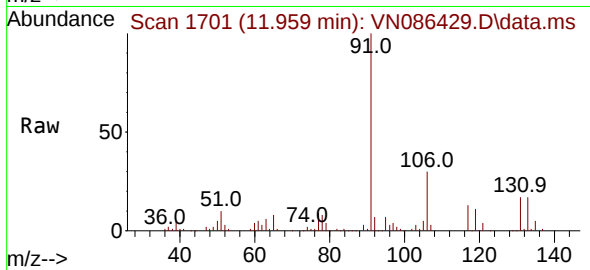
Tgt Ion:131 Resp: 36545
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.3
119 66.4 33.8 101.4





#67
Ethyl Benzene
Concen: 18.866 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

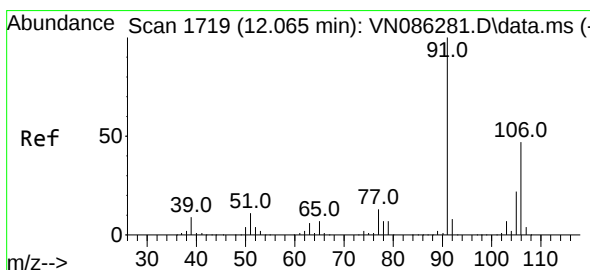
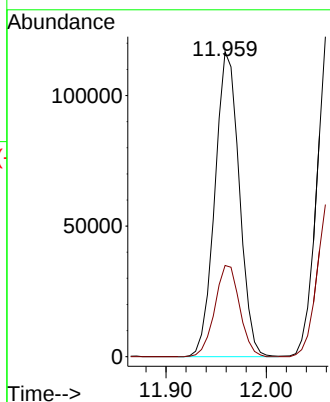
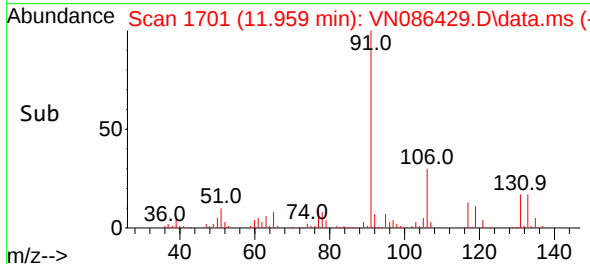
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



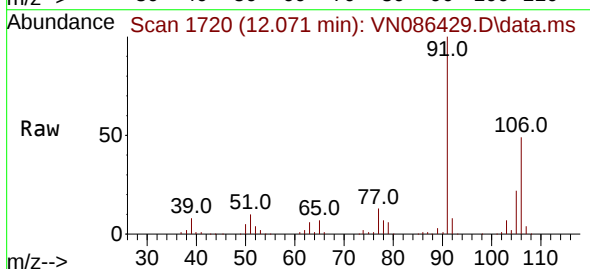
Tgt Ion: 91 Resp: 196800
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

Manual Integrations
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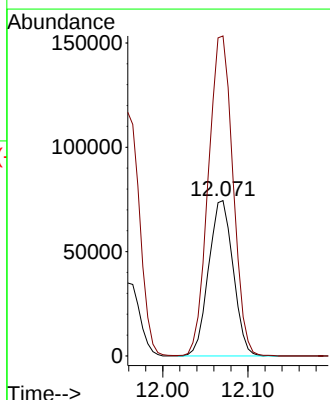
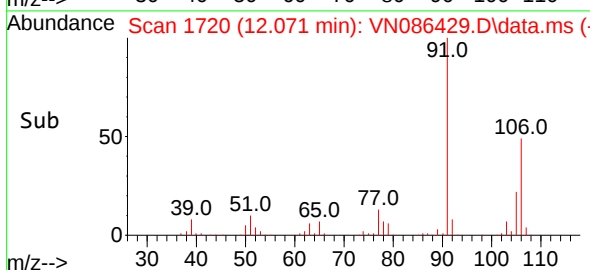
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

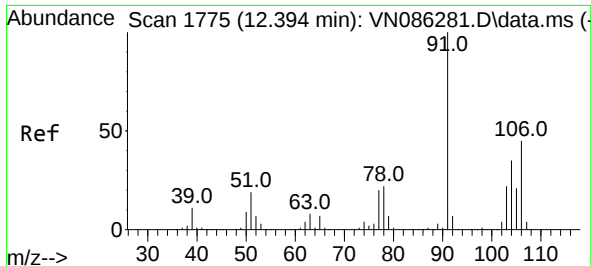


#68
m/p-Xylenes
Concen: 38.080 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion:106 Resp: 148843
Ion Ratio Lower Upper
106 100
91 207.1 166.5 249.7





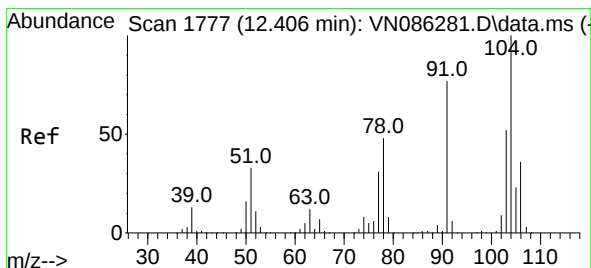
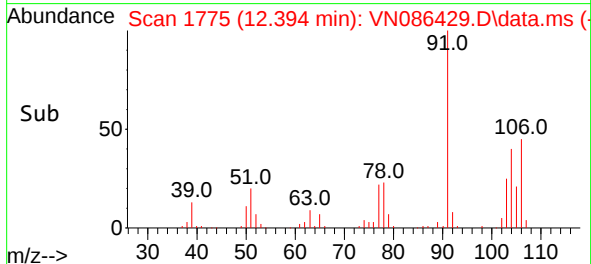
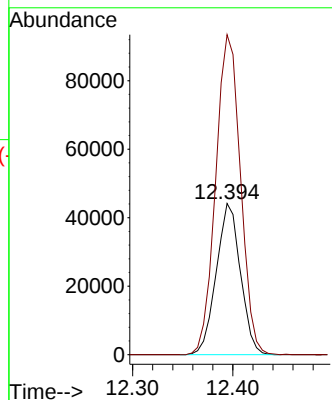
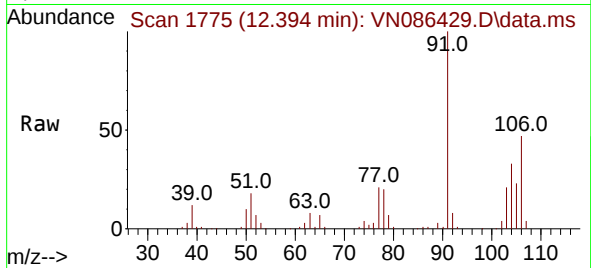
#69
o-Xylene
Concen: 19.075 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion:106 Resp: 7373
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.0

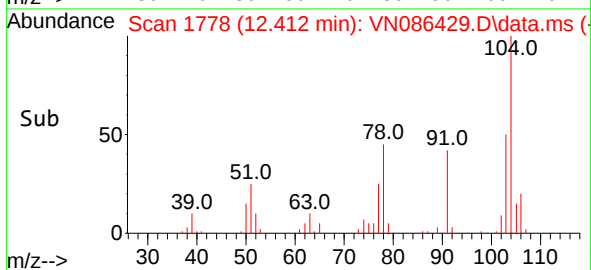
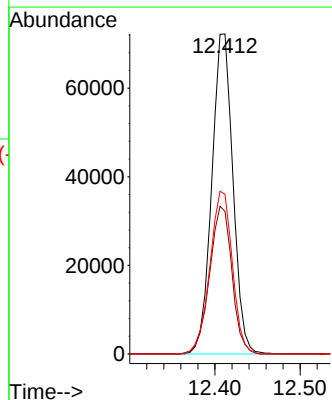
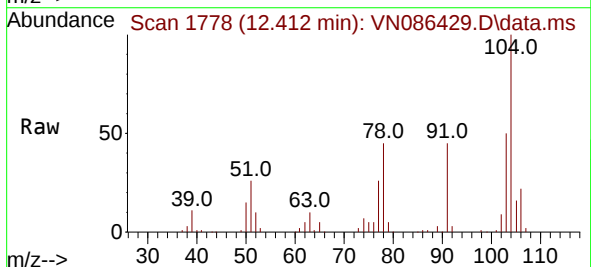
Manual Integrations
APPROVED

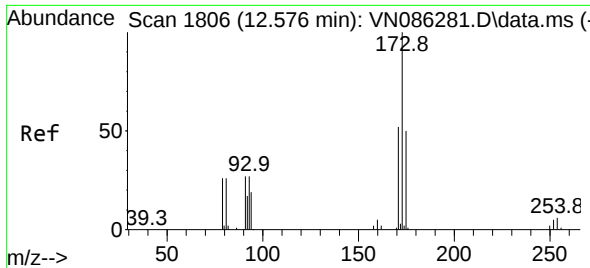
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 19.344 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

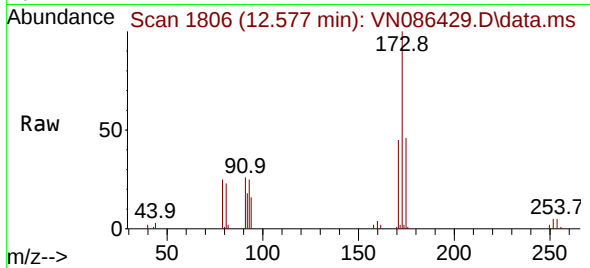
Tgt Ion:104 Resp: 124591
Ion Ratio Lower Upper
104 100
78 48.8 40.6 61.0
103 54.1 43.6 65.4





#71
Bromoform
Concen: 19.949 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

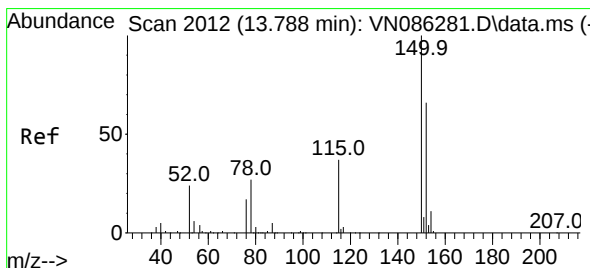
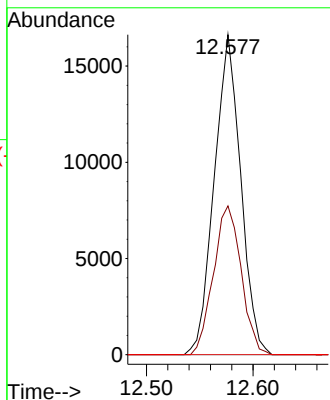
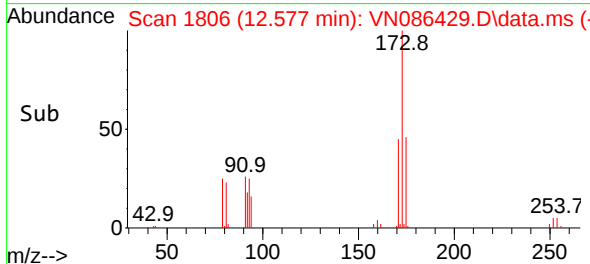
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



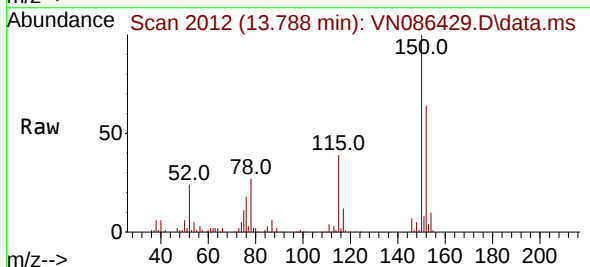
Tgt Ion:173 Resp: 2864
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

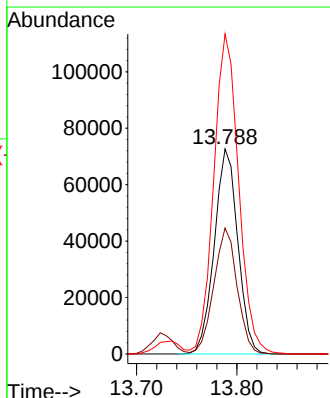
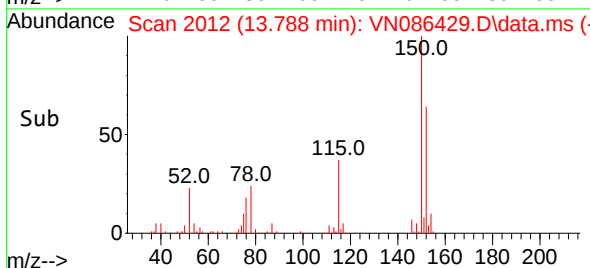
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

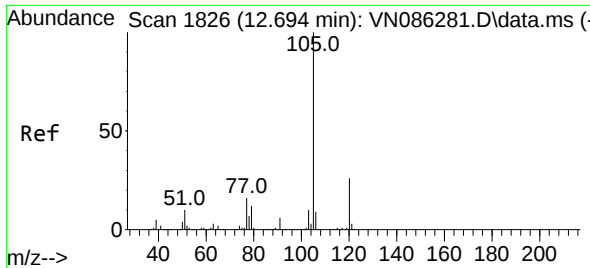


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



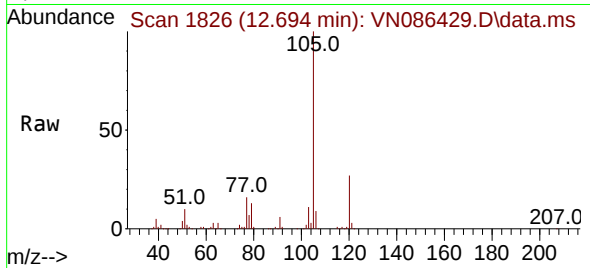
Tgt Ion:152 Resp: 117997
Ion Ratio Lower Upper
152 100
115 61.1 31.9 95.9
150 165.5 0.0 352.0





#73
Isopropylbenzene
Concen: 18.833 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

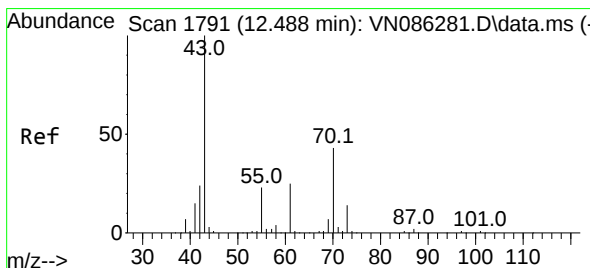
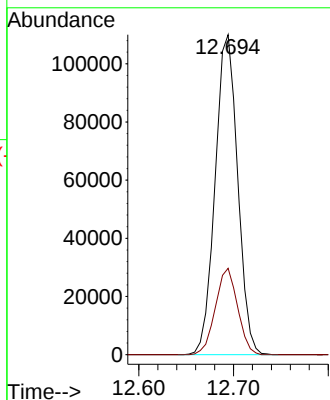
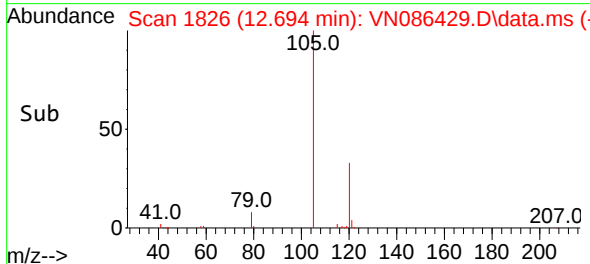
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion:105 Resp: 18178
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

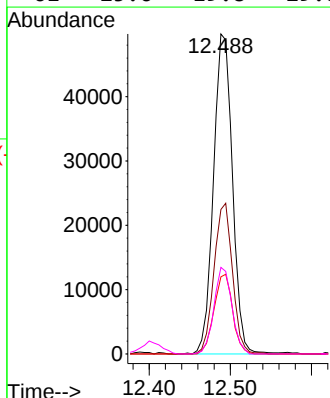
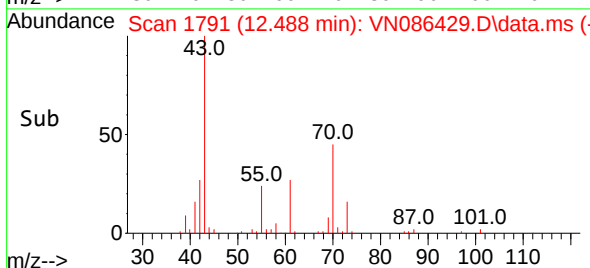
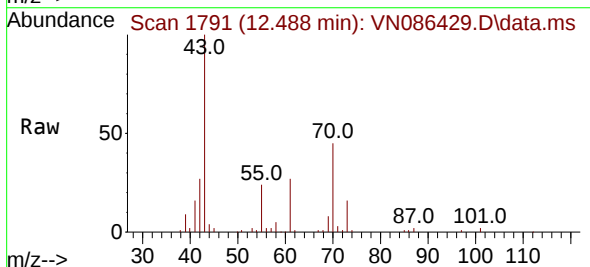
Manual Integrations
APPROVED

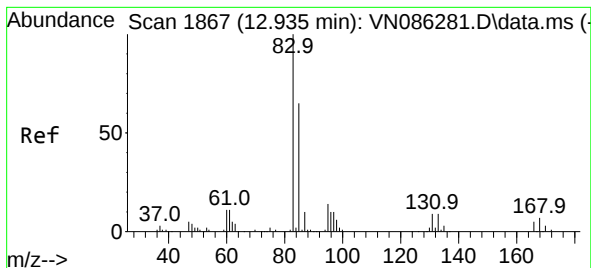
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#74
N-ethyl acetate
Concen: 16.814 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

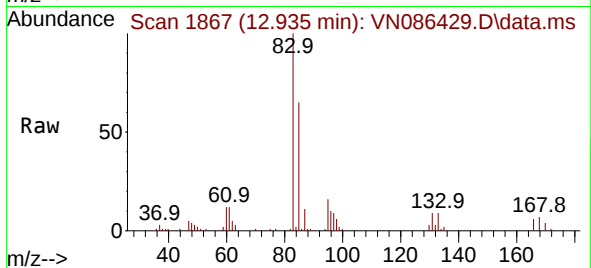
Tgt Ion: 43 Resp: 80795
Ion Ratio Lower Upper
43 100
70 46.0 35.0 52.4
55 24.4 19.0 28.4
61 25.6 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.948 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

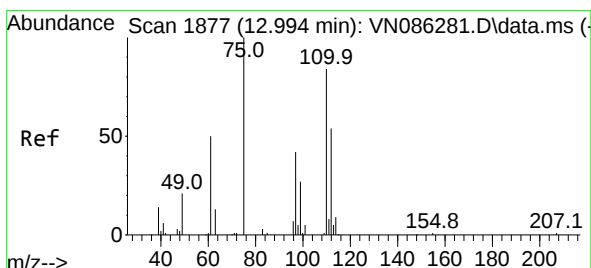
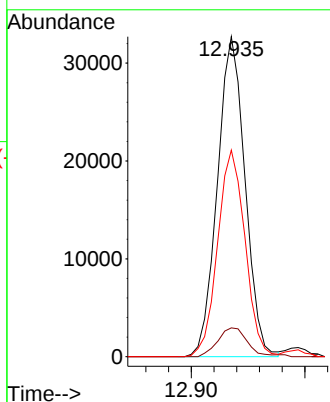
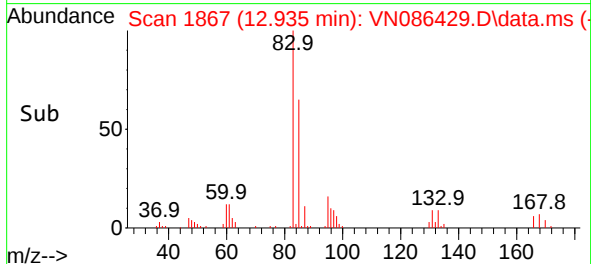
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



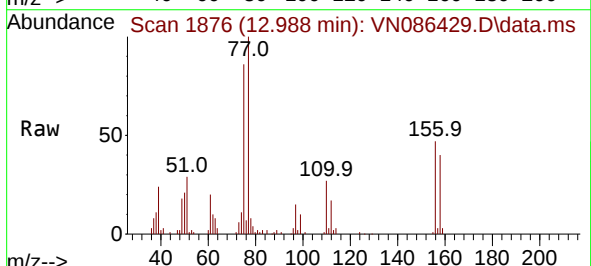
Tgt Ion: 83 Resp: 55362
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 63.9 32.7 98.1

Manual Integrations
APPROVED

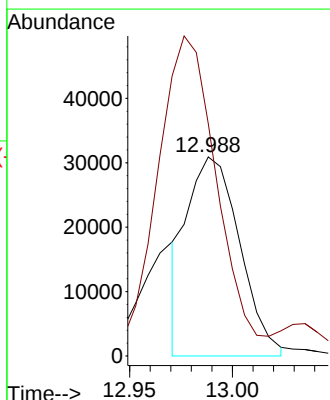
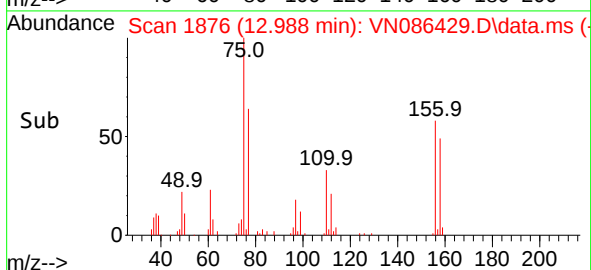
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

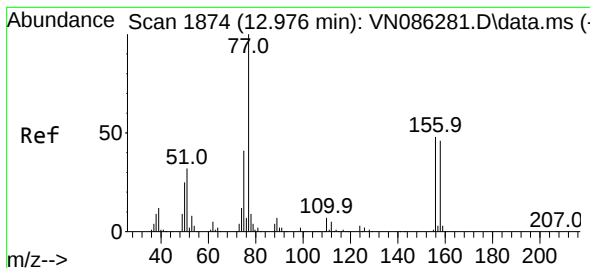


#76
1,2,3-Trichloropropane
Concen: 19.783 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



Tgt Ion: 75 Resp: 55088
Ion Ratio Lower Upper
75 100
77 183.1 98.8 296.4





#77

Bromobenzene

Concen: 20.464 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Instrument :

MSVOA_N

ClientSampleId :

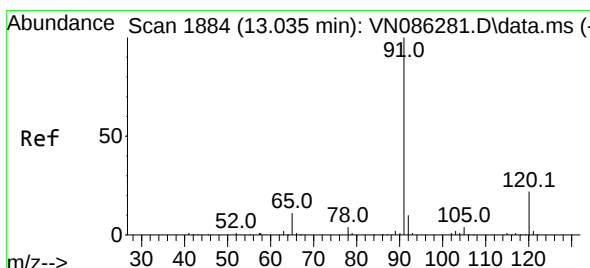
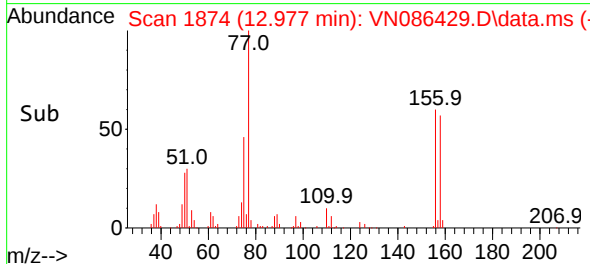
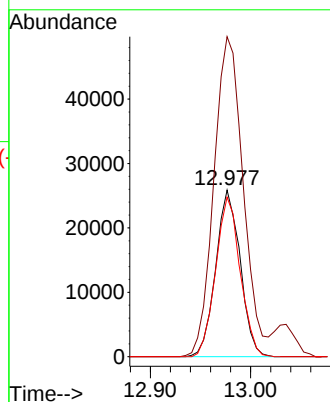
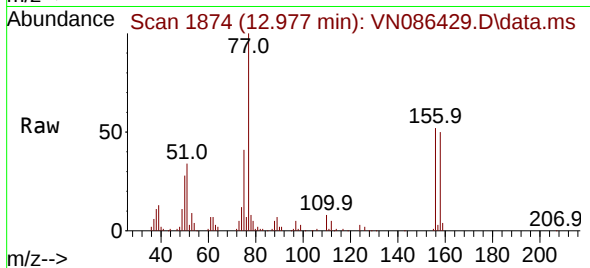
VN0430WBSD01

Tgt Ion:156 Resp: 43760
 Ion Ratio Lower Upper
 156 100
 77 230.4 121.1 363.1
 158 96.1 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#78

n-propylbenzene

Concen: 18.782 ug/l

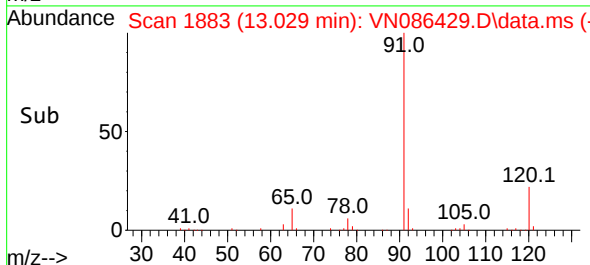
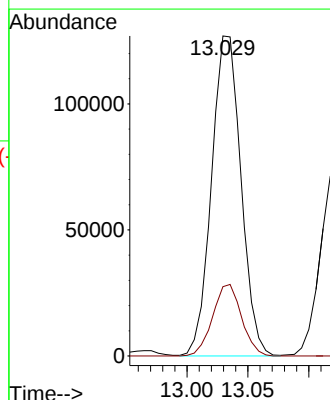
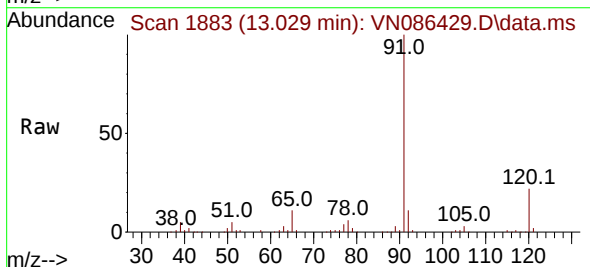
RT: 13.029 min Scan# 1883

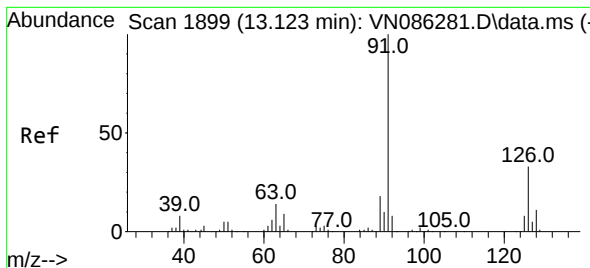
Delta R.T. -0.006 min

Lab File: VN086429.D

Acq: 30 Apr 2025 12:13

Tgt Ion: 91 Resp: 213629
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.1 33.3





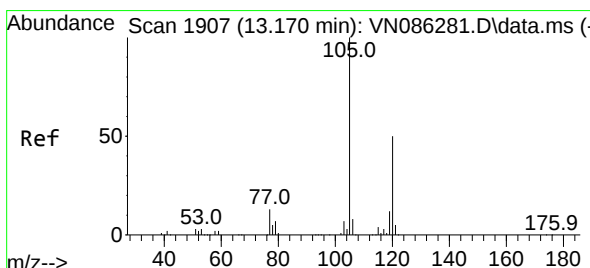
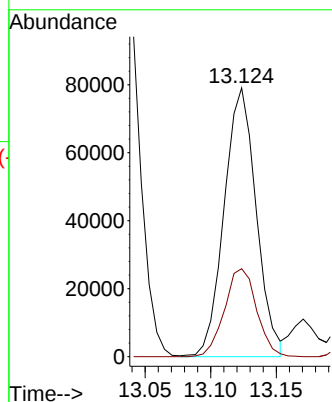
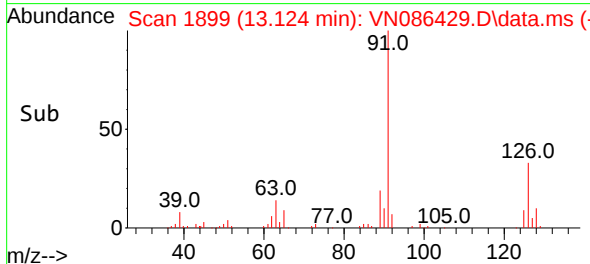
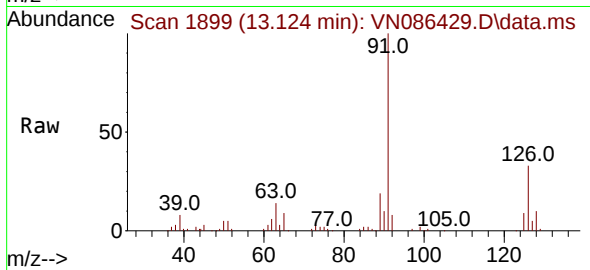
#79
2-Chlorotoluene
Concen: 18.900 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 91 Resp: 134519
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2

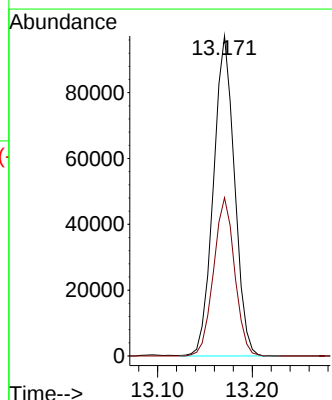
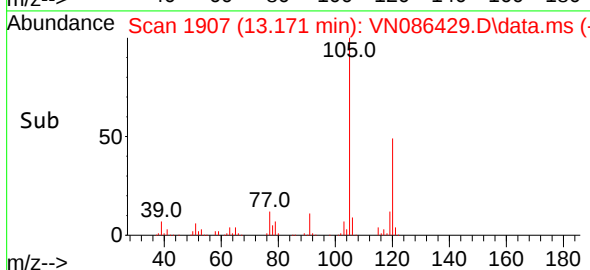
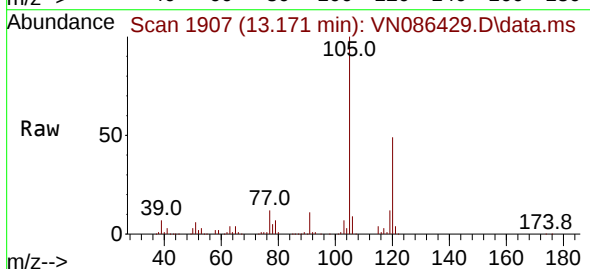
Manual Integrations
APPROVED

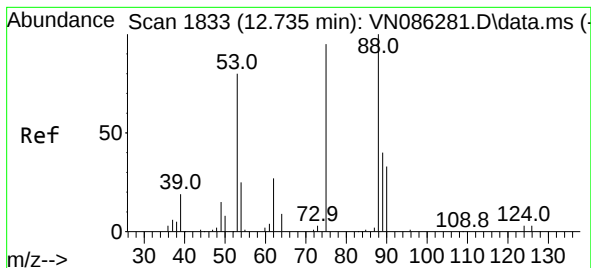
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.010 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

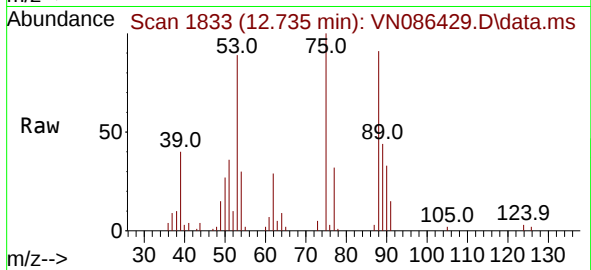
Tgt Ion:105 Resp: 150184
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.515 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

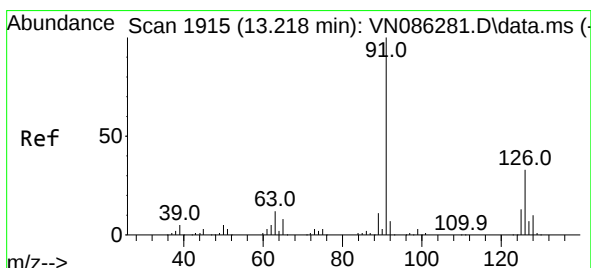
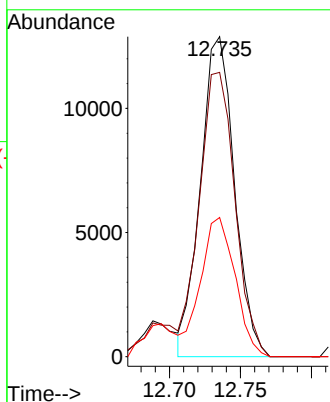
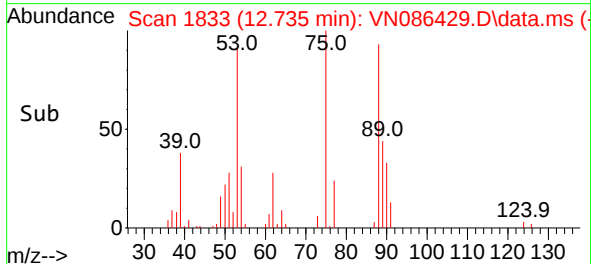
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



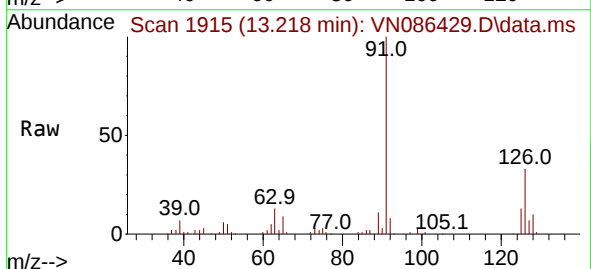
Tgt Ion: 75 Resp: 2146
Ion Ratio Lower Upper
75 100
53 103.9 79.2 118.8
89 44.5 35.7 53.5

Manual Integrations
APPROVED

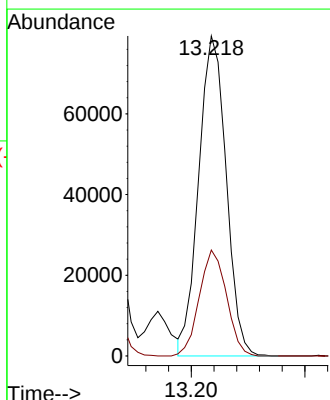
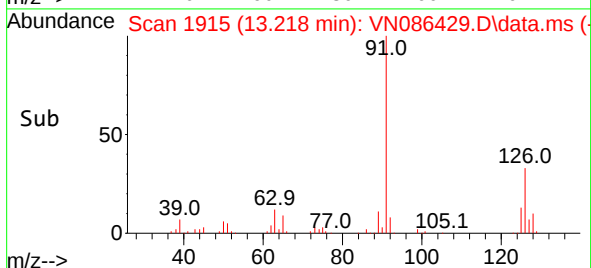
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

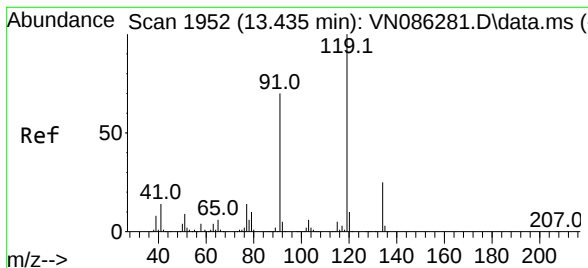


#82
4-Chlorotoluene
Concen: 18.860 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



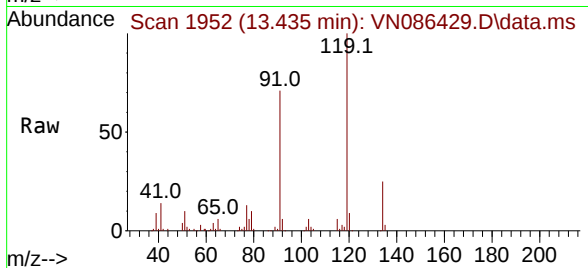
Tgt Ion: 91 Resp: 133340
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.336 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

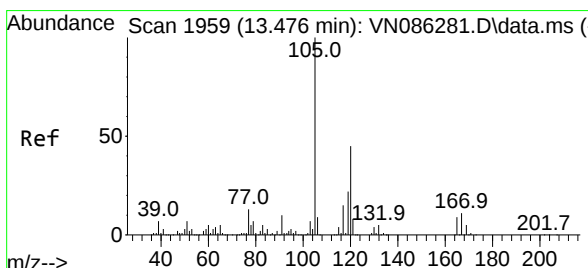
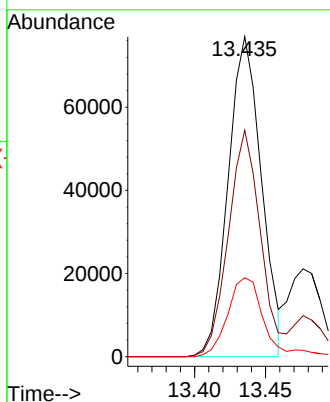
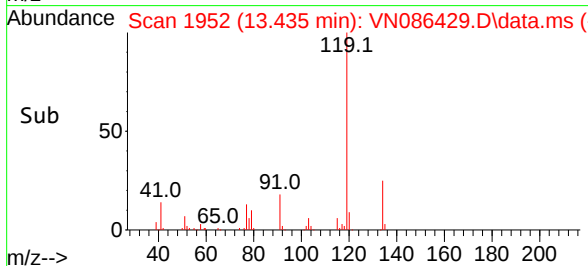
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



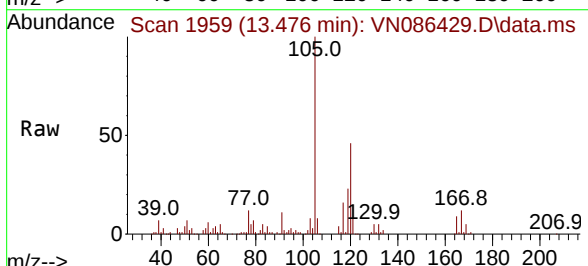
Tgt Ion:119 Resp: 125514
Ion Ratio Lower Upper
119 100
91 69.2 34.4 103.3
134 26.9 13.0 39.0

Manual Integrations
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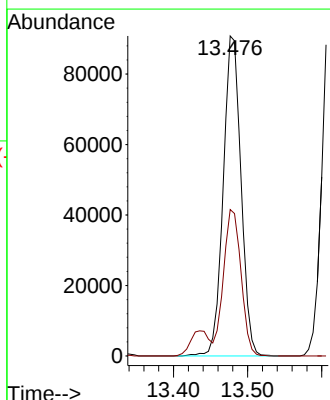
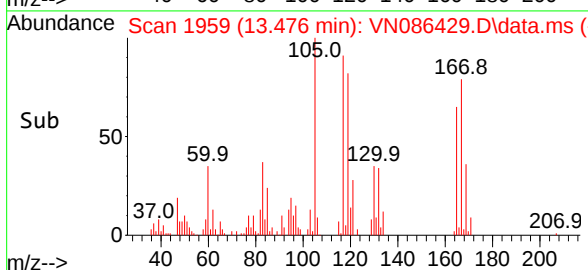
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

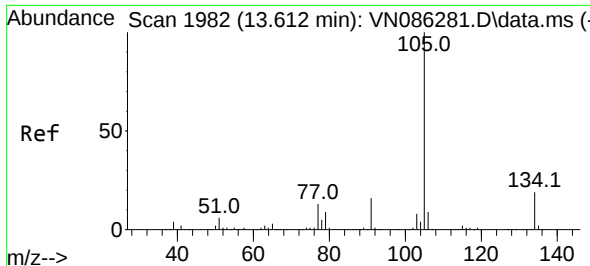


#84
1,2,4-Trimethylbenzene
Concen: 18.814 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



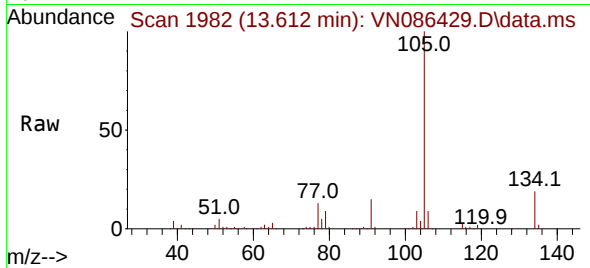
Tgt Ion:105 Resp: 151296
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.730 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13

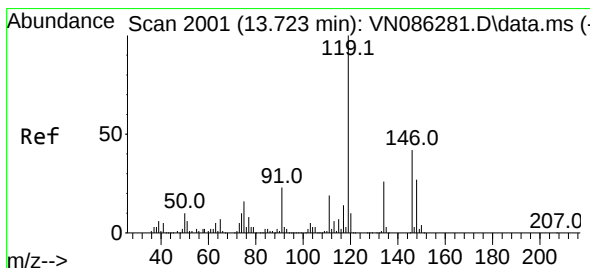
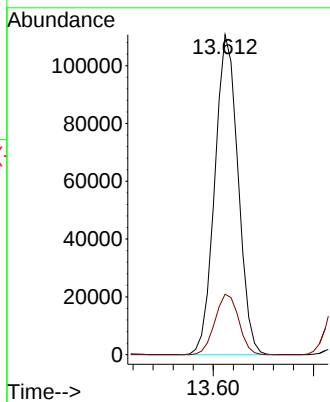
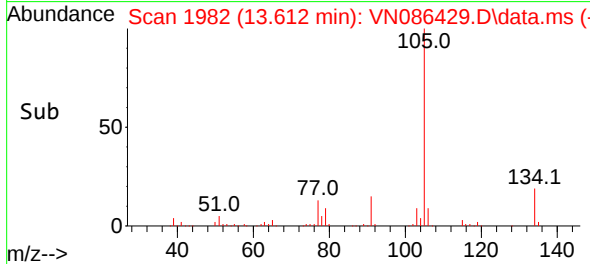
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01



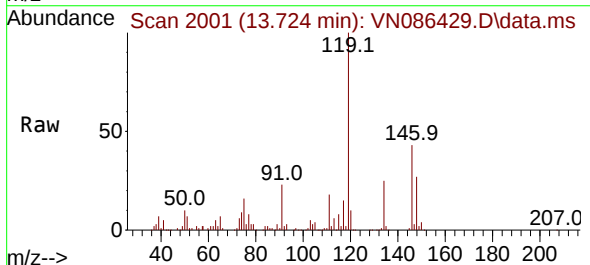
Tgt Ion:105 Resp: 17783
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations
 APPROVED

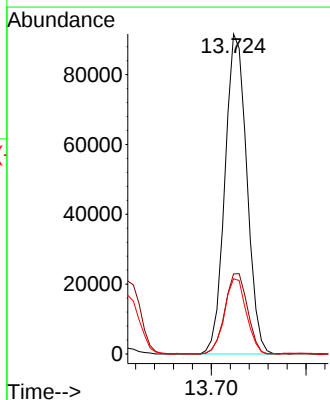
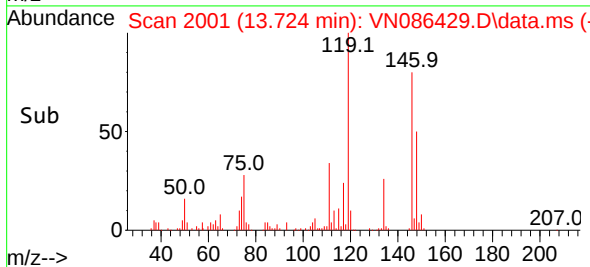
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

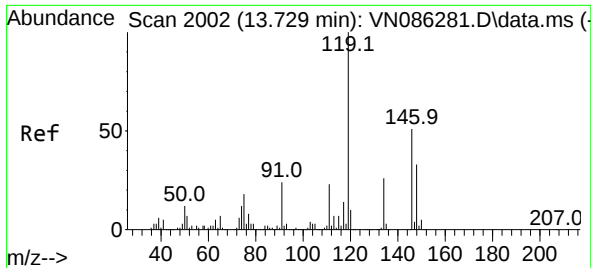


#86
 p-Isopropyltoluene
 Concen: 18.757 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086429.D
 Acq: 30 Apr 2025 12:13



Tgt Ion:119 Resp: 146794
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.6 11.9 35.9





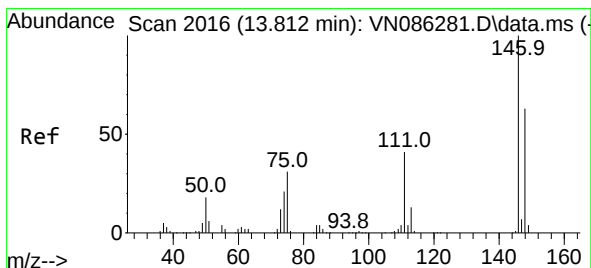
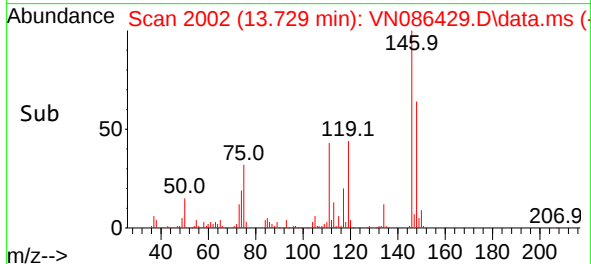
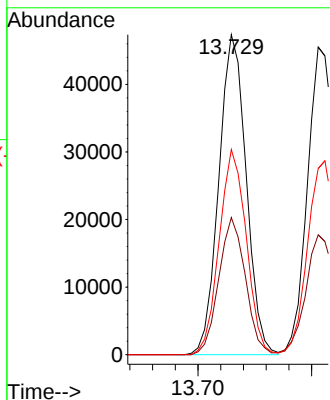
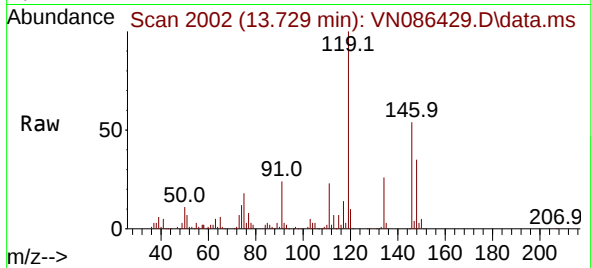
#87
1,3-Dichlorobenzene
Concen: 19.703 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion:146 Resp: 79210
Ion Ratio Lower Upper
146 100
111 41.6 21.9 65.7
148 63.5 31.9 95.5

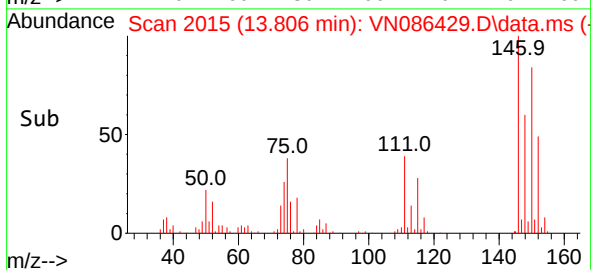
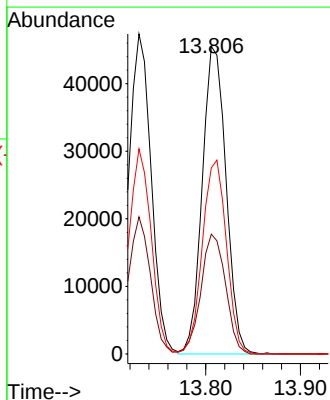
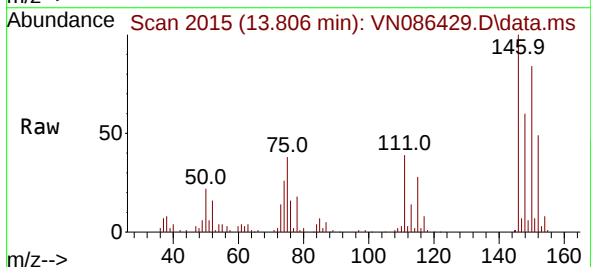
Manual Integrations
APPROVED

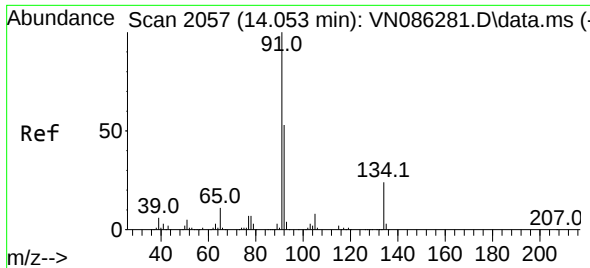
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#88
1,4-Dichlorobenzene
Concen: 19.605 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion:146 Resp: 79389
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 63.8 31.9 95.9





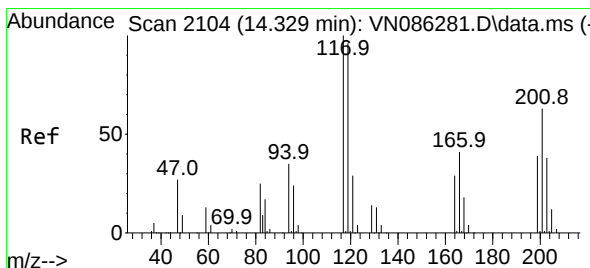
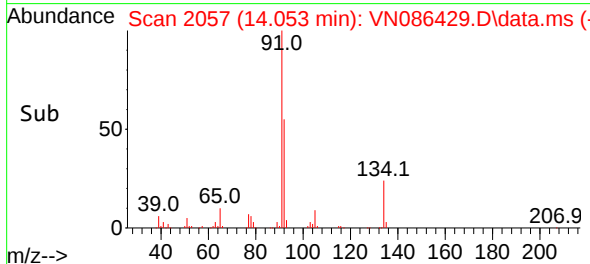
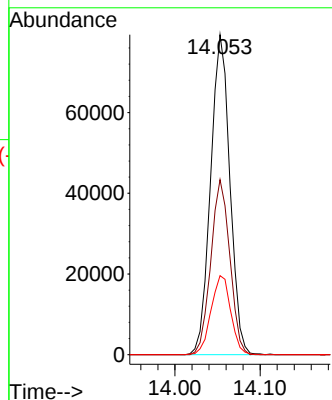
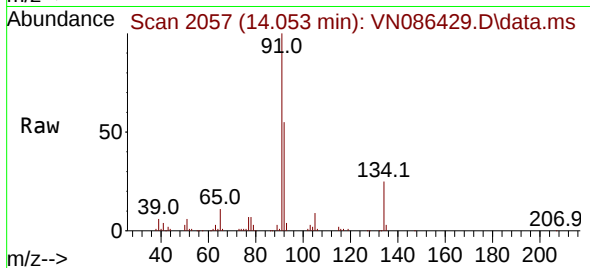
#89
n-Butylbenzene
Concen: 17.973 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01

Tgt Ion: 91 Resp: 124678
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 25.2 12.2 36.6

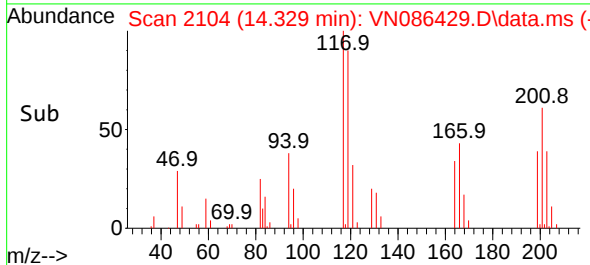
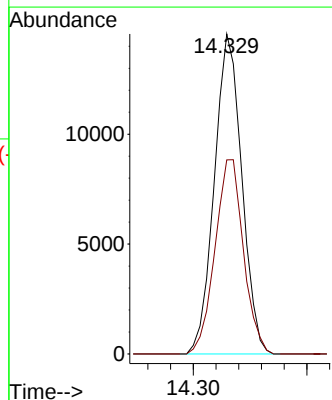
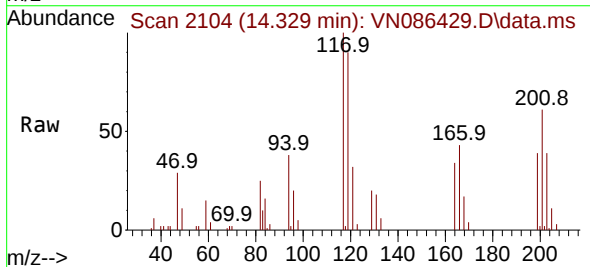
Manual Integrations
APPROVED

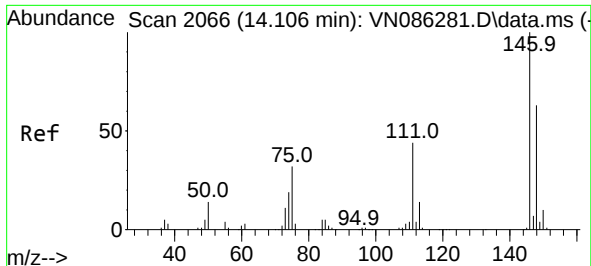
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#90
Hexachloroethane
Concen: 18.537 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

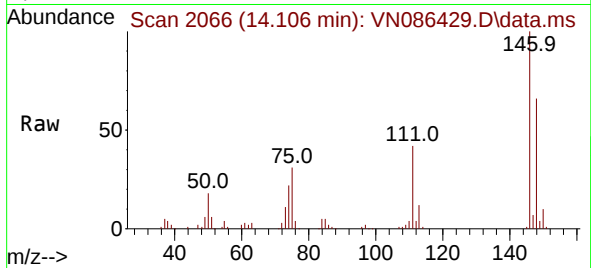
Tgt Ion:117 Resp: 24403
Ion Ratio Lower Upper
117 100
201 63.1 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 19.682 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

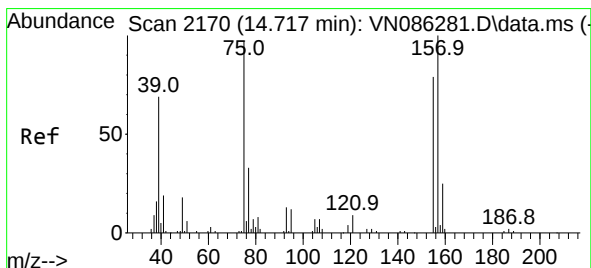
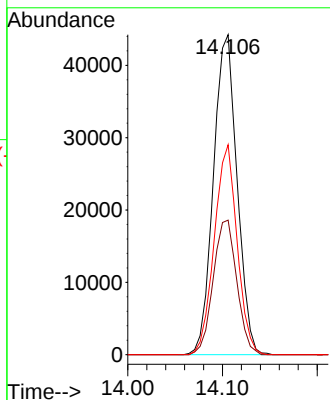
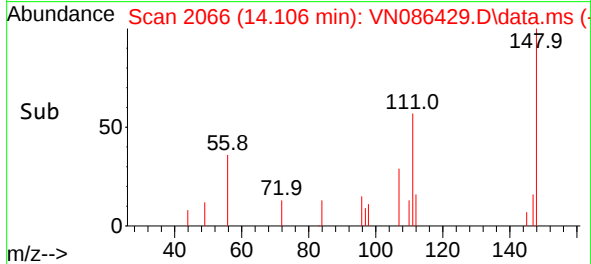
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



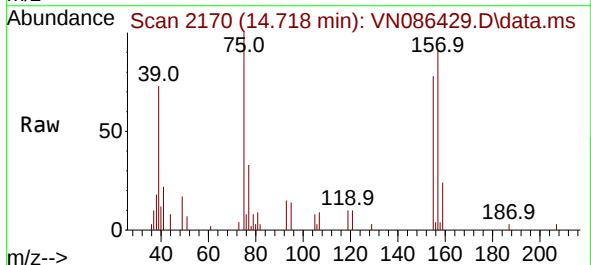
Tgt Ion:146 Resp: 76719
Ion Ratio Lower Upper
146 100
111 42.1 22.4 67.0
148 63.4 31.8 95.4

Manual Integrations
APPROVED

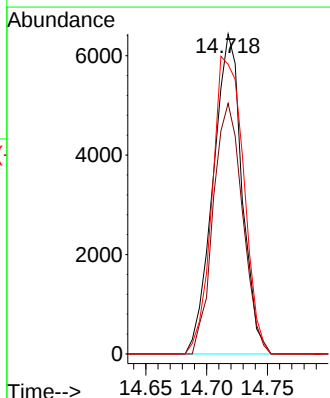
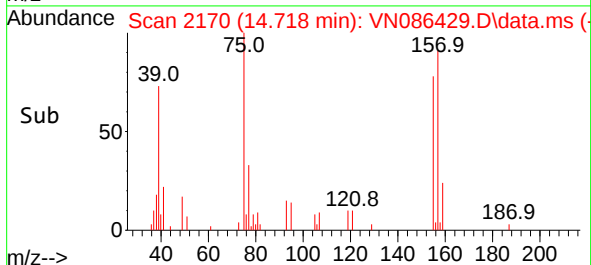
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

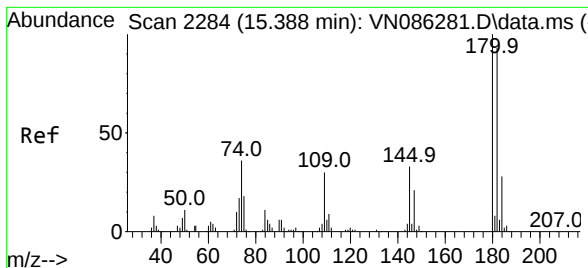


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.008 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



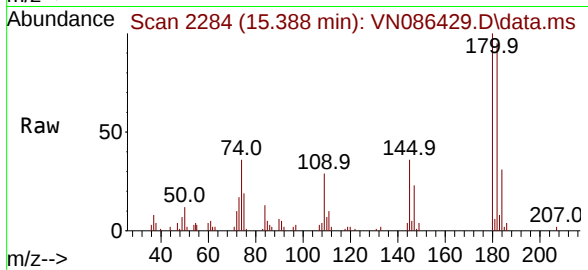
Tgt Ion: 75 Resp: 10637
Ion Ratio Lower Upper
75 100
155 79.6 40.3 120.9
157 101.0 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.275 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

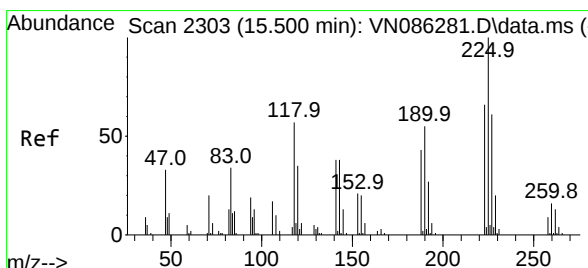
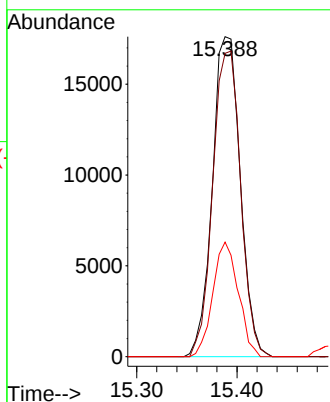
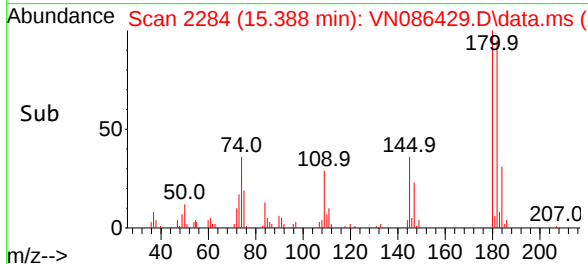
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



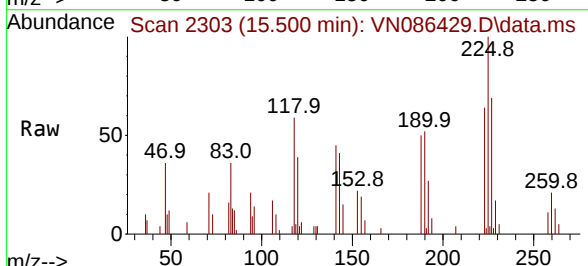
Tgt Ion:180 Resp: 34110
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 32.6 16.4 49.1

Manual Integrations
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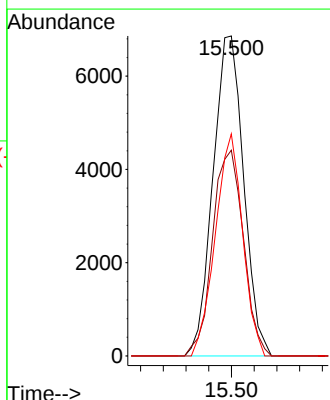
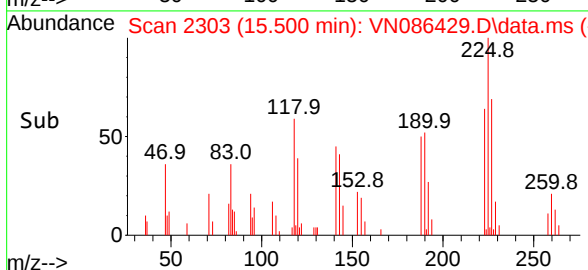
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

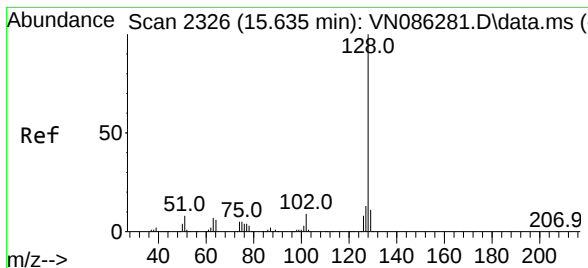


#94
Hexachlorobutadiene
Concen: 18.255 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13



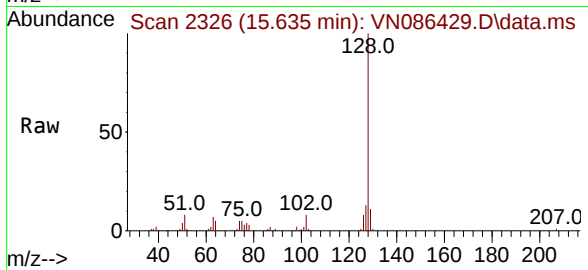
Tgt Ion:225 Resp: 12862
Ion Ratio Lower Upper
225 100
223 64.7 32.8 98.3
227 61.8 31.4 94.0





#95
Naphthalene
Concen: 18.605 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

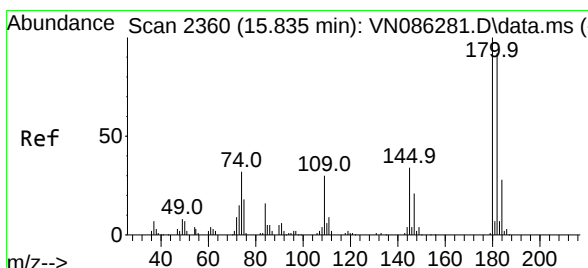
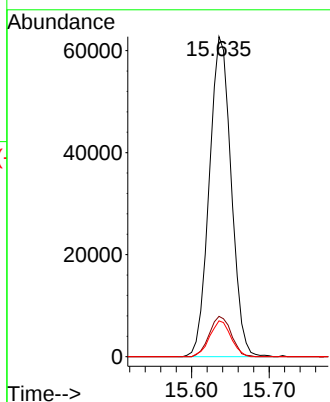
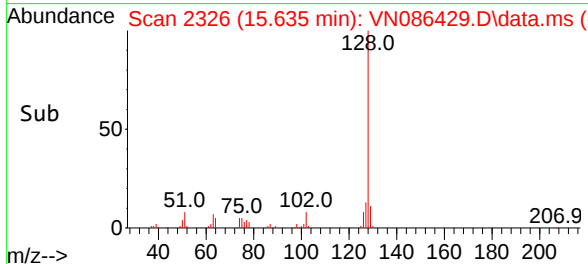
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBSD01



Tgt Ion:128 Resp: 12310
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.245 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086429.D
Acq: 30 Apr 2025 12:13

Tgt Ion:180 Resp: 34008
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 33.1 17.2 51.5

