

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085586.D
 Acq On : 30 Jan 2025 17:54
 Operator : JC\MD
 Sample : VN0130MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS02

Quant Time: Jan 31 02:38:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	191053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140229	45.470	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.940%		
35) Dibromofluoromethane	8.165	113	103328	45.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	10.565	98	360922	44.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.960%		
62) 4-Bromofluorobenzene	12.847	95	123310	44.920	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38864	15.024	ug/l	95
3) Chloromethane	2.359	50	42428	15.148	ug/l	97
4) Vinyl Chloride	2.512	62	45896	16.303	ug/l	99
5) Bromomethane	2.959	94	29023	17.067	ug/l	97
6) Chloroethane	3.124	64	30145	16.890	ug/l	95
7) Trichlorofluoromethane	3.500	101	73208	17.922	ug/l	95
8) Diethyl Ether	3.959	74	24616	17.444	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	41373	17.983	ug/l	99
10) Methyl Iodide	4.583	142	48127	18.266	ug/l	99
11) Tert butyl alcohol	5.524	59	38260	108.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	34764	16.954	ug/l	98
13) Acrolein	4.177	56	30974	64.253	ug/l	97
14) Allyl chloride	5.018	41	54516	16.385	ug/l	96
15) Acrylonitrile	5.718	53	112687	100.463	ug/l	98
16) Acetone	4.418	43	101027	101.385	ug/l	99
17) Carbon Disulfide	4.712	76	87244	13.819	ug/l	99
18) Methyl Acetate	5.018	43	67354	22.229	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	128509	19.302	ug/l	100
20) Methylene Chloride	5.271	84	44567	18.066	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	36743	16.767	ug/l	97
22) Diisopropyl ether	6.671	45	146538	19.843	ug/l	99
23) Vinyl Acetate	6.606	43	507712	98.237	ug/l	96
24) 1,1-Dichloroethane	6.565	63	82779	18.383	ug/l	98
25) 2-Butanone	7.483	43	153353	104.579	ug/l	98
26) 2,2-Dichloropropane	7.483	77	70737	19.430	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	46323	17.948	ug/l	98
28) Bromochloromethane	7.812	49	36137	17.249	ug/l	99
29) Tetrahydrofuran	7.841	42	99988	107.549	ug/l	100
30) Chloroform	7.965	83	88476	19.011	ug/l	99
31) Cyclohexane	8.253	56	61587	15.735	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77043	18.872	ug/l	99
36) 1,1-Dichloropropene	8.371	75	54161	17.086	ug/l	100
37) Ethyl Acetate	7.559	43	63103	19.722	ug/l	98
38) Carbon Tetrachloride	8.359	117	66284	18.265	ug/l	98
39) Methylcyclohexane	9.600	83	47849	16.063	ug/l	95
40) Benzene	8.606	78	174373	18.308	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32282	19.393	ug/l	97
42) 1,2-Dichloroethane	8.665	62	68562	19.113	ug/l	99
43) Isopropyl Acetate	8.688	43	109065	21.273	ug/l	97
44) Trichloroethene	9.347	130	39279	17.716	ug/l	97
45) 1,2-Dichloropropane	9.624	63	45726	18.795	ug/l	96
46) Dibromomethane	9.706	93	32849	18.713	ug/l	98
47) Bromodichloromethane	9.888	83	70750	19.783	ug/l	100
48) Methyl methacrylate	9.677	41	46469	20.141	ug/l	98
49) 1,4-Dioxane	9.694	88	16904	435.077	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	330280	111.017	ug/l	99
52) Toluene	10.629	92	106445	19.288	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	65023	19.239	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	69146	19.153	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43592	19.959	ug/l	98
56) Ethyl methacrylate	10.871	69	61115	17.901	ug/l	95
57) 1,3-Dichloropropane	11.159	76	74995	19.748	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	117232	84.585	ug/l	99
59) 2-Hexanone	11.194	43	234769	112.151	ug/l	99
60) Dibromochloromethane	11.359	129	51498	19.531	ug/l	99
61) 1,2-Dibromoethane	11.465	107	43125	19.837	ug/l	95
64) Tetrachloroethene	11.100	164	36487	18.777	ug/l	98
65) Chlorobenzene	11.888	112	116937	18.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44833	19.563	ug/l	98
67) Ethyl Benzene	11.959	91	187560	18.443	ug/l	97
68) m/p-Xylenes	12.070	106	145976	38.838	ug/l	98
69) o-Xylene	12.400	106	67394	18.762	ug/l	100
70) Styrene	12.406	104	116236	19.553	ug/l	99
71) Bromoform	12.576	173	34248	20.886	ug/l #	99
73) Isopropylbenzene	12.694	105	173259	18.921	ug/l	99
74) N-amyl acetate	12.494	43	81066	19.696	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	66012	20.408	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	53865m	19.533	ug/l	
77) Bromobenzene	12.976	156	45176	18.883	ug/l	98
78) n-propylbenzene	13.035	91	207419	19.134	ug/l	99
79) 2-Chlorotoluene	13.123	91	133470	19.024	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	146195	19.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	20907	20.512	ug/l	92
82) 4-Chlorotoluene	13.217	91	132889	19.023	ug/l	99
83) tert-Butylbenzene	13.435	119	118429	18.645	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	147707	19.593	ug/l	100
85) sec-Butylbenzene	13.612	105	168390	19.128	ug/l	100
86) p-Isopropyltoluene	13.729	119	135583	18.551	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	82196	18.656	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	82326	18.027	ug/l	98
89) n-Butylbenzene	14.053	91	111167	17.602	ug/l	98
90) Hexachloroethane	14.335	117	30643	18.284	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	78507	17.864	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12501	21.164	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35815	17.534	ug/l	99
94) Hexachlorobutadiene	15.500	225	17684	16.307	ug/l	94
95) Naphthalene	15.641	128	102549	16.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36439	17.631	ug/l	99

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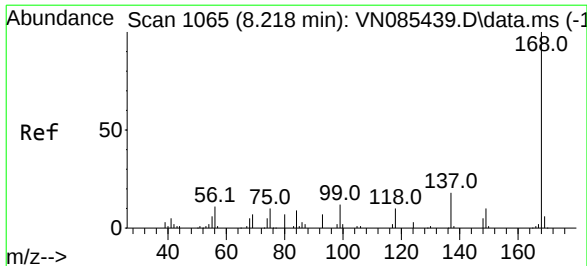
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

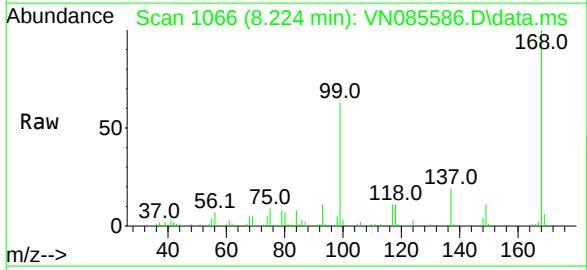
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085586.D
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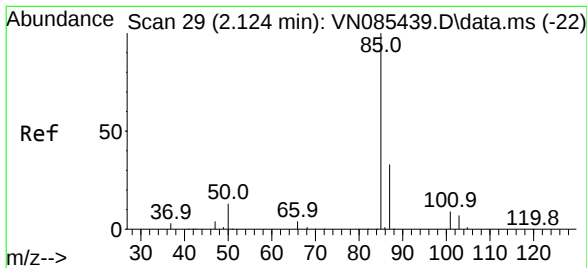
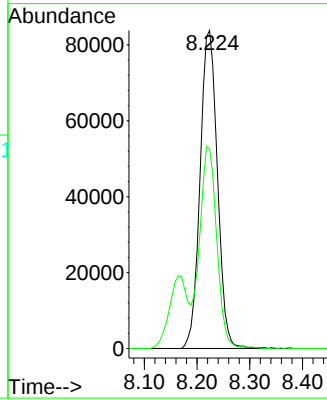
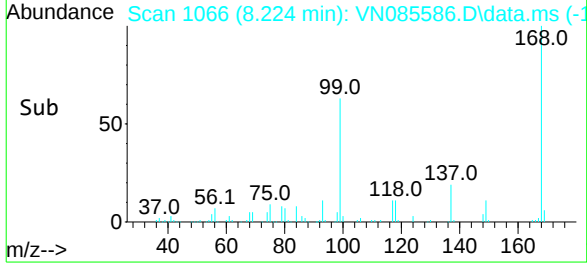
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 168 Resp: 191053
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4

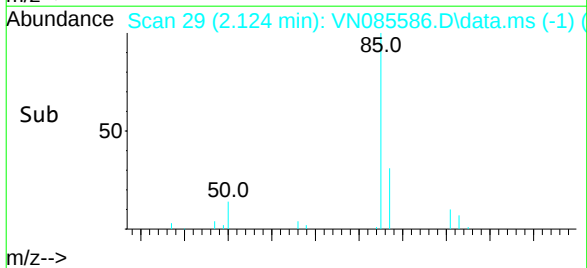
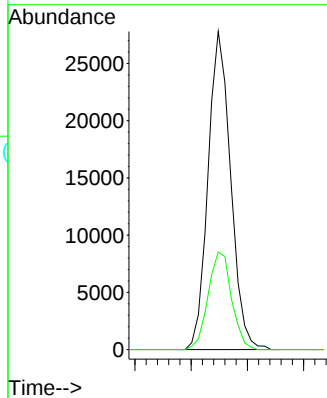
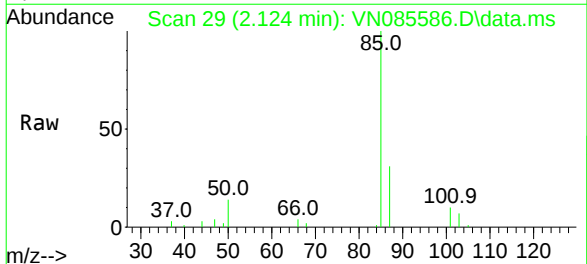
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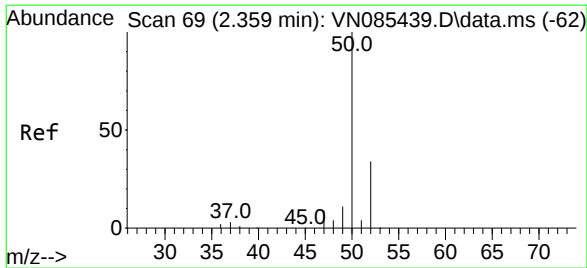
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#2
Dichlorodifluoromethane
Concen: 15.024 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

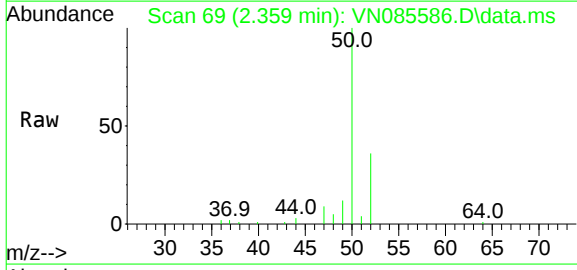
Tgt Ion: 85 Resp: 38864
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1





#3
Chloromethane
Concen: 15.148 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

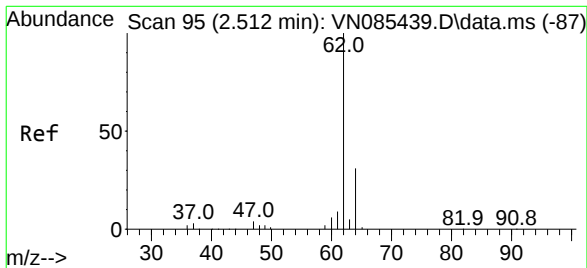
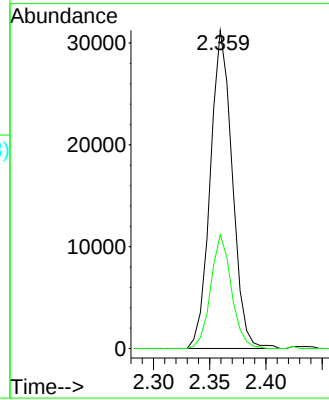
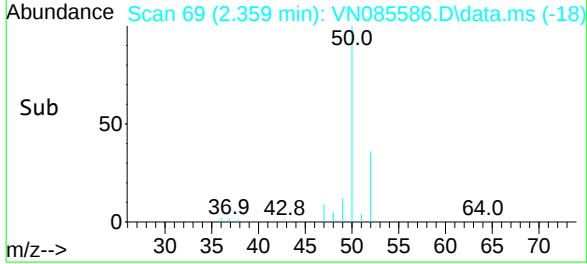
Instrument :
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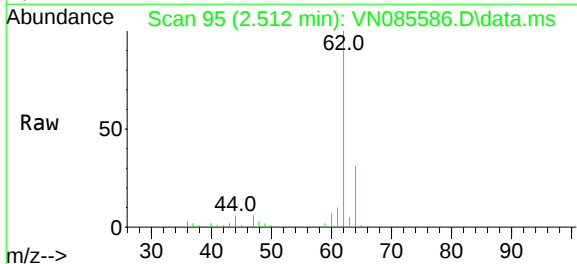
Tgt Ion: 50 Resp: 42428
Ion Ratio Lower Upper
50 100
52 35.7 27.0 40.6

Manual Integrations
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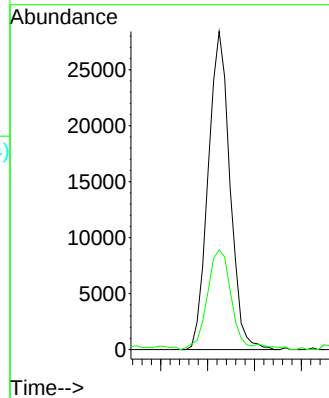
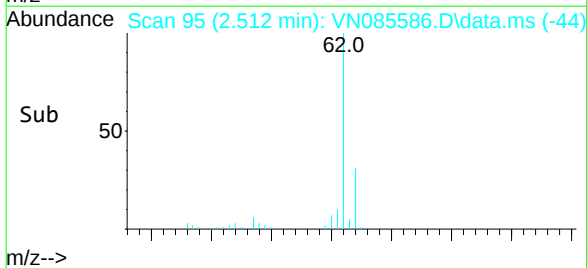
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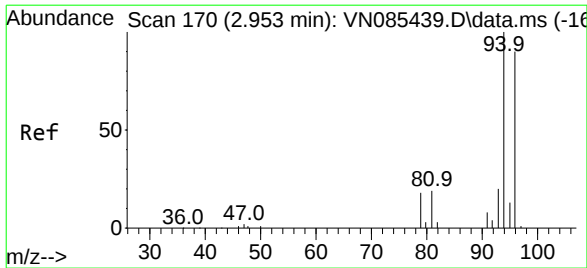


#4
Vinyl Chloride
Concen: 16.303 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54



Tgt Ion: 62 Resp: 45896
Ion Ratio Lower Upper
62 100
64 31.3 24.8 37.2





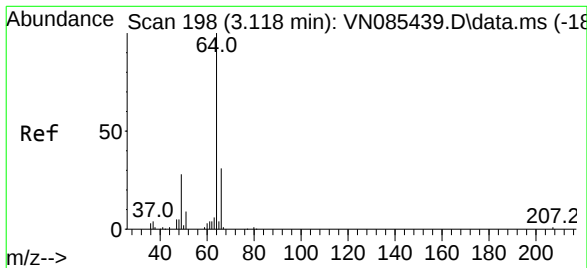
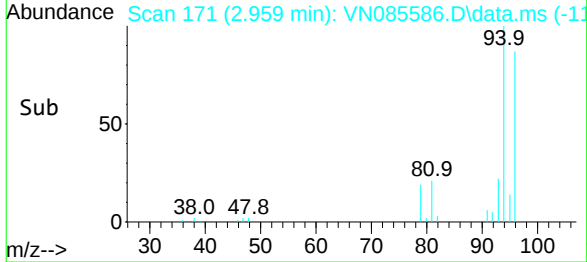
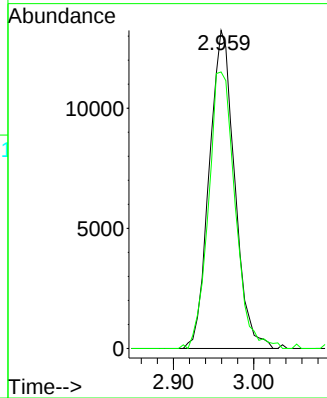
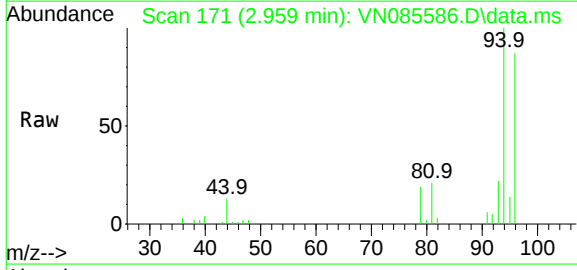
#5
Bromomethane
Concen: 17.067 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085586.D
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Instrument :
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Tgt Ion: 94 Resp: 29023
Ion Ratio Lower Upper
94 100
96 86.9 71.8 107.6

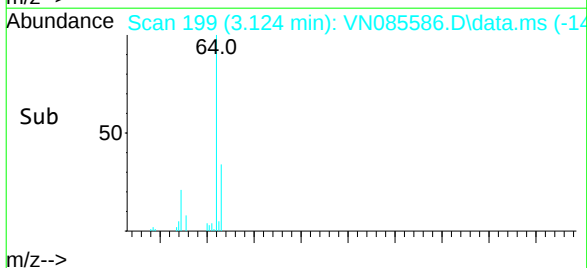
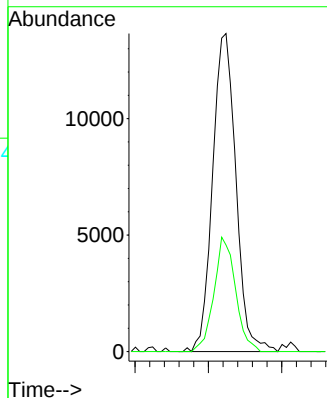
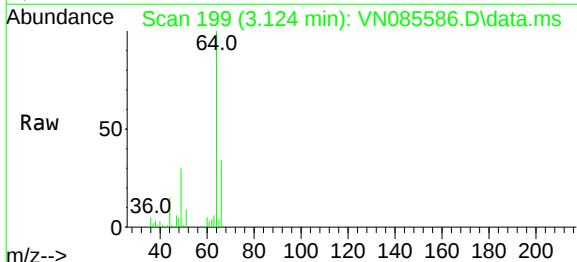
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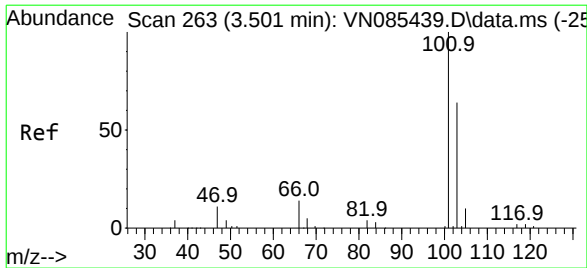
Reviewed By :John Carlone 01/31/2025
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#6
Chloroethane
Concen: 16.890 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085586.D
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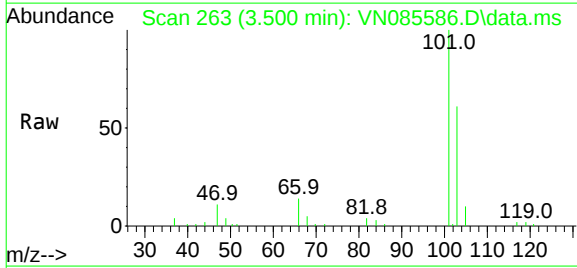
Tgt Ion: 64 Resp: 30145
Ion Ratio Lower Upper
64 100
66 33.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.922 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54

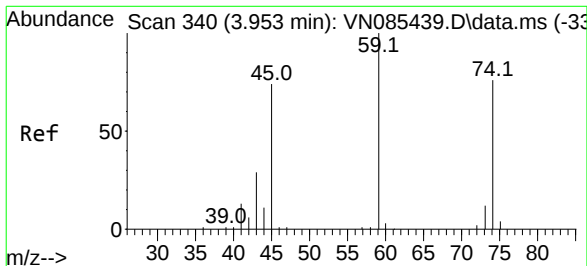
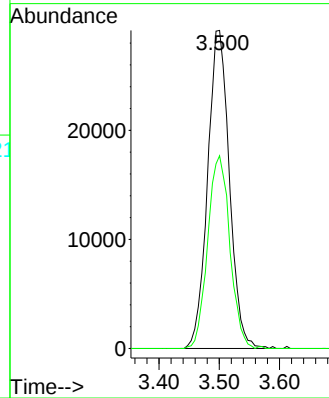
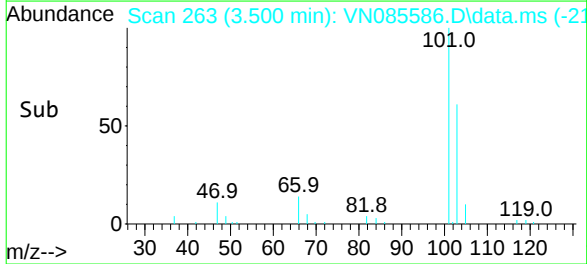
Instrument :
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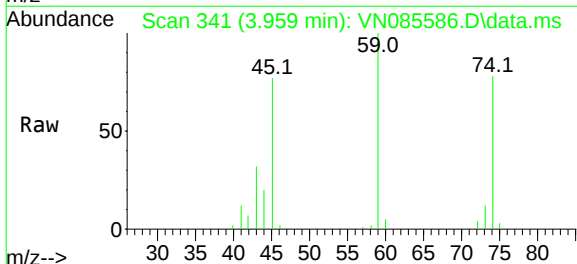
Tgt Ion: 101 Resp: 73208
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.4 77.2

Manual Integrations
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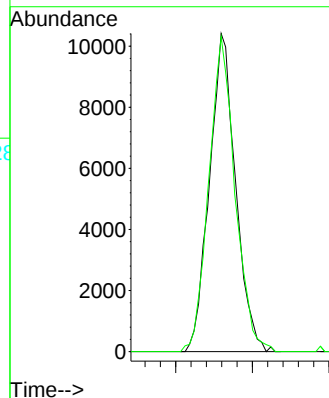
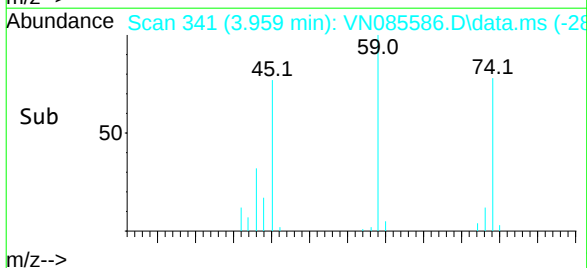
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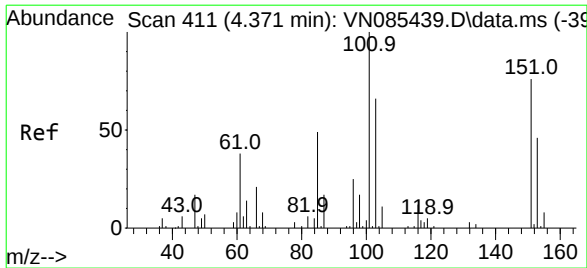


#8
 Diethyl Ether
 Concen: 17.444 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54



Tgt Ion: 74 Resp: 24616
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.7 149.1





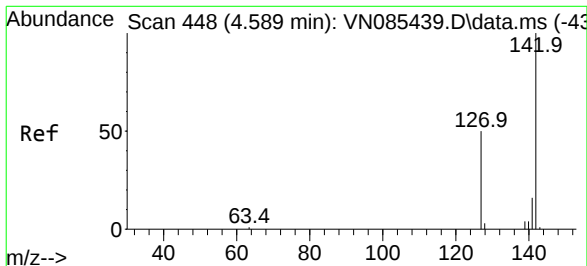
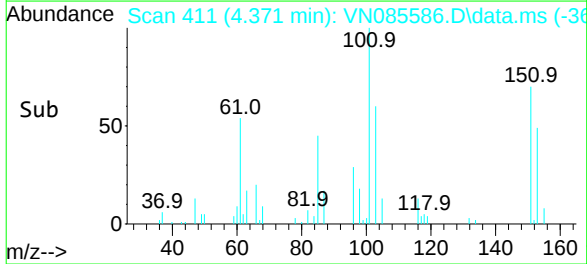
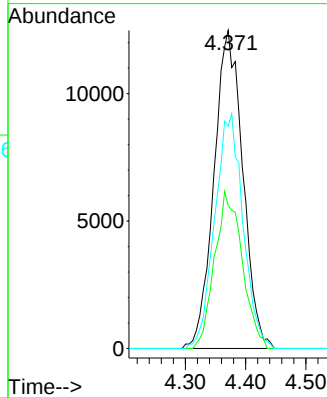
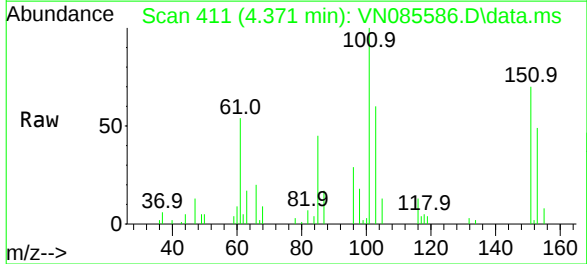
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.983 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion:101 Resp: 41373
Ion Ratio Lower Upper
101 100
85 47.2 37.8 56.8
151 72.5 58.8 88.2

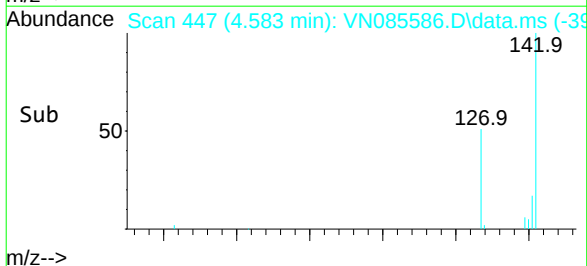
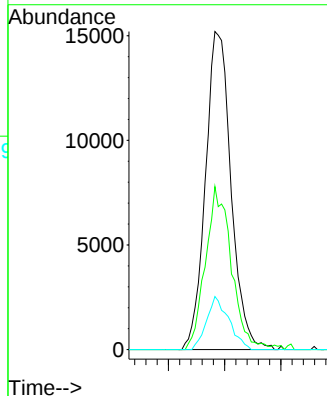
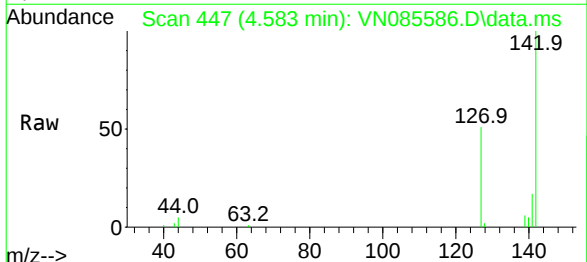
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
Methyl Iodide
Concen: 18.266 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:142 Resp: 48127
Ion Ratio Lower Upper
142 100
127 51.2 40.3 60.5
141 16.7 12.8 19.2





#11

Tert butyl alcohol

Concen: 108.343 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

Tgt Ion: 59 Resp: 38260

Ion Ratio Lower Upper

59 100

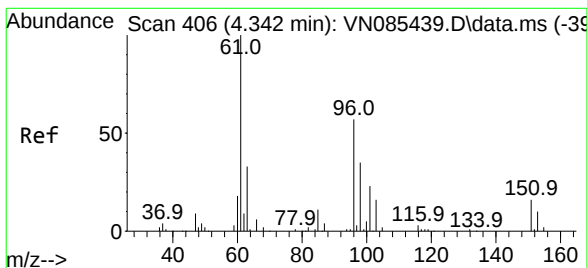
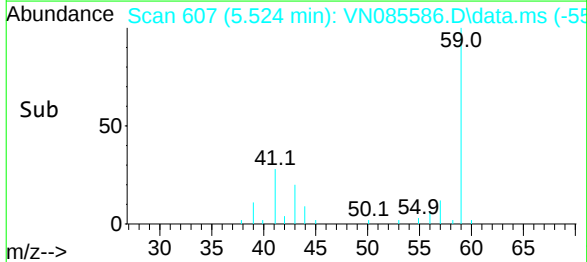
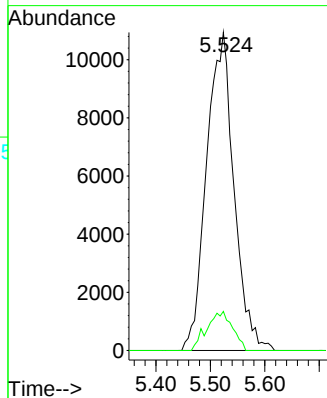
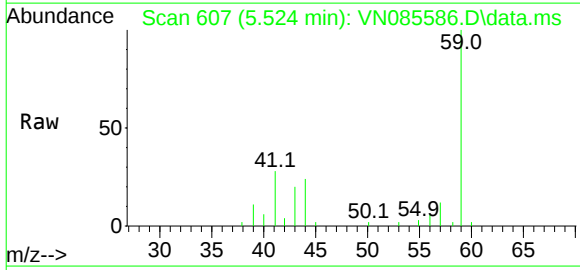
57 11.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#12

1,1-Dichloroethene

Concen: 16.954 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

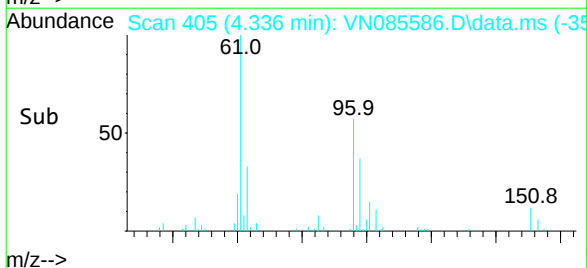
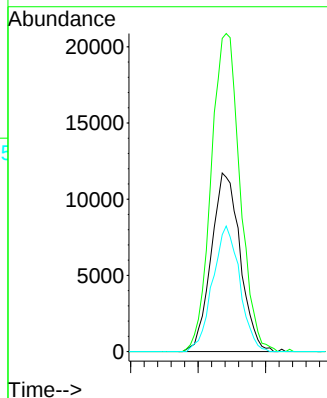
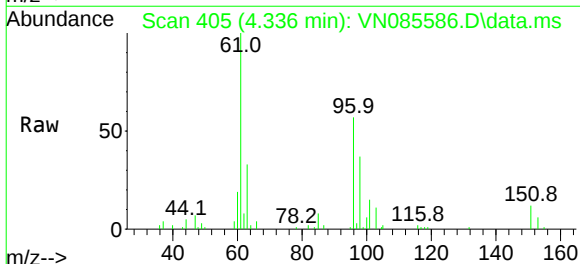
Tgt Ion: 96 Resp: 34764

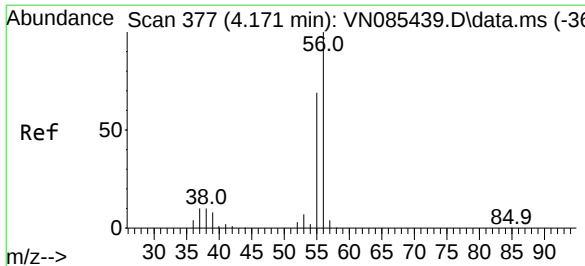
Ion Ratio Lower Upper

96 100

61 175.4 141.0 211.4

98 65.4 49.0 73.6





#13

Acrolein

Concen: 64.253 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

Tgt Ion: 56 Resp: 30974

Ion Ratio Lower Upper

56 100

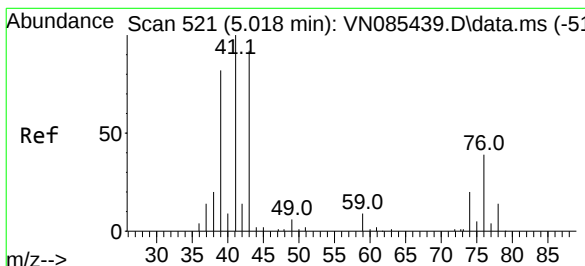
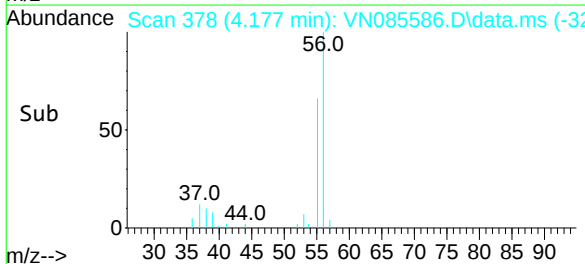
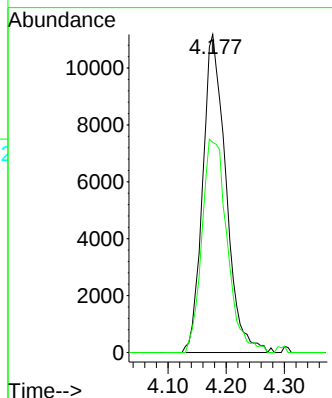
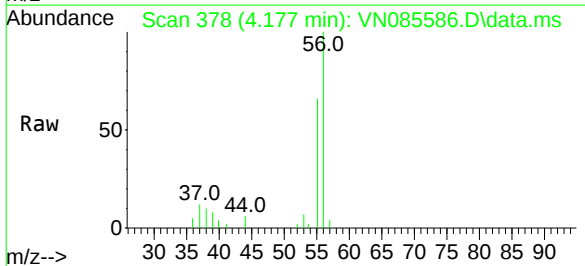
55 73.1 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#14

Allyl chloride

Concen: 16.385 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

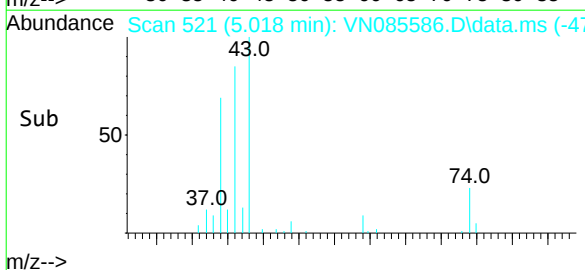
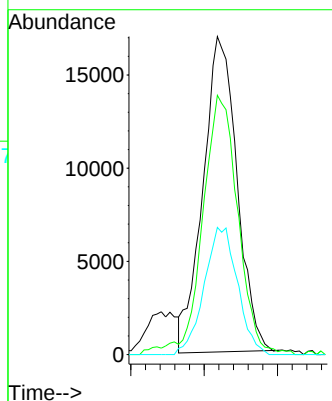
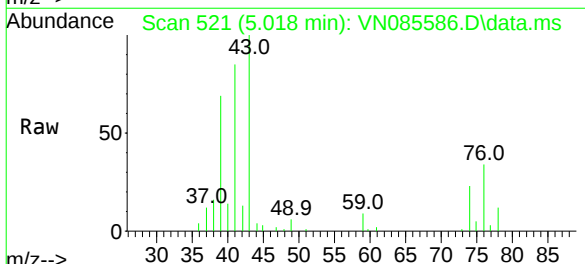
Tgt Ion: 41 Resp: 54516

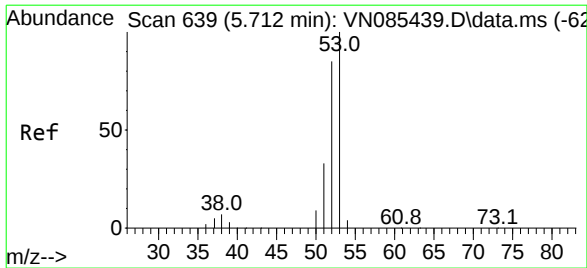
Ion Ratio Lower Upper

41 100

39 85.3 64.4 96.6

76 39.5 30.5 45.7





#15

Acrylonitrile

Concen: 100.463 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

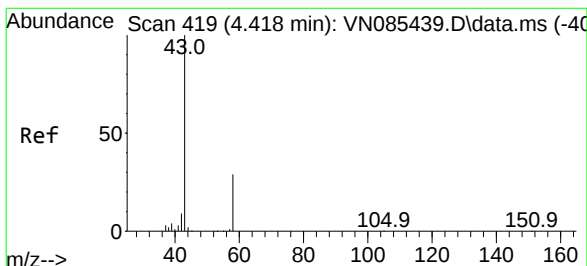
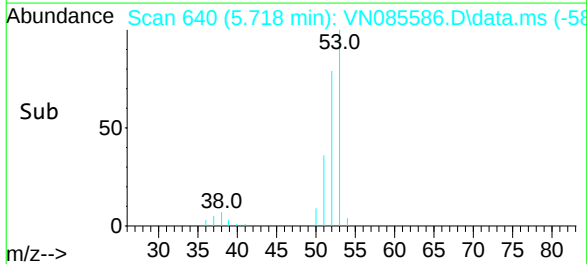
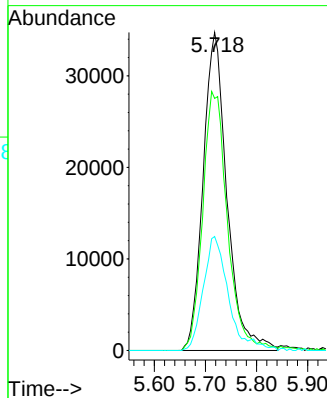
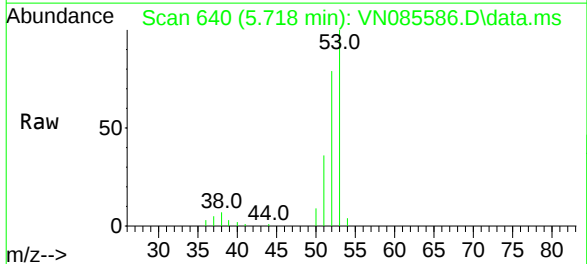
Tgt Ion:	53	Resp:	112687
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.5	98.3
51	37.7	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#16

Acetone

Concen: 101.385 ug/l

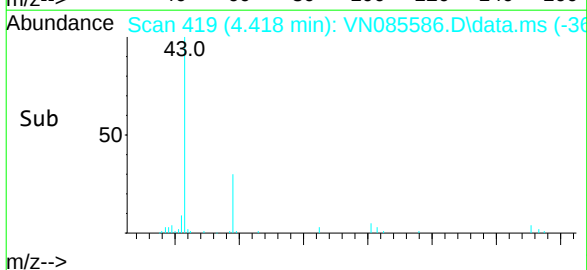
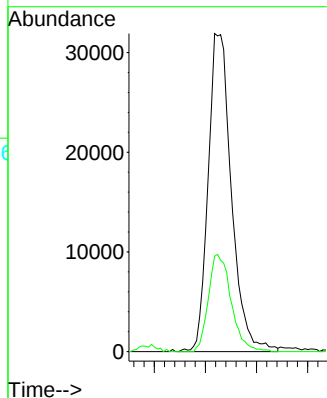
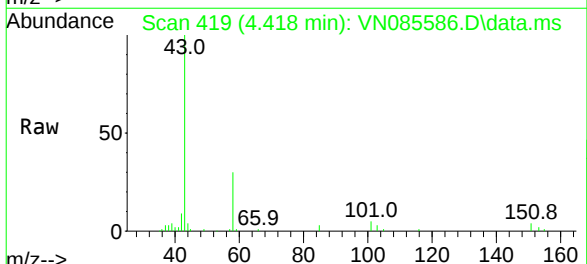
RT: 4.418 min Scan# 419

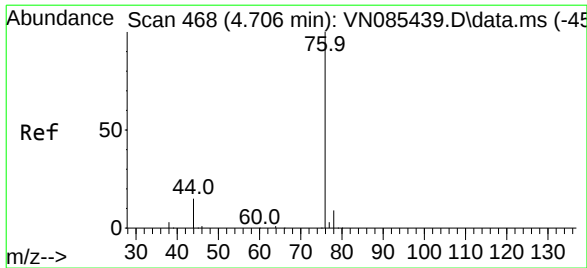
Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

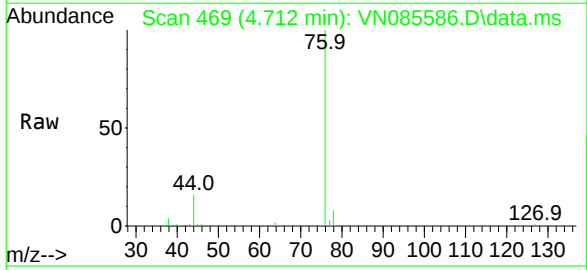
Tgt Ion:	43	Resp:	101027
Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.6





#17
Carbon Disulfide
Concen: 13.819 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

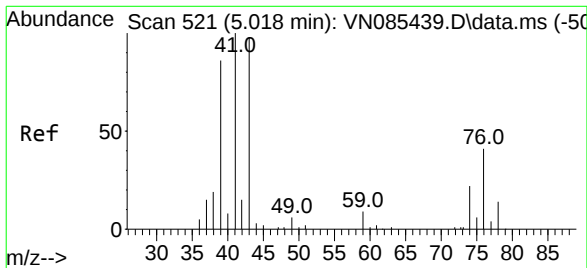
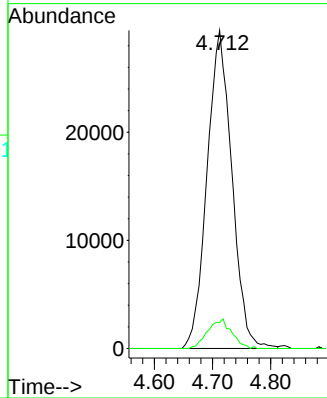
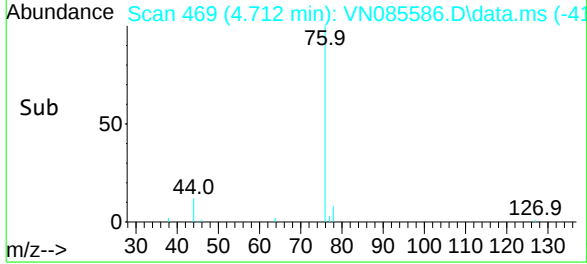
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 76 Resp: 87244
Ion Ratio Lower Upper
76 100
78 8.2 6.9 10.3

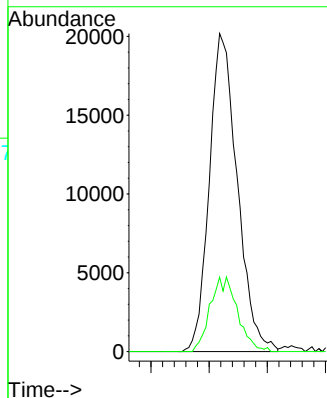
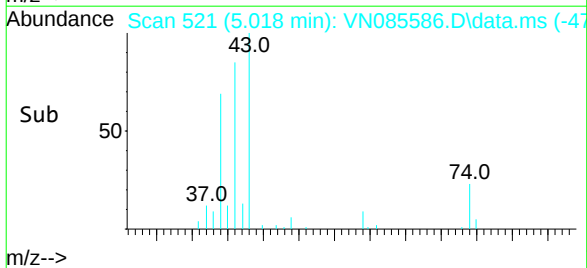
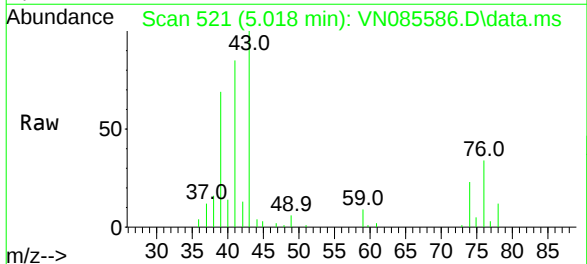
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APPROVED

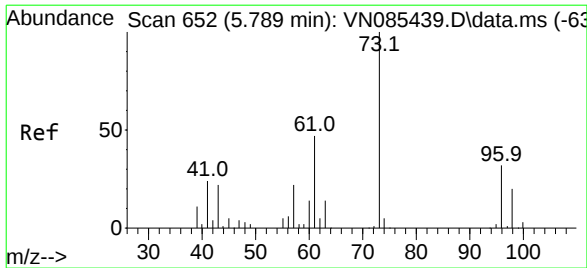
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#18
Methyl Acetate
Concen: 22.229 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 43 Resp: 67354
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0





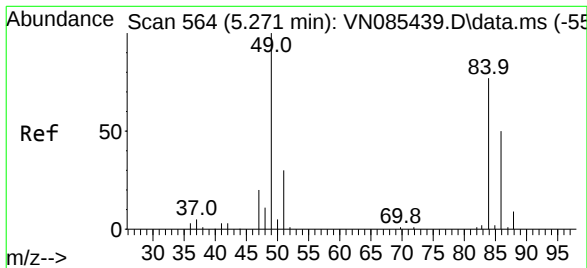
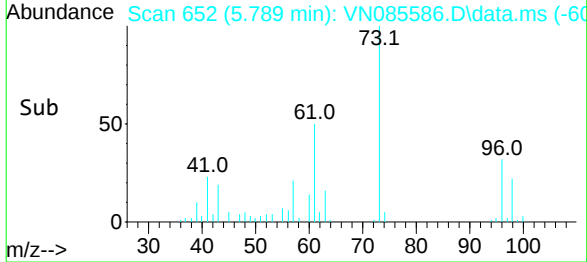
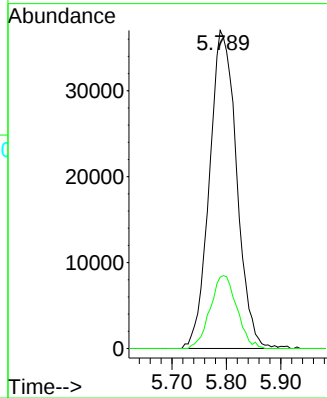
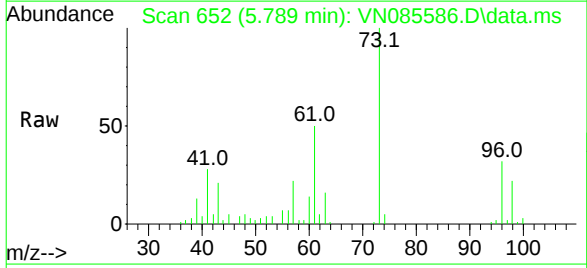
#19
Methyl tert-butyl Ether
Concen: 19.302 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 73 Resp: 128509
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8

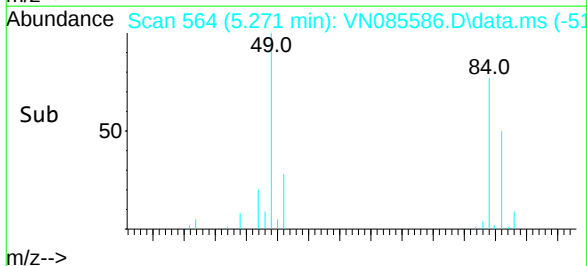
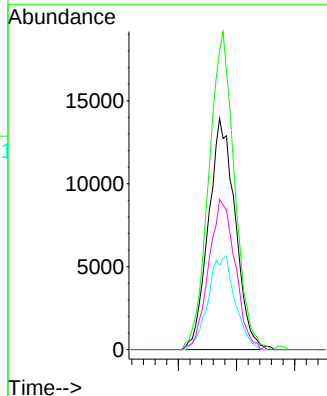
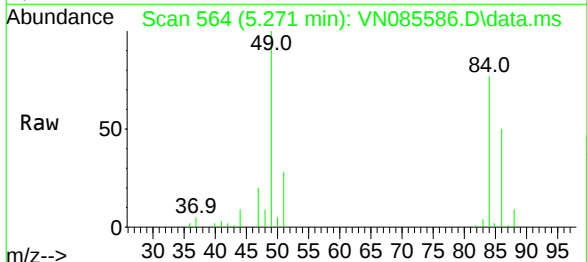
Manual Integrations
APPROVED

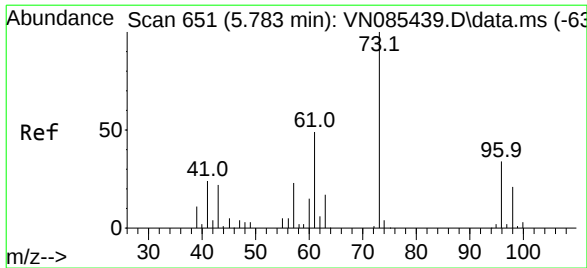
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#20
Methylene Chloride
Concen: 18.066 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

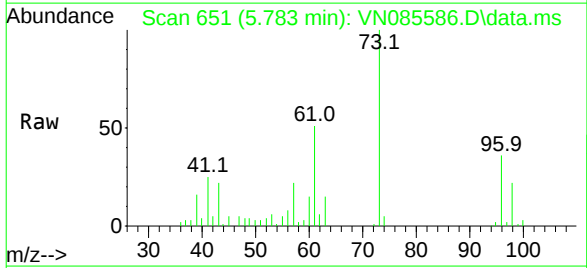
Tgt Ion: 84 Resp: 44567
Ion Ratio Lower Upper
84 100
49 129.5 104.1 156.1
51 36.6 31.0 46.4
86 65.0 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 16.767 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

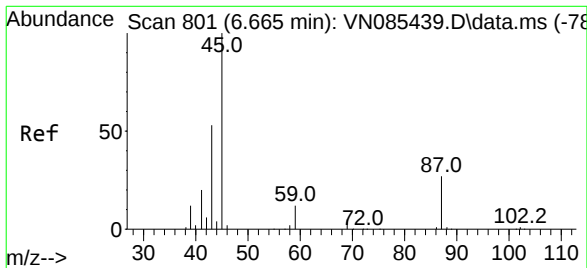
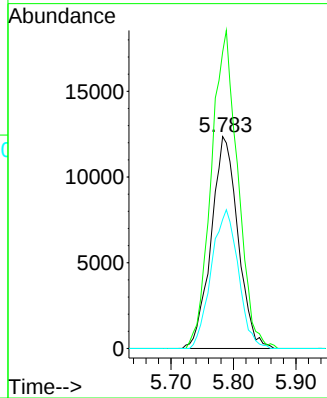
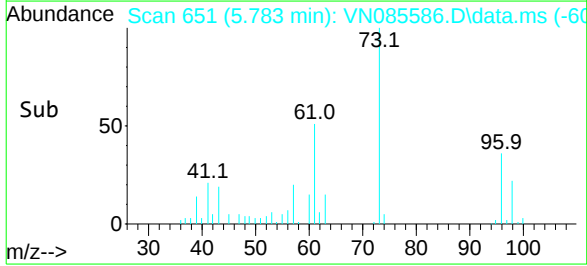
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



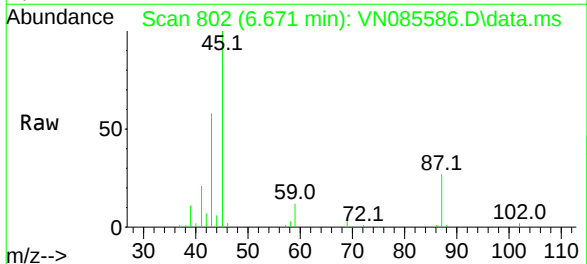
Tgt Ion: 96 Resp: 36743
Ion Ratio Lower Upper
96 100
61 139.9 115.7 173.5
98 60.9 49.8 74.8

Manual Integrations
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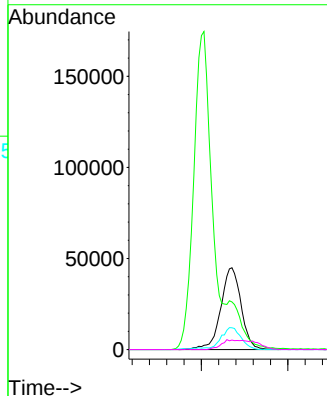
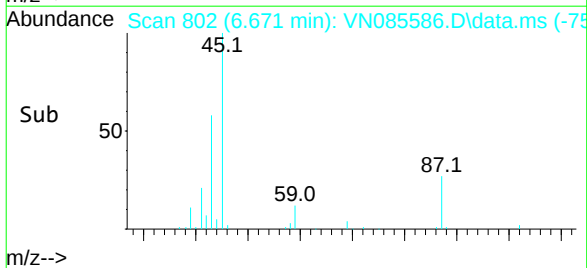
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

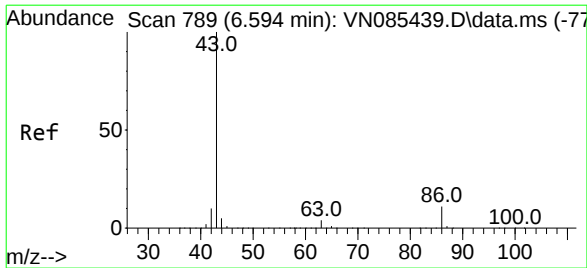


#22
Diisopropyl ether
Concen: 19.843 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54



Tgt Ion: 45 Resp: 146538
Ion Ratio Lower Upper
45 100
43 56.7 45.0 67.6
87 26.6 21.8 32.8
59 11.7 10.2 15.2





#23

Vinyl Acetate

Concen: 98.237 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.012 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

Tgt Ion: 43 Resp: 507712

Ion Ratio Lower Upper

43 100

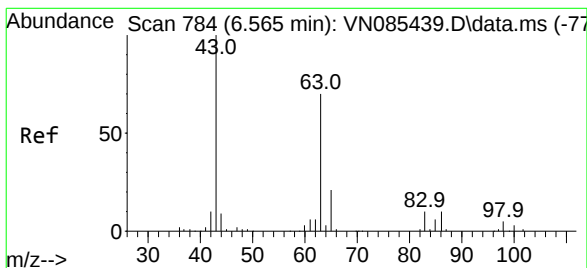
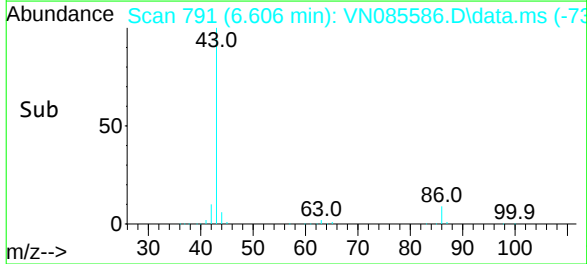
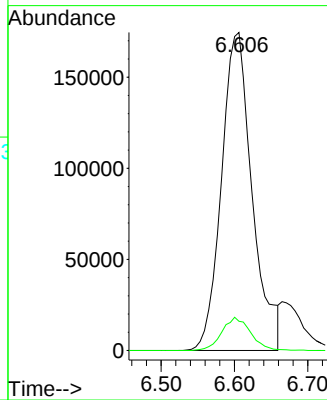
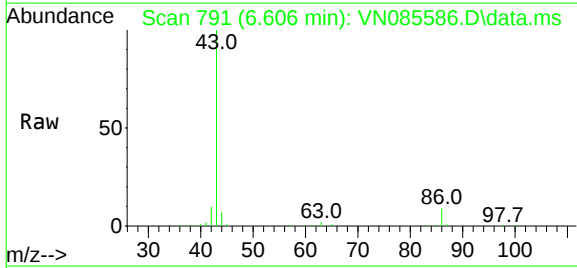
86 9.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#24

1,1-Dichloroethane

Concen: 18.383 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

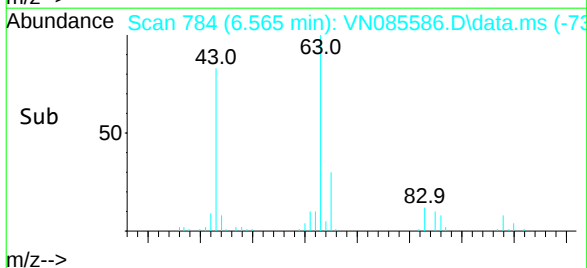
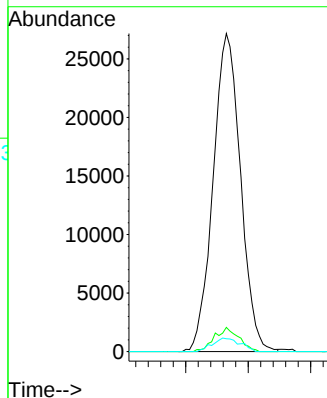
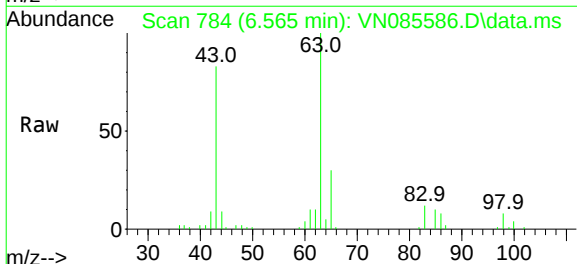
Tgt Ion: 63 Resp: 82779

Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

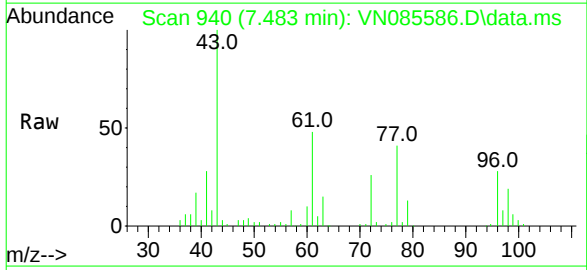
100 4.0 2.0 6.0





#25
2-Butanone
Concen: 104.579 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

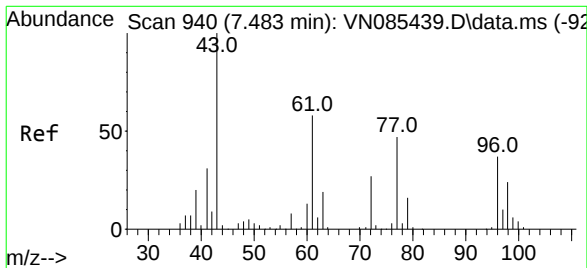
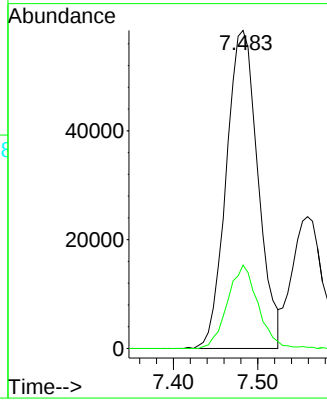
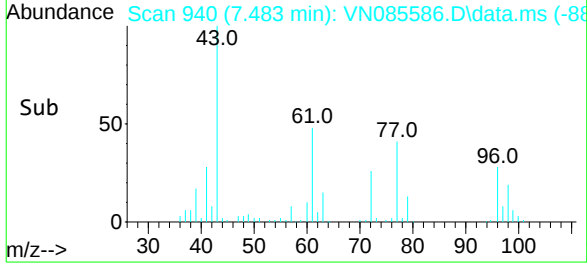
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 43 Resp: 153353
Ion Ratio Lower Upper
43 100
72 26.2 20.2 30.4

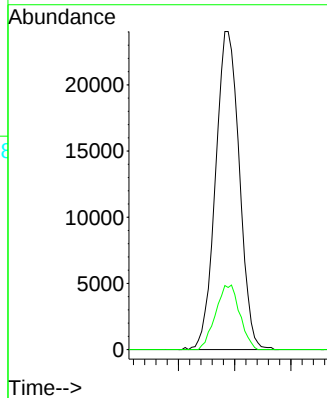
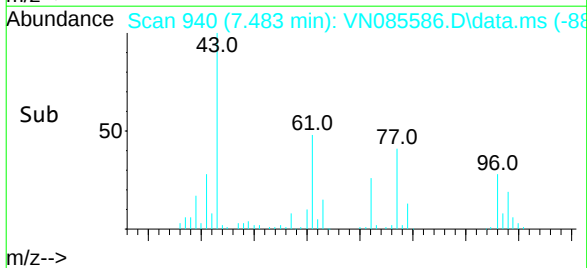
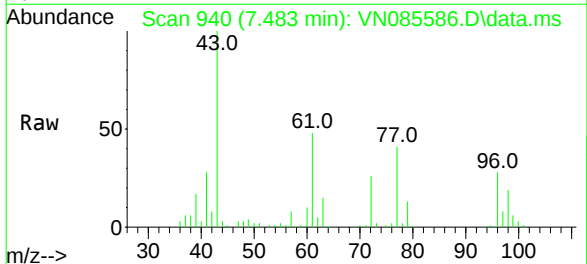
Manual Integrations
APPROVED

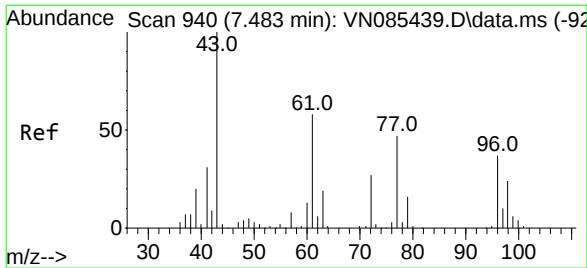
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#26
2,2-Dichloropropane
Concen: 19.430 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

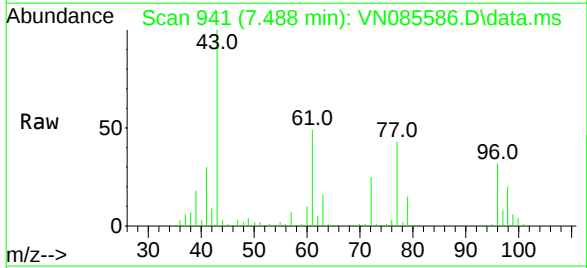
Tgt Ion: 77 Resp: 70737
Ion Ratio Lower Upper
77 100
97 20.5 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.948 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54

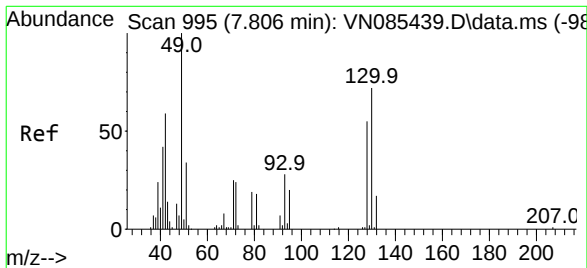
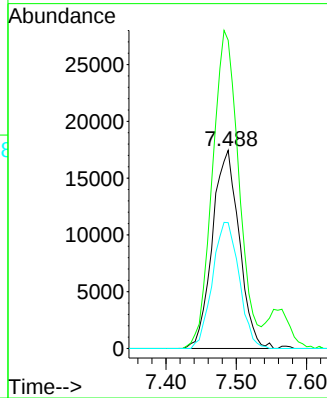
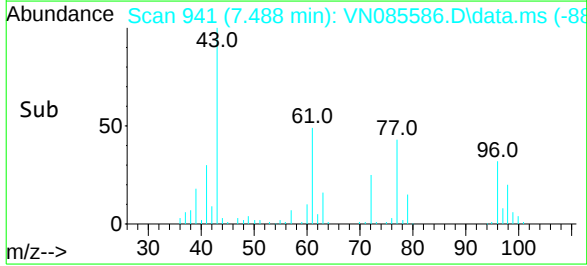
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS02



Tgt Ion:	96	Resp:	46323
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	311.8
98	63.3	0.0	126.0

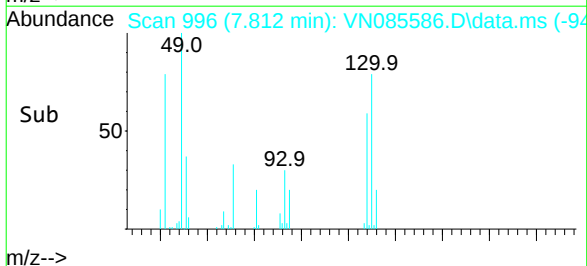
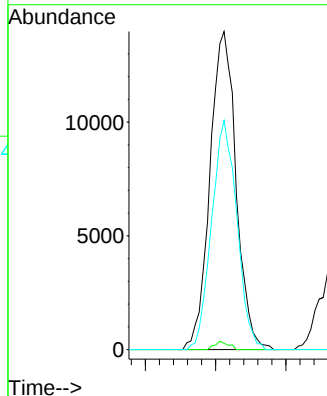
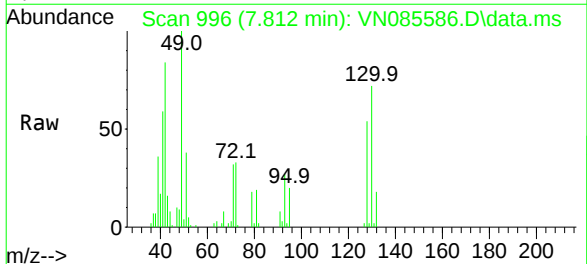
Manual Integrations
 APPROVED

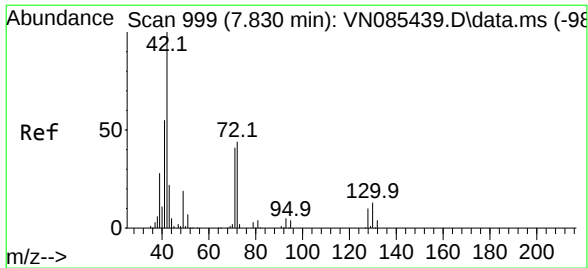
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#28
 Bromochloromethane
 Concen: 17.249 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54

Tgt Ion:	49	Resp:	36137
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.4
130	69.7	55.0	82.4





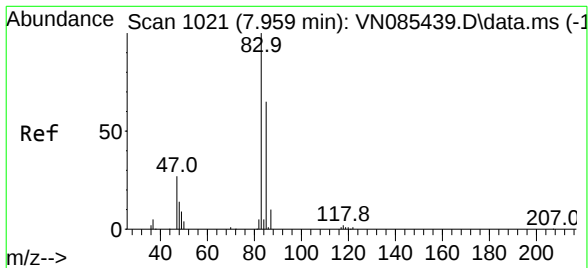
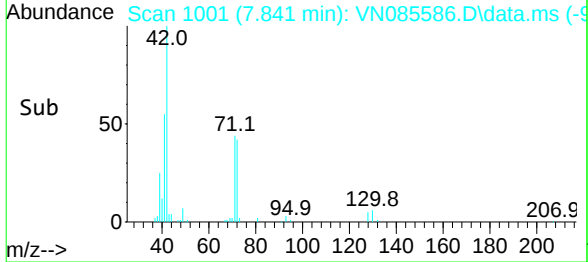
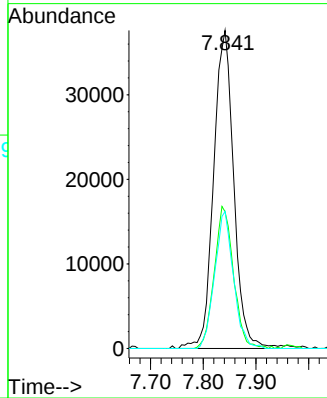
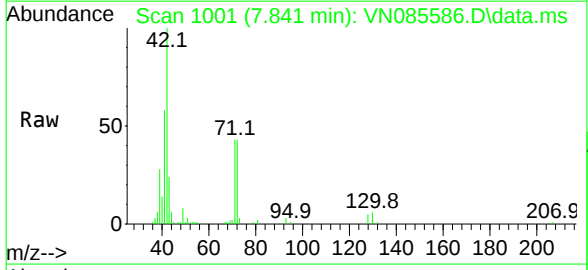
#29
Tetrahydrofuran
Concen: 107.549 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 42 Resp: 99988
Ion Ratio Lower Upper
42 100
72 42.6 34.2 51.2
71 40.2 32.5 48.7

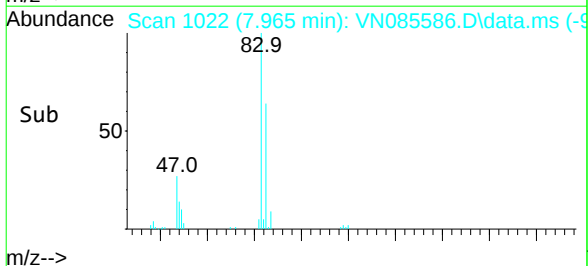
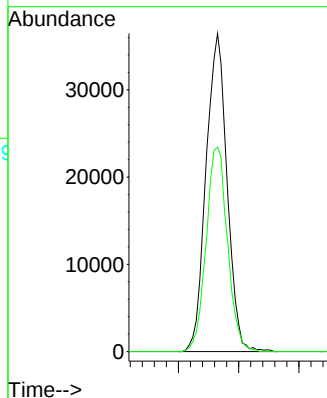
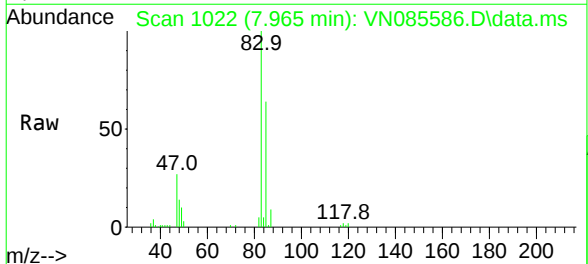
Manual Integrations
APPROVED

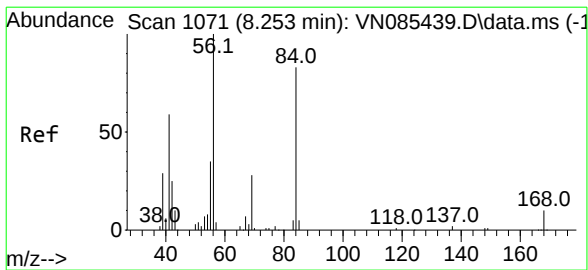
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
Chloroform
Concen: 19.011 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

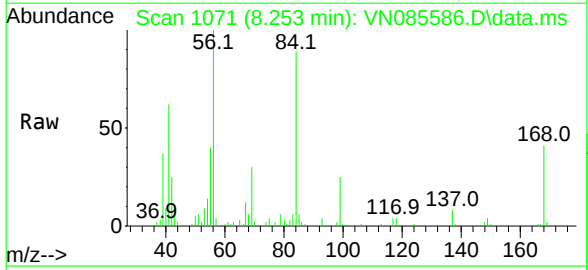
Tgt Ion: 83 Resp: 88476
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6





#31
Cyclohexane
Concen: 15.735 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

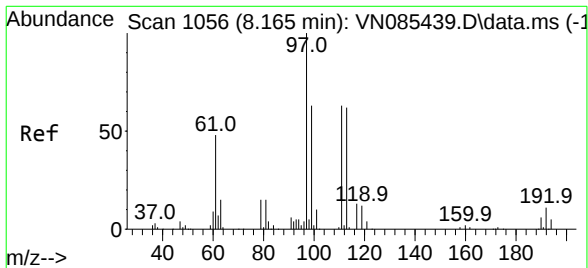
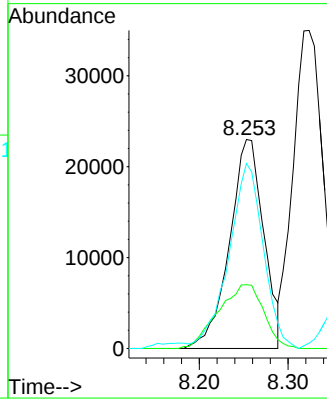
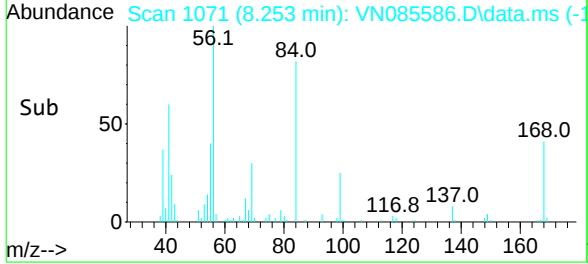
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion:	56	Resp:	61587
Ion	Ratio	Lower	Upper
56	100		
69	30.5	22.2	33.4
84	85.9	66.4	99.6

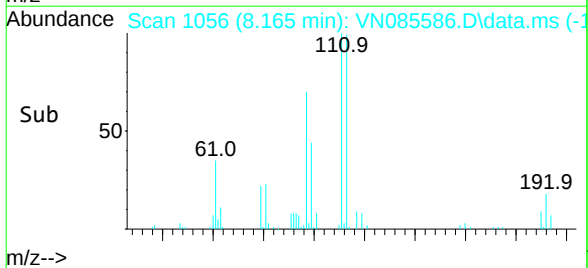
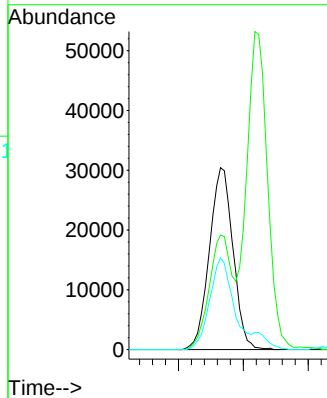
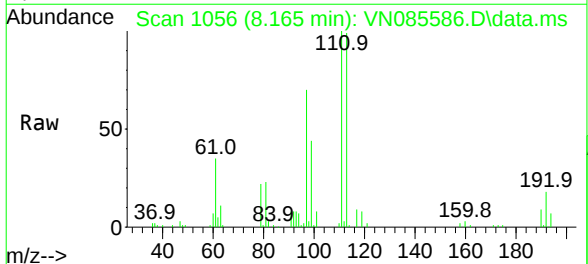
Manual Integrations
APPROVED

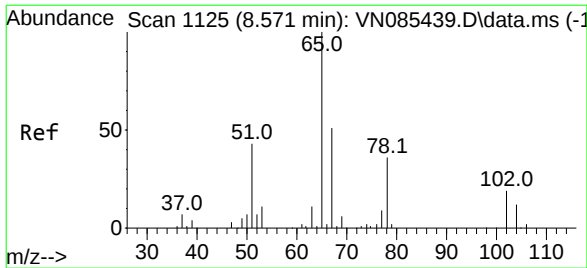
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#32
1,1,1-Trichloroethane
Concen: 18.872 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:	97	Resp:	77043
Ion	Ratio	Lower	Upper
97	100		
99	61.4	49.8	74.6
61	50.5	41.4	62.2





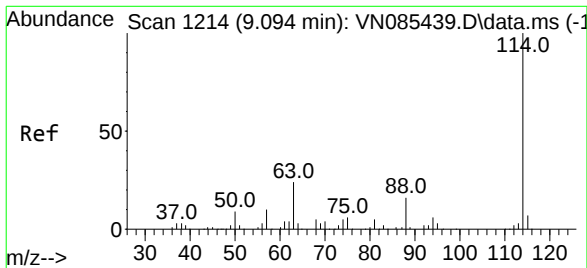
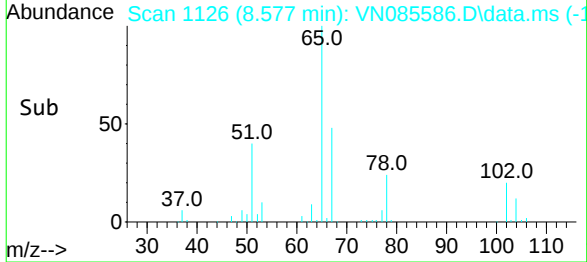
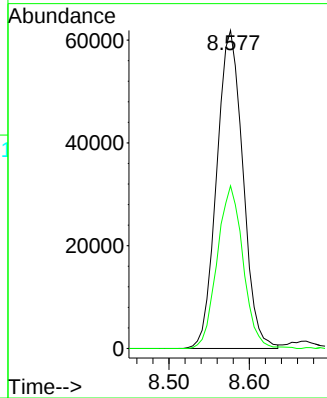
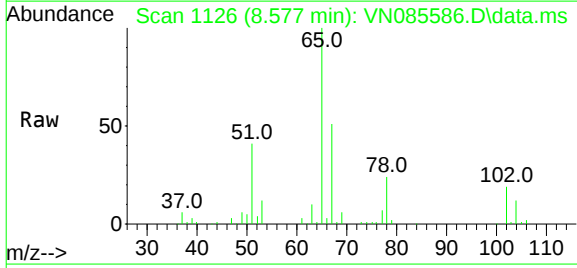
#33
1,2-Dichloroethane-d4
Concen: 45.470 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 65 Resp: 140229
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

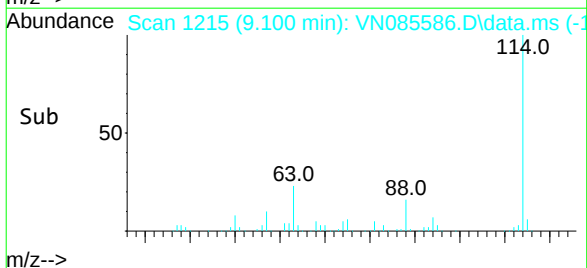
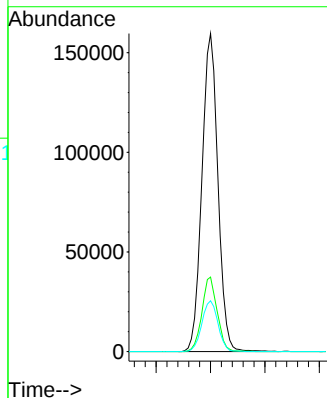
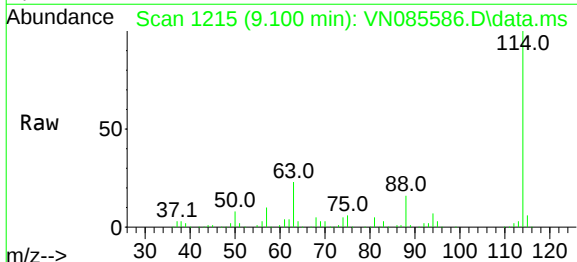
Manual Integrations
APPROVED

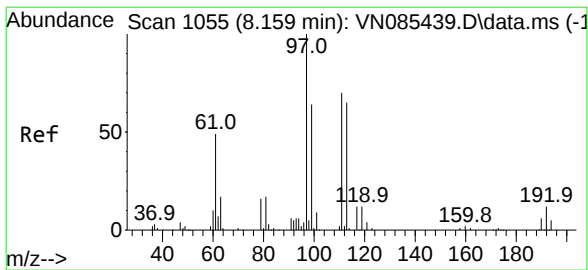
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

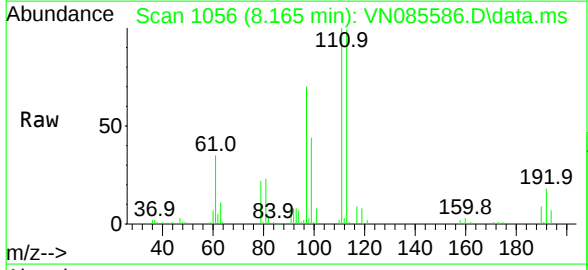
Tgt Ion:114 Resp: 325565
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.6
88 16.0 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 45.748 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54

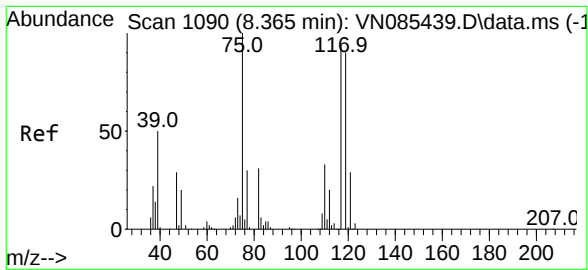
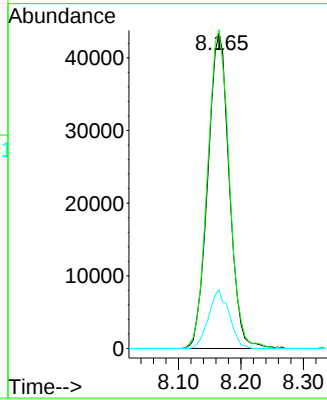
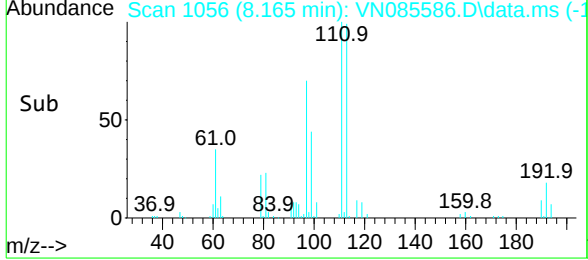
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS02



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	17.9	14.3	21.5

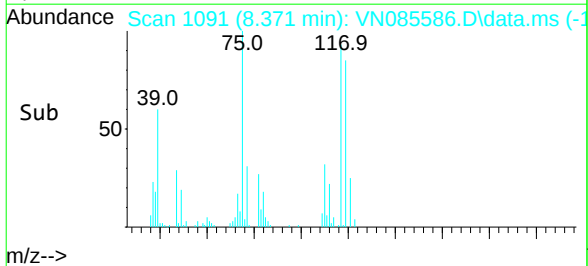
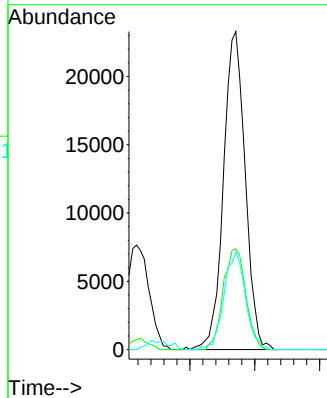
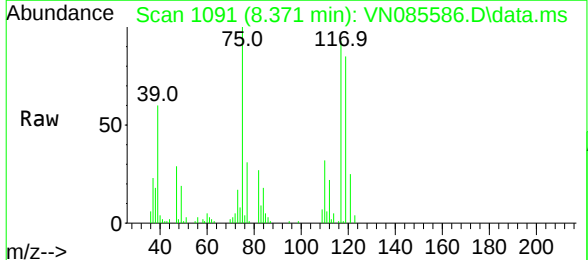
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#36
 1,1-Dichloropropene
 Concen: 17.086 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54

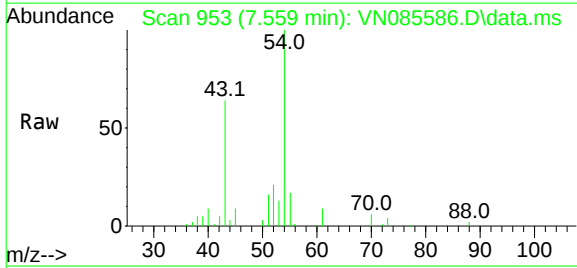
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.5	49.5
77	30.4	24.4	36.6





#37
Ethyl Acetate
Concen: 19.722 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

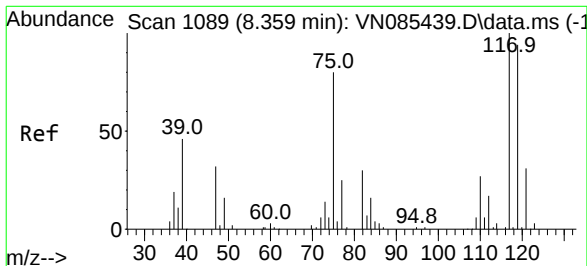
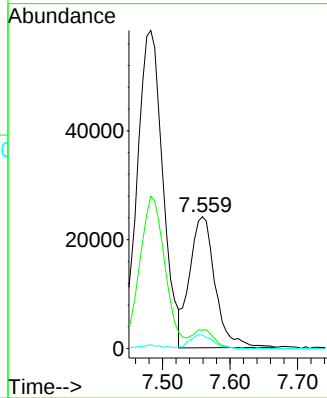
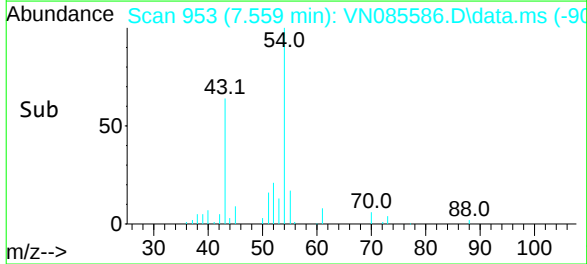
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 43 Resp: 63103
Ion Ratio Lower Upper
43 100
61 12.5 10.9 16.3
70 9.5 7.5 11.3

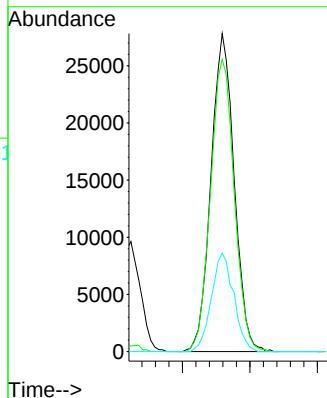
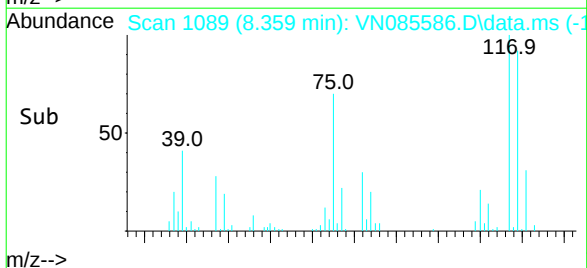
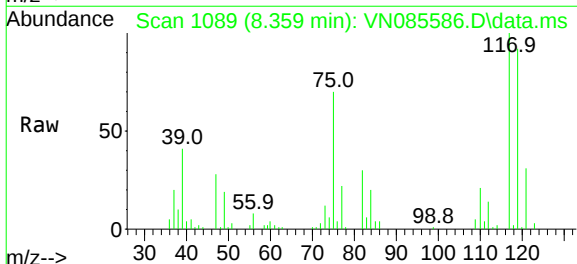
Manual Integrations
APPROVED

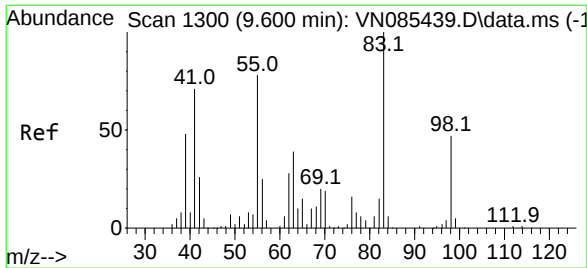
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#38
Carbon Tetrachloride
Concen: 18.265 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:117 Resp: 66284
Ion Ratio Lower Upper
117 100
119 91.9 75.4 113.2
121 31.0 24.6 37.0





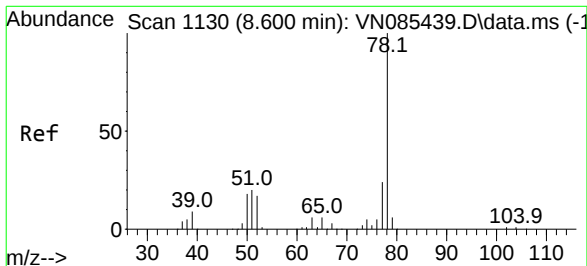
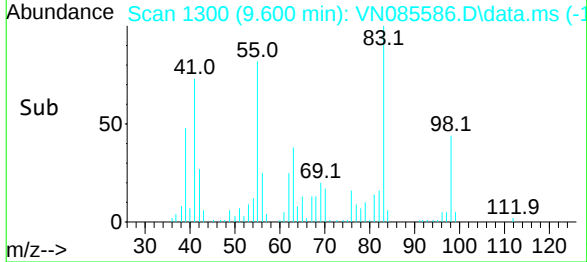
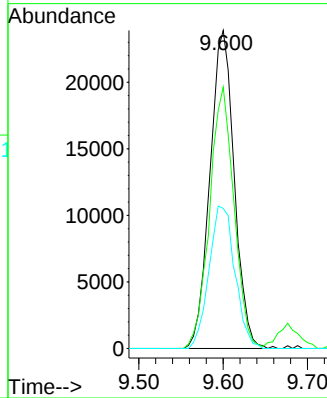
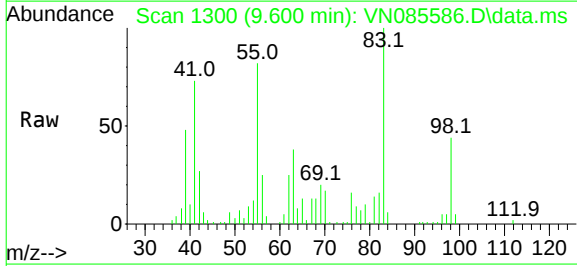
#39
Methylcyclohexane
Concen: 16.063 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 83 Resp: 47849
Ion Ratio Lower Upper
83 100
55 82.2 62.6 94.0
98 44.0 37.7 56.5

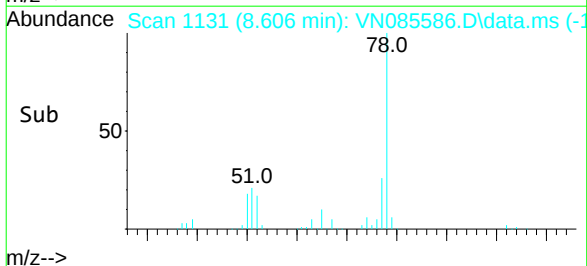
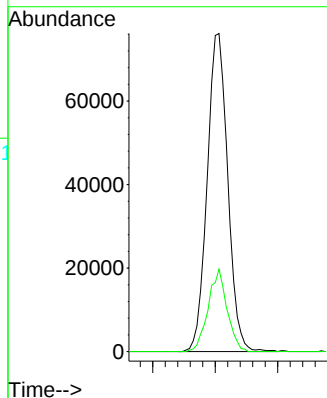
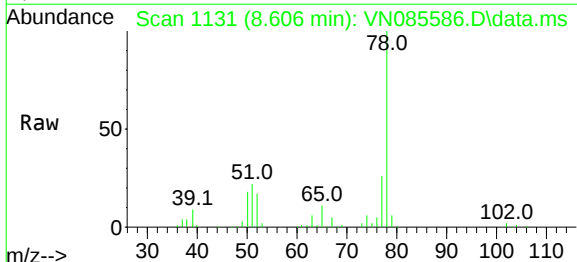
Manual Integrations
APPROVED

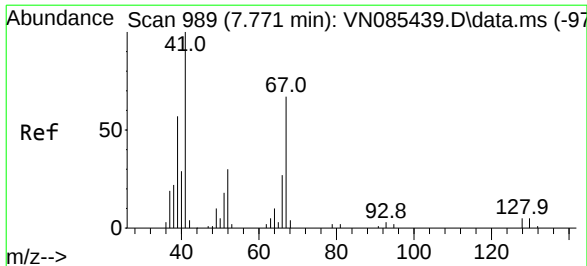
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Benzene
Concen: 18.308 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

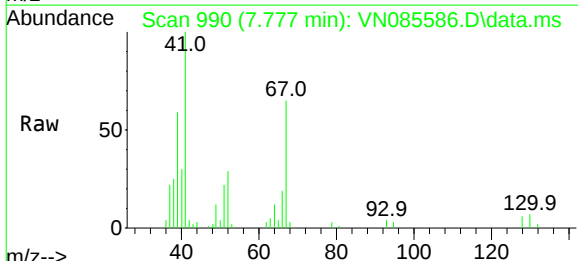
Tgt Ion: 78 Resp: 174373
Ion Ratio Lower Upper
78 100
77 25.9 19.0 28.6





#41
Methacrylonitrile
Concen: 19.393 ug/l
RT: 7.777 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

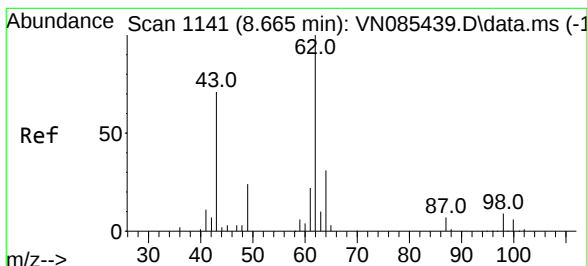
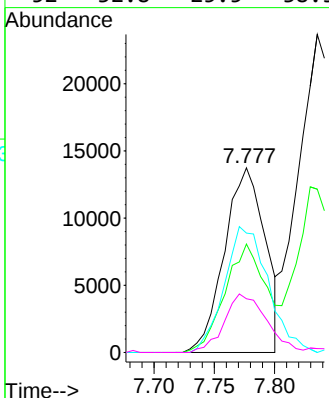
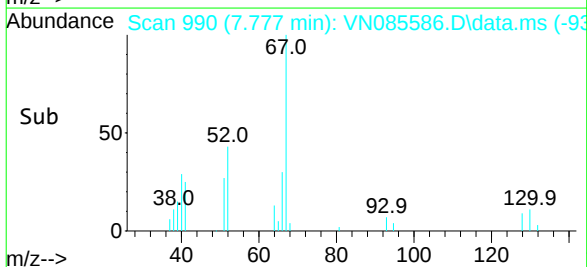
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



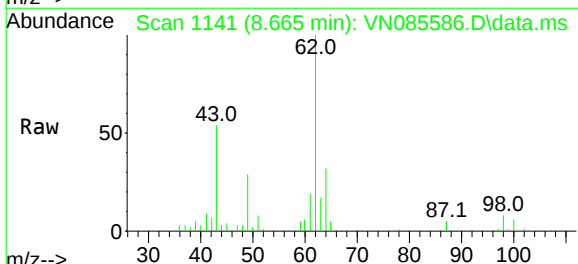
Tgt Ion: 41 Resp: 32282
Ion Ratio Lower Upper
41 100
39 62.0 46.0 69.0
67 73.4 57.4 86.2
52 32.8 25.5 38.3

Manual Integrations
APPROVED

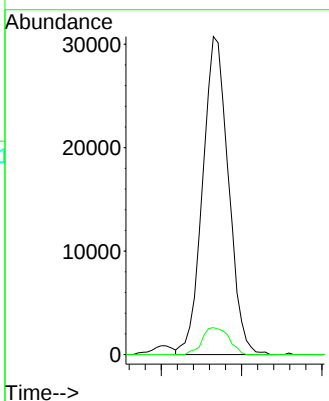
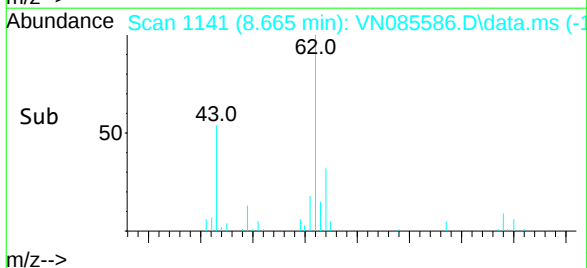
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

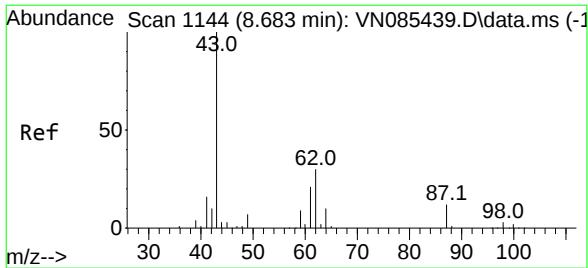


#42
1,2-Dichloroethane
Concen: 19.113 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54



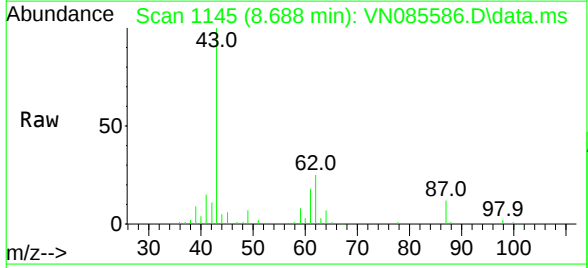
Tgt Ion: 62 Resp: 68562
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.0





#43
Isopropyl Acetate
Concen: 21.273 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

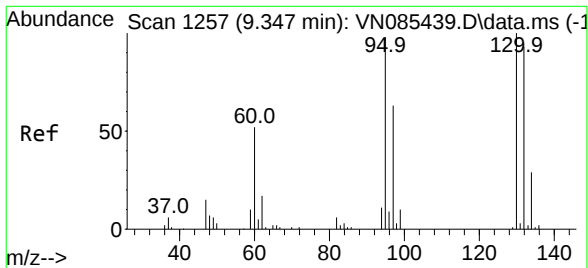
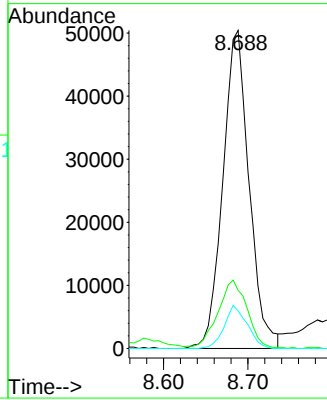
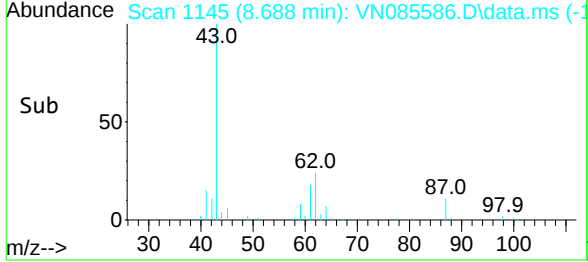
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



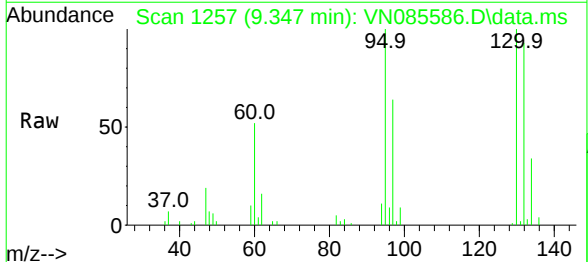
Tgt Ion: 43 Resp: 109065
Ion Ratio Lower Upper
43 100
61 23.9 20.7 31.1
87 11.8 9.8 14.8

Manual Integrations
APPROVED

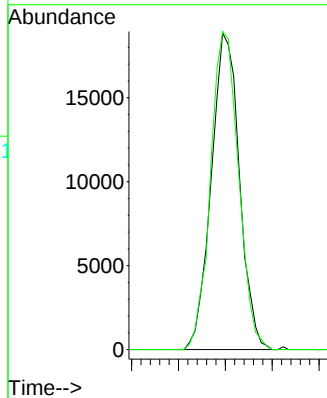
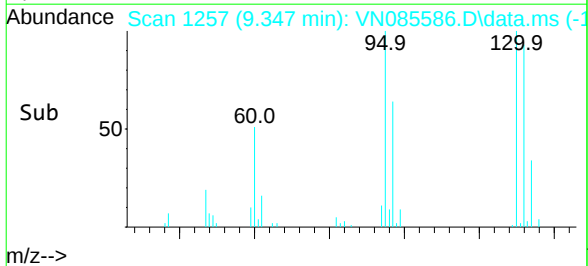
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

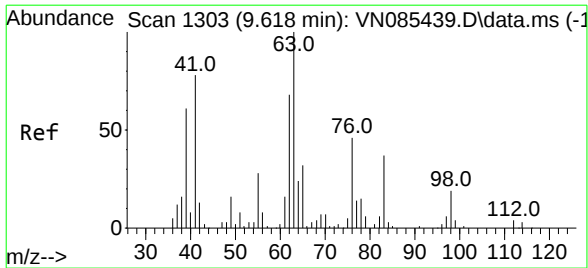


#44
Trichloroethene
Concen: 17.716 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54



Tgt Ion:130 Resp: 39279
Ion Ratio Lower Upper
130 100
95 100.5 0.0 195.8





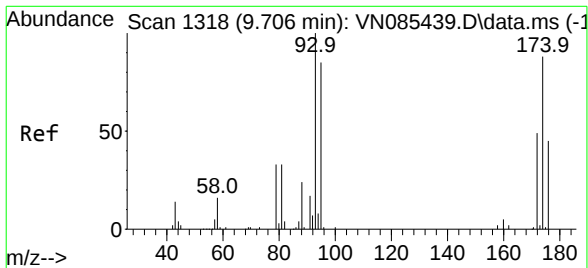
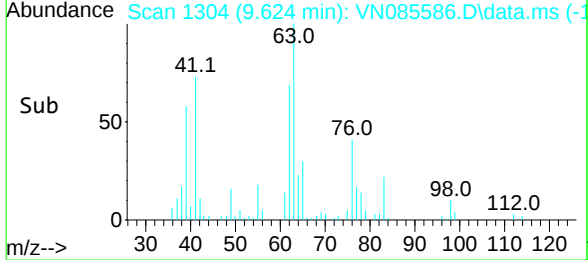
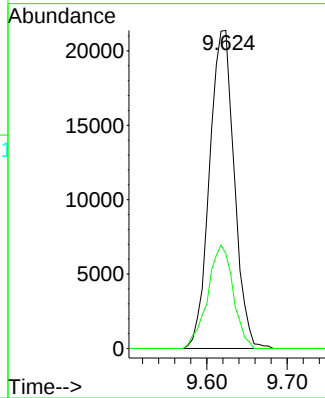
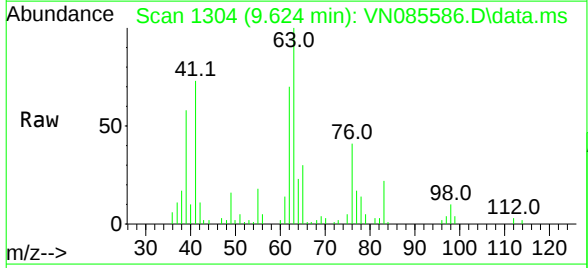
#45
1,2-Dichloropropane
Concen: 18.795 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 63 Resp: 45726
Ion Ratio Lower Upper
63 100
65 29.8 25.6 38.4

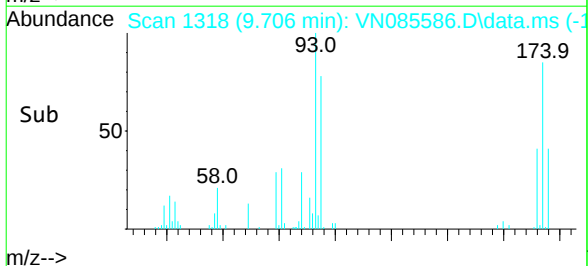
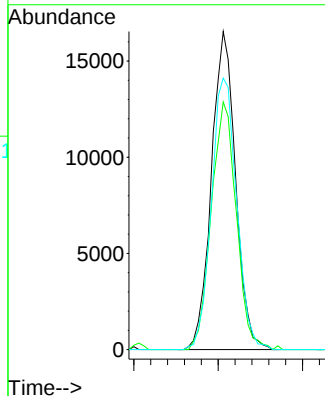
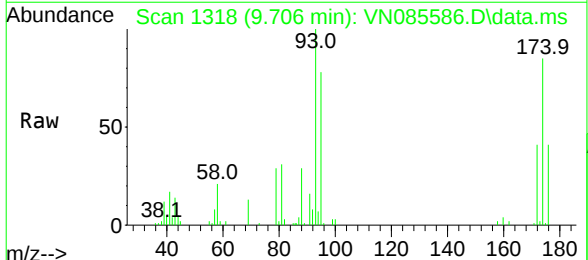
Manual Integrations
APPROVED

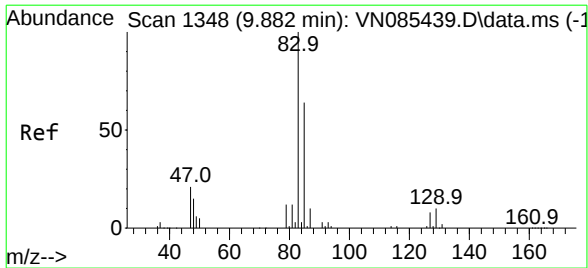
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#46
Dibromomethane
Concen: 18.713 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 93 Resp: 32849
Ion Ratio Lower Upper
93 100
95 80.8 64.7 97.1
174 89.5 69.0 103.4





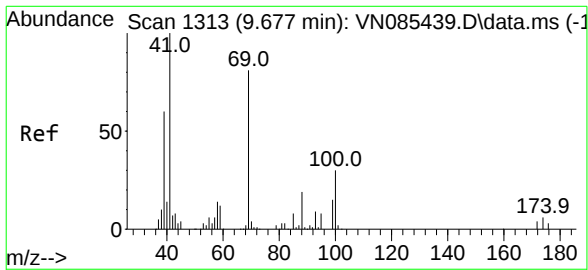
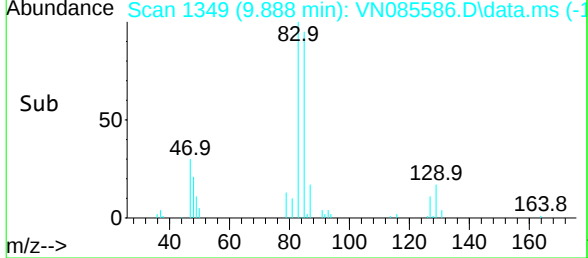
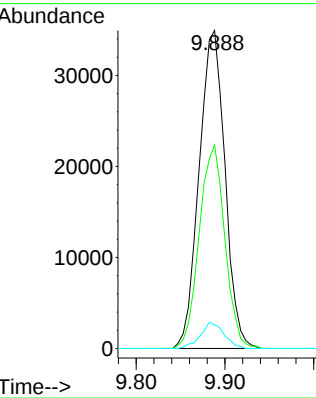
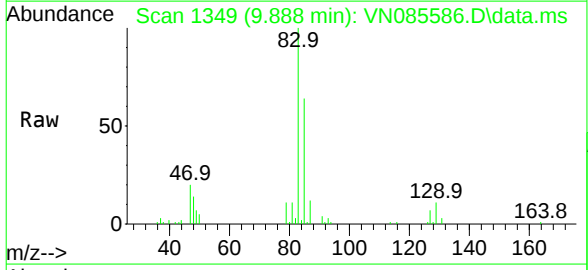
#47
Bromodichloromethane
Concen: 19.783 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 83 Resp: 70750
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 7.5 6.5 9.7

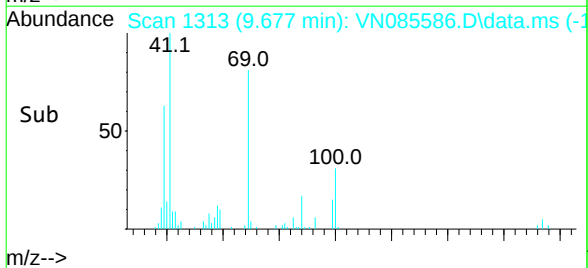
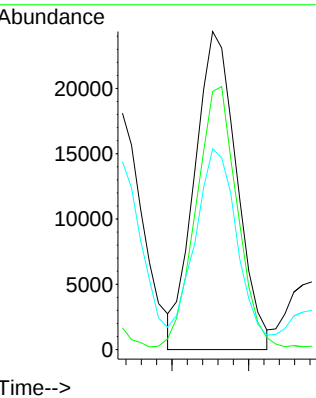
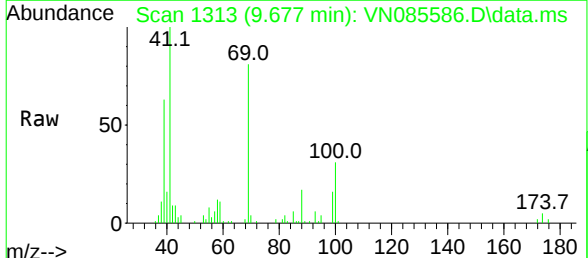
Manual Integrations
APPROVED

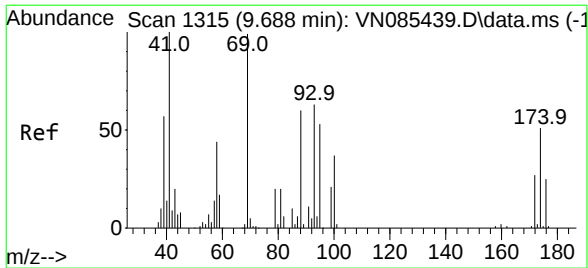
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#48
Methyl methacrylate
Concen: 20.141 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

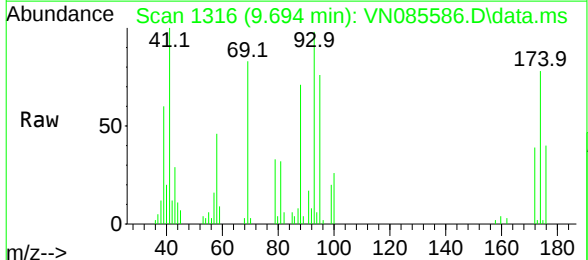
Tgt Ion: 41 Resp: 46469
Ion Ratio Lower Upper
41 100
69 82.2 64.7 97.1
39 64.2 49.0 73.6





#49
1,4-Dioxane
Concen: 435.077 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

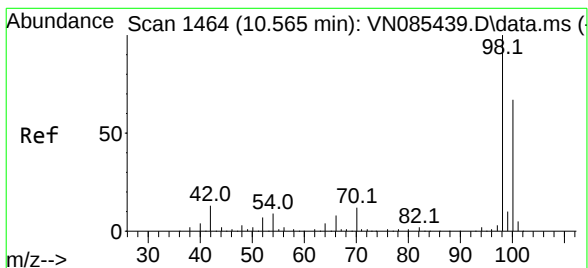
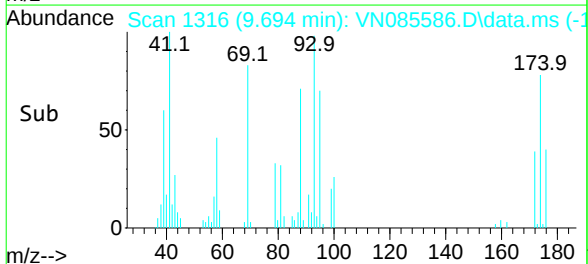
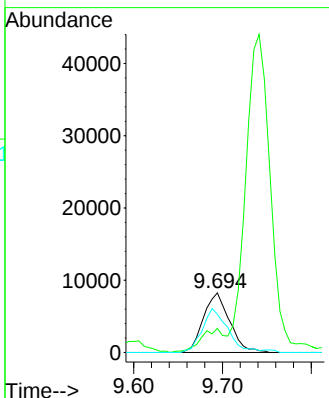
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion:	88	Resp:	16904
Ion	Ratio	Lower	Upper
88	100		
43	37.8	26.6	39.8
58	73.8	59.5	89.3

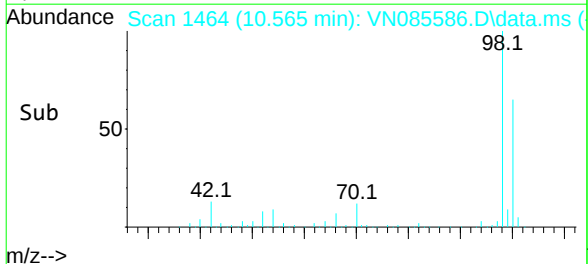
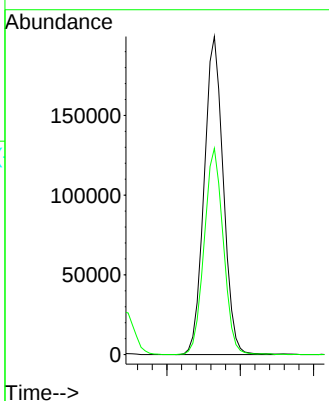
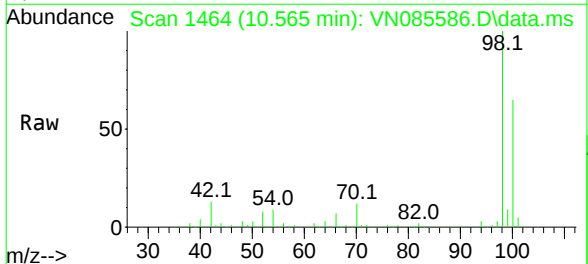
Manual Integrations
APPROVED

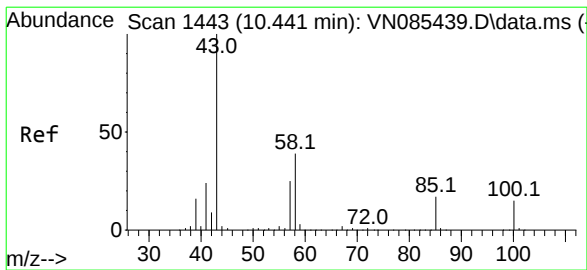
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#50
Toluene-d8
Concen: 44.976 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:	98	Resp:	360922
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





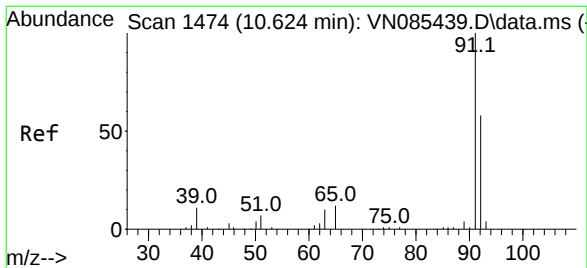
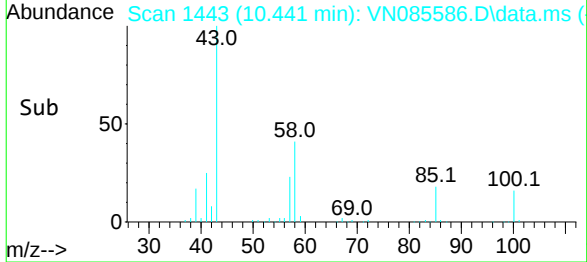
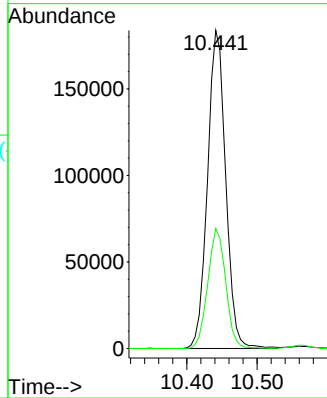
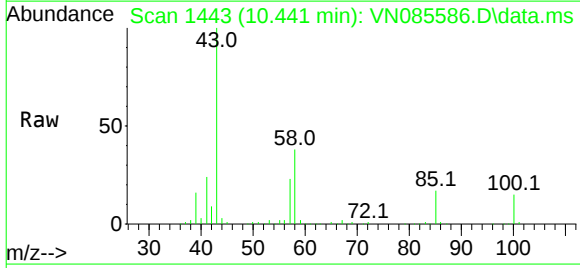
#51
4-Methyl-2-Pentanone
Concen: 111.017 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 43 Resp: 330280
Ion Ratio Lower Upper
43 100
58 37.2 30.5 45.7

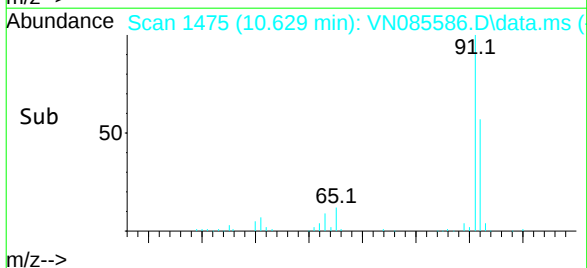
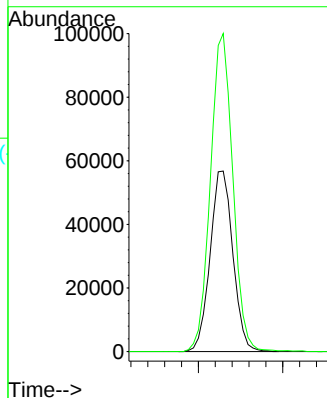
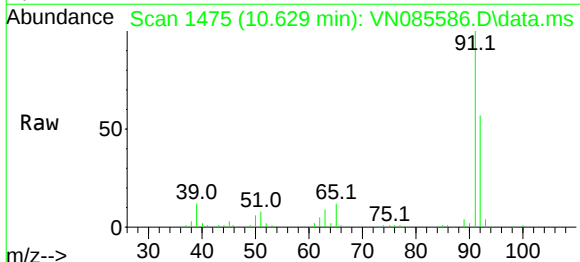
Manual Integrations
APPROVED

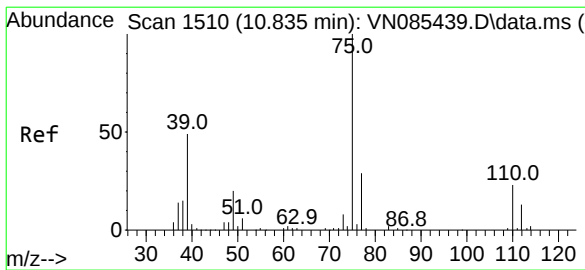
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#52
Toluene
Concen: 19.288 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

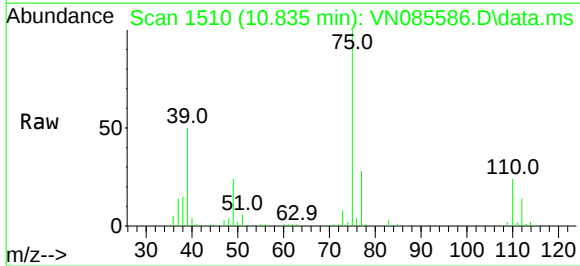
Tgt Ion: 92 Resp: 106445
Ion Ratio Lower Upper
92 100
91 173.4 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 19.239 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54

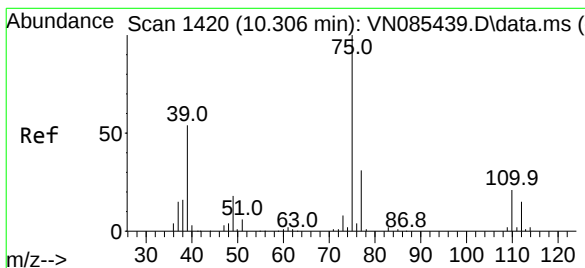
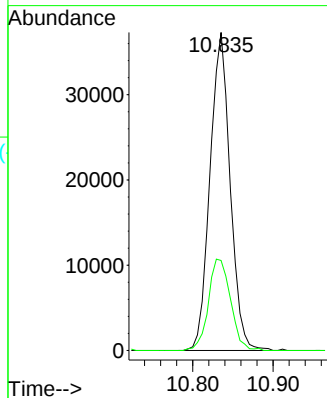
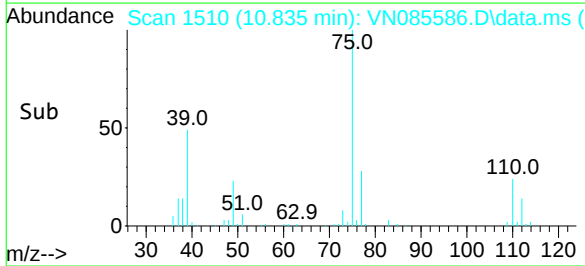
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS02



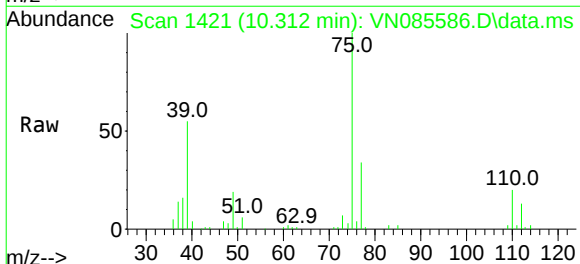
Tgt Ion: 75 Resp: 65023
 Ion Ratio Lower Upper
 75 100
 77 28.3 23.5 35.3

Manual Integrations
 APPROVED

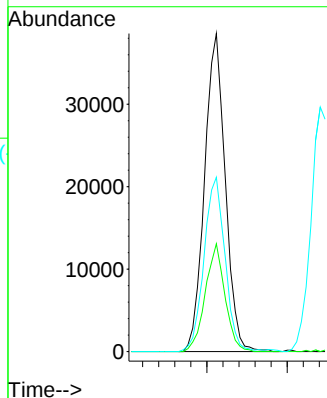
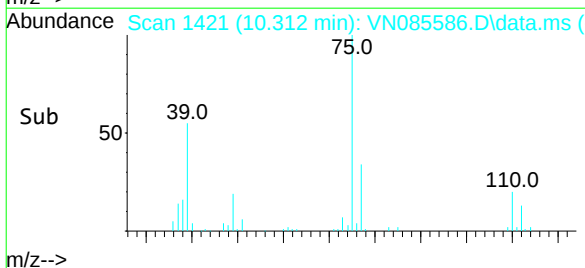
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.153 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085586.D
 Acq: 30 Jan 2025 17:54



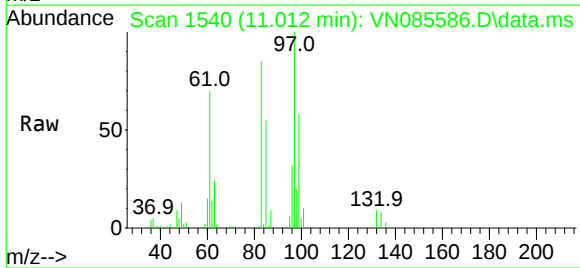
Tgt Ion: 75 Resp: 69146
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.0 37.4
 39 54.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 19.959 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

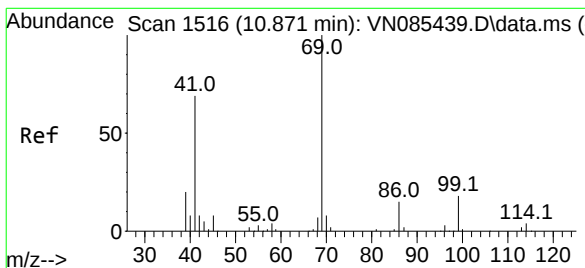
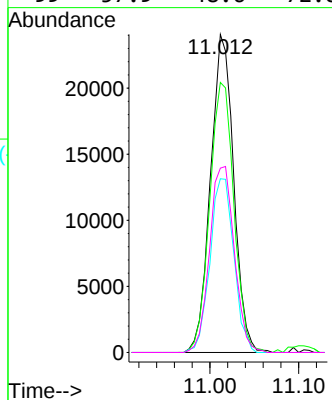
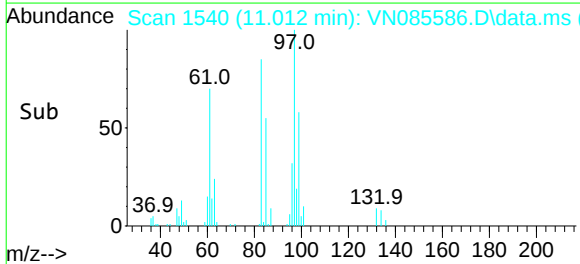
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



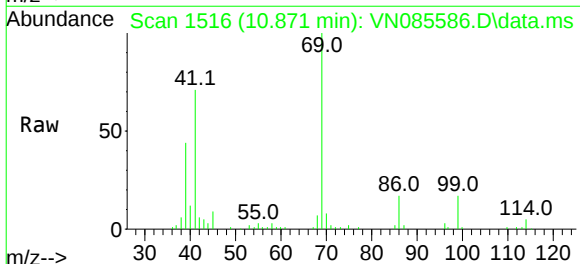
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.0	103.6
85	54.6	44.6	66.8
99	57.9	48.6	72.8

Manual Integrations
APPROVED

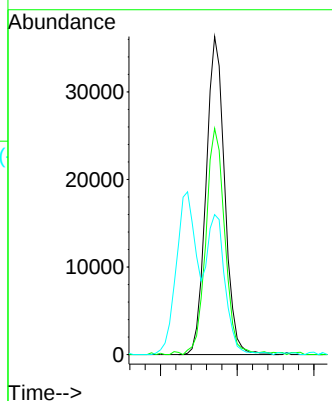
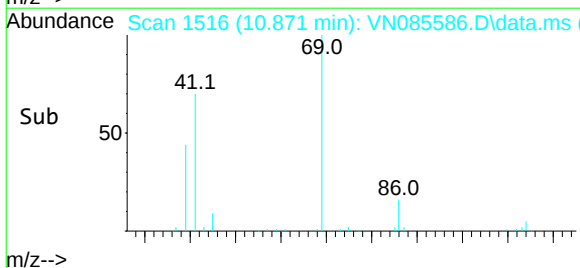
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

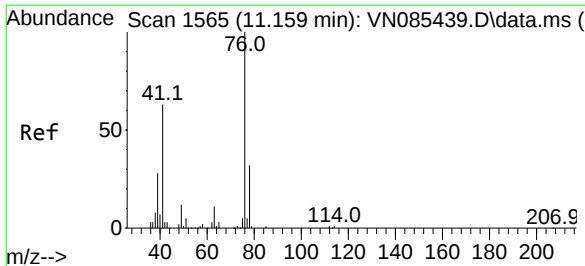


#56
Ethyl methacrylate
Concen: 17.901 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54



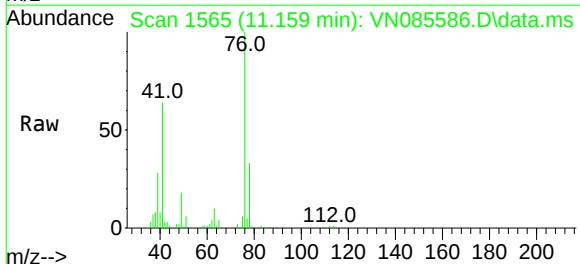
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.4	54.6	82.0
39	44.0	32.4	48.6





#57
1,3-Dichloropropane
Concen: 19.748 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

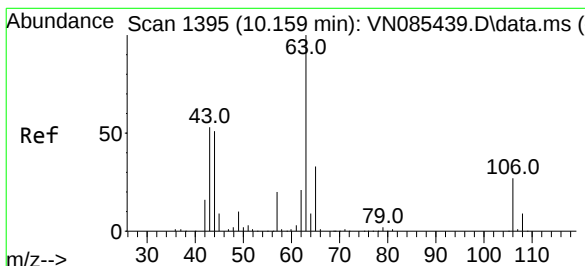
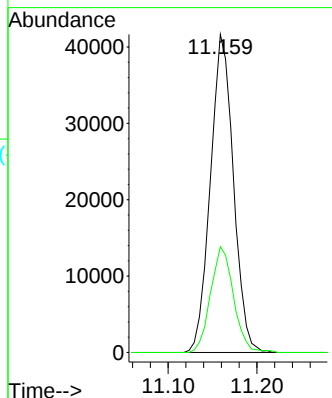
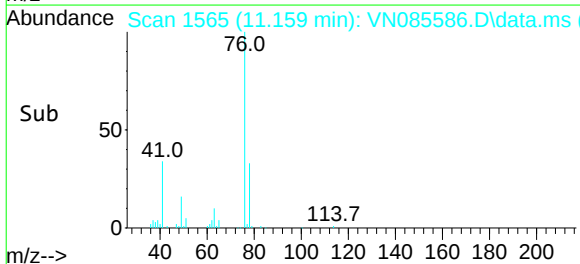
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 76 Resp: 74995
Ion Ratio Lower Upper
76 100
78 33.2 25.6 38.4

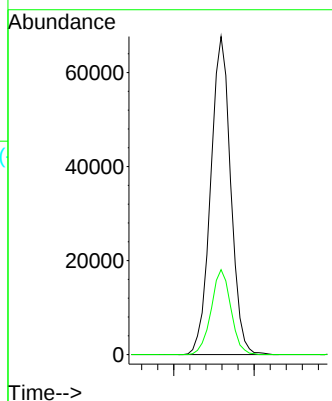
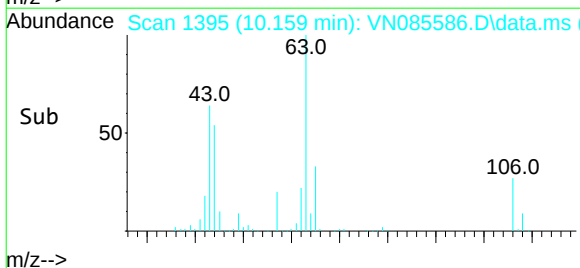
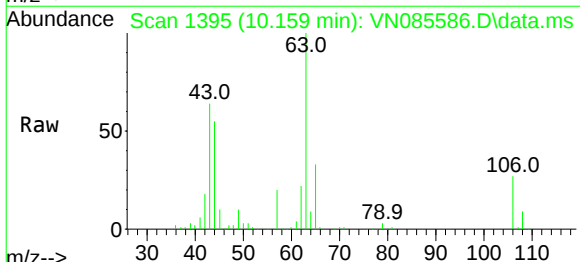
Manual Integrations
APPROVED

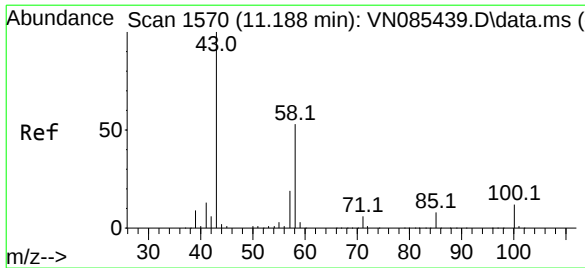
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 84.585 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 63 Resp: 117232
Ion Ratio Lower Upper
63 100
106 26.3 21.6 32.4





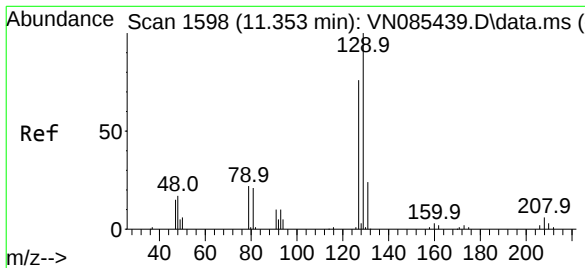
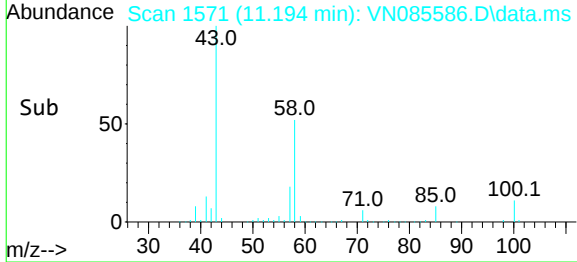
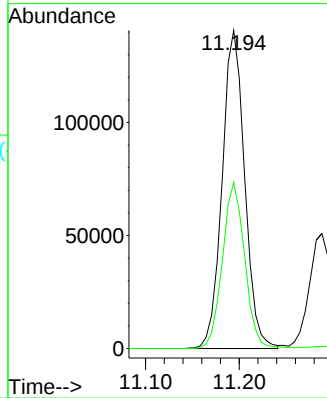
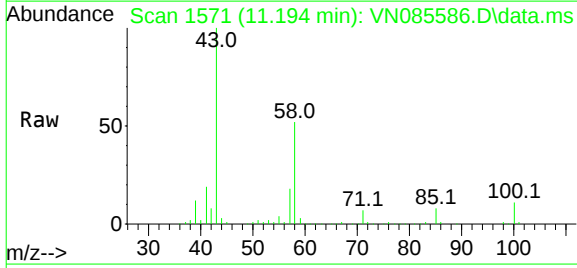
#59
2-Hexanone
Concen: 112.151 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 43 Resp: 234769
Ion Ratio Lower Upper
43 100
58 51.6 26.2 78.6

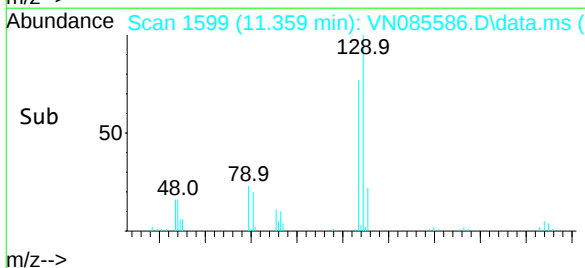
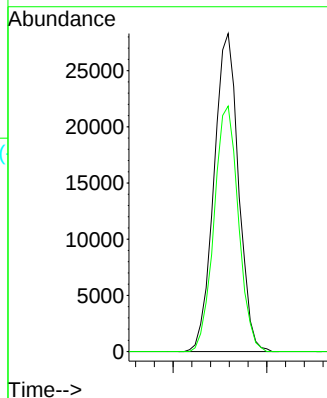
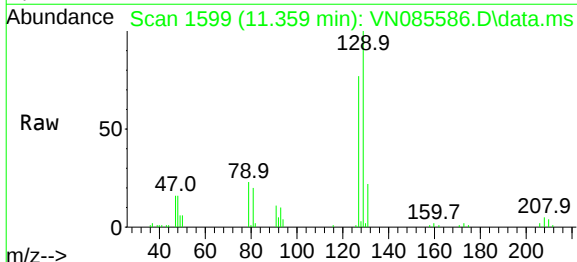
Manual Integrations
APPROVED

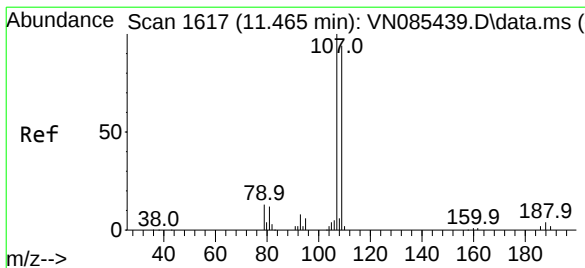
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
Dibromochloromethane
Concen: 19.531 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:129 Resp: 51498
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





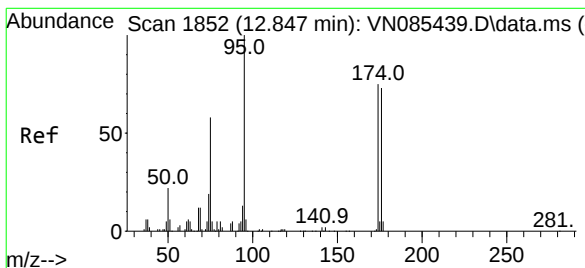
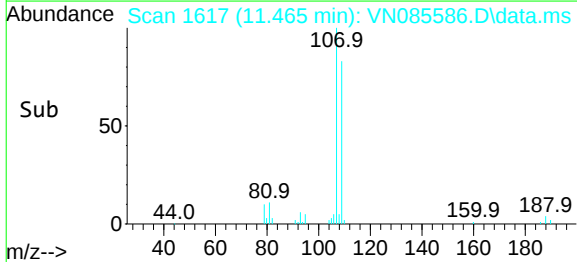
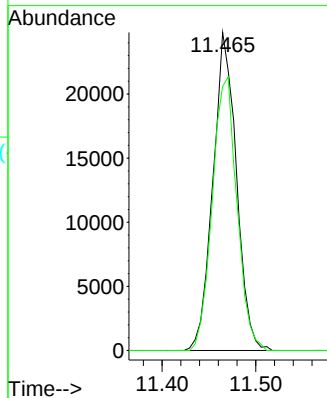
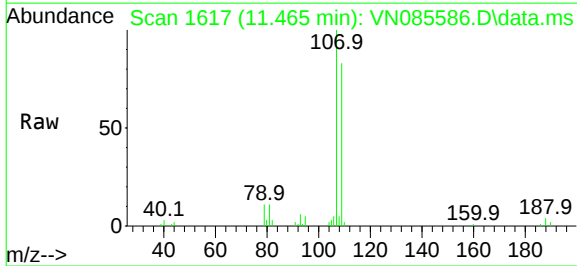
#61
1,2-Dibromoethane
Concen: 19.837 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 107 Resp: 43125
Ion Ratio Lower Upper
107 100
109 90.3 75.9 113.9

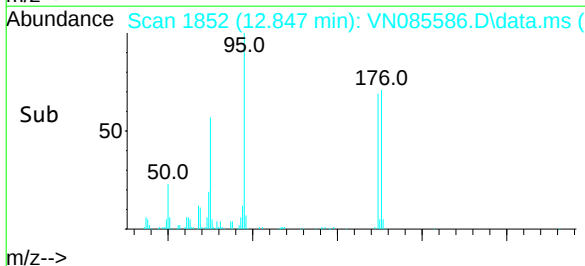
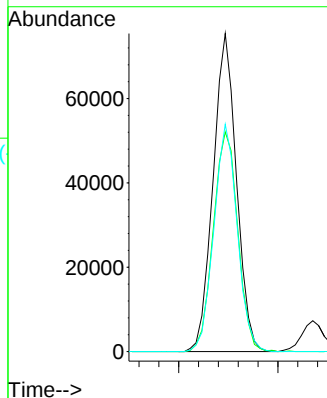
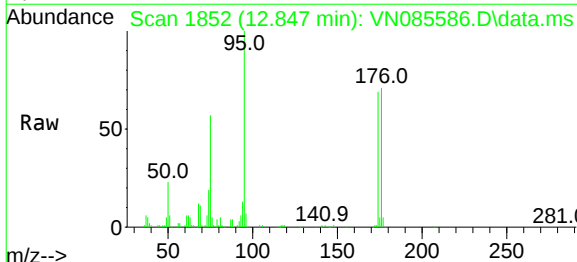
Manual Integrations
APPROVED

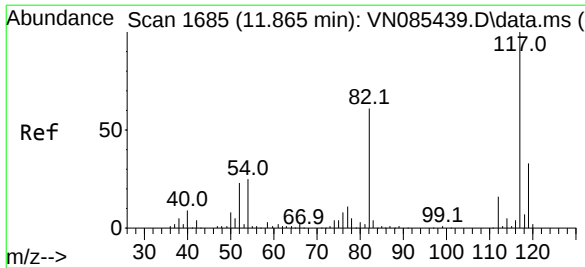
Reviewed By : John Carlone 01/31/2025
Supervised By : Semsettin Yesilyurt 01/31/2025



#62
4-Bromofluorobenzene
Concen: 44.920 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 95 Resp: 123310
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.0
176 71.5 0.0 142.4





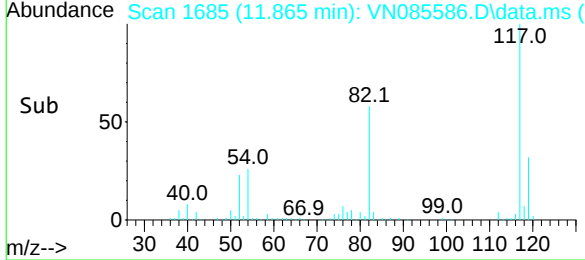
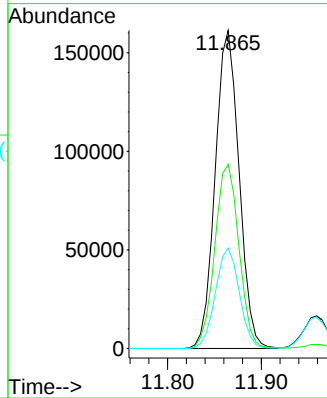
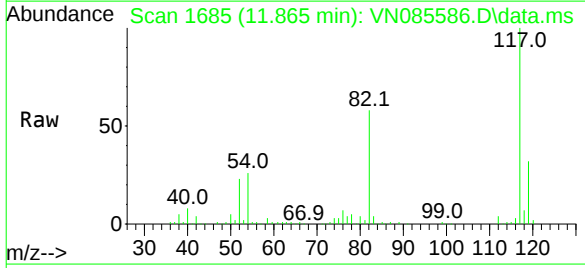
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion:	117	Resp:	285028
Ion	Ratio	Lower	Upper
117	100		
82	57.9	48.6	72.8
119	31.6	26.6	39.8

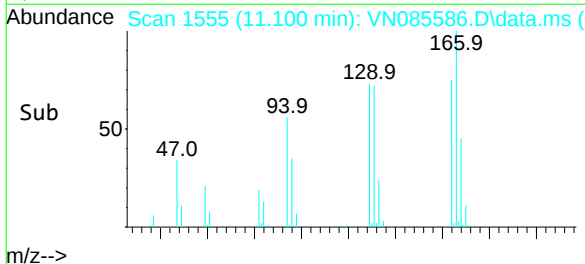
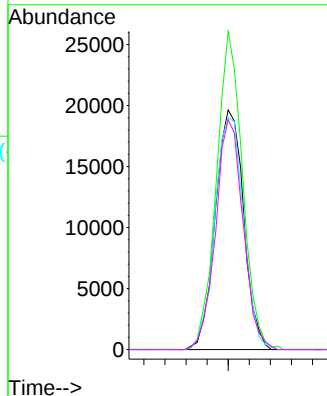
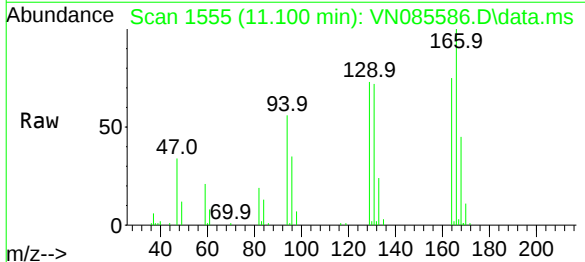
Manual Integrations
APPROVED

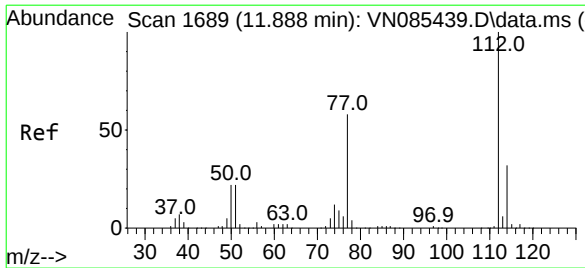
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#64
Tetrachloroethene
Concen: 18.777 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:	164	Resp:	36487
Ion	Ratio	Lower	Upper
164	100		
166	132.7	103.4	155.2
129	96.8	79.2	118.8
131	95.9	77.1	115.7





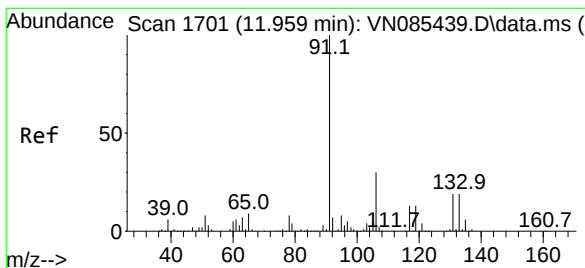
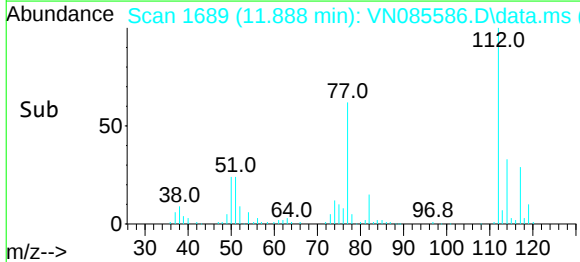
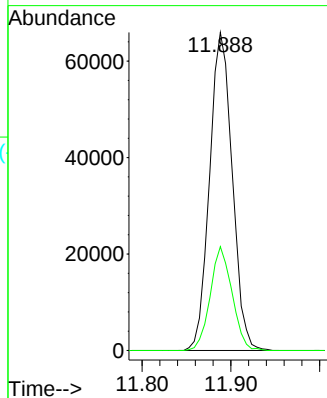
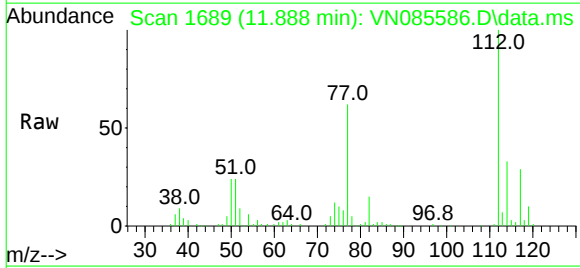
#65
Chlorobenzene
Concen: 18.728 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion:112 Resp: 116937
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

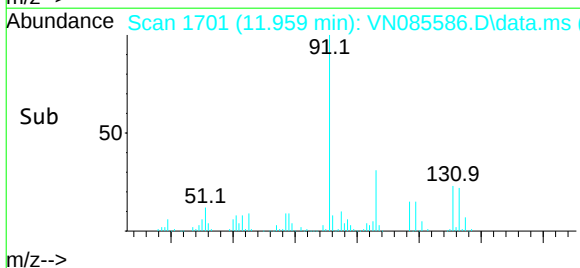
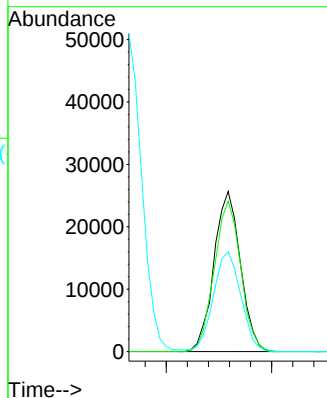
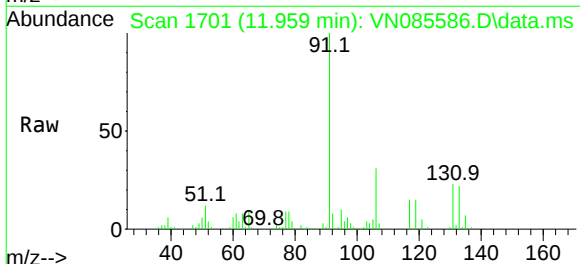
Manual Integrations
APPROVED

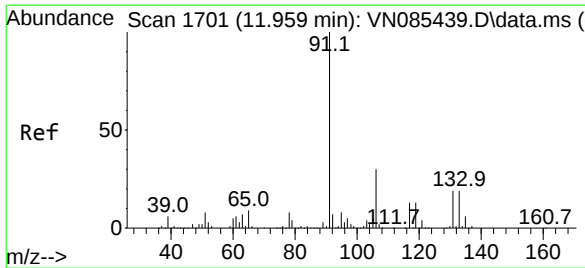
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.563 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:131 Resp: 44833
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.3
119 64.5 33.1 99.5





#67

Ethyl Benzene

Concen: 18.443 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

Tgt Ion: 91 Resp: 187560

Ion Ratio Lower Upper

91 100

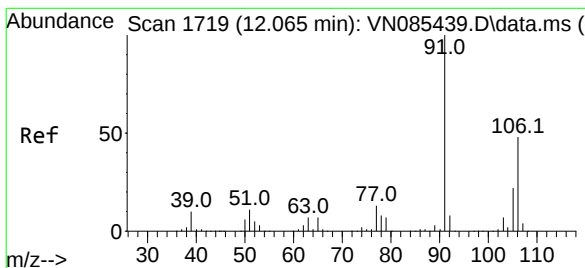
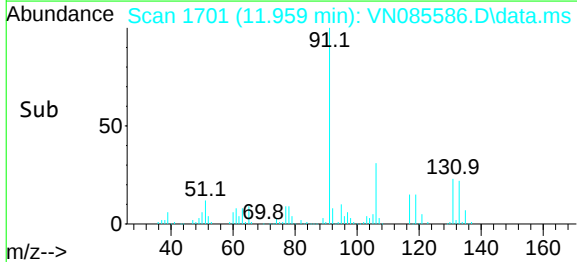
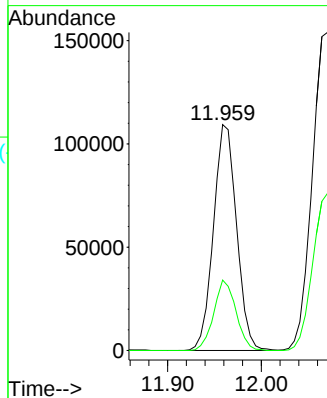
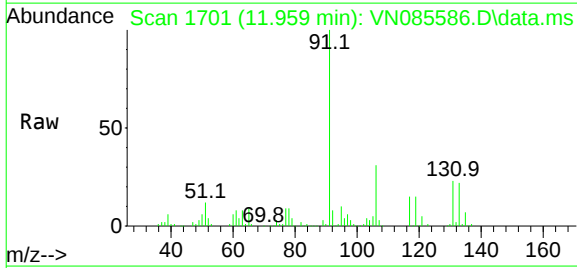
106 31.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#68

m/p-Xylenes

Concen: 38.838 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085586.D

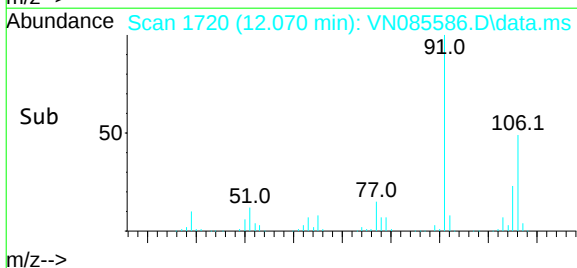
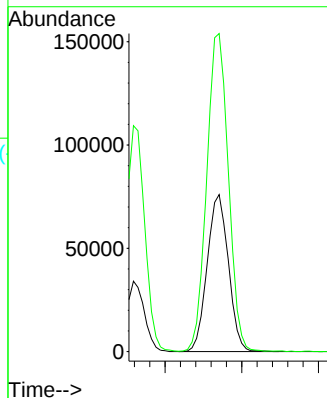
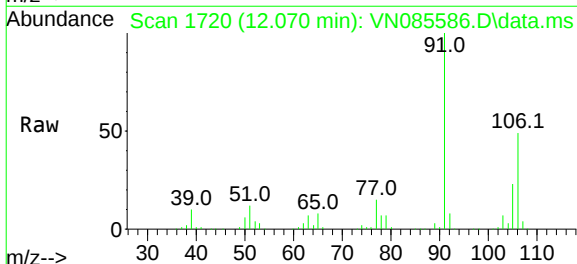
Acq: 30 Jan 2025 17:54

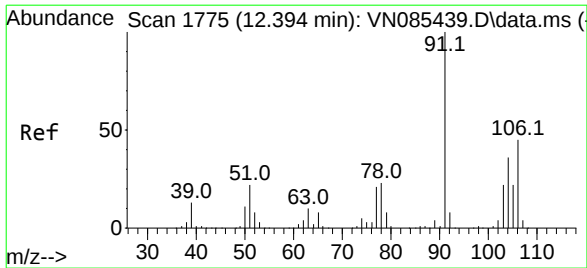
Tgt Ion:106 Resp: 145976

Ion Ratio Lower Upper

106 100

91 206.3 167.7 251.5





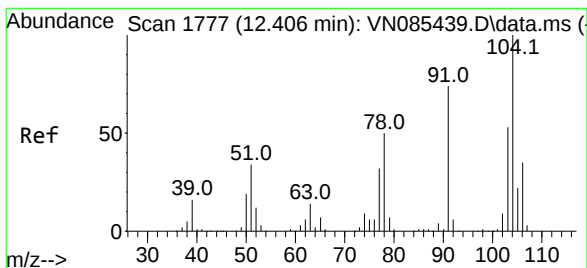
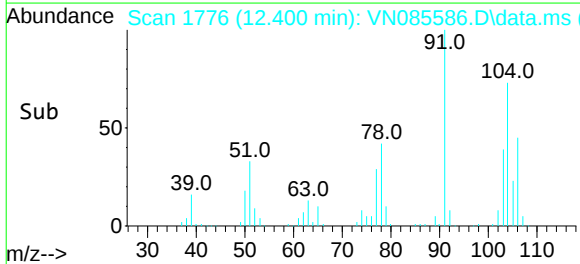
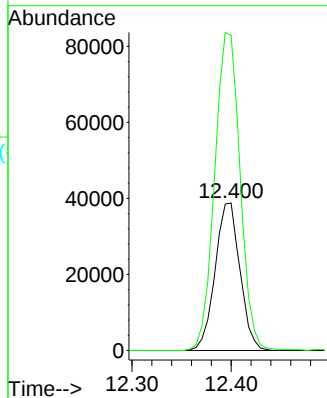
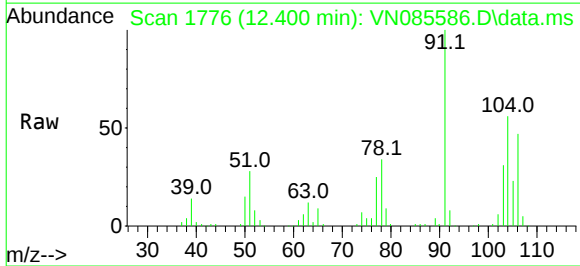
#69
o-Xylene
Concen: 18.762 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion:106 Resp: 67394
Ion Ratio Lower Upper
106 100
91 220.9 110.4 331.2

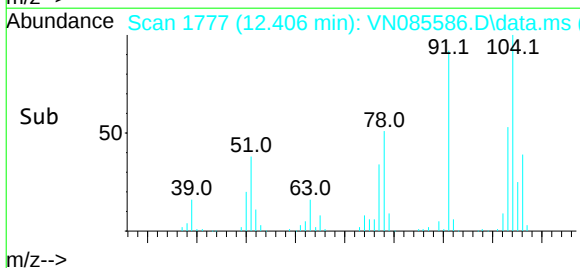
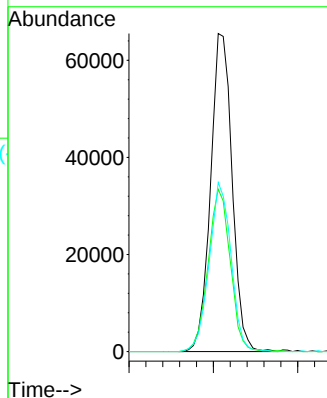
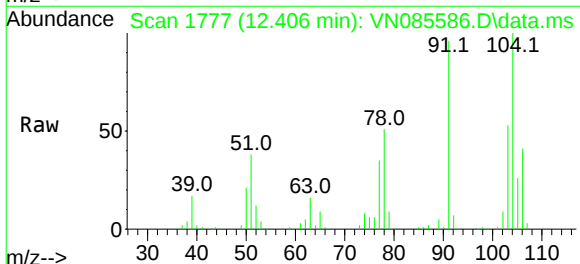
Manual Integrations
APPROVED

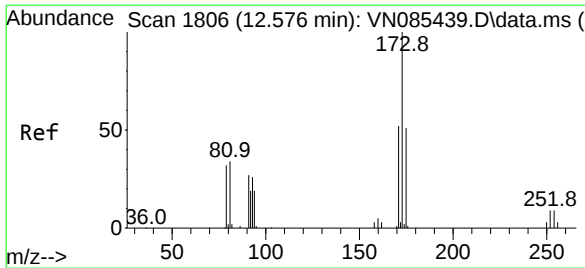
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#70
Styrene
Concen: 19.553 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:104 Resp: 116236
Ion Ratio Lower Upper
104 100
78 52.7 42.5 63.7
103 53.9 43.8 65.8





#71

Bromoform

Concen: 20.886 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

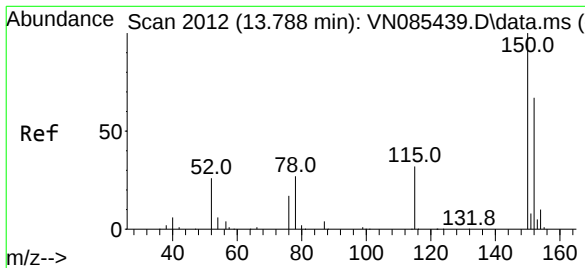
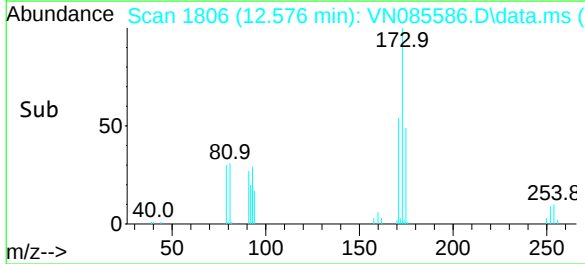
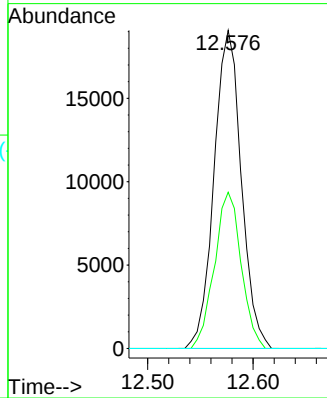
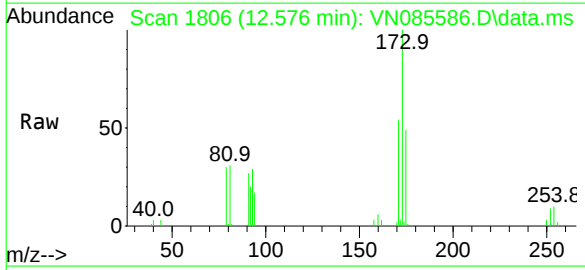
Tgt Ion:	173	Resp:	34248
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

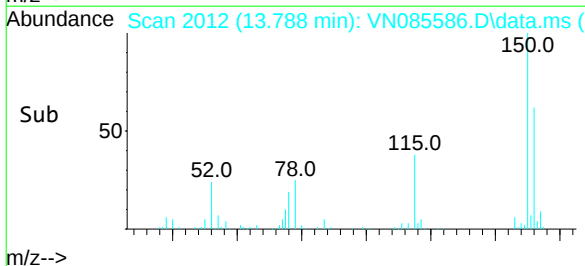
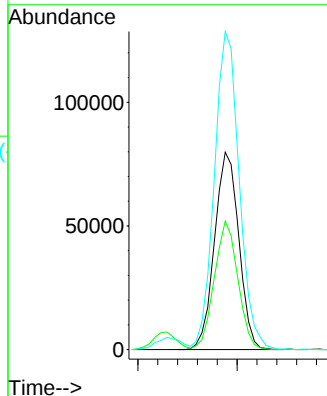
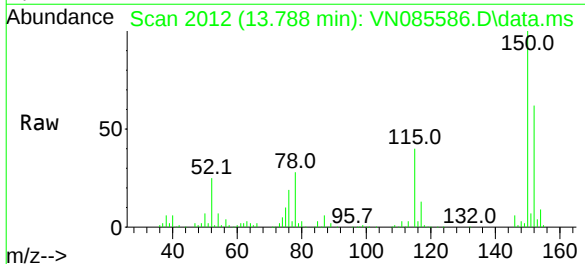
RT: 13.788 min Scan# 2012

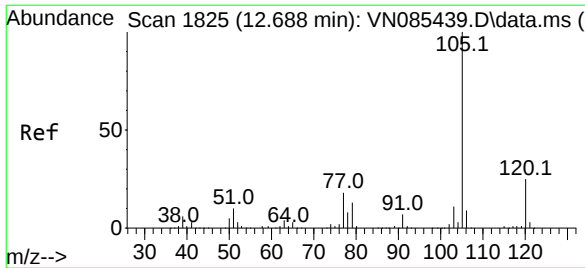
Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Tgt Ion:	152	Resp:	135677
Ion Ratio	Lower	Upper	
152	100		
115	63.1	31.1	93.3
150	165.3	0.0	343.6





#73

Isopropylbenzene

Concen: 18.921 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

Tgt Ion: 105 Resp: 173259

Ion Ratio Lower Upper

105 100

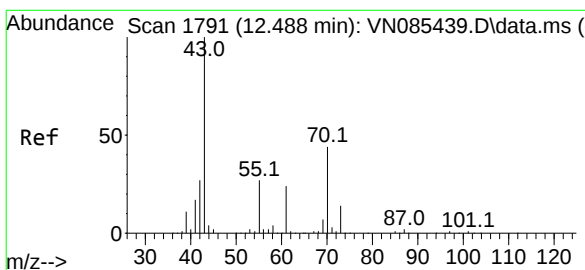
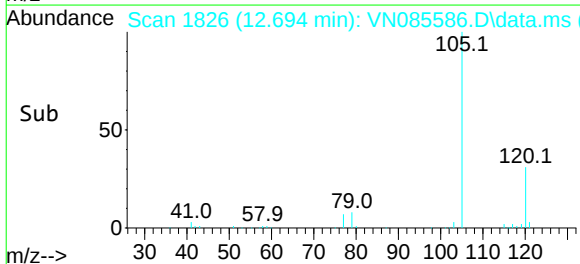
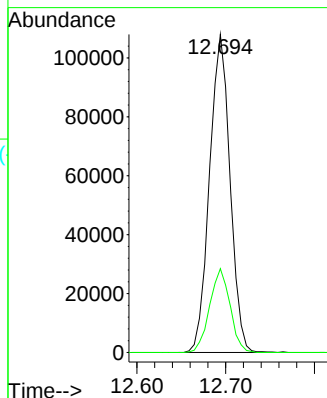
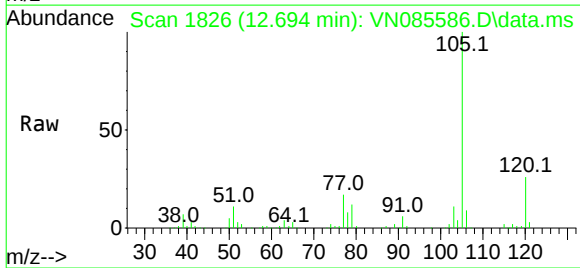
120 26.2 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

N-ethyl acetate

Concen: 19.696 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Tgt Ion: 43 Resp: 81066

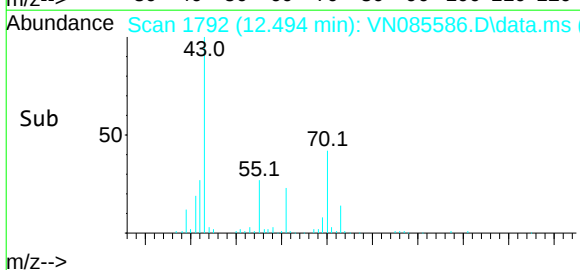
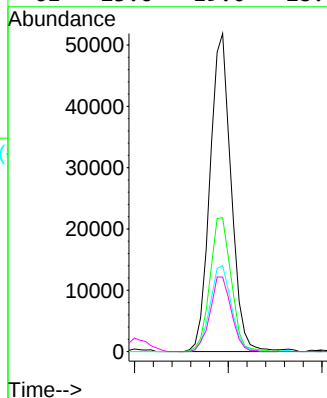
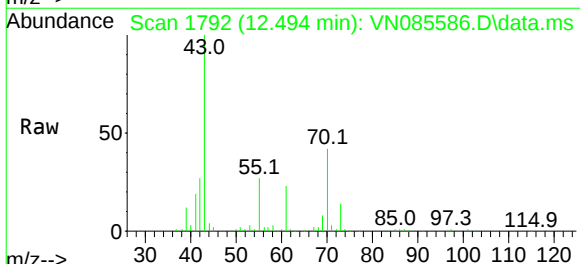
Ion Ratio Lower Upper

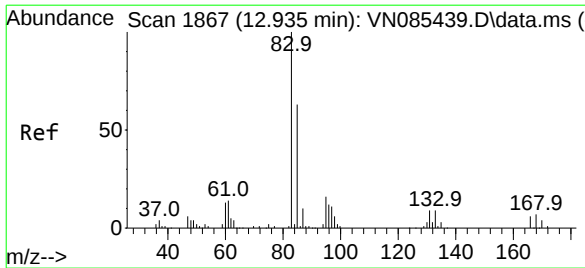
43 100

70 42.5 34.0 51.0

55 27.2 21.4 32.2

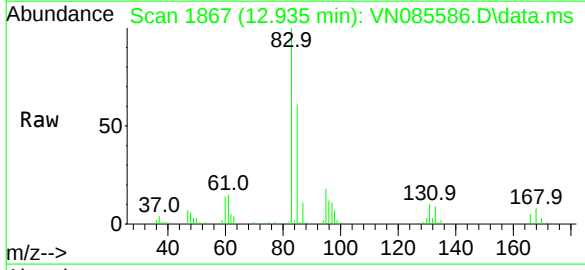
61 23.6 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.408 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

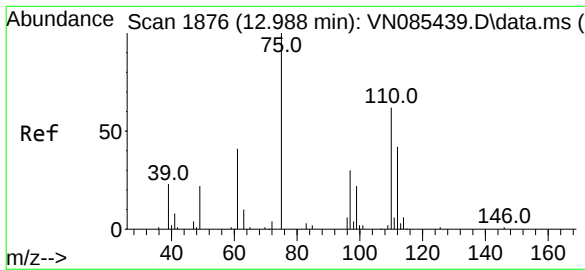
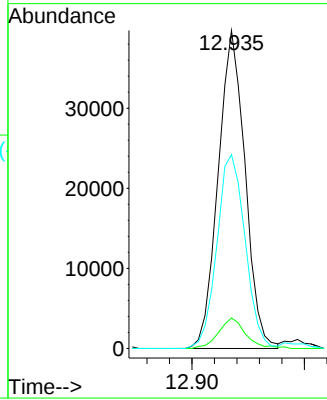
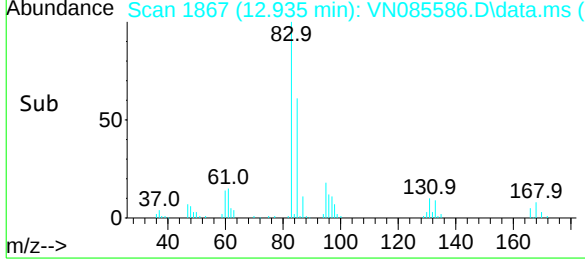
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 83 Resp: 66012
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.8 32.2 96.6

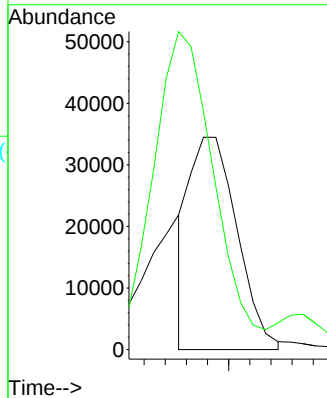
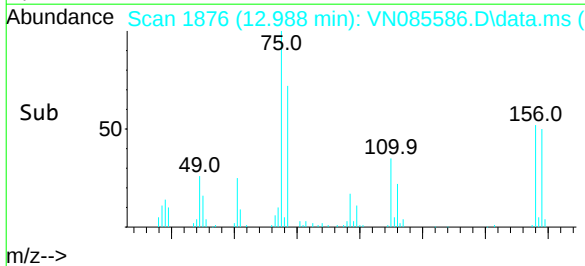
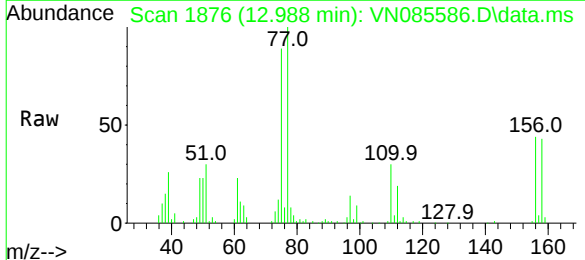
Manual Integrations
APPROVED

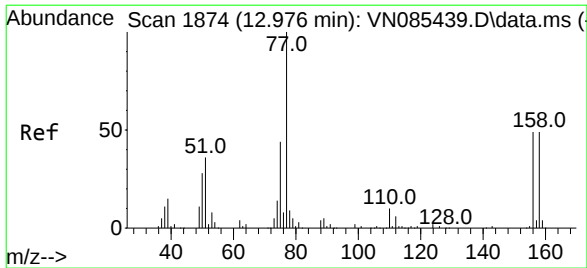
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,2,3-Trichloropropane
Concen: 19.533 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

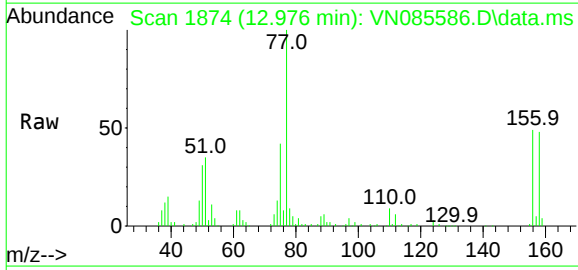
Tgt Ion: 75 Resp: 53865
Ion Ratio Lower Upper
75 100
77 194.2 109.7 329.2





#77
Bromobenzene
Concen: 18.883 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

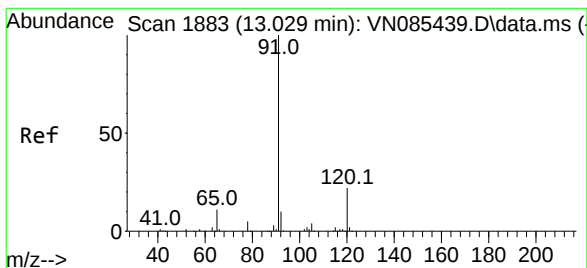
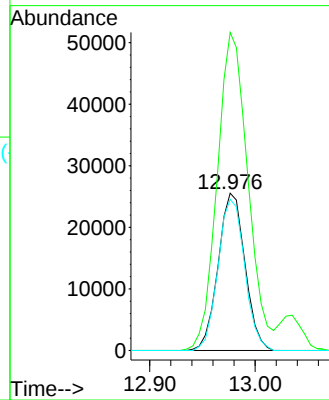
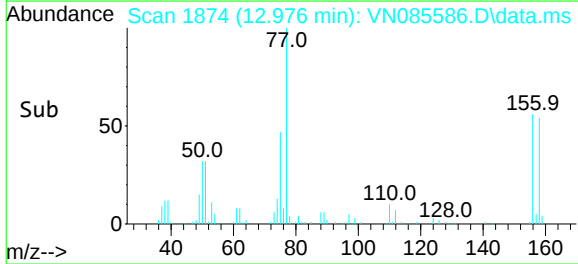
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion: 156 Resp: 45176
Ion Ratio Lower Upper
156 100
77 231.5 114.1 342.4
158 95.6 48.9 146.8

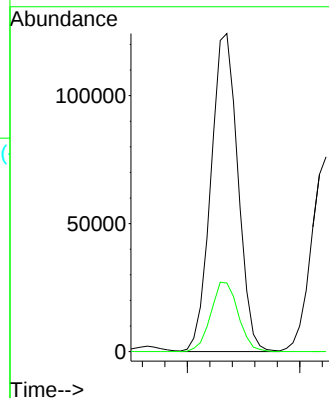
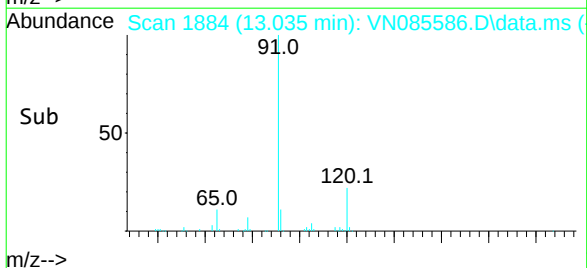
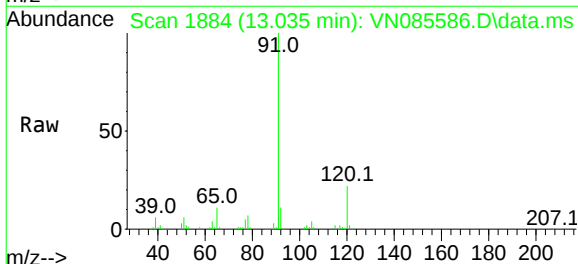
Manual Integrations
APPROVED

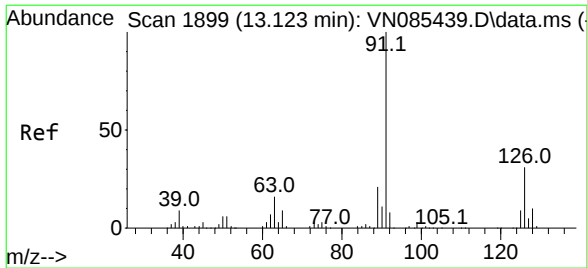
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#78
n-propylbenzene
Concen: 19.134 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 91 Resp: 207419
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6





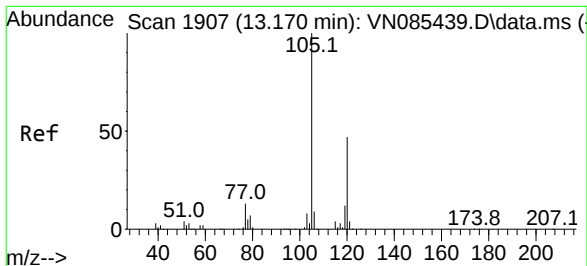
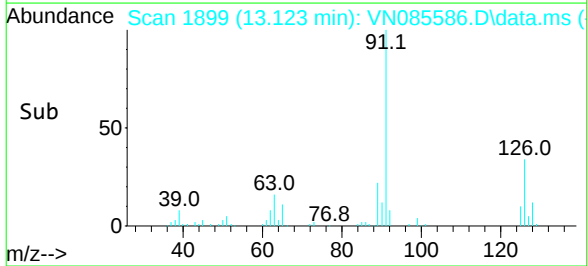
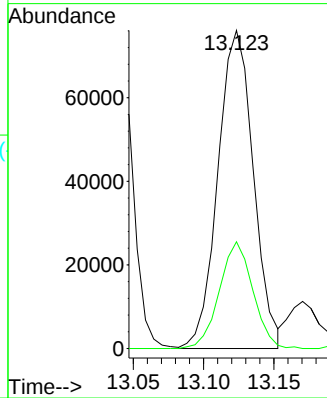
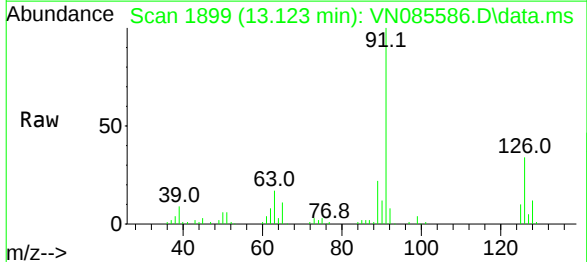
#79
2-Chlorotoluene
Concen: 19.024 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 91 Resp: 133476
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1

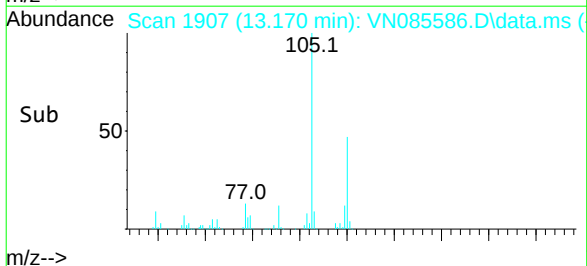
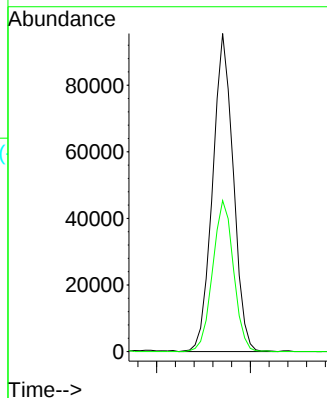
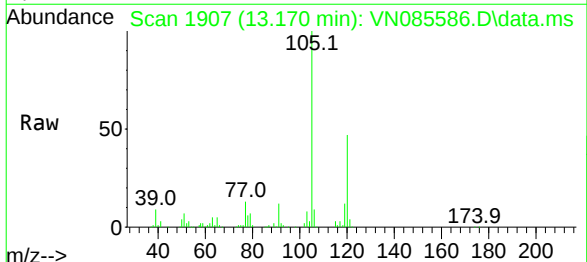
Manual Integrations
APPROVED

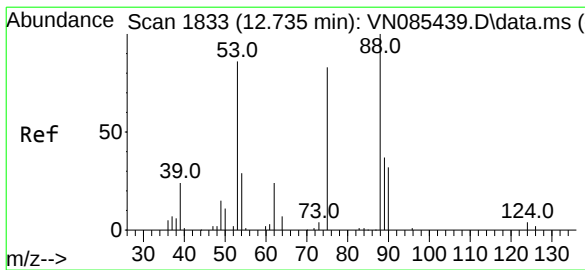
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.328 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion:105 Resp: 146195
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





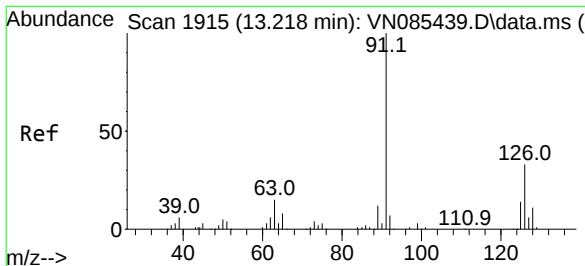
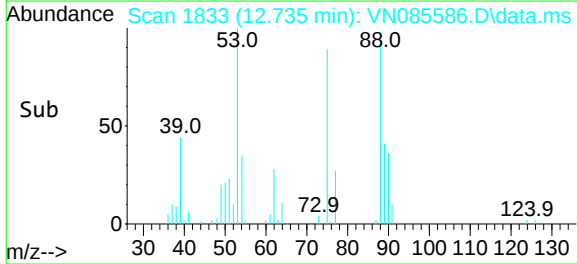
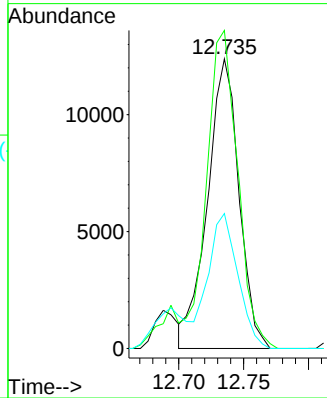
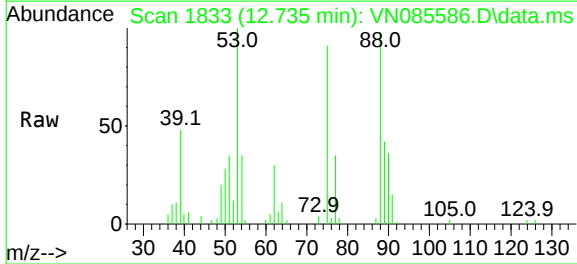
#81
trans-1,4-Dichloro-2-butene
Concen: 20.512 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion: 75 Resp: 20907
Ion Ratio Lower Upper
75 100
53 108.8 95.6 143.4
89 43.4 37.0 55.6

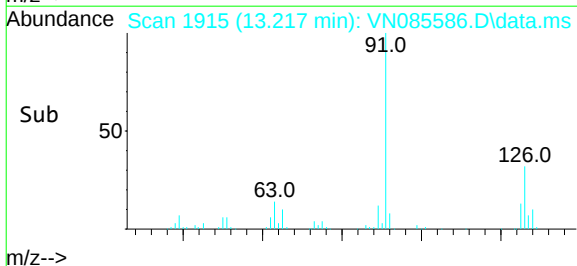
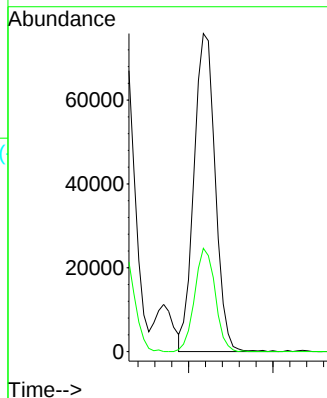
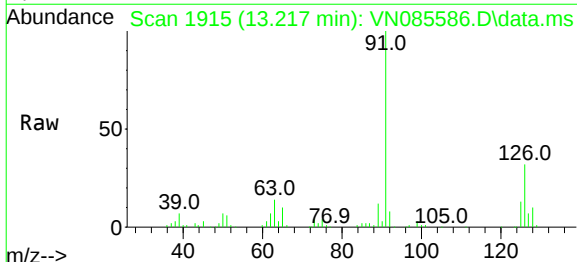
Manual Integrations
APPROVED

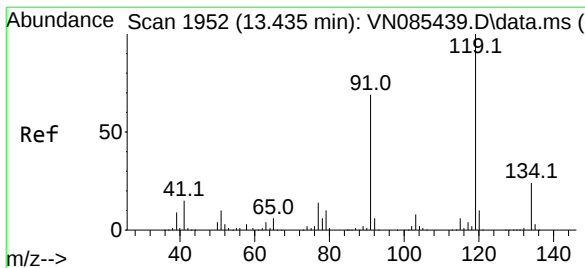
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
4-Chlorotoluene
Concen: 19.023 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 91 Resp: 132889
Ion Ratio Lower Upper
91 100
126 31.3 15.9 47.7





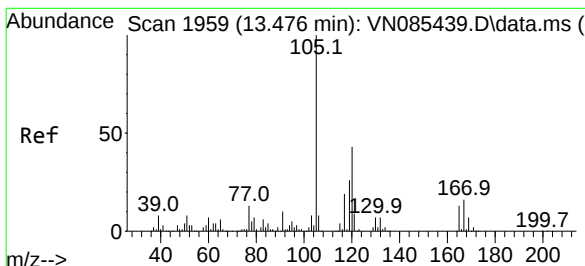
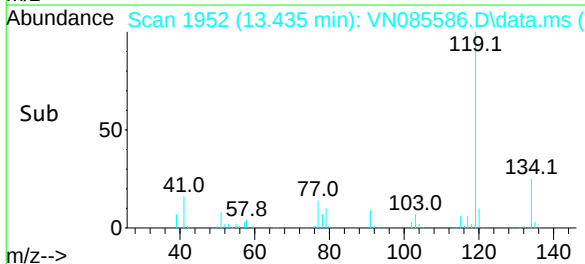
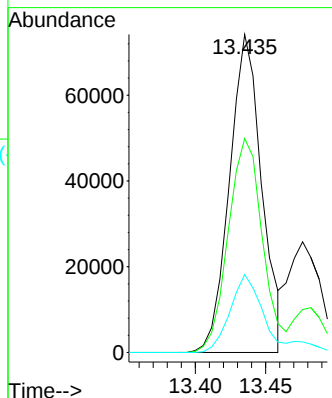
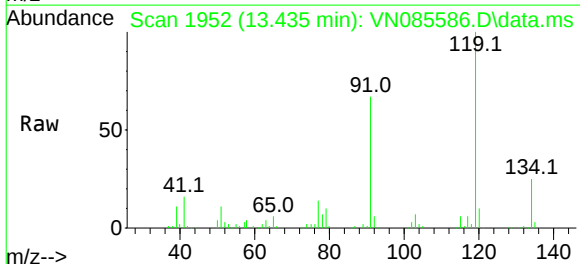
#83
tert-Butylbenzene
Concen: 18.645 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	71.6	35.1	105.3
134	24.2	12.0	36.1

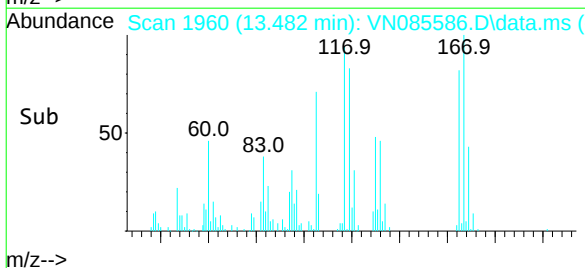
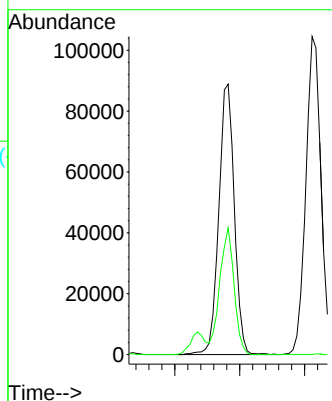
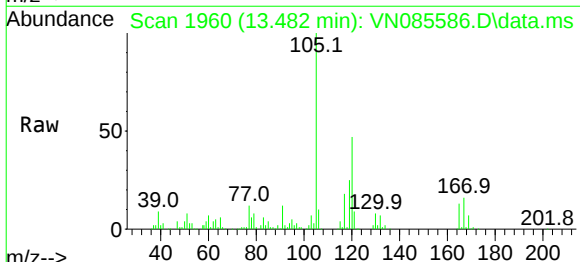
Manual Integrations
APPROVED

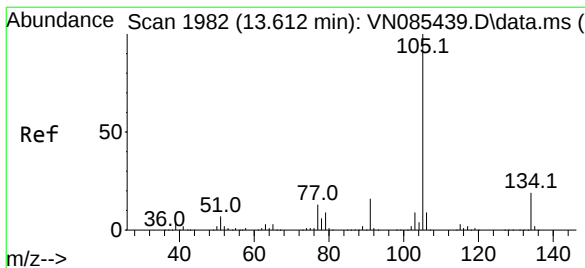
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.593 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

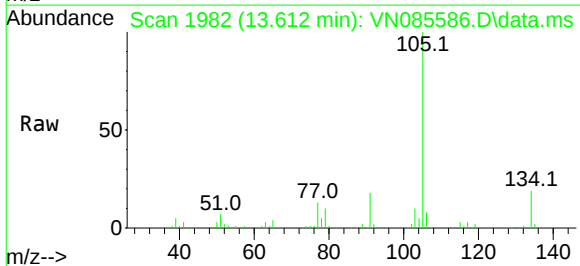
Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.6	65.0





#85
sec-Butylbenzene
Concen: 19.128 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

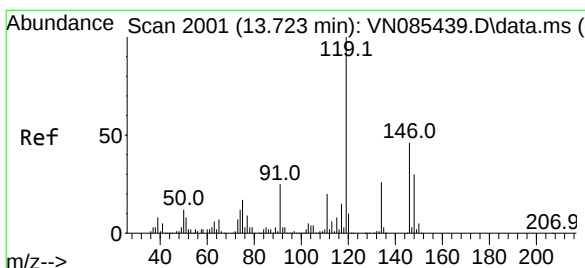
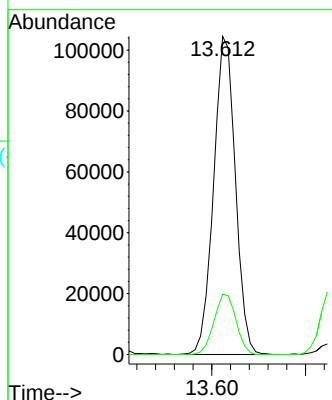
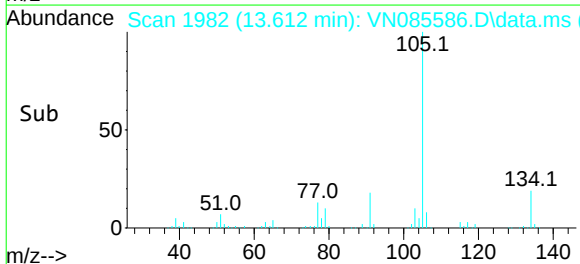
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion:105 Resp: 168396
Ion Ratio Lower Upper
105 100
134 19.1 9.7 28.9

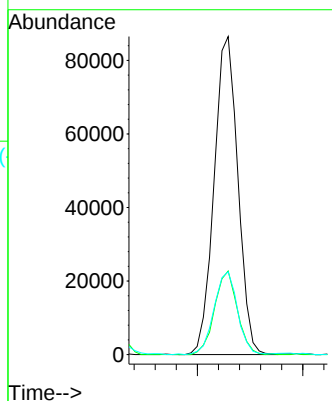
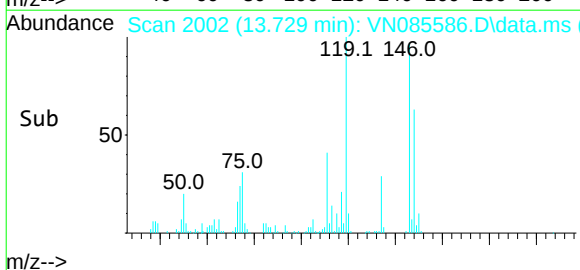
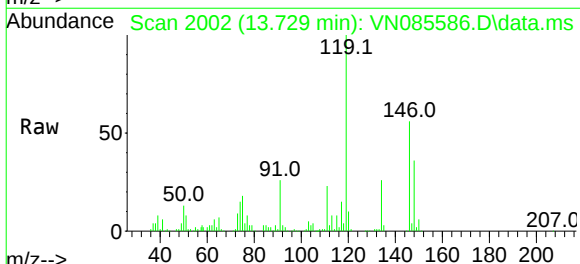
Manual Integrations
APPROVED

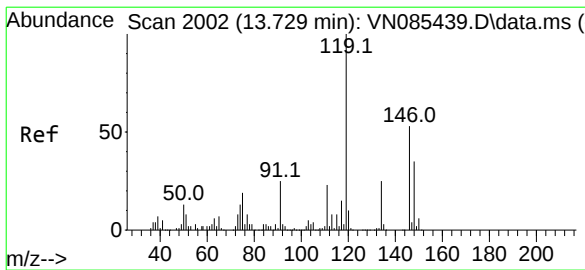
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#86
p-Isopropyltoluene
Concen: 18.551 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

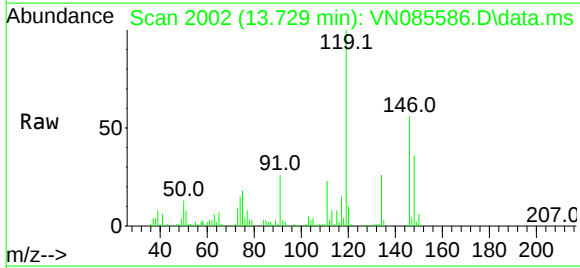
Tgt Ion:119 Resp: 135583
Ion Ratio Lower Upper
119 100
134 25.1 12.7 38.0
91 25.7 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 18.656 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

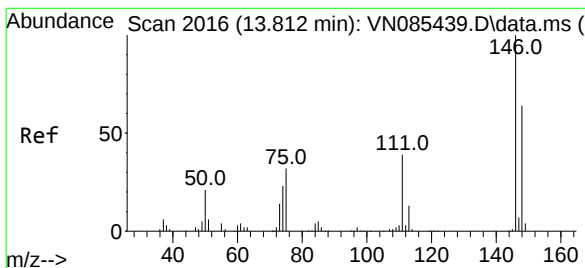
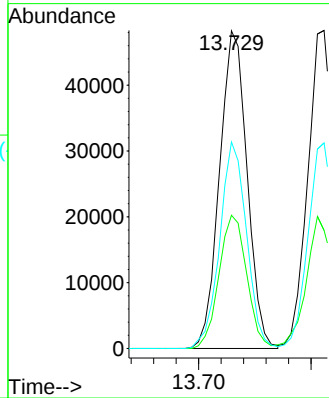
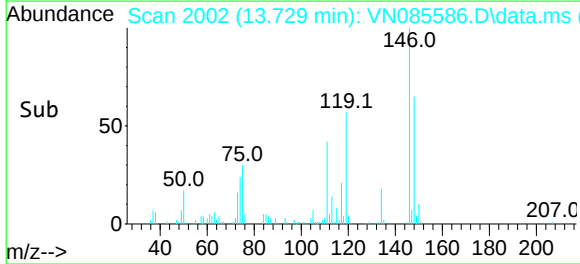
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.3
148	63.1	32.3	96.9

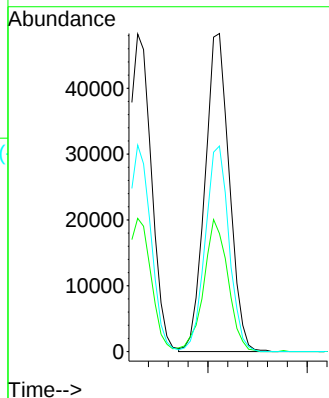
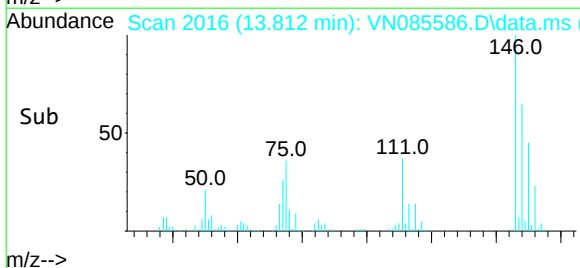
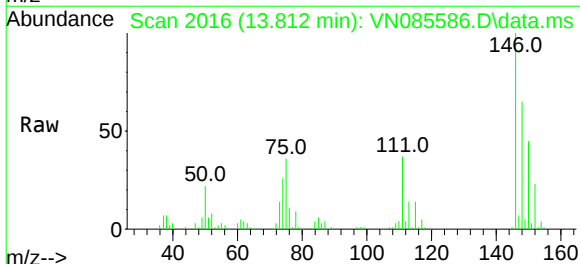
Manual Integrations
APPROVED

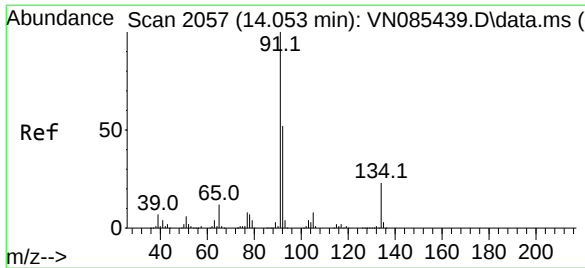
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#88
1,4-Dichlorobenzene
Concen: 18.027 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.2	32.4	97.0





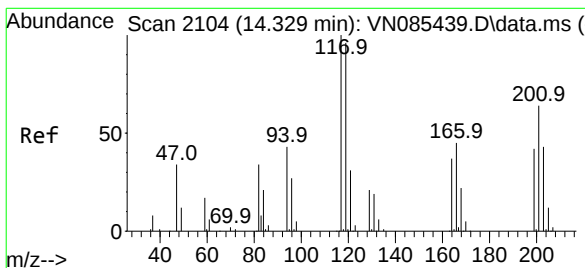
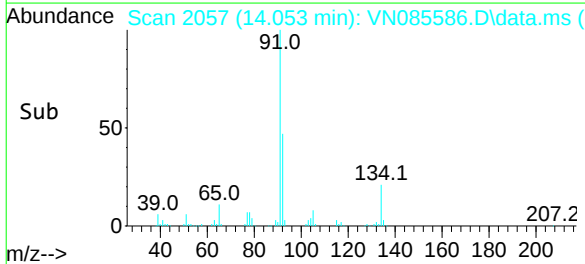
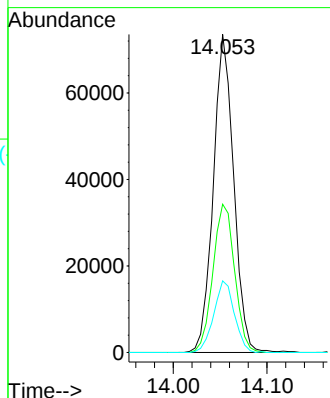
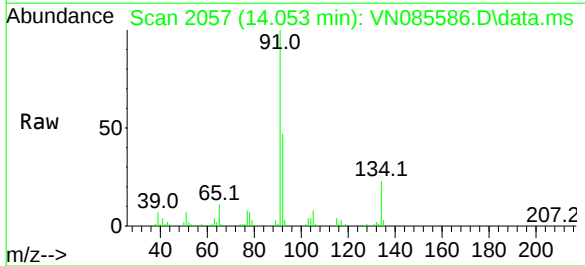
#89
n-Butylbenzene
Concen: 17.602 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.7	25.8	77.3
134	22.8	11.7	35.1

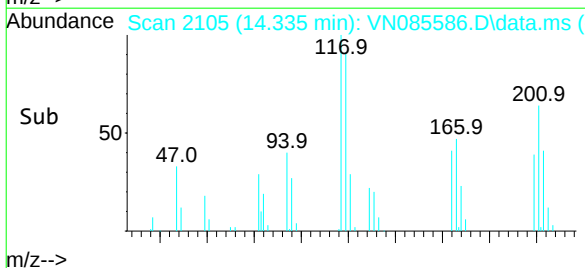
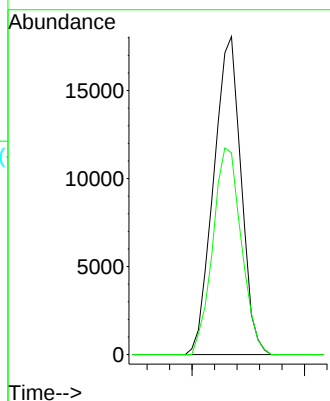
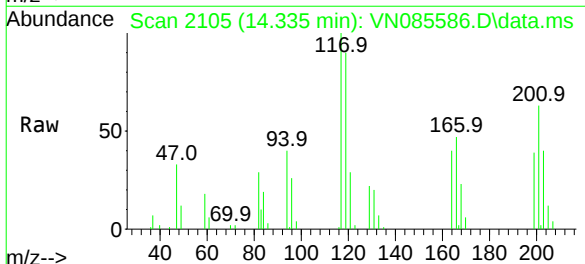
Manual Integrations
APPROVED

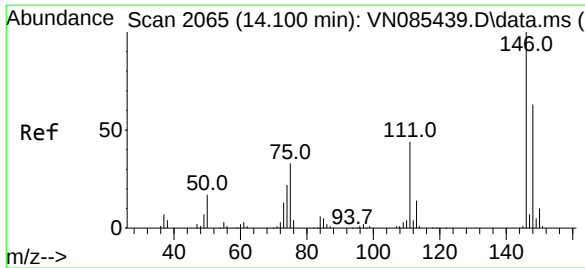
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#90
Hexachloroethane
Concen: 18.284 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

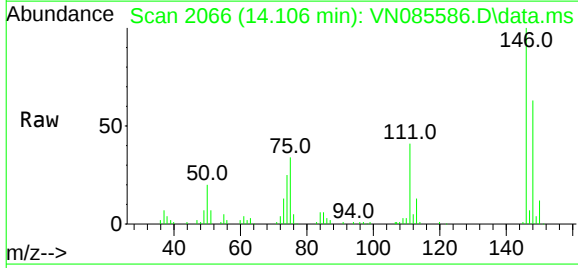
Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	33.7	101.0





#91
1,2-Dichlorobenzene
Concen: 17.864 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

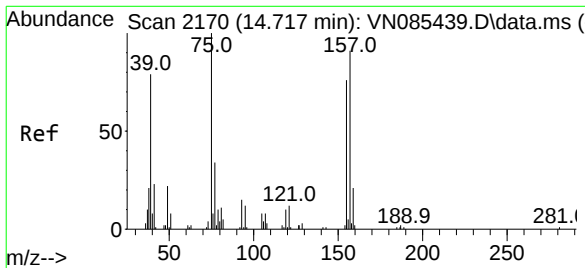
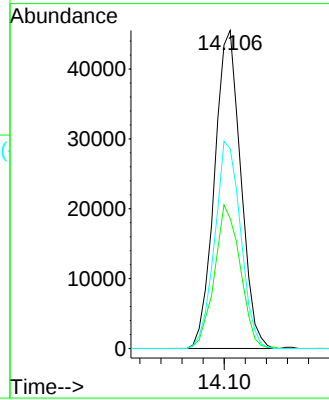
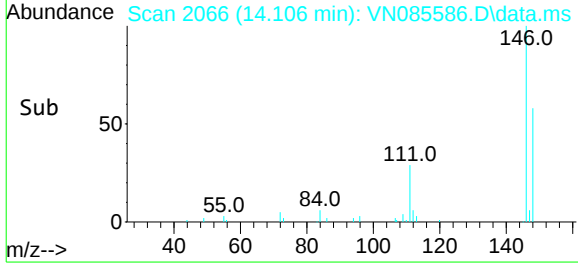
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS02



Tgt Ion:146 Resp: 78507
Ion Ratio Lower Upper
146 100
111 44.4 21.7 65.1
148 64.6 31.4 94.2

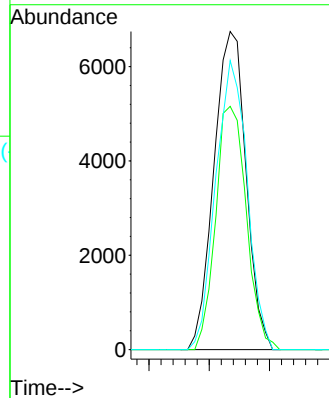
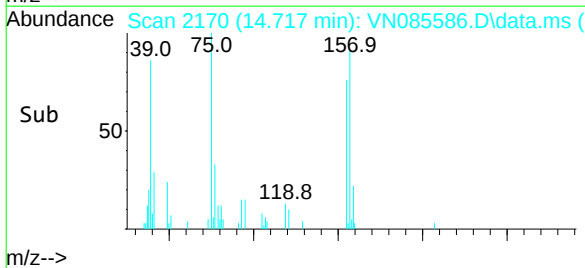
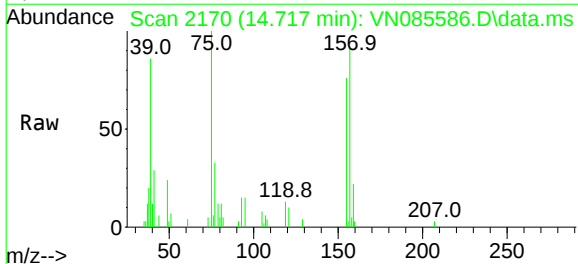
Manual Integrations
APPROVED

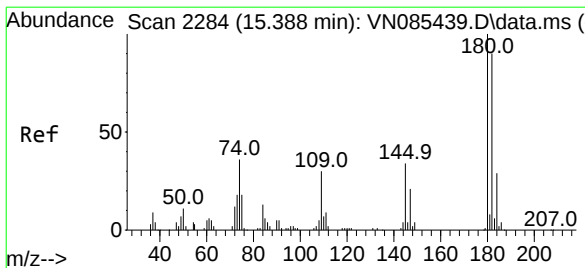
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.164 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085586.D
Acq: 30 Jan 2025 17:54

Tgt Ion: 75 Resp: 12501
Ion Ratio Lower Upper
75 100
155 73.1 36.4 109.2
157 88.8 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 17.534 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

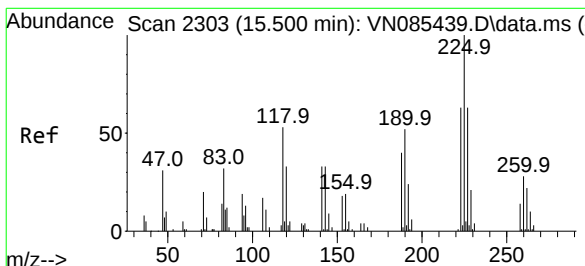
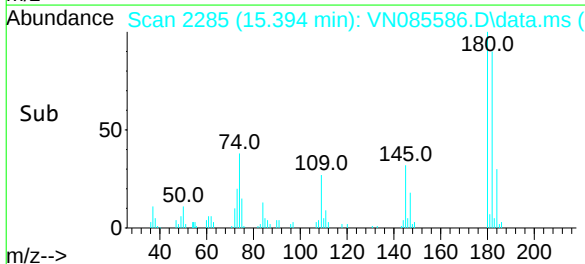
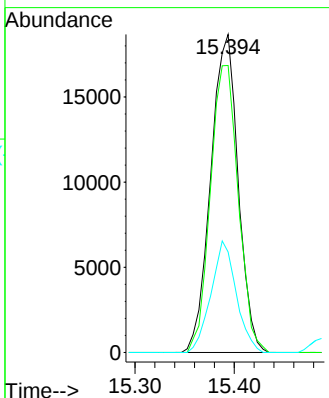
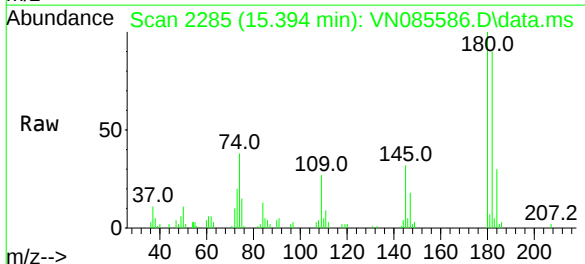
Tgt Ion:	180	Resp:	35815
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.8	140.3
145	32.4	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#94

Hexachlorobutadiene

Concen: 16.307 ug/l

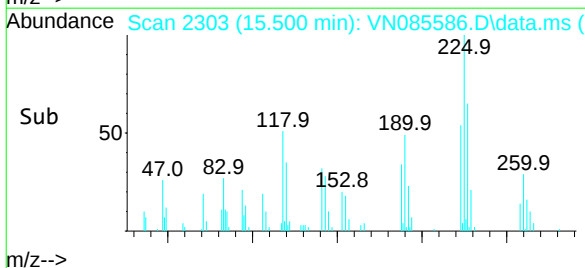
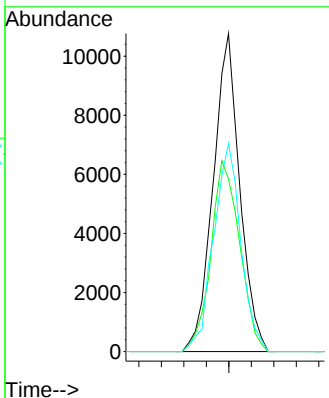
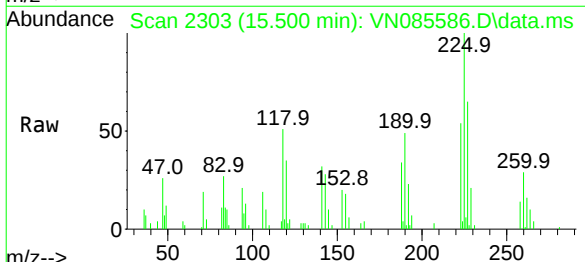
RT: 15.500 min Scan# 2303

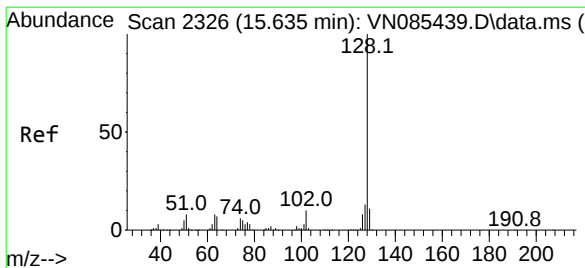
Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Tgt Ion:	225	Resp:	17684
Ion Ratio	Lower	Upper	
225	100		
223	64.9	30.7	92.1
227	67.2	30.9	92.5





#95

Naphthalene

Concen: 16.825 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS02

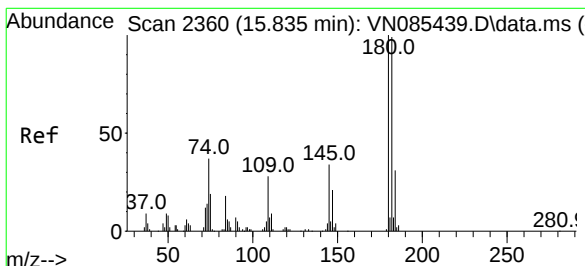
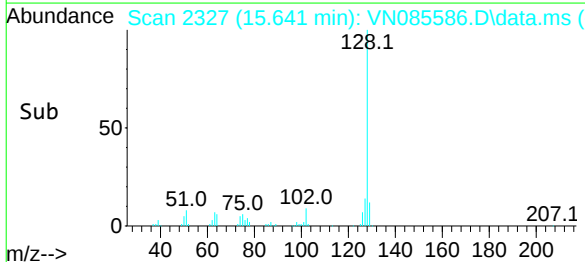
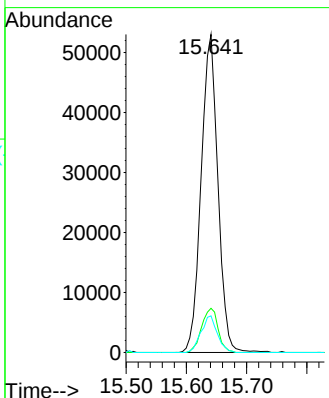
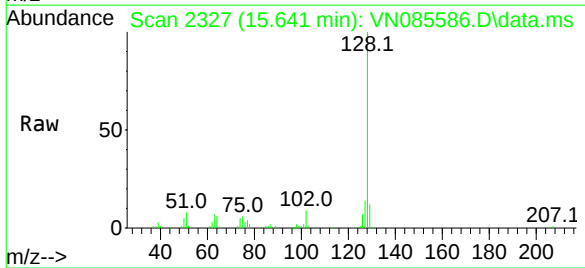
Tgt Ion:	128	Resp:	102549
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	16.0
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.631 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085586.D

Acq: 30 Jan 2025 17:54

Tgt Ion:	180	Resp:	36439
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.4	142.2
145	34.0	16.9	50.7

