

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085119.D
 Acq On : 06 Dec 2024 10:49
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Dec 06 22:29:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:19:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	32631	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	169083	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	158595	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	73850	28.523	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.067%		
60) 4-Bromofluorobenzene	12.847	95	79229	30.193	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.633%		
63) Toluene-d8	10.565	98	220709	29.668	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126923	48.618	ug/l	95
3) Chloromethane	2.359	50	109481	47.379	ug/l	97
4) Vinyl Chloride	2.512	62	110184	46.620	ug/l	95
5) Bromomethane	2.959	94	68578	45.702	ug/l	97
6) Chloroethane	3.124	64	68457	47.145	ug/l	96
7) Trichlorofluoromethane	3.500	101	180635	46.691	ug/l	99
8) Diethyl Ether	3.959	74	59301	48.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	103346	47.768	ug/l	97
10) 1,1-Dichloroethene	4.341	96	94788	47.699	ug/l	96
11) Methyl Iodide	4.589	142	133247	48.346	ug/l	97
12) Methyl Acetate	5.018	43	110575	47.166	ug/l	99
13) Acrolein	4.171	56	81406	238.946	ug/l	93
14) Acrylonitrile	5.712	53	233375	239.739	ug/l	97
15) Acetone	4.418	58	63386	240.283	ug/l	89
16) Carbon Disulfide	4.712	76	275285	46.345	ug/l	100
17) Allyl chloride	5.024	41	137437	48.333	ug/l	92
18) Methylene Chloride	5.277	84	104822	46.488	ug/l	98
19) trans-1,2-Dichloroethene	5.788	96	96901	46.913	ug/l	90
20) Diisopropyl ether	6.671	45	301677	48.342	ug/l	99
21) 1,1-Dichloroethane	6.565	63	177808	46.165	ug/l	99
22) cis-1,2-Dichloroethene	7.482	96	113782	47.926	ug/l	98
23) tert-Butyl Alcohol	5.512	59	80412	230.265	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	300411	48.425	ug/l #	77
25) Chloroform	7.965	83	190773	47.279	ug/l	98
26) Cyclohexane	8.253	56	158534	49.989	ug/l	98
29) 1,1-Dichloropropene	8.371	75	131946	48.360	ug/l	99
30) 2-Butanone	7.477	43	307572	245.653	ug/l	99
31) 2,2-Dichloropropane	7.488	77	169610	48.478	ug/l #	100
32) 1,1,1-Trichloroethane	8.165	97	174371	47.217	ug/l	98
33) Carbon Tetrachloride	8.359	117	159586	47.889	ug/l	97
34) Benzene	8.606	78	410169	47.855	ug/l	98
35) Methacrylonitrile	7.777	41	72876	51.722	ug/l	91
36) 1,2-Dichloroethane	8.671	62	138391	47.430	ug/l	100
37) Trichloroethene	9.353	130	96801	47.426	ug/l	96
38) Methylcyclohexane	9.600	83	148222	49.963	ug/l	95
39) 1,2-Dichloropropane	9.618	63	98790	47.586	ug/l	96
40) Dibromomethane	9.706	93	71433	47.969	ug/l	99
41) Bromodichloromethane	9.882	83	152481	47.898	ug/l	96
42) Vinyl Acetate	6.600	43	1122209	256.138	ug/l	100

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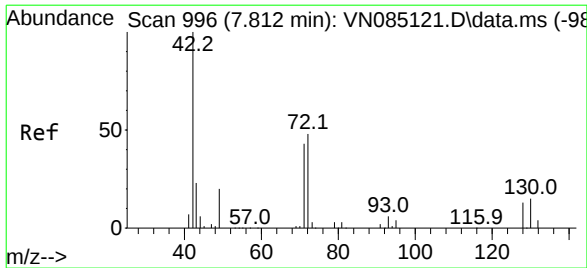
Quant Time: Dec 06 22:29:45 2024
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Manual Integrations
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Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	124173	49.844	ug/l	# 92
44) Isopropyl Acetate	8.682	43	211189	48.782	ug/l	99
45) 1,4-Dioxane	9.694	88	35720	989.420	ug/l	95
46) Methyl methacrylate	9.676	41	97397	49.158	ug/l	94
47) n-amyl Acetate	12.488	43	184994	50.788	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	152504	48.801	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	164287	48.292	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	94692	47.189	ug/l	98
51) Ethyl methacrylate	10.870	69	152776	50.057	ug/l	97
52) 1,3-Dichloropropane	11.159	76	164130	48.874	ug/l	99
53) Dibromochloromethane	11.359	129	116277	47.550	ug/l	97
54) 1,2-Dibromoethane	11.465	107	98049	48.496	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	363042	256.062	ug/l	100
56) Bromoform	12.576	173	79589	48.542	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	638976	246.869	ug/l	98
59) 2-Hexanone	11.194	43	490910	250.312	ug/l	98
61) Tetrachloroethene	11.100	164	90418	47.078	ug/l	96
62) Toluene	10.629	91	444180	48.023	ug/l	99
64) Chlorobenzene	11.888	112	274152	48.008	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	101559	47.641	ug/l	95
66) Ethyl Benzene	11.959	91	487612	49.682	ug/l	96
67) m/p-Xylenes	12.070	106	373298	98.889	ug/l	95
68) o-Xylene	12.394	106	179899	50.744	ug/l	97
69) Styrene	12.406	104	307715	51.151	ug/l	98
70) Isopropylbenzene	12.694	105	461786	50.502	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	132922	47.759	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	125007m	45.469	ug/l	
73) Bromobenzene	12.976	156	111567	48.711	ug/l	99
74) n-propylbenzene	13.035	91	550361	50.065	ug/l	99
75) 2-Chlorotoluene	13.123	91	334590	49.227	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	393277	50.202	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	48505	48.553	ug/l	97
78) 4-Chlorotoluene	13.217	91	336818	48.823	ug/l	98
79) tert-butylbenzene	13.435	119	324073	50.365	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	396249	51.207	ug/l	100
81) sec-Butylbenzene	13.611	105	456540	49.942	ug/l	99
82) p-Isopropyltoluene	13.729	119	386040	50.937	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	204168	48.588	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	200637	48.993	ug/l	99
85) n-Butylbenzene	14.053	91	325144	51.146	ug/l	99
86) Hexachloroethane	14.329	117	71737	47.548	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	193910	48.889	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	26674	47.975	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	96150	49.499	ug/l	98
90) Hexachlorobutadiene	15.500	225	45780	45.354	ug/l	97
91) Naphthalene	15.641	128	310785	51.498	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	96150	49.499	ug/l	98

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



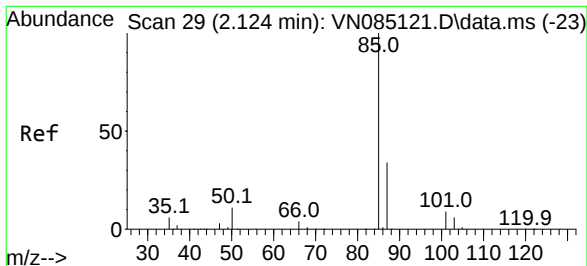
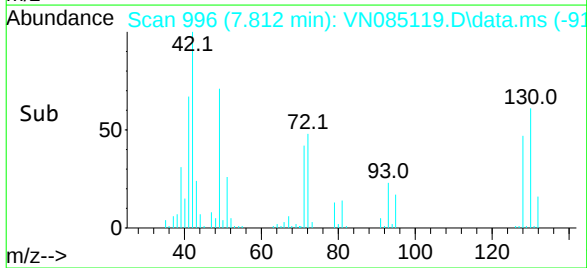
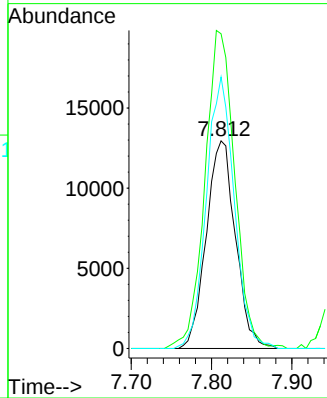
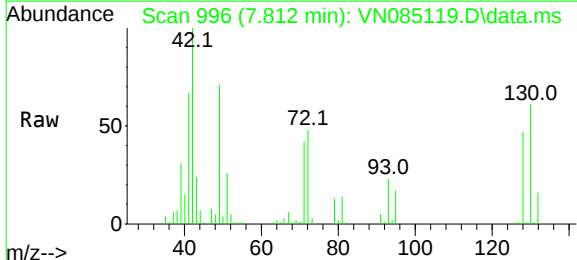
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 128 Resp: 32631
Ion Ratio Lower Upper
128 100
49 155.7 0.0 394.5
130 125.6 0.0 316.5

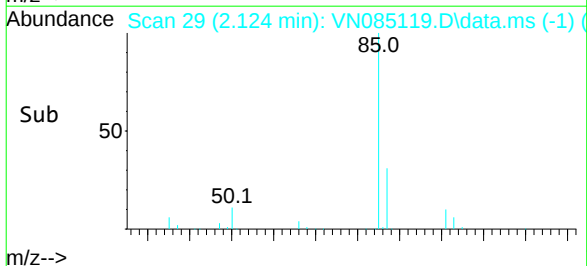
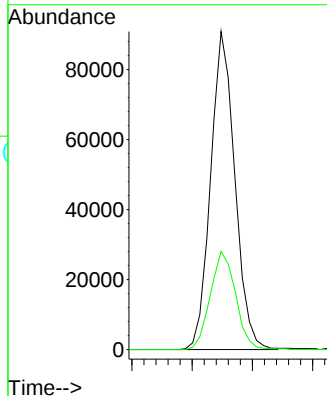
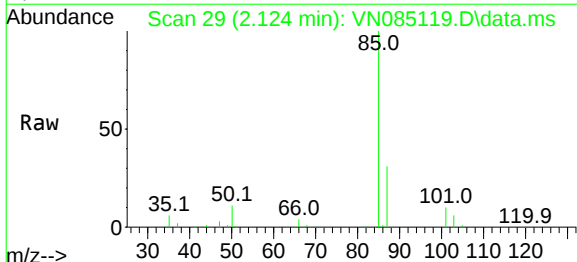
Manual Integrations
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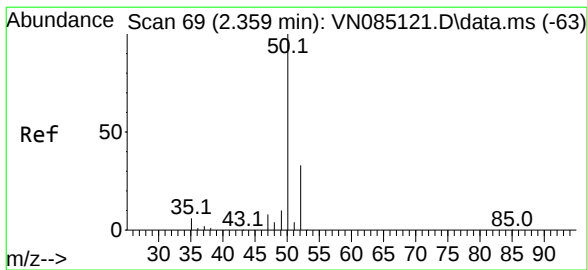
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#2
Dichlorodifluoromethane
Concen: 48.618 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 85 Resp: 126923
Ion Ratio Lower Upper
85 100
87 30.9 16.8 50.3





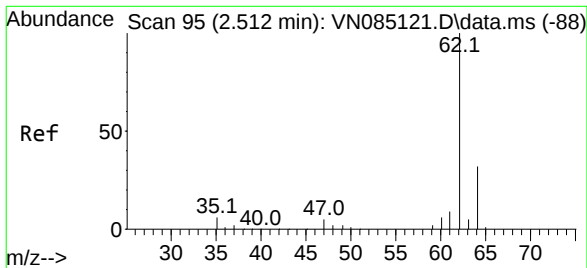
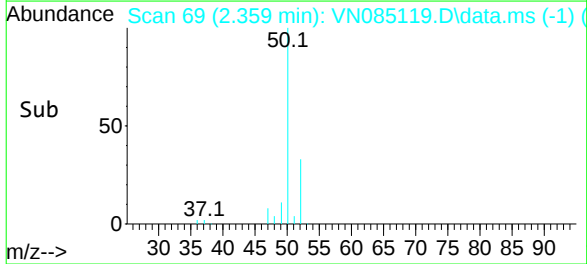
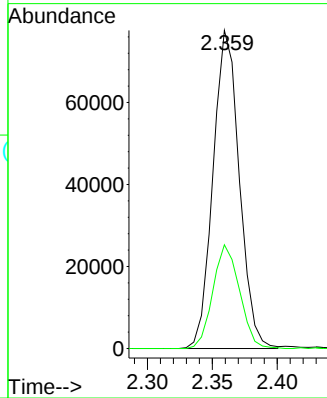
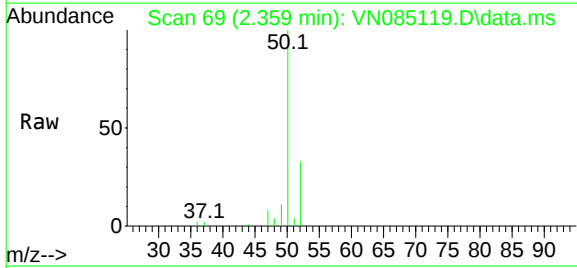
#3
Chloromethane
Concen: 47.379 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 109481
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4

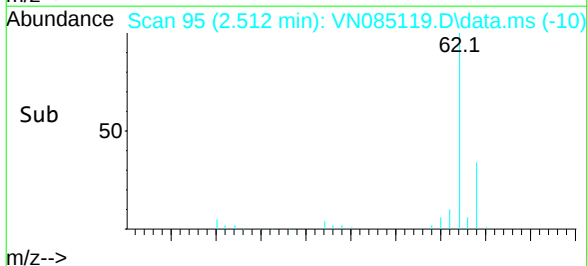
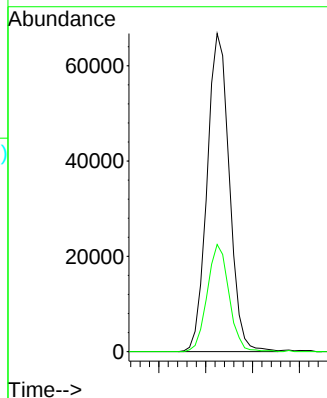
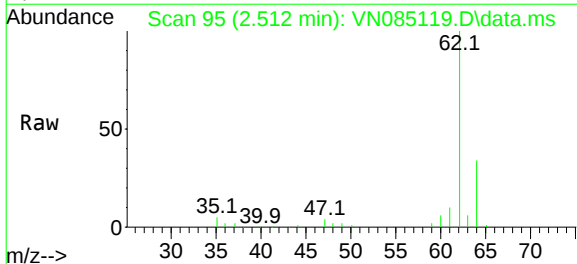
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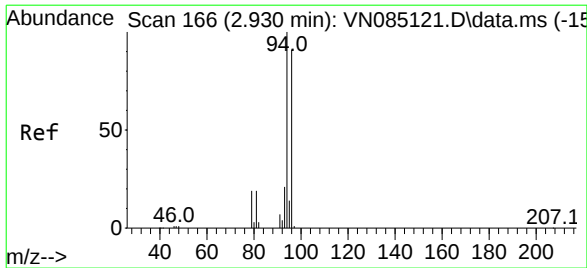
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#4
Vinyl Chloride
Concen: 46.620 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 62 Resp: 110184
Ion Ratio Lower Upper
62 100
64 33.7 24.9 37.3





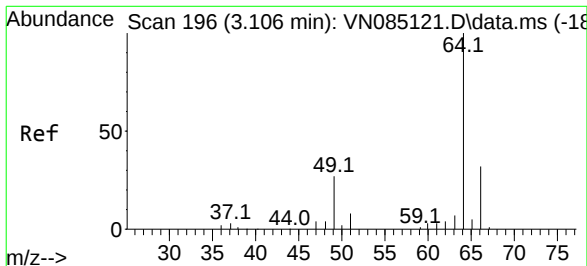
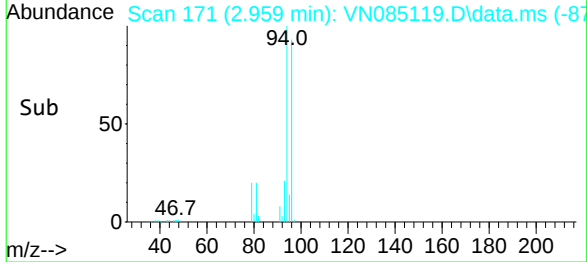
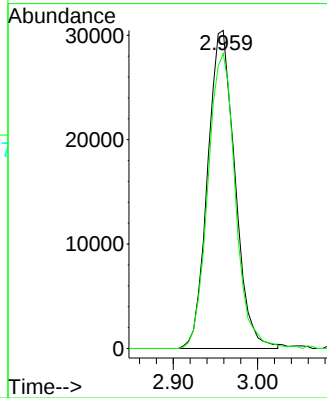
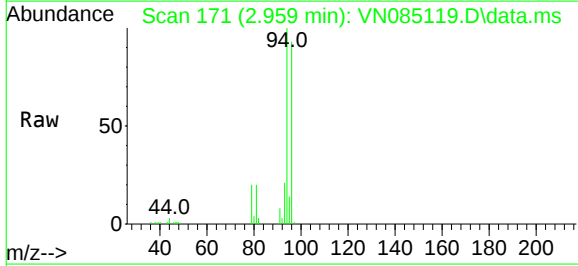
#5
Bromomethane
Concen: 45.702 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 94 Resp: 68578
Ion Ratio Lower Upper
94 100
96 92.8 76.2 114.4

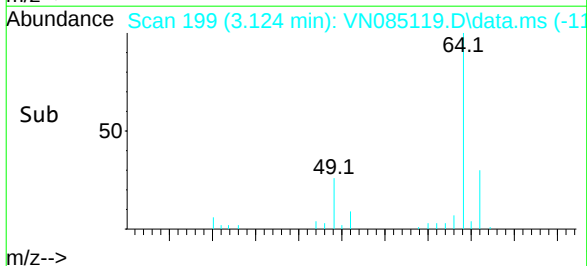
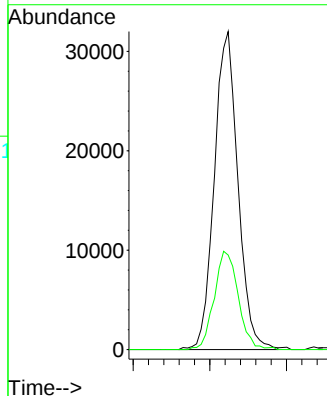
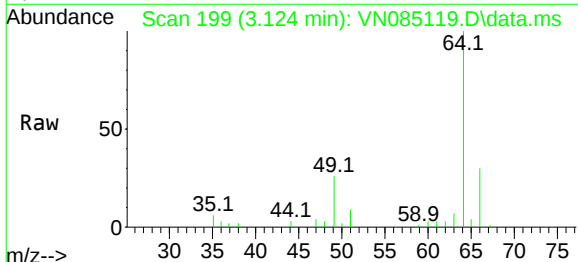
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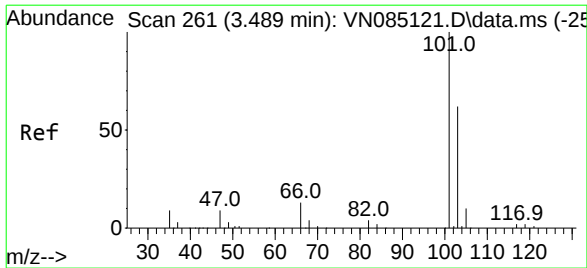
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#6
Chloroethane
Concen: 47.145 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

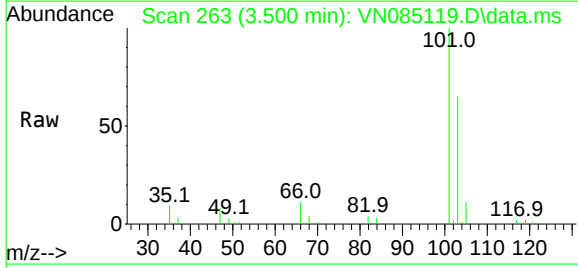
Tgt Ion: 64 Resp: 68457
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 46.691 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VN085119.D
 Acq: 06 Dec 2024 10:49

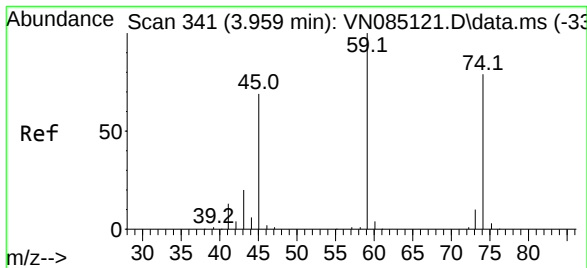
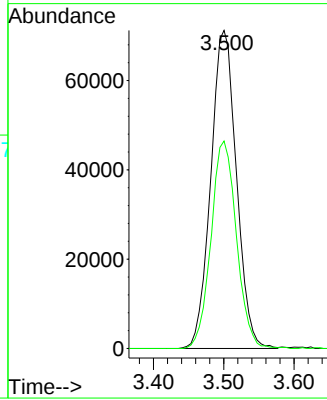
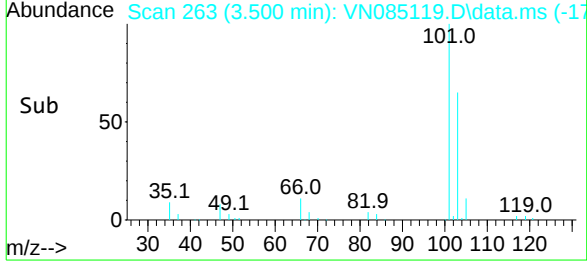
Instrument :
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 VSTDIC050



Tgt Ion: 101 Resp: 180635
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.3 76.9

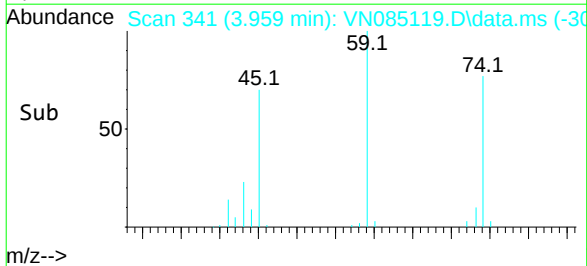
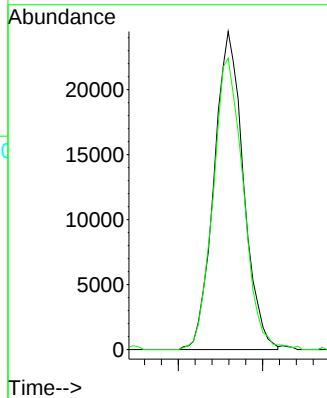
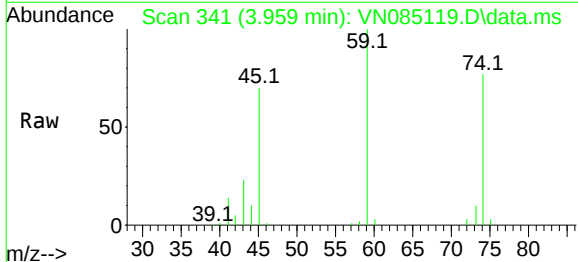
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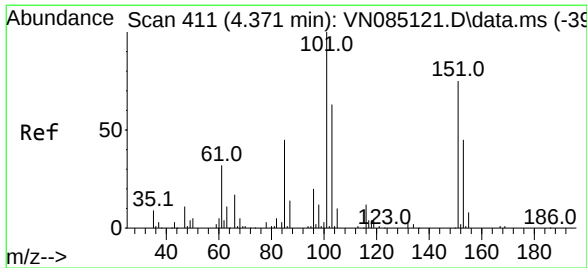
Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024



#8
 Diethyl Ether
 Concen: 48.393 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085119.D
 Acq: 06 Dec 2024 10:49

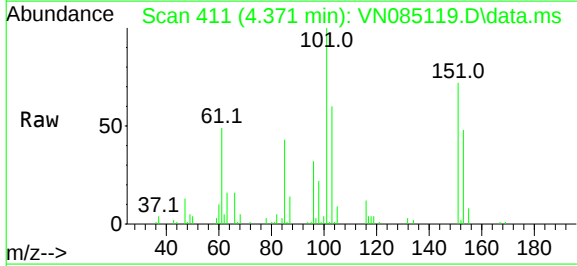
Tgt Ion: 74 Resp: 59301
 Ion Ratio Lower Upper
 74 100
 45 93.5 18.6 167.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.768 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085119.D
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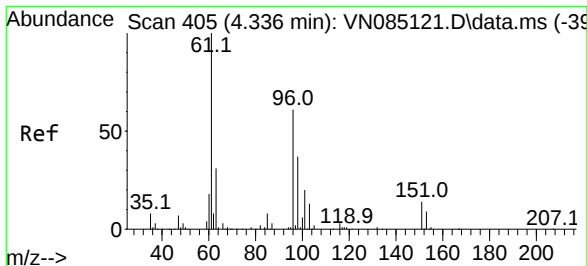
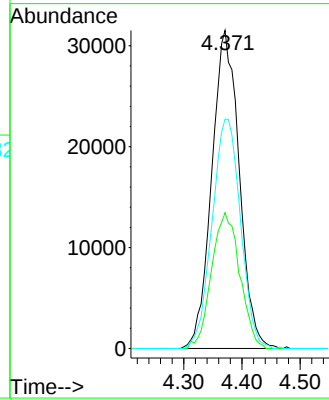
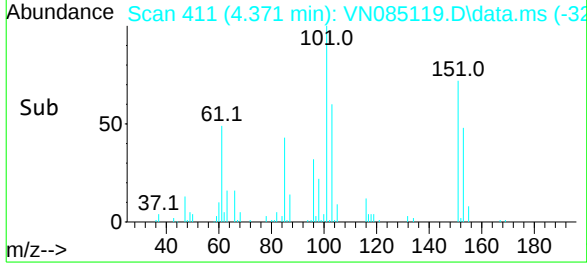
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 101 Resp: 103346
Ion Ratio Lower Upper
101 100
85 43.9 0.0 88.6
151 74.8 0.0 155.8

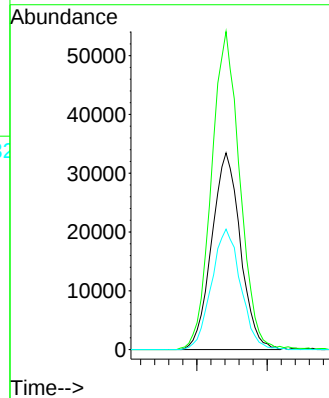
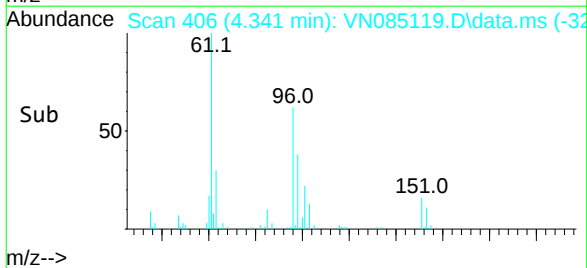
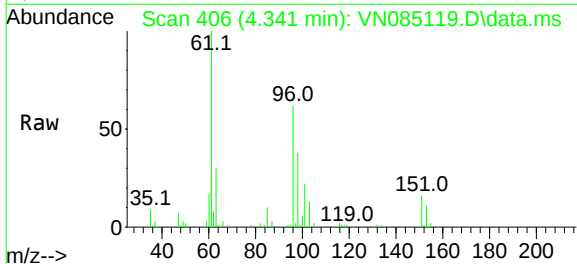
Manual Integrations
APPROVED

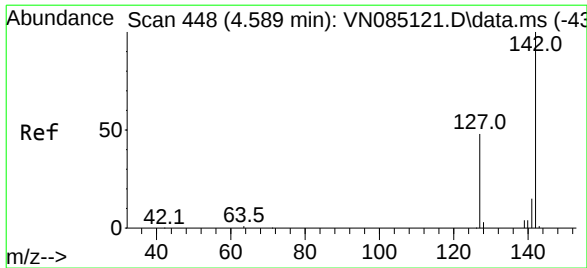
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#10
1,1-Dichloroethene
Concen: 47.699 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

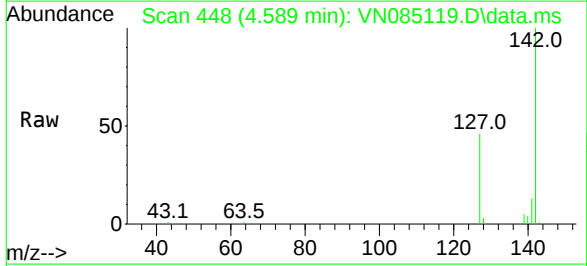
Tgt Ion: 96 Resp: 94788
Ion Ratio Lower Upper
96 100
61 160.9 123.0 184.4
98 61.2 49.1 73.7





#11
Methyl Iodide
Concen: 48.346 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

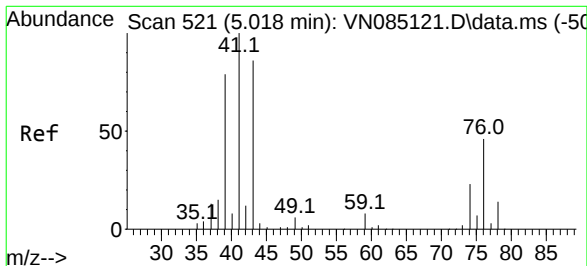
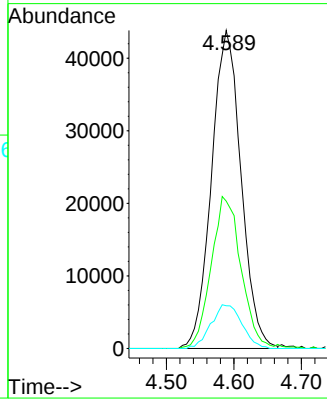
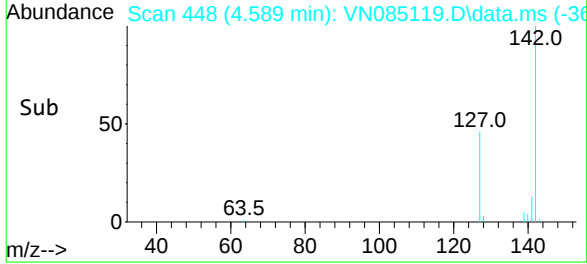
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



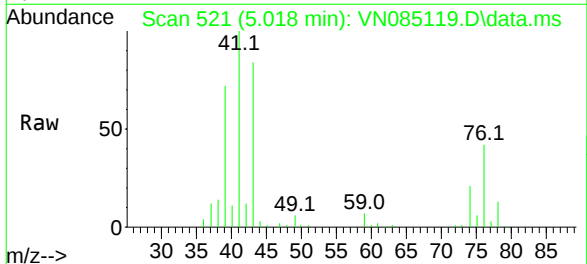
Tgt Ion: 142 Resp: 133247
Ion Ratio Lower Upper
142 100
127 45.9 22.5 67.5
141 13.5 8.3 24.9

Manual Integrations
APPROVED

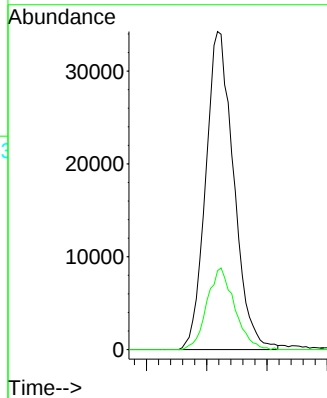
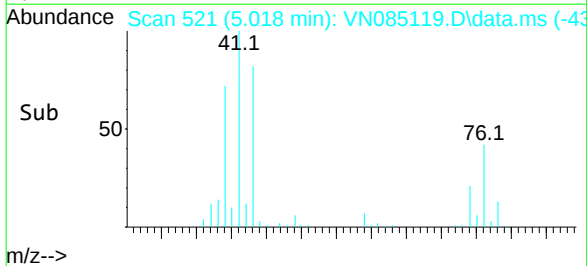
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

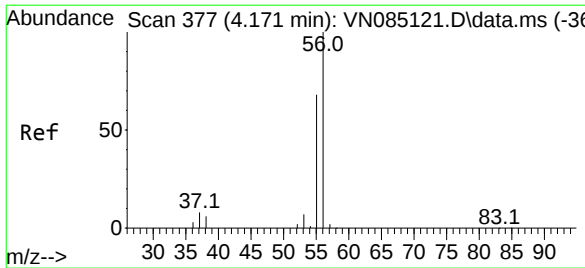


#12
Methyl Acetate
Concen: 47.166 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49



Tgt Ion: 43 Resp: 110575
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





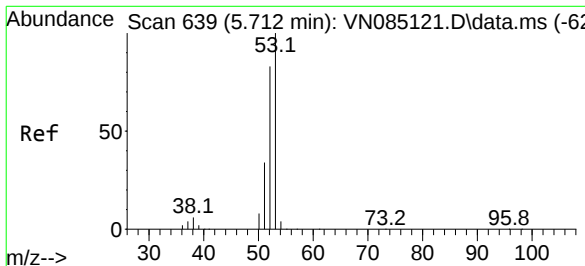
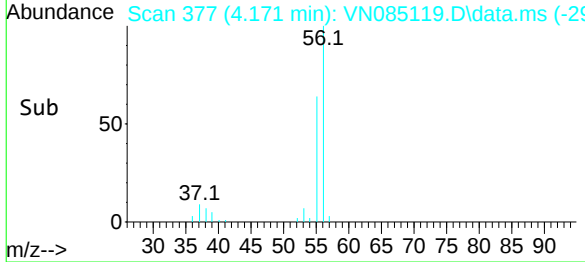
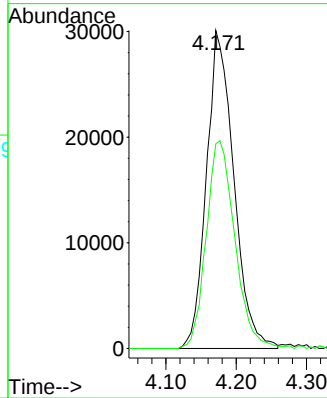
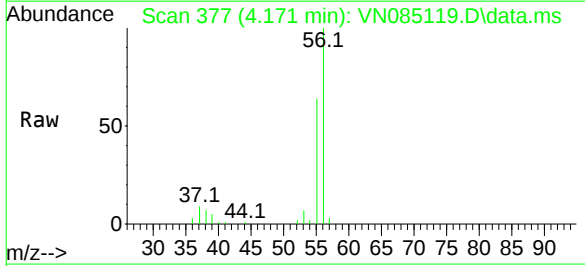
#13
Acrolein
Concen: 238.946 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 56 Resp: 81406
Ion Ratio Lower Upper
56 100
55 68.3 59.4 89.0

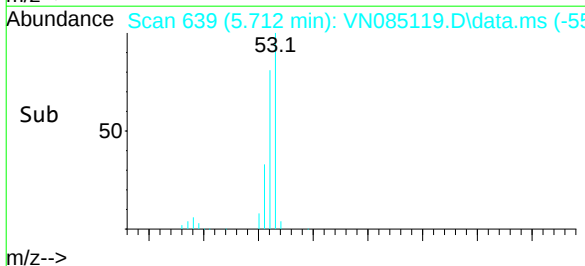
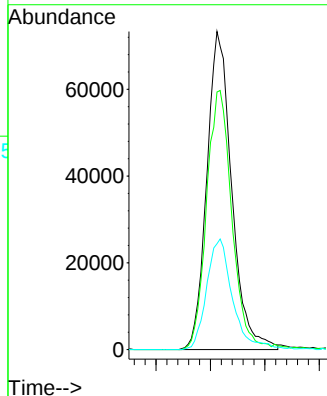
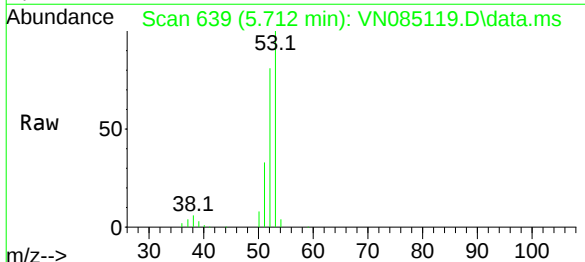
Manual Integrations
APPROVED

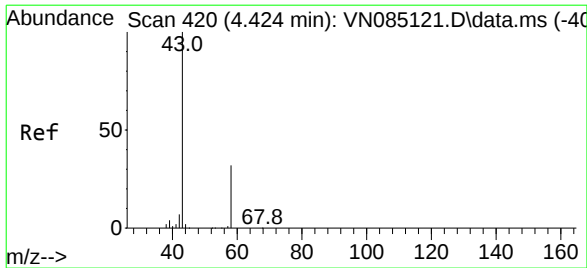
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#14
Acrylonitrile
Concen: 239.739 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 53 Resp: 233375
Ion Ratio Lower Upper
53 100
52 82.5 42.9 128.5
51 36.1 17.2 51.5





#15

Acetone

Concen: 240.283 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 63386

Ion Ratio Lower Upper

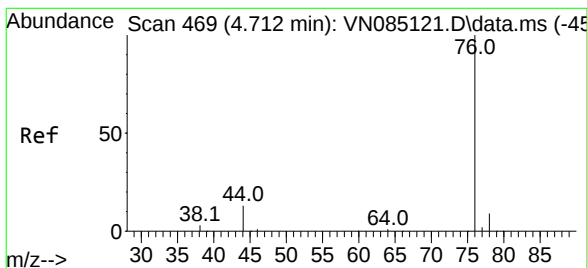
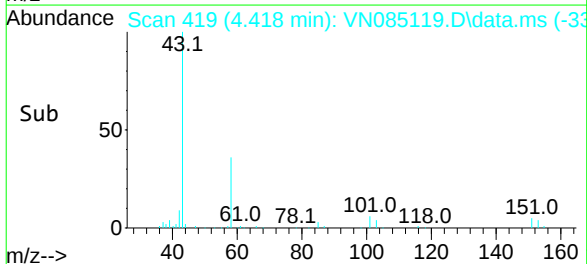
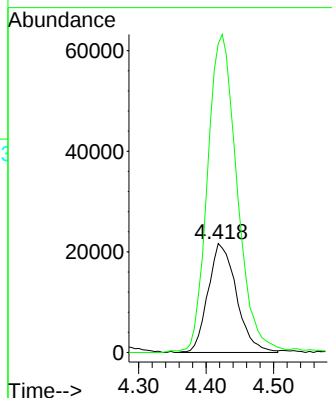
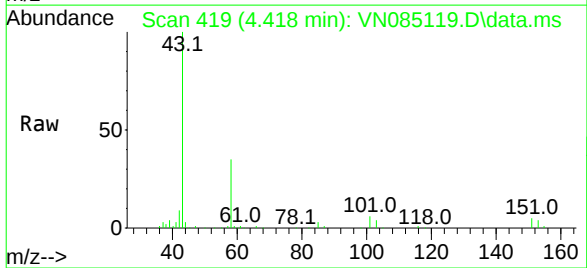
58 100

43 281.8 242.3 363.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#16

Carbon Disulfide

Concen: 46.345 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN085119.D

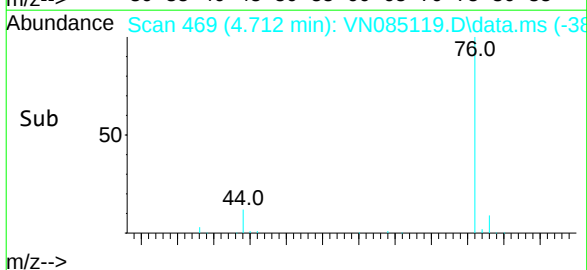
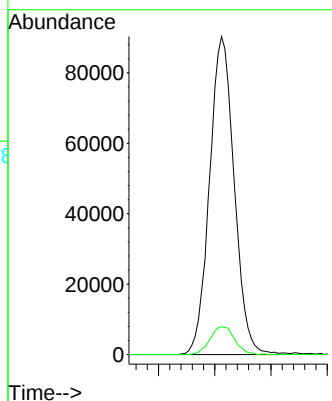
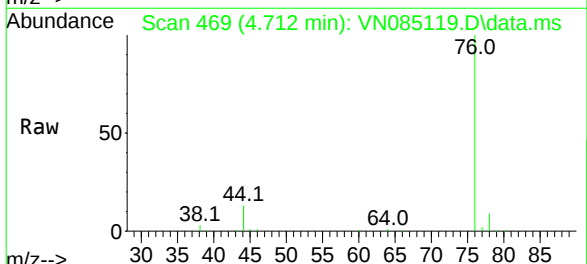
Acq: 06 Dec 2024 10:49

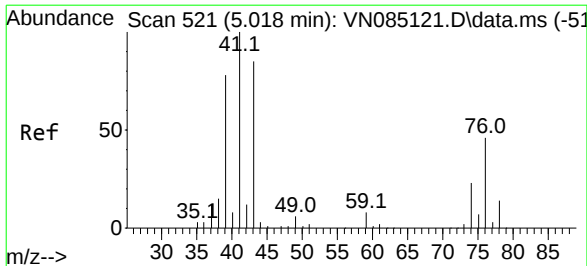
Tgt Ion: 76 Resp: 275285

Ion Ratio Lower Upper

76 100

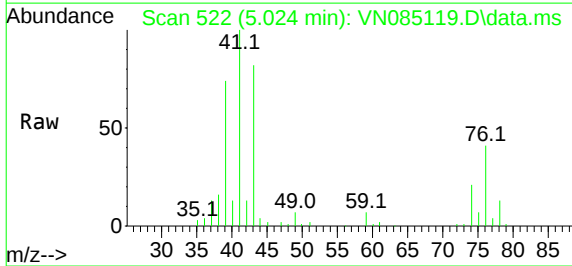
78 8.8 7.1 10.7





#17
Allyl chloride
Concen: 48.333 ug/l
RT: 5.024 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

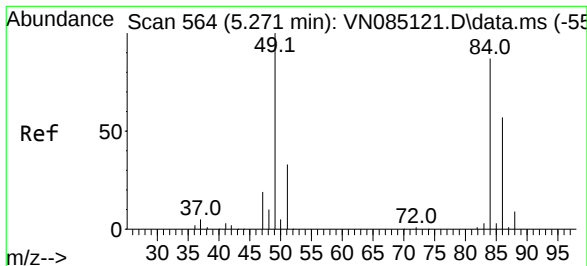
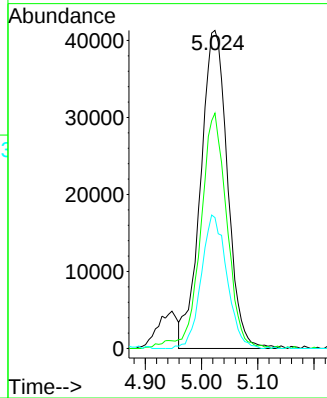
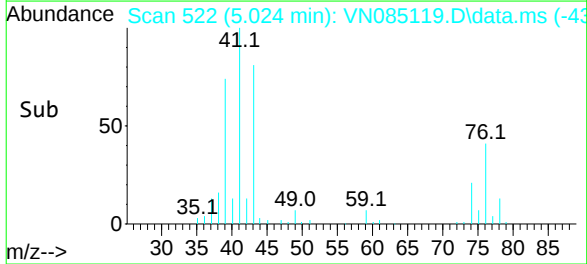
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 41 Resp: 137437
Ion Ratio Lower Upper
41 100
39 73.5 32.0 96.2
76 41.3 20.2 60.5

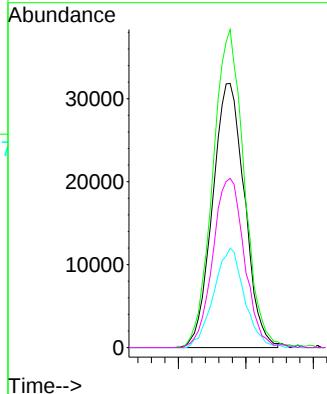
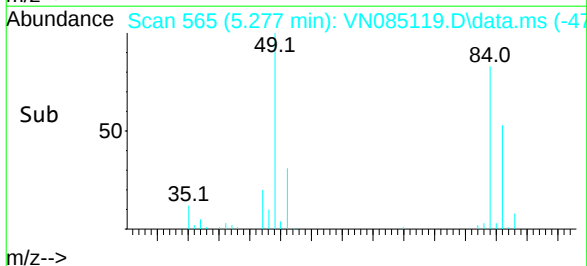
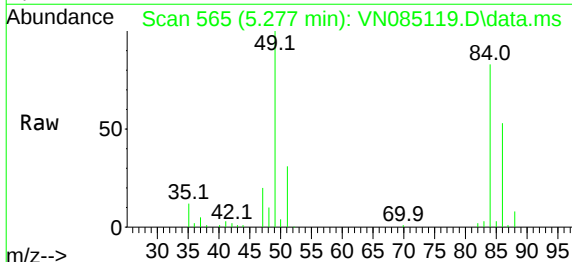
Manual Integrations
APPROVED

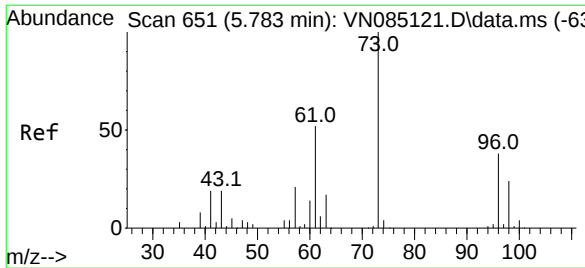
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#18
Methylene Chloride
Concen: 46.488 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

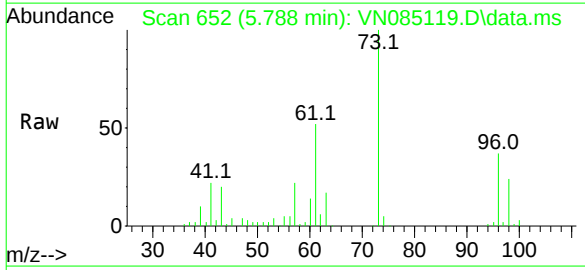
Tgt Ion: 84 Resp: 104822
Ion Ratio Lower Upper
84 100
49 119.9 95.1 142.7
51 37.7 27.4 41.0
86 64.1 50.9 76.3





#19
trans-1,2-Dichloroethene
Concen: 46.913 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

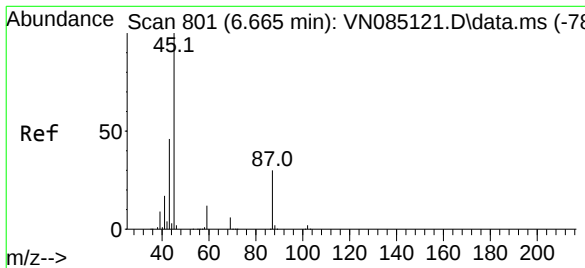
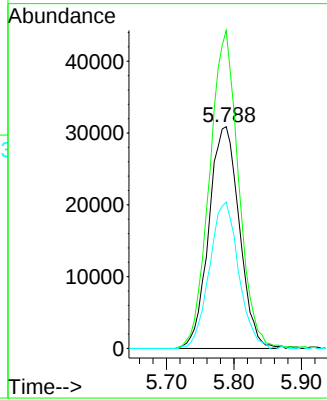
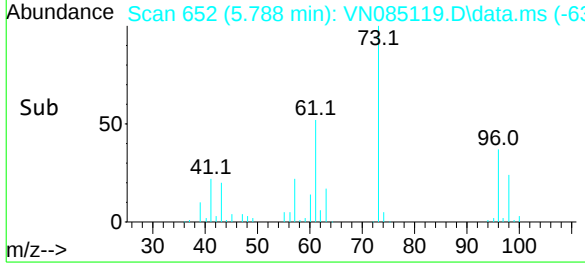
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



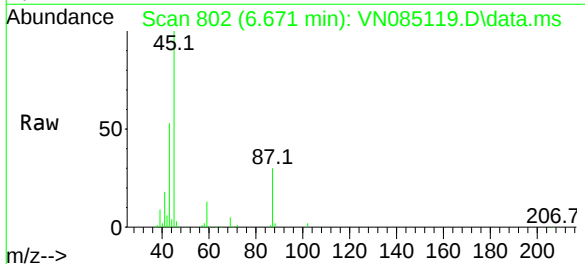
Tgt Ion: 96 Resp: 96901
Ion Ratio Lower Upper
96 100
61 142.7 100.4 150.6
98 66.0 52.6 79.0

Manual Integrations
APPROVED

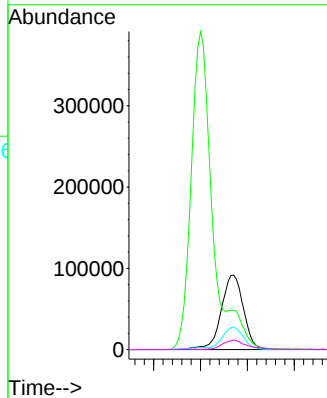
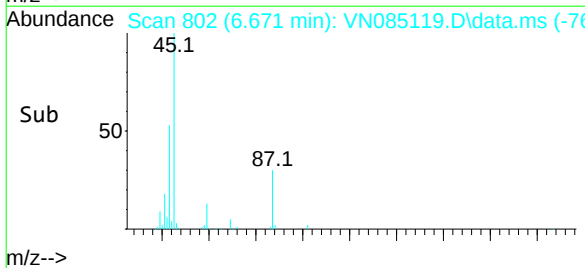
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

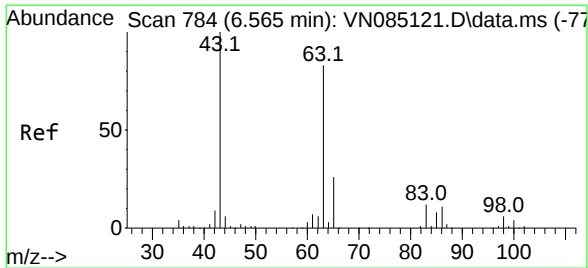


#20
Diisopropyl ether
Concen: 48.342 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49



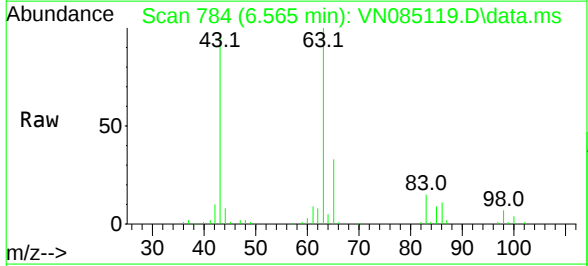
Tgt Ion: 45 Resp: 301677
Ion Ratio Lower Upper
45 100
43 51.8 41.9 62.9
87 30.1 24.1 36.1
59 12.6 10.0 15.0





#21
1,1-Dichloroethane
Concen: 46.165 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

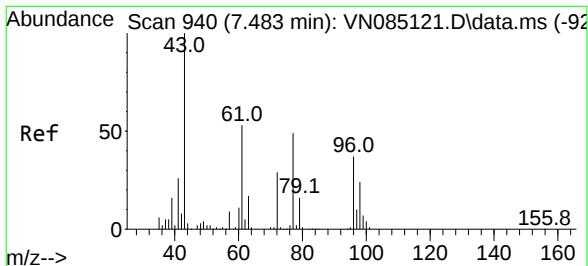
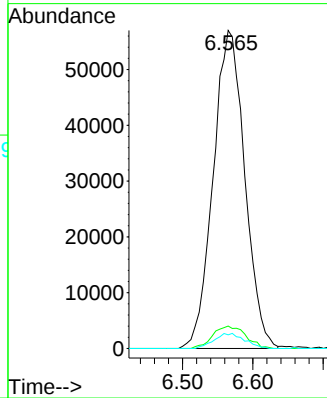
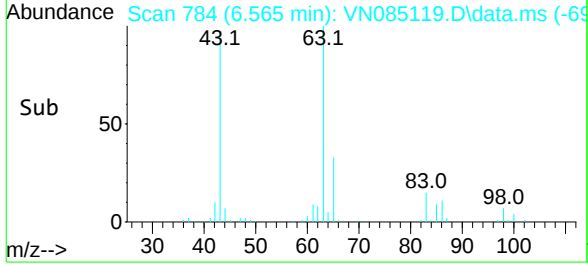
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 177808
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.4
100 4.3 1.6 4.8

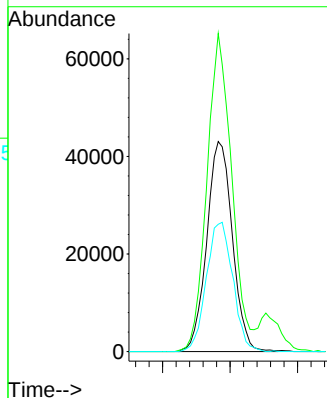
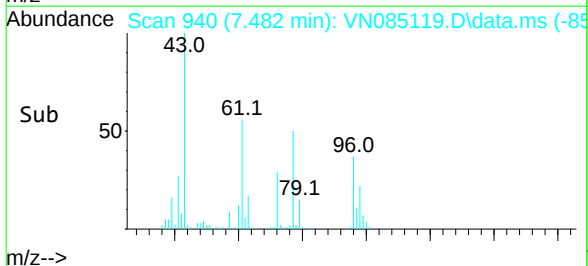
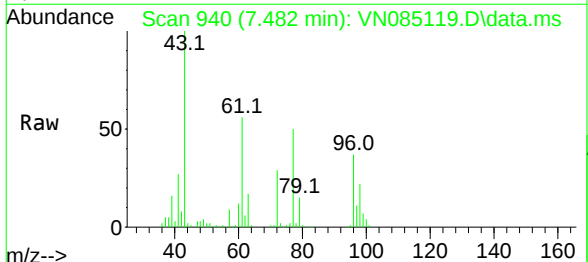
Manual Integrations
APPROVED

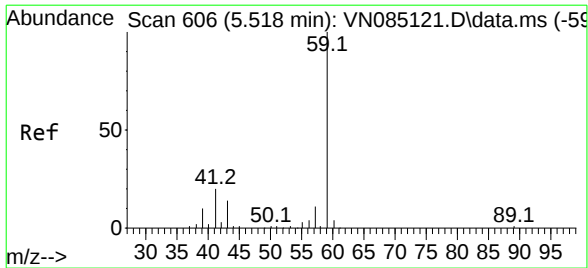
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#22
cis-1,2-Dichloroethene
Concen: 47.926 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 96 Resp: 113782
Ion Ratio Lower Upper
96 100
61 146.6 115.9 173.9
98 63.4 51.8 77.8





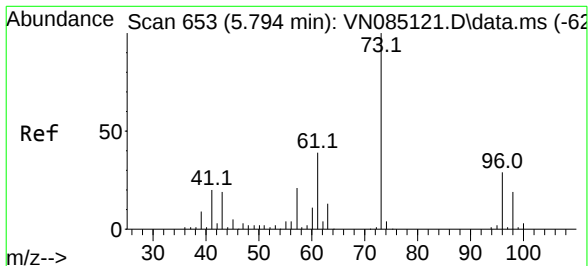
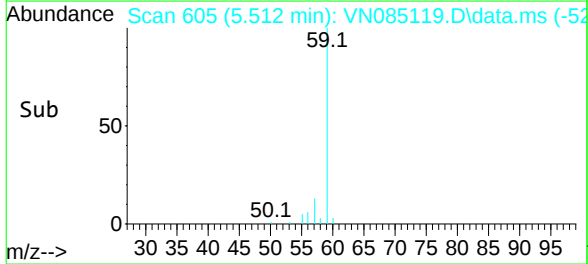
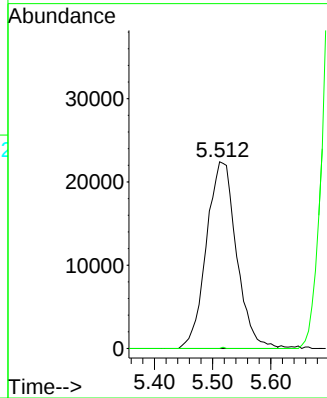
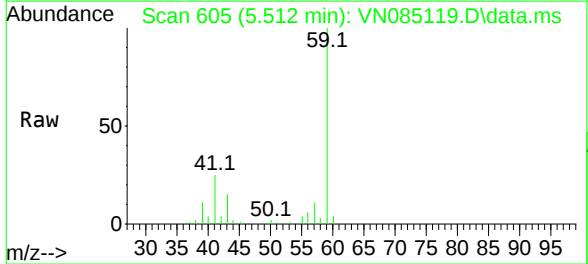
#23
tert-Butyl Alcohol
Concen: 230.265 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 59 Resp: 80412
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

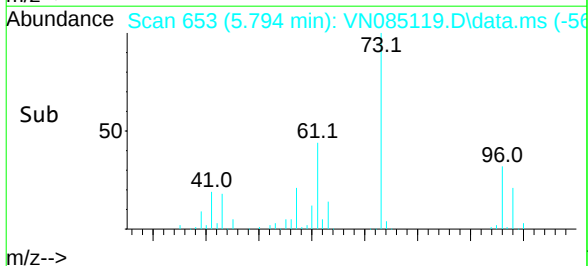
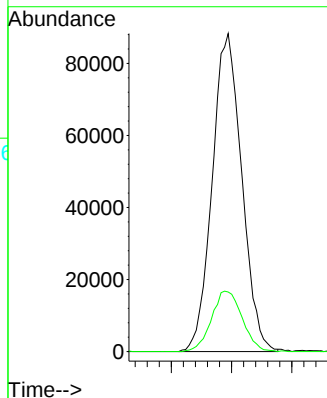
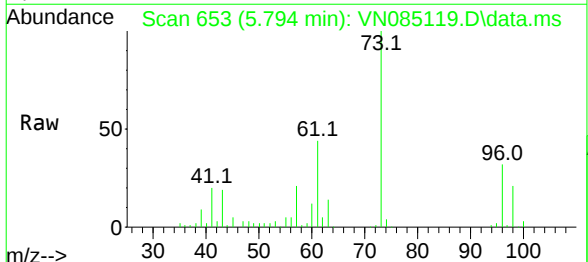
Manual Integrations
APPROVED

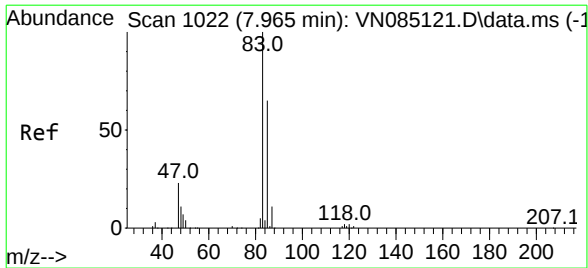
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#24
Methyl tert-Butyl Ether
Concen: 48.425 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 73 Resp: 300411
Ion Ratio Lower Upper
73 100
43 19.7 8.7 13.1#





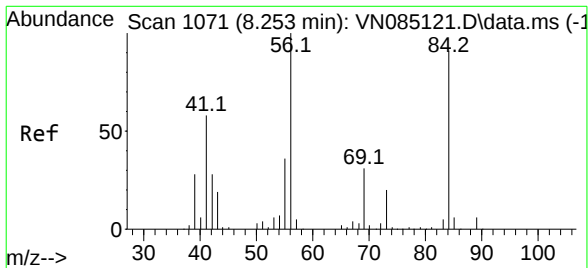
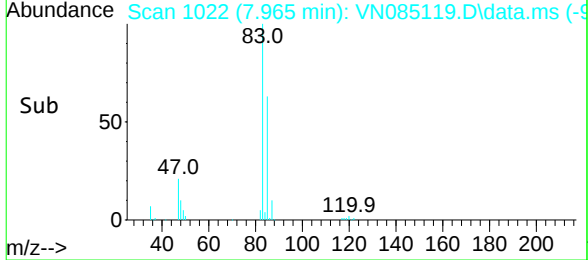
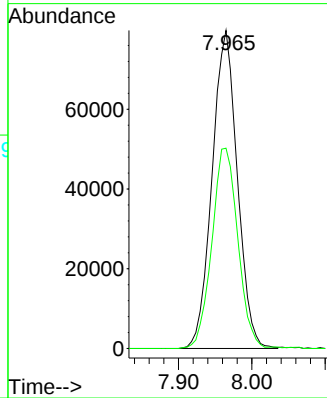
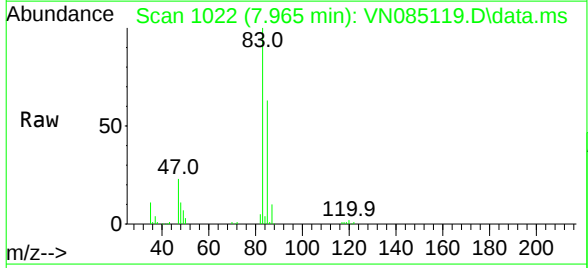
#25
Chloroform
Concen: 47.279 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 190773
Ion Ratio Lower Upper
83 100
85 63.0 49.4 74.0

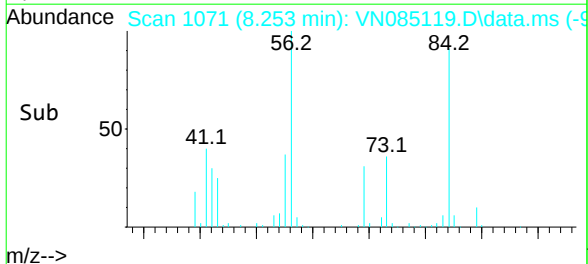
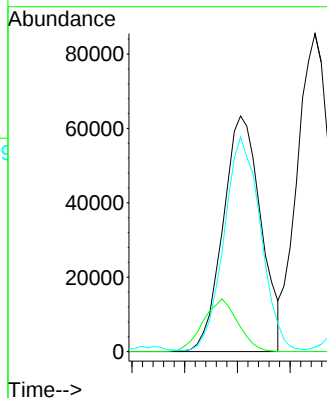
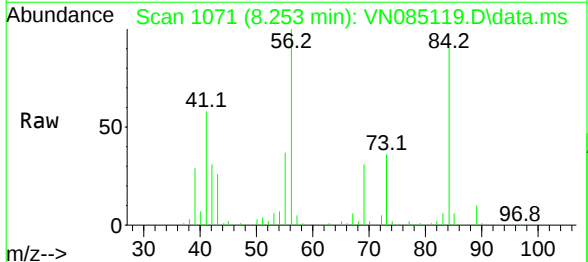
Manual Integrations
APPROVED

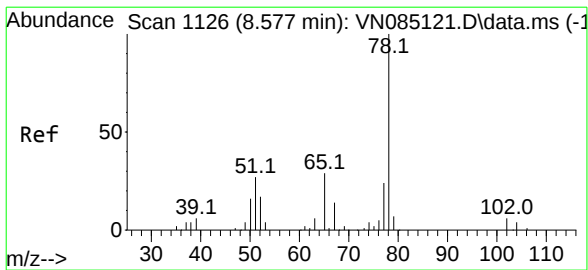
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#26
Cyclohexane
Concen: 49.989 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 56 Resp: 158534
Ion Ratio Lower Upper
56 100
89 20.5 19.5 29.3
84 88.2 70.6 105.8





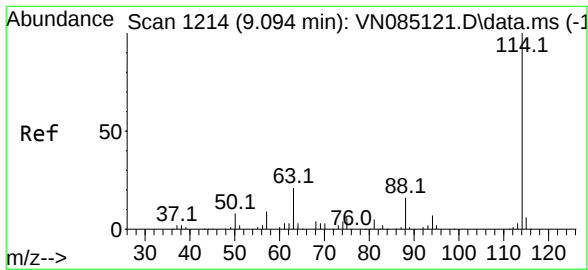
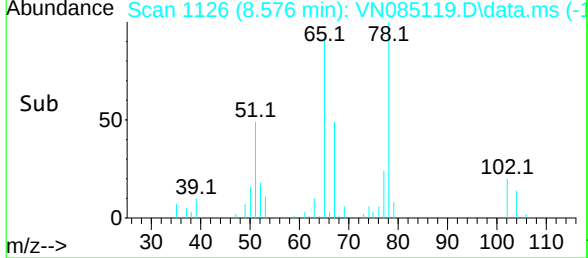
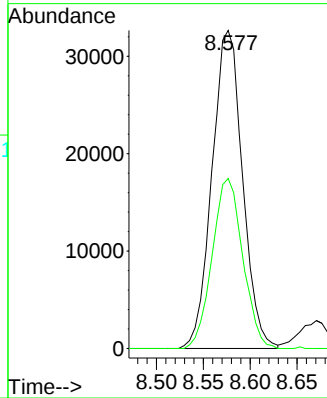
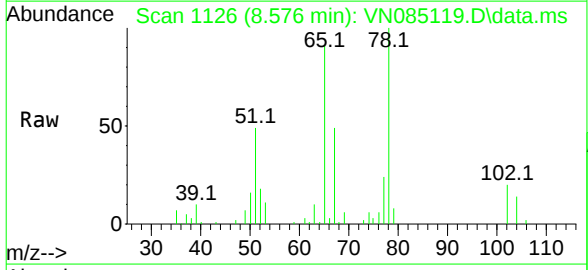
#27
1,2-Dichloroethane-d4
Concen: 28.523 ug/l
RT: 8.576 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 65 Resp: 73850
Ion Ratio Lower Upper
65 100
67 53.5 39.9 59.9

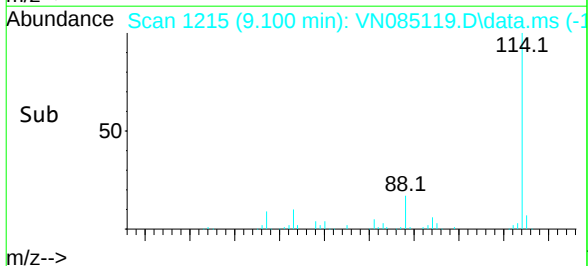
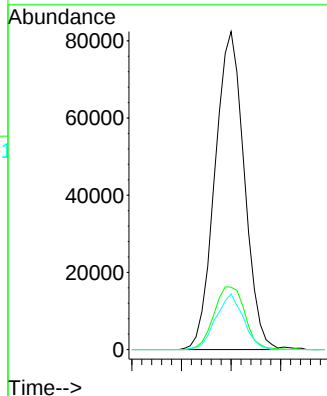
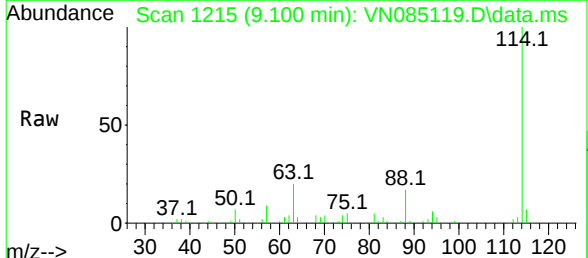
Manual Integrations
APPROVED

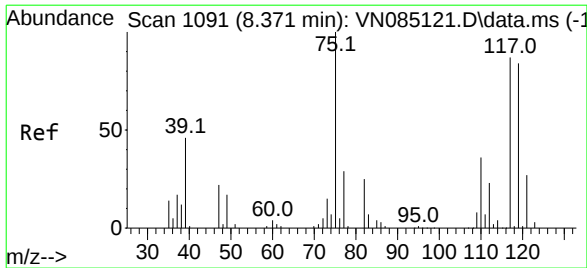
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

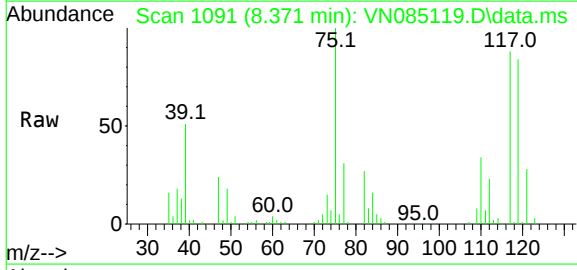
Tgt Ion:114 Resp: 169083
Ion Ratio Lower Upper
114 100
63 20.9 16.2 24.2
88 16.4 12.5 18.7





#29
1,1-Dichloropropene
Concen: 48.360 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

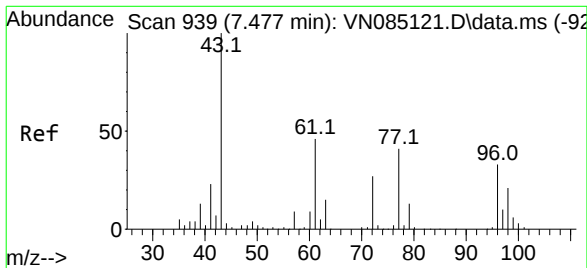
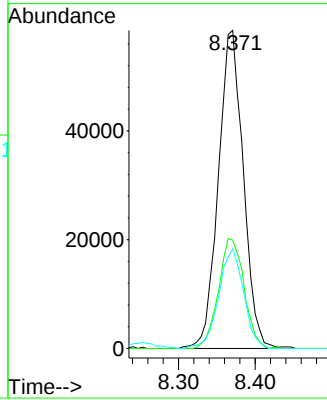
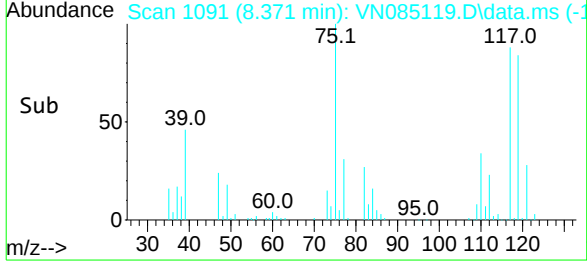
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 131946
Ion Ratio Lower Upper
75 100
110 35.3 0.0 71.6
77 31.4 0.0 62.2

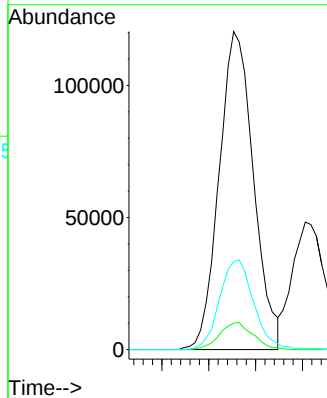
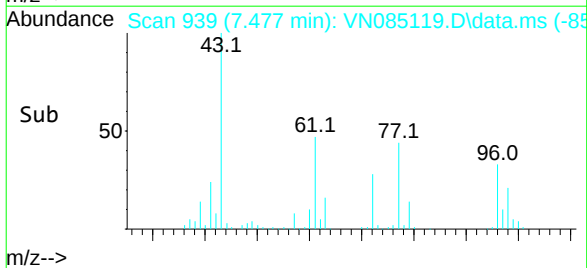
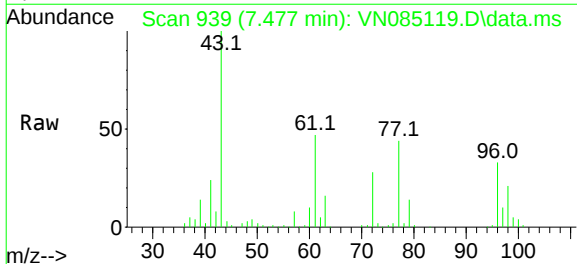
Manual Integrations
APPROVED

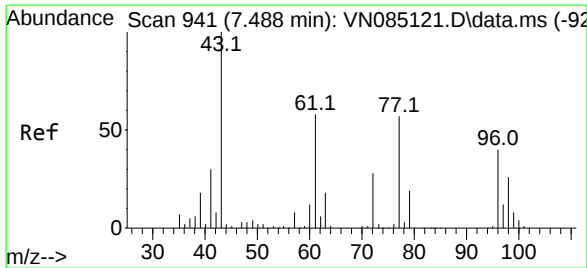
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#30
2-Butanone
Concen: 245.653 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 43 Resp: 307572
Ion Ratio Lower Upper
43 100
57 8.2 6.9 10.3
72 27.8 21.8 32.8





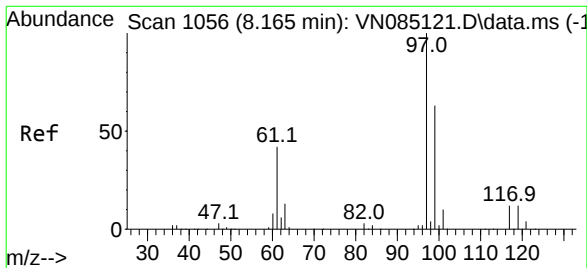
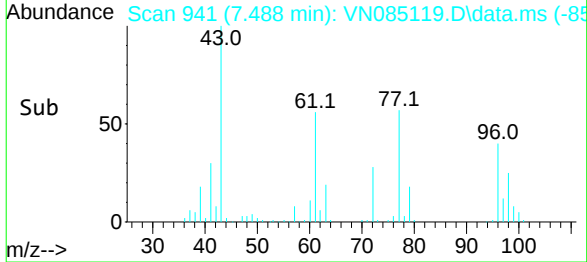
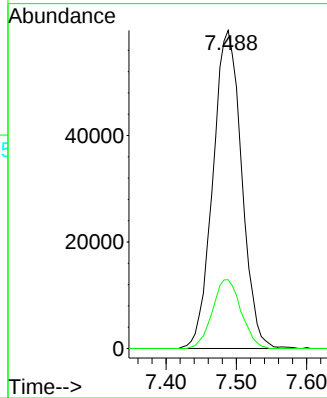
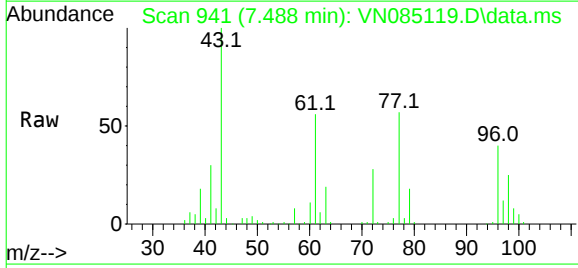
#31
2,2-Dichloropropane
Concen: 48.478 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 169610
Ion Ratio Lower Upper
77 100
97 21.6 0.0 0.0#

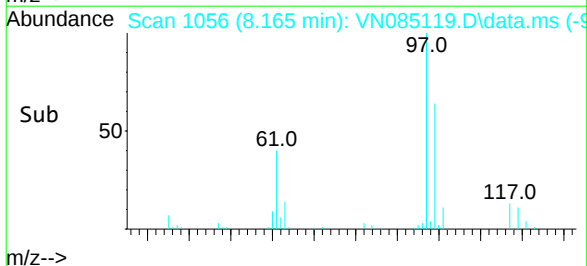
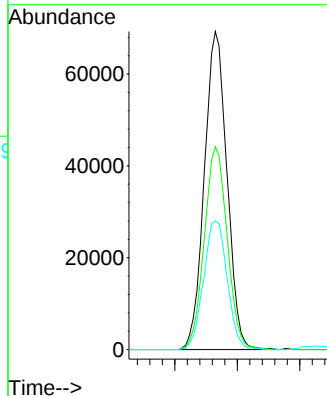
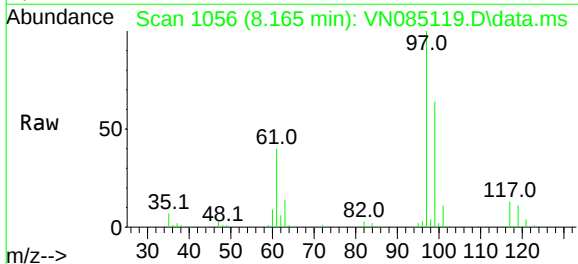
Manual Integrations
APPROVED

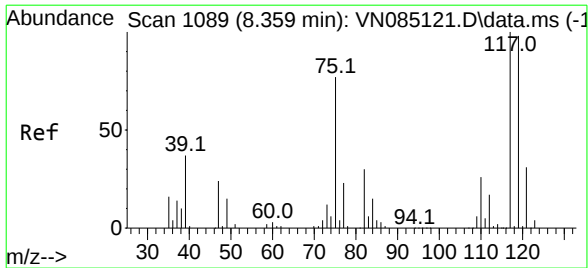
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#32
1,1,1-Trichloroethane
Concen: 47.217 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

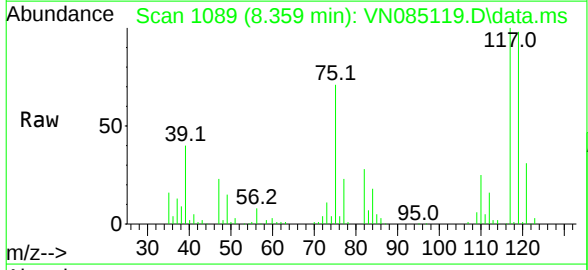
Tgt Ion: 97 Resp: 174371
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.0 32.7 49.1





#33
Carbon Tetrachloride
Concen: 47.889 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

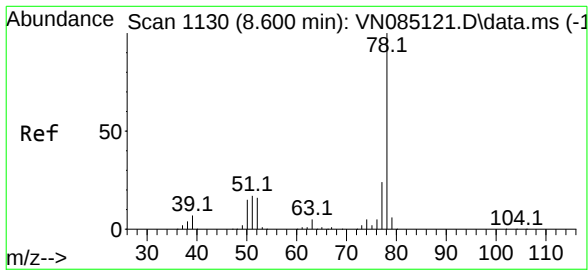
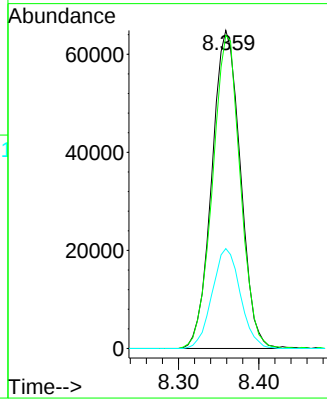
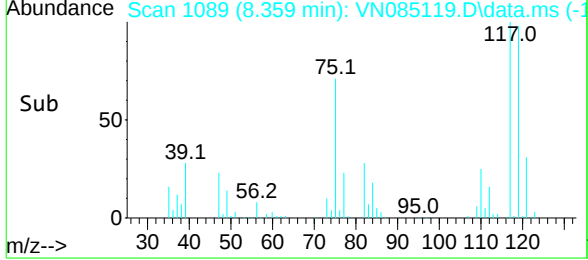
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



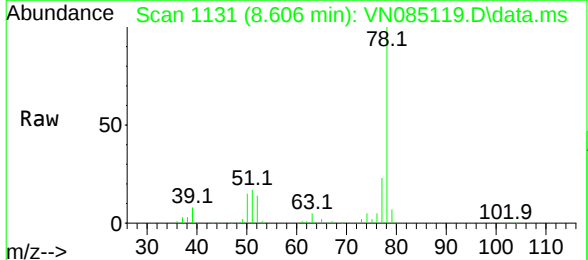
Tgt Ion: 117 Resp: 159586
Ion Ratio Lower Upper
117 100
119 98.4 81.6 122.4
121 31.4 26.5 39.7

Manual Integrations
APPROVED

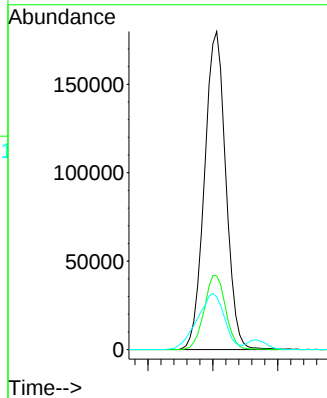
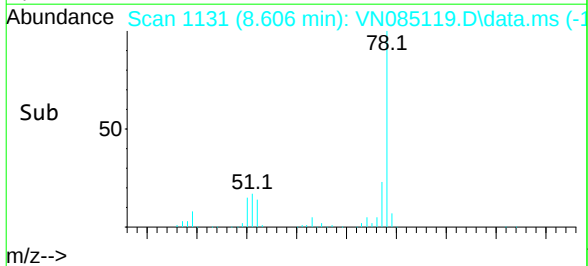
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

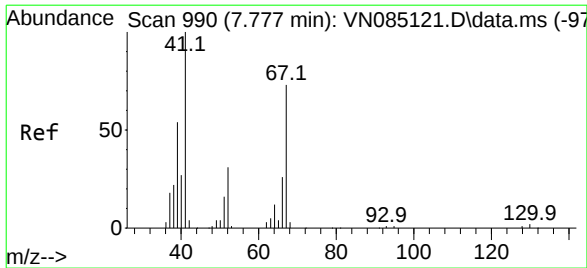


#34
Benzene
Concen: 47.855 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49



Tgt Ion: 78 Resp: 410169
Ion Ratio Lower Upper
78 100
77 23.2 18.0 27.0
51 16.3 12.4 18.6





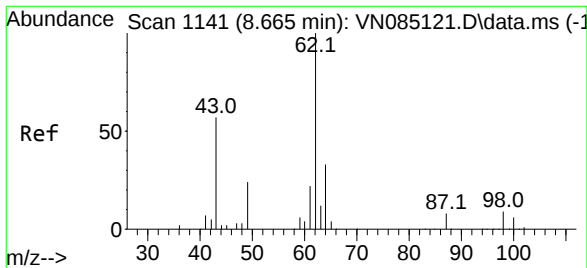
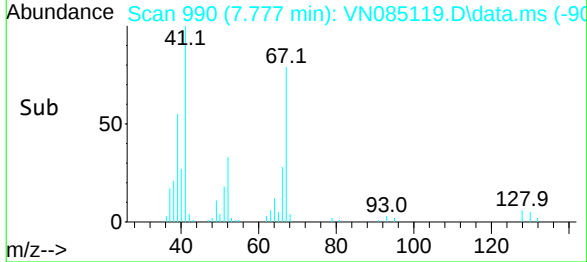
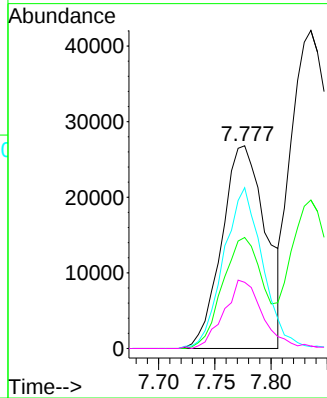
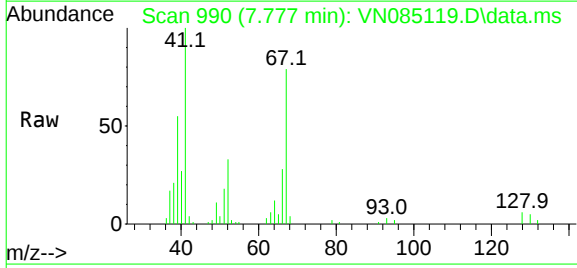
#35
Methacrylonitrile
Concen: 51.722 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 41	Resp: 72876
Ion Ratio	Lower Upper
41	100
39	54.8 24.4 73.2
67	79.3 37.0 110.9
52	32.6 12.4 37.2

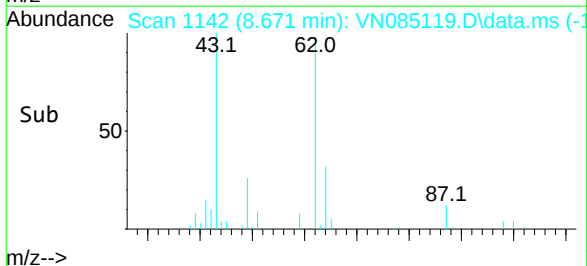
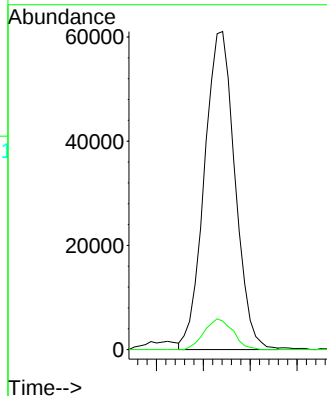
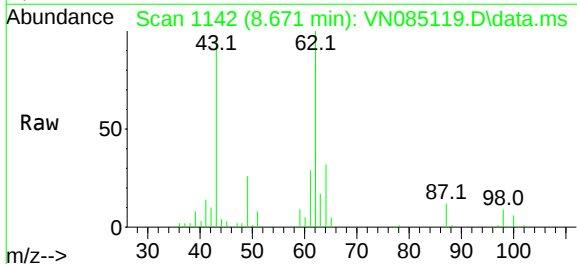
Manual Integrations
APPROVED

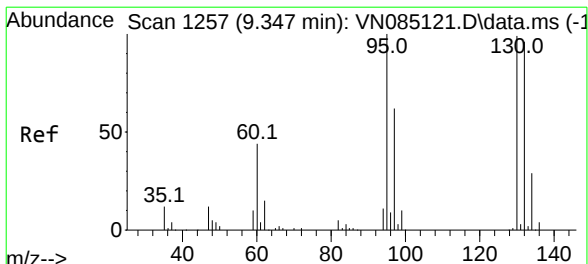
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#36
1,2-Dichloroethane
Concen: 47.430 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 62	Resp: 138391
Ion Ratio	Lower Upper
62	100
98	9.1 7.3 10.9





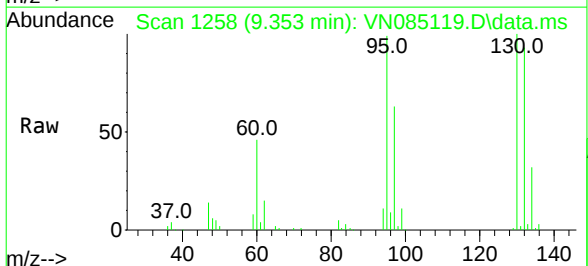
#37
 Trichloroethene
 Concen: 47.426 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN085119.D
 Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

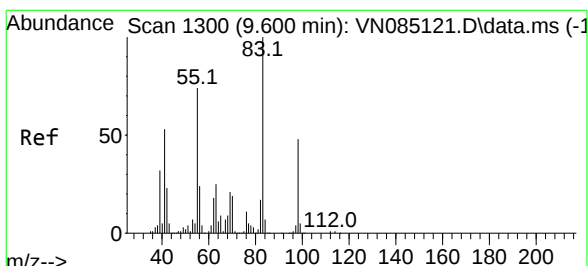
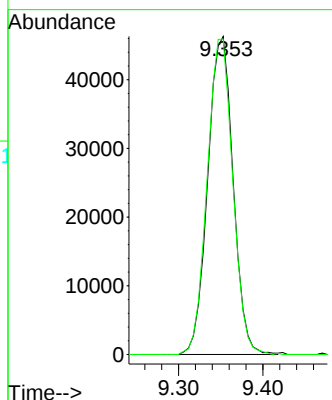
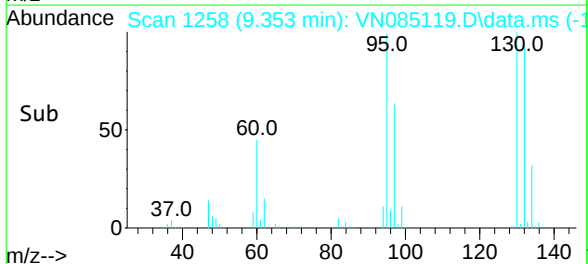
VSTDIC050



Tgt Ion:130 Resp: 96801
 Ion Ratio Lower Upper
 130 100
 95 99.2 76.2 114.4

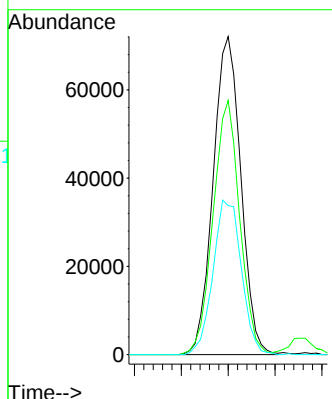
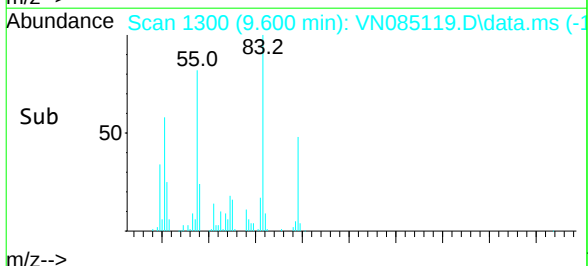
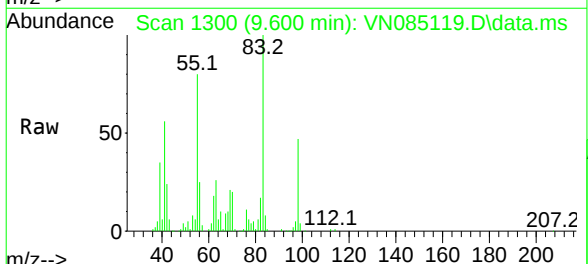
Manual Integrations
 APPROVED

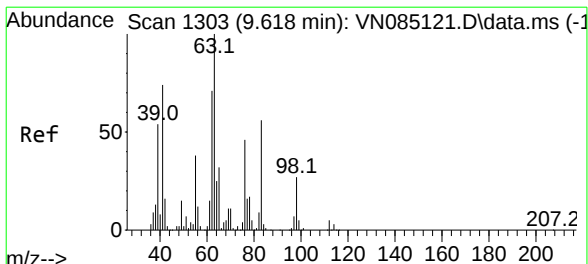
Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024



#38
 Methylcyclohexane
 Concen: 49.963 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN085119.D
 Acq: 06 Dec 2024 10:49

Tgt Ion: 83 Resp: 148222
 Ion Ratio Lower Upper
 83 100
 55 76.8 41.4 124.4
 98 49.6 25.7 77.1





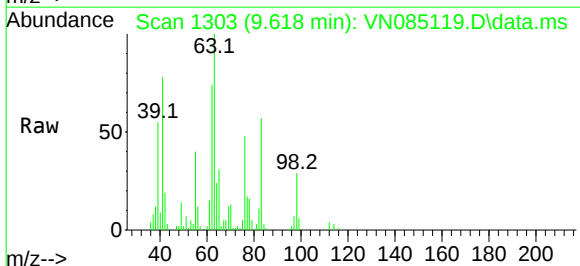
#39
 1,2-Dichloropropane
 Concen: 47.586 ug/l
 RT: 9.618 min Scan# 1303
 Delta R.T. -0.000 min
 Lab File: VN085119.D
 Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



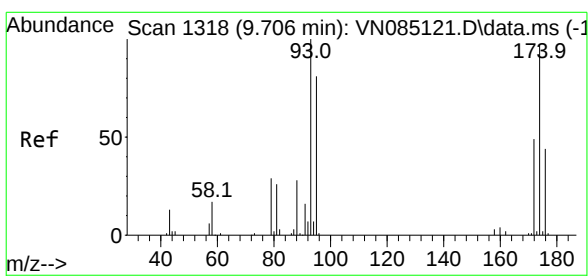
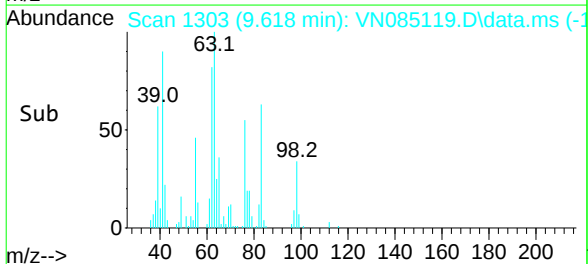
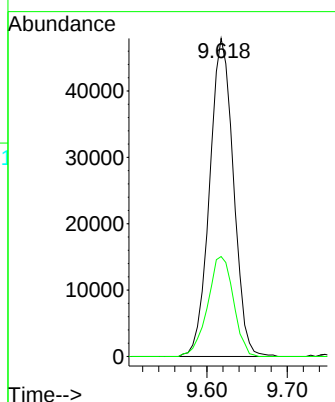
Tgt Ion: 63 Resp: 98790

Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.4	35.0

Manual Integrations

APPROVED

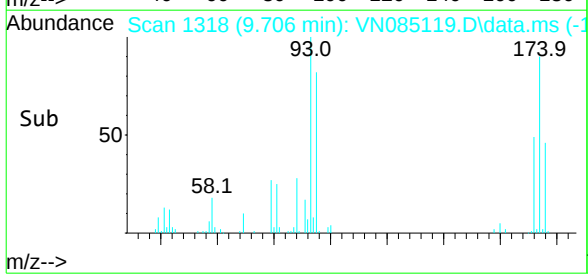
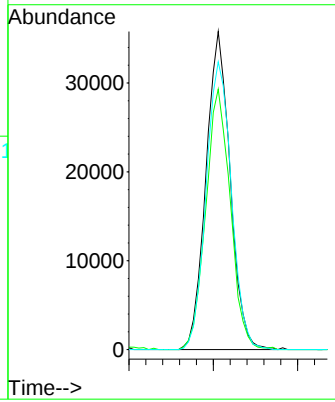
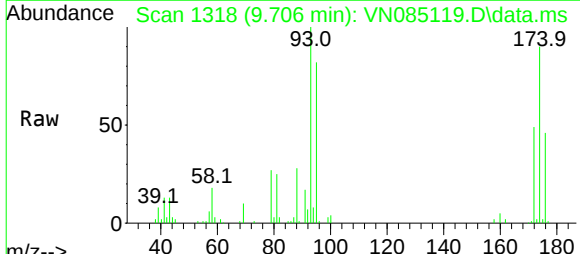
Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

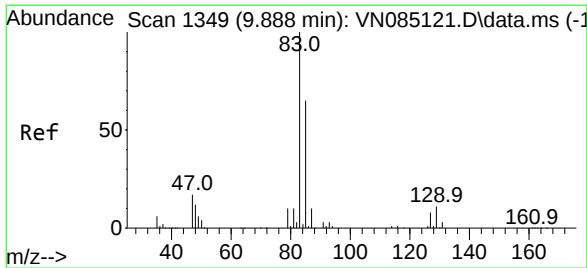


#40
 Dibromomethane
 Concen: 47.969 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. -0.000 min
 Lab File: VN085119.D
 Acq: 06 Dec 2024 10:49

Tgt Ion: 93 Resp: 71433

Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	169.4
174	94.4	0.0	189.8





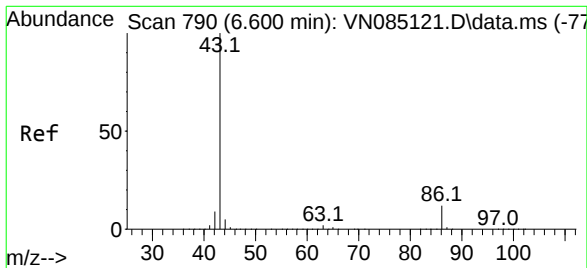
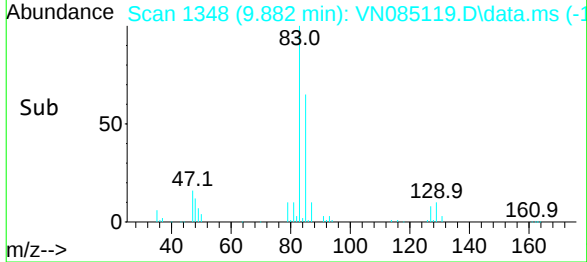
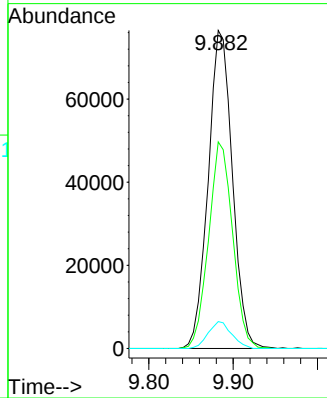
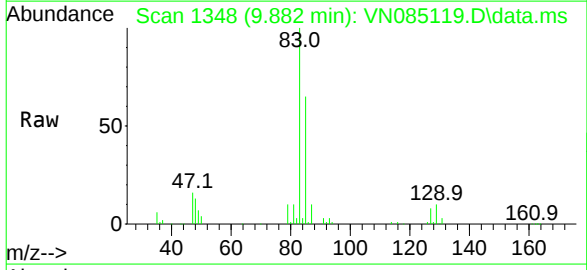
#41
Bromodichloromethane
Concen: 47.898 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 152481
Ion Ratio Lower Upper
83 100
85 65.0 54.6 81.8
127 8.5 7.0 10.6

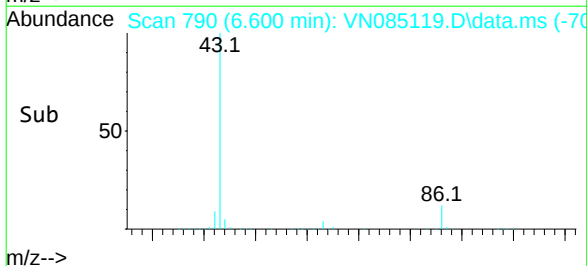
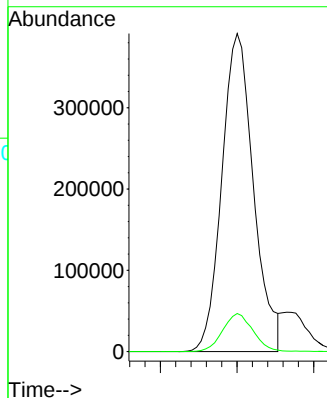
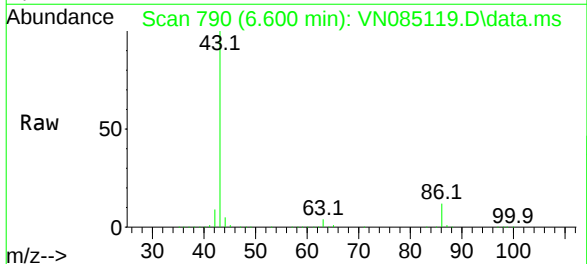
Manual Integrations
APPROVED

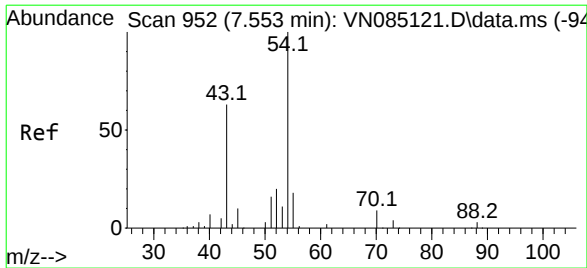
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#42
Vinyl Acetate
Concen: 256.138 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 43 Resp: 1122209
Ion Ratio Lower Upper
43 100
86 11.5 9.2 13.8





#43

Ethyl Acetate

Concen: 49.844 ug/l

RT: 7.553 min Scan# 952

Delta R.T. -0.006 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 124173

Ion Ratio Lower Upper

43 100

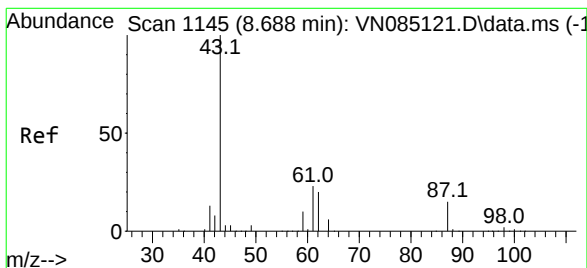
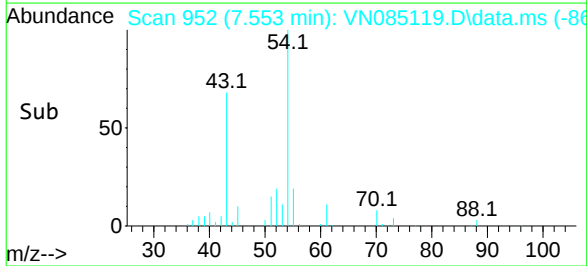
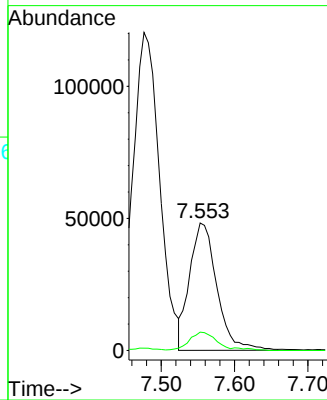
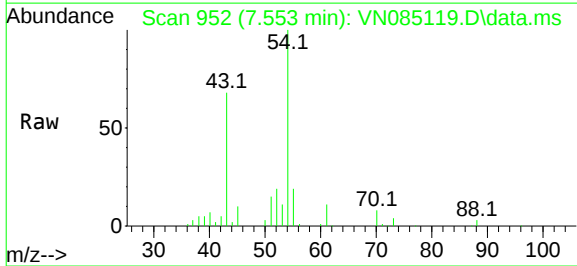
45 13.1 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#44

Isopropyl Acetate

Concen: 48.782 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085119.D

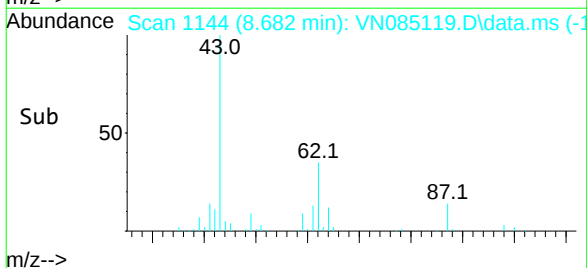
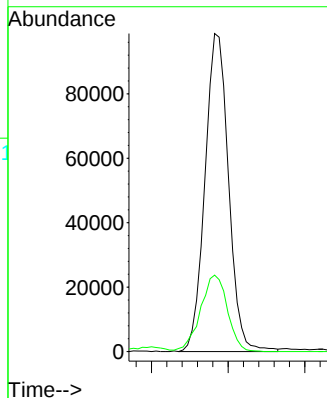
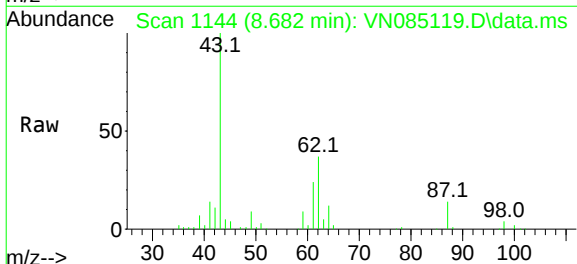
Acq: 06 Dec 2024 10:49

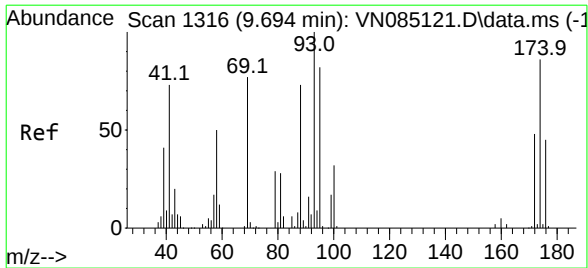
Tgt Ion: 43 Resp: 211189

Ion Ratio Lower Upper

43 100

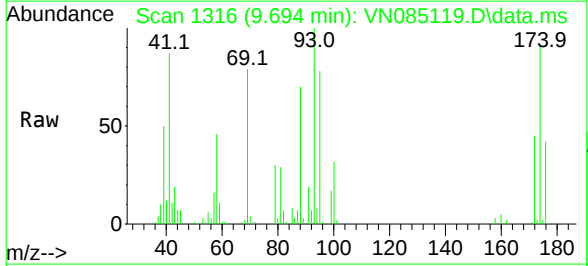
61 27.4 21.5 32.3





#45
1,4-Dioxane
Concen: 989.420 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

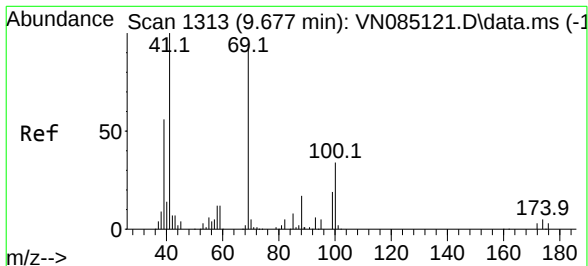
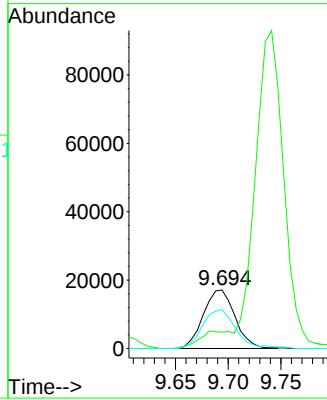
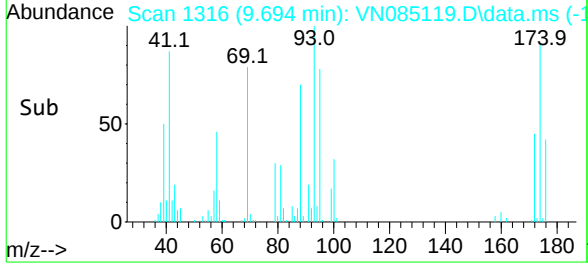
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



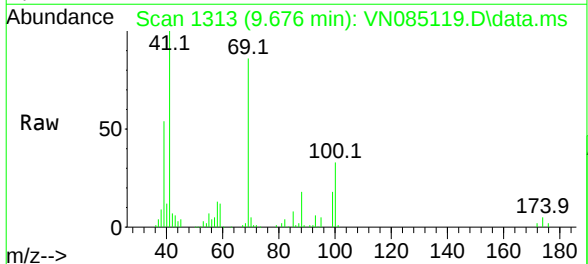
Tgt Ion: 88 Resp: 35720
Ion Ratio Lower Upper
88 100
43 22.5 21.7 32.5
58 68.0 52.6 79.0

Manual Integrations
APPROVED

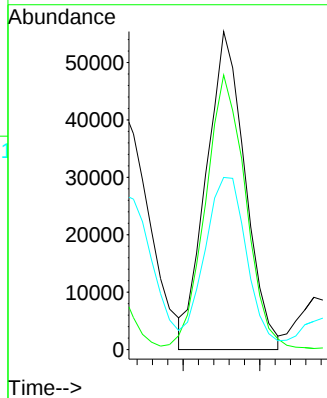
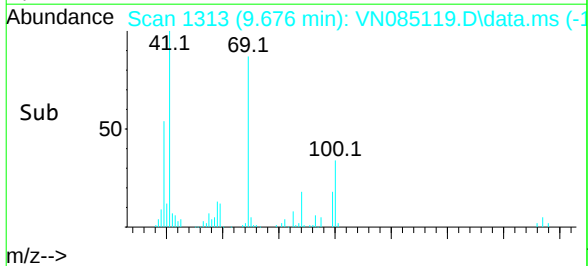
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

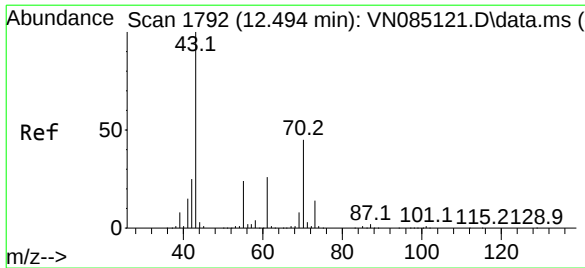


#46
Methyl methacrylate
Concen: 49.158 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49



Tgt Ion: 41 Resp: 97397
Ion Ratio Lower Upper
41 100
69 86.6 46.7 140.0
39 53.6 28.5 85.5





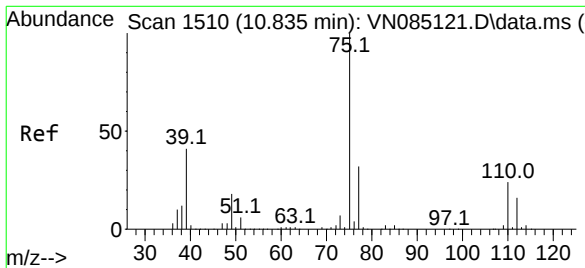
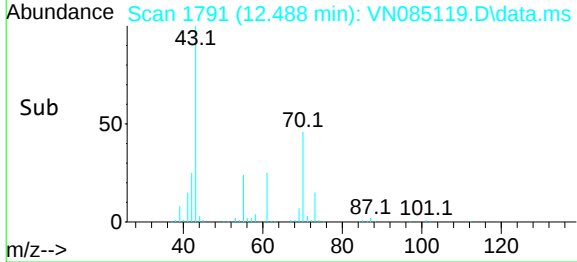
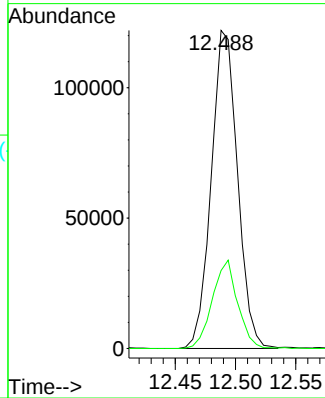
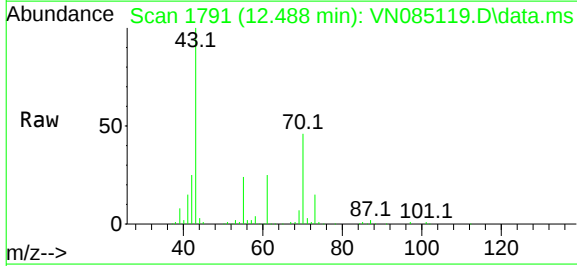
#47
n-amy1 Acetate
Concen: 50.788 ug/l
RT: 12.488 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 184994
Ion Ratio Lower Upper
43 100
55 26.6 23.3 34.9

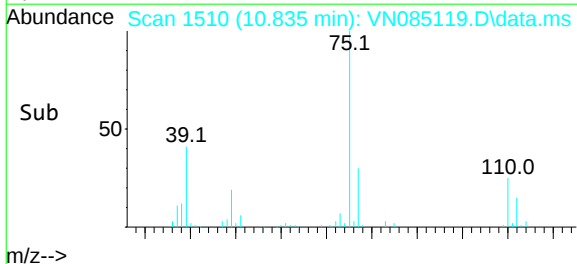
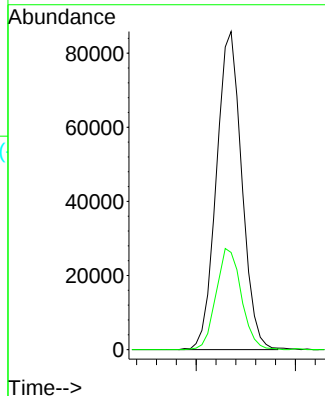
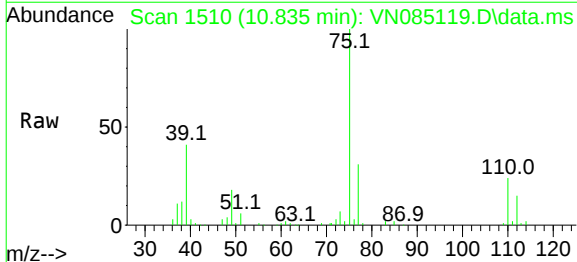
Manual Integrations
APPROVED

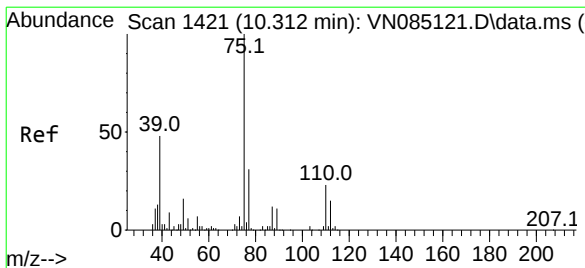
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#48
t-1,3-Dichloropropene
Concen: 48.801 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

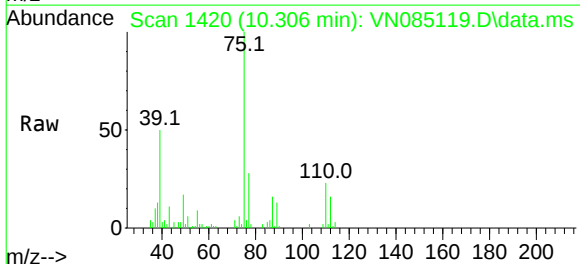
Tgt Ion: 75 Resp: 152504
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3





#49
cis-1,3-Dichloropropene
Concen: 48.292 ug/l
RT: 10.306 min Scan# 141
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

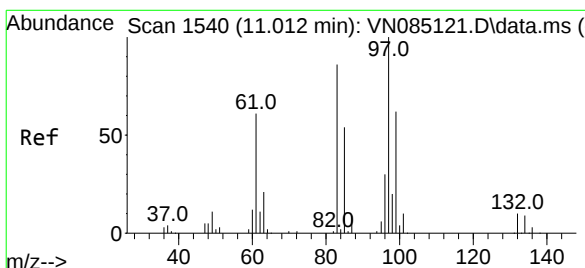
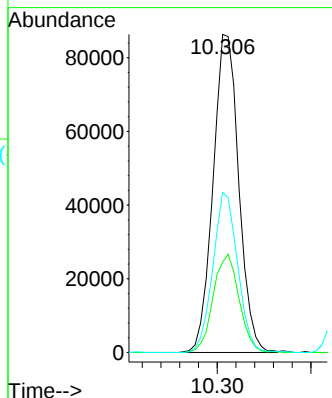
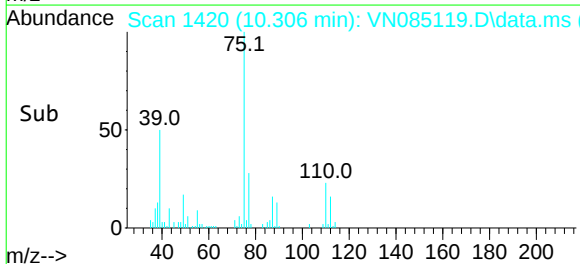
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:	75	Resp:	164287
Ion	Ratio	Lower	Upper
75	100		
77	28.4	23.8	35.6
39	50.3	37.3	55.9

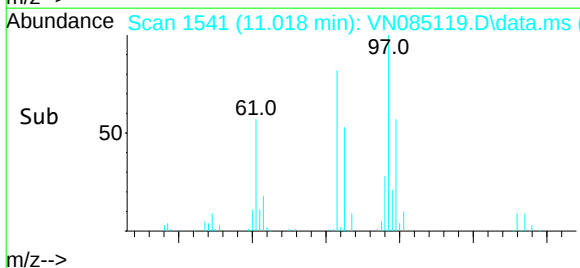
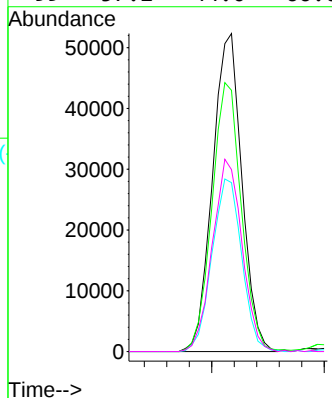
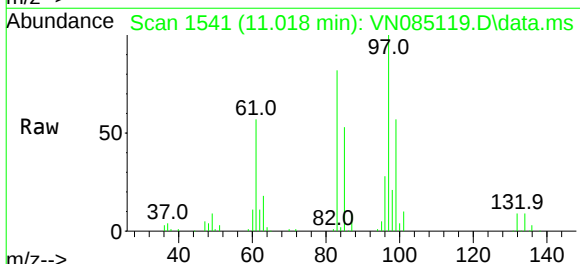
Manual Integrations
APPROVED

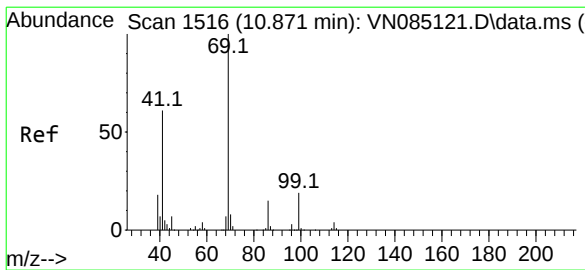
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#50
1,1,2-Trichloroethane
Concen: 47.189 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

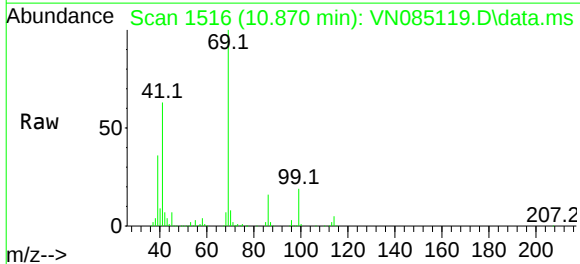
Tgt Ion:	97	Resp:	94692
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.8
85	53.1	40.8	61.2
99	57.2	44.0	66.0





#51
Ethyl methacrylate
Concen: 50.057 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

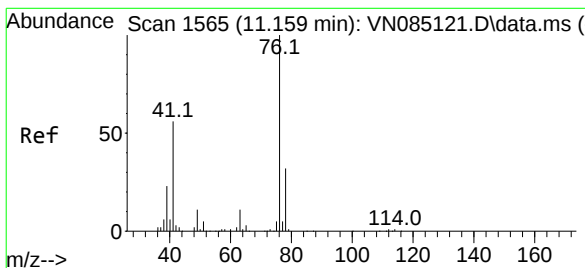
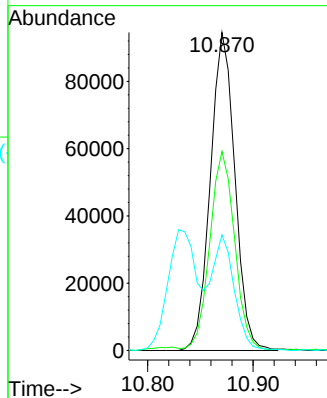
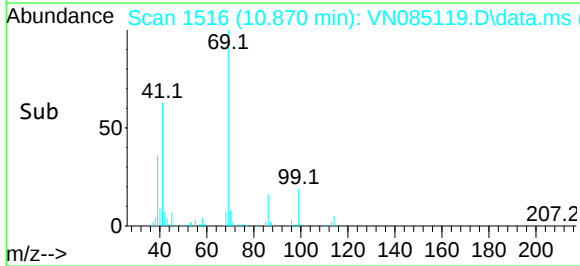
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 152776
Ion Ratio Lower Upper
69 100
41 62.1 32.1 96.3
39 36.0 18.8 56.4

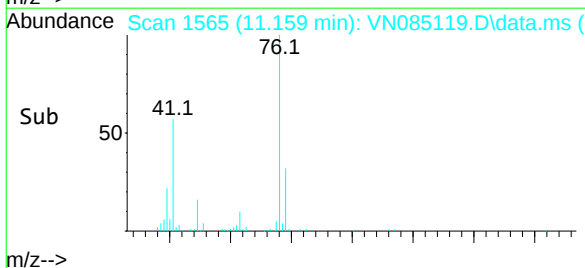
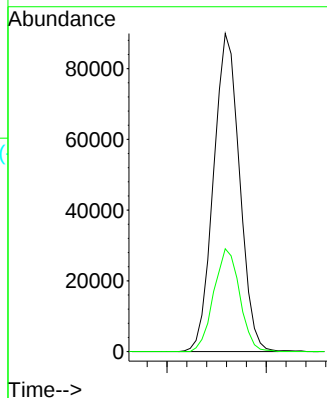
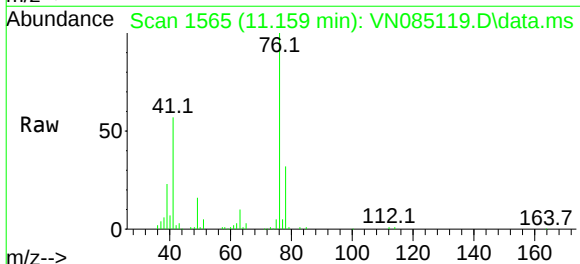
Manual Integrations
APPROVED

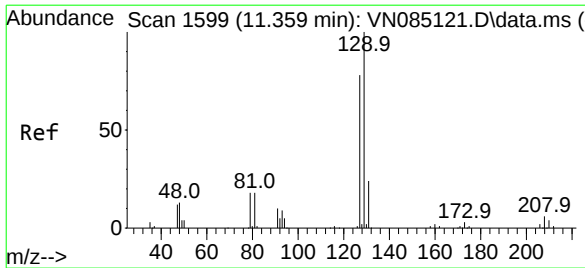
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#52
1,3-Dichloropropane
Concen: 48.874 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 76 Resp: 164130
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.6





#53

Dibromochloromethane

Concen: 47.550 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:129 Resp: 116277

Ion Ratio Lower Upper

129 100

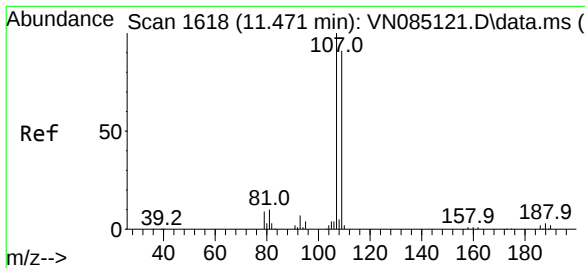
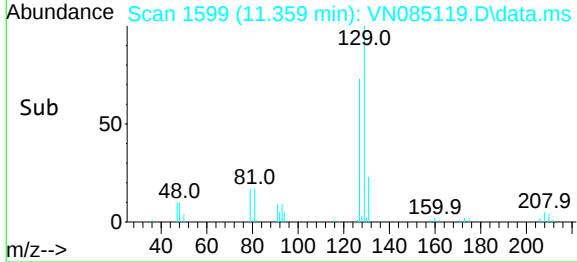
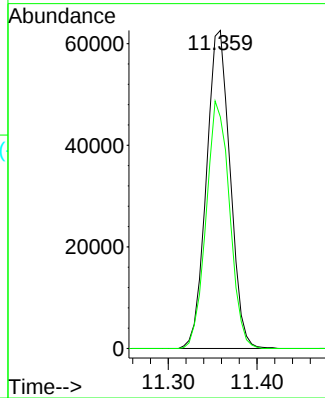
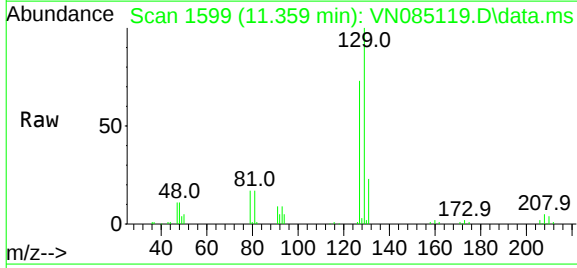
127 76.9 37.3 111.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#54

1,2-Dibromoethane

Concen: 48.496 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085119.D

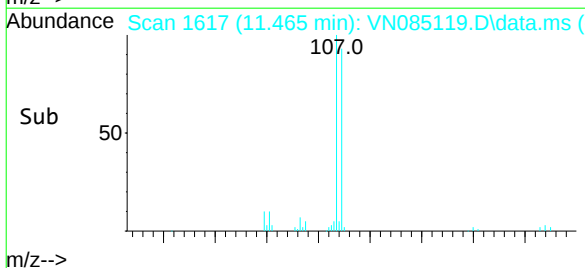
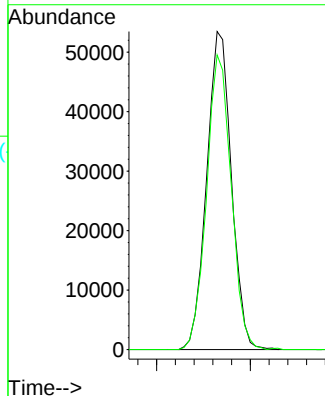
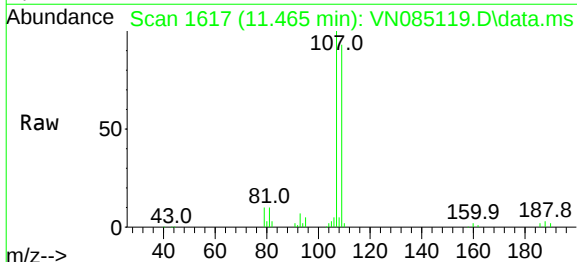
Acq: 06 Dec 2024 10:49

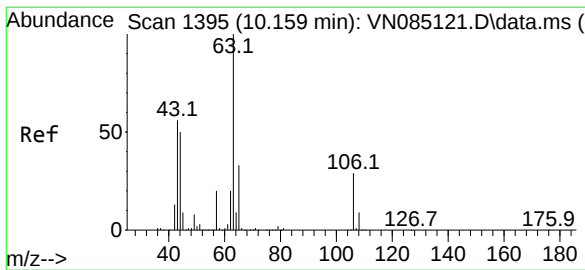
Tgt Ion:107 Resp: 98049

Ion Ratio Lower Upper

107 100

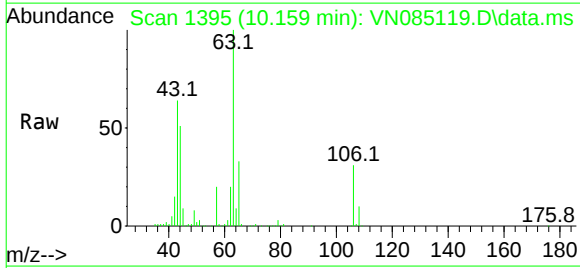
109 92.2 75.2 112.8





#55
2-Chloroethyl vinyl ether
Concen: 256.062 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

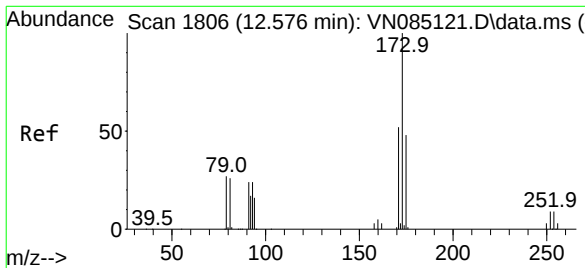
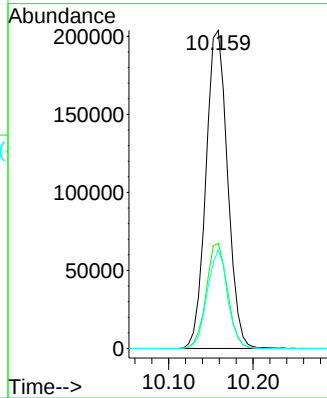
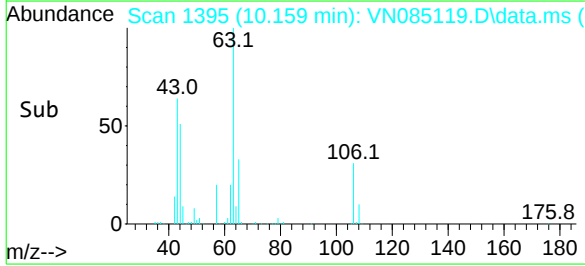
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 363042
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 29.3 23.5 35.3

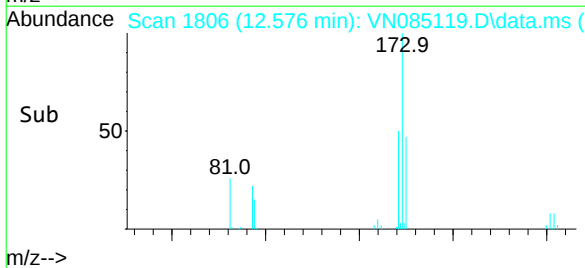
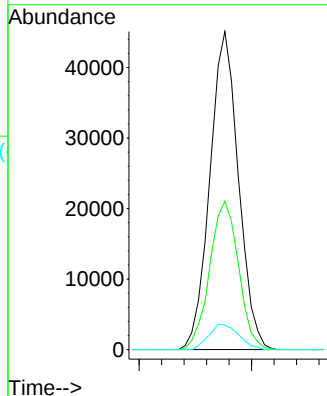
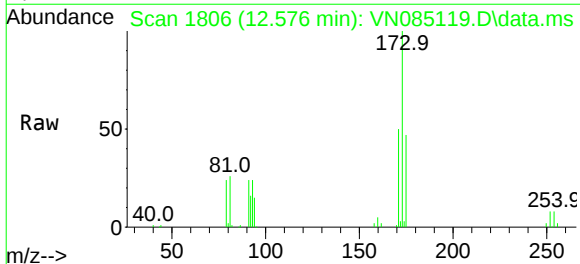
Manual Integrations
APPROVED

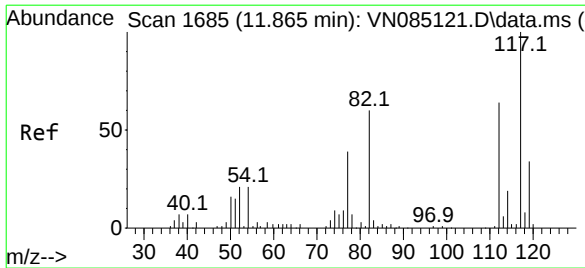
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#56
Bromoform
Concen: 48.542 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion:173 Resp: 79589
Ion Ratio Lower Upper
173 100
175 47.1 40.2 60.2
254 8.3 6.2 9.4





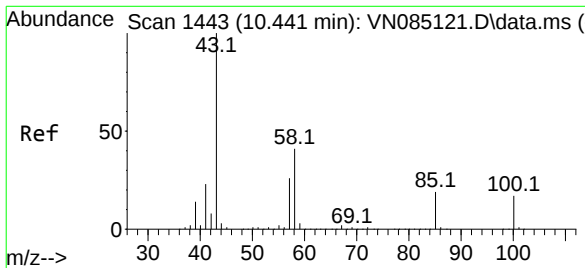
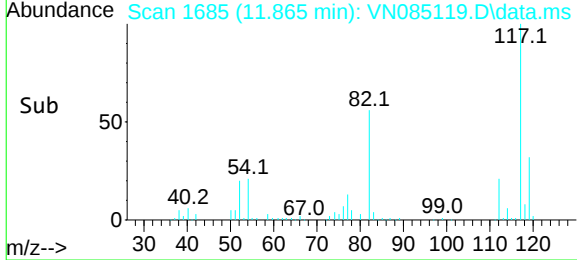
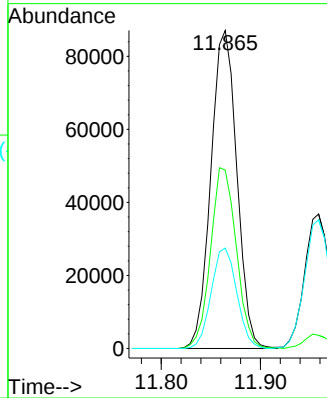
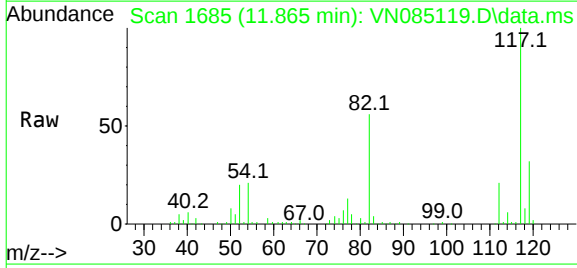
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:	117	Resp:	158595
Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.4
119	31.1	25.4	38.2

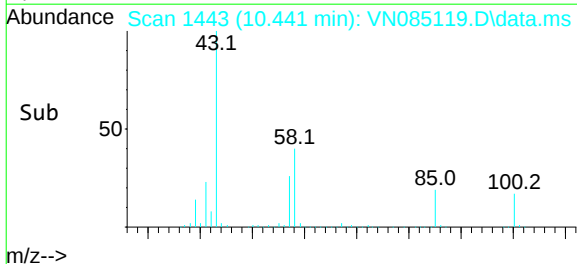
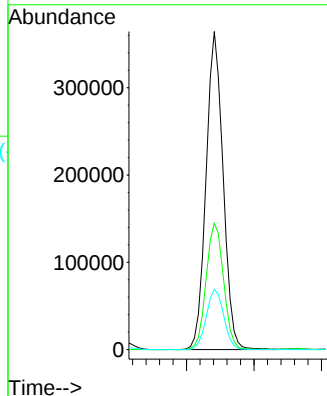
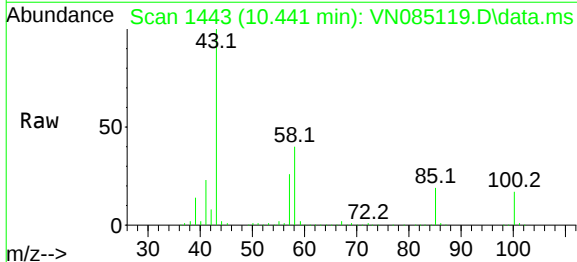
Manual Integrations
APPROVED

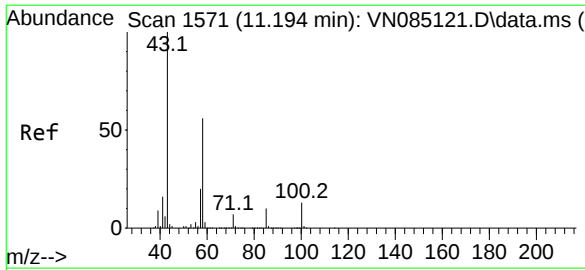
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#58
4-Methyl-2-Pentanone
Concen: 246.869 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

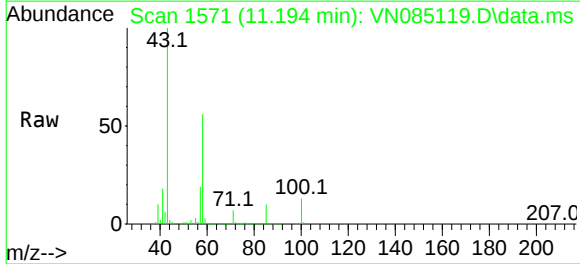
Tgt Ion:	43	Resp:	638976
Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.6	47.4
85	19.4	15.0	22.6





#59
2-Hexanone
Concen: 250.312 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

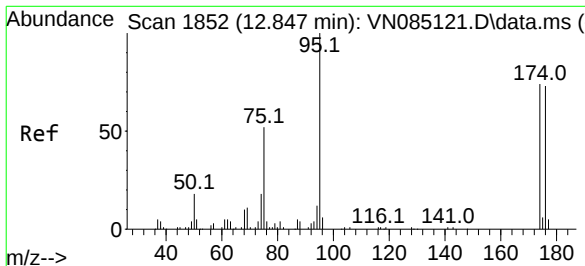
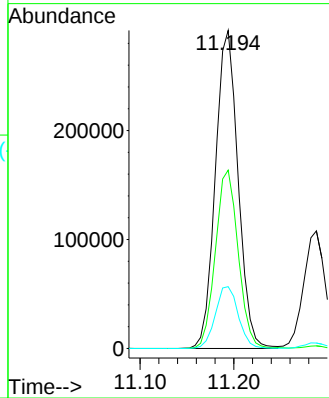
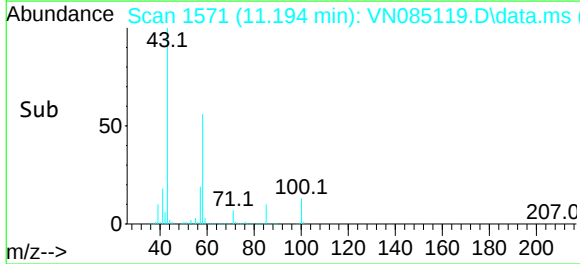
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 490910
Ion Ratio Lower Upper
43 100
58 56.1 43.6 65.4
57 19.8 15.4 23.0

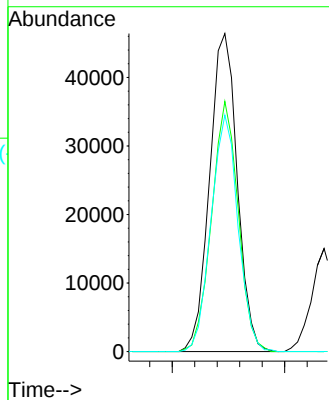
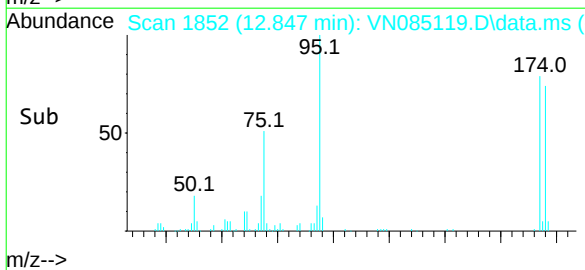
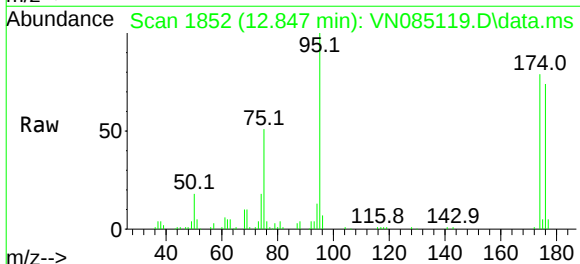
Manual Integrations
APPROVED

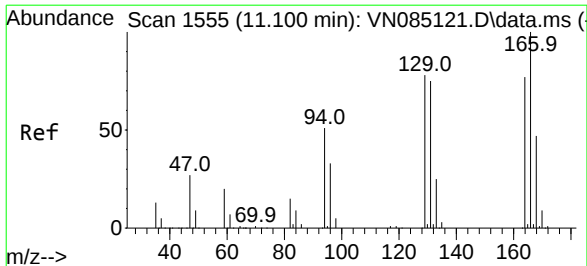
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#60
4-Bromofluorobenzene
Concen: 30.193 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 95 Resp: 79229
Ion Ratio Lower Upper
95 100
174 75.6 60.3 90.5
176 72.5 57.4 86.0





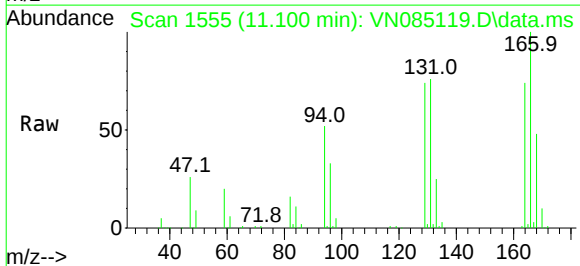
#61
Tetrachloroethene
Concen: 47.078 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

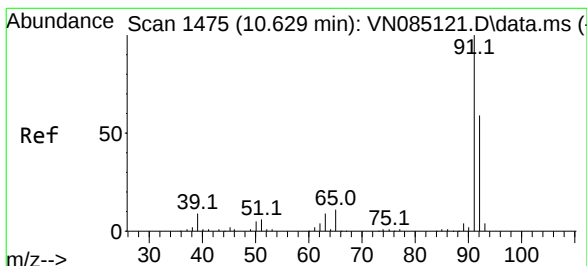
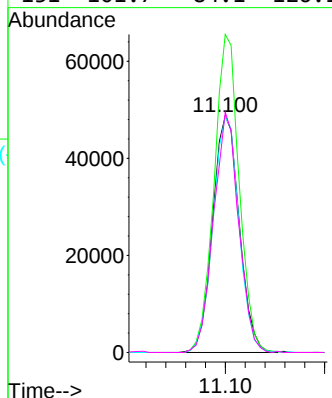
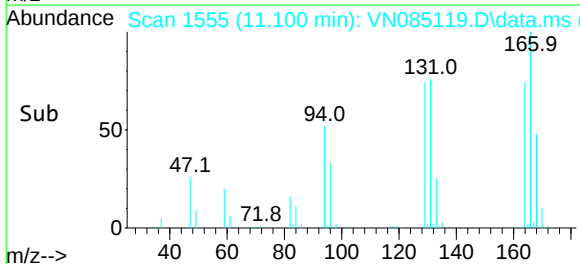
VSTDICC050



Tgt Ion:164 Resp: 90418
Ion Ratio Lower Upper
164 100
166 134.5 103.8 155.8
129 99.6 84.2 126.4
131 101.7 84.1 126.1

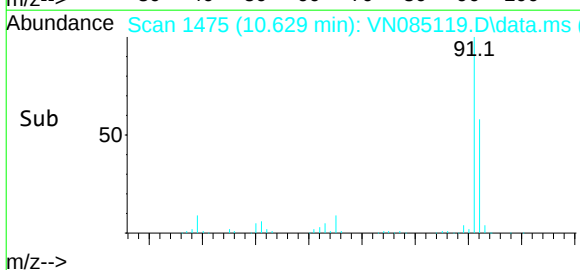
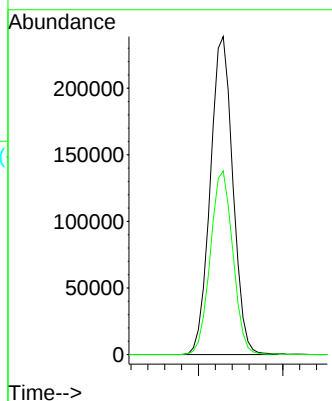
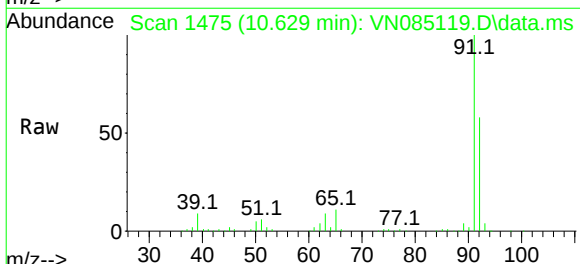
Manual Integrations
APPROVED

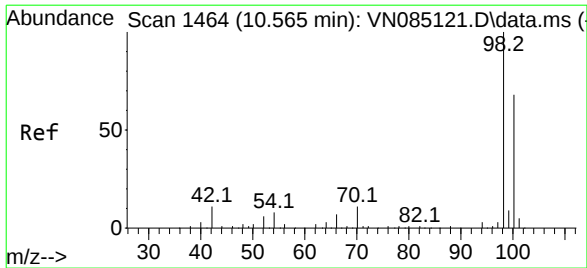
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#62
Toluene
Concen: 48.023 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 91 Resp: 444180
Ion Ratio Lower Upper
91 100
92 57.6 46.5 69.7





#63

Toluene-d8

Concen: 29.668 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 98 Resp: 220709

Ion Ratio Lower Upper

98 100

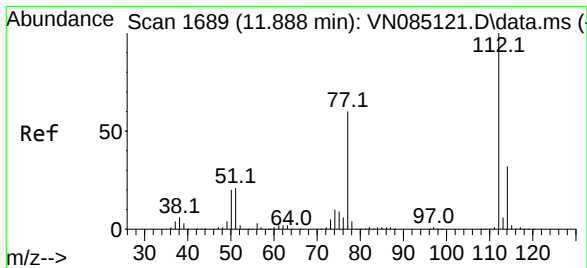
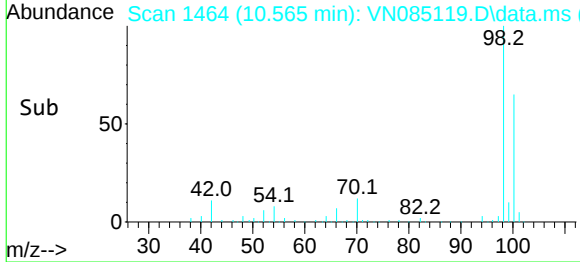
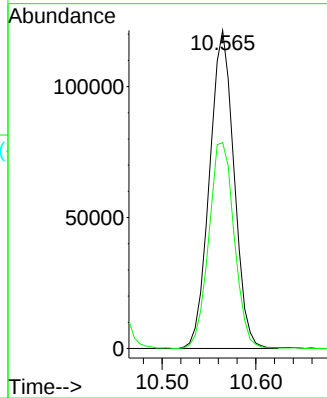
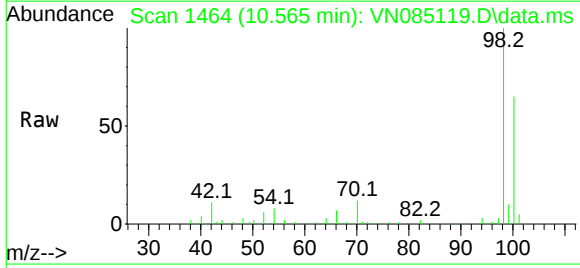
100 67.2 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#64

Chlorobenzene

Concen: 48.008 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN085119.D

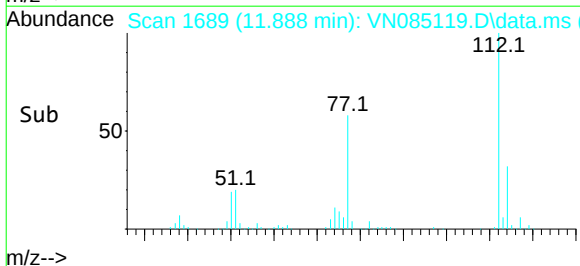
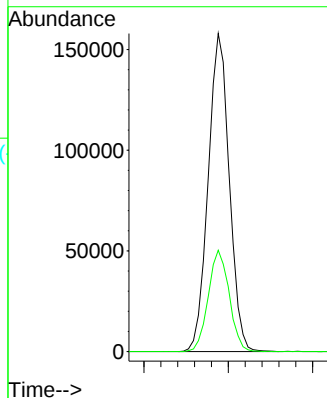
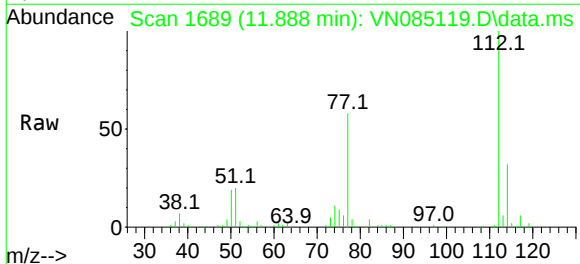
Acq: 06 Dec 2024 10:49

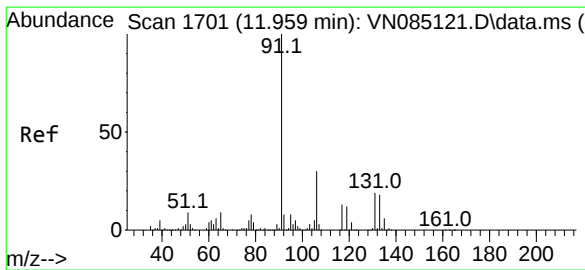
Tgt Ion:112 Resp: 274152

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0





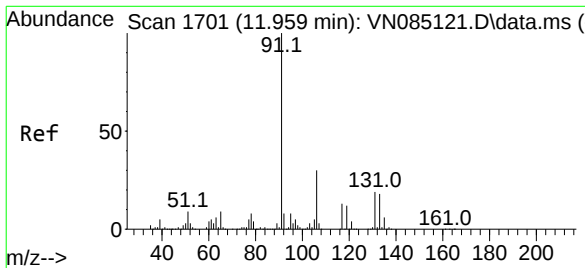
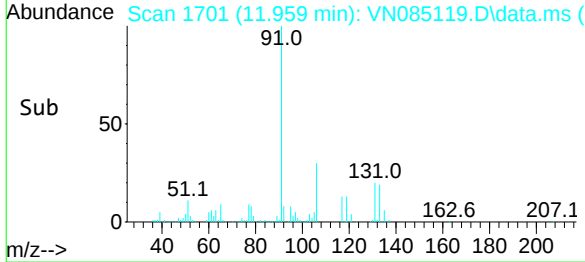
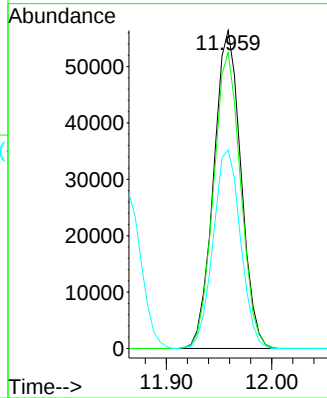
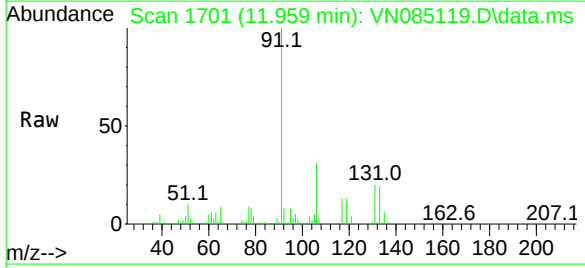
#65
1,1,1,2-Tetrachloroethane
Concen: 47.641 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.3	0.0	194.0
119	62.7	0.0	131.8

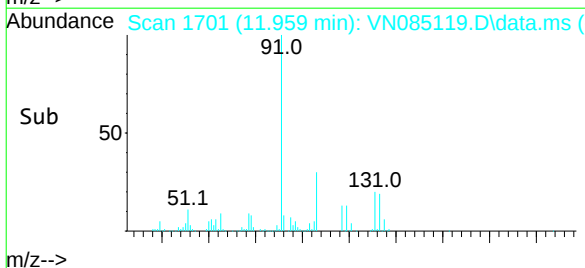
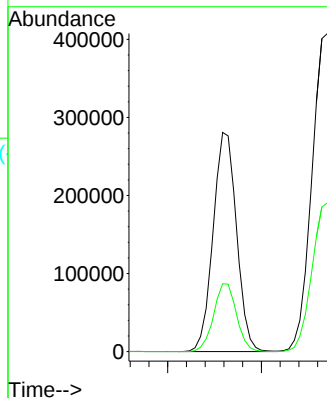
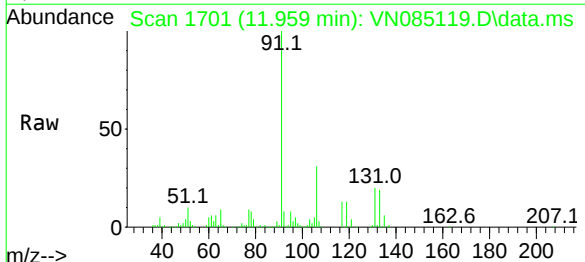
Manual Integrations
APPROVED

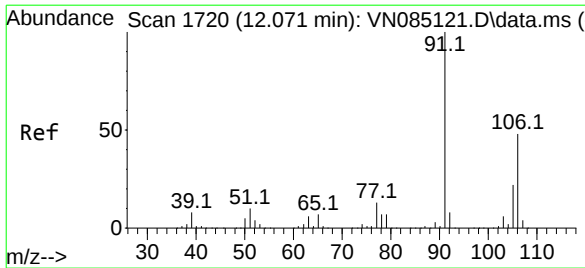
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#66
Ethyl Benzene
Concen: 49.682 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	23.1	34.7





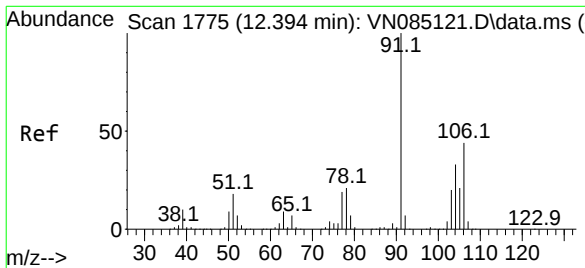
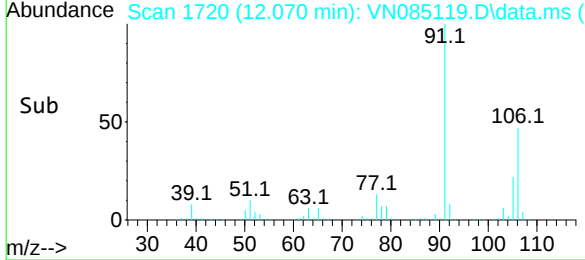
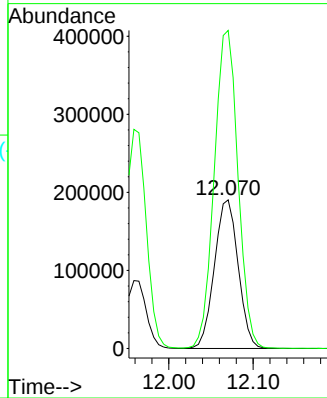
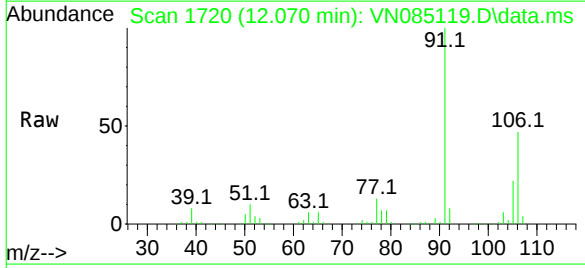
#67
m/p-Xylenes
Concen: 98.889 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 373298
Ion Ratio Lower Upper
106 100
91 213.6 165.0 247.4

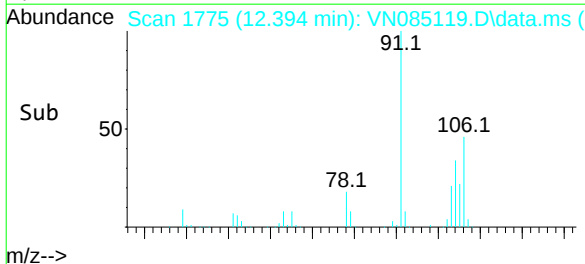
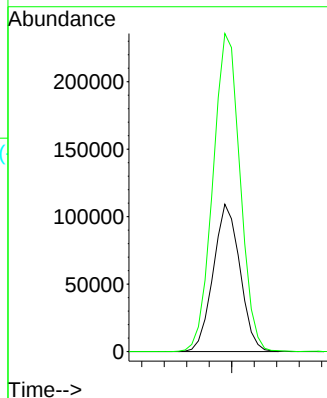
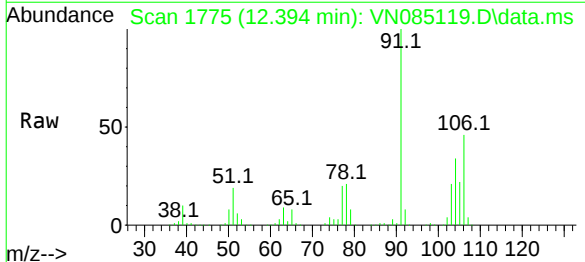
Manual Integrations
APPROVED

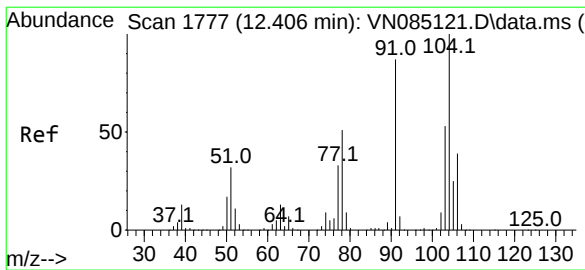
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#68
o-Xylene
Concen: 50.744 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion:106 Resp: 179899
Ion Ratio Lower Upper
106 100
91 220.0 112.1 336.4





#69

Styrene

Concen: 51.151 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

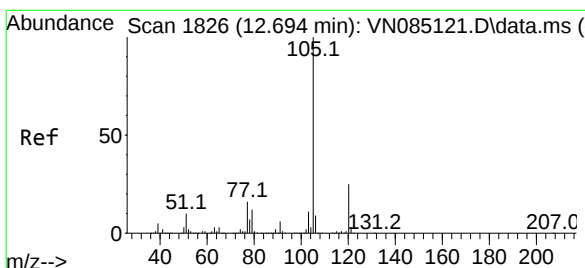
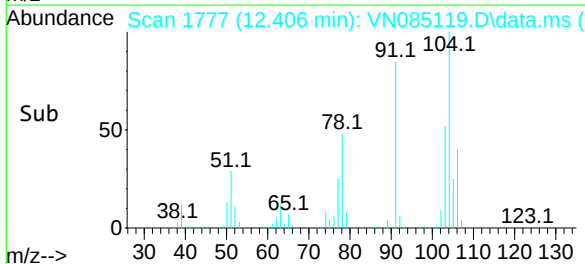
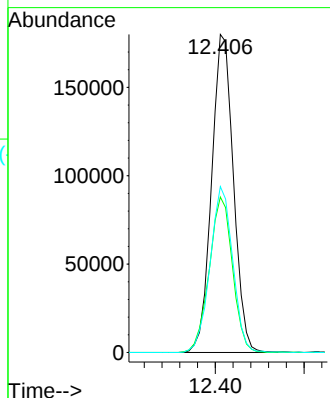
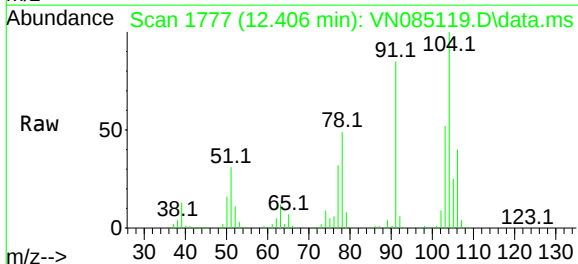
ClientSampleId :

VSTDICC050

Tgt Ion:	104	Resp:	307715
Ion	Ratio	Lower	Upper
104	100		
78	52.0	42.3	63.5
103	54.0	44.4	66.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#70

Isopropylbenzene

Concen: 50.502 ug/l

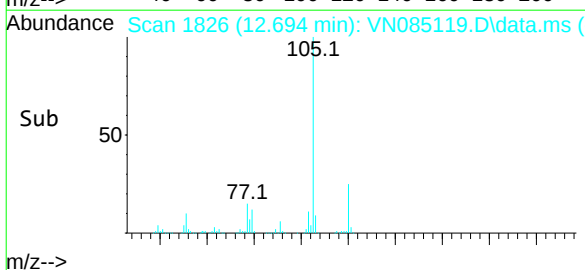
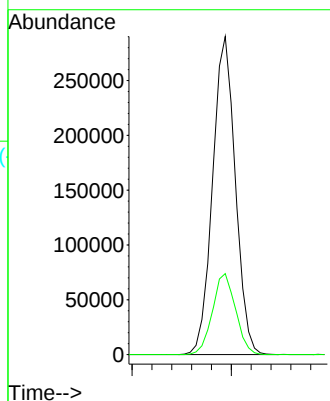
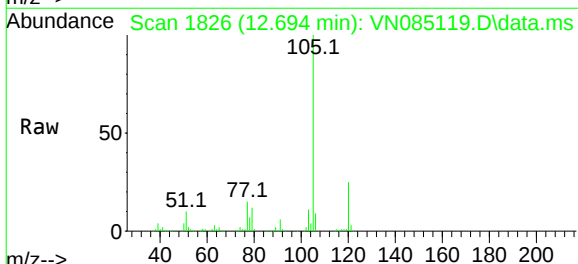
RT: 12.694 min Scan# 1826

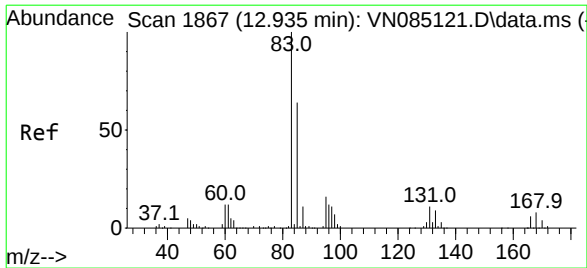
Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Tgt Ion:	105	Resp:	461786
Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.3	33.9





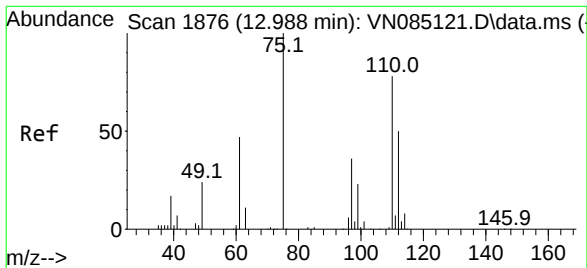
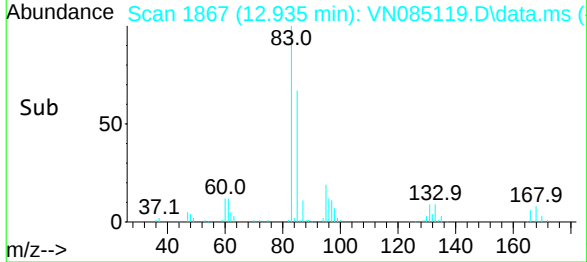
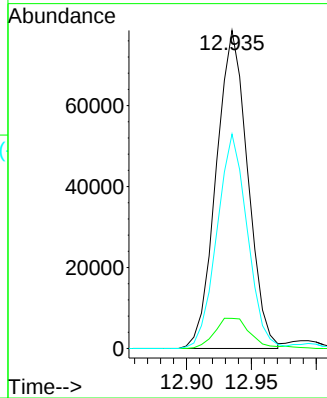
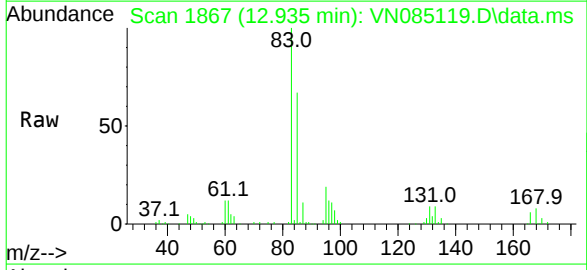
#71
1,1,2,2-Tetrachloroethane
Concen: 47.759 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:	83	Resp:	132922
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	65.1	31.1	93.5

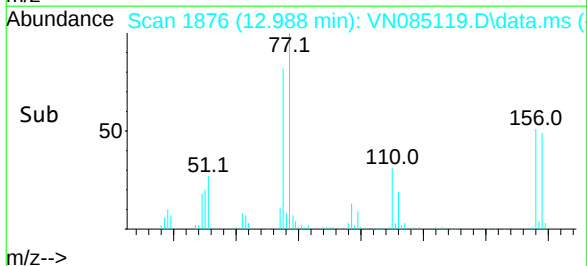
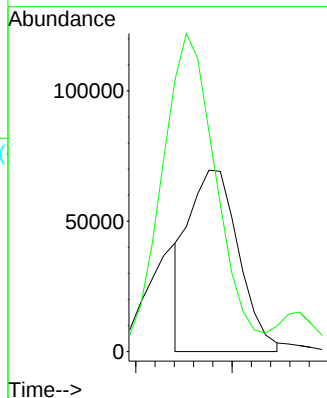
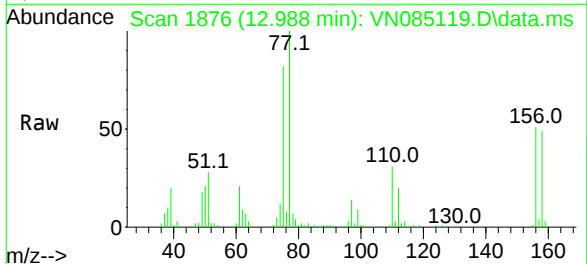
Manual Integrations
APPROVED

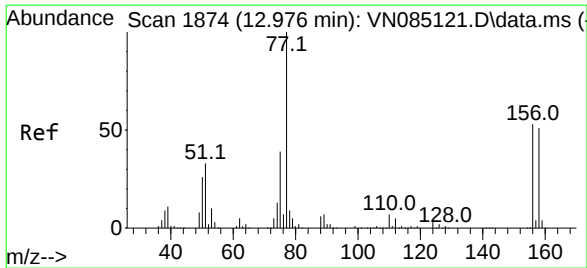
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#72
1,2,3-Trichloropropane
Concen: 45.469 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion:	75	Resp:	125007
Ion	Ratio	Lower	Upper
75	100		
77	192.9	0.0	339.0





#73

Bromobenzene

Concen: 48.711 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

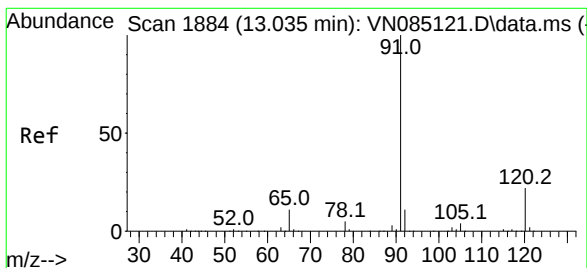
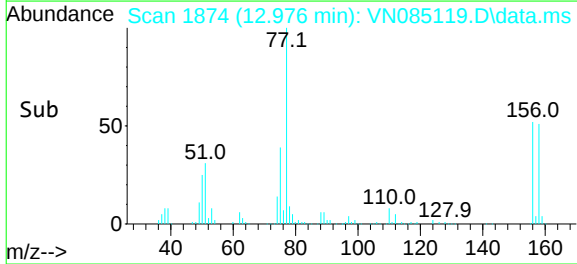
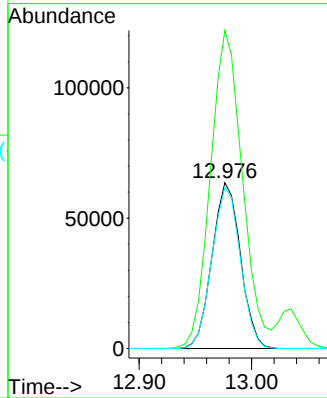
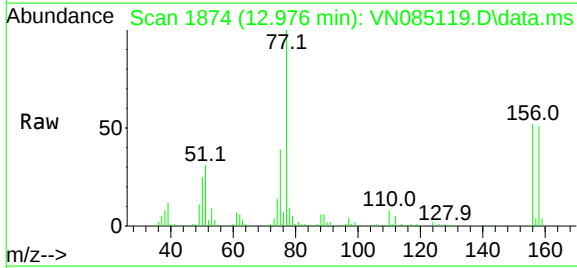
VSTDIC050

Tgt Ion:	156	Resp:	111567
Ion Ratio	Lower	Upper	
156	100		
77	216.1	0.0	430.4
158	97.2	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#74

n-propylbenzene

Concen: 50.065 ug/l

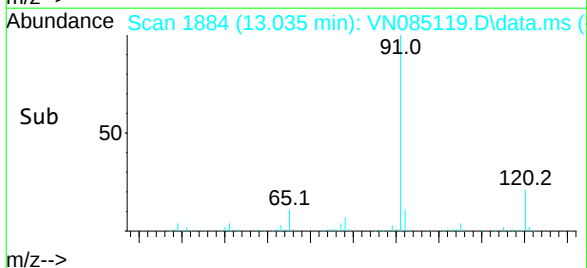
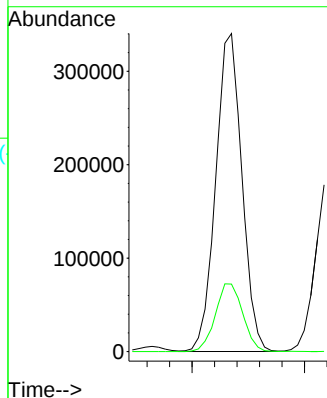
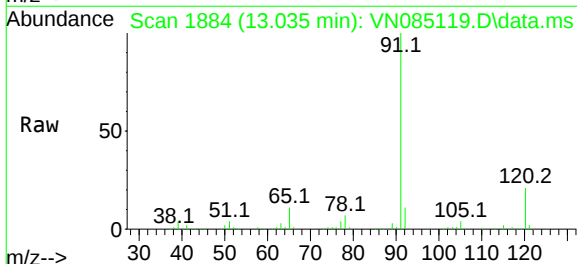
RT: 13.035 min Scan# 1884

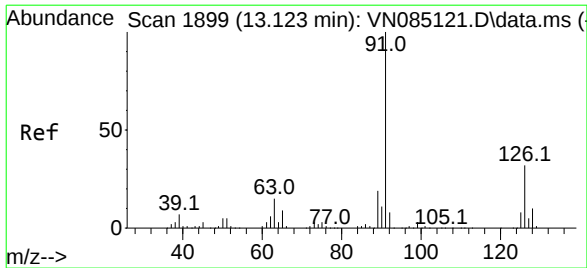
Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Tgt Ion:	91	Resp:	550361
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.0





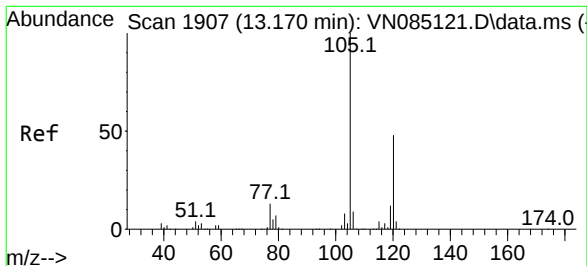
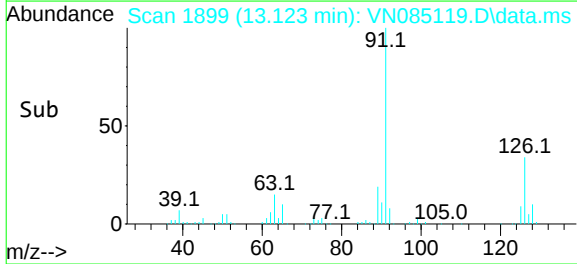
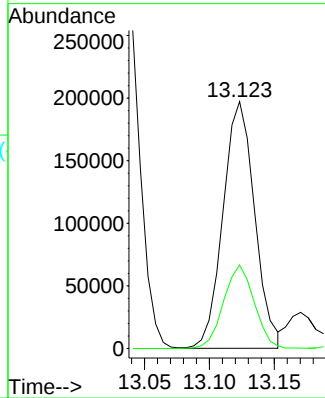
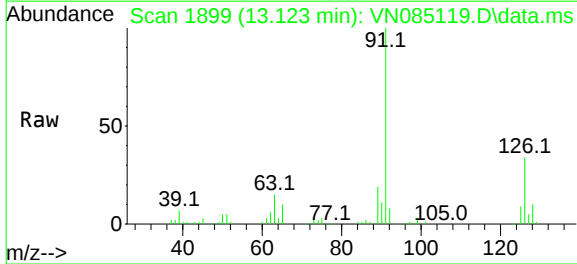
#75
2-Chlorotoluene
Concen: 49.227 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 334596
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.2

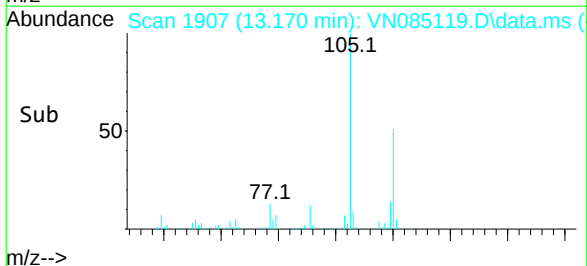
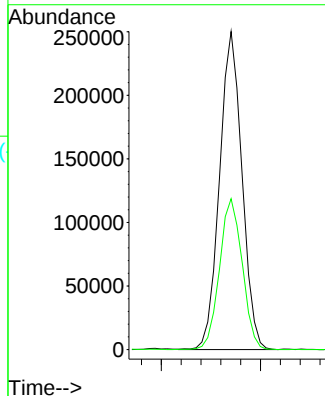
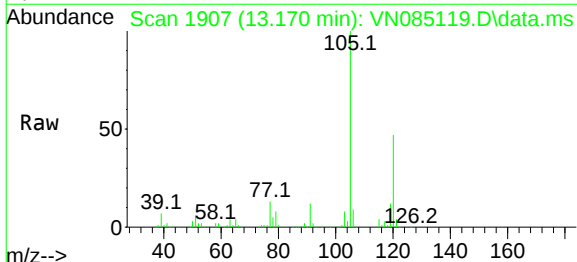
Manual Integrations
APPROVED

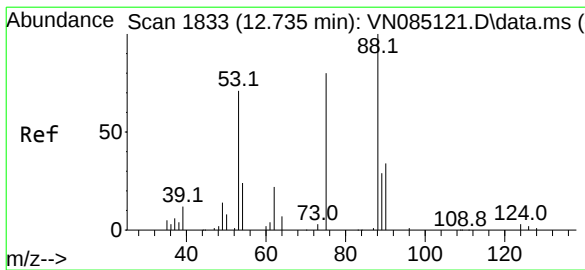
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 50.202 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion:105 Resp: 393277
Ion Ratio Lower Upper
105 100
120 47.9 0.0 94.4





#77

t-1,4-Dichloro-2-butene

Concen: 48.553 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN085119.D

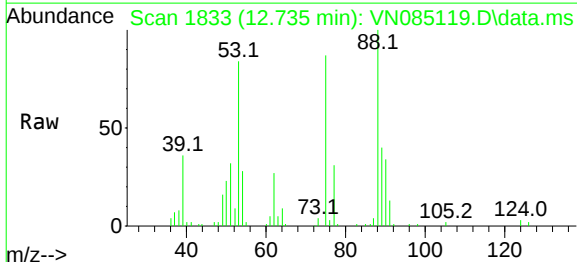
Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 75 Resp: 48505

Ion Ratio Lower Upper

75 100

53 95.0 49.1 147.3

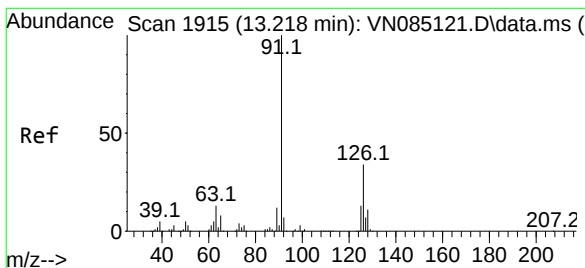
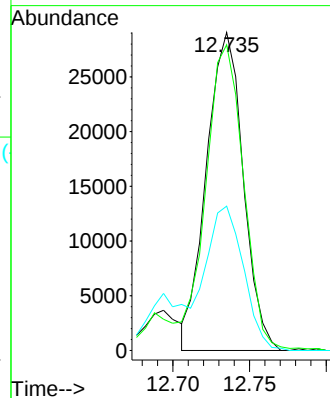
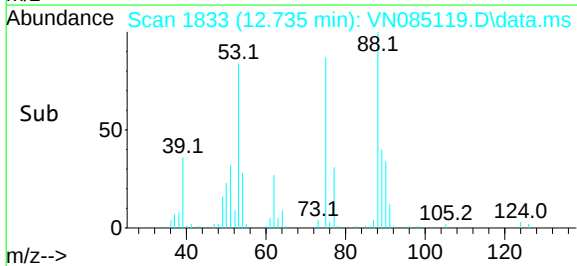
89 44.7 22.9 68.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#78

4-Chlorotoluene

Concen: 48.823 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN085119.D

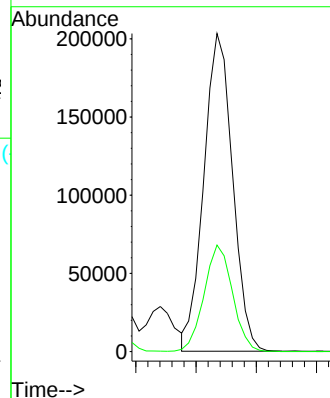
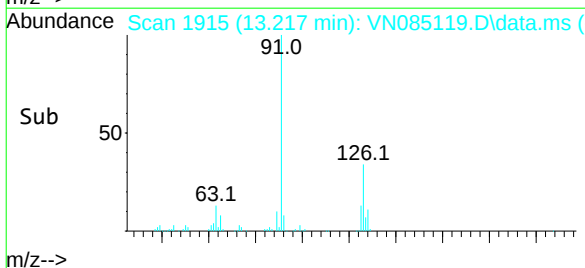
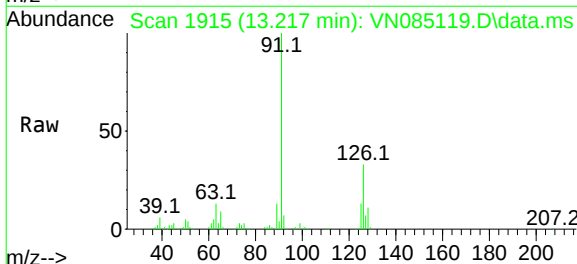
Acq: 06 Dec 2024 10:49

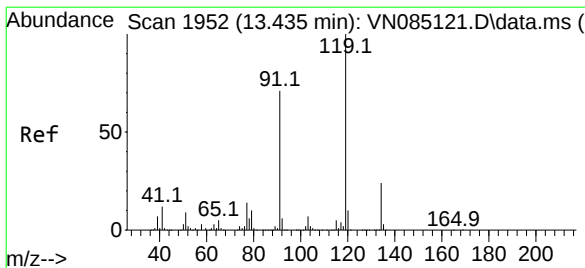
Tgt Ion: 91 Resp: 336818

Ion Ratio Lower Upper

91 100

126 33.2 0.0 64.4





#79

tert-butylbenzene

Concen: 50.365 ug/l

RT: 13.435 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:119 Resp: 324073

Ion Ratio Lower Upper

119 100

91 70.8 0.0 139.2

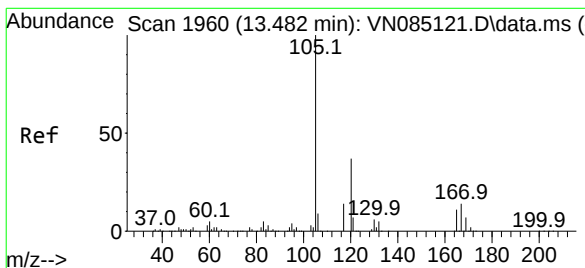
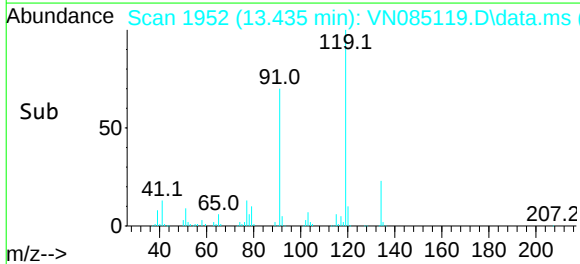
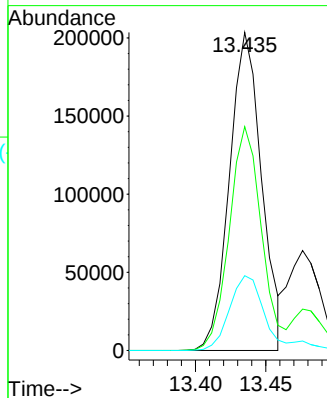
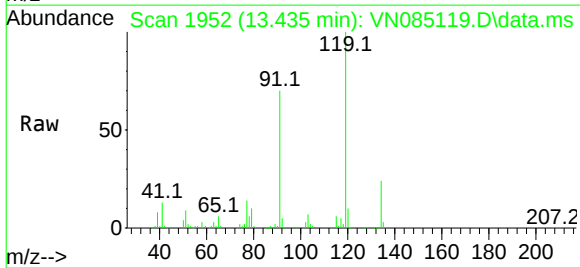
134 24.6 0.0 48.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024

Supervised By :Semsettin Yesilyurt 12/09/2024



#80

1,2,4-Trimethylbenzene

Concen: 51.207 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN085119.D

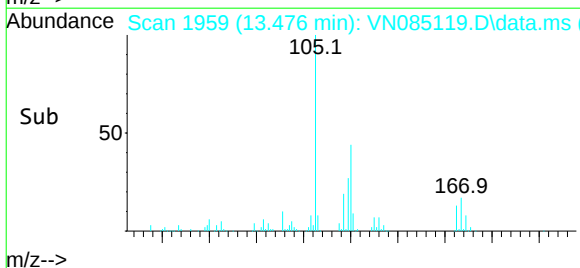
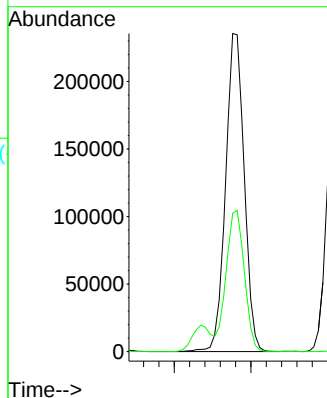
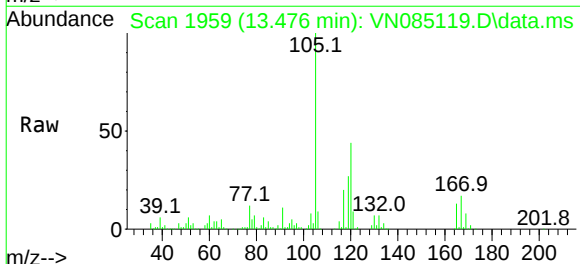
Acq: 06 Dec 2024 10:49

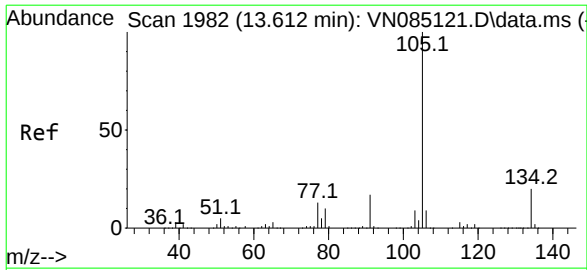
Tgt Ion:105 Resp: 396249

Ion Ratio Lower Upper

105 100

120 43.6 0.0 87.4





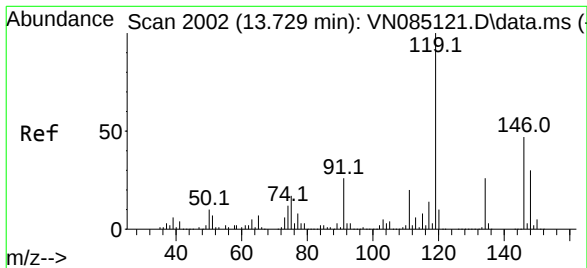
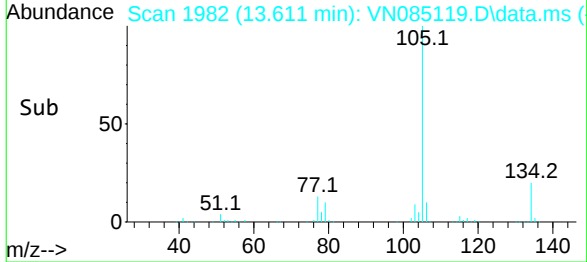
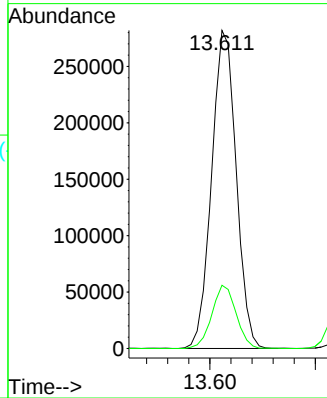
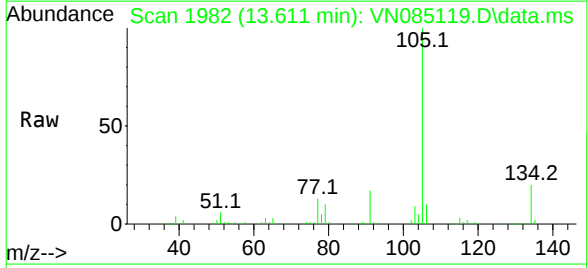
#81
sec-Butylbenzene
Concen: 49.942 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:105 Resp: 456540
Ion Ratio Lower Upper
105 100
134 19.6 0.0 38.0

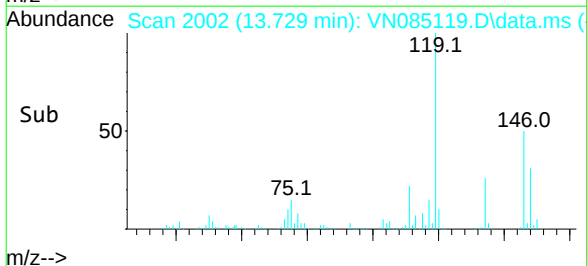
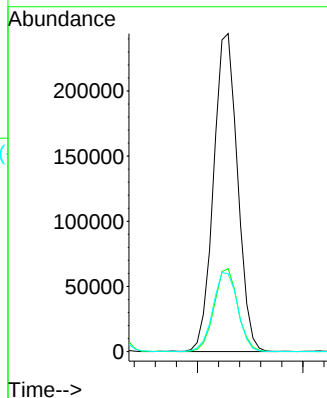
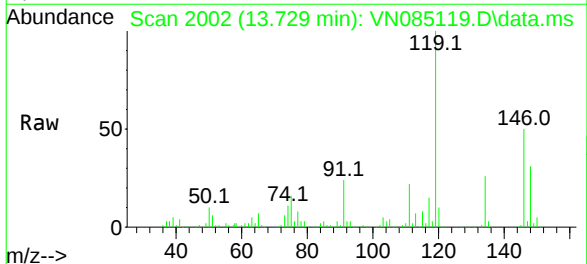
Manual Integrations
APPROVED

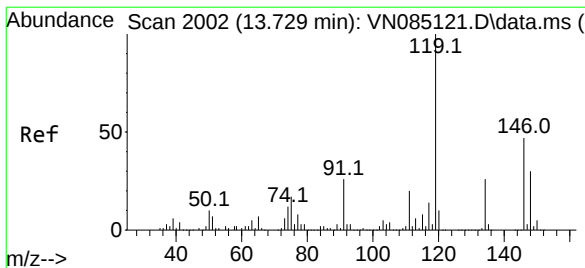
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#82
p-Isopropyltoluene
Concen: 50.937 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion:119 Resp: 386040
Ion Ratio Lower Upper
119 100
134 25.7 0.0 51.6
91 25.7 0.0 50.4





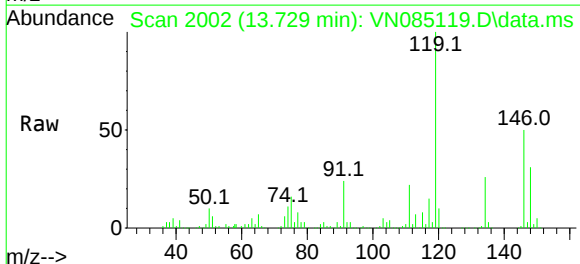
#83
1,3-Dichlorobenzene
Concen: 48.588 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

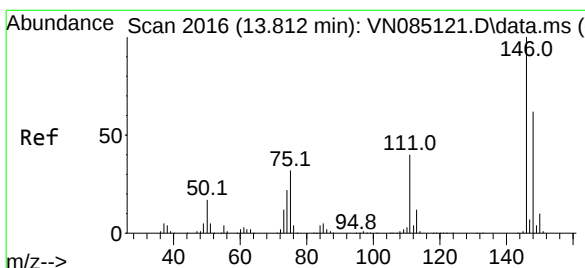
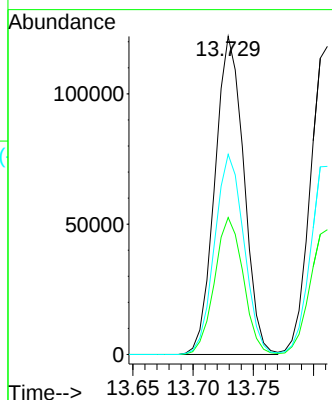
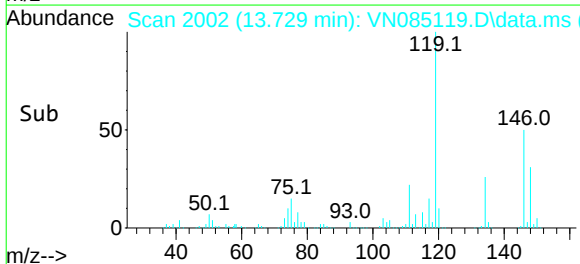


Tgt Ion:146 Resp: 204168
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.3
148 63.8 31.8 95.3

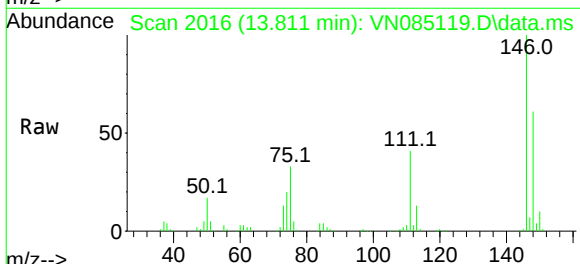
Manual Integrations

APPROVED

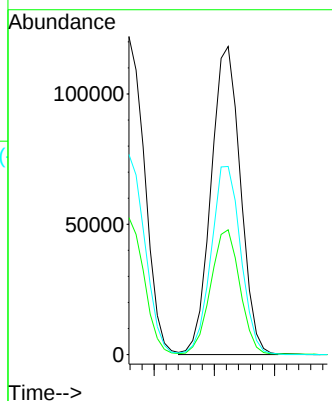
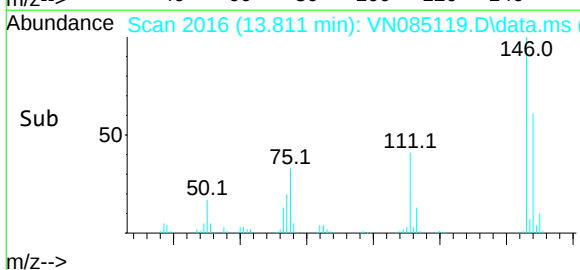
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

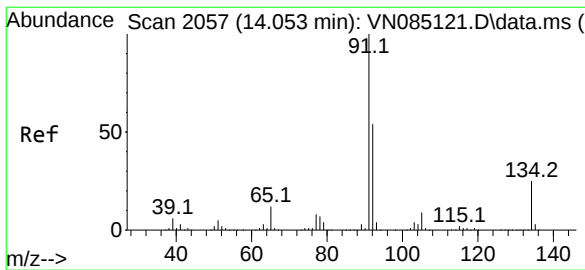


#84
1,4-Dichlorobenzene
Concen: 48.993 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49



Tgt Ion:146 Resp: 200637
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.3
148 61.7 31.6 94.7





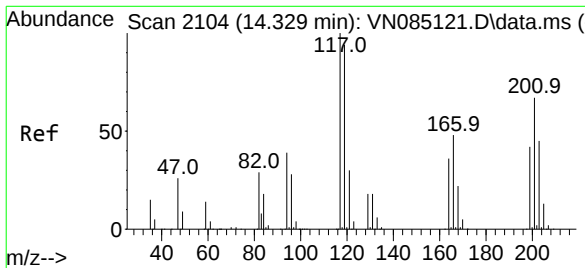
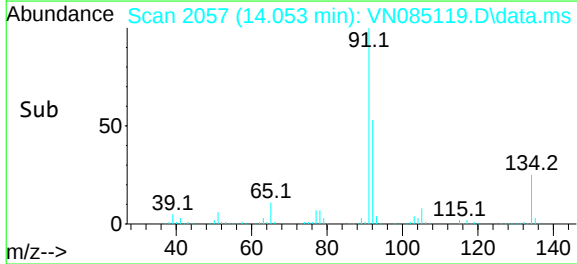
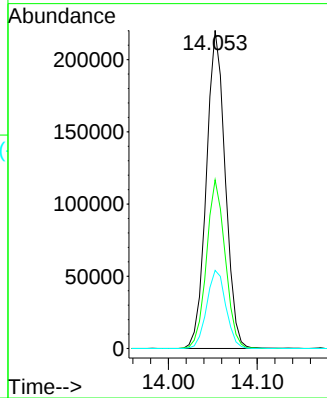
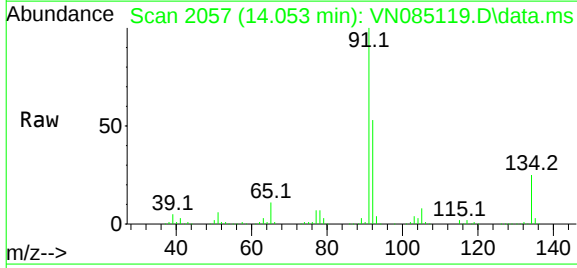
#85
n-Butylbenzene
Concen: 51.146 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:	91	Resp:	325144
Ion	Ratio	Lower	Upper
91	100		
92	52.5	0.0	104.0
134	24.9	0.0	49.2

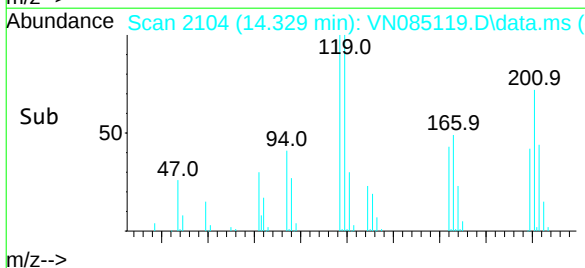
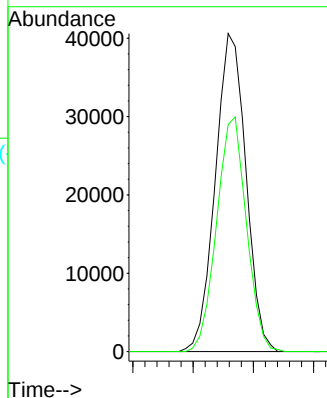
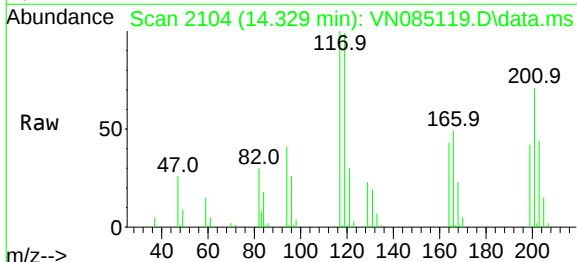
Manual Integrations
APPROVED

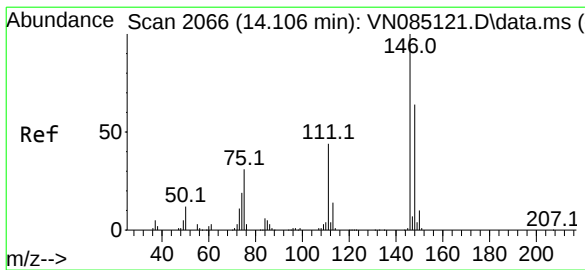
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#86
Hexachloroethane
Concen: 47.548 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion:	117	Resp:	71737
Ion	Ratio	Lower	Upper
117	100		
201	71.7	34.1	102.3





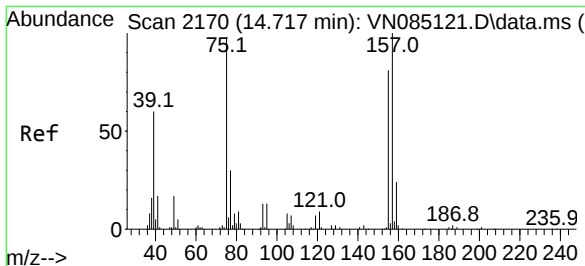
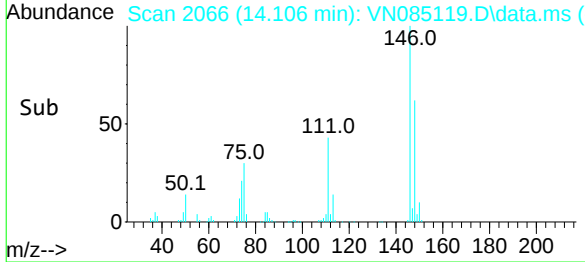
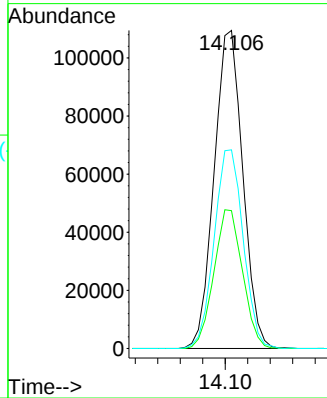
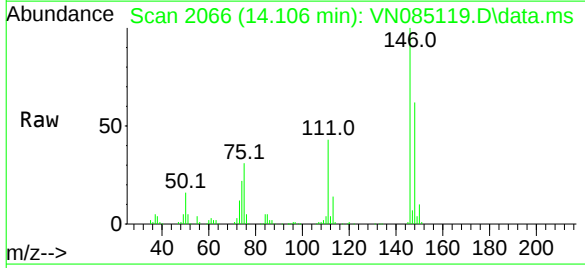
#87
1,2-Dichlorobenzene
Concen: 48.889 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:146 Resp: 193910
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.7
148 63.4 32.4 97.0

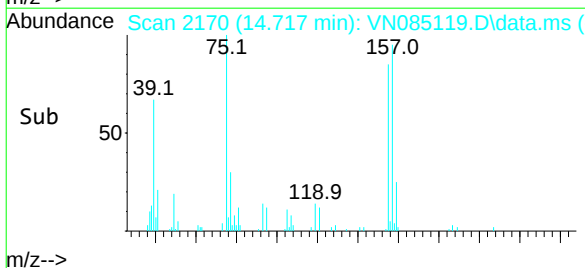
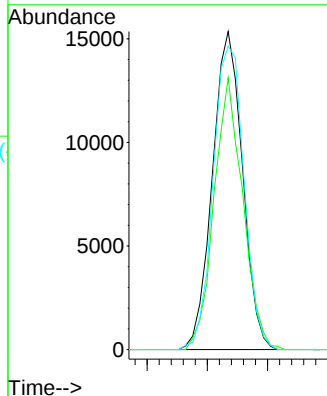
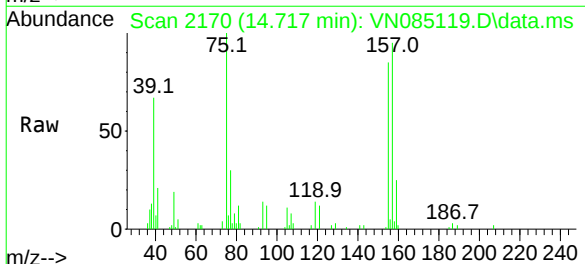
Manual Integrations
APPROVED

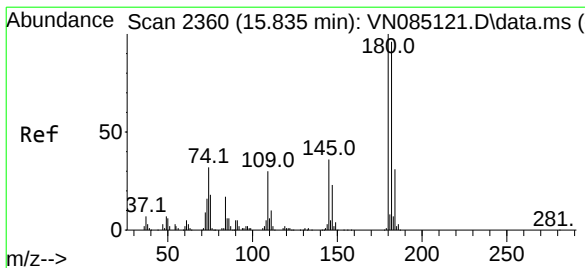
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 47.975 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085119.D
Acq: 06 Dec 2024 10:49

Tgt Ion: 75 Resp: 26674
Ion Ratio Lower Upper
75 100
155 81.6 62.1 93.1
157 97.8 79.3 118.9





#89

1,2,4-Trichlorobenzene

Concen: 49.499 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

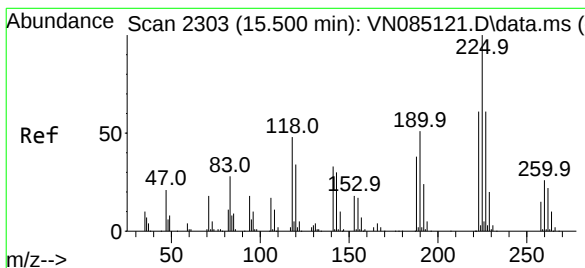
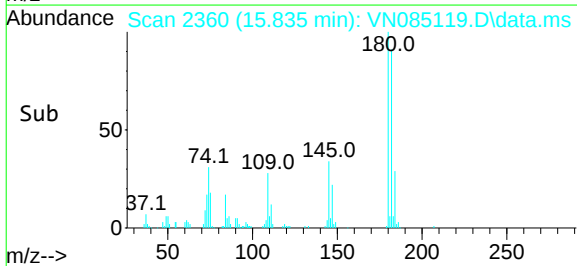
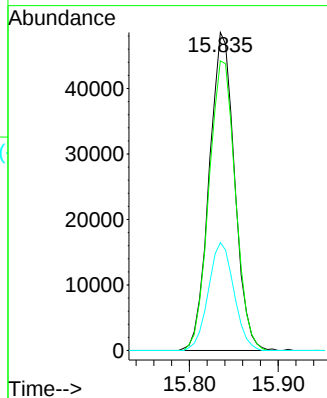
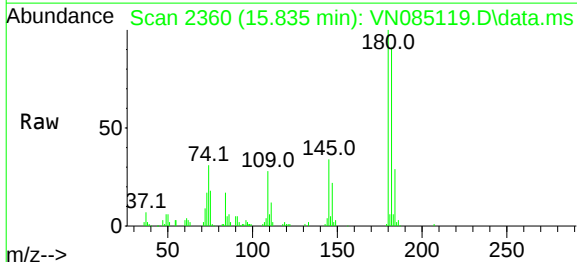
VSTDICC050

Tgt Ion:	180	Resp:	96150
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.0	111.0
145	34.3	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#90

Hexachlorobutadiene

Concen: 45.354 ug/l

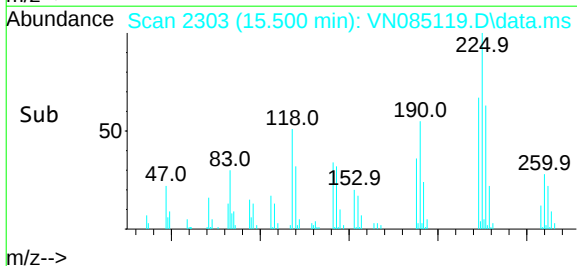
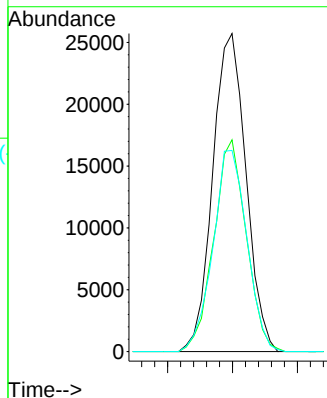
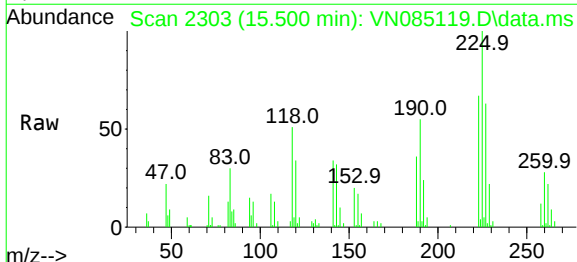
RT: 15.500 min Scan# 2303

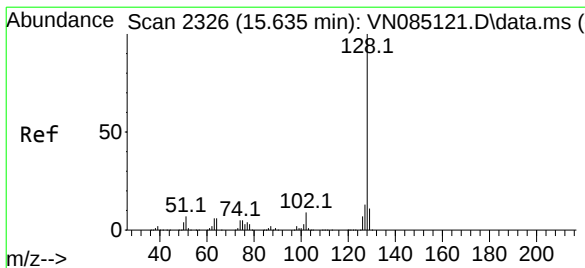
Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Tgt Ion:	225	Resp:	45780
Ion Ratio	Lower	Upper	
225	100		
223	64.9	0.0	121.8
227	64.6	0.0	126.8





#91

Naphthalene

Concen: 51.498 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

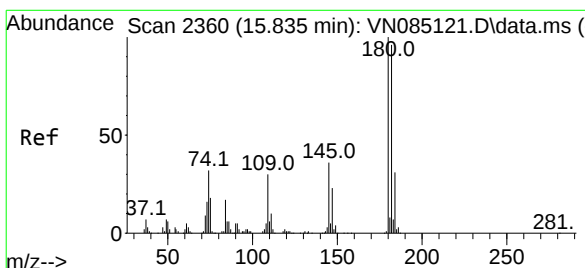
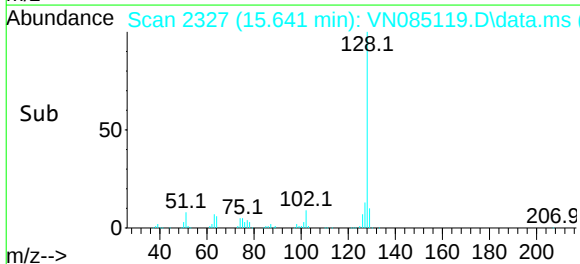
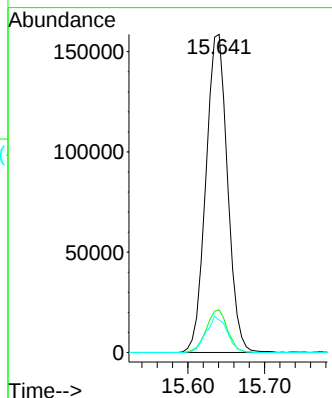
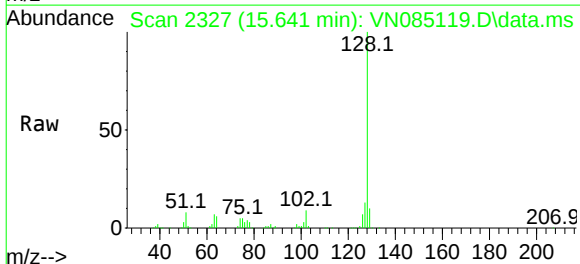
VSTDIC050

Tgt Ion:	128	Resp:	310785
Ion Ratio	Lower	Upper	
128	100		
127	13.2	11.0	16.4
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#92

1,2,3-Trichlorobenzene

Concen: 49.499 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085119.D

Acq: 06 Dec 2024 10:49

Tgt Ion:	180	Resp:	96150
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	185.0
145	34.3	0.0	71.6

