

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085465.D
 Acq On : 16 Jan 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 01:01:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	199641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	176373	54.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.460%
35) Dibromofluoromethane	8.165	113	128891	54.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.700%
50) Toluene-d8	10.565	98	477022	57.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	114.260%#
62) 4-Bromofluorobenzene	12.847	95	167696	58.717	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	135218	50.024	ug/l	98
3) Chloromethane	2.359	50	138365	47.277	ug/l	98
4) Vinyl Chloride	2.512	62	141359	48.053	ug/l	96
5) Bromomethane	2.954	94	83354	46.909	ug/l	100
6) Chloroethane	3.124	64	94821	50.841	ug/l	100
7) Trichlorofluoromethane	3.501	101	216532	50.729	ug/l	99
8) Diethyl Ether	3.959	74	67435	45.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	123916	51.543	ug/l	99
10) Methyl Iodide	4.589	142	141843	51.520	ug/l	97
11) Tert butyl alcohol	5.506	59	93089	252.266	ug/l	100
12) 1,1-Dichloroethene	4.348	96	107679	50.256	ug/l	97
13) Acrolein	4.177	56	163290	324.159	ug/l	100
14) Allyl chloride	5.024	41	167024	48.040	ug/l	99
15) Acrylonitrile	5.712	53	305670	260.789	ug/l	100
16) Acetone	4.418	43	257757	247.544	ug/l	97
17) Carbon Disulfide	4.712	76	306142	46.406	ug/l	99
18) Methyl Acetate	5.018	43	161078	50.873	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	370180	53.208	ug/l	98
20) Methylene Chloride	5.271	84	127429	49.435	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	117249	51.204	ug/l	98
22) Diisopropyl ether	6.665	45	415811	53.883	ug/l	98
23) Vinyl Acetate	6.600	43	1493965	276.633	ug/l	100
24) 1,1-Dichloroethane	6.565	63	239348	50.866	ug/l	99
25) 2-Butanone	7.477	43	395805	258.307	ug/l	100
26) 2,2-Dichloropropane	7.483	77	202496	53.228	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	139435	51.700	ug/l	99
28) Bromochloromethane	7.806	49	111934	51.131	ug/l	99
29) Tetrahydrofuran	7.836	42	267770	275.630	ug/l	99
30) Chloroform	7.959	83	248378	51.073	ug/l	97
31) Cyclohexane	8.253	56	198743	48.594	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	217366	50.955	ug/l	99
36) 1,1-Dichloropropene	8.365	75	167734	50.859	ug/l	99
37) Ethyl Acetate	7.553	43	170946	51.352	ug/l	100
38) Carbon Tetrachloride	8.353	117	191926	50.832	ug/l	98
39) Methylcyclohexane	9.594	83	170717	55.085	ug/l	99
40) Benzene	8.600	78	518597	52.334	ug/l	99

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Manual Integrations
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Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	93303	53.873	ug/l	98
42) 1,2-Dichloroethane	8.665	62	194220	52.039	ug/l	99
43) Isopropyl Acetate	8.683	43	277304	51.988	ug/l	99
44) Trichloroethene	9.347	130	112130	48.611	ug/l	91
45) 1,2-Dichloropropane	9.618	63	133267	52.651	ug/l	98
46) Dibromomethane	9.706	93	93287	51.078	ug/l	99
47) Bromodichloromethane	9.882	83	196530	52.818	ug/l	99
48) Methyl methacrylate	9.677	41	133128	55.460	ug/l	98
49) 1,4-Dioxane	9.688	88	40722	1007.401	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	868635	280.635	ug/l	100
52) Toluene	10.624	92	319722	55.684	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	191792	54.543	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	203202	54.100	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	118849	52.304	ug/l	95
56) Ethyl methacrylate	10.871	69	185312	48.474	ug/l	99
57) 1,3-Dichloropropane	11.159	76	207443	52.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	428511	297.169	ug/l	100
59) 2-Hexanone	11.188	43	626022	287.441	ug/l	100
60) Dibromochloromethane	11.359	129	144841	52.798	ug/l	99
61) 1,2-Dibromoethane	11.465	107	116171	51.361	ug/l	99
64) Tetrachloroethene	11.100	164	105380	50.775	ug/l	98
65) Chlorobenzene	11.888	112	335733	50.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	123970	50.647	ug/l	98
67) Ethyl Benzene	11.959	91	599634	55.203	ug/l	99
68) m/p-Xylenes	12.065	106	461597	114.982	ug/l	100
69) o-Xylene	12.394	106	213833	55.736	ug/l	99
70) Styrene	12.406	104	373173	58.773	ug/l	99
71) Bromoform	12.576	173	92987	53.094	ug/l #	99
73) Isopropylbenzene	12.694	105	552186	53.105	ug/l	100
74) N-amyl acetate	12.488	43	241933	51.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	172681	47.013	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	139741m	44.626	ug/l	
77) Bromobenzene	12.976	156	133783	49.246	ug/l	99
78) n-propylbenzene	13.029	91	676228	54.935	ug/l	100
79) 2-Chlorotoluene	13.123	91	412865	51.824	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	476484	55.477	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	59768	51.641	ug/l	99
82) 4-Chlorotoluene	13.218	91	412584	52.013	ug/l	99
83) tert-Butylbenzene	13.435	119	387308	53.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	483293	56.458	ug/l	100
85) sec-Butylbenzene	13.612	105	555200	55.539	ug/l	100
86) p-Isopropyltoluene	13.723	119	461811	51.156	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	254498	50.869	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	247321	47.693	ug/l	99
89) n-Butylbenzene	14.053	91	388032	54.107	ug/l	99
90) Hexachloroethane	14.329	117	91177	47.911	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	241778	48.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31679	47.231	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	111351	48.009	ug/l	96
94) Hexachlorobutadiene	15.494	225	54999	44.665	ug/l	98
95) Naphthalene	15.635	128	337055	48.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	110163	46.941	ug/l	98

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ClientSampleId :
VSTDCCC050

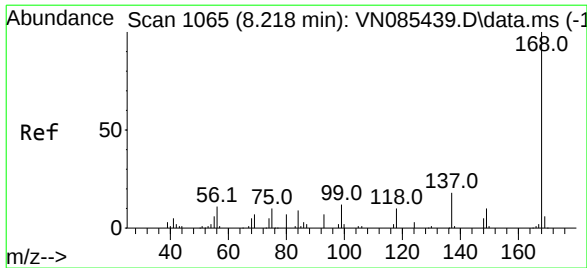
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:01:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

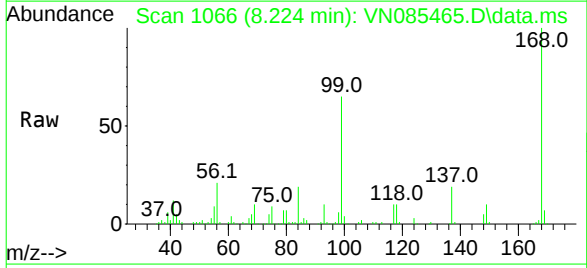
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085465.D
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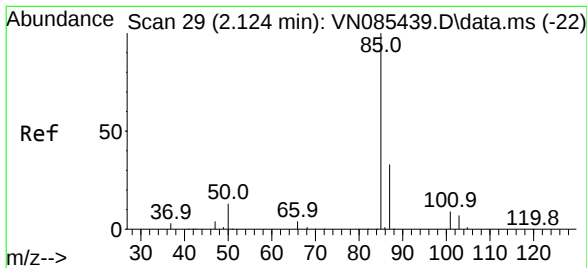
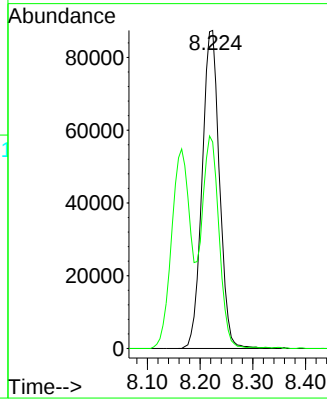
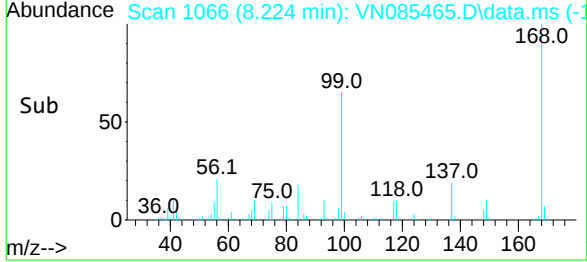
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 199641
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4

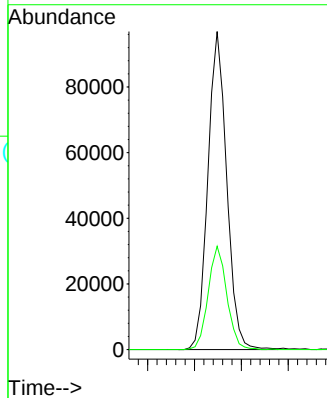
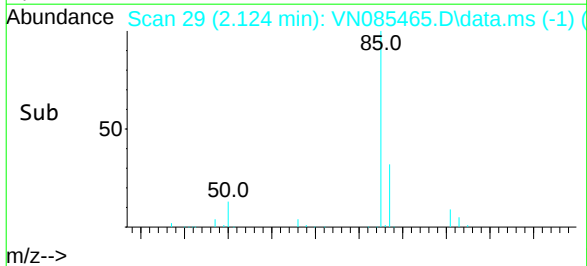
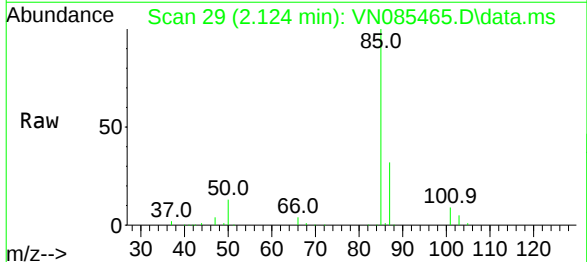
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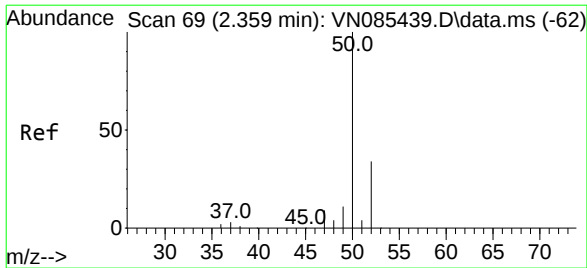
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#2
Dichlorodifluoromethane
Concen: 50.024 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 85 Resp: 135218
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





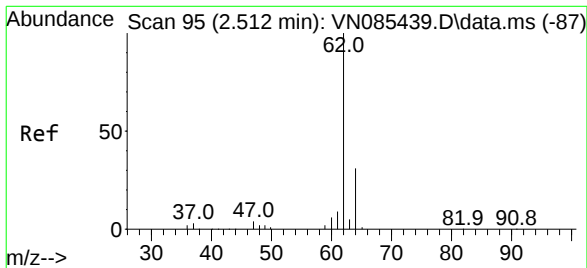
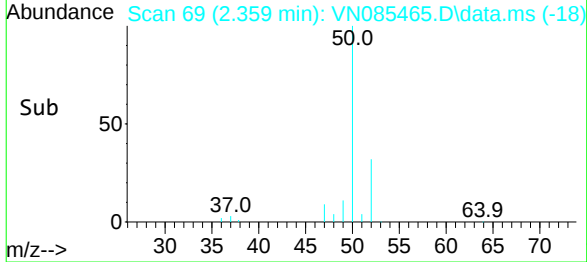
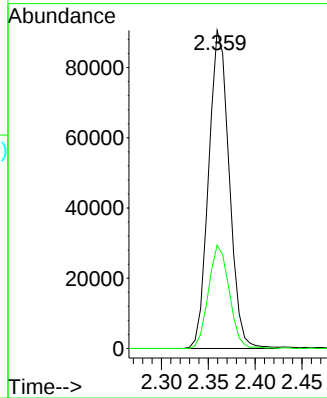
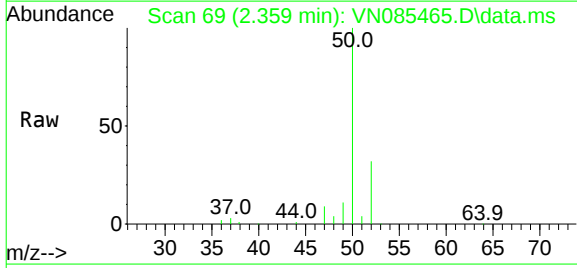
#3
Chloromethane
Concen: 47.277 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 138365
Ion Ratio Lower Upper
50 100
52 32.5 27.0 40.6

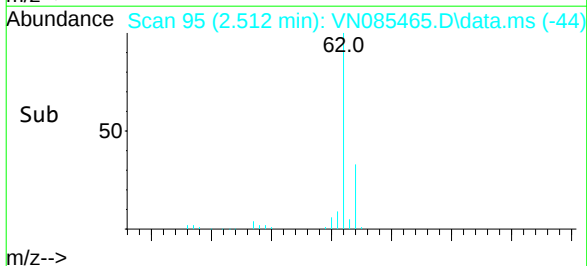
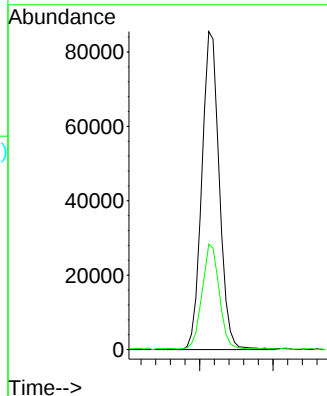
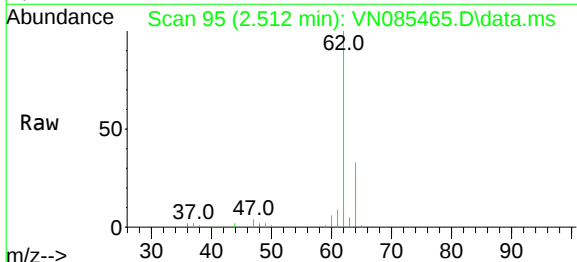
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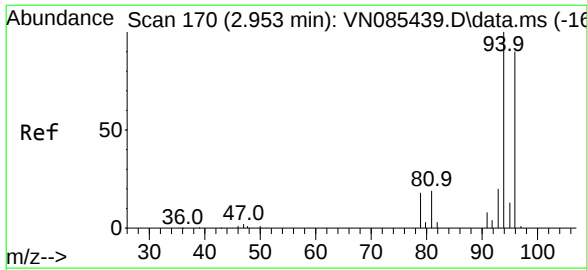
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#4
Vinyl Chloride
Concen: 48.053 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

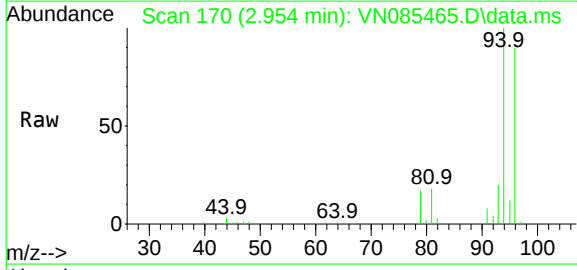
Tgt Ion: 62 Resp: 141359
Ion Ratio Lower Upper
62 100
64 33.1 24.8 37.2





#5
Bromomethane
Concen: 46.909 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

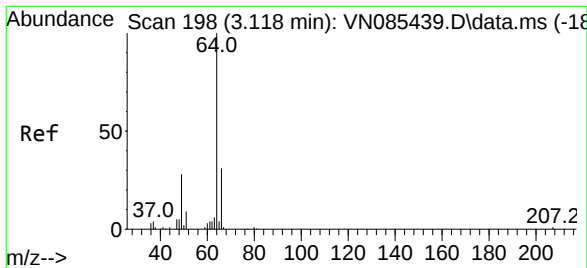
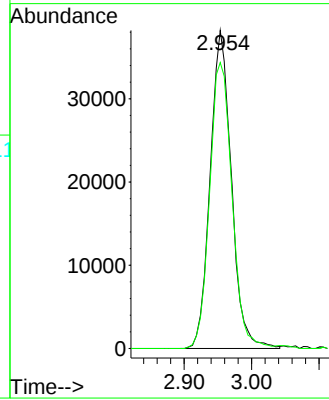
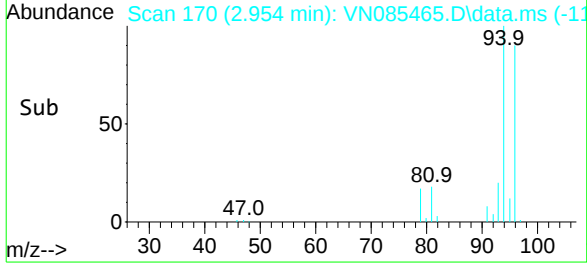
Instrument :
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Tgt Ion: 94 Resp: 83354
Ion Ratio Lower Upper
94 100
96 89.9 71.8 107.6

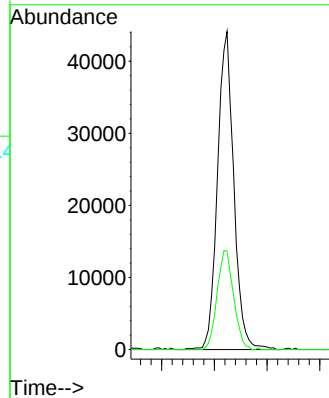
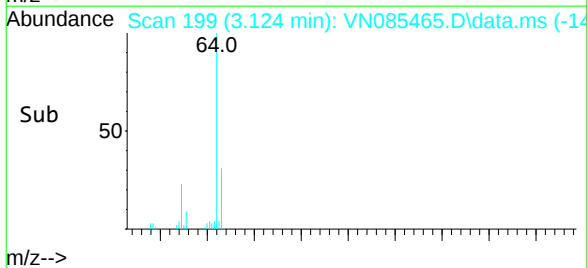
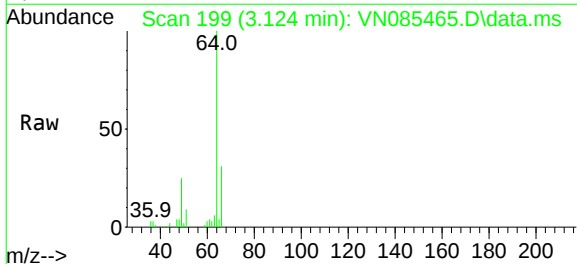
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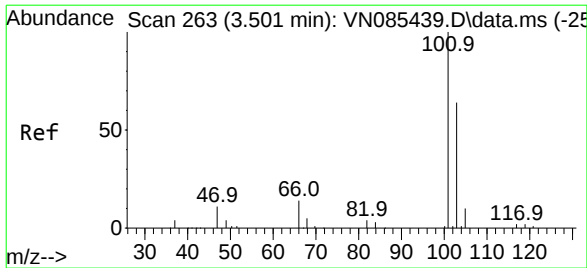
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#6
Chloroethane
Concen: 50.841 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 64 Resp: 94821
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7

Trichlorofluoromethane

Concen: 50.729 ug/l

RT: 3.501 min Scan# 26

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 216532

Ion Ratio Lower Upper

101 100

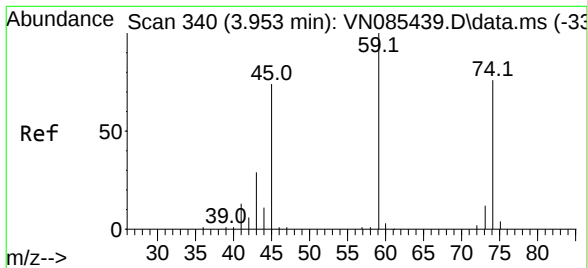
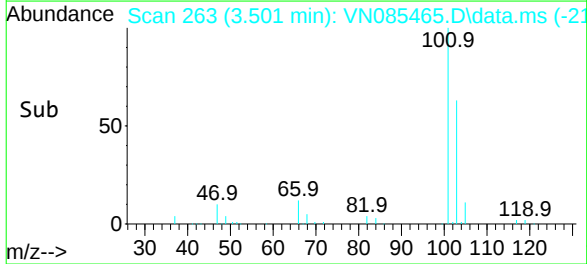
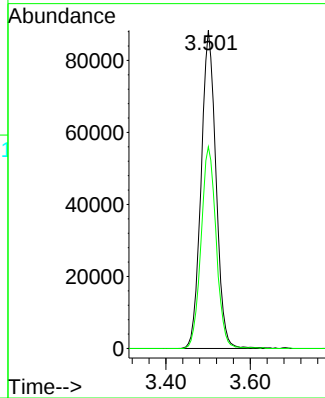
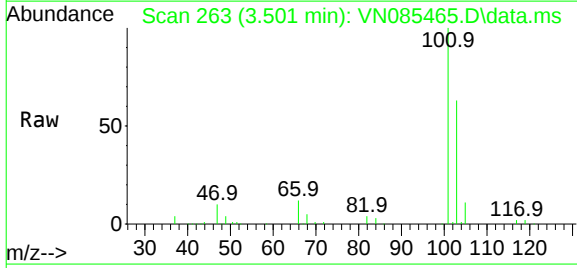
103 63.4 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#8

Diethyl Ether

Concen: 45.732 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.006 min

Lab File: VN085465.D

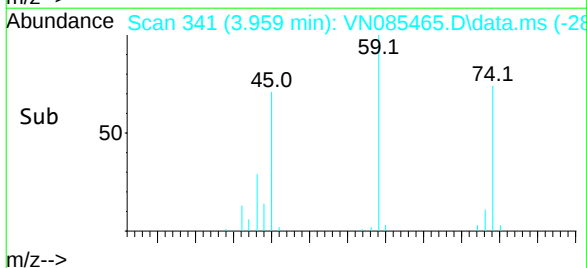
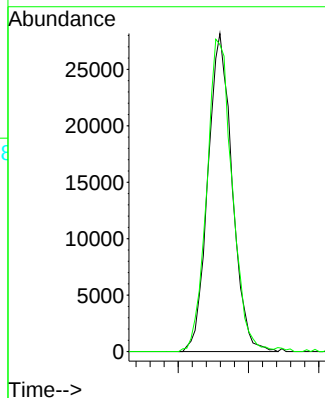
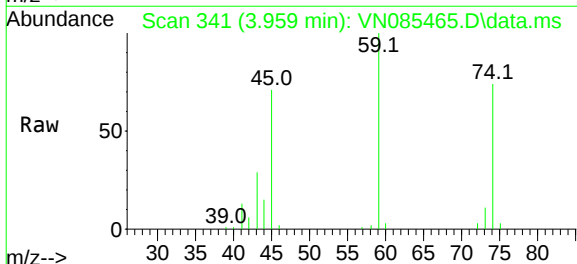
Acq: 16 Jan 2025 12:30

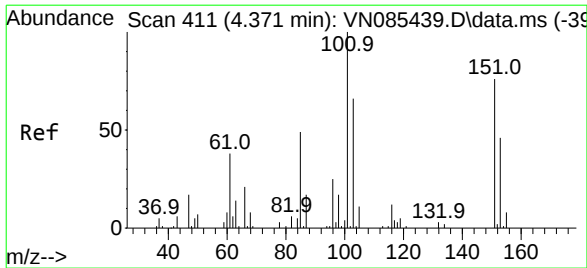
Tgt Ion: 74 Resp: 67435

Ion Ratio Lower Upper

74 100

45 103.0 49.7 149.1





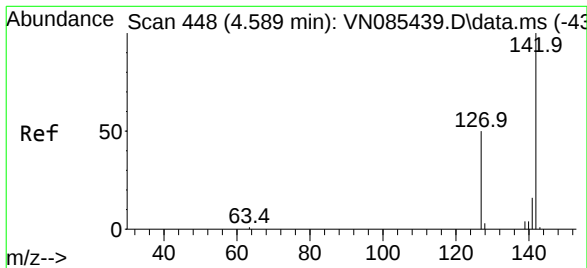
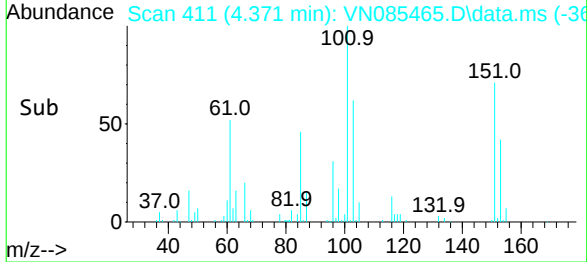
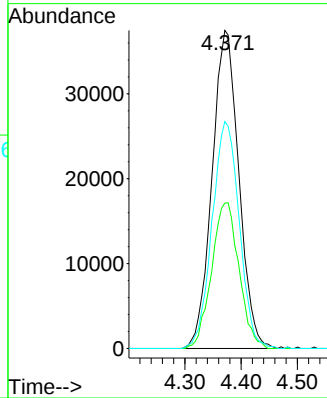
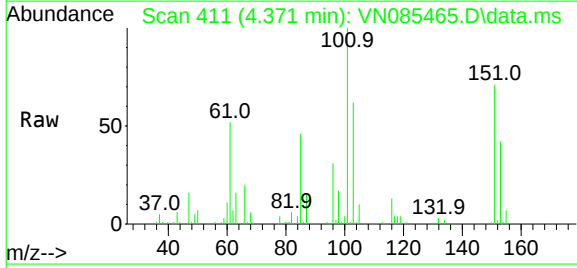
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.543 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 123916
Ion Ratio Lower Upper
101 100
85 46.8 37.8 56.8
151 72.4 58.8 88.2

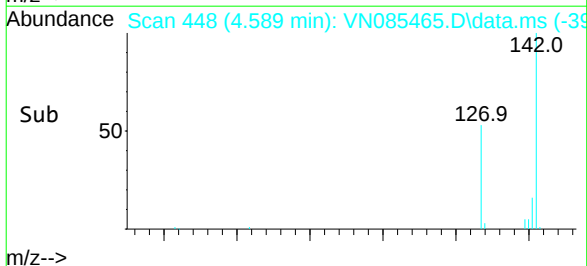
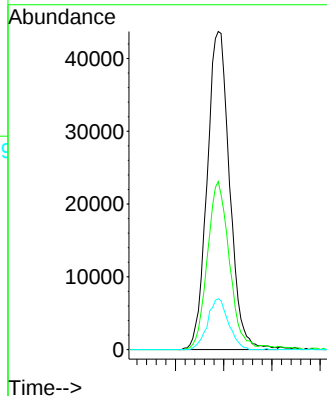
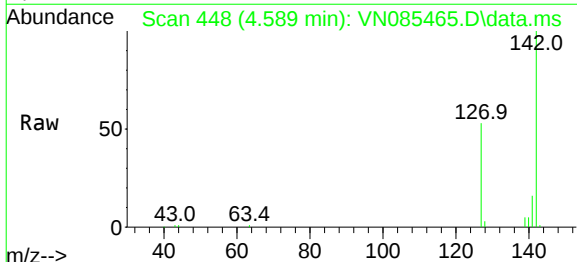
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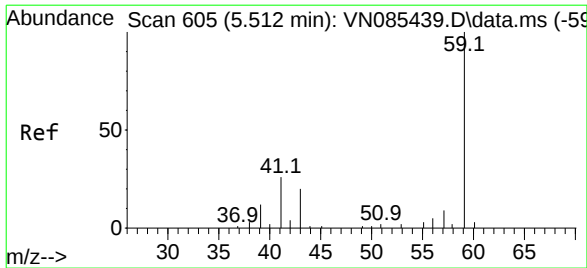
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
Methyl Iodide
Concen: 51.520 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:142 Resp: 141843
Ion Ratio Lower Upper
142 100
127 52.8 40.3 60.5
141 16.0 12.8 19.2





#11

Tert butyl alcohol

Concen: 252.266 ug/l

RT: 5.506 min Scan# 60

Delta R.T. -0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 93089

Ion Ratio Lower Upper

59 100

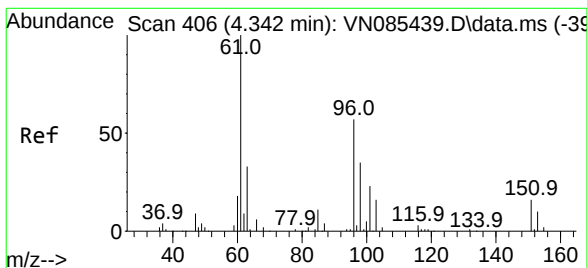
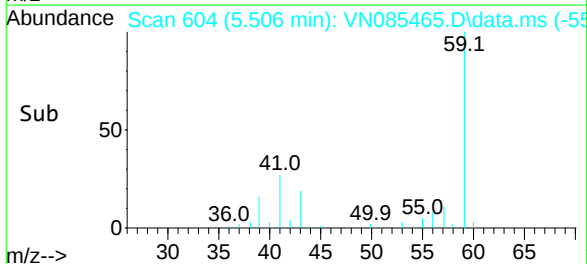
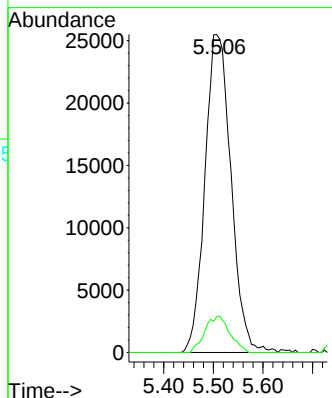
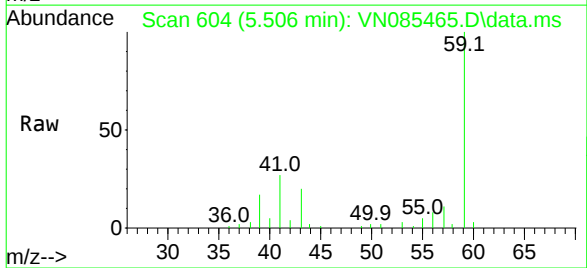
57 11.0 8.6 13.0

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#12

1,1-Dichloroethene

Concen: 50.256 ug/l

RT: 4.348 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

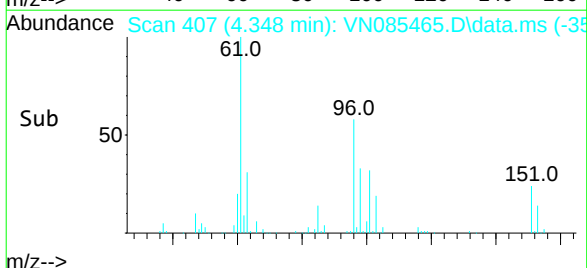
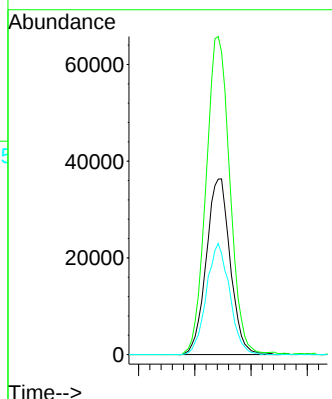
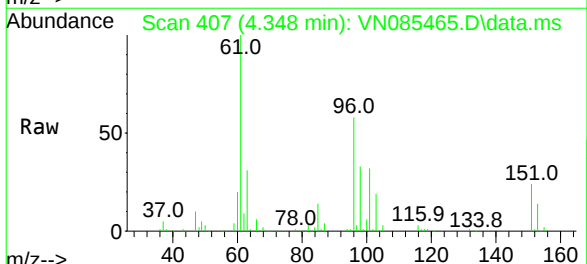
Tgt Ion: 96 Resp: 107679

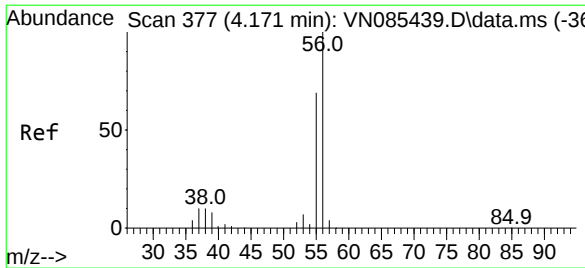
Ion Ratio Lower Upper

96 100

61 172.3 141.0 211.4

98 57.5 49.0 73.6





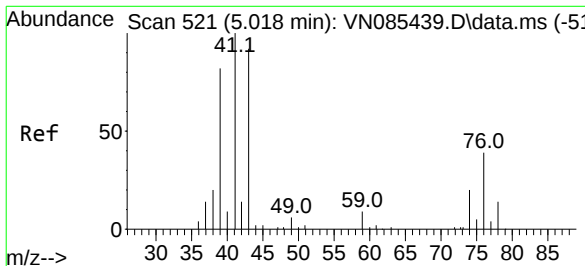
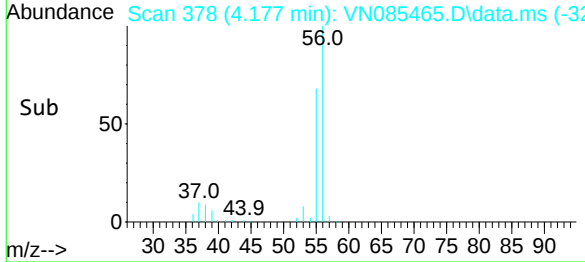
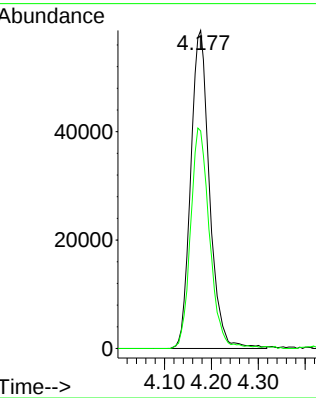
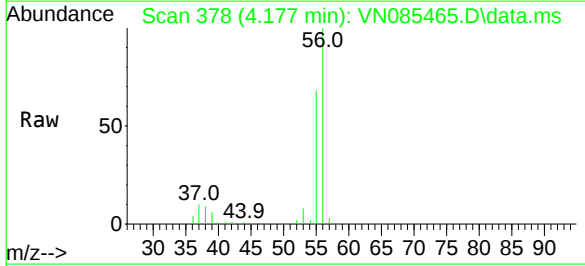
#13
Acrolein
Concen: 324.159 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 163290
Ion Ratio Lower Upper
56 100
55 70.1 56.3 84.5

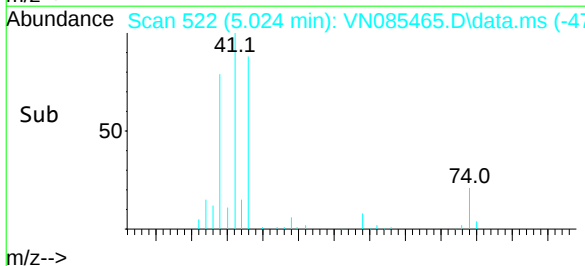
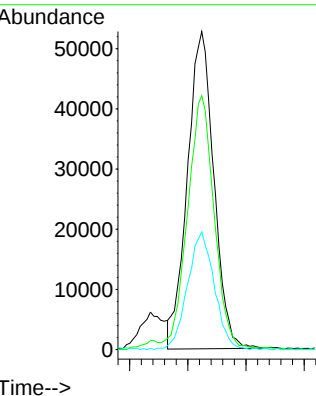
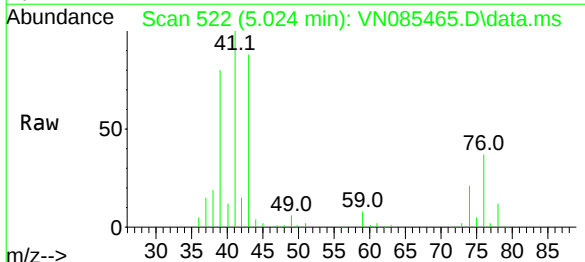
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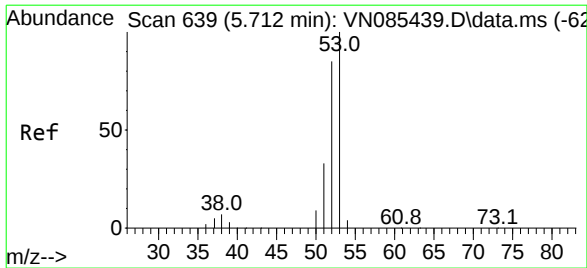
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#14
Allyl chloride
Concen: 48.040 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

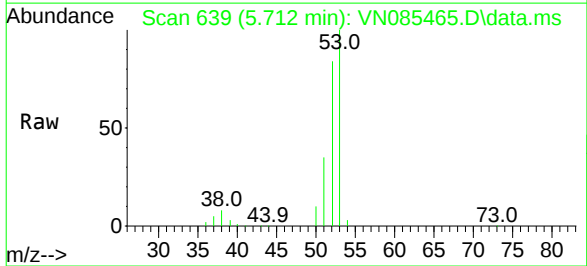
Tgt Ion: 41 Resp: 167024
Ion Ratio Lower Upper
41 100
39 79.6 64.4 96.6
76 37.4 30.5 45.7





#15
Acrylonitrile
Concen: 260.789 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

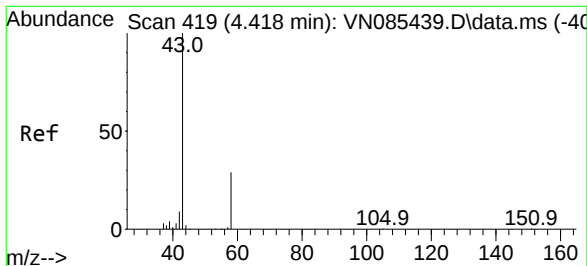
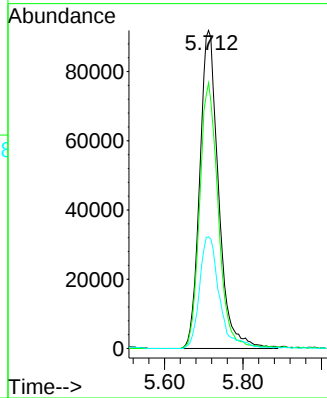
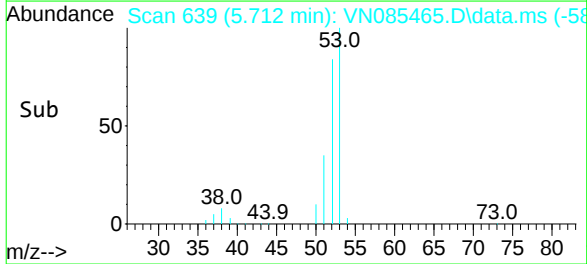
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 305670
Ion Ratio Lower Upper
53 100
52 82.1 65.5 98.3
51 37.4 29.8 44.8

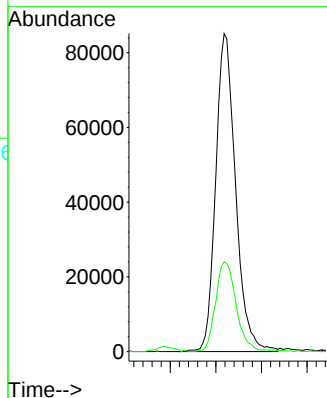
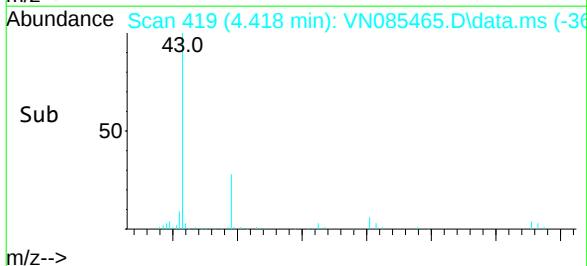
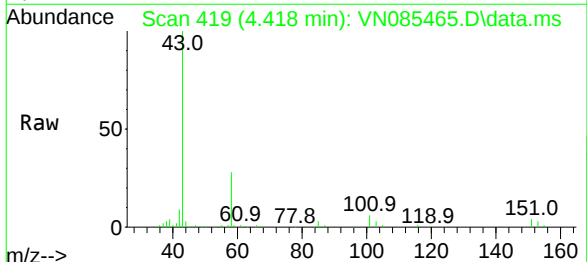
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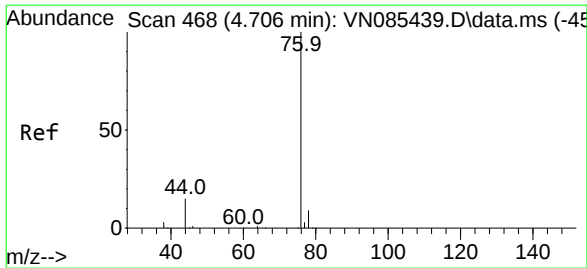
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#16
Acetone
Concen: 247.544 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 43 Resp: 257757
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.6





#17

Carbon Disulfide

Concen: 46.406 ug/l

RT: 4.712 min Scan# 468

Delta R.T. 0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 306142

Ion Ratio Lower Upper

76 100

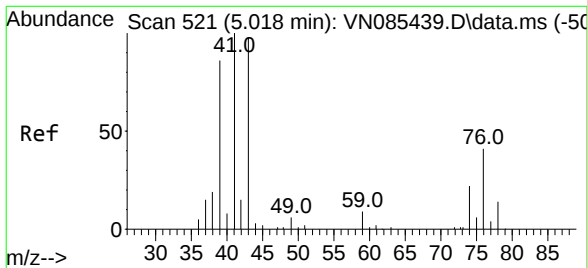
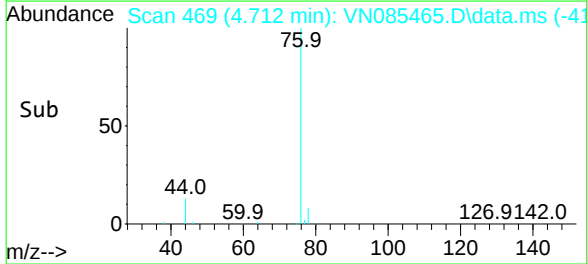
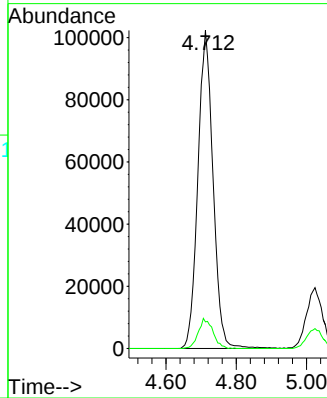
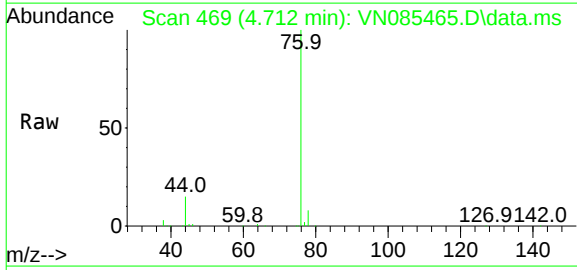
78 8.4 6.9 10.3

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#18

Methyl Acetate

Concen: 50.873 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085465.D

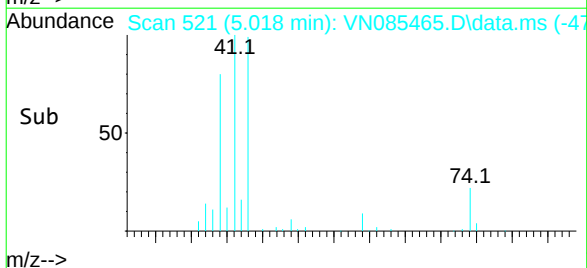
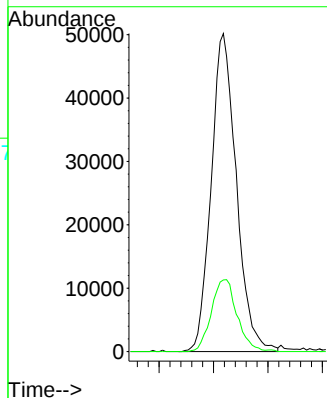
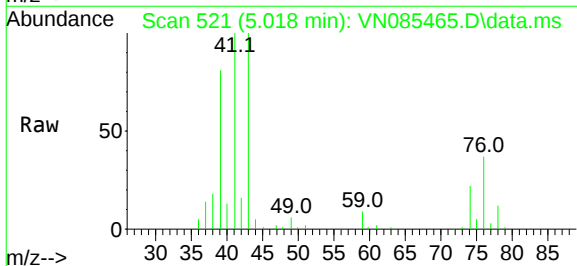
Acq: 16 Jan 2025 12:30

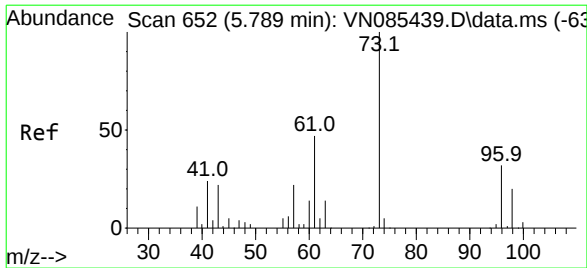
Tgt Ion: 43 Resp: 161078

Ion Ratio Lower Upper

43 100

74 23.0 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 53.208 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 370180

Ion Ratio Lower Upper

73 100

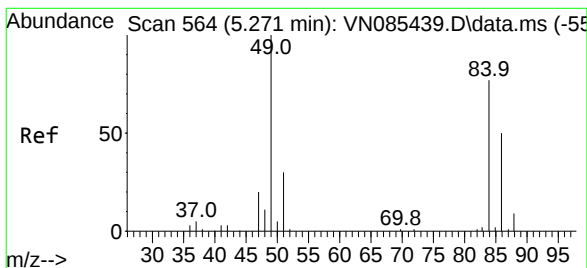
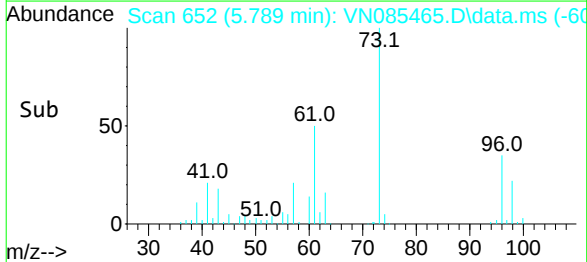
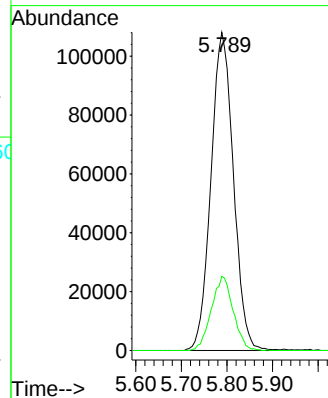
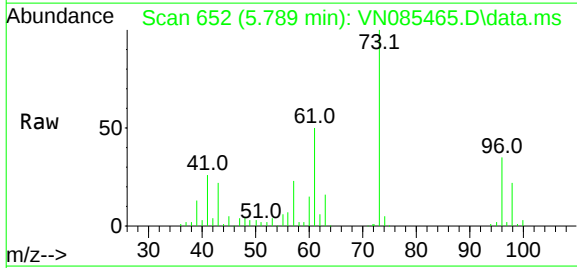
57 23.3 17.8 26.8

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#20

Methylene Chloride

Concen: 49.435 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion: 84 Resp: 127429

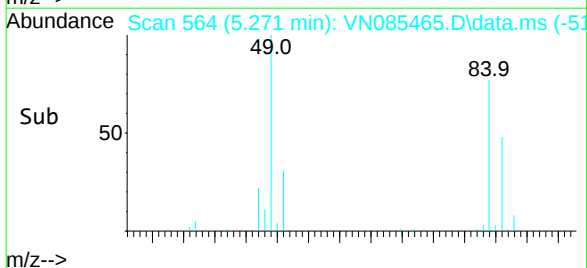
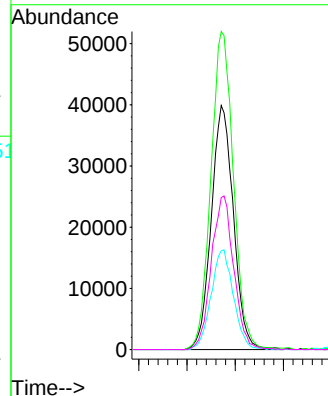
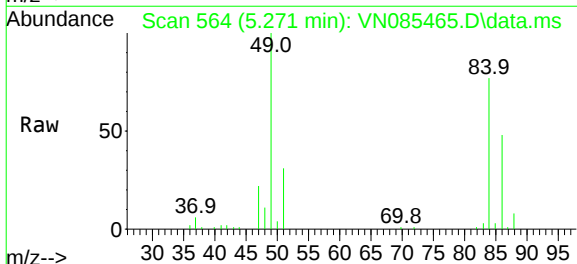
Ion Ratio Lower Upper

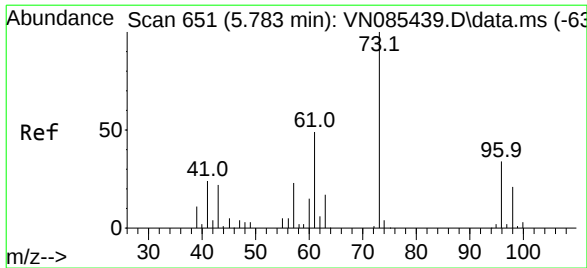
84 100

49 130.3 104.1 156.1

51 40.5 31.0 46.4

86 62.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 51.204 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 117249

Ion Ratio Lower Upper

96 100

61 146.2 115.7 173.5

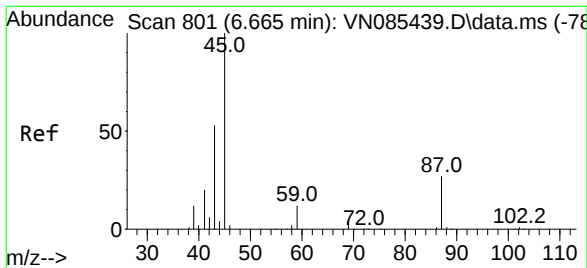
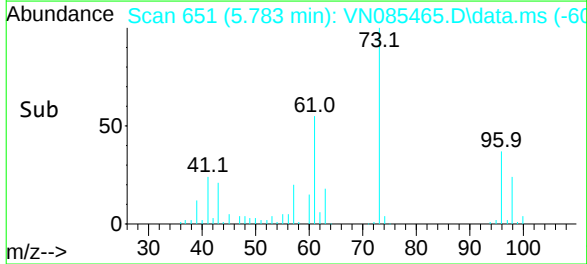
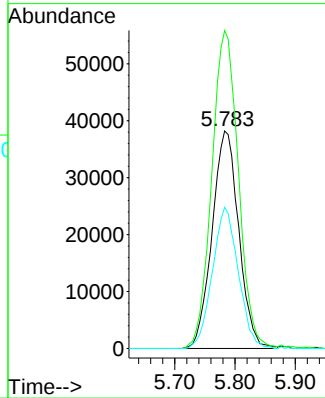
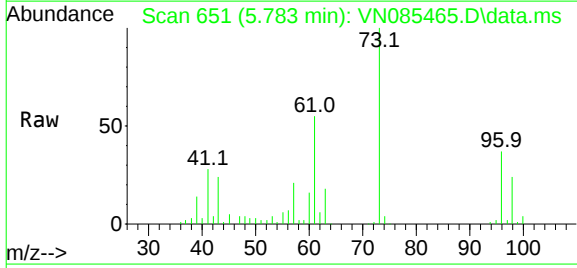
98 64.9 49.8 74.8

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#22

Diisopropyl ether

Concen: 53.883 ug/l

RT: 6.665 min Scan# 801

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion: 45 Resp: 415811

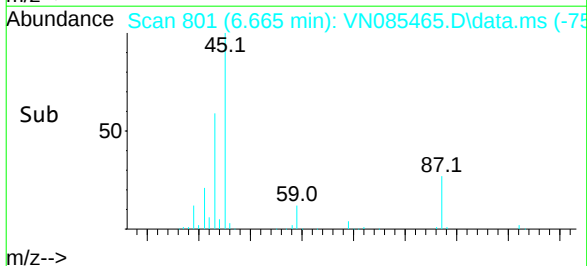
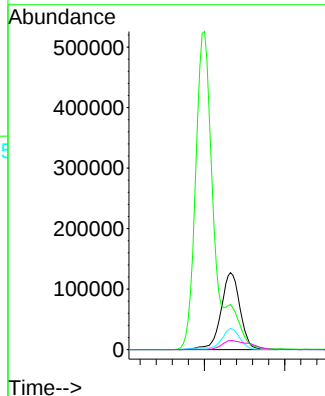
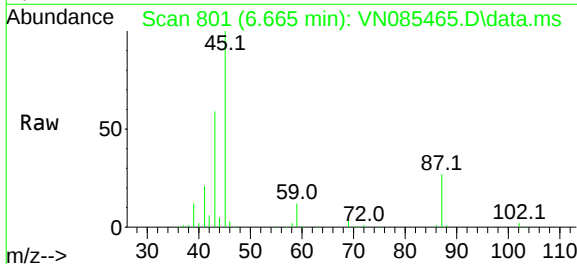
Ion Ratio Lower Upper

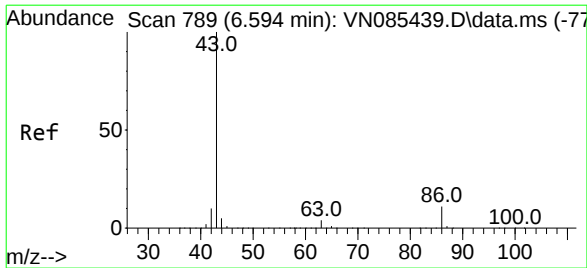
45 100

43 57.8 45.0 67.6

87 27.3 21.8 32.8

59 11.6 10.2 15.2





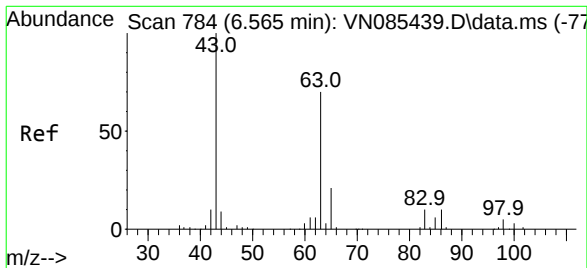
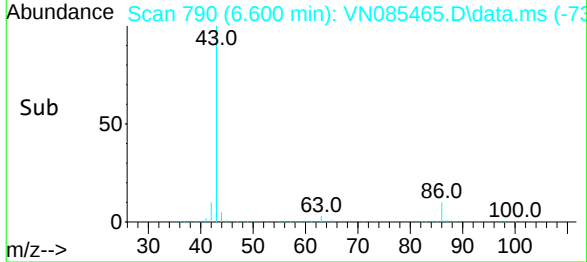
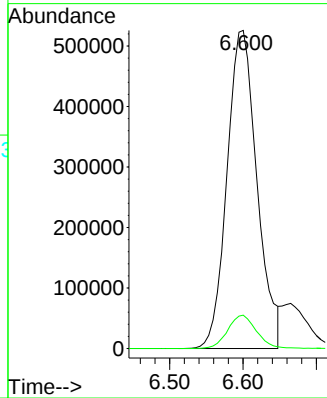
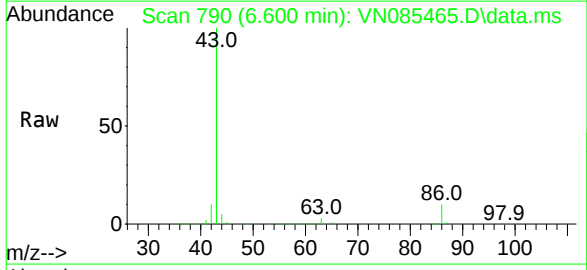
#23
 Vinyl Acetate
 Concen: 276.633 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1493965
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

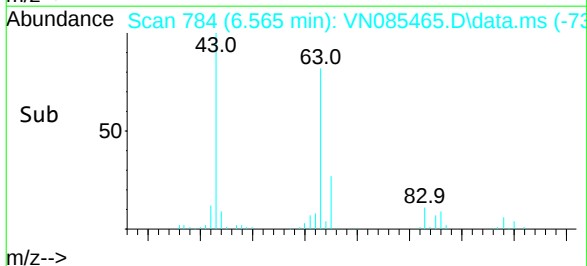
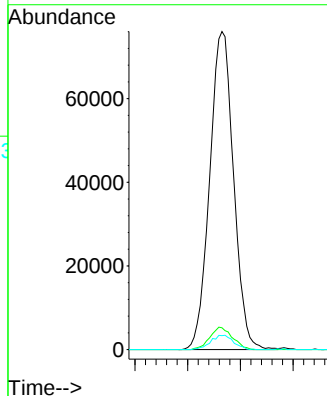
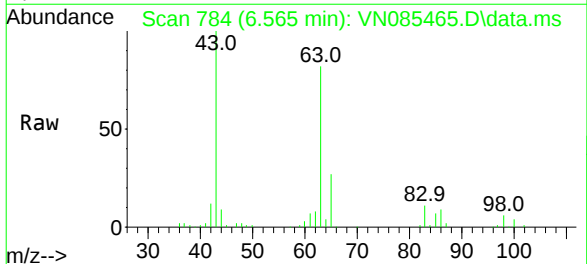
Manual Integrations
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Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#24
 1,1-Dichloroethane
 Concen: 50.866 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion: 63 Resp: 239348
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.0 6.0





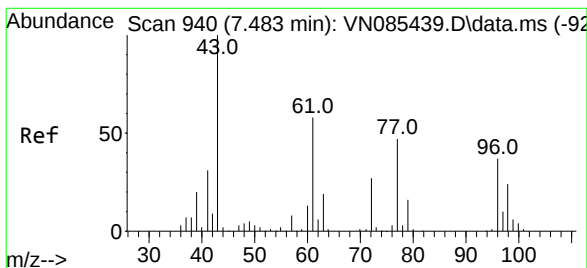
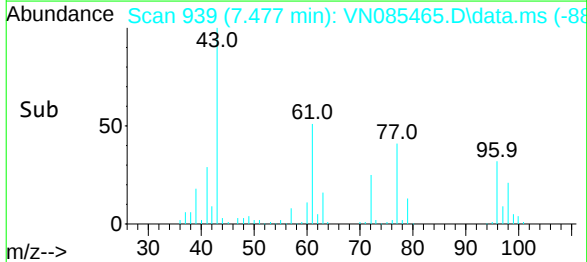
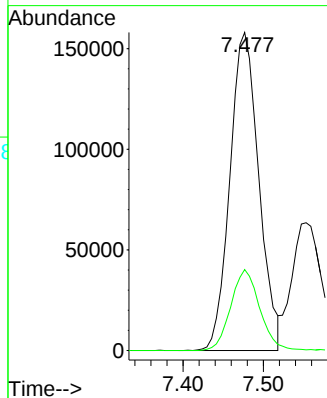
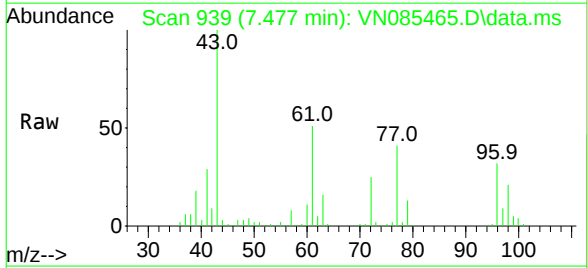
#25
2-Butanone
Concen: 258.307 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 395805
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4

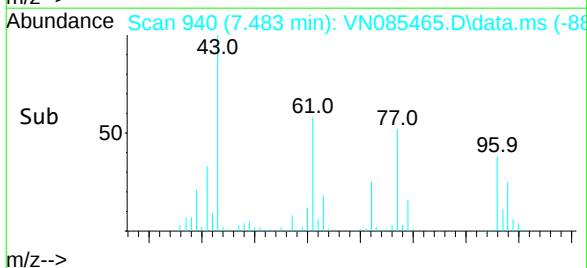
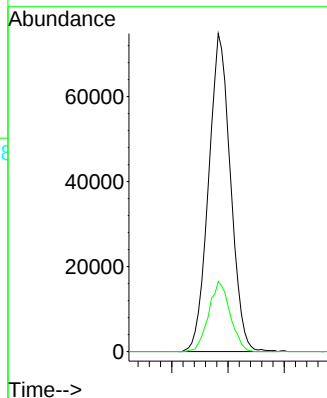
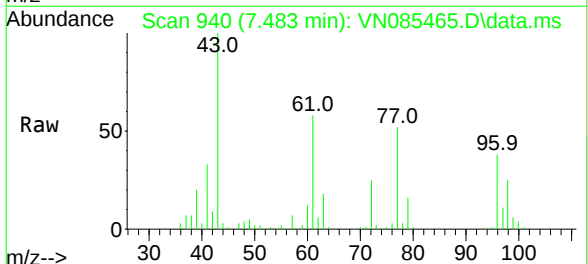
Manual Integrations
APPROVED

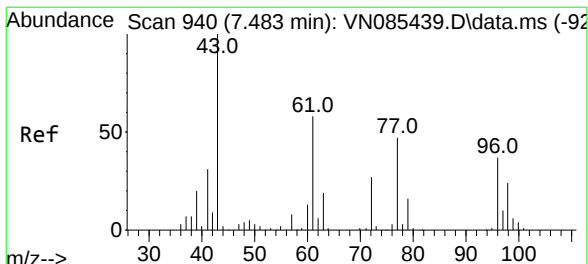
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#26
2,2-Dichloropropane
Concen: 53.228 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 77 Resp: 202496
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.700 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

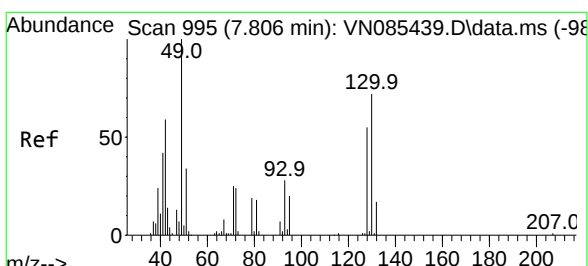
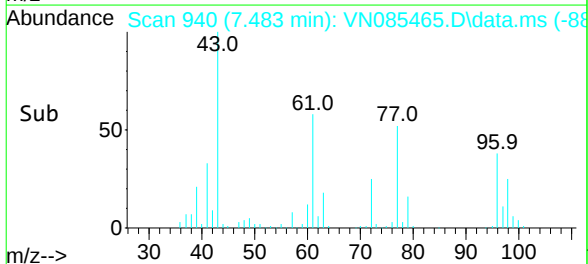
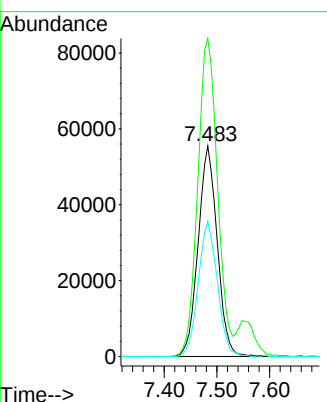
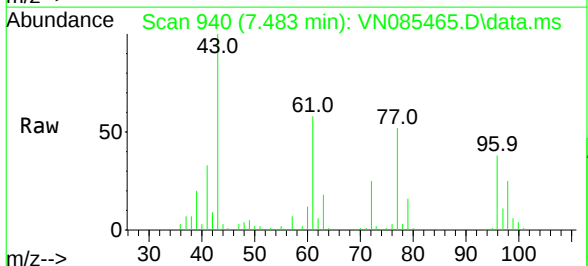
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	139435
Ion	Ratio	Lower	Upper
96	100		
61	156.7	0.0	311.8
98	64.4	0.0	126.0

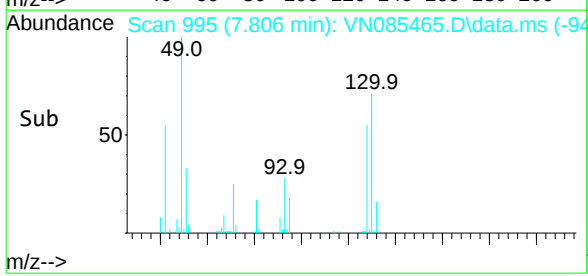
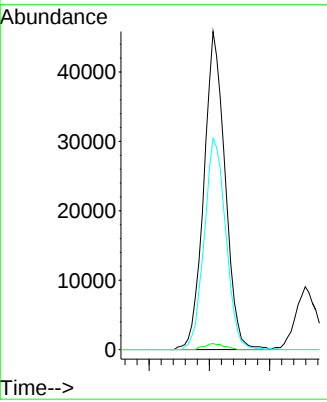
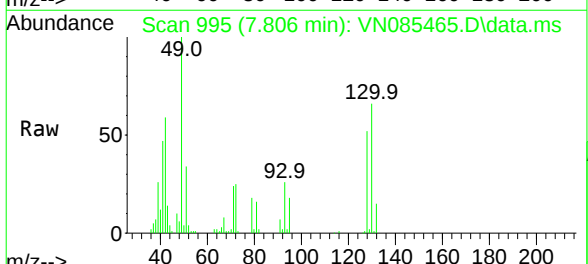
Manual Integrations
 APPROVED

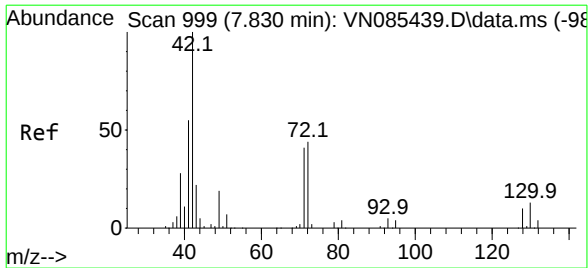
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#28
 Bromochloromethane
 Concen: 51.131 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion:	49	Resp:	111934
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	67.6	55.0	82.4





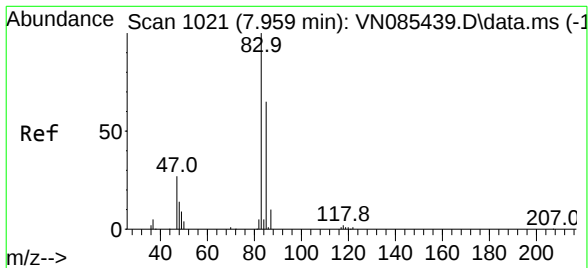
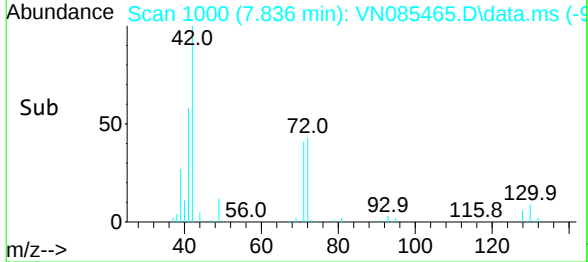
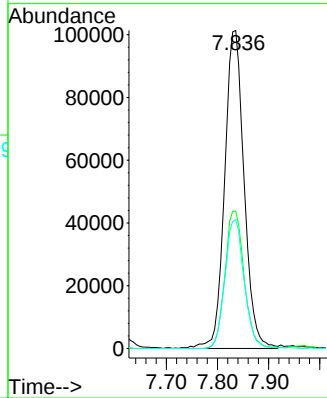
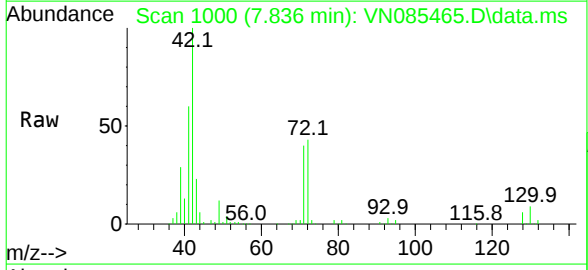
#29
Tetrahydrofuran
Concen: 275.630 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 267776
Ion Ratio Lower Upper
42 100
72 42.4 34.2 51.2
71 40.0 32.5 48.7

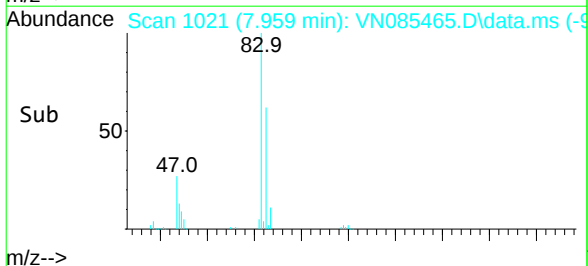
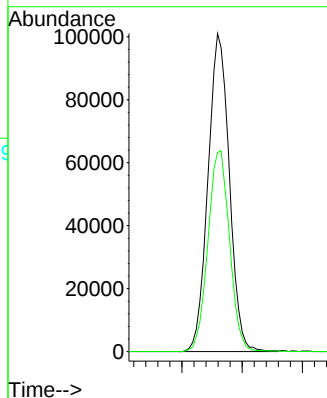
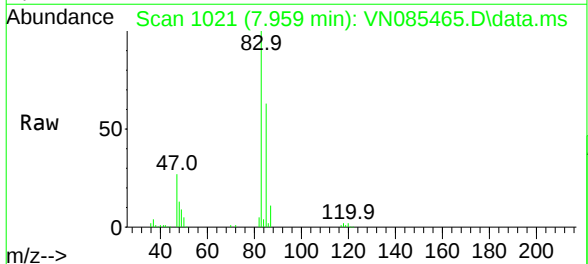
Manual Integrations
APPROVED

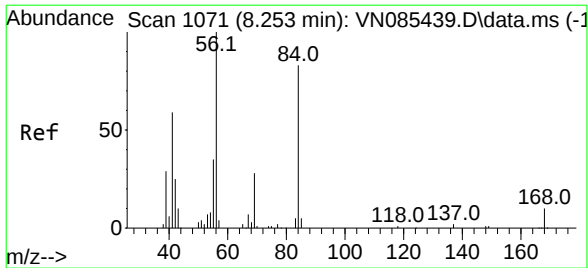
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#30
Chloroform
Concen: 51.073 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

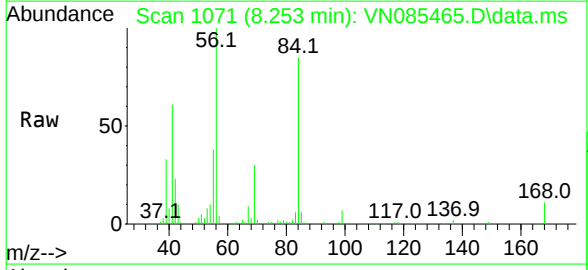
Tgt Ion: 83 Resp: 248378
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.6





#31
Cyclohexane
Concen: 48.594 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

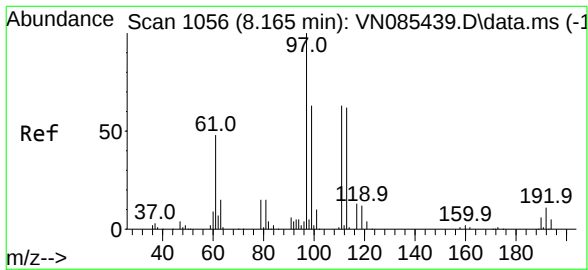
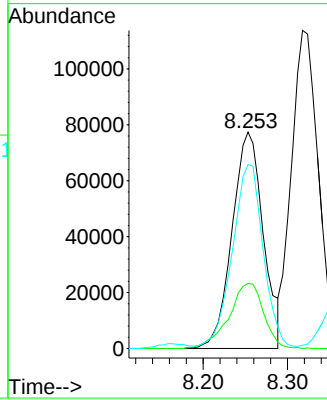
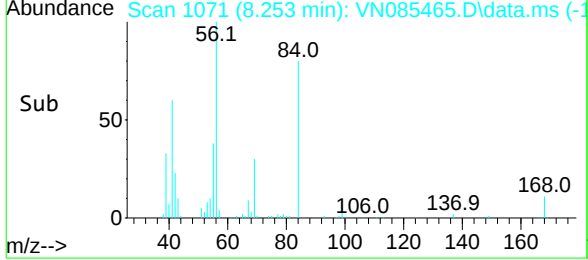
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 198743
Ion Ratio Lower Upper
56 100
69 30.1 22.2 33.4
84 83.1 66.4 99.6

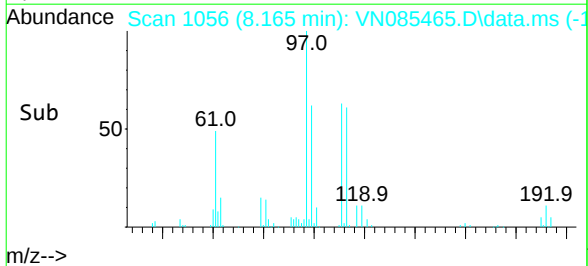
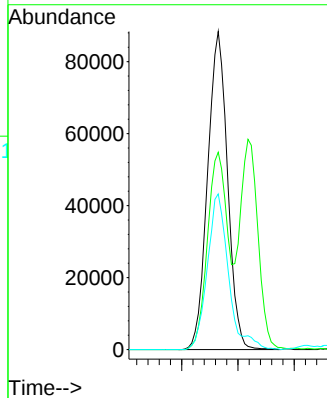
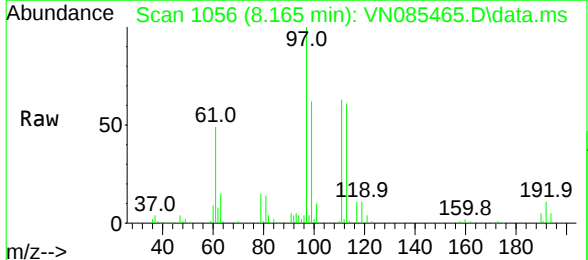
Manual Integrations
APPROVED

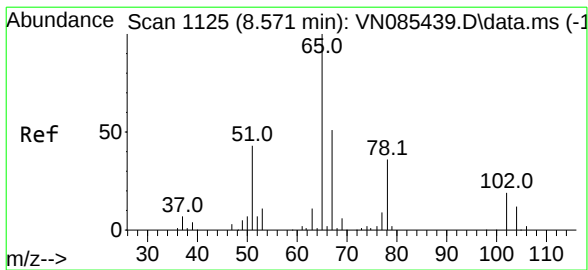
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#32
1,1,1-Trichloroethane
Concen: 50.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 97 Resp: 217366
Ion Ratio Lower Upper
97 100
99 61.4 49.8 74.6
61 52.1 41.4 62.2





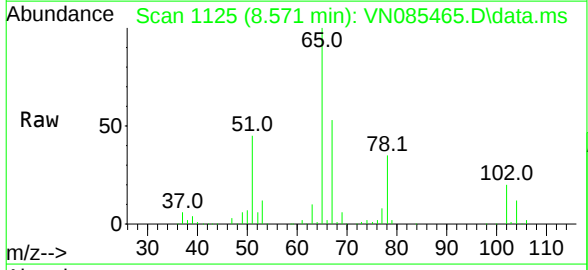
#33
 1,2-Dichloroethane-d4
 Concen: 54.730 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

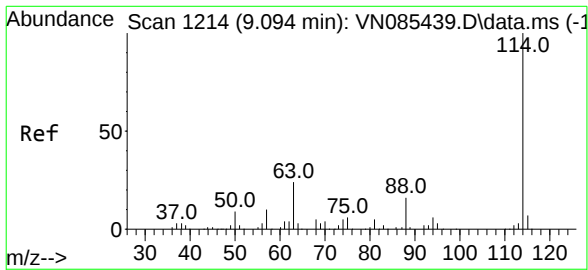
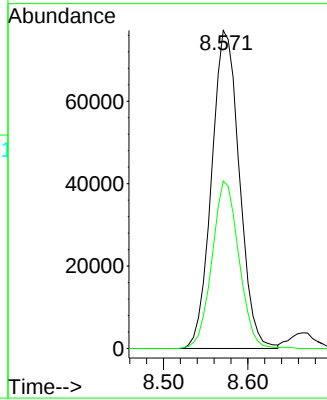
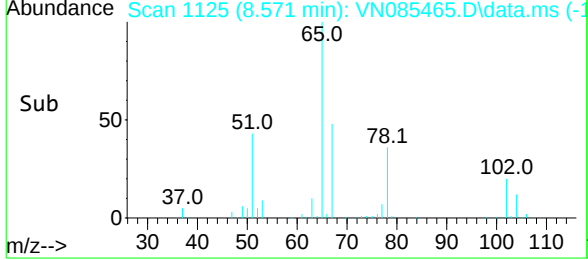


Tgt Ion: 65 Resp: 176373
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6

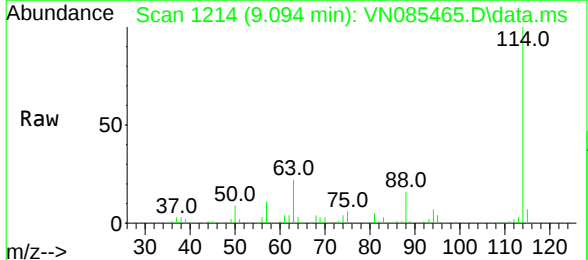
Manual Integrations

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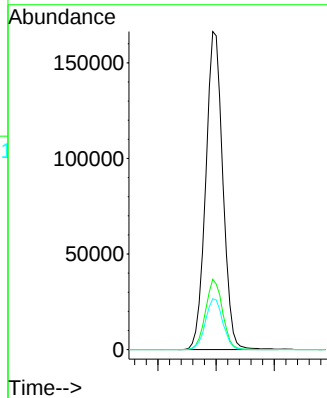
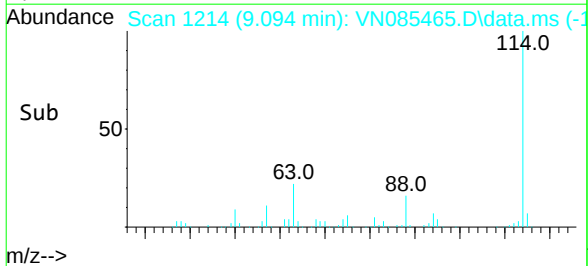
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

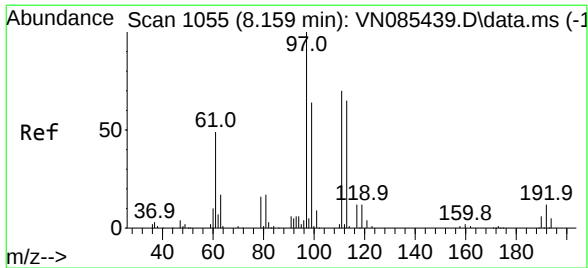


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30



Tgt Ion:114 Resp: 338720
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 16.0 0.0 32.6





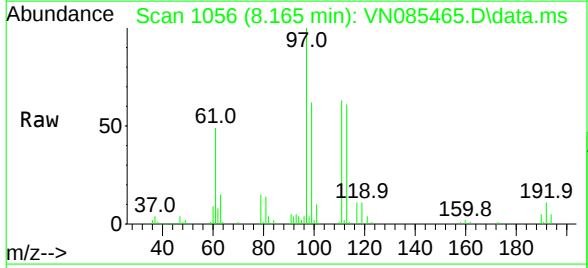
#35
 Dibromofluoromethane
 Concen: 54.850 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

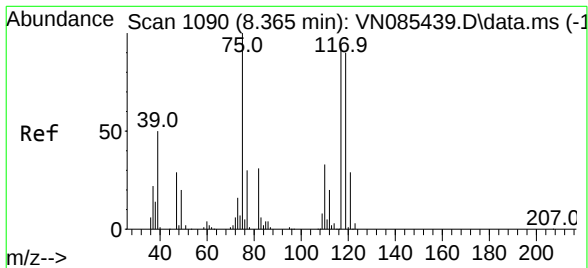
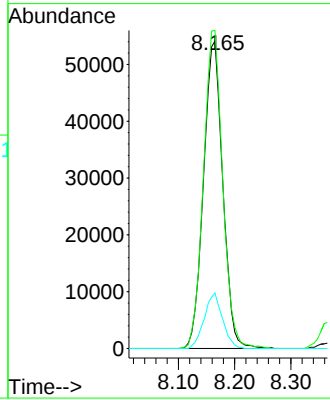
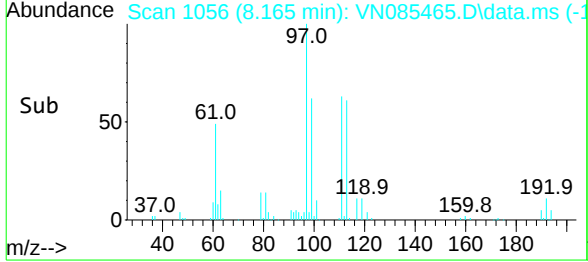


Tgt Ion:	113	Resp:	128891
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	17.1	14.3	21.5

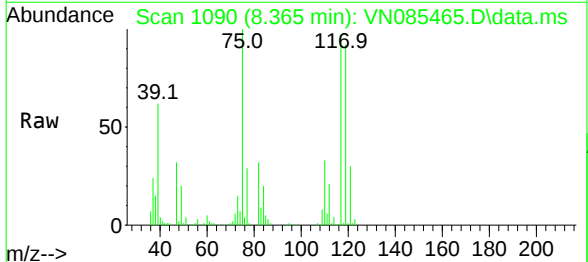
Manual Integrations

APPROVED

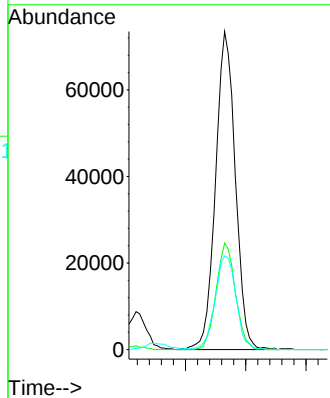
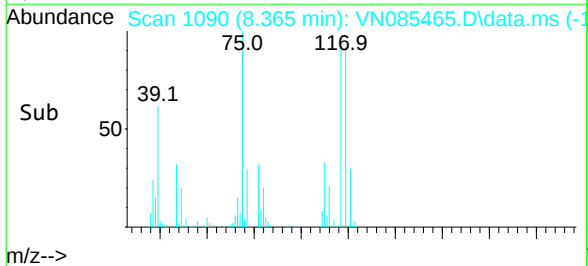
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

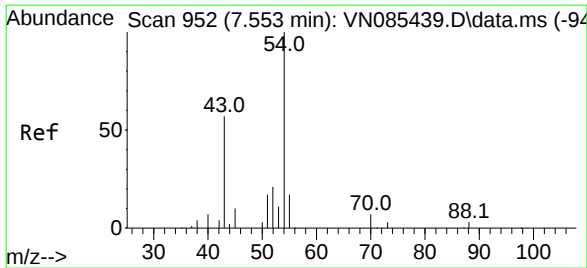


#36
 1,1-Dichloropropene
 Concen: 50.859 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30



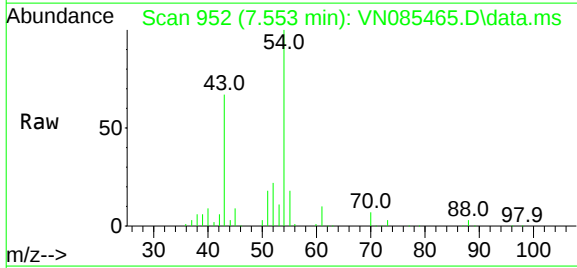
Tgt Ion:	75	Resp:	167734
Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.5	49.5
77	31.1	24.4	36.6





#37
Ethyl Acetate
Concen: 51.352 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

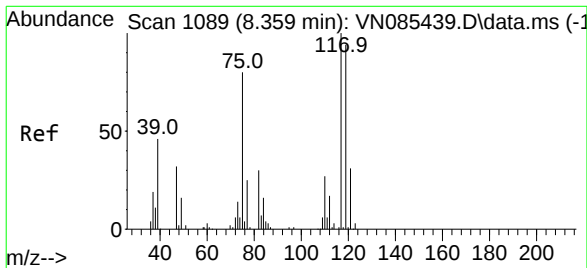
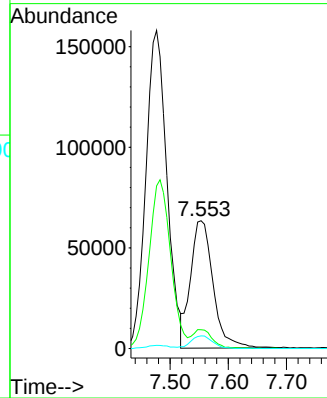
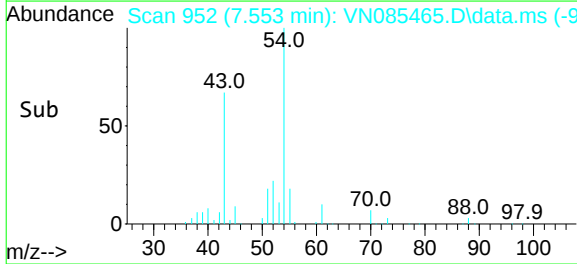
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



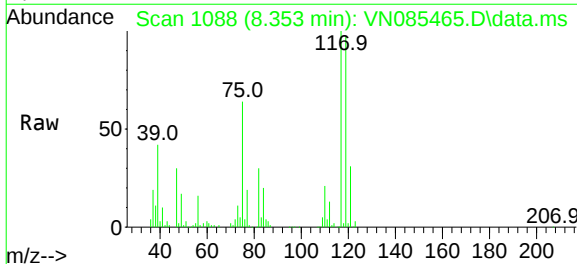
Tgt Ion: 43 Resp: 170946
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.4 7.5 11.3

Manual Integrations
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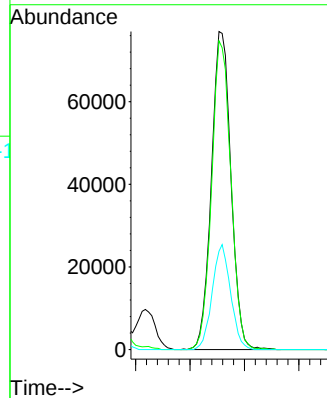
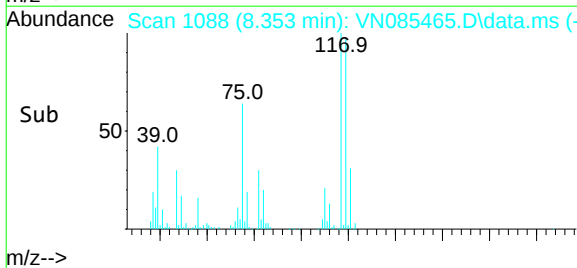
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

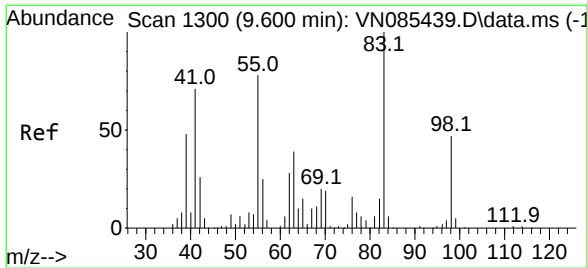


#38
Carbon Tetrachloride
Concen: 50.832 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30



Tgt Ion:117 Resp: 191926
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2
121 30.9 24.6 37.0





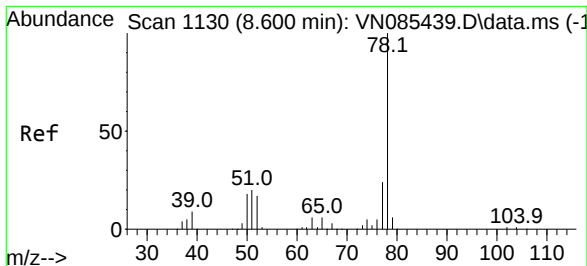
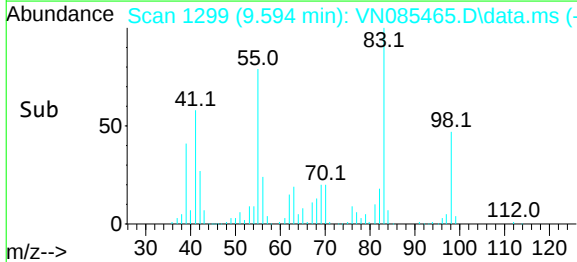
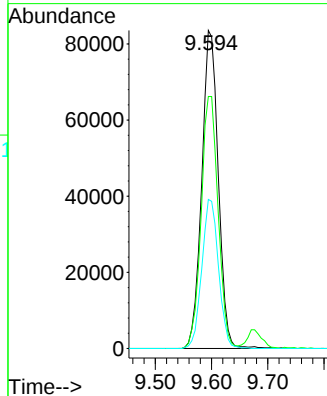
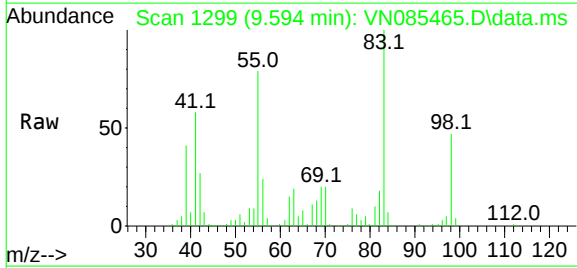
#39
Methylcyclohexane
Concen: 55.085 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 170717
Ion Ratio Lower Upper
83 100
55 79.2 62.6 94.0
98 46.9 37.7 56.5

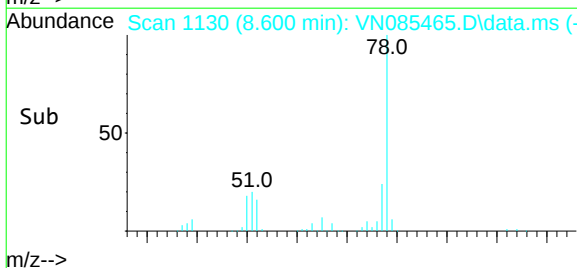
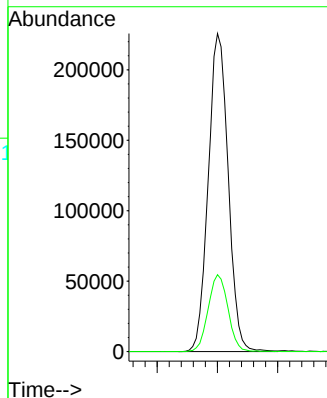
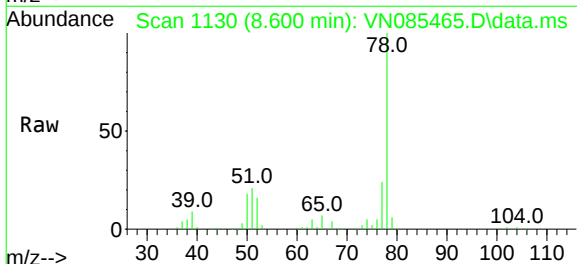
Manual Integrations
APPROVED

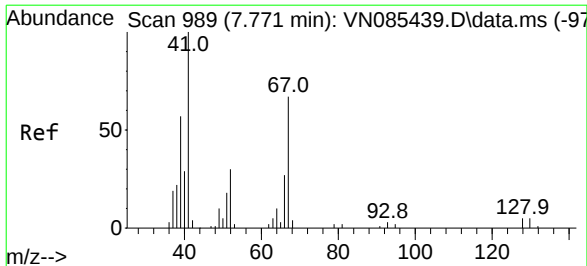
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#40
Benzene
Concen: 52.334 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 78 Resp: 518597
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





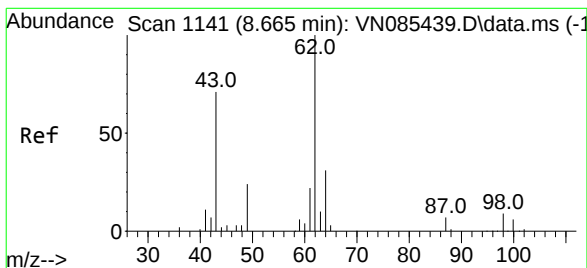
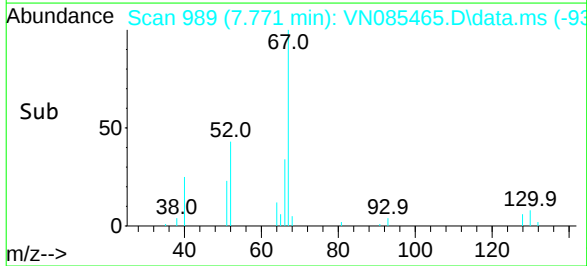
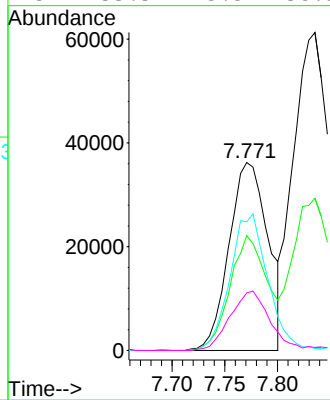
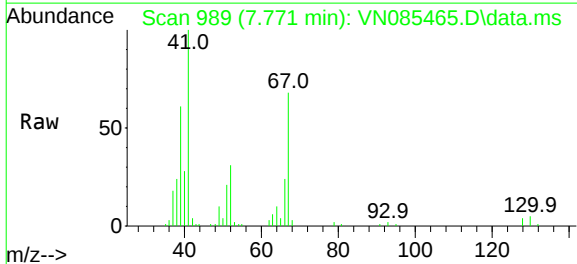
#41
Methacrylonitrile
Concen: 53.873 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 93303
Ion Ratio	Lower Upper
41 100	
39 58.6	46.0 69.0
67 70.2	57.4 86.2
52 33.3	25.5 38.3

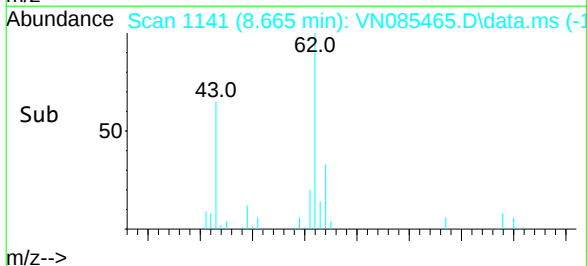
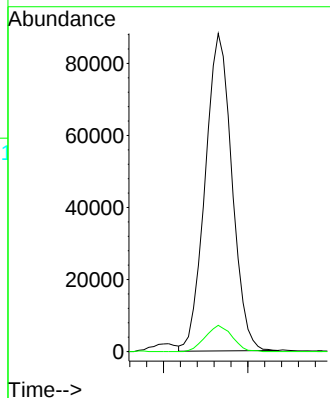
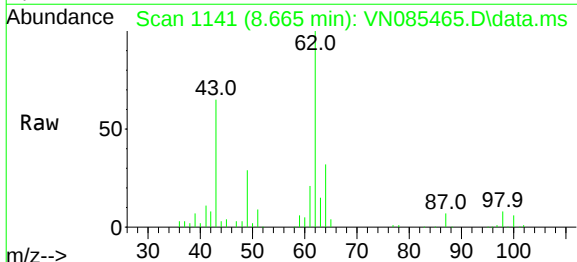
Manual Integrations
APPROVED

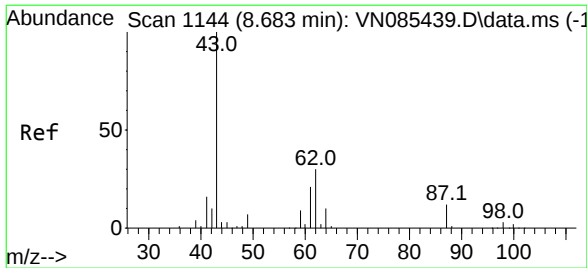
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#42
1,2-Dichloroethane
Concen: 52.039 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 62	Resp: 194220
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 17.0





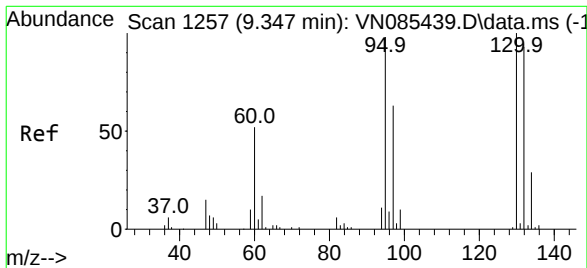
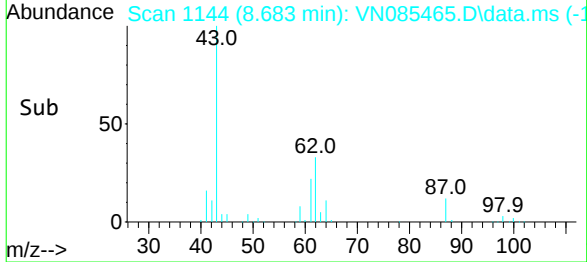
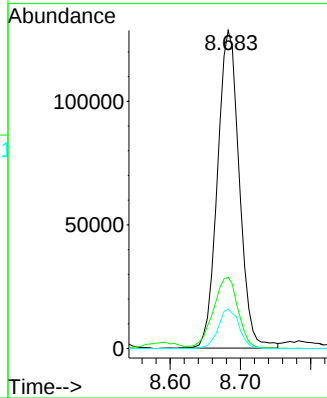
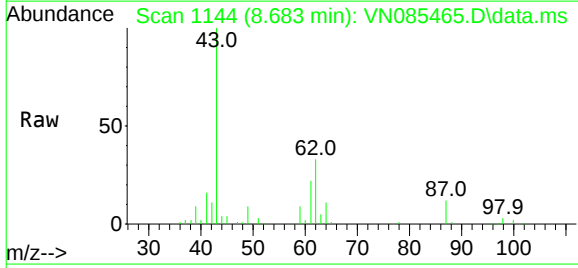
#43
Isopropyl Acetate
Concen: 51.988 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 277304
Ion Ratio Lower Upper
43 100
61 25.6 20.7 31.1
87 11.9 9.8 14.8

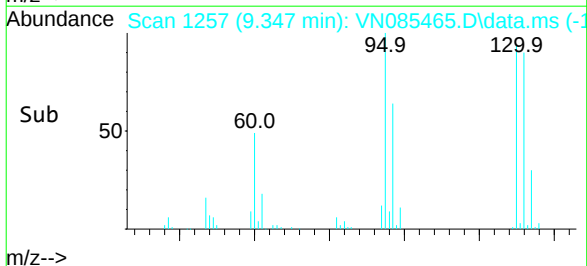
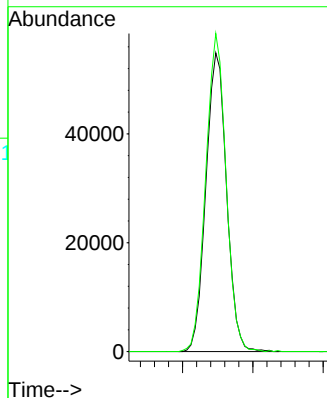
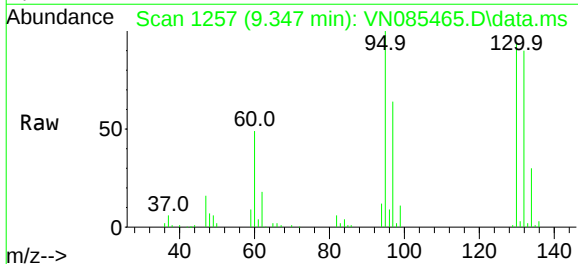
Manual Integrations
APPROVED

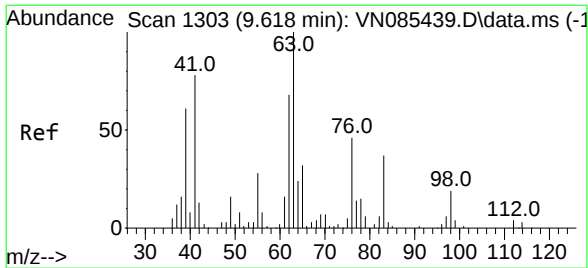
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#44
Trichloroethene
Concen: 48.611 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:130 Resp: 112130
Ion Ratio Lower Upper
130 100
95 106.5 0.0 195.8





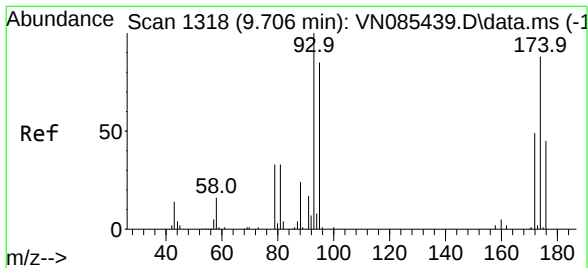
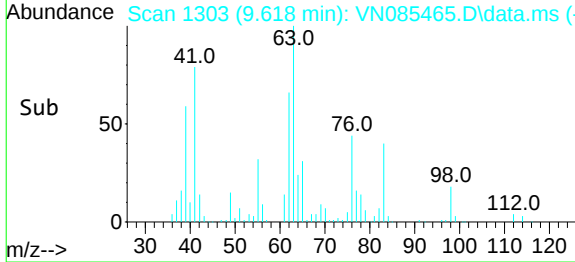
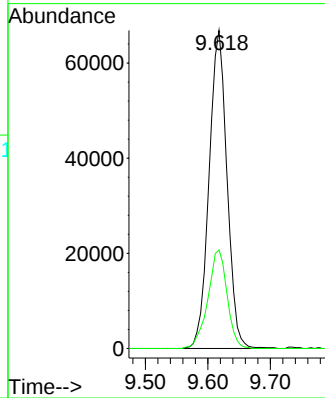
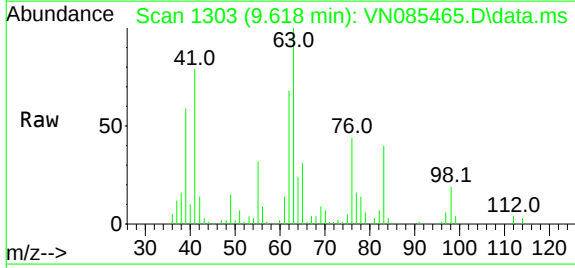
#45
1,2-Dichloropropane
Concen: 52.651 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 133267
Ion Ratio Lower Upper
63 100
65 31.0 25.6 38.4

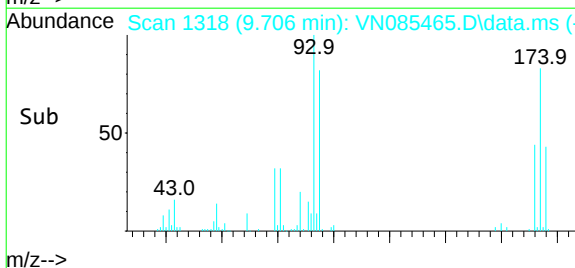
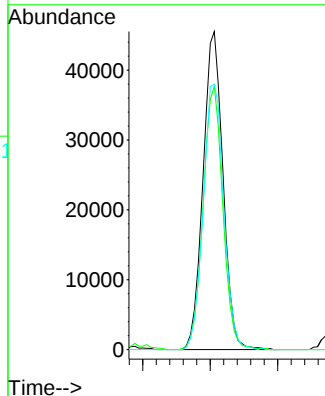
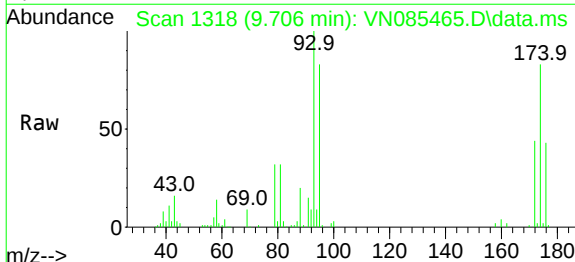
Manual Integrations
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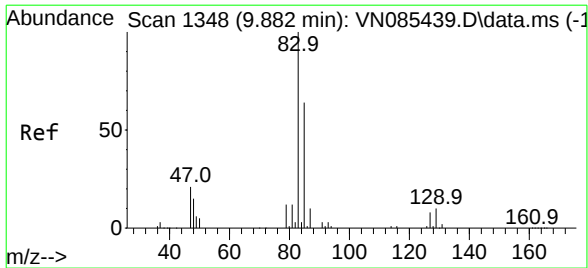
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#46
Dibromomethane
Concen: 51.078 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 93 Resp: 93287
Ion Ratio Lower Upper
93 100
95 82.4 64.7 97.1
174 86.1 69.0 103.4





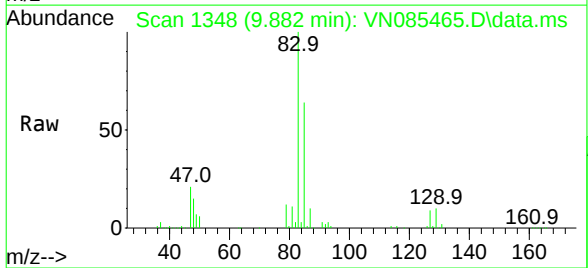
#47
 Bromodichloromethane
 Concen: 52.818 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

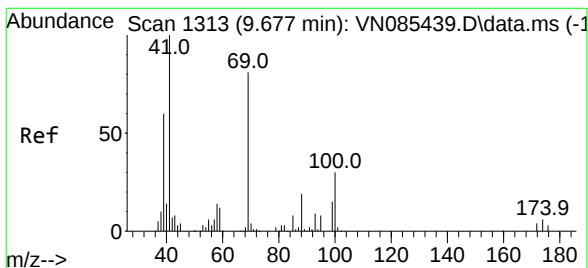
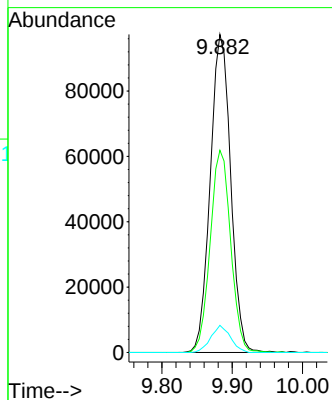
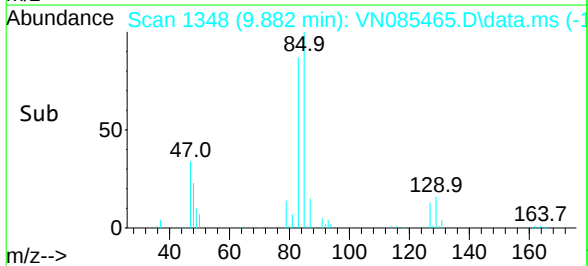
VSTDCCC050



Tgt Ion:	83	Resp:	196530
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8
127	8.5	6.5	9.7

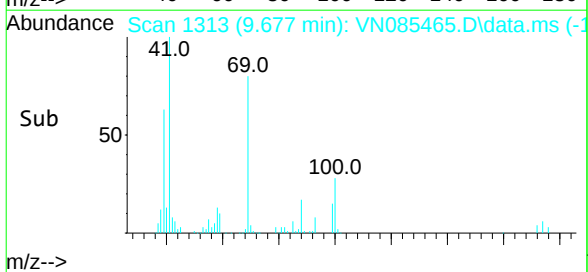
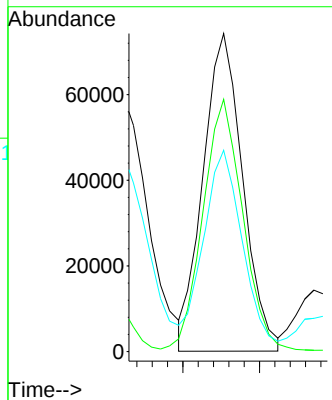
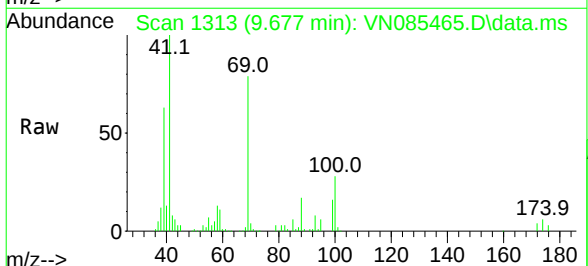
Manual Integrations
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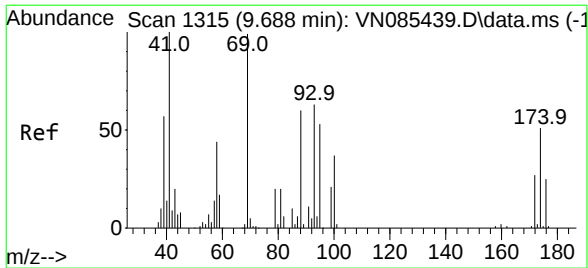
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#48
 Methyl methacrylate
 Concen: 55.460 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

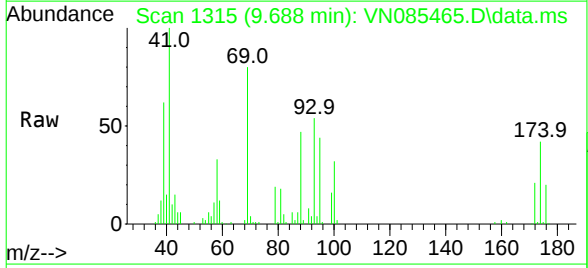
Tgt Ion:	41	Resp:	133128
Ion	Ratio	Lower	Upper
41	100		
69	79.3	64.7	97.1
39	63.3	49.0	73.6





#49
1,4-Dioxane
Concen: 1007.401 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

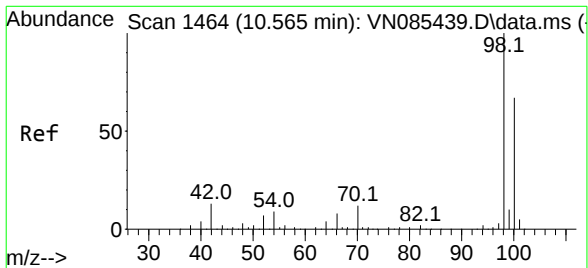
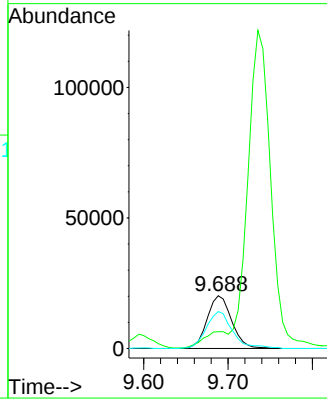
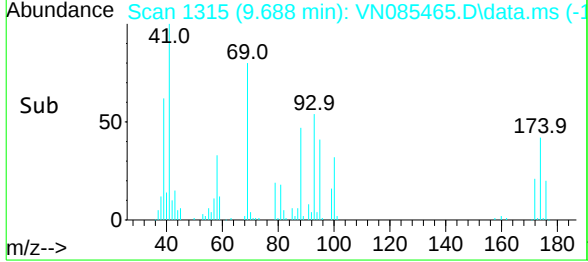
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40722
Ion Ratio Lower Upper
88 100
43 31.6 26.6 39.8
58 75.3 59.5 89.3

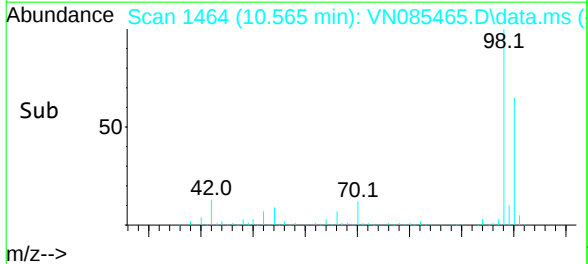
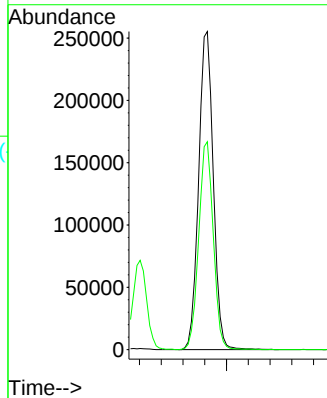
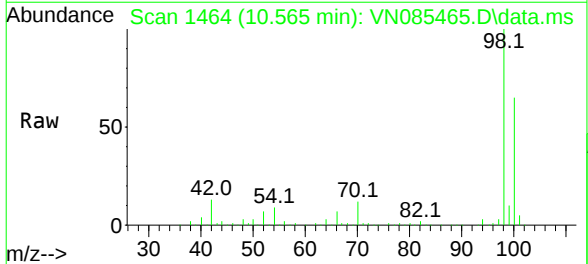
Manual Integrations
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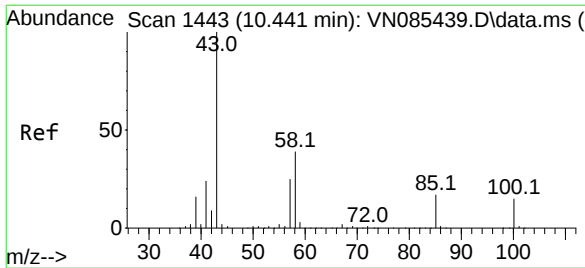
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#50
Toluene-d8
Concen: 57.135 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 98 Resp: 477022
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





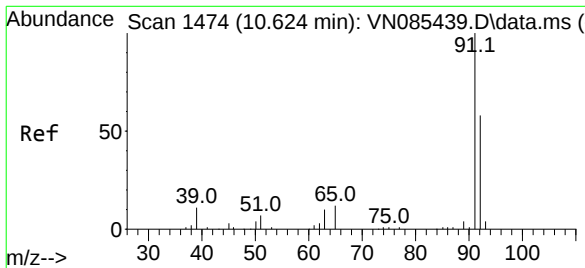
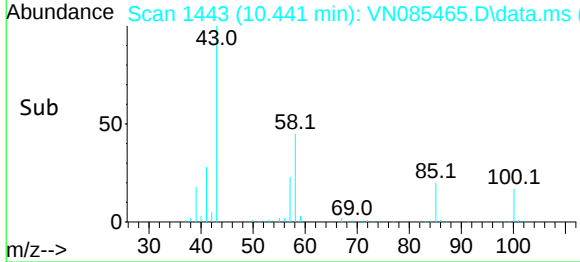
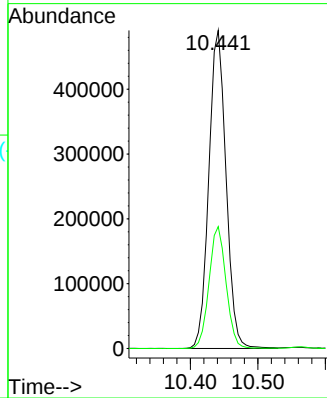
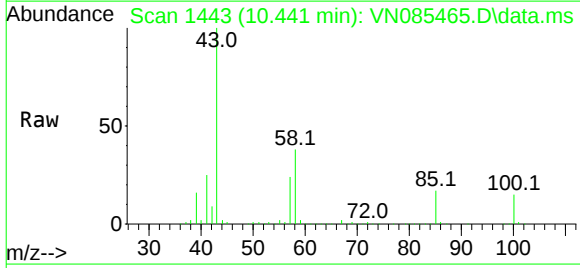
#51
4-Methyl-2-Pentanone
Concen: 280.635 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 868635
Ion Ratio Lower Upper
43 100
58 37.9 30.5 45.7

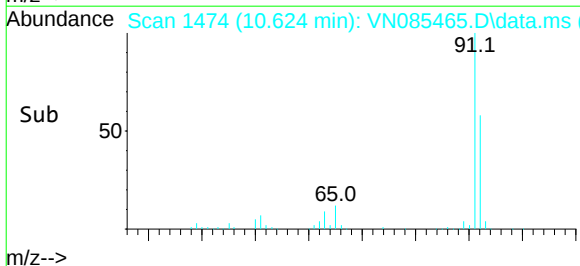
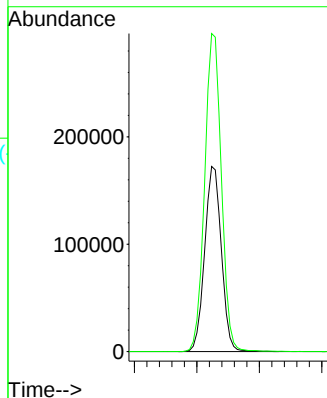
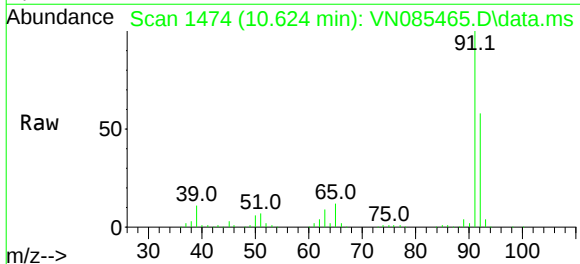
Manual Integrations
APPROVED

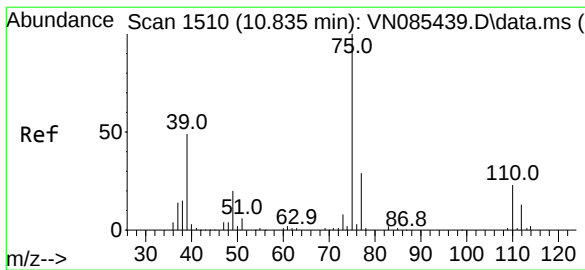
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#52
Toluene
Concen: 55.684 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

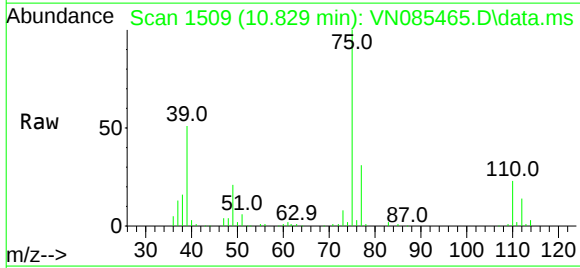
Tgt Ion: 92 Resp: 319722
Ion Ratio Lower Upper
92 100
91 172.1 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 54.543 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

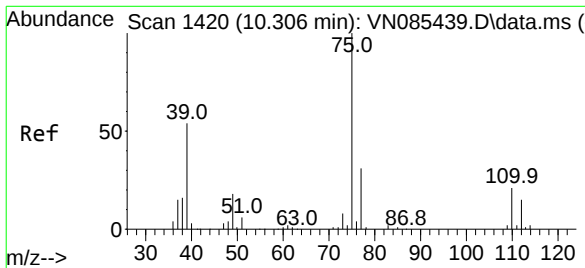
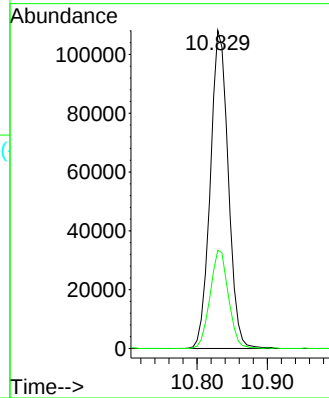
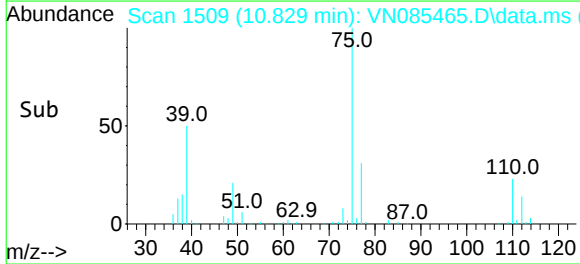
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 191792
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.5 35.3

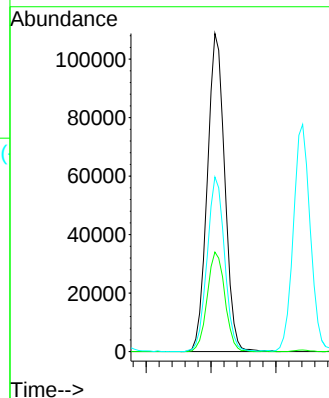
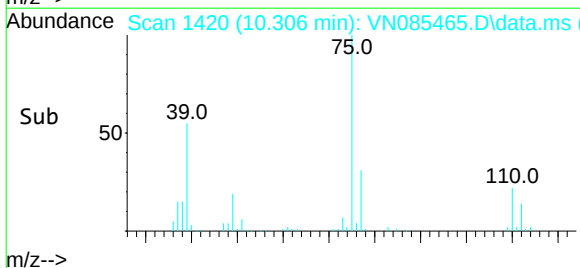
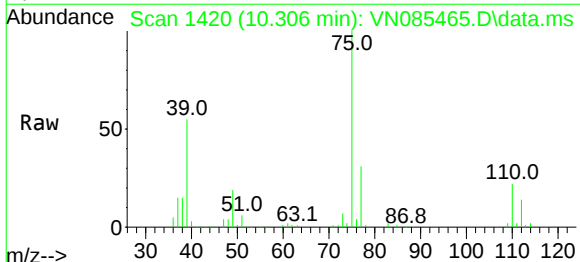
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#54
 cis-1,3-Dichloropropene
 Concen: 54.100 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

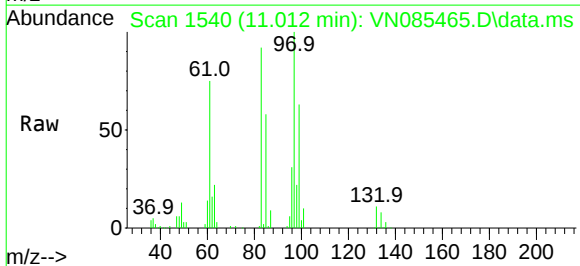
Tgt Ion: 75 Resp: 203202
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4
 39 54.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 52.304 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

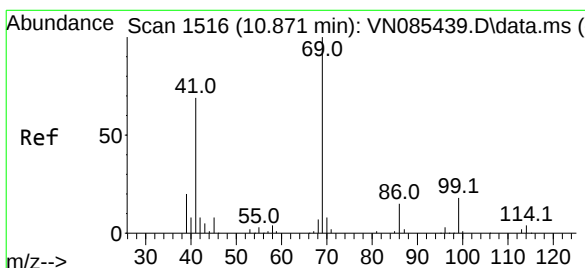
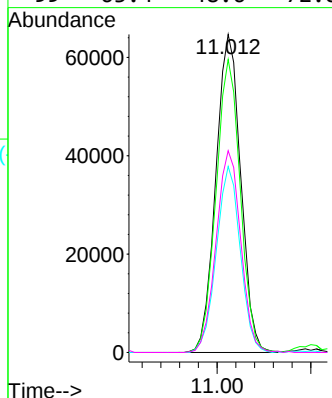
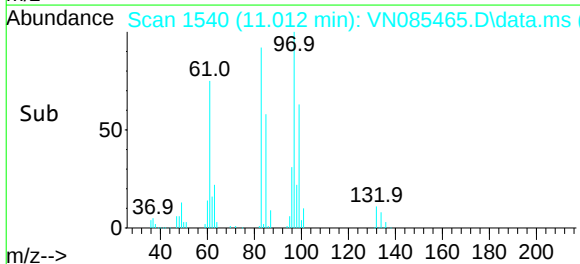
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



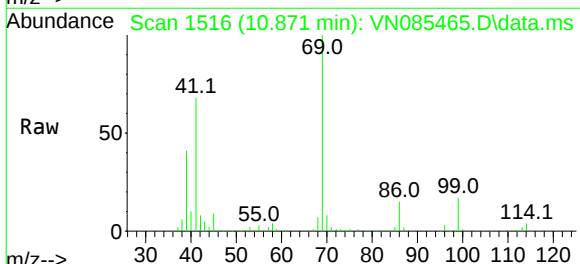
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.1	69.0	103.6
85	58.5	44.6	66.8
99	63.4	48.6	72.8

Manual Integrations
APPROVED

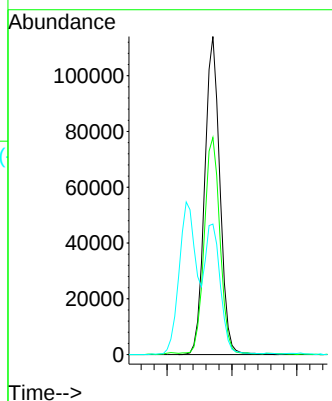
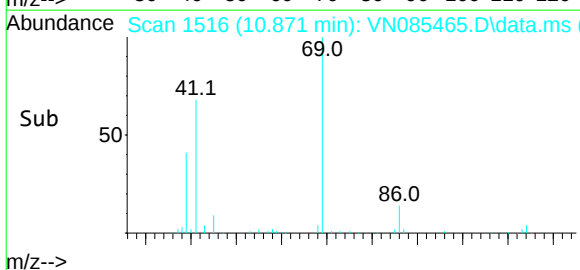
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

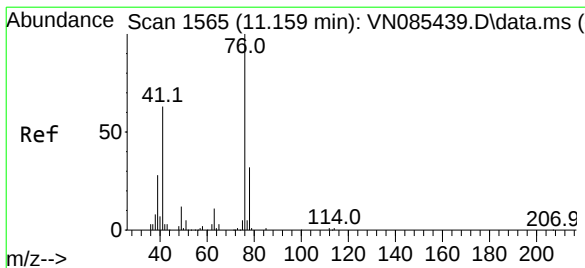


#56
Ethyl methacrylate
Concen: 48.474 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30



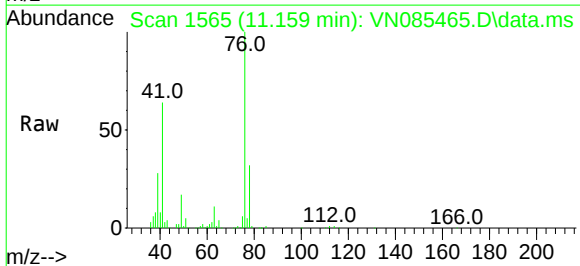
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.6	82.0
39	40.2	32.4	48.6





#57
1,3-Dichloropropane
Concen: 52.503 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

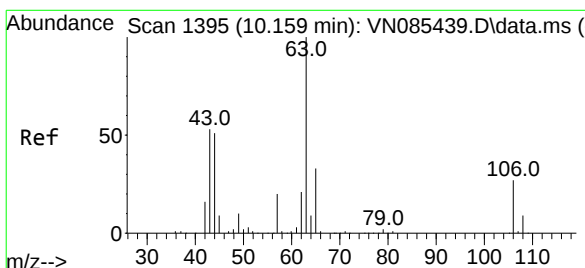
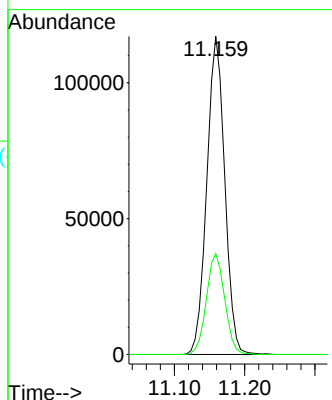
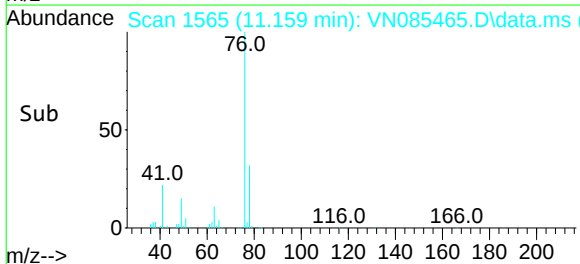
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 207443
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

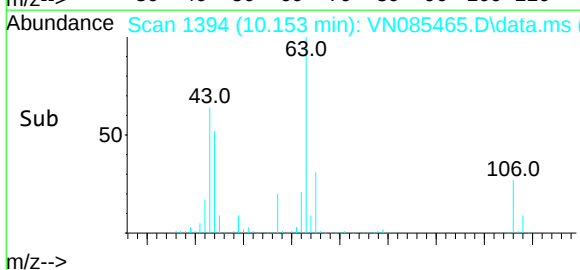
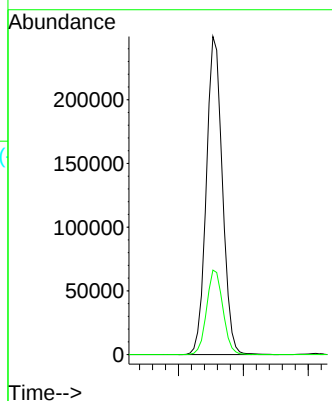
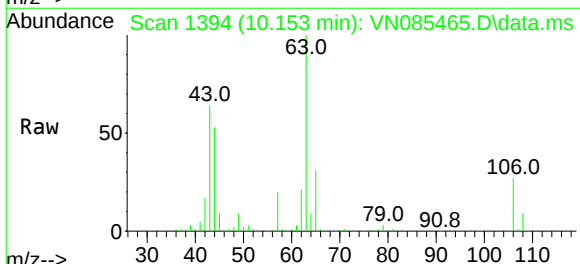
Manual Integrations
APPROVED

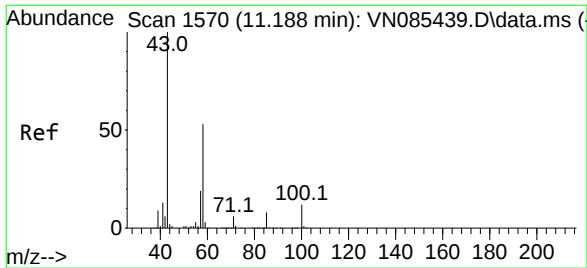
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 297.169 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 63 Resp: 428511
Ion Ratio Lower Upper
63 100
106 26.9 21.6 32.4





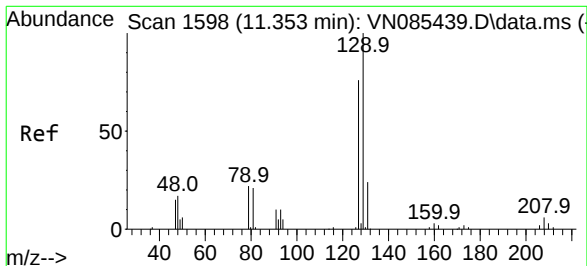
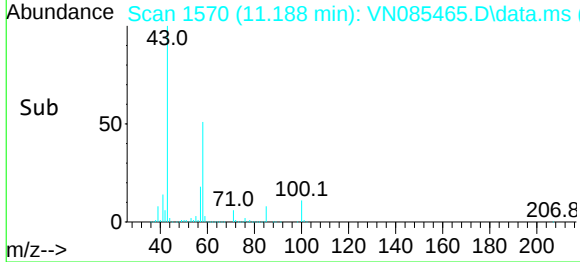
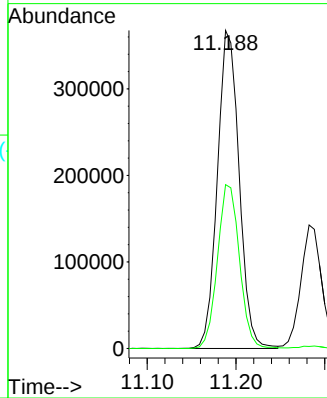
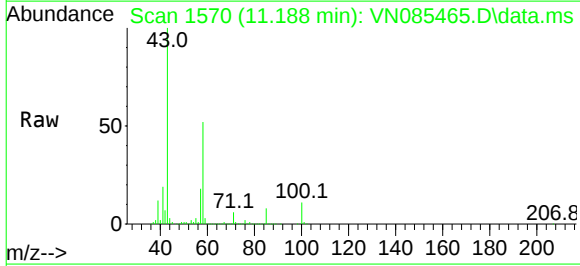
#59
2-Hexanone
Concen: 287.441 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 626022
Ion Ratio Lower Upper
43 100
58 52.2 26.2 78.6

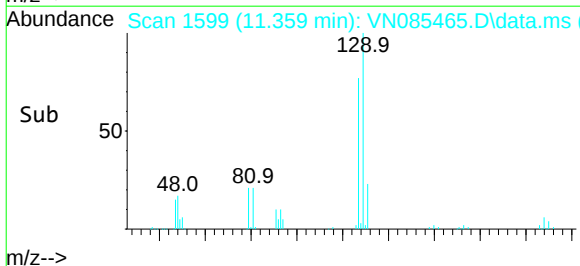
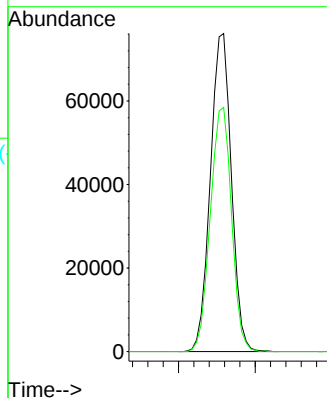
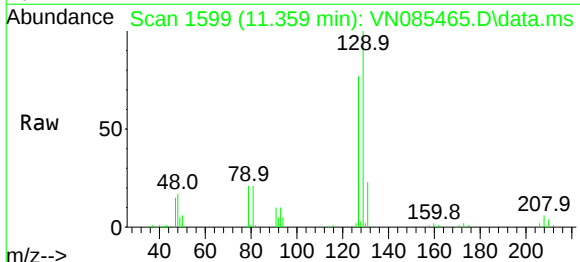
Manual Integrations
APPROVED

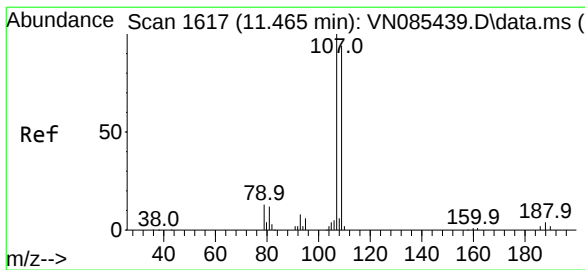
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#60
Dibromochloromethane
Concen: 52.798 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:129 Resp: 144841
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





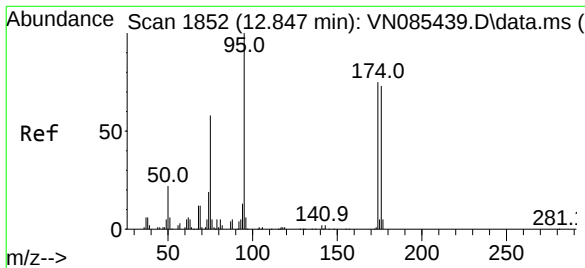
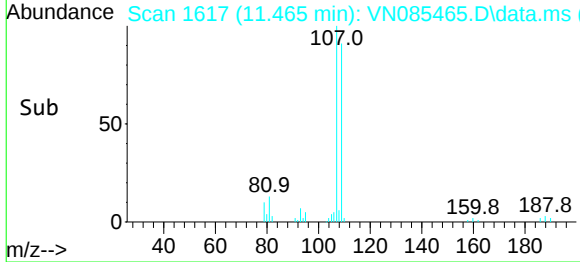
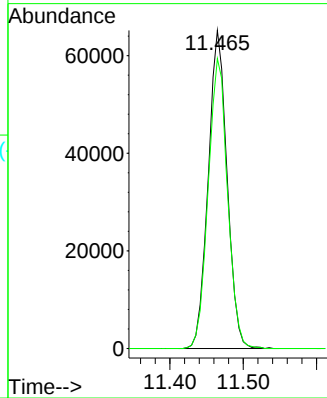
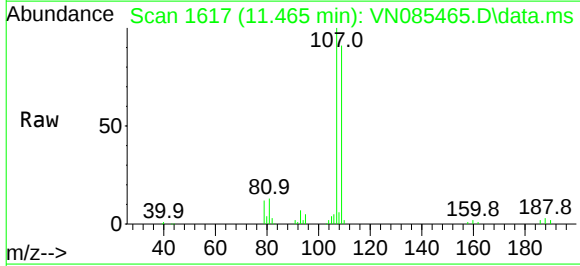
#61
1,2-Dibromoethane
Concen: 51.361 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 116171
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

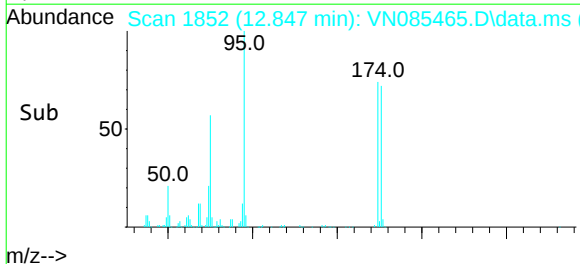
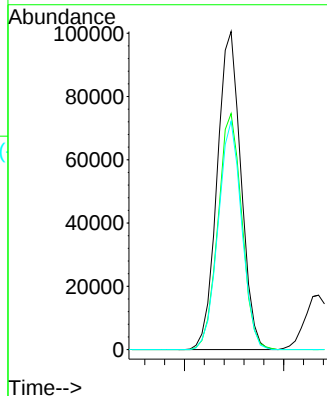
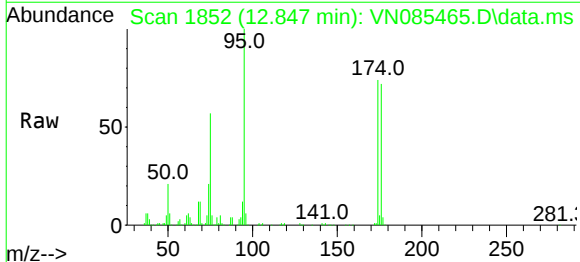
Manual Integrations
APPROVED

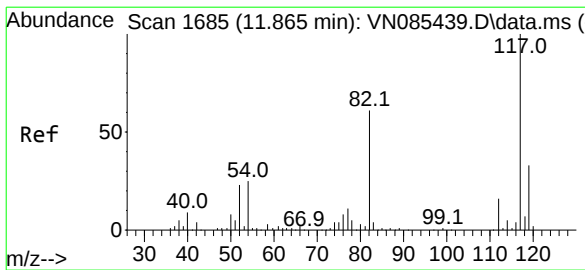
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#62
4-Bromofluorobenzene
Concen: 58.717 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 95 Resp: 167696
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.0
176 70.9 0.0 142.4





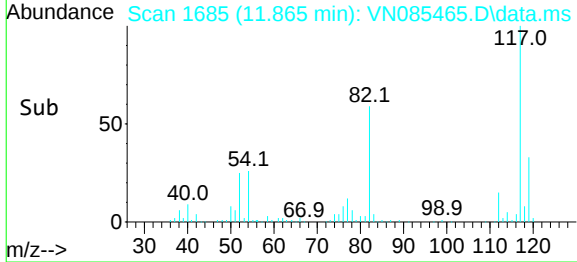
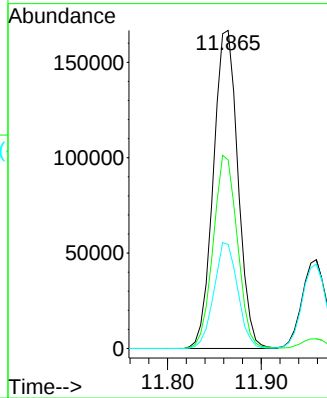
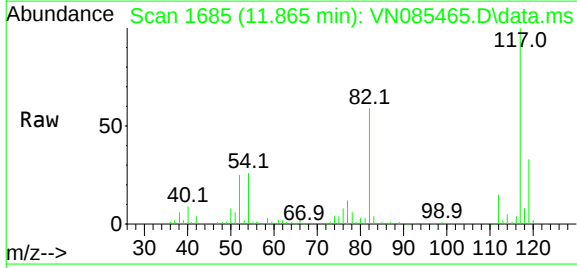
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 304435
Ion Ratio Lower Upper
117 100
82 59.3 48.6 72.8
119 32.7 26.6 39.8

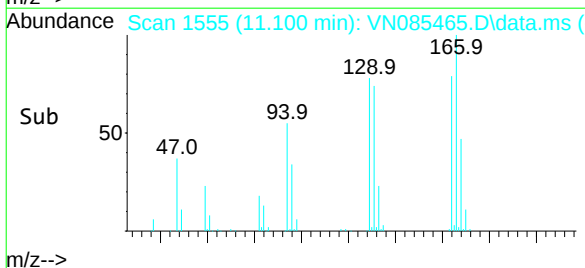
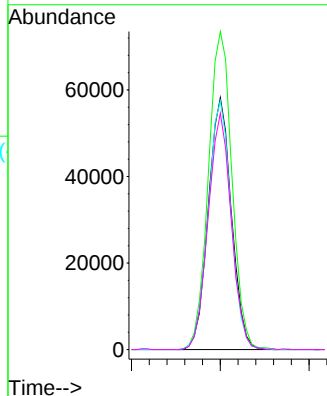
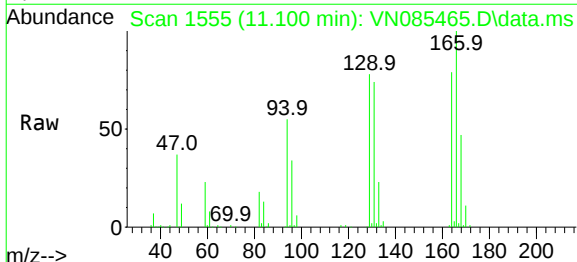
Manual Integrations
APPROVED

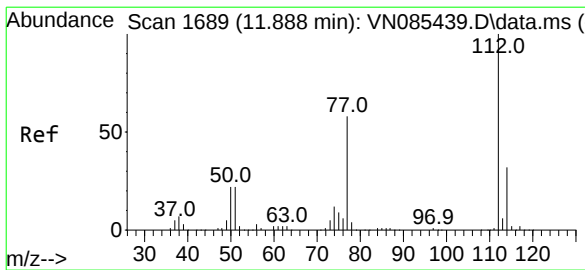
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#64
Tetrachloroethene
Concen: 50.775 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:164 Resp: 105380
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 98.7 79.2 118.8
131 93.8 77.1 115.7





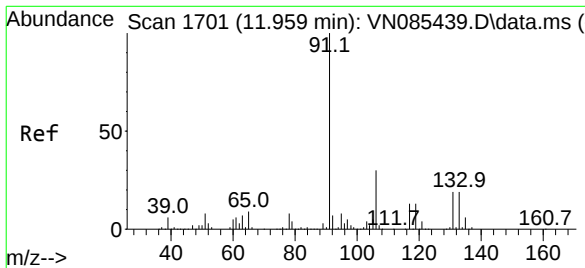
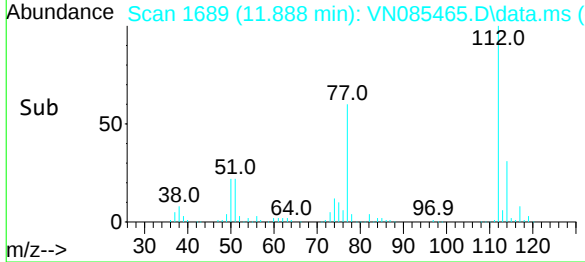
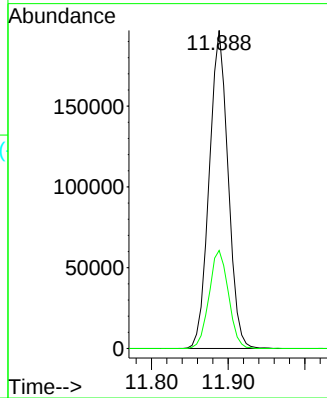
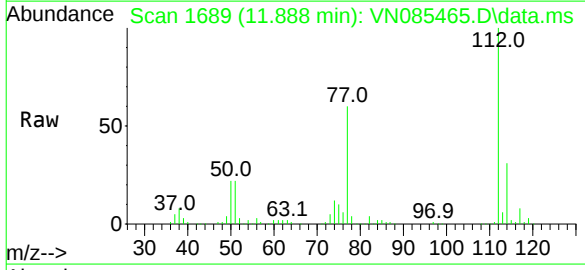
#65
Chlorobenzene
Concen: 50.341 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 335733
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9

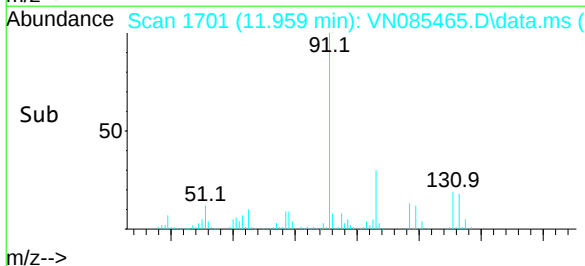
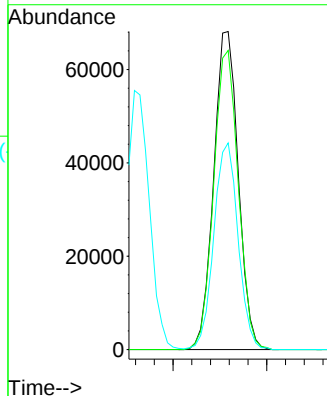
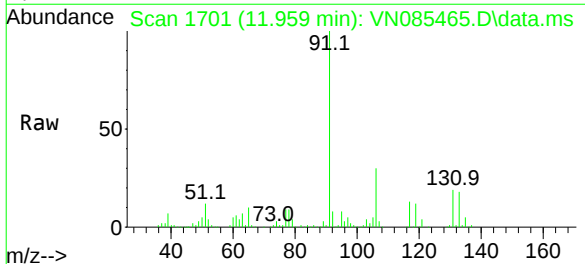
Manual Integrations
APPROVED

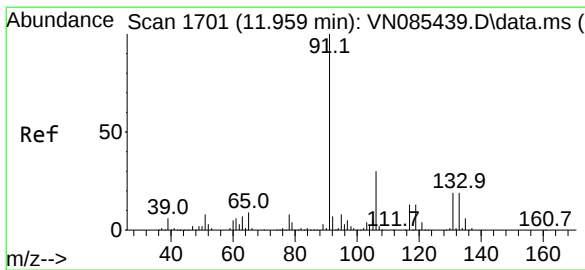
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.647 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:131 Resp: 123970
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.3
119 64.1 33.1 99.5





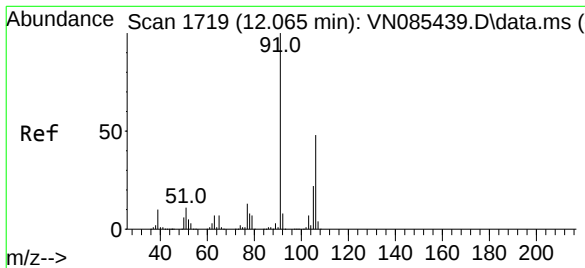
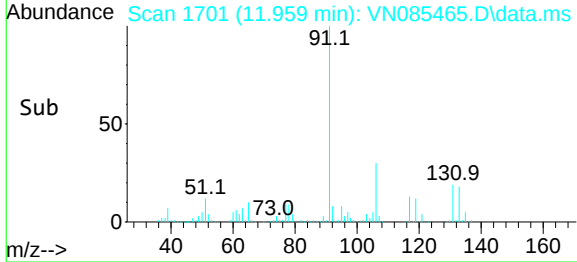
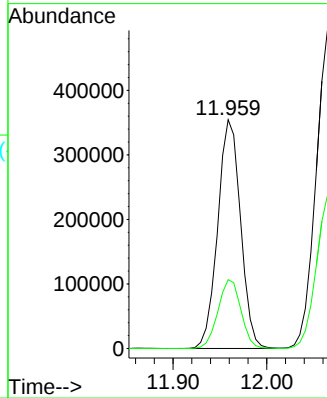
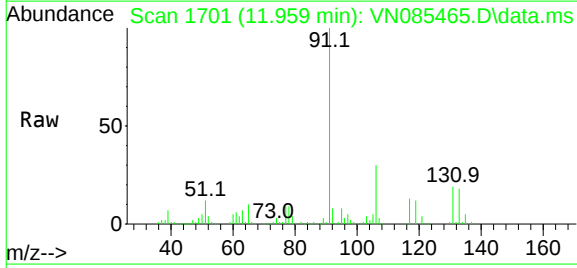
#67
Ethyl Benzene
Concen: 55.203 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 599634
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8

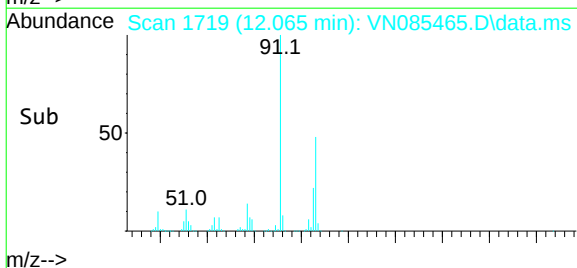
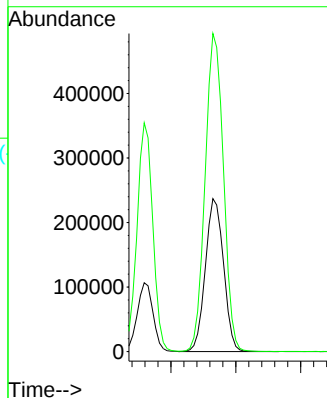
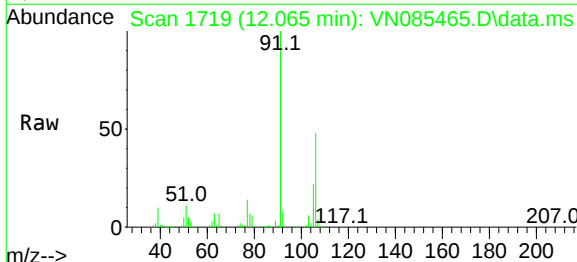
Manual Integrations
APPROVED

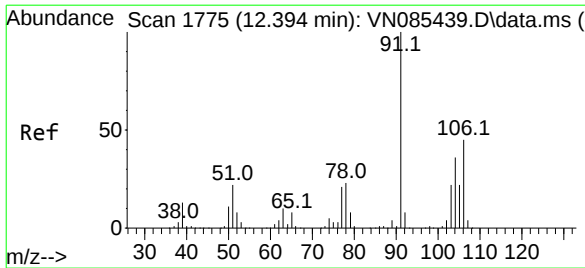
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#68
m/p-Xylenes
Concen: 114.982 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:106 Resp: 461597
Ion Ratio Lower Upper
106 100
91 209.0 167.7 251.5





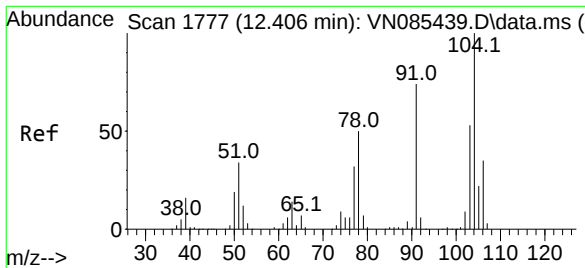
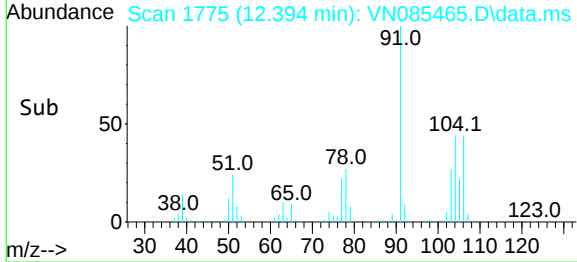
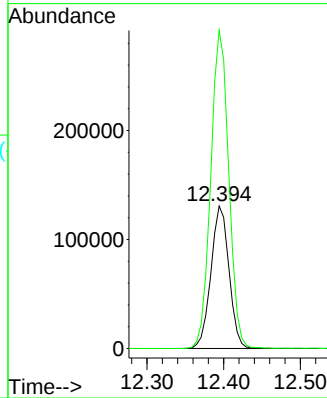
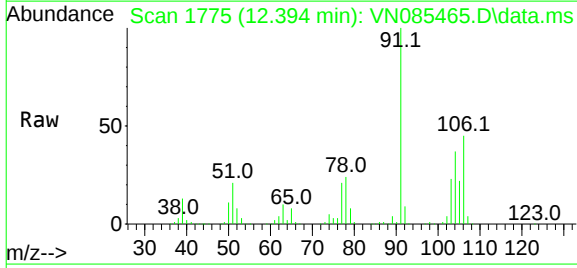
#69
o-Xylene
Concen: 55.736 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 213833
Ion Ratio Lower Upper
106 100
91 222.9 110.4 331.2

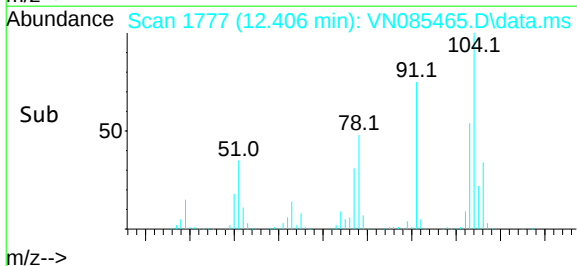
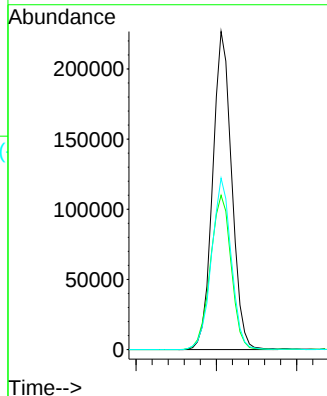
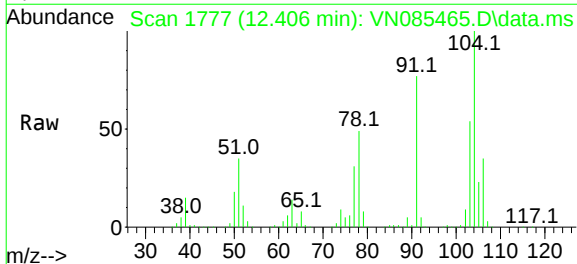
Manual Integrations
APPROVED

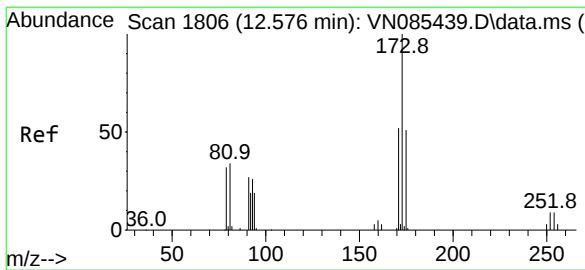
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#70
Styrene
Concen: 58.773 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:104 Resp: 373173
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.8 43.8 65.8





#71

Bromoform

Concen: 53.094 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

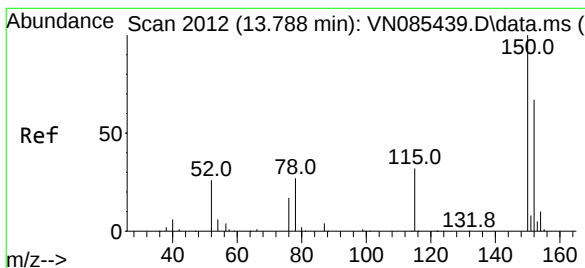
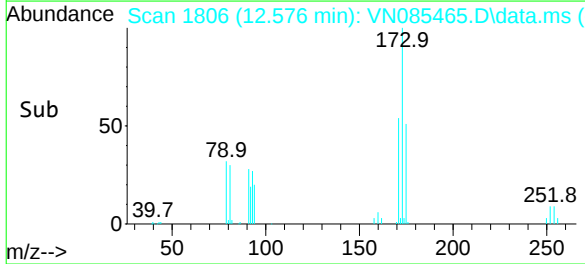
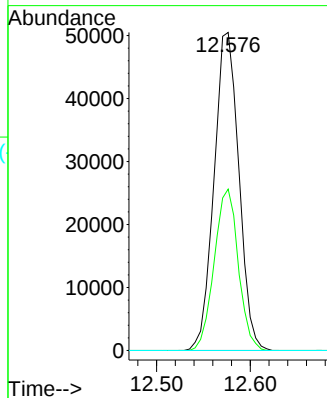
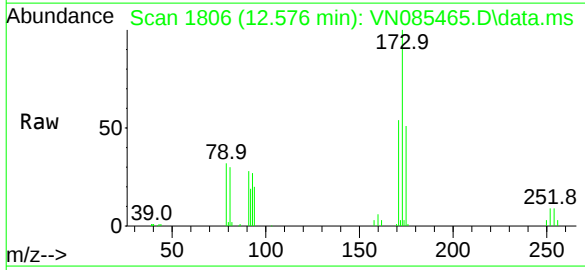
VSTDCCC050

Tgt Ion:	173	Resp:	92987
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

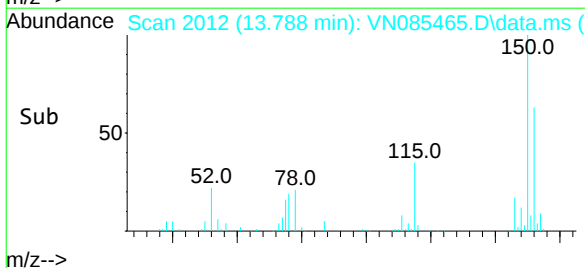
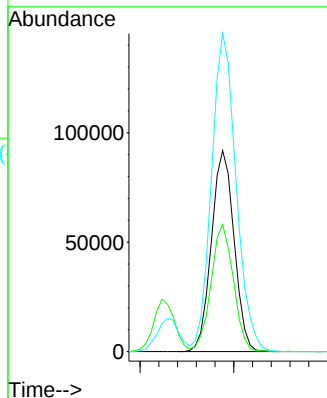
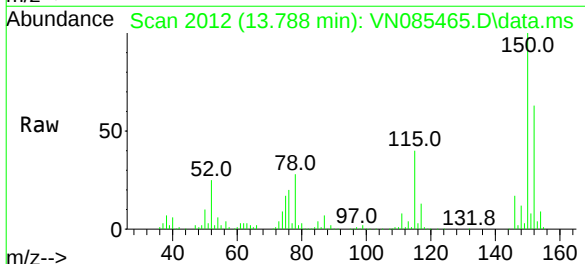
RT: 13.788 min Scan# 2012

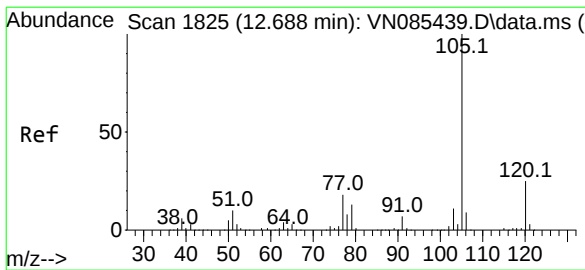
Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion:	152	Resp:	154064
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.1	93.3
150	172.1	0.0	343.6





#73

Isopropylbenzene

Concen: 53.105 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 552186

Ion Ratio Lower Upper

105 100

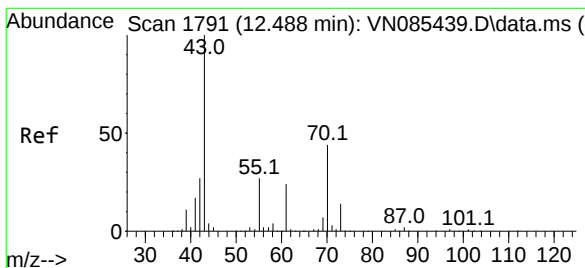
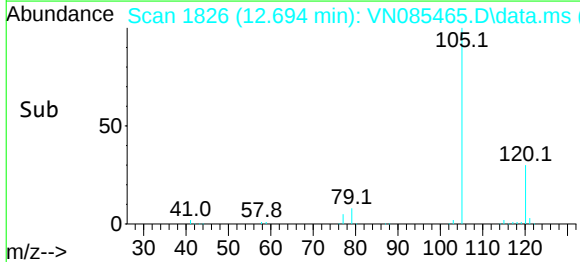
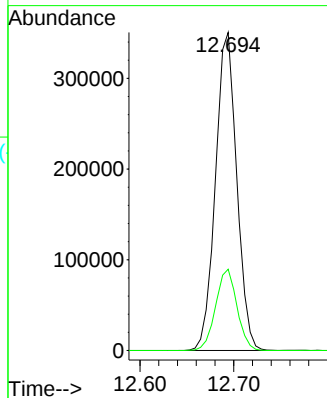
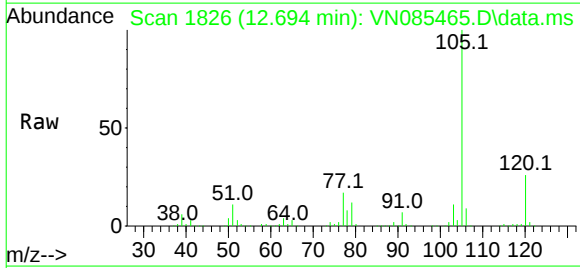
120 25.6 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#74

N-ethyl acetate

Concen: 51.765 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion: 43 Resp: 241933

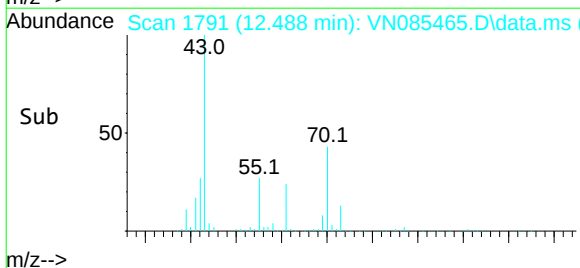
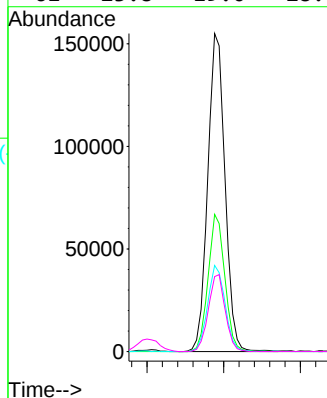
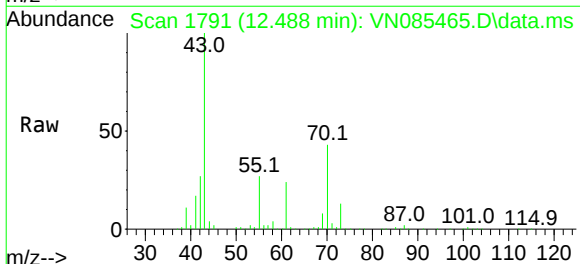
Ion Ratio Lower Upper

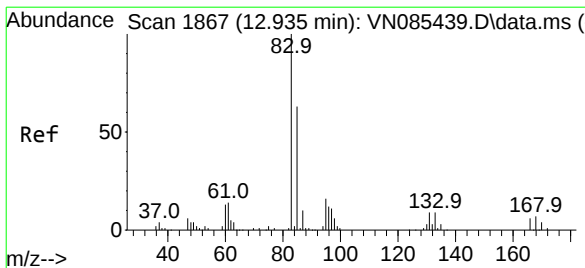
43 100

70 41.9 34.0 51.0

55 27.4 21.4 32.2

61 23.8 19.0 28.4





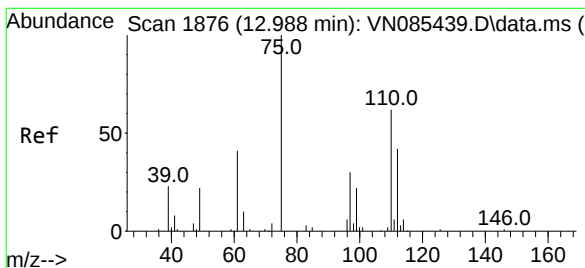
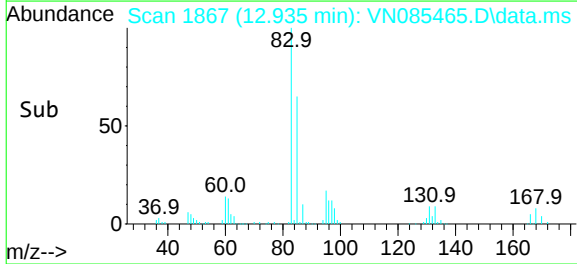
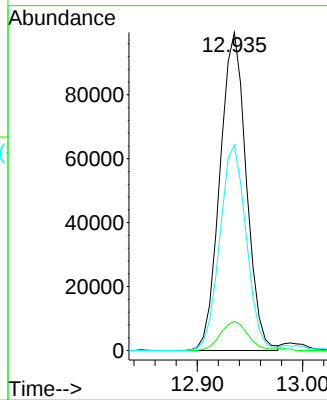
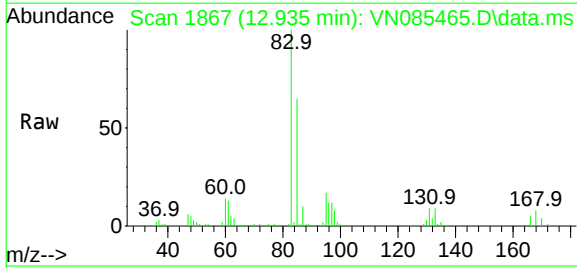
#75
1,1,2,2-Tetrachloroethane
Concen: 47.013 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	83	Resp	172681
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	64.9	32.2	96.6

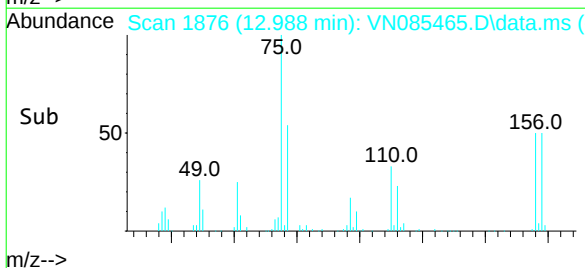
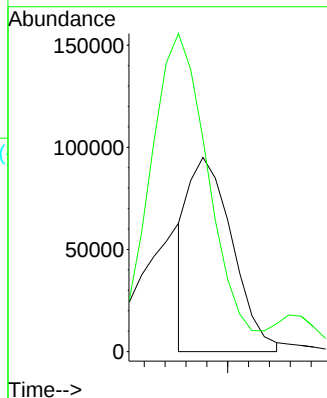
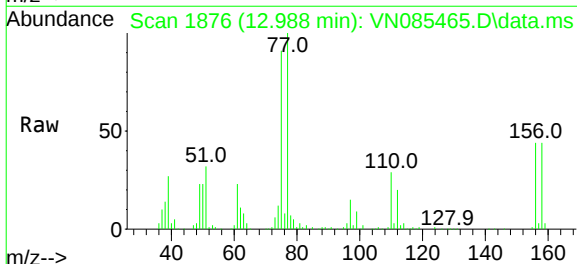
Manual Integrations
APPROVED

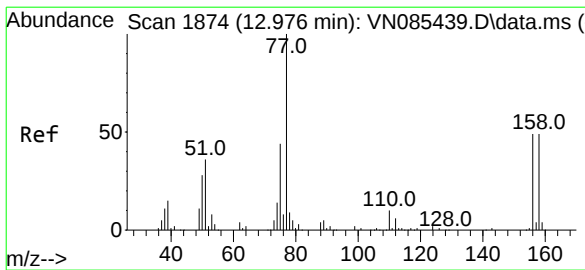
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#76
1,2,3-Trichloropropane
Concen: 44.626 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion	75	Resp	139741
Ion	Ratio	Lower	Upper
75	100		
77	221.4	109.7	329.2





#77

Bromobenzene

Concen: 49.246 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

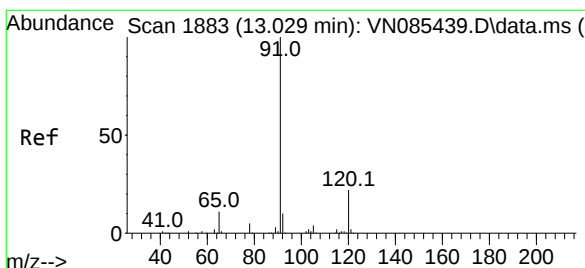
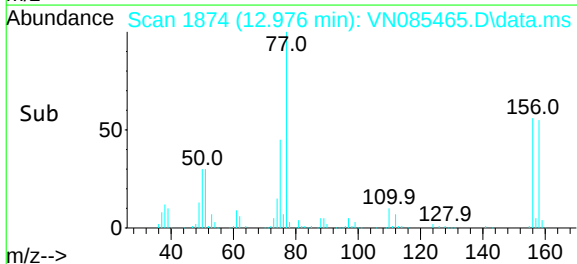
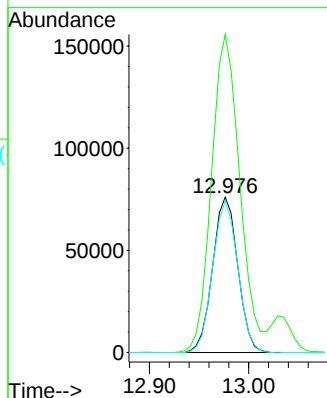
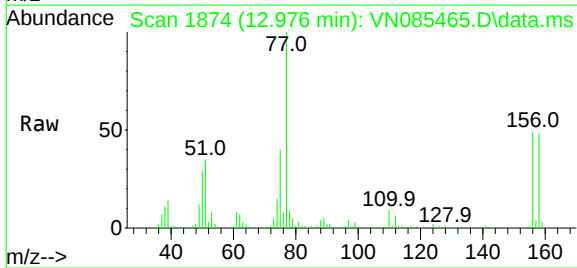
VSTDCCC050

Tgt Ion:	156	Resp:	133783
Ion Ratio	Lower	Upper	
156	100		
77	231.3	114.1	342.4
158	97.5	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#78

n-propylbenzene

Concen: 54.935 ug/l

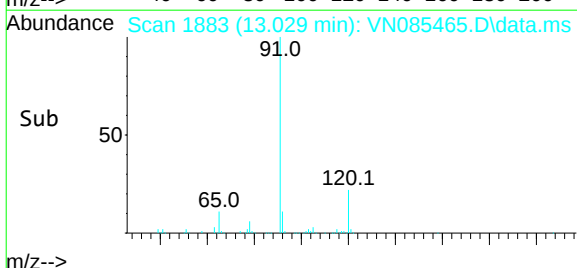
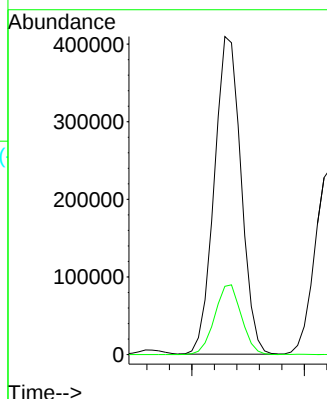
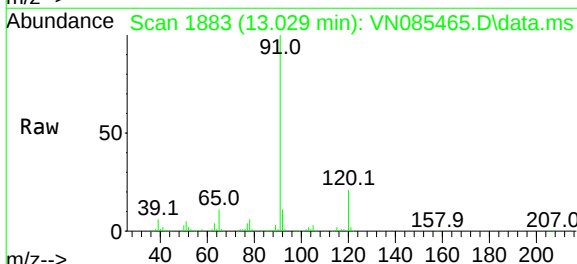
RT: 13.029 min Scan# 1883

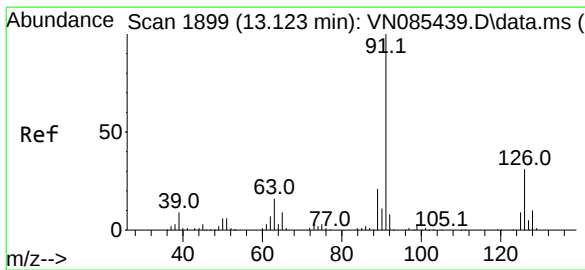
Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion:	91	Resp:	676228
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.6





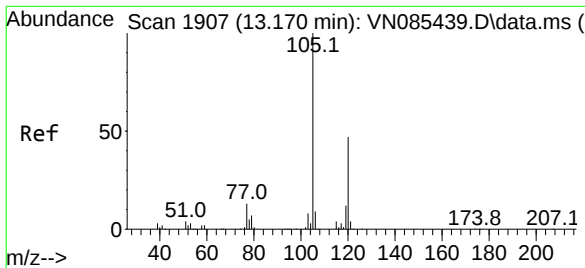
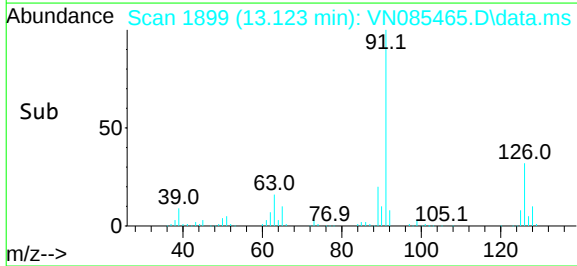
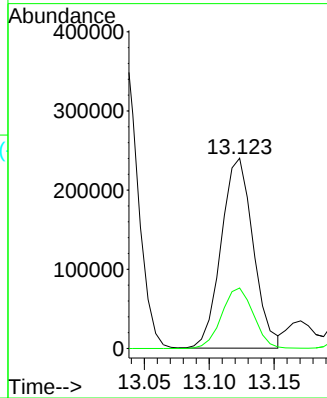
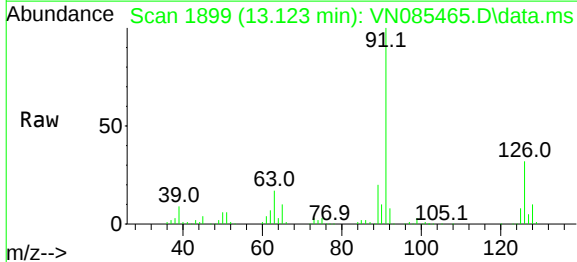
#79
2-Chlorotoluene
Concen: 51.824 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 412865
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1

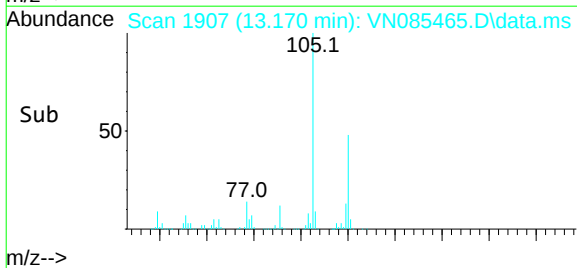
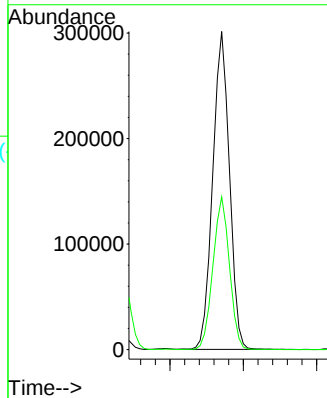
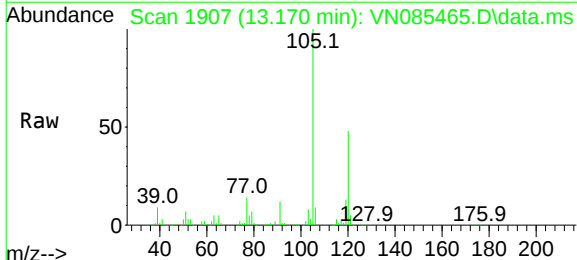
Manual Integrations
APPROVED

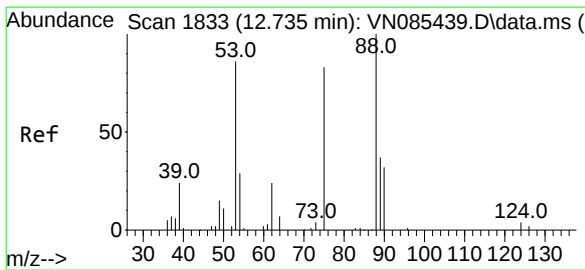
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.477 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:105 Resp: 476484
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7





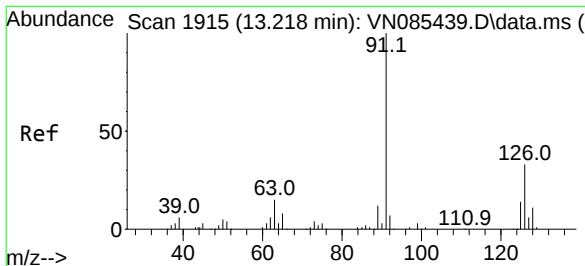
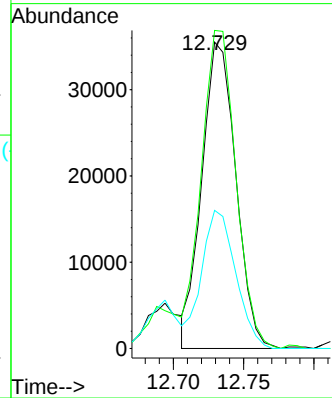
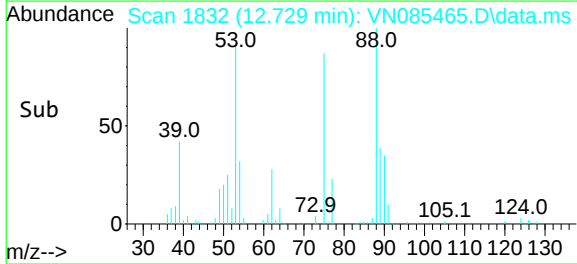
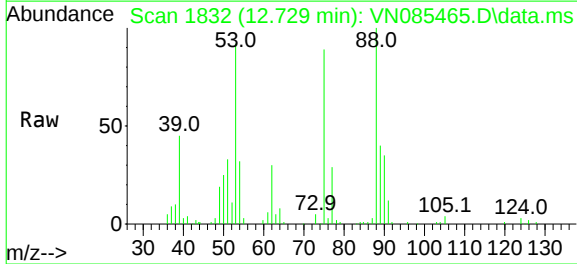
#81
trans-1,4-Dichloro-2-butene
Concen: 51.641 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 59768
Ion Ratio Lower Upper
75 100
53 118.5 95.6 143.4
89 45.5 37.0 55.6

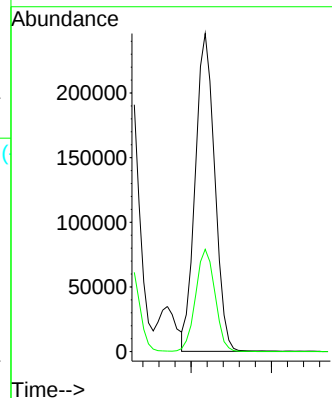
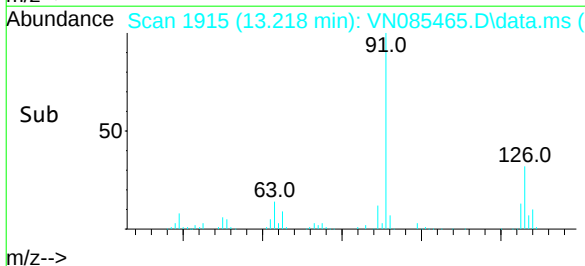
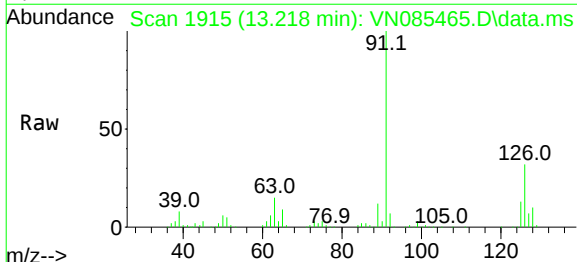
Manual Integrations
APPROVED

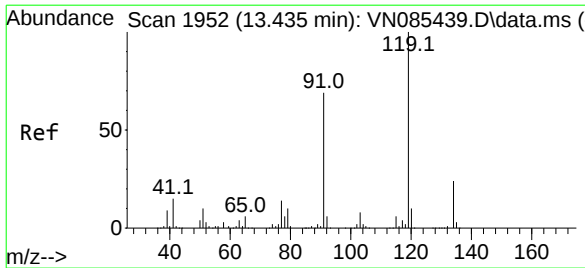
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#82
4-Chlorotoluene
Concen: 52.013 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 91 Resp: 412584
Ion Ratio Lower Upper
91 100
126 32.2 15.9 47.7





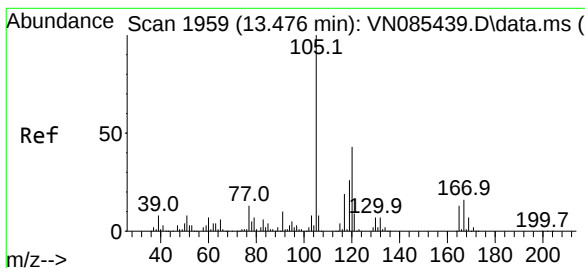
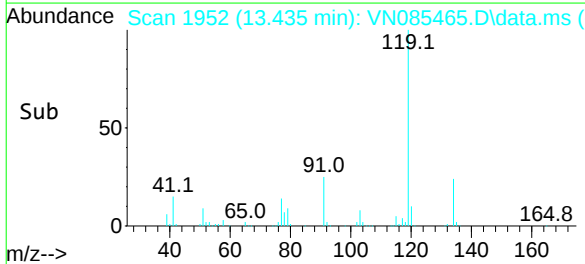
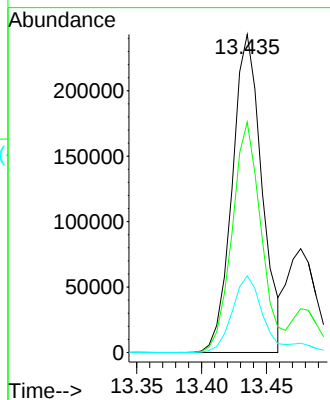
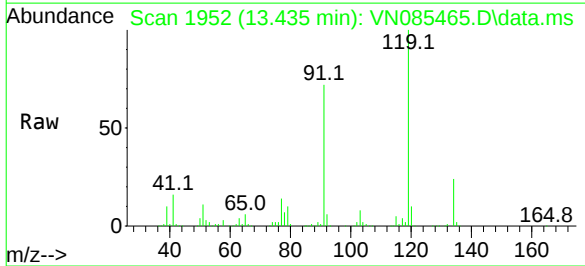
#83
tert-Butylbenzene
Concen: 53.698 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 387308
Ion Ratio Lower Upper
119 100
91 71.4 35.1 105.3
134 24.3 12.0 36.1

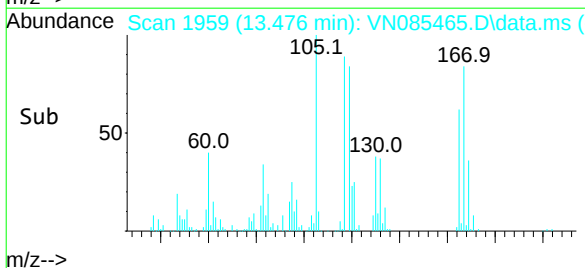
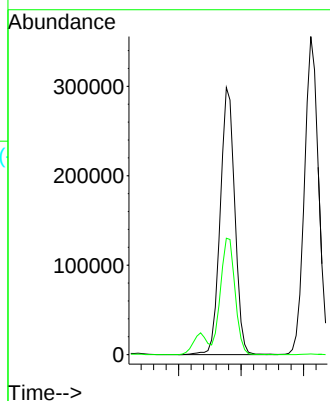
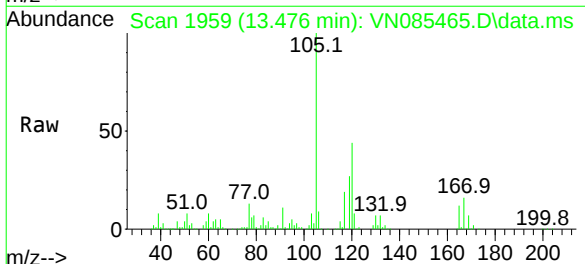
Manual Integrations
APPROVED

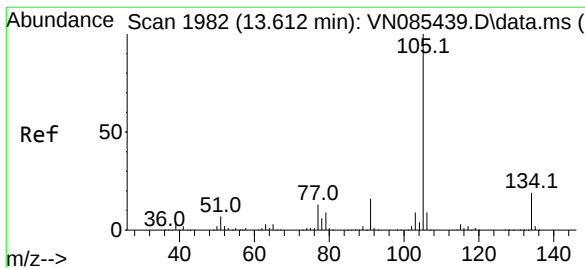
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#84
1,2,4-Trimethylbenzene
Concen: 56.458 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:105 Resp: 483293
Ion Ratio Lower Upper
105 100
120 43.4 21.6 65.0





#85

sec-Butylbenzene

Concen: 55.539 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 555200

Ion Ratio Lower Upper

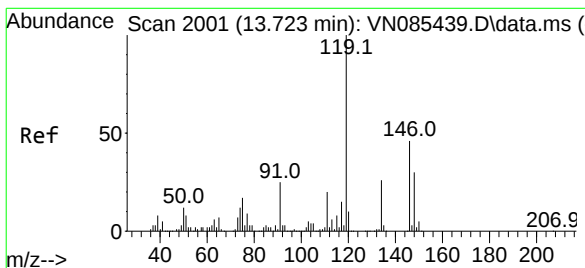
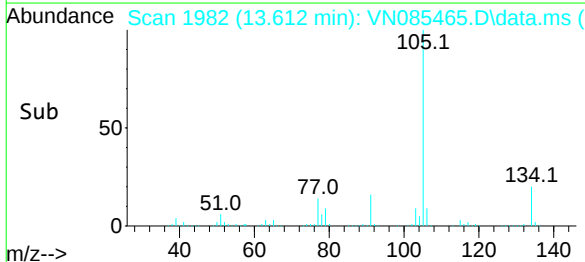
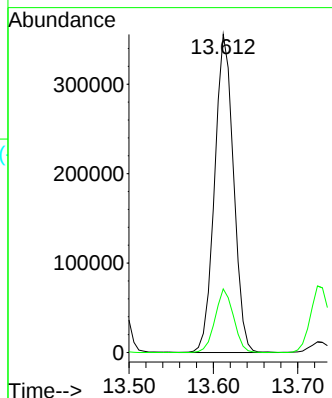
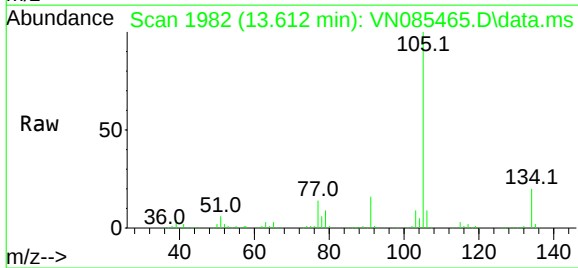
105 100

134 19.4 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#86

p-Isopropyltoluene

Concen: 51.156 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

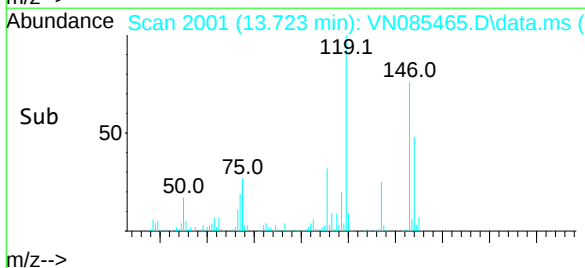
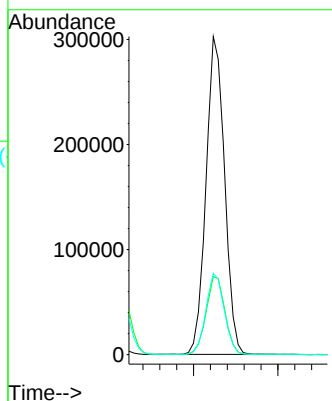
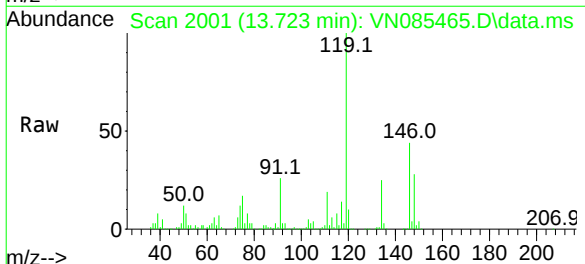
Tgt Ion:119 Resp: 461811

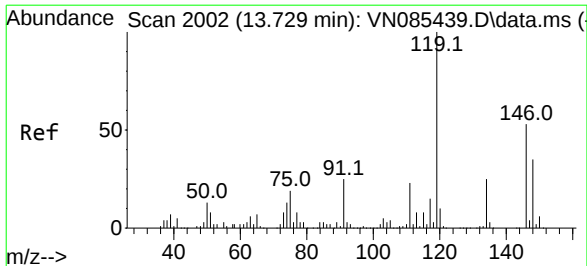
Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.0

91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.869 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

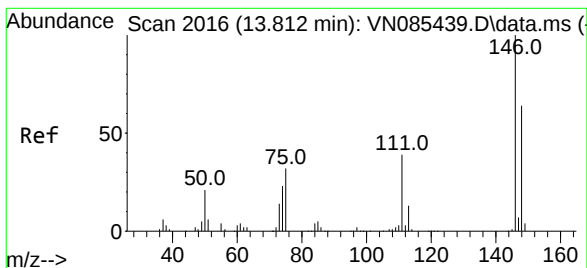
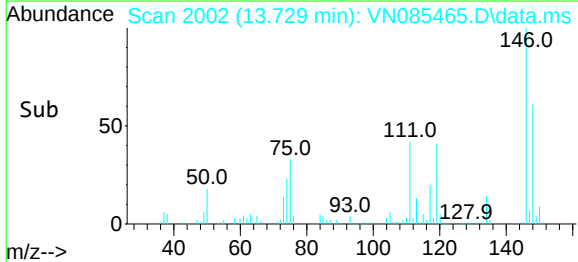
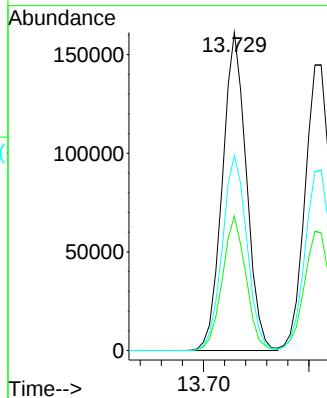
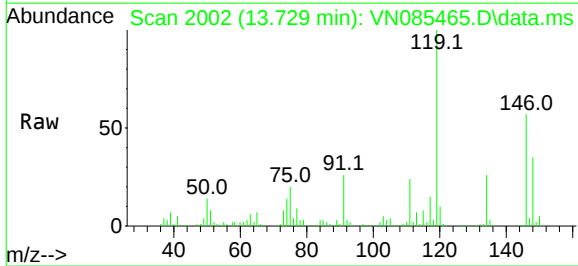
VSTDCCC050

Tgt Ion:	146	Resp:	254498
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.4	64.3
148	62.9	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#88

1,4-Dichlorobenzene

Concen: 47.693 ug/l

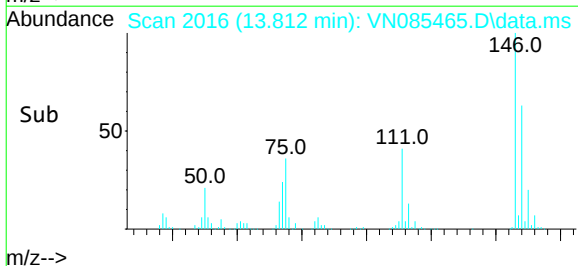
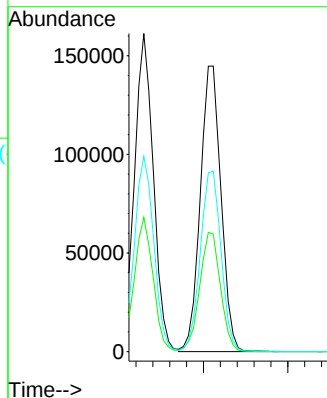
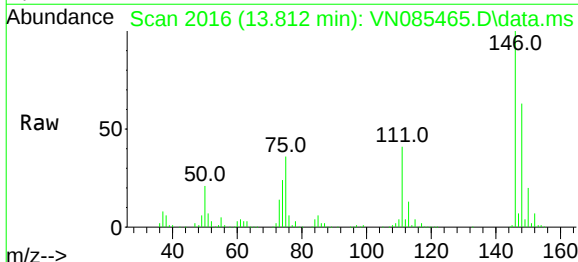
RT: 13.812 min Scan# 2016

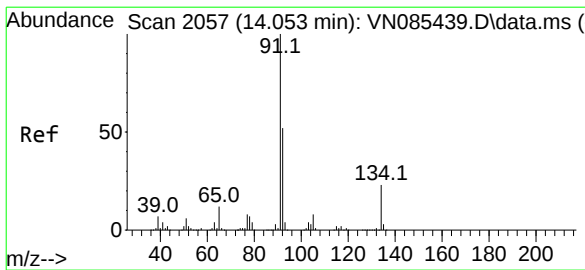
Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion:	146	Resp:	247321
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.3	63.7
148	63.4	32.4	97.0





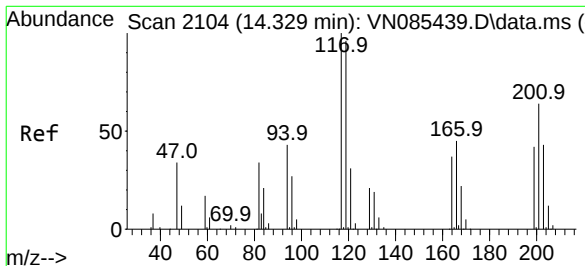
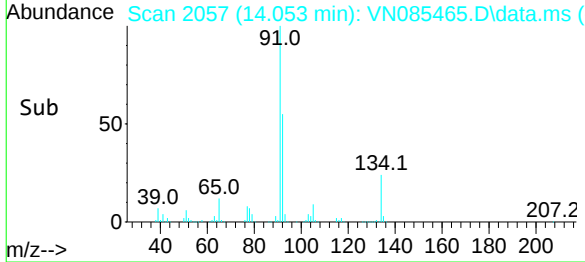
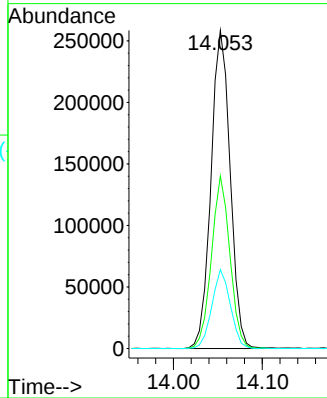
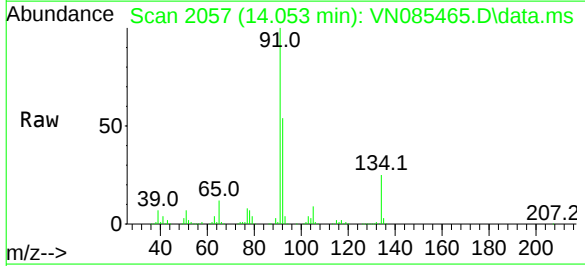
#89
n-Butylbenzene
Concen: 54.107 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.8	77.3
134	23.9	11.7	35.1

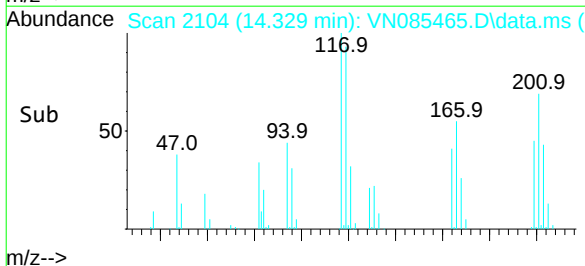
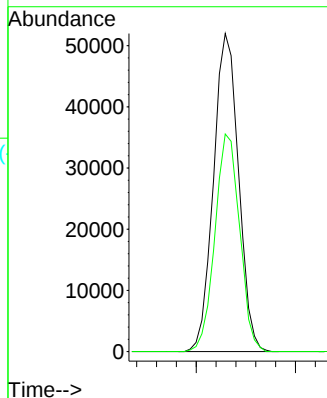
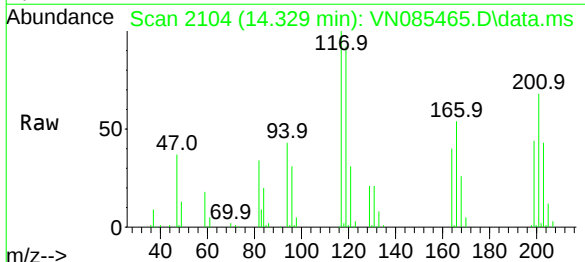
Manual Integrations
APPROVED

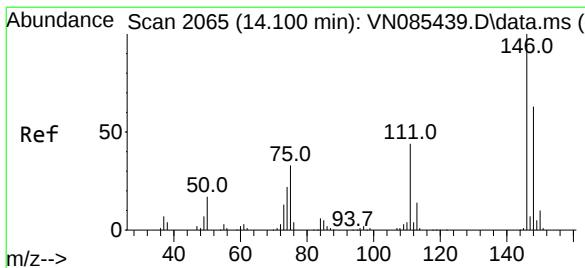
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#90
Hexachloroethane
Concen: 47.911 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

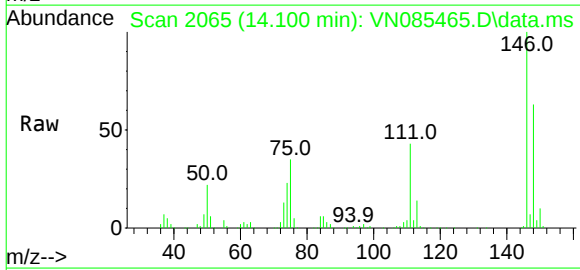
Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	33.7	101.0





#91
1,2-Dichlorobenzene
Concen: 48.449 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

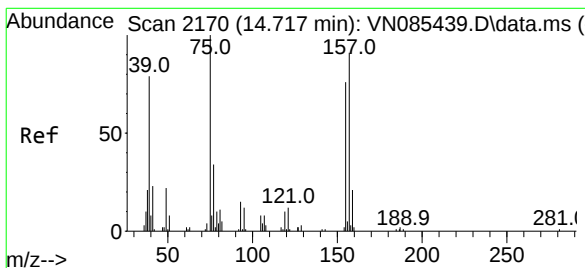
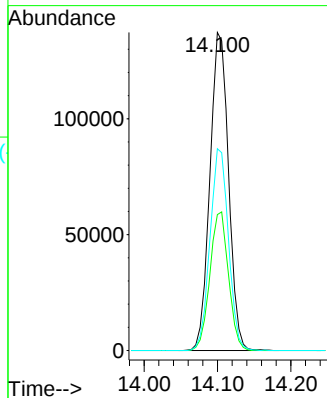
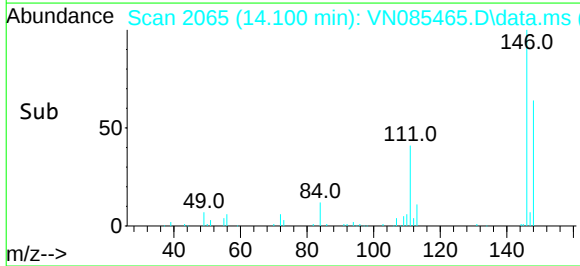
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 241778
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 62.9 31.4 94.2

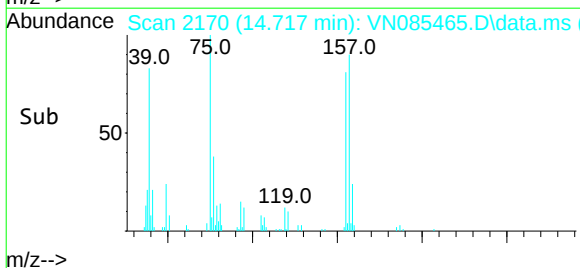
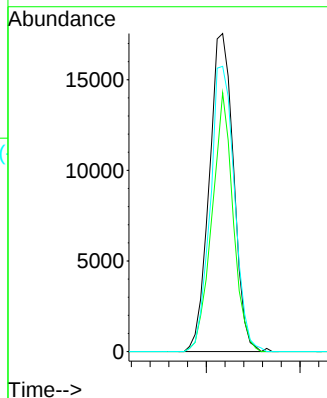
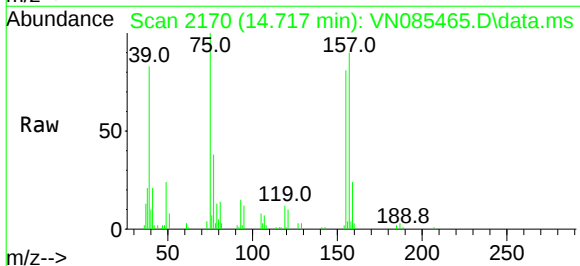
Manual Integrations
APPROVED

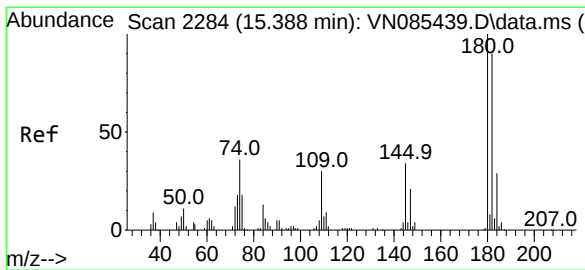
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.231 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

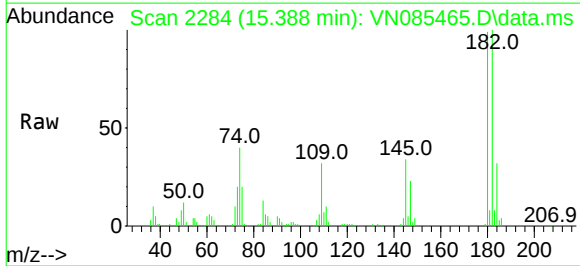
Tgt Ion: 75 Resp: 31679
Ion Ratio Lower Upper
75 100
155 70.8 36.4 109.2
157 89.3 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 48.009 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

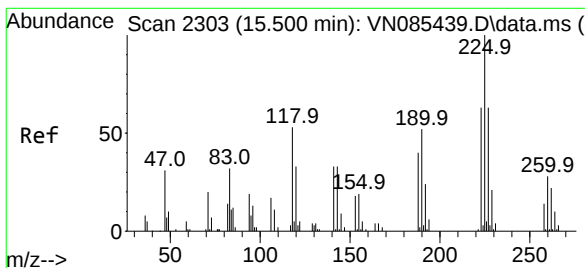
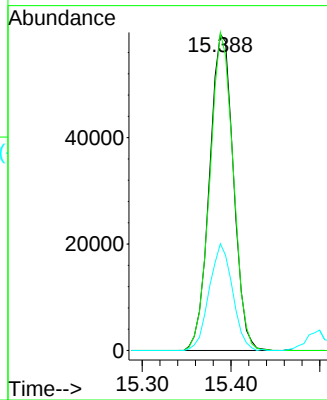
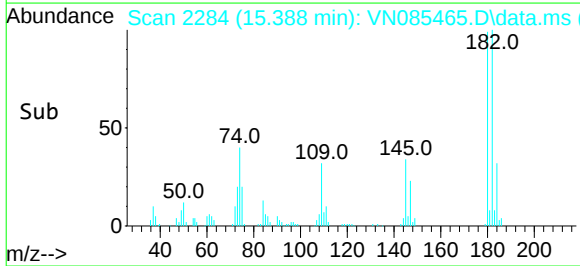
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



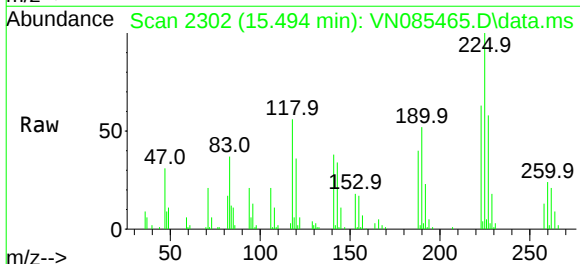
Tgt Ion:180 Resp: 111351
Ion Ratio Lower Upper
180 100
182 98.2 46.8 140.3
145 32.9 16.0 48.0

Manual Integrations
APPROVED

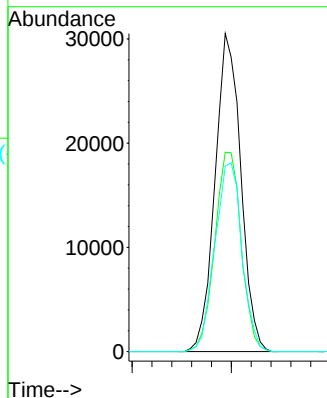
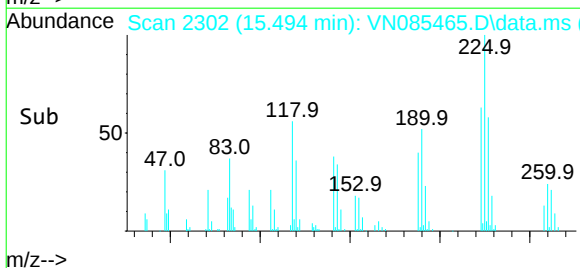
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

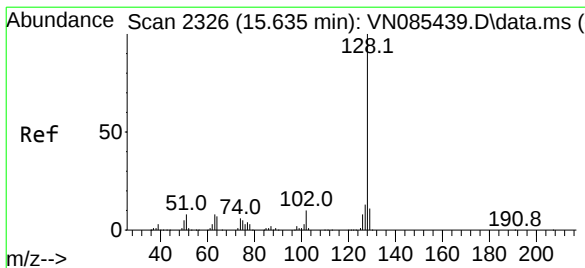


#94
Hexachlorobutadiene
Concen: 44.665 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30



Tgt Ion:225 Resp: 54999
Ion Ratio Lower Upper
225 100
223 64.1 30.7 92.1
227 62.5 30.9 92.5





#95

Naphthalene

Concen: 48.699 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

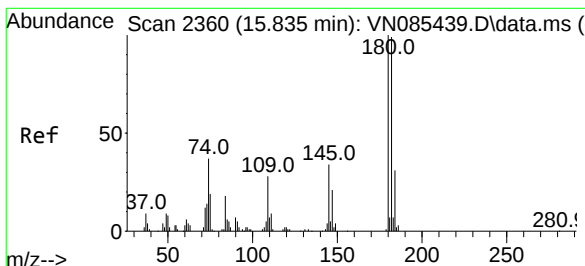
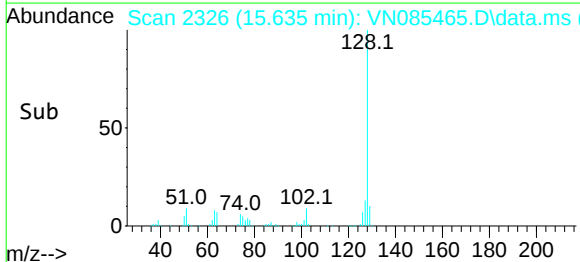
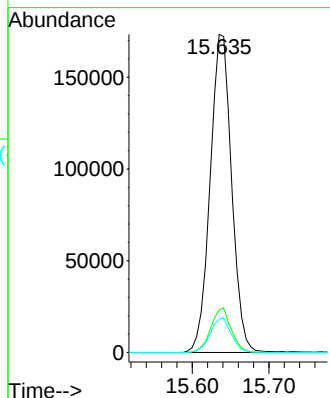
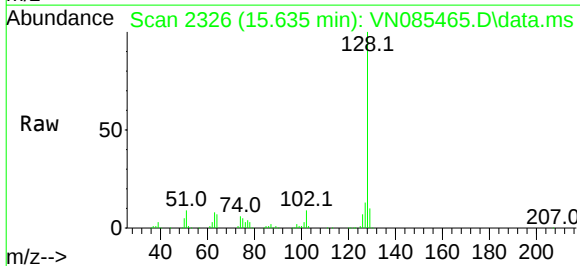
VSTDCCC050

Tgt Ion:	128	Resp:	337055
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.941 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion:	180	Resp:	110163
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.4	142.2
145	35.1	16.9	50.7

