

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082362.D
 Acq On : 29 May 2024 10:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 30 05:38:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	210840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170387	51.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.360%	
35) Dibromofluoromethane	8.165	113	117983	52.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.160%	
50) Toluene-d8	10.565	98	416325	48.390	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	12.847	95	162701	52.983	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	133267	43.841	ug/l	97
3) Chloromethane	2.365	50	139877	40.603	ug/l	97
4) Vinyl Chloride	2.518	62	177241	54.727	ug/l	100
5) Bromomethane	2.948	94	83720	44.973	ug/l	97
6) Chloroethane	3.118	64	97259	45.991	ug/l	96
7) Trichlorofluoromethane	3.495	101	212672	50.148	ug/l	96
8) Diethyl Ether	3.959	74	89858	59.477	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	121357	48.986	ug/l	99
10) Methyl Iodide	4.589	142	138585	55.646	ug/l	94
11) Tert butyl alcohol	5.518	59	142633	266.897	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114748	49.833	ug/l	87
13) Acrolein	4.177	56	108806	274.749	ug/l	98
14) Allyl chloride	5.018	41	233783	47.421	ug/l #	89
15) Acrylonitrile	5.718	53	375103	271.015	ug/l	99
16) Acetone	4.424	43	361458	264.668	ug/l #	88
17) Carbon Disulfide	4.712	76	305271	41.047	ug/l	99
18) Methyl Acetate	5.024	43	187205	55.042	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	501317	59.563	ug/l	95
20) Methylene Chloride	5.277	84	145301	52.732	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	123788	49.332	ug/l #	78
22) Diisopropyl ether	6.671	45	552580	53.678	ug/l #	93
23) Vinyl Acetate	6.600	43	2232105	275.014	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	273546	51.554	ug/l	97
25) 2-Butanone	7.483	43	538725	260.175	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	239355	53.857	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	162845	54.990	ug/l	84
28) Bromochloromethane	7.812	49	111700	48.364	ug/l #	80
29) Tetrahydrofuran	7.835	42	355981	267.765	ug/l #	85
30) Chloroform	7.965	83	282304	55.715	ug/l	97
31) Cyclohexane	8.259	56	223004	41.939	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	243831	54.242	ug/l	93
36) 1,1-Dichloropropene	8.371	75	186078	49.441	ug/l	96
37) Ethyl Acetate	7.559	43	229328	54.447	ug/l	95
38) Carbon Tetrachloride	8.365	117	204621	53.633	ug/l	99
39) Methylcyclohexane	9.600	83	194933	47.251	ug/l #	87
40) Benzene	8.606	78	586417	52.251	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	131377	53.036	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	239562	55.500	ug/l	94
43) Isopropyl Acetate	8.688	43	414988	55.604	ug/l #	90
44) Trichloroethene	9.353	130	133253	52.268	ug/l	94
45) 1,2-Dichloropropane	9.624	63	154126	53.225	ug/l	97
46) Dibromomethane	9.712	93	107756	56.680	ug/l	99
47) Bromodichloromethane	9.888	83	232914	58.033	ug/l	96
48) Methyl methacrylate	9.682	41	197068	55.414	ug/l #	82
49) 1,4-Dioxane	9.694	88	58266	1169.220	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1186383	279.779	ug/l	91
52) Toluene	10.629	92	365278	54.235	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	250842	60.432	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	257816	58.678	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	143581	58.663	ug/l	98
56) Ethyl methacrylate	10.871	69	254980	61.360	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	256734	56.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	550696	256.925	ug/l	93
59) 2-Hexanone	11.194	43	873098	281.203	ug/l	91
60) Dibromochloromethane	11.359	129	174138	64.470	ug/l	98
61) 1,2-Dibromoethane	11.471	107	146281	58.187	ug/l	99
64) Tetrachloroethene	11.106	164	127157	50.886	ug/l	98
65) Chlorobenzene	11.894	112	403677	54.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	146111	59.557	ug/l	99
67) Ethyl Benzene	11.965	91	712405	53.471	ug/l	98
68) m/p-Xylenes	12.070	106	533015	109.156	ug/l	94
69) o-Xylene	12.400	106	265442	56.118	ug/l	92
70) Styrene	12.412	104	460235	58.579	ug/l	96
71) Bromoform	12.582	173	119283	60.977	ug/l #	99
73) Isopropylbenzene	12.694	105	671696	52.479	ug/l	98
74) N-amyl acetate	12.494	43	368541	52.347	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	201755	54.683	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	187204m	55.207	ug/l	
77) Bromobenzene	12.982	156	167317	54.854	ug/l	91
78) n-propylbenzene	13.035	91	789542	52.093	ug/l	97
79) 2-Chlorotoluene	13.123	91	489046	51.385	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	556370	53.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	91014	62.778	ug/l	88
82) 4-Chlorotoluene	13.223	91	492912	52.971	ug/l	96
83) tert-Butylbenzene	13.441	119	473751	52.324	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	572077	54.029	ug/l	98
85) sec-Butylbenzene	13.617	105	653590	52.080	ug/l	98
86) p-Isopropyltoluene	13.729	119	551918	54.114	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	299744	54.242	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	298177	52.868	ug/l	97
89) n-Butylbenzene	14.059	91	483662	52.760	ug/l	98
90) Hexachloroethane	14.335	117	102180	54.073	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	289306	55.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45635	60.201	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	167449	57.109	ug/l	98
94) Hexachlorobutadiene	15.500	225	64954	50.486	ug/l	98
95) Naphthalene	15.641	128	562413	61.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164284	55.970	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N

Client SampleId :

VSTDCCC050

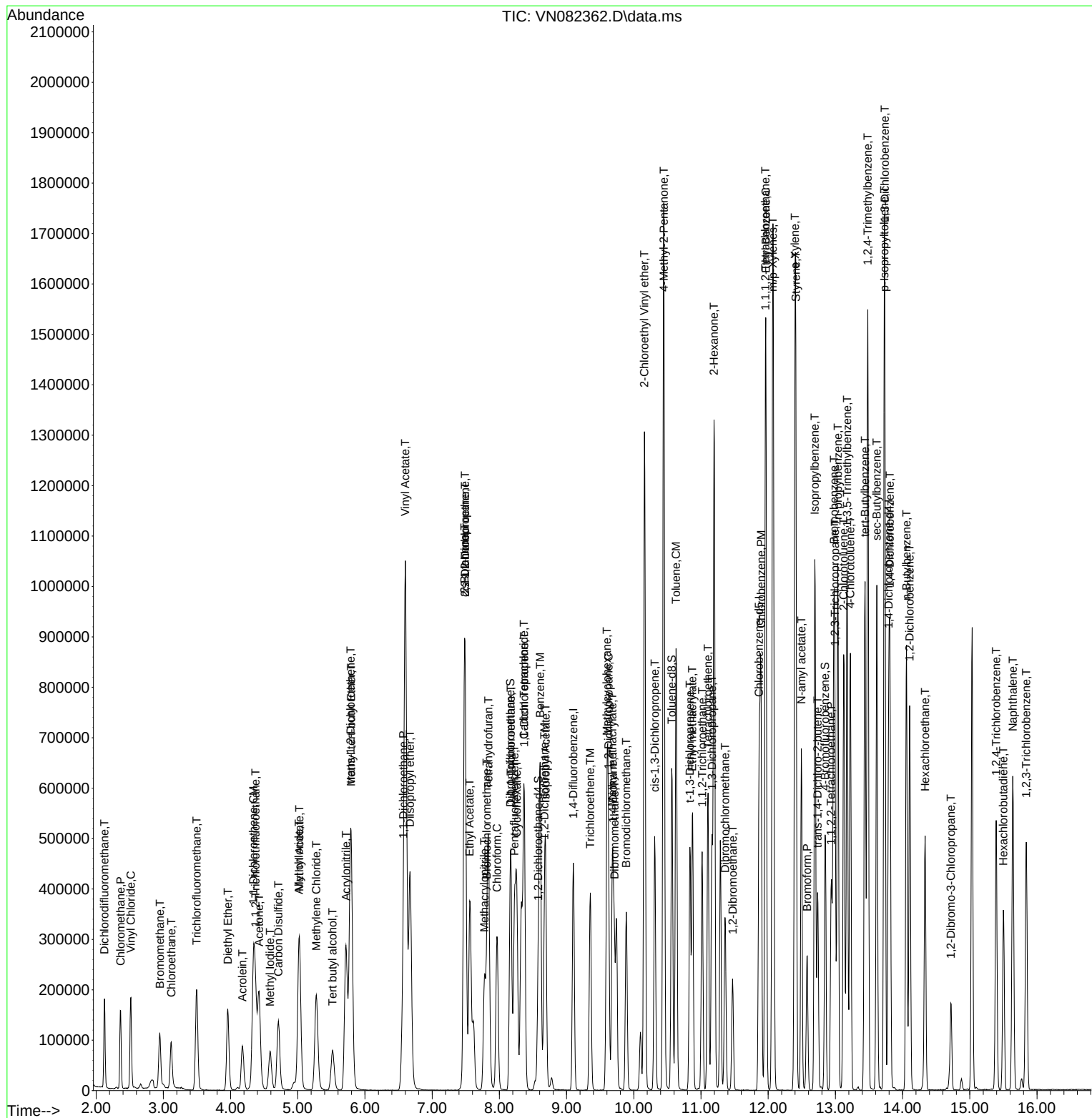
Manual Integrations

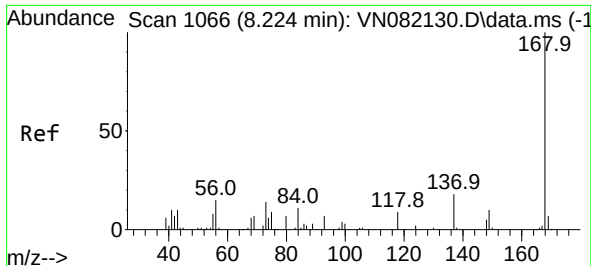
APPROVED

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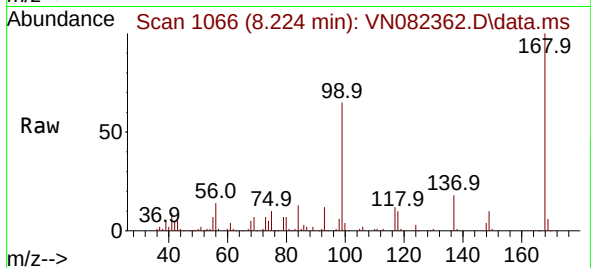
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082362.D
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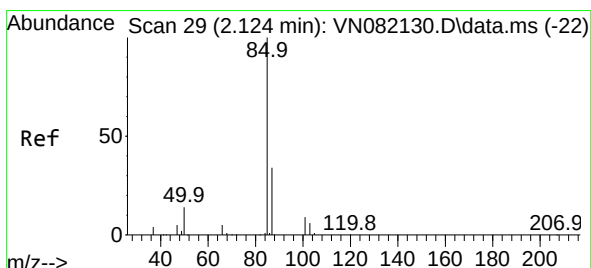
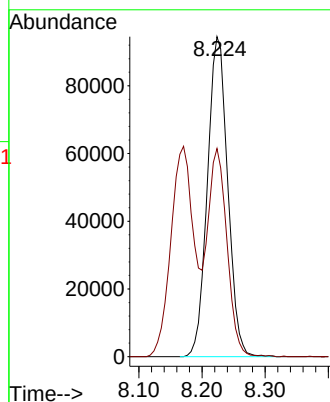
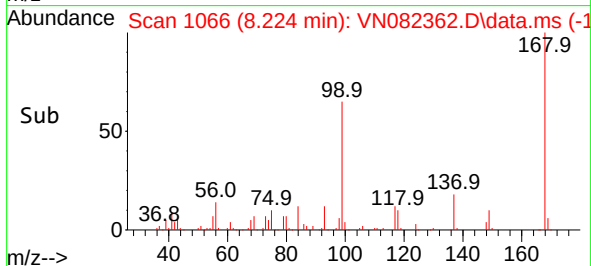
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 210840
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4

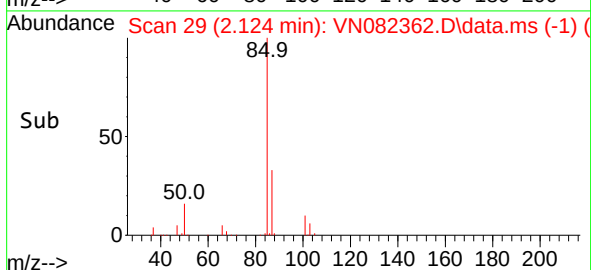
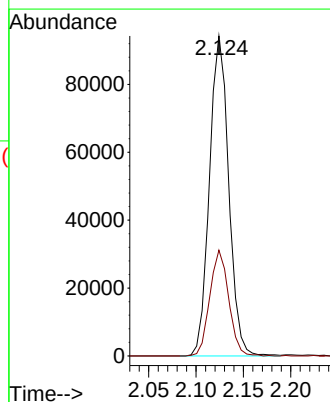
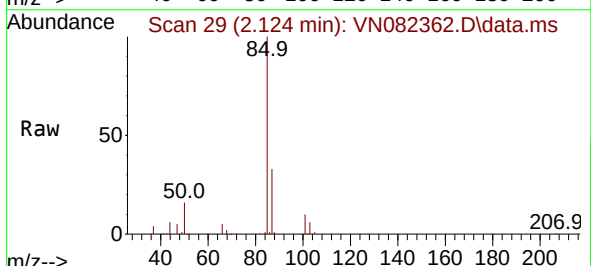
Manual Integrations
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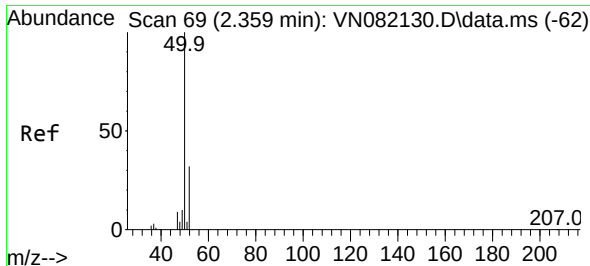
Reviewed By :John Carlone 05/30/2024
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#2
Dichlorodifluoromethane
Concen: 43.841 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

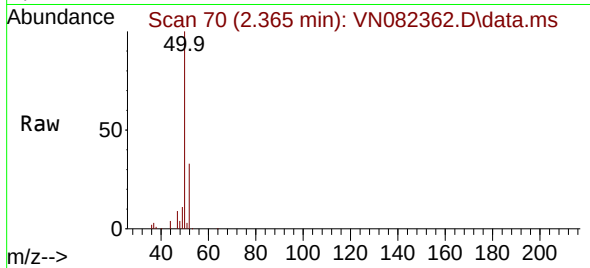
Tgt Ion: 85 Resp: 133267
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3
Chloromethane
Concen: 40.603 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

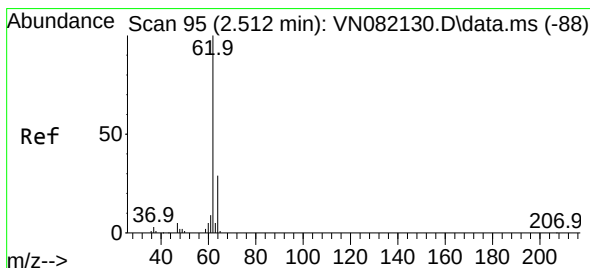
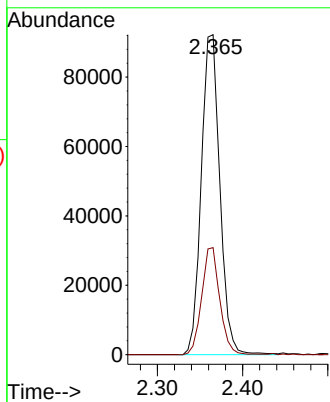
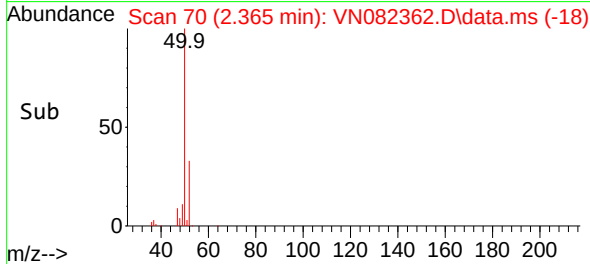
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 13987
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

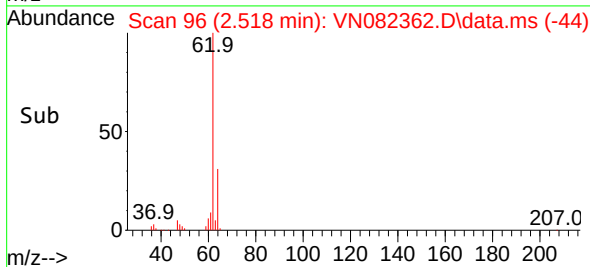
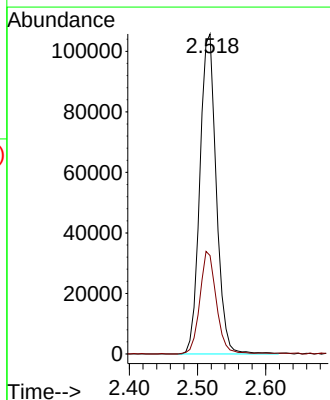
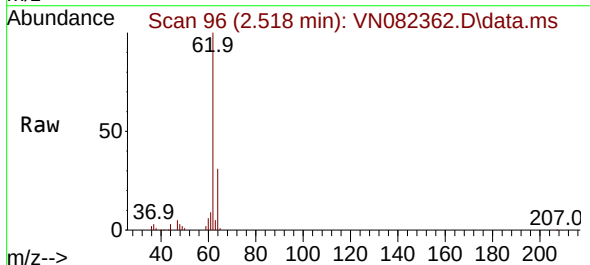
Manual Integrations
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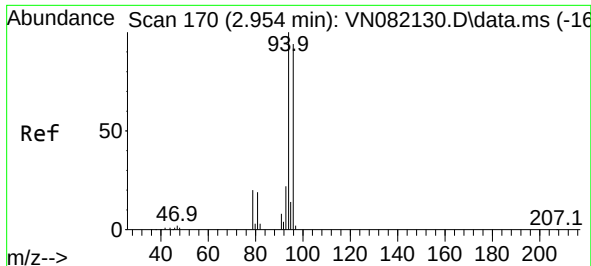
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#4
Vinyl Chloride
Concen: 54.727 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

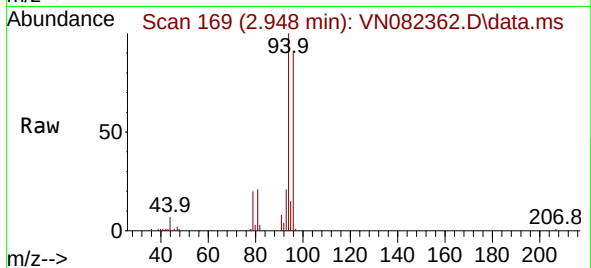
Tgt Ion: 62 Resp: 177241
Ion Ratio Lower Upper
62 100
64 30.8 24.6 37.0





#5
Bromomethane
Concen: 44.973 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

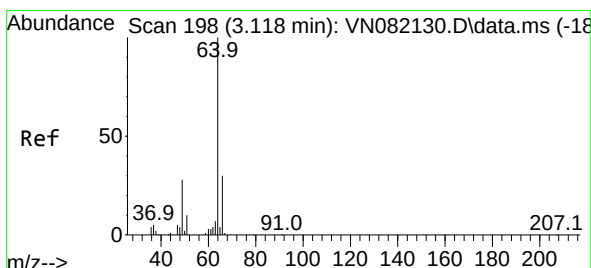
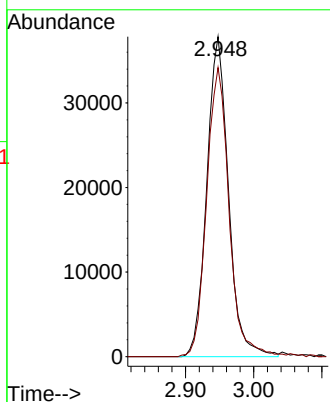
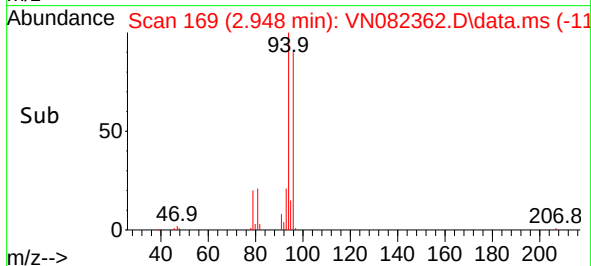
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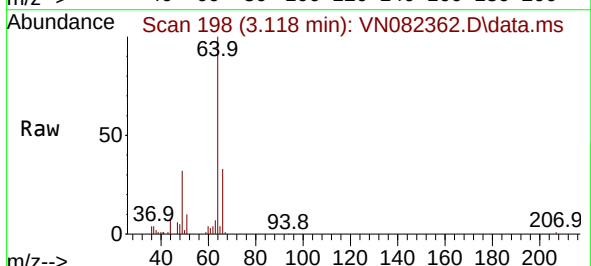
Tgt Ion: 94 Resp: 83720
Ion Ratio Lower Upper
94 100
96 90.3 74.8 112.2

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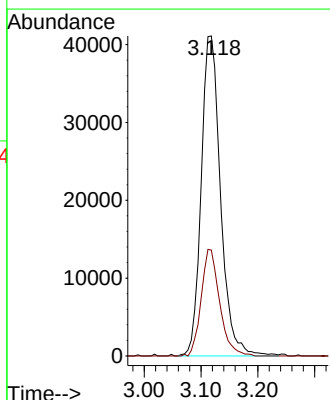
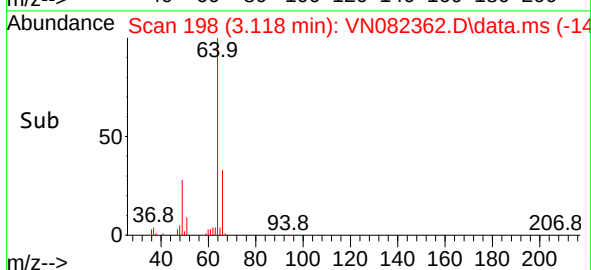
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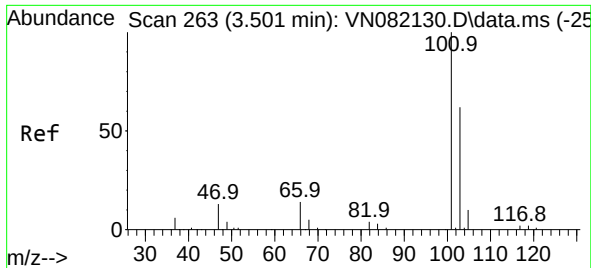


#6
Chloroethane
Concen: 45.991 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082362.D
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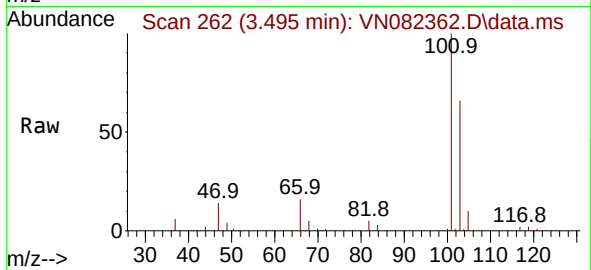
Tgt Ion: 64 Resp: 97259
Ion Ratio Lower Upper
64 100
66 33.1 24.7 37.1





#7
Trichlorofluoromethane
Concen: 50.148 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

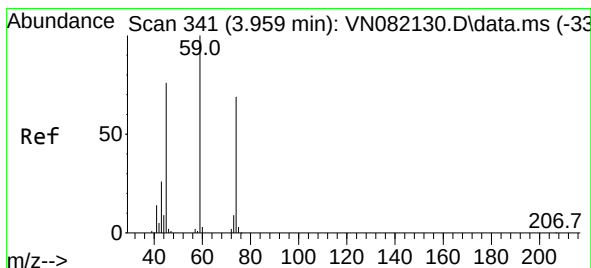
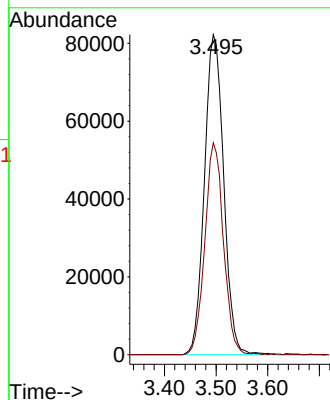
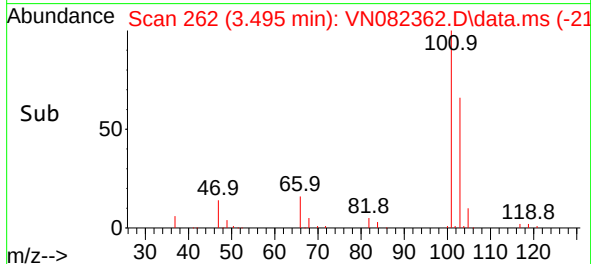
Instrument :
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Tgt Ion:101 Resp: 212672
Ion Ratio Lower Upper
101 100
103 66.2 50.6 75.8

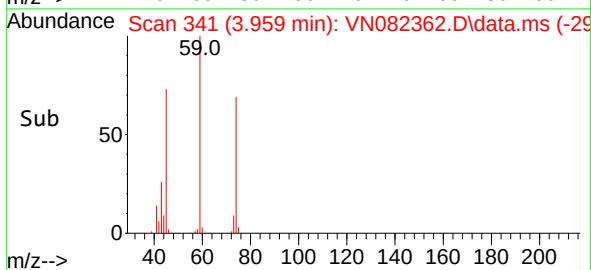
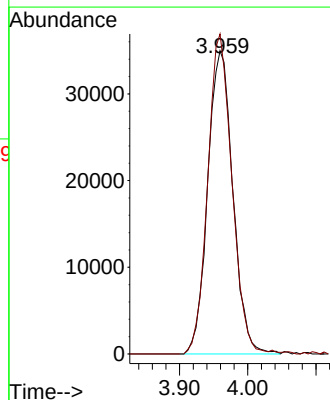
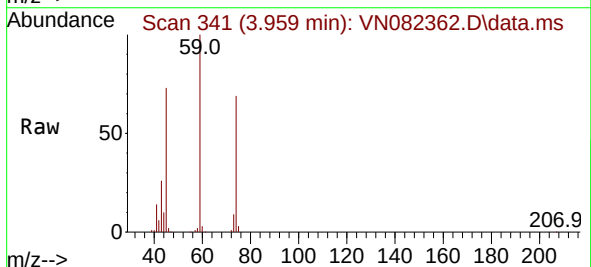
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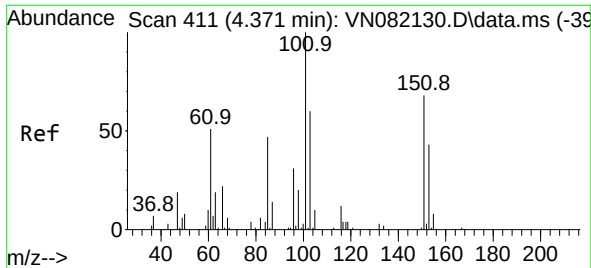
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#8
Diethyl Ether
Concen: 59.477 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion: 74 Resp: 89858
Ion Ratio Lower Upper
74 100
45 101.6 42.4 127.3





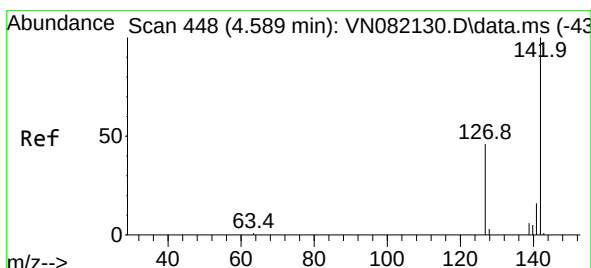
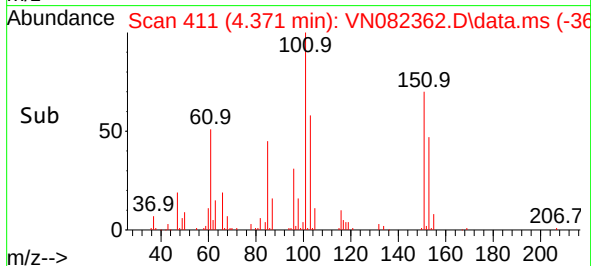
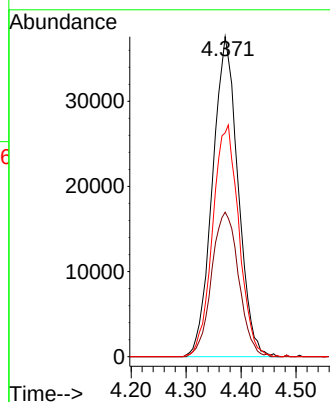
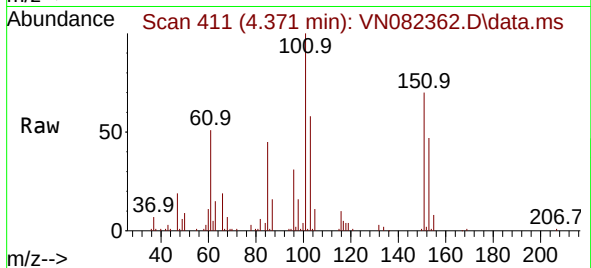
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.986 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12135
Ion Ratio Lower Upper
101 100
85 47.9 37.3 55.9
151 74.5 59.2 88.8

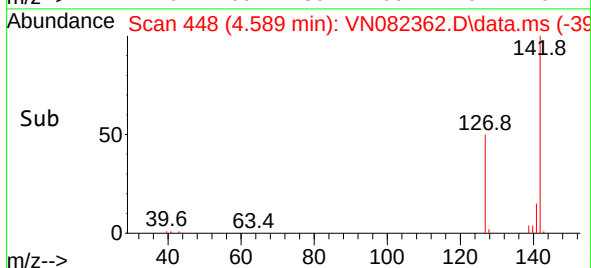
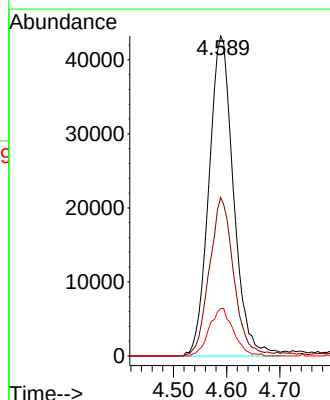
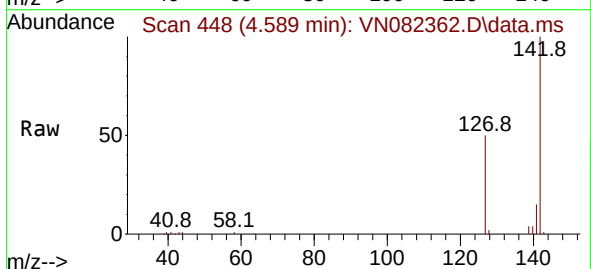
Manual Integrations
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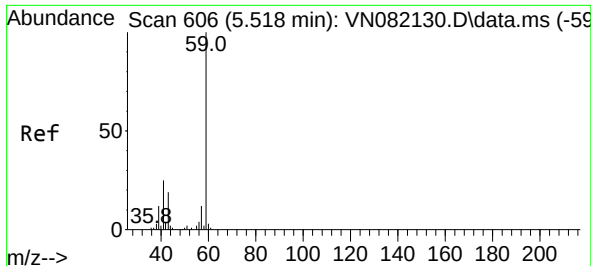
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#10
Methyl Iodide
Concen: 55.646 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

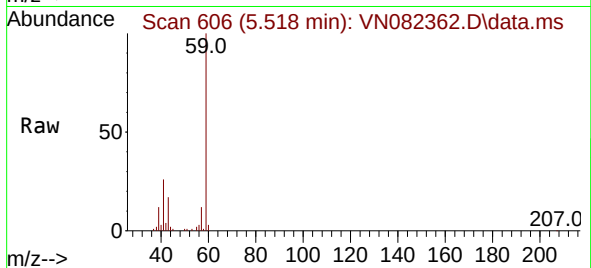
Tgt Ion:142 Resp: 138585
Ion Ratio Lower Upper
142 100
127 49.5 35.8 53.6
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 266.897 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

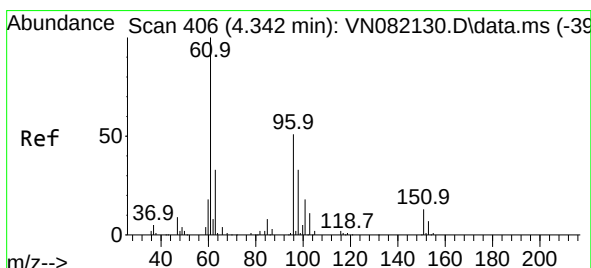
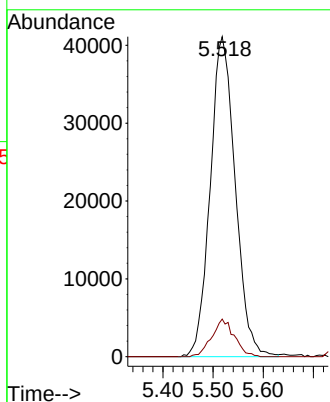
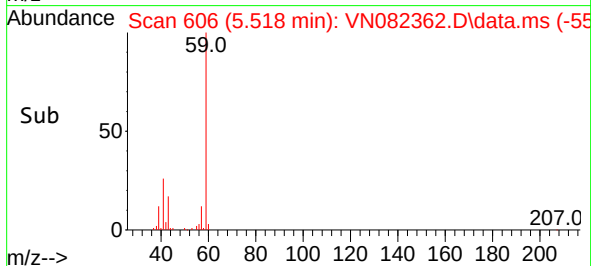
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



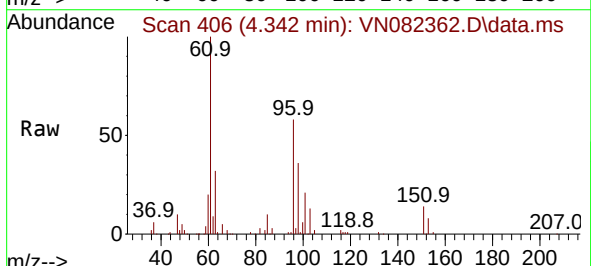
Tgt Ion: 59 Resp: 14263
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

Manual Integrations
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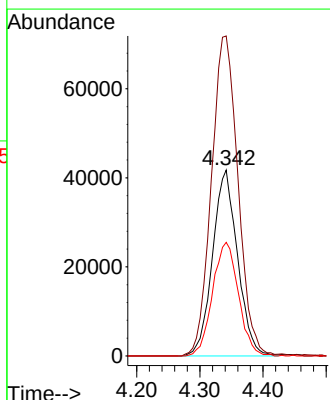
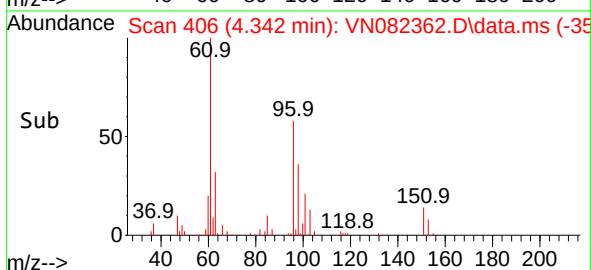
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

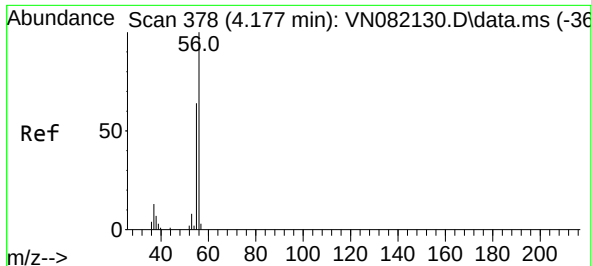


#12
1,1-Dichloroethene
Concen: 49.833 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion: 96 Resp: 114748
Ion Ratio Lower Upper
96 100
61 172.1 119.7 179.5
98 61.1 49.6 74.4





#13

Acrolein

Concen: 274.749 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 108800

Ion Ratio Lower Upper

56 100

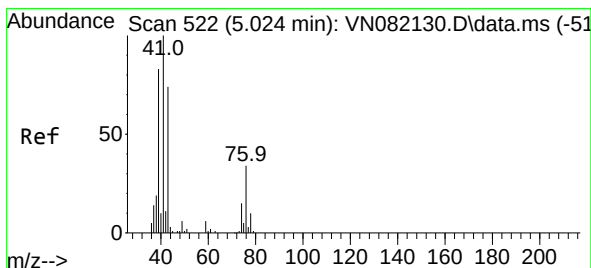
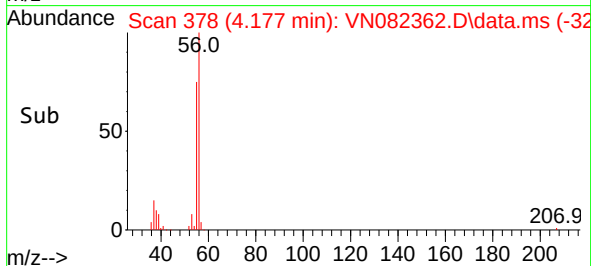
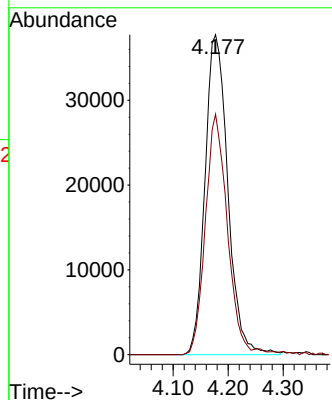
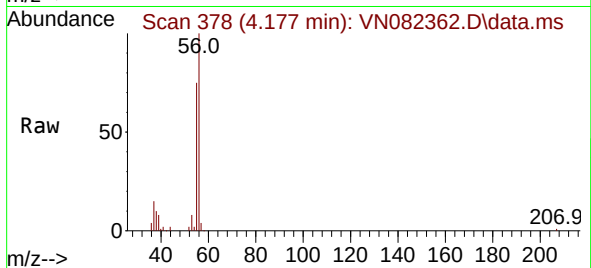
55 71.7 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#14

Allyl chloride

Concen: 47.421 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

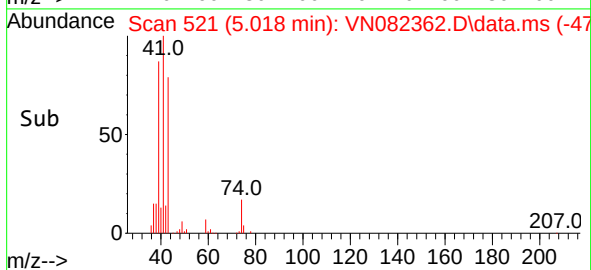
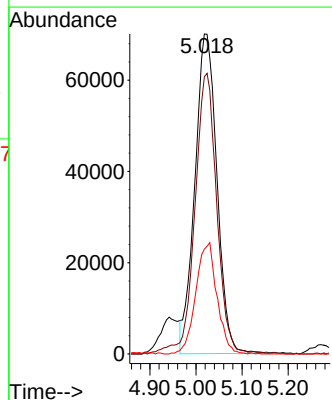
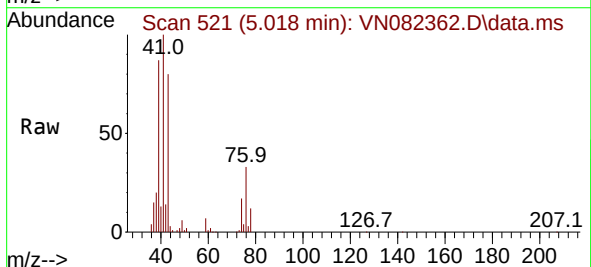
Tgt Ion: 41 Resp: 233783

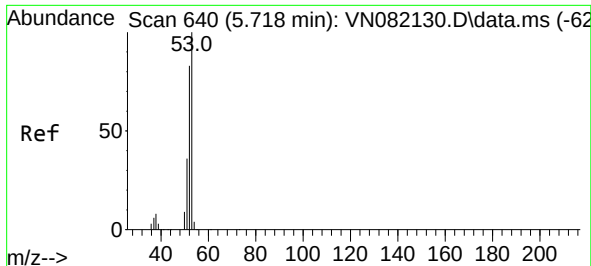
Ion Ratio Lower Upper

41 100

39 86.9 65.4 98.0

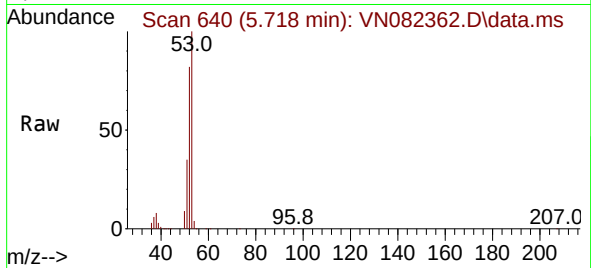
76 33.4 37.3 55.9#





#15
Acrylonitrile
Concen: 271.015 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

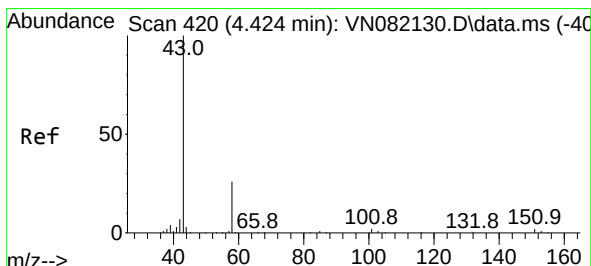
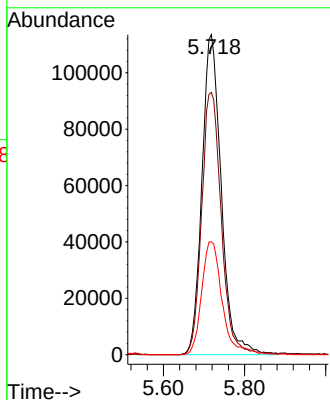
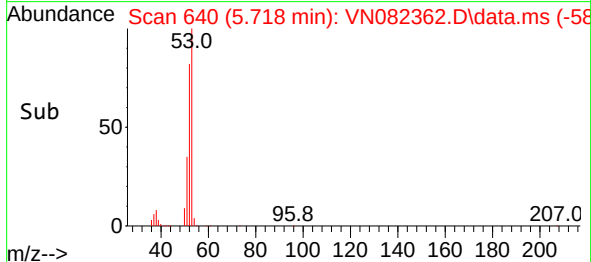
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



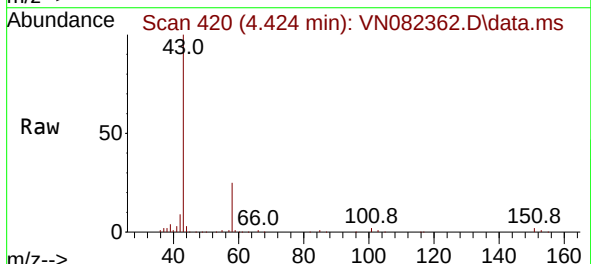
Tgt Ion: 53 Resp: 37510
Ion Ratio Lower Upper
53 100
52 83.2 66.1 99.1
51 37.4 29.4 44.2

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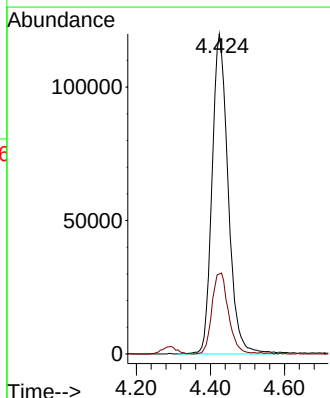
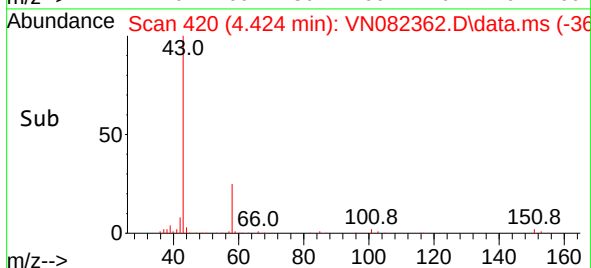
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

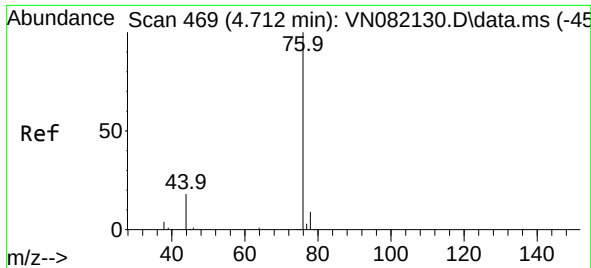


#16
Acetone
Concen: 264.668 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



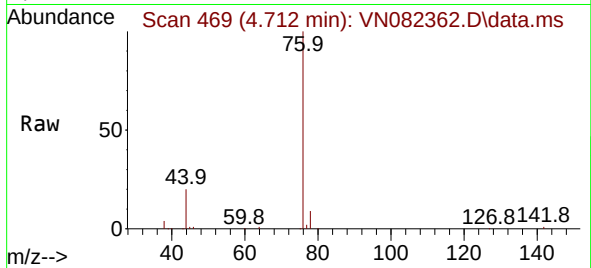
Tgt Ion: 43 Resp: 361458
Ion Ratio Lower Upper
43 100
58 25.0 25.2 37.8#





#17
Carbon Disulfide
Concen: 41.047 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

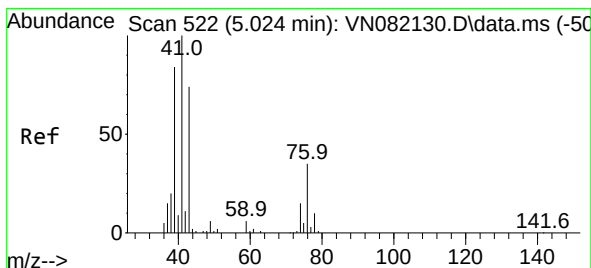
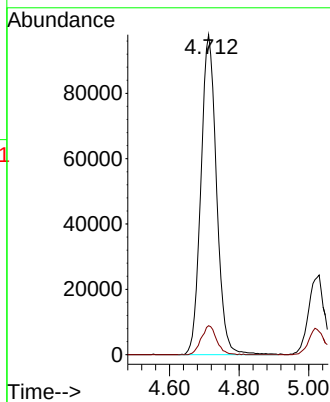
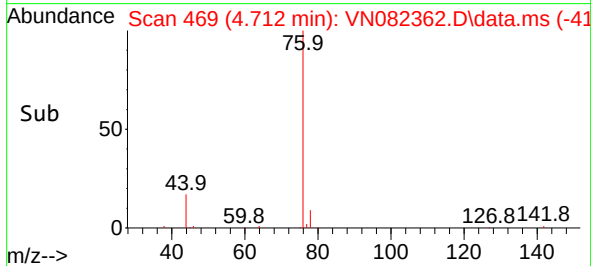
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 76 Resp: 30527
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

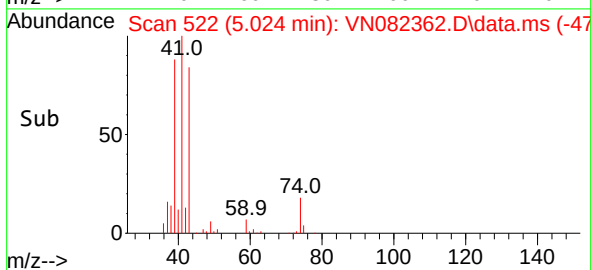
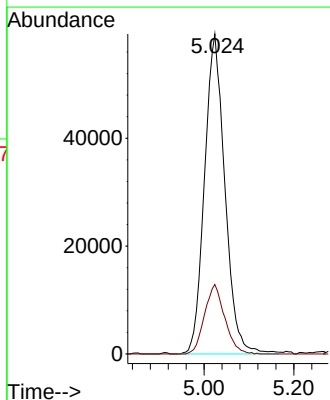
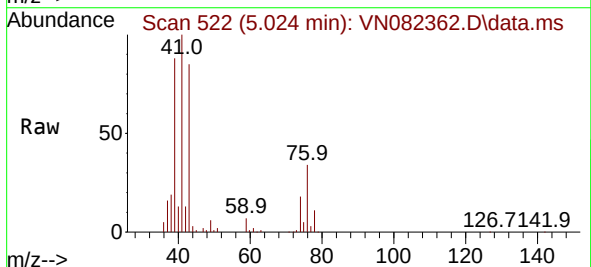
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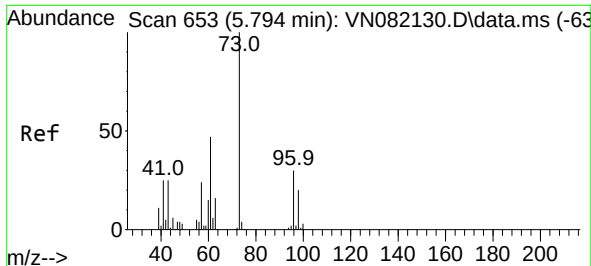
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#18
Methyl Acetate
Concen: 55.042 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

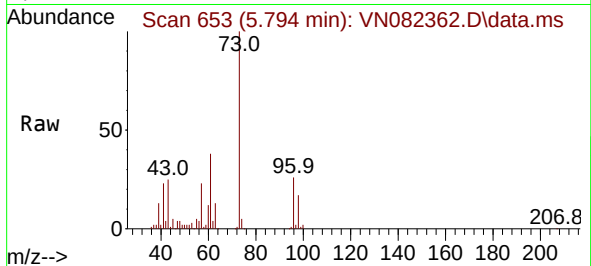
Tgt Ion: 43 Resp: 187205
Ion Ratio Lower Upper
43 100
74 21.5 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 59.563 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

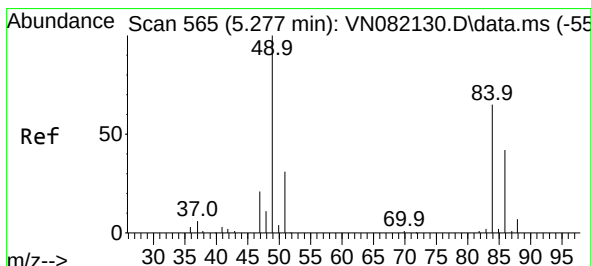
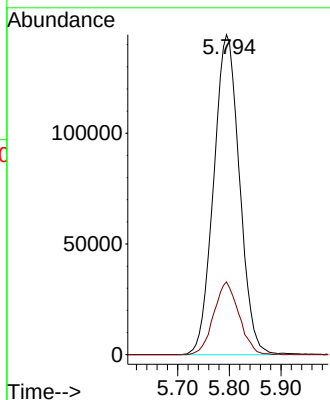
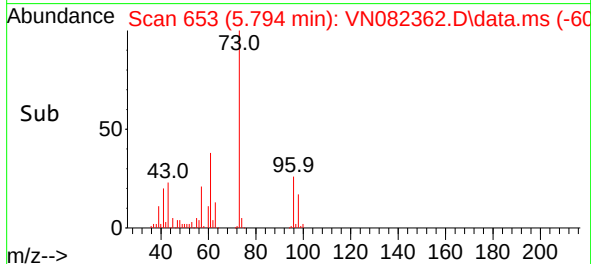
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 50131
Ion Ratio Lower Upper
73 100
57 22.7 16.5 24.7

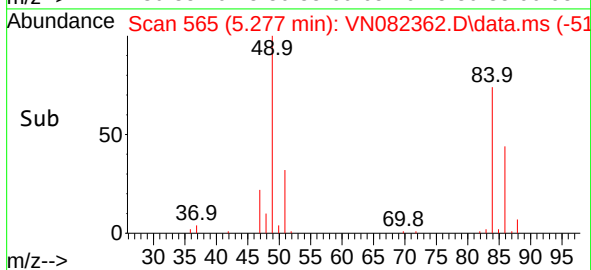
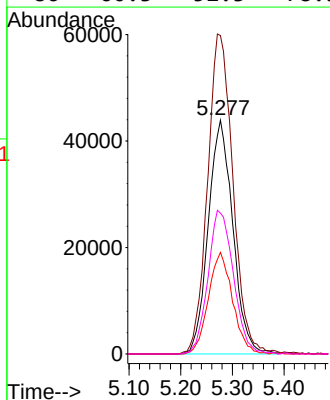
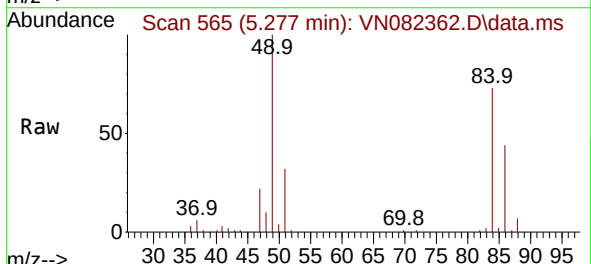
Manual Integrations
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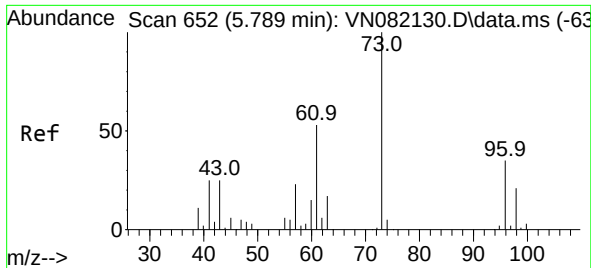
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#20
Methylene Chloride
Concen: 52.732 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

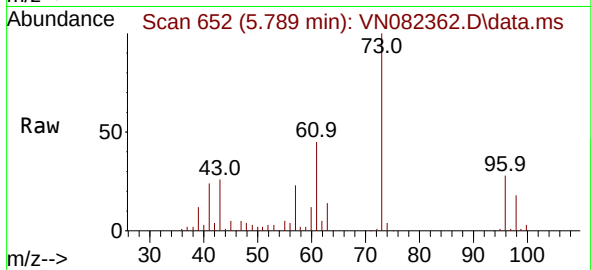
Tgt Ion: 84 Resp: 145301
Ion Ratio Lower Upper
84 100
49 136.2 84.9 127.3#
51 43.5 27.0 40.6#
86 60.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.332 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

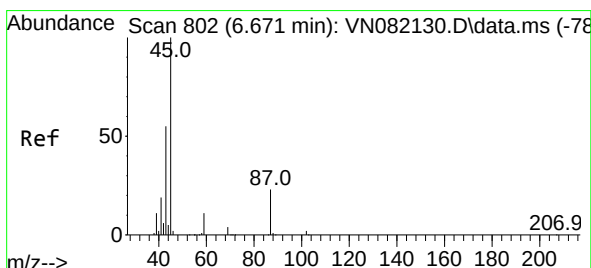
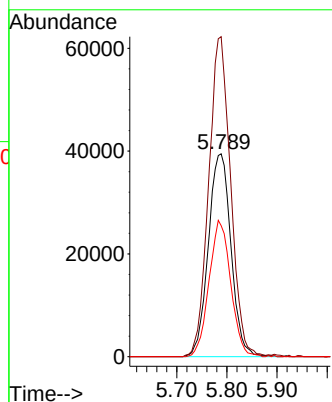
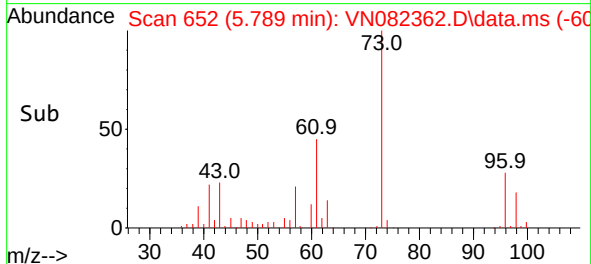
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



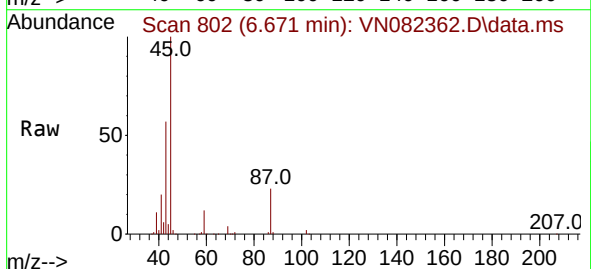
Tgt Ion: 96 Resp: 123788
Ion Ratio Lower Upper
96 100
61 157.7 96.5 144.7
98 64.6 51.3 76.9

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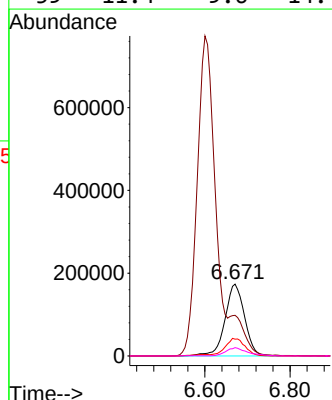
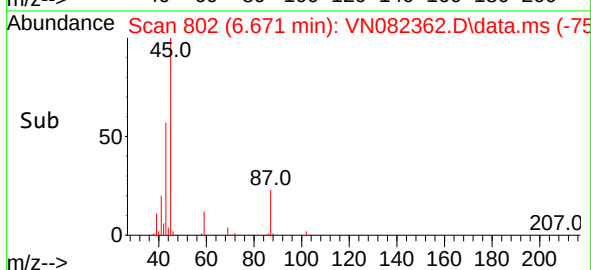
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

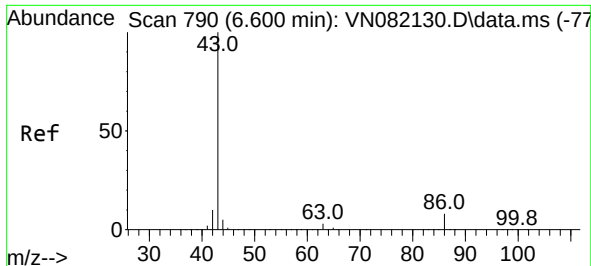


#22
Diisopropyl ether
Concen: 53.678 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion: 45 Resp: 552580
Ion Ratio Lower Upper
45 100
43 55.9 44.1 66.1
87 23.4 27.0 40.6
59 11.4 9.6 14.4





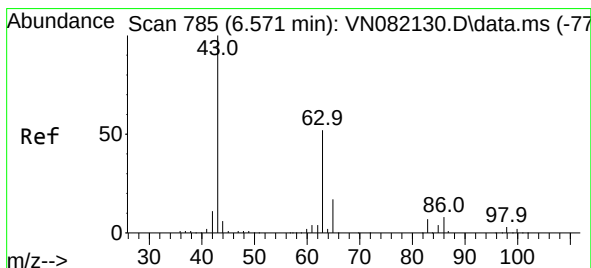
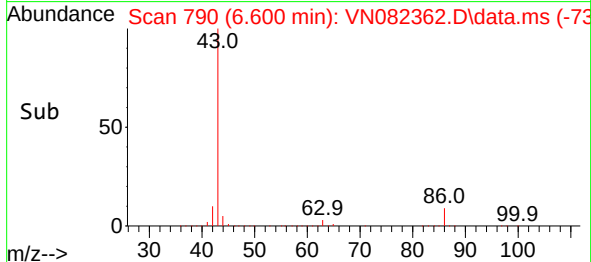
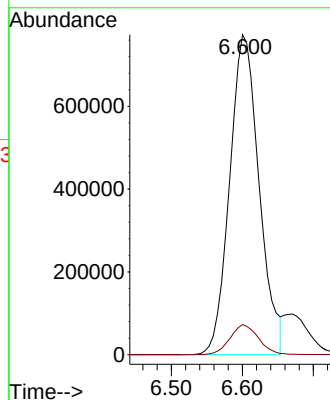
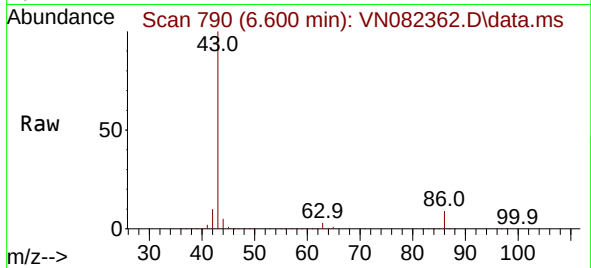
#23
 Vinyl Acetate
 Concen: 275.014 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082362.D
 Acq: 29 May 2024 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 223210
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.2 15.4

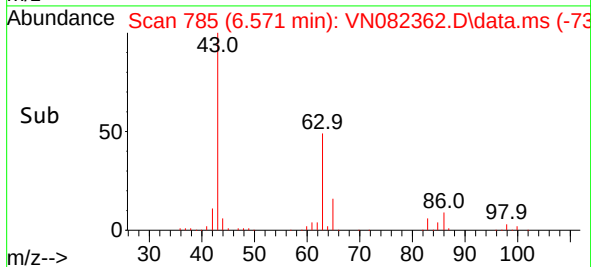
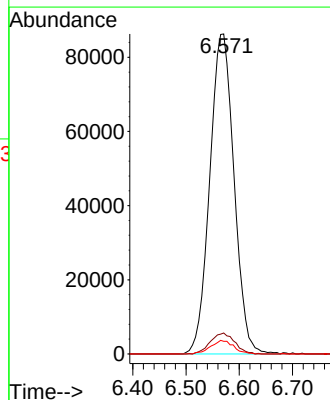
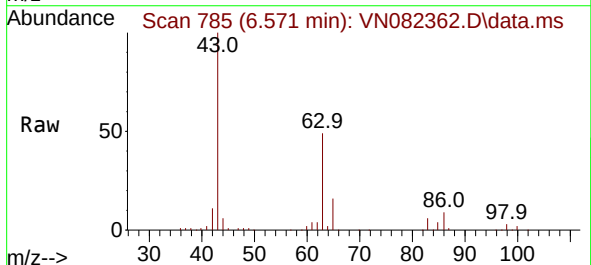
Manual Integrations
 APPROVED

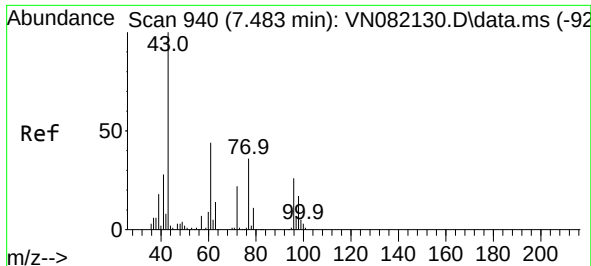
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#24
 1,1-Dichloroethane
 Concen: 51.554 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082362.D
 Acq: 29 May 2024 10:16

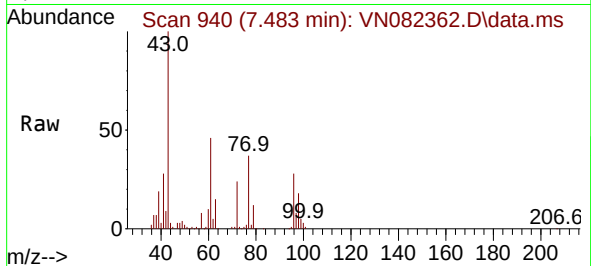
Tgt Ion: 63 Resp: 273546
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.0 2.6 7.8





#25
2-Butanone
Concen: 260.175 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

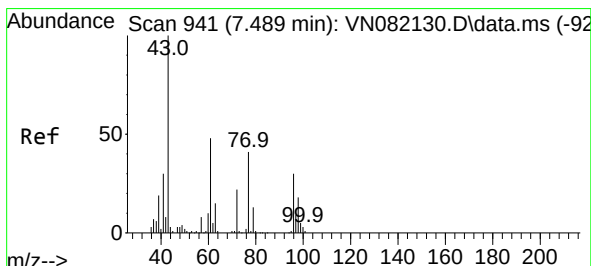
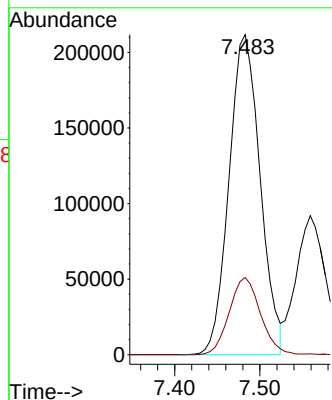
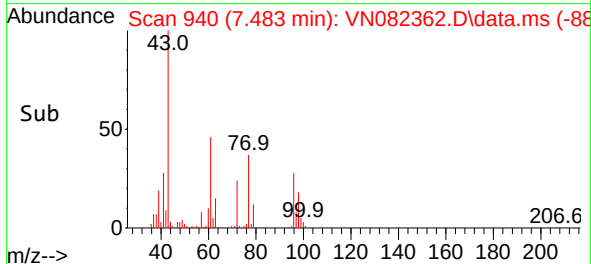
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



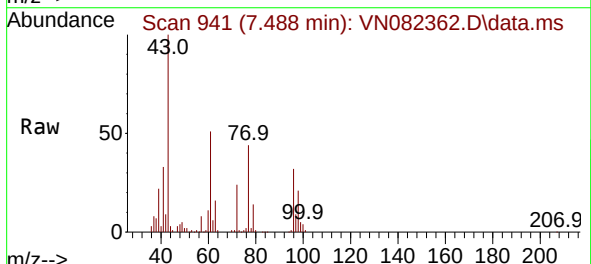
Tgt Ion: 43 Resp: 538725
Ion Ratio Lower Upper
43 100
72 24.1 25.3 37.9

Manual Integrations
APPROVED

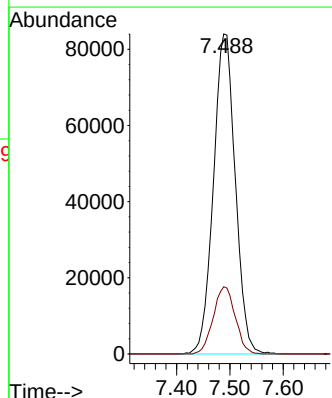
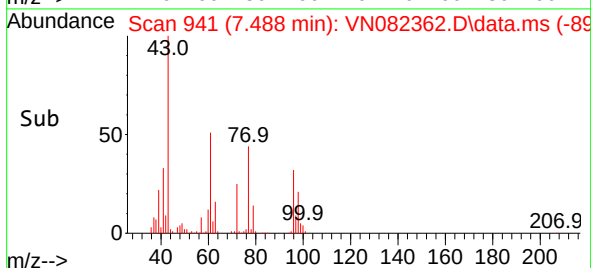
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

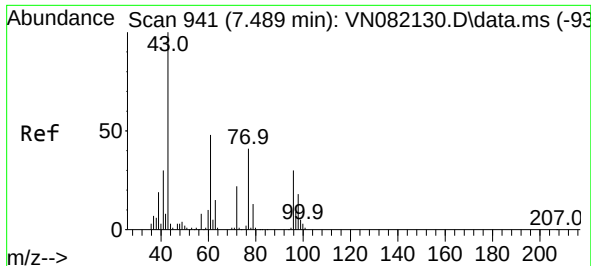


#26
2,2-Dichloropropane
Concen: 53.857 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion: 77 Resp: 239355
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 54.990 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

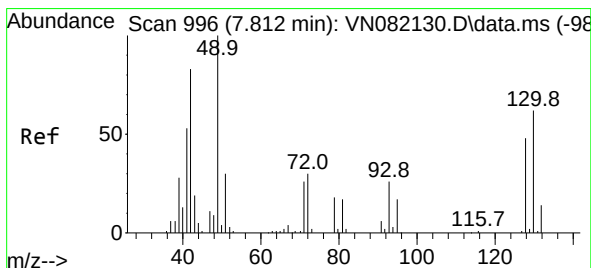
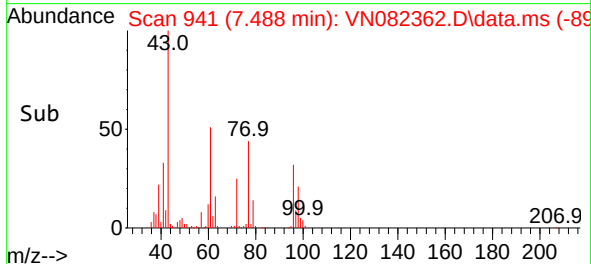
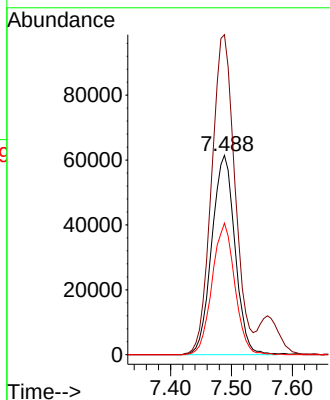
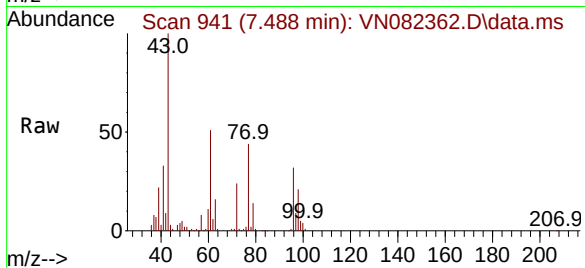
Tgt Ion: 96 Resp: 162849
Ion Ratio Lower Upper
96 100
61 161.5 0.0 268.0
98 64.4 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#28

Bromochloromethane

Concen: 48.364 ug/l

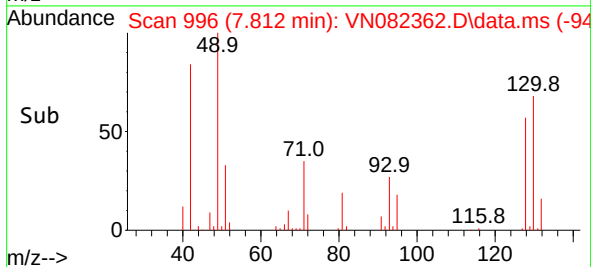
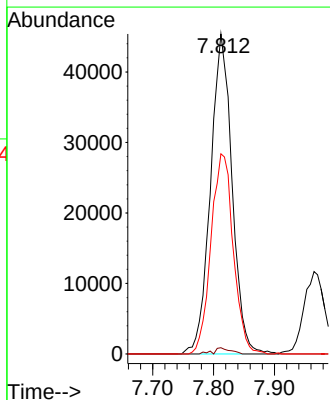
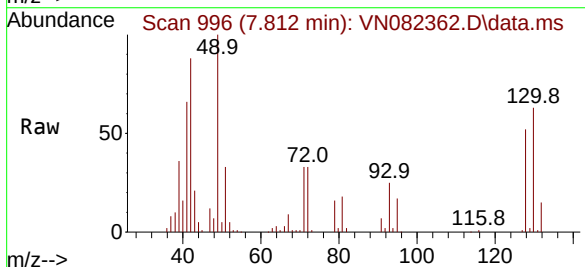
RT: 7.812 min Scan# 996

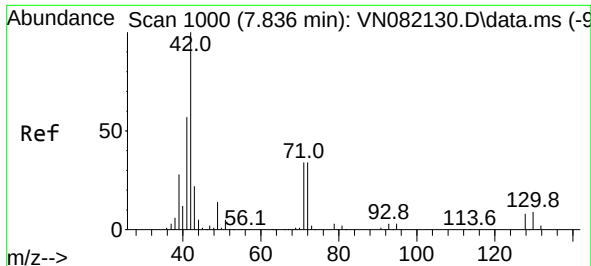
Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Tgt Ion: 49 Resp: 111700
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 64.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 267.765 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.001 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 35598

Ion Ratio Lower Upper

42 100

72 39.0 39.3 58.9

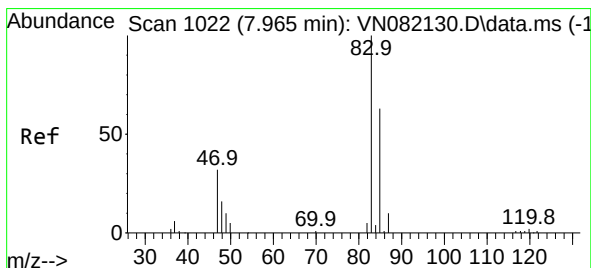
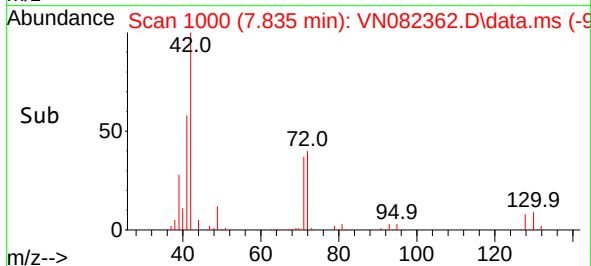
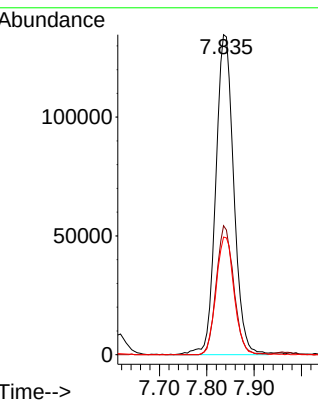
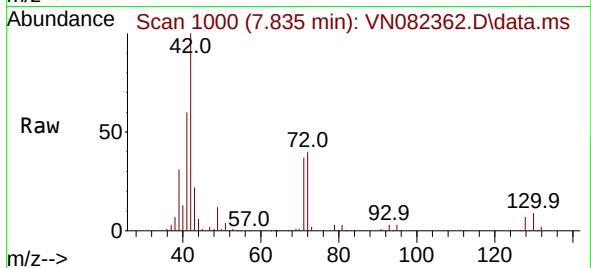
71 36.8 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#30

Chloroform

Concen: 55.715 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082362.D

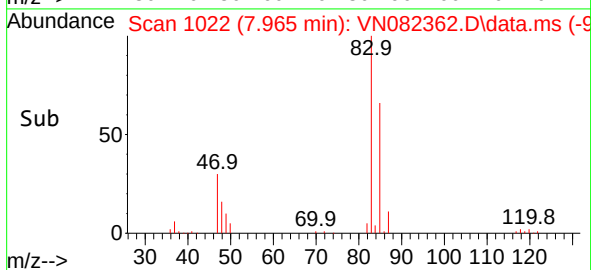
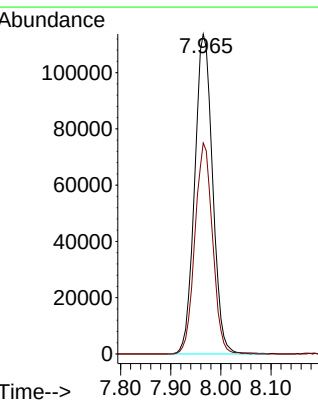
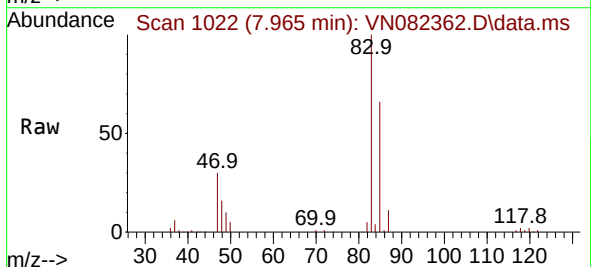
Acq: 29 May 2024 10:16

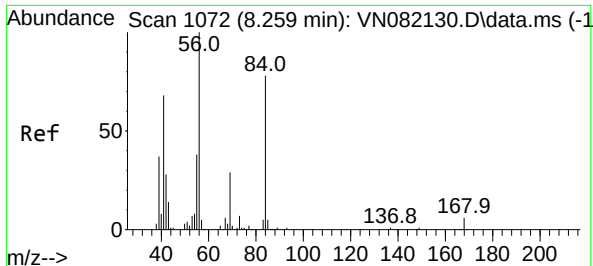
Tgt Ion: 83 Resp: 282304

Ion Ratio Lower Upper

83 100

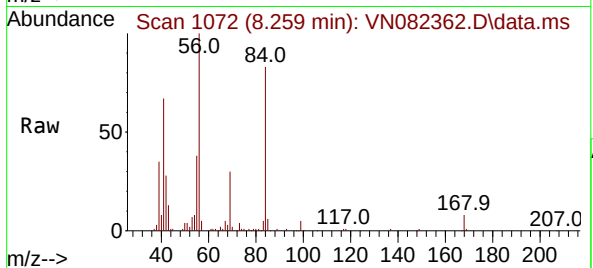
85 65.9 50.7 76.1





#31
Cyclohexane
Concen: 41.939 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

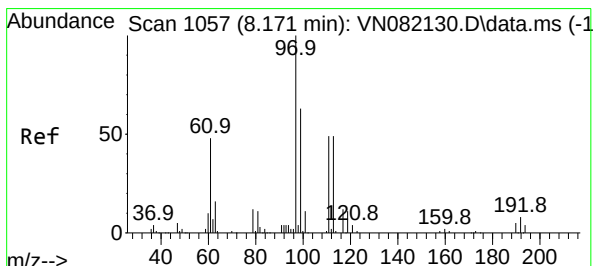
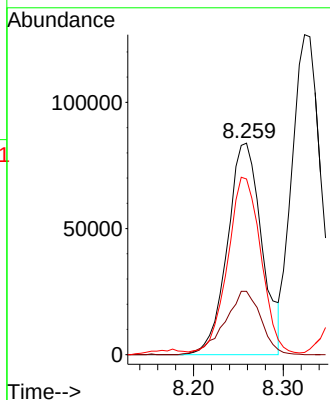
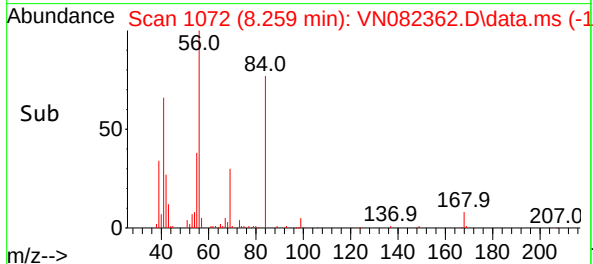
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



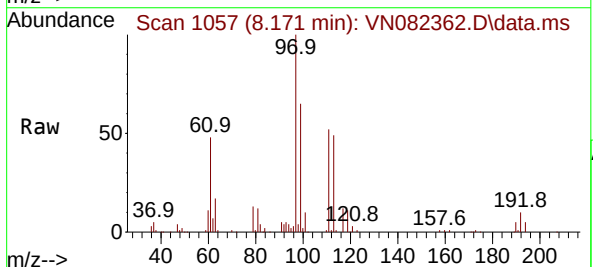
Tgt Ion: 56 Resp: 223004
Ion Ratio Lower Upper
56 100
69 29.9 24.4 36.6
84 81.4 77.0 115.4

Manual Integrations
APPROVED

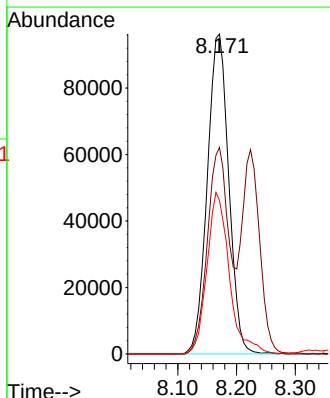
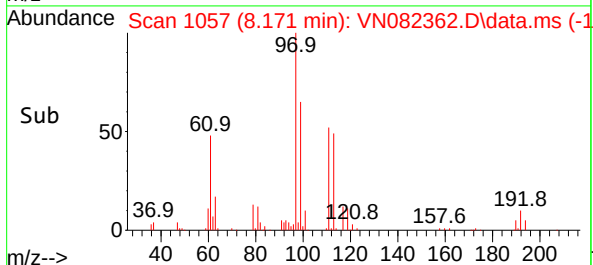
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

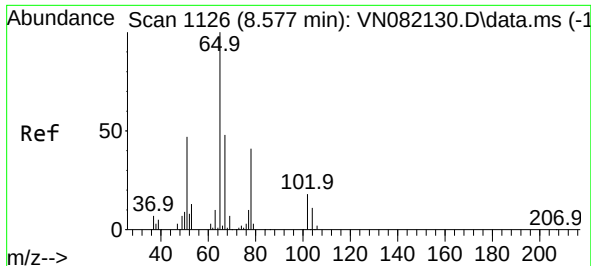


#32
1,1,1-Trichloroethane
Concen: 54.242 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion: 97 Resp: 243831
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 52.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.179 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17038

Ion Ratio Lower Upper

65 100

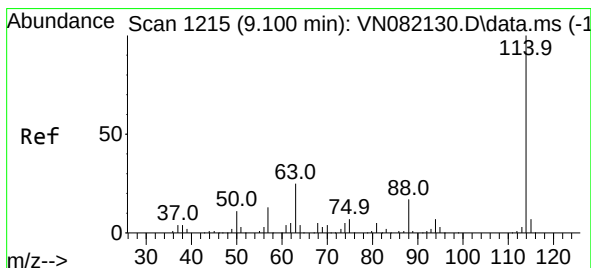
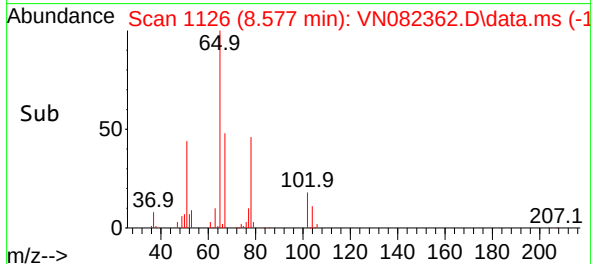
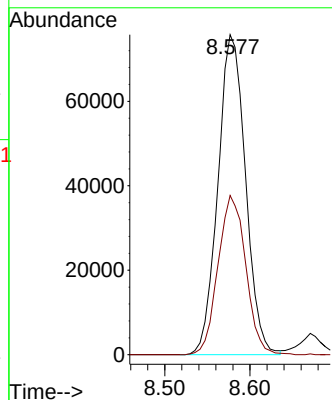
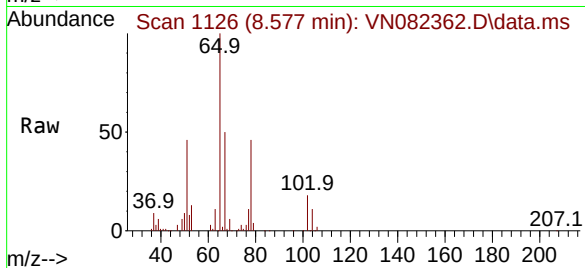
67 50.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

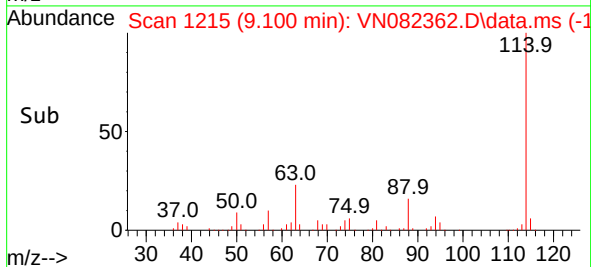
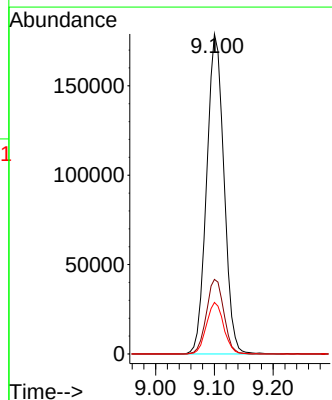
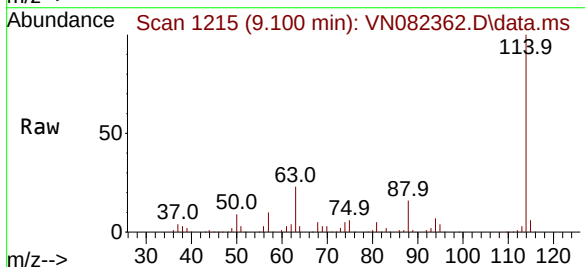
Tgt Ion:114 Resp: 364796

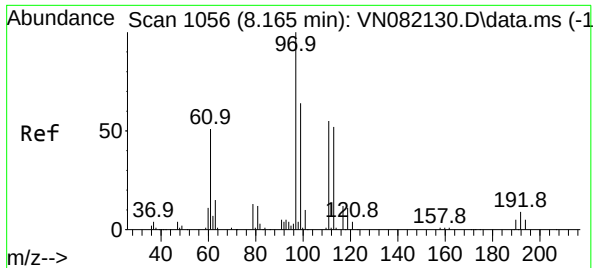
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

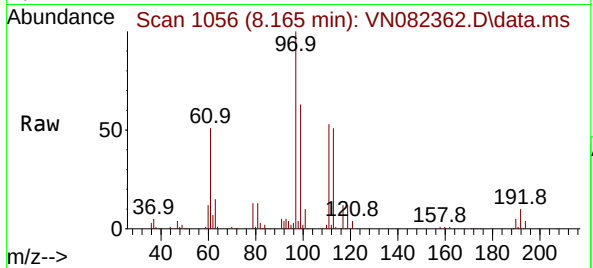
88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.576 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

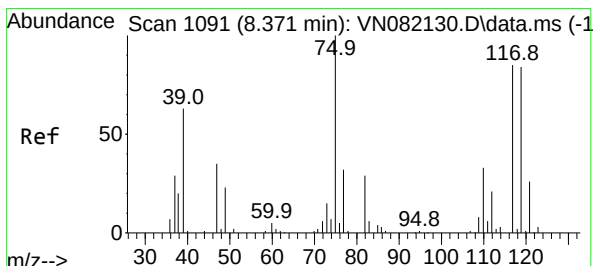
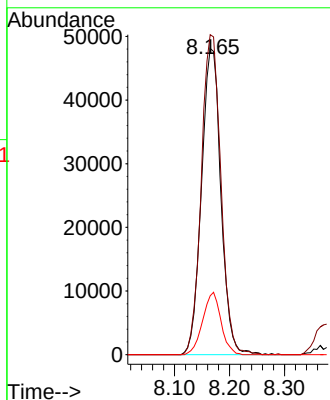
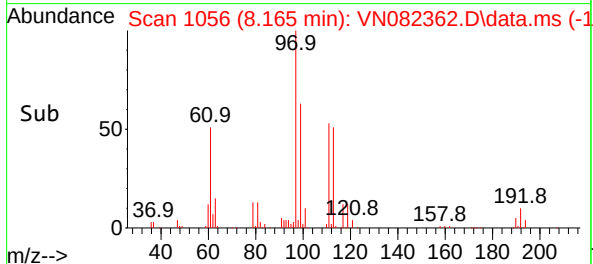
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



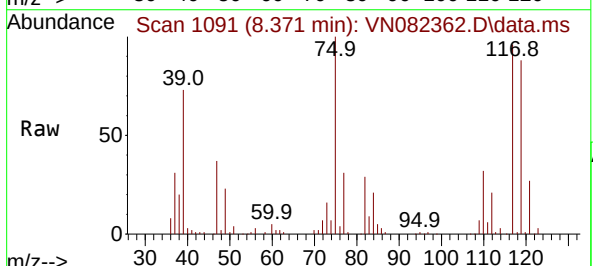
Tgt Ion:113 Resp: 11798
Ion Ratio Lower Upper
113 100
111 105.2 83.4 125.2
192 19.2 14.0 21.0

Manual Integrations
APPROVED

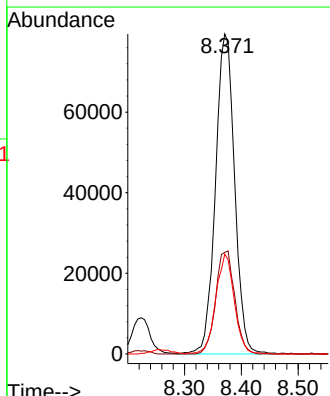
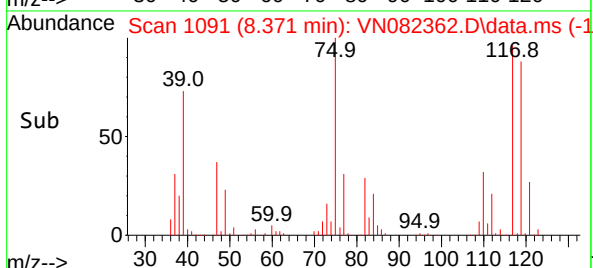
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

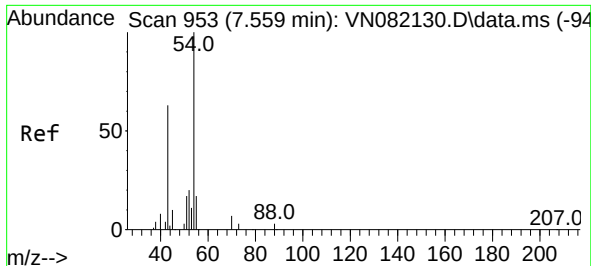


#36
1,1-Dichloropropene
Concen: 49.441 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



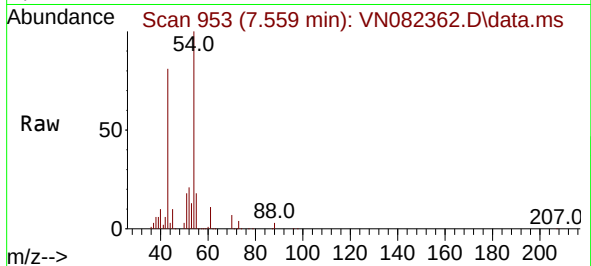
Tgt Ion: 75 Resp: 186078
Ion Ratio Lower Upper
75 100
110 32.0 17.8 53.5
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 54.447 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

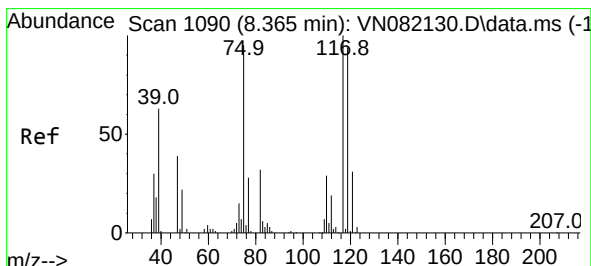
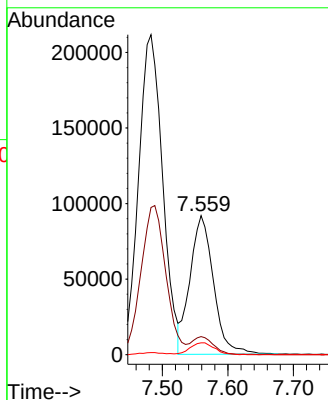
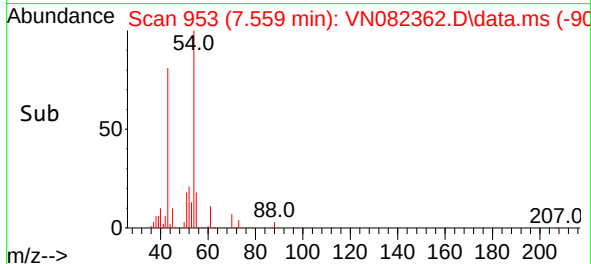
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 229328
Ion Ratio Lower Upper
43 100
61 12.4 11.3 16.9
70 8.9 8.7 13.1

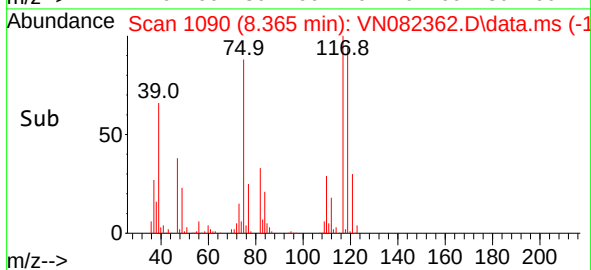
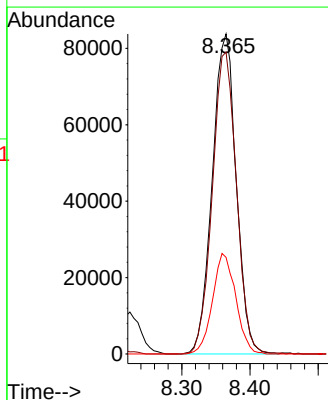
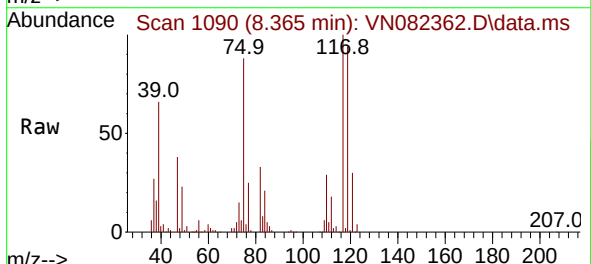
Manual Integrations
APPROVED

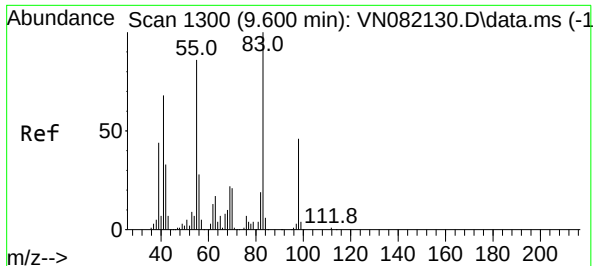
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#38
Carbon Tetrachloride
Concen: 53.633 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion:117 Resp: 204621
Ion Ratio Lower Upper
117 100
119 94.4 76.5 114.7
121 30.2 23.9 35.9





#39

Methylcyclohexane

Concen: 47.251 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19493

Ion Ratio Lower Upper

83 100

55 81.9 53.0 79.6

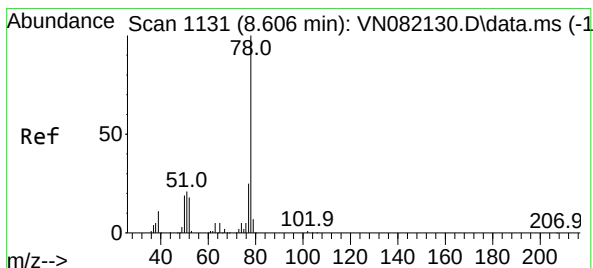
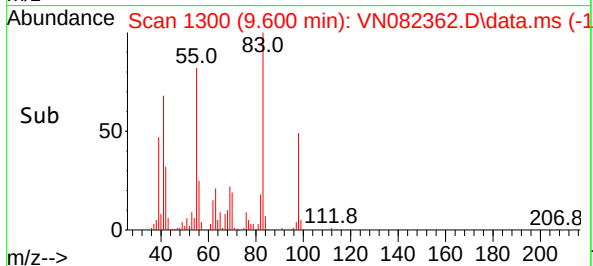
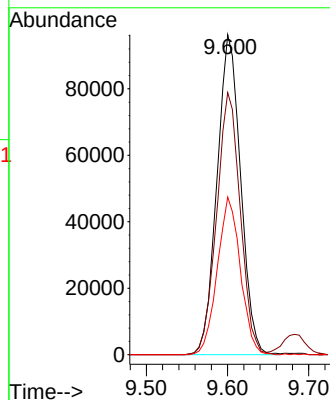
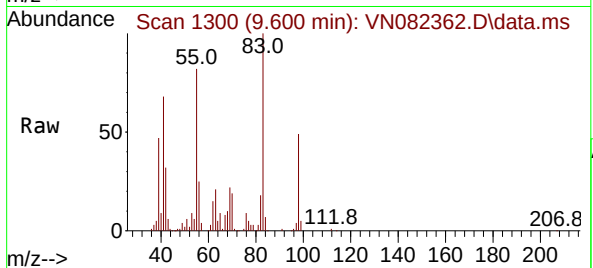
98 49.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#40

Benzene

Concen: 52.251 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082362.D

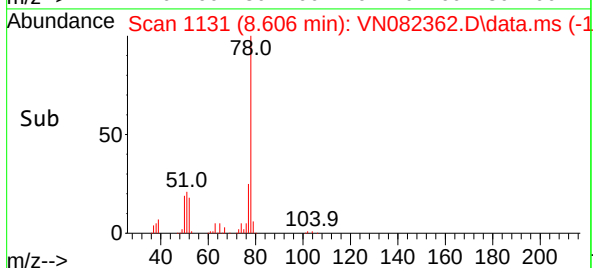
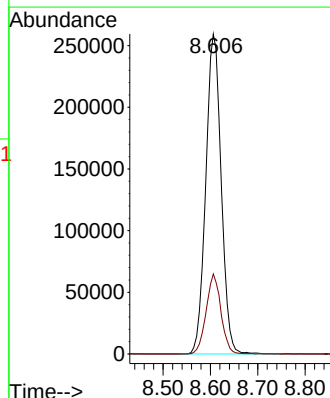
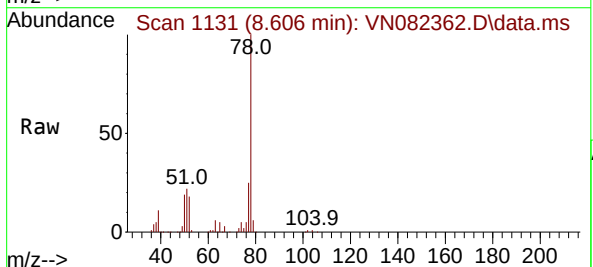
Acq: 29 May 2024 10:16

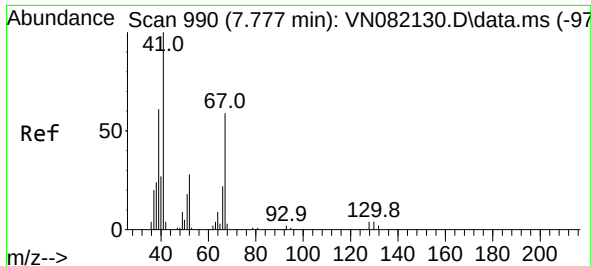
Tgt Ion: 78 Resp: 586417

Ion Ratio Lower Upper

78 100

77 25.0 20.0 30.0





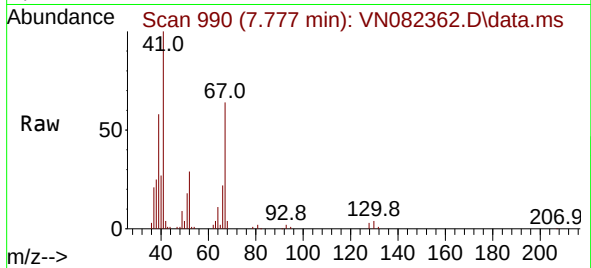
#41
Methacrylonitrile
Concen: 53.036 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



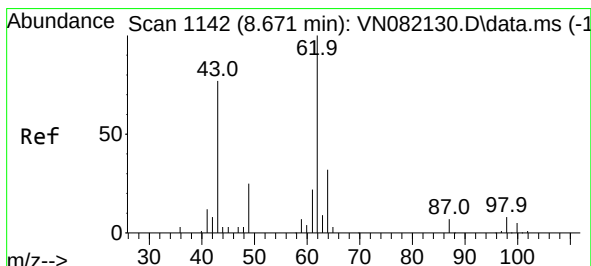
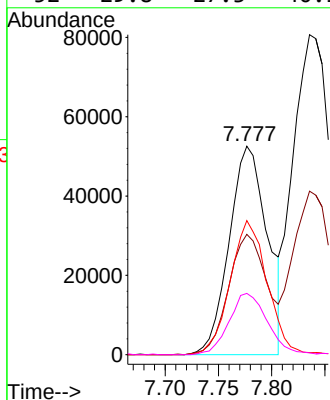
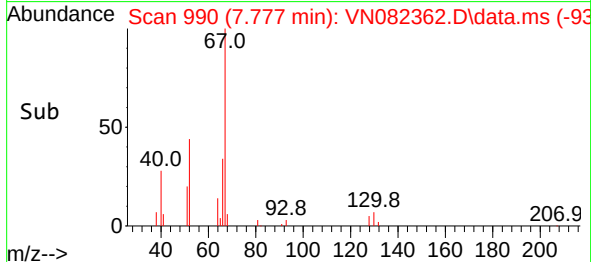
Tgt Ion: 41 Resp: 131372
Ion Ratio Lower Upper
41 100
39 58.3 46.6 69.8
67 62.6 67.3 100.9
52 29.8 27.3 40.9

Manual Integrations

APPROVED

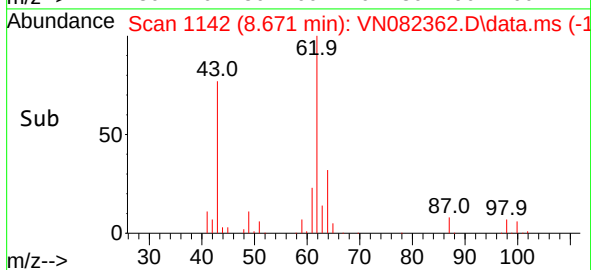
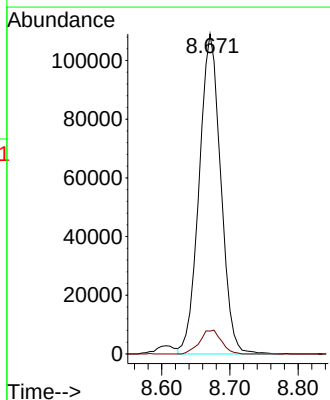
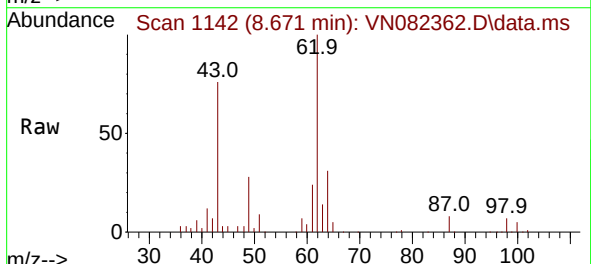
Reviewed By :John Carlone 05/30/2024

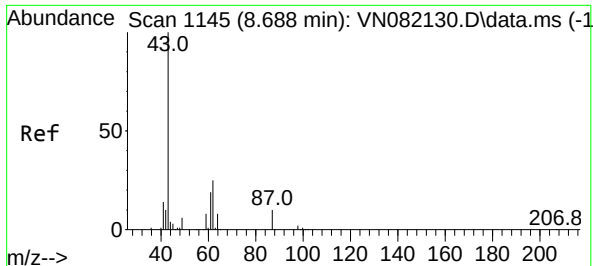
Supervised By :Semsettin Yesilyurt 05/30/2024



#42
1,2-Dichloroethane
Concen: 55.500 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

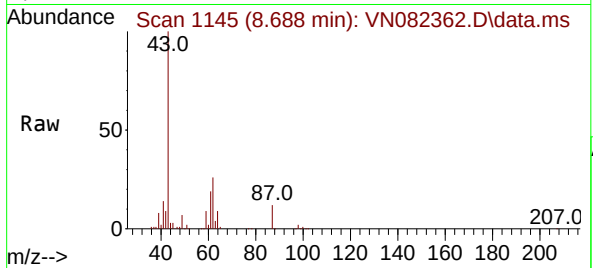
Tgt Ion: 62 Resp: 239562
Ion Ratio Lower Upper
62 100
98 7.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 55.604 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

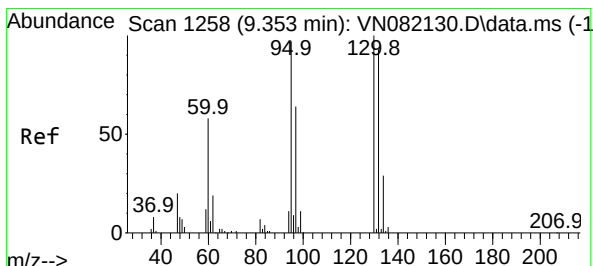
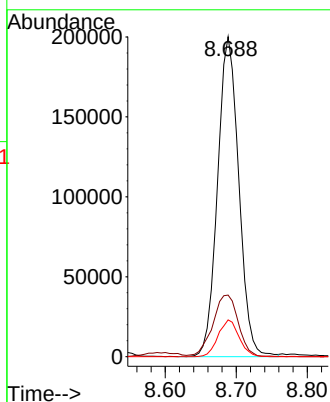
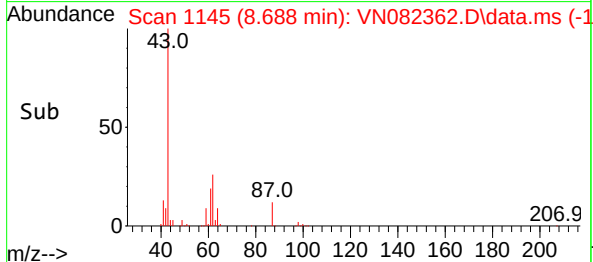
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



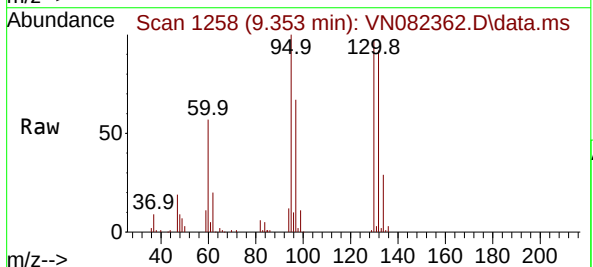
Tgt Ion: 43 Resp: 41498
Ion Ratio Lower Upper
43 100
61 23.2 22.8 34.2
87 11.3 12.0 18.0

Manual Integrations
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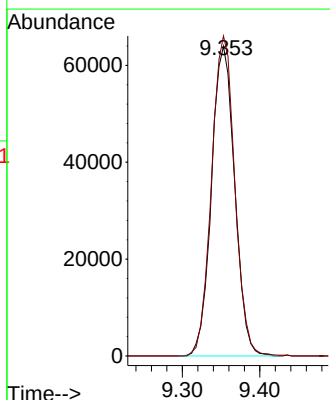
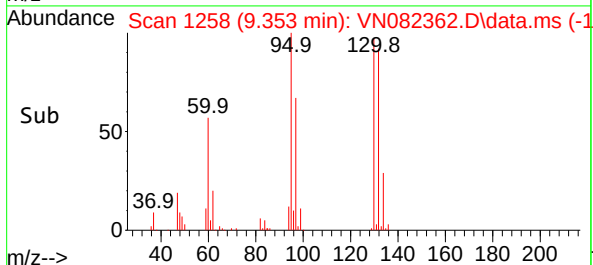
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

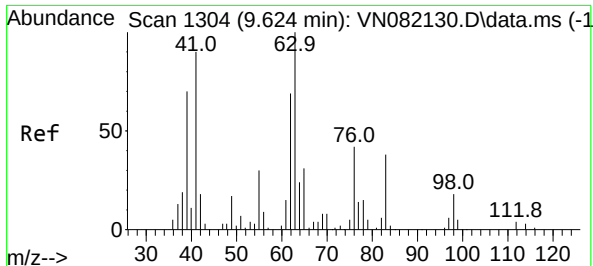


#44
Trichloroethene
Concen: 52.268 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion:130 Resp: 133253
Ion Ratio Lower Upper
130 100
95 103.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 53.225 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 154120

Ion Ratio Lower Upper

63 100

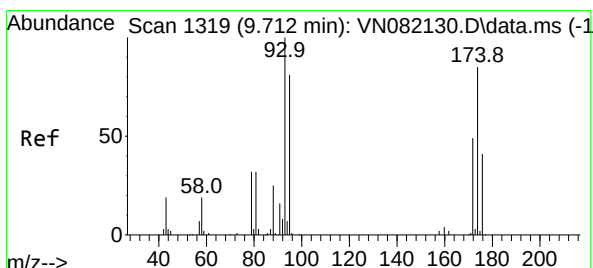
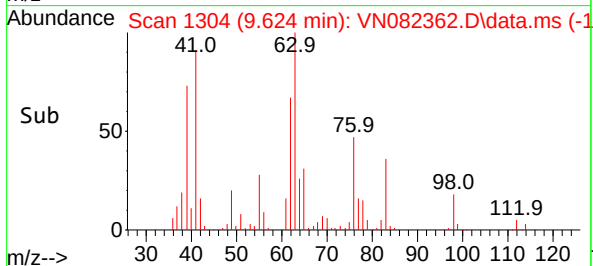
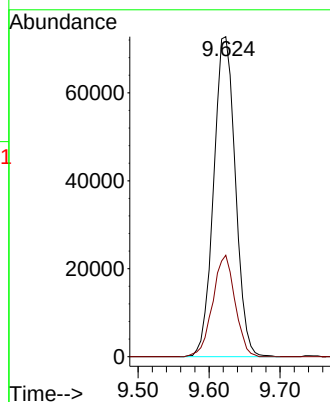
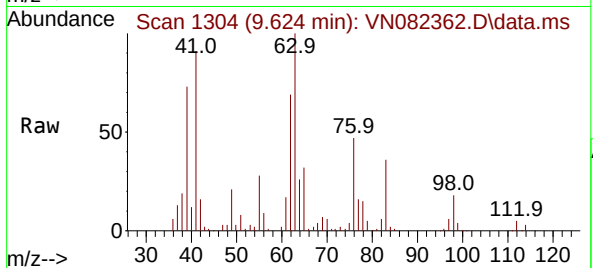
65 31.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#46

Dibromomethane

Concen: 56.680 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

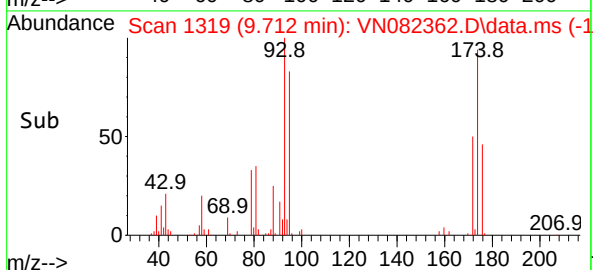
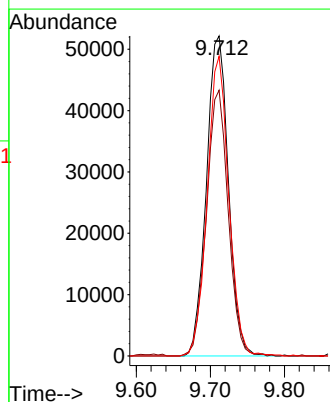
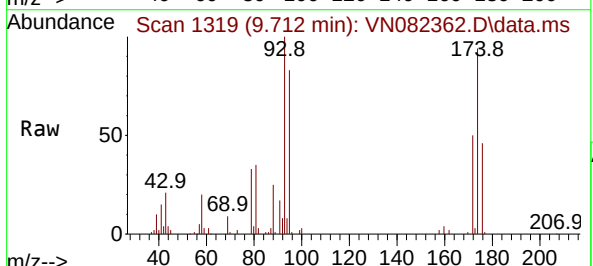
Tgt Ion: 93 Resp: 107756

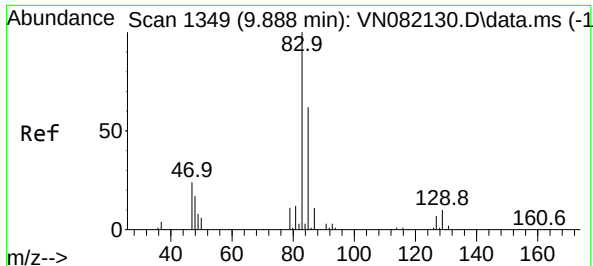
Ion Ratio Lower Upper

93 100

95 82.1 64.8 97.2

174 91.8 73.4 110.0





#47
Bromodichloromethane
Concen: 58.033 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

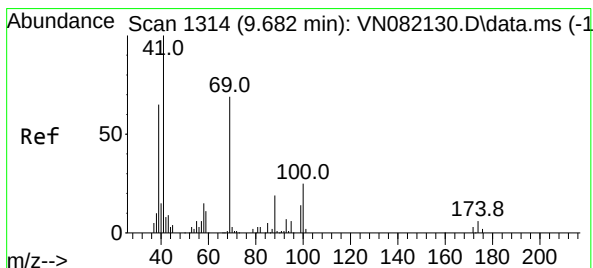
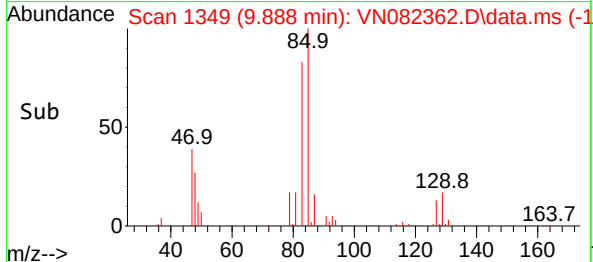
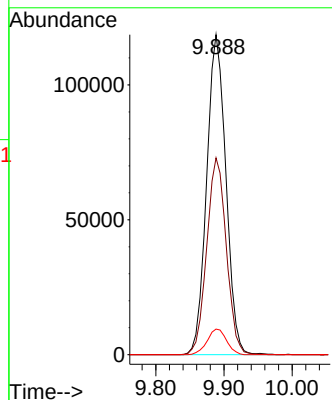
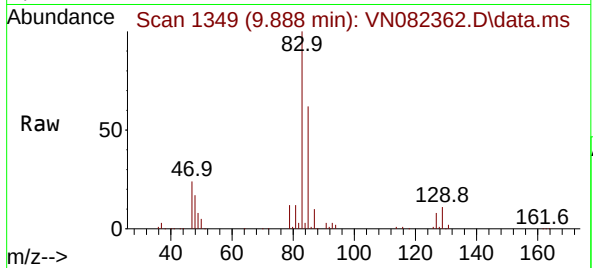
Tgt Ion: 83 Resp: 232914
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9
127 8.0 7.5 11.3

Manual Integrations

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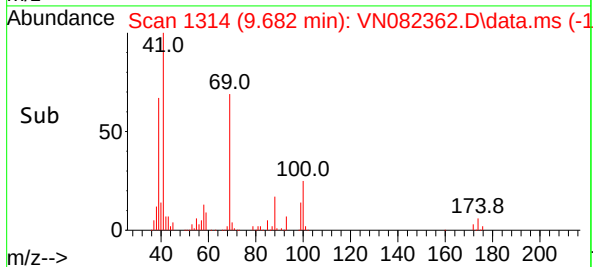
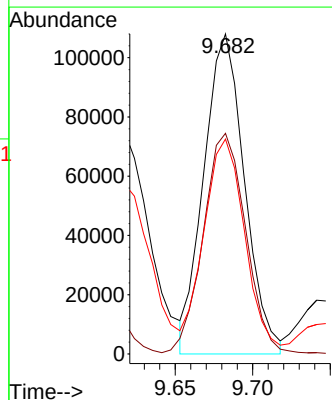
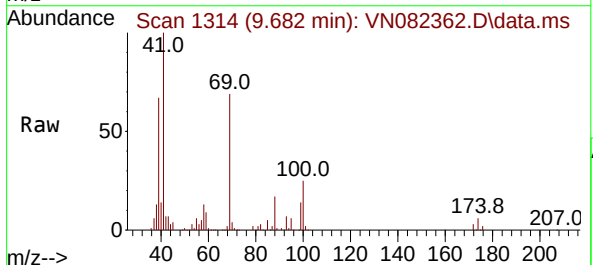
Reviewed By :John Carlone 05/30/2024

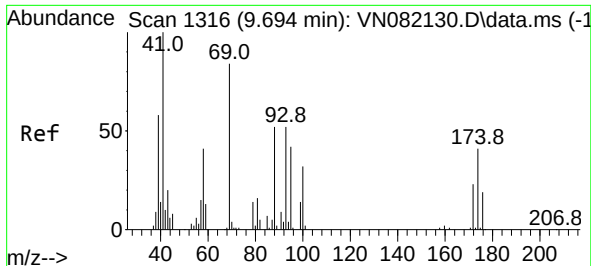
Supervised By :Semsettin Yesilyurt 05/30/2024



#48
Methyl methacrylate
Concen: 55.414 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion: 41 Resp: 197068
Ion Ratio Lower Upper
41 100
69 72.4 77.9 116.9#
39 68.0 50.9 76.3





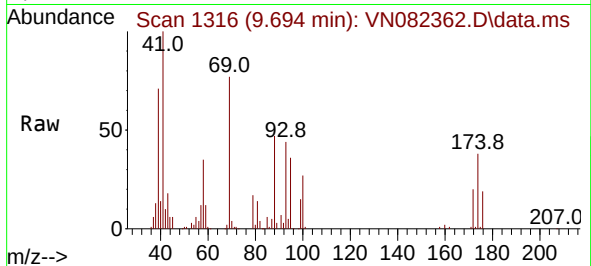
#49
1,4-Dioxane
Concen: 1169.220 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



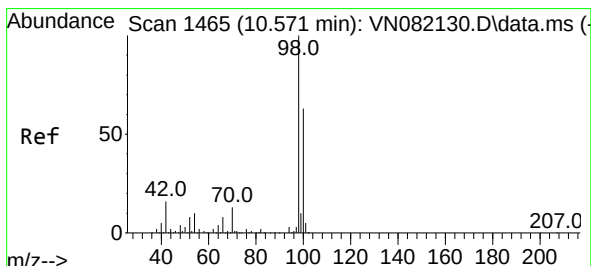
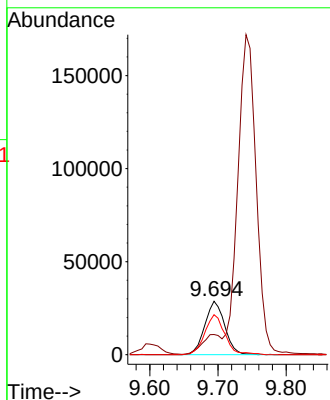
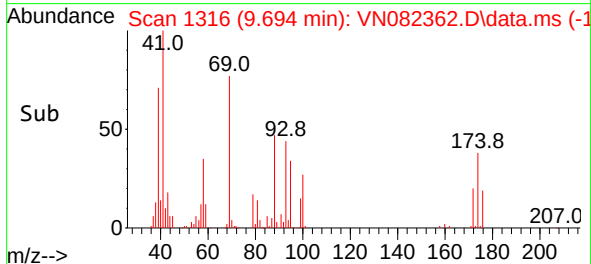
Tgt Ion: 88 Resp: 58260
Ion Ratio Lower Upper
88 100
43 36.0 19.0 28.6
58 75.8 50.6 76.0

Manual Integrations

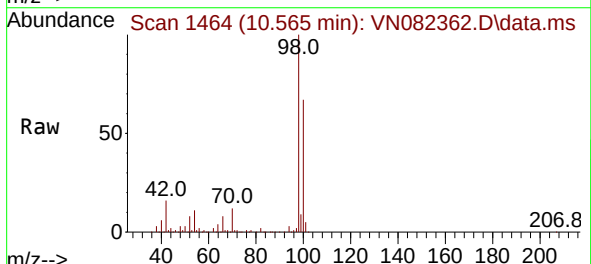
APPROVED

Reviewed By :John Carlone 05/30/2024

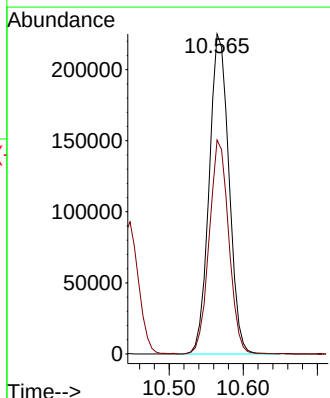
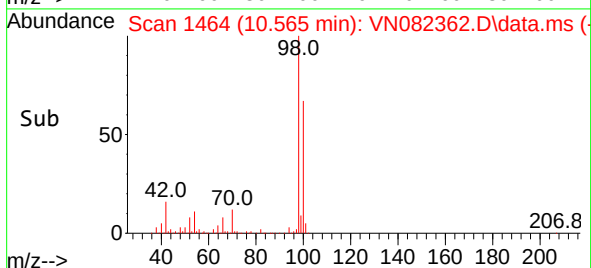
Supervised By :Semsettin Yesilyurt 05/30/2024

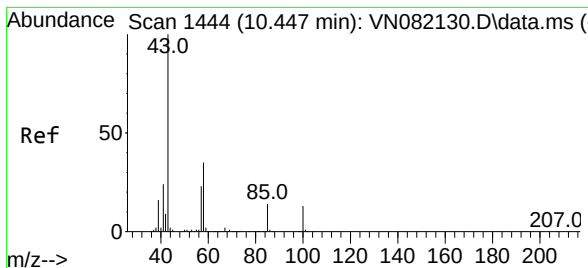


#50
Toluene-d8
Concen: 48.390 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



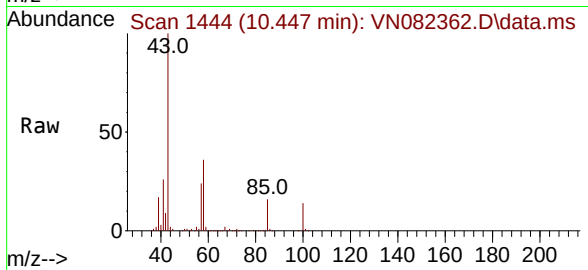
Tgt Ion: 98 Resp: 416325
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 279.779 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

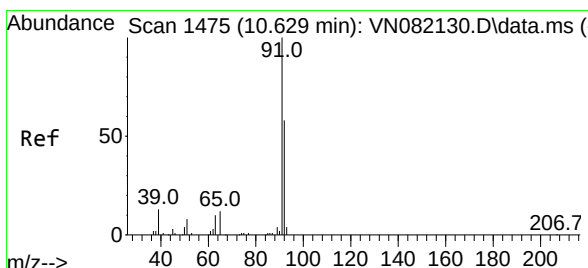
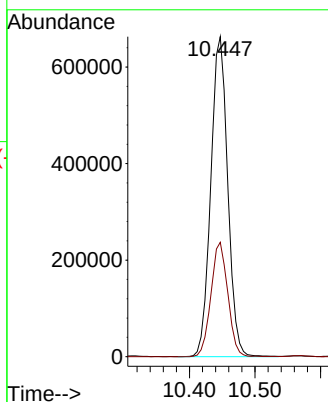
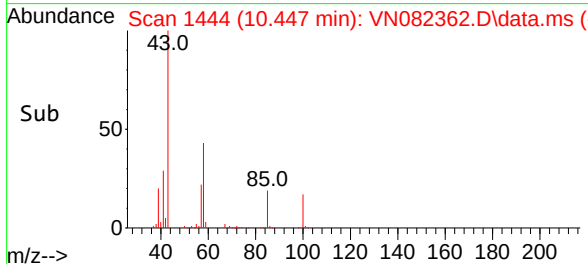
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 118638
Ion Ratio Lower Upper
43 100
58 35.6 33.2 49.8

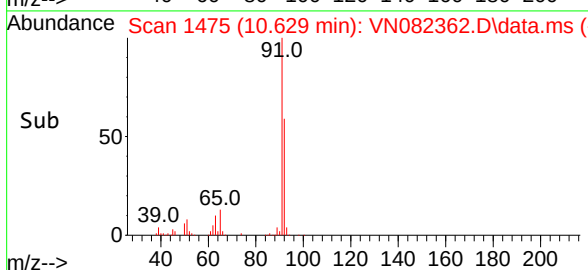
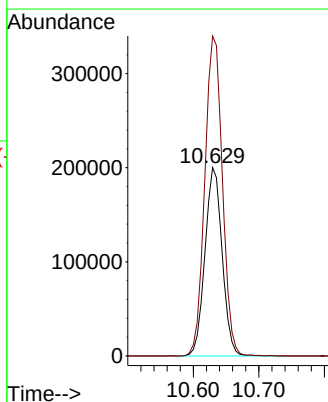
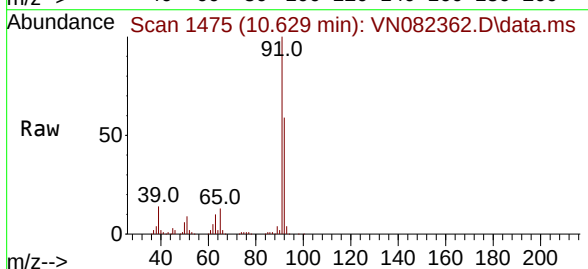
Manual Integrations
APPROVED

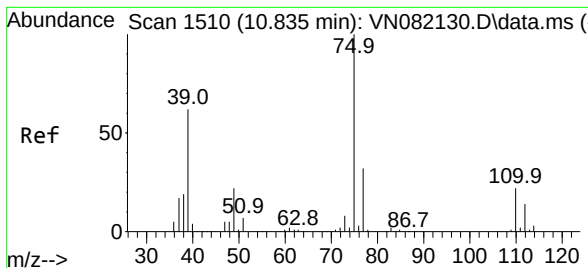
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#52
Toluene
Concen: 54.235 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

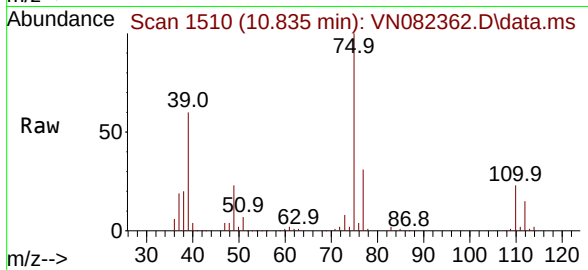
Tgt Ion: 92 Resp: 365278
Ion Ratio Lower Upper
92 100
91 174.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 60.432 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

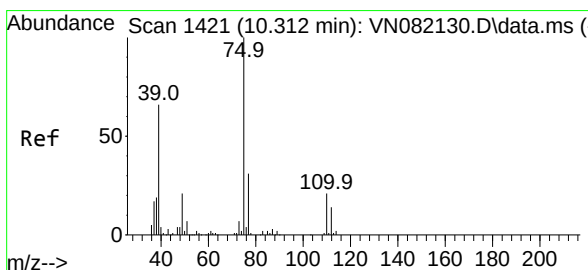
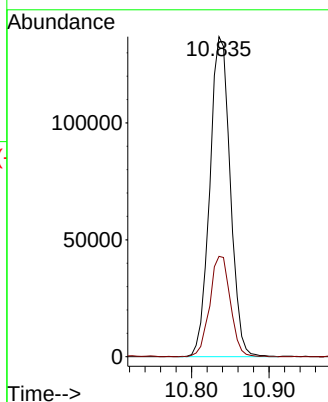
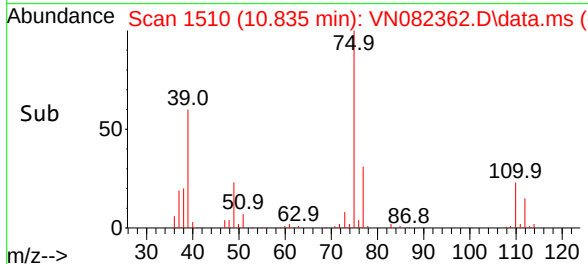
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



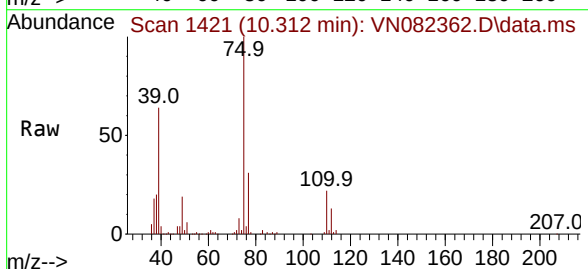
Tgt Ion: 75 Resp: 25084
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

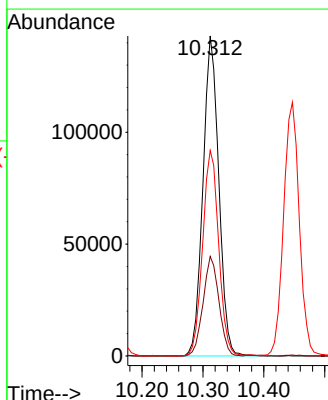
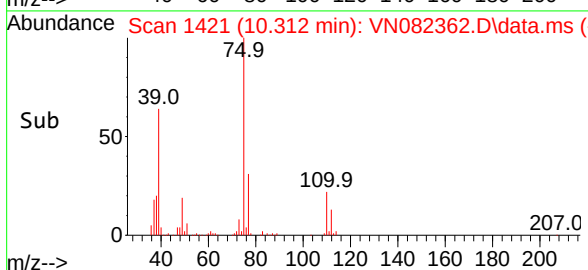
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

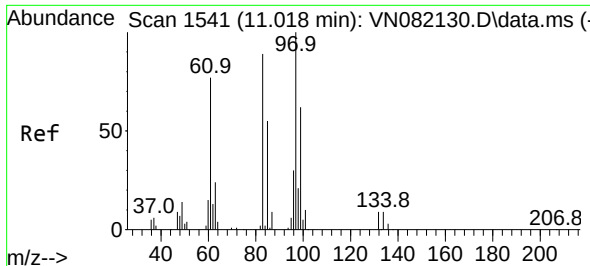


#54
cis-1,3-Dichloropropene
Concen: 58.678 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



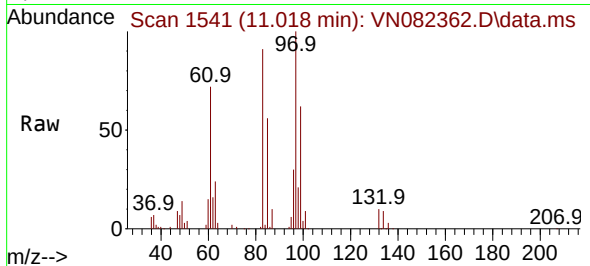
Tgt Ion: 75 Resp: 257816
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 64.2 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 58.663 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

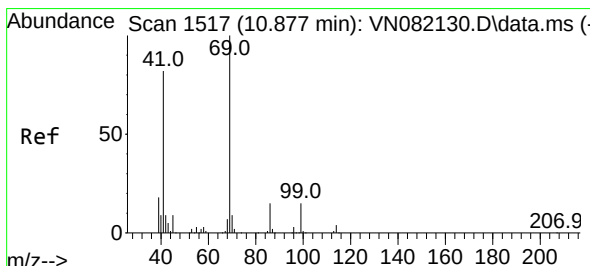
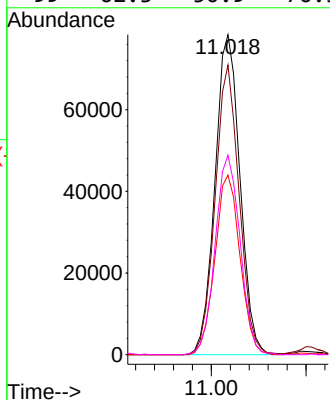
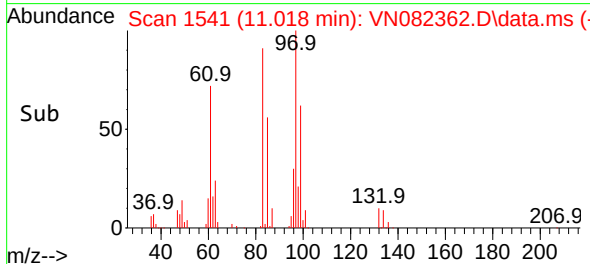
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 14358
Ion Ratio Lower Upper
97 100
83 90.5 70.4 105.6
85 56.1 45.6 68.4
99 62.3 50.9 76.3

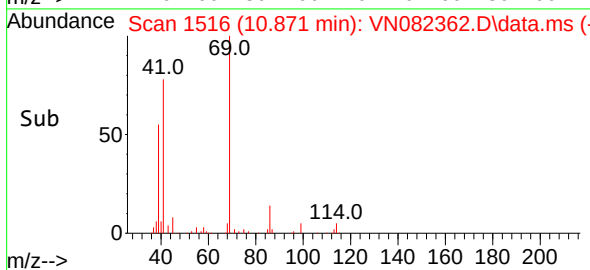
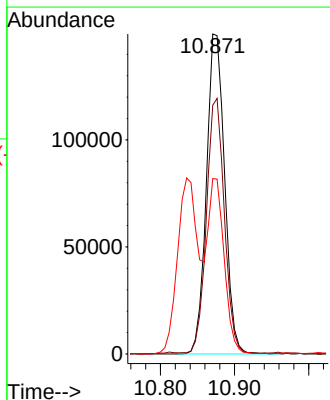
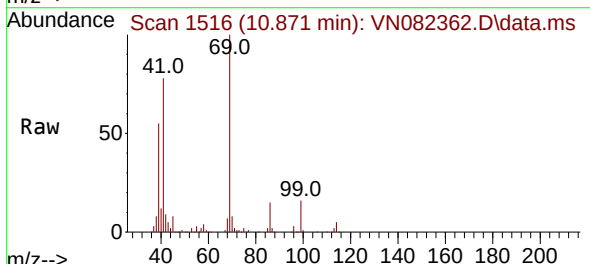
Manual Integrations
APPROVED

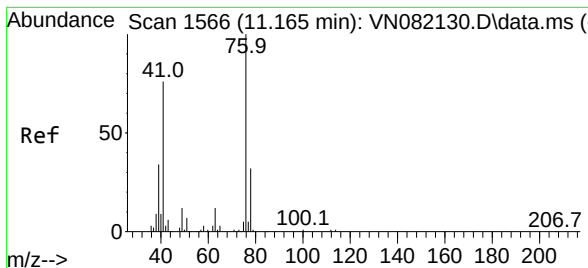
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#56
Ethyl methacrylate
Concen: 61.360 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

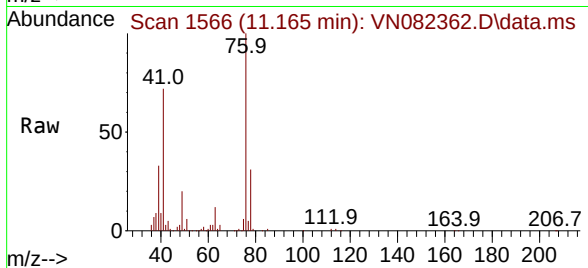
Tgt Ion: 69 Resp: 254980
Ion Ratio Lower Upper
69 100
41 78.5 46.6 70.0#
39 47.7 26.5 39.7#





#57
1,3-Dichloropropane
Concen: 56.101 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

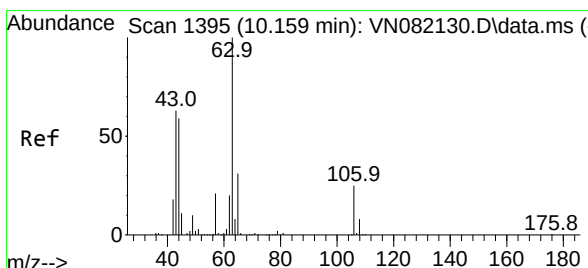
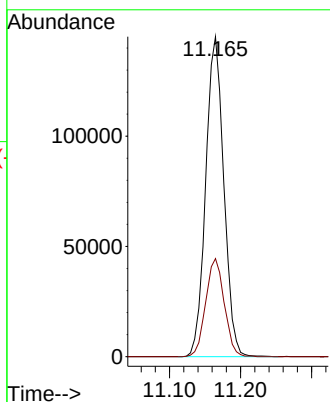
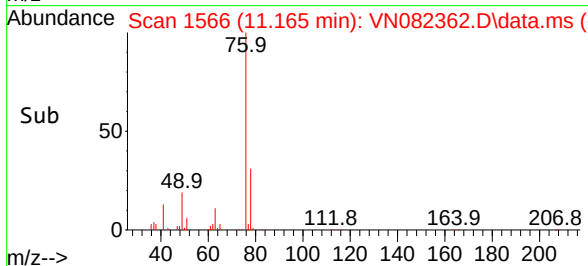
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 256734
Ion Ratio Lower Upper
76 100
78 31.5 25.8 38.6

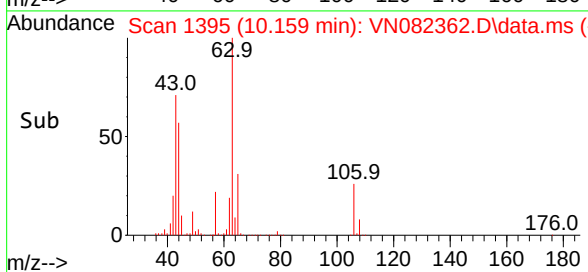
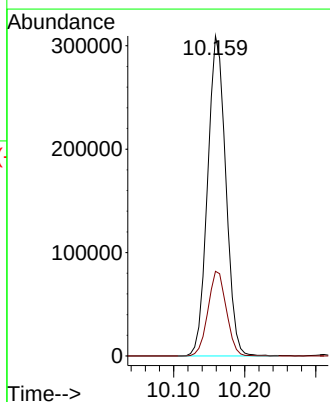
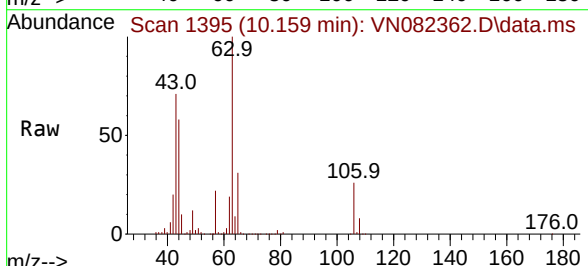
Manual Integrations
APPROVED

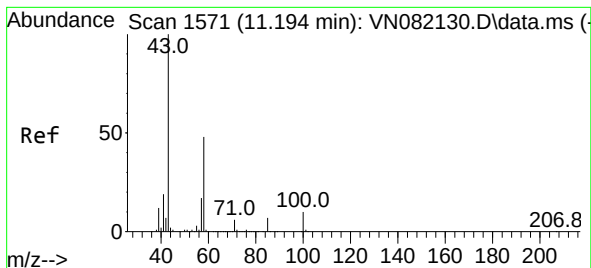
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 256.925 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

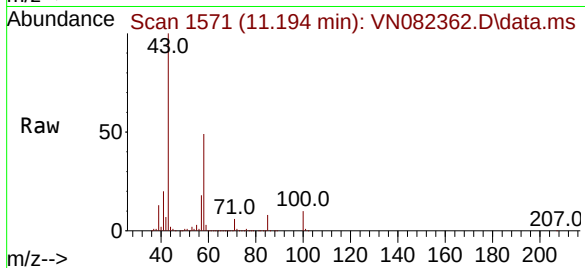
Tgt Ion: 63 Resp: 550696
Ion Ratio Lower Upper
63 100
106 26.7 24.6 36.8





#59
2-Hexanone
Concen: 281.203 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

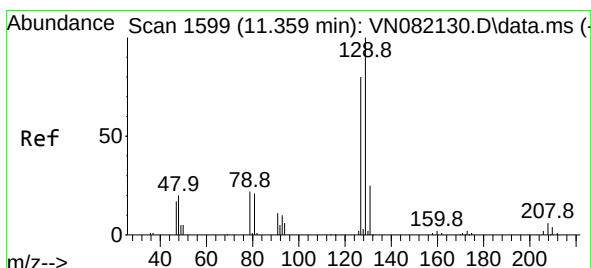
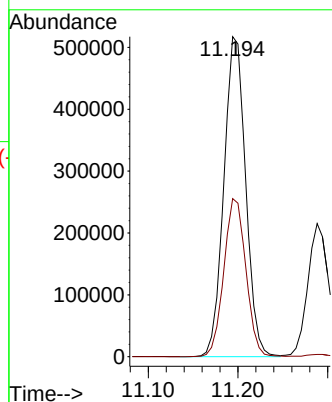
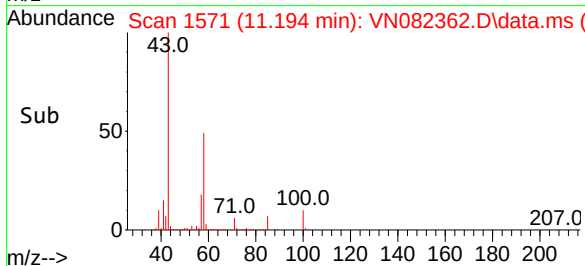
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 873098
Ion Ratio Lower Upper
43 100
58 49.9 28.3 84.9

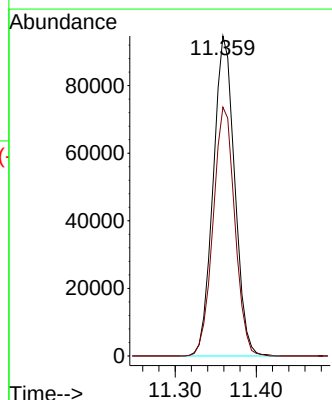
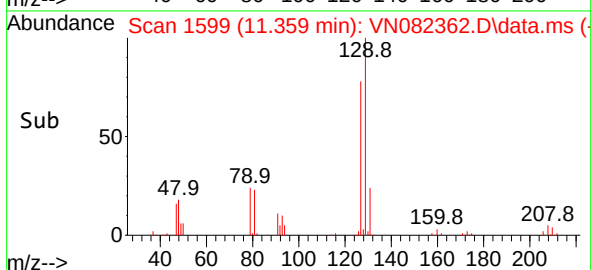
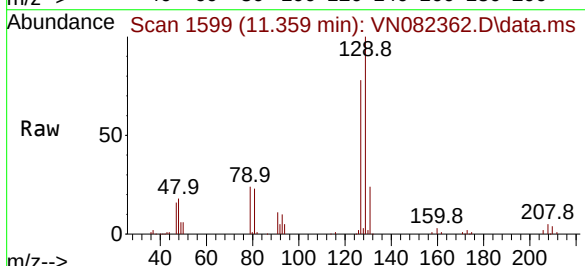
Manual Integrations
APPROVED

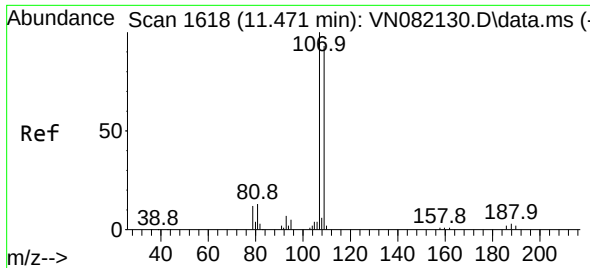
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#60
Dibromochloromethane
Concen: 64.470 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

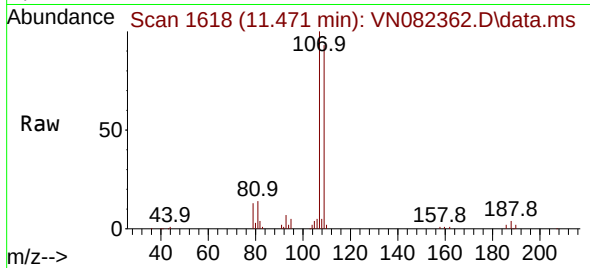
Tgt Ion:129 Resp: 174138
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.8





#61
1,2-Dibromoethane
Concen: 58.187 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

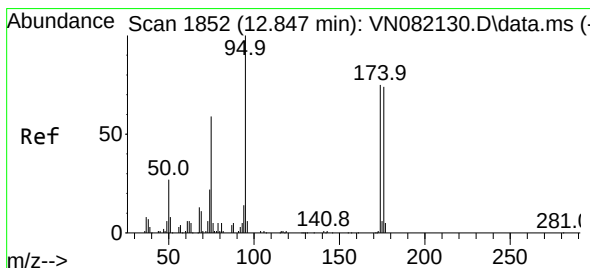
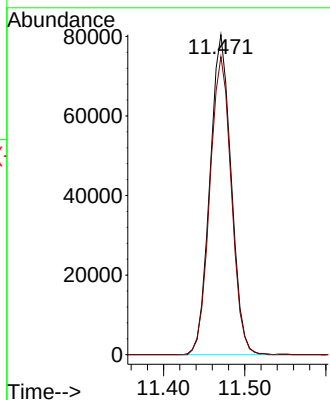
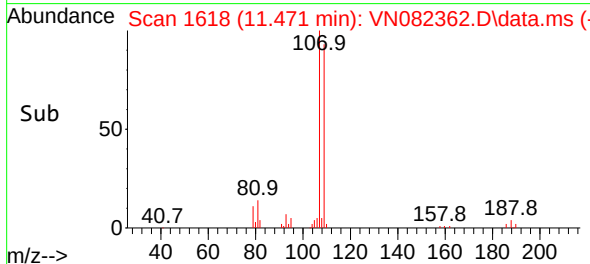
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



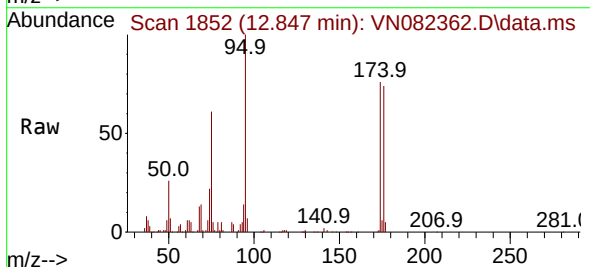
Tgt Ion:107 Resp: 14628
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6

Manual Integrations
APPROVED

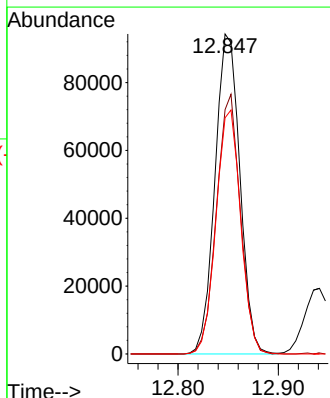
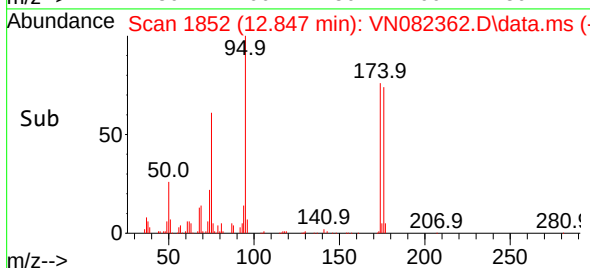
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

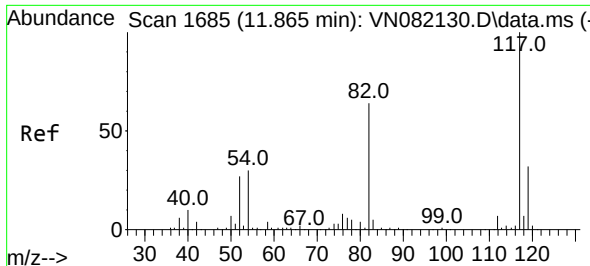


#62
4-Bromofluorobenzene
Concen: 52.983 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



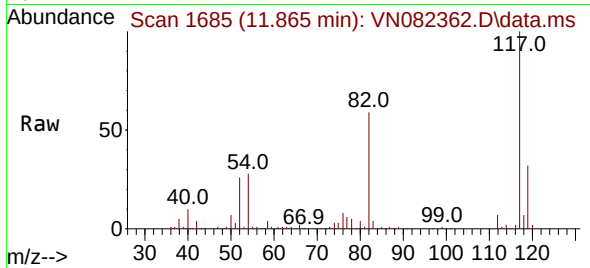
Tgt Ion: 95 Resp: 162701
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 75.3 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

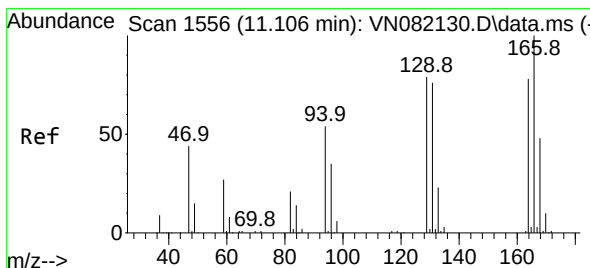
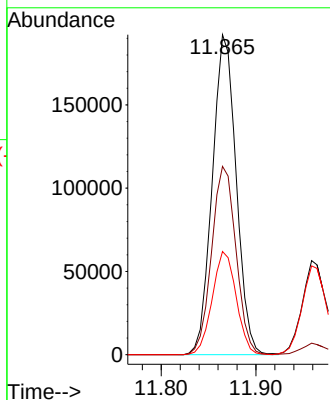
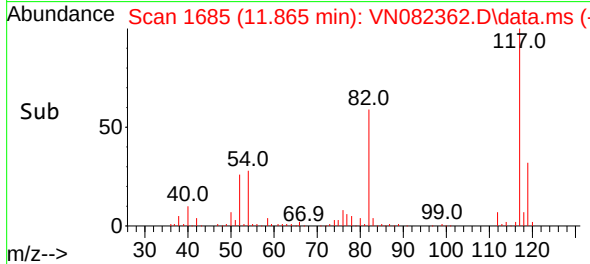
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 337139
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 32.3 25.9 38.9

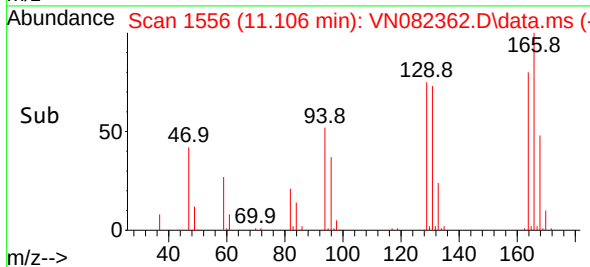
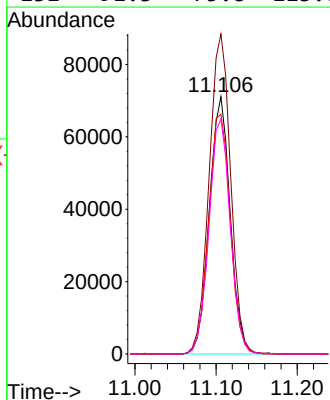
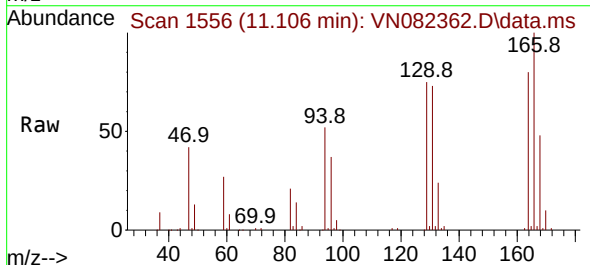
Manual Integrations
APPROVED

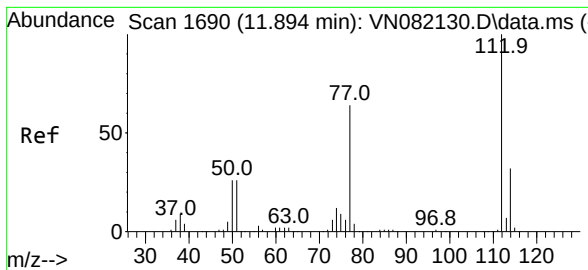
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#64
Tetrachloroethene
Concen: 50.886 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion:164 Resp: 127157
Ion Ratio Lower Upper
164 100
166 124.3 97.6 146.4
129 93.2 73.7 110.5
131 91.3 75.8 113.6





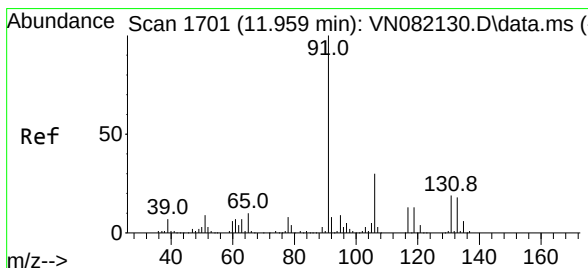
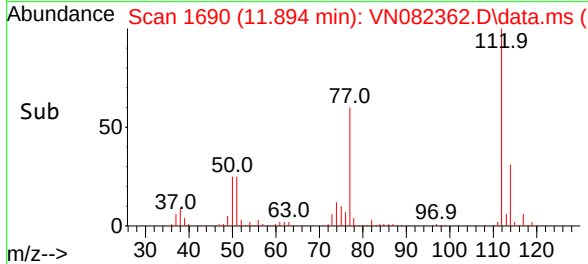
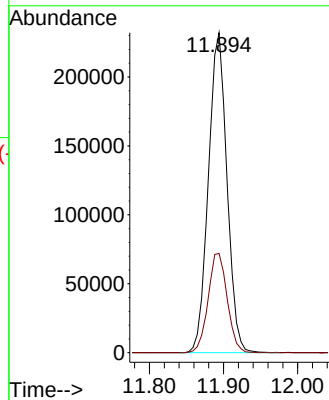
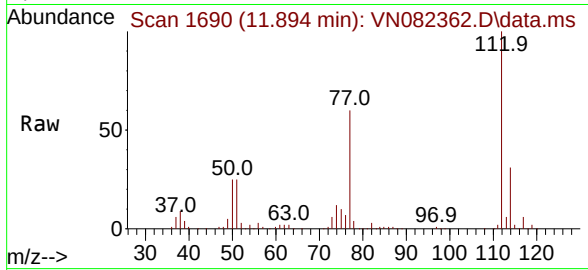
#65
Chlorobenzene
Concen: 54.200 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 40367
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

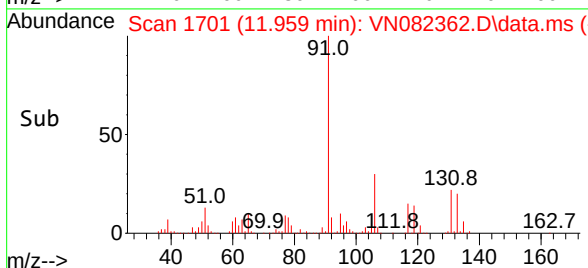
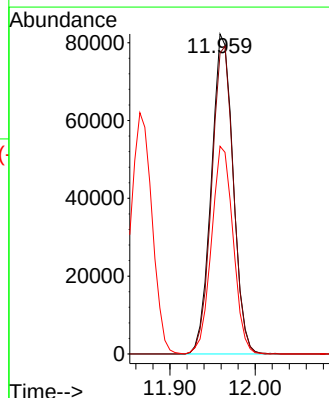
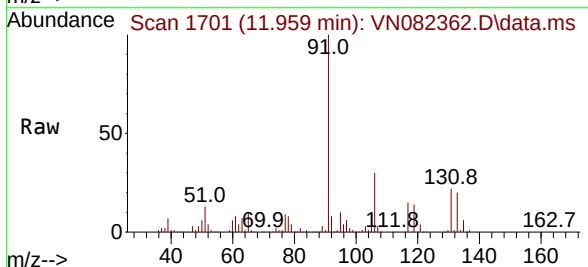
Manual Integrations
APPROVED

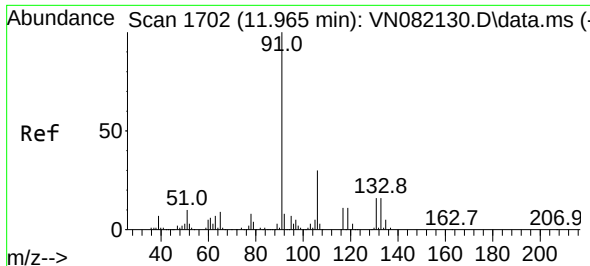
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 59.557 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

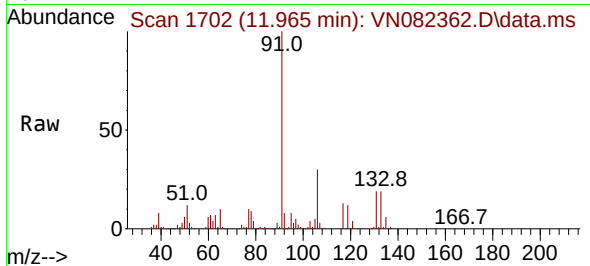
Tgt Ion:131 Resp: 146111
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 64.6 32.9 98.7





#67
Ethyl Benzene
Concen: 53.471 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

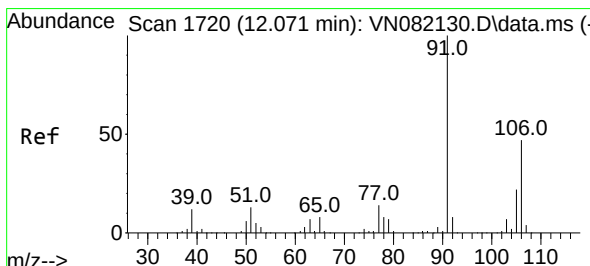
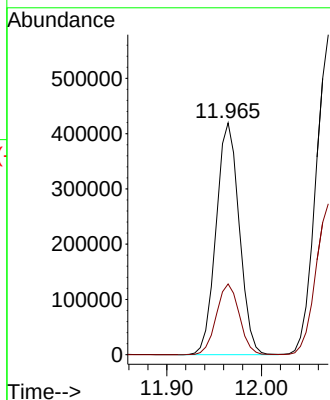
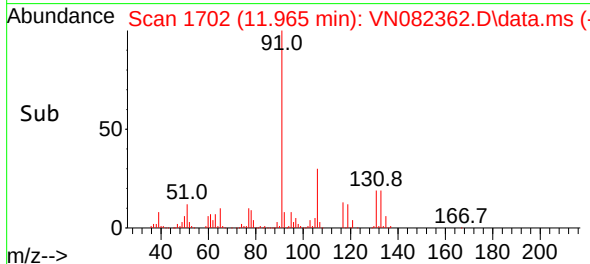
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 712405
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9

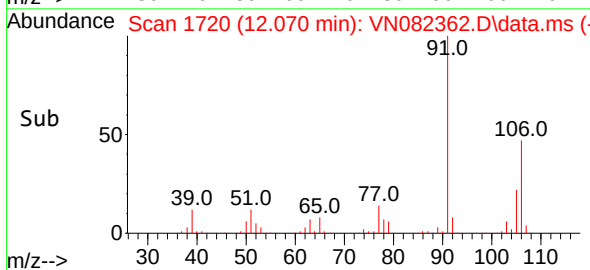
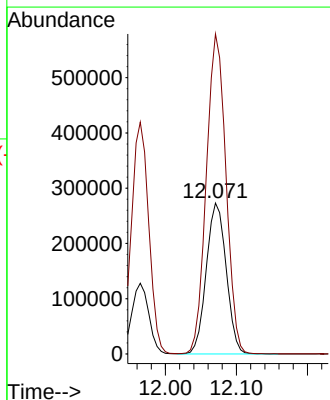
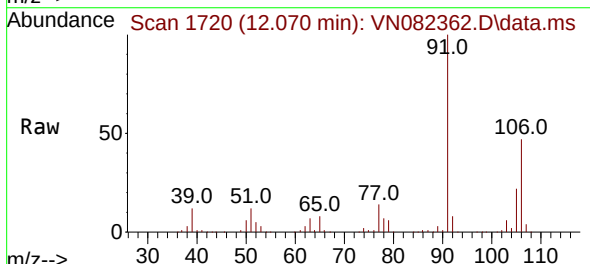
Manual Integrations
APPROVED

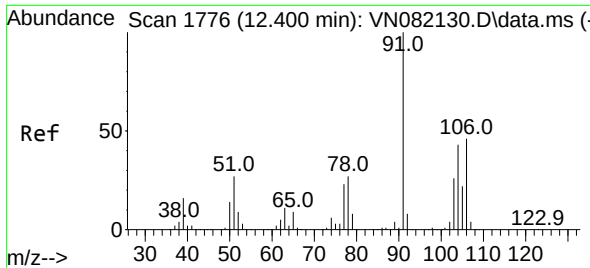
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#68
m/p-Xylenes
Concen: 109.156 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion:106 Resp: 533015
Ion Ratio Lower Upper
106 100
91 208.9 159.4 239.0





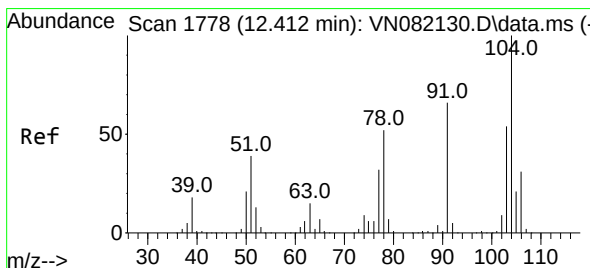
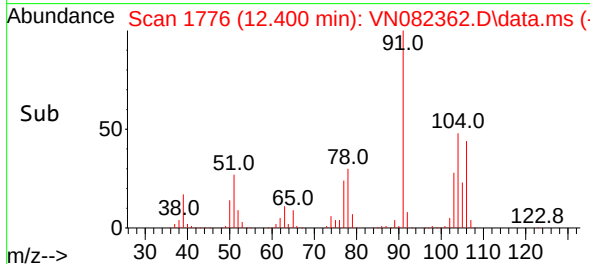
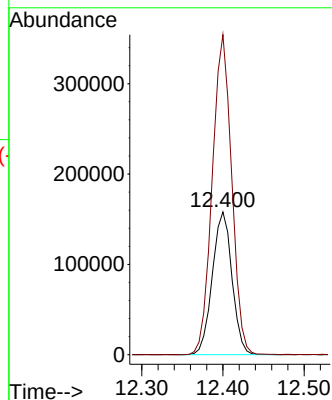
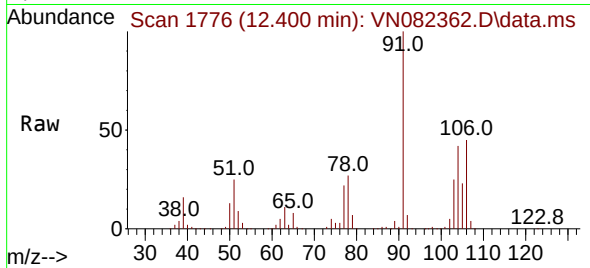
#69
o-Xylene
Concen: 56.118 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 26544
Ion Ratio Lower Upper
106 100
91 221.7 104.7 314.1

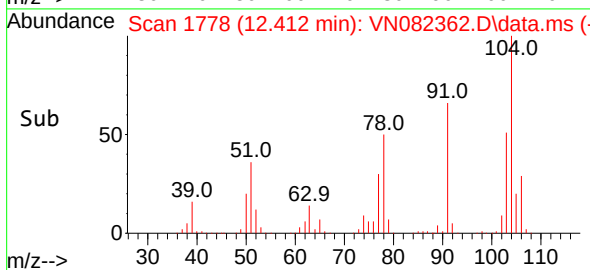
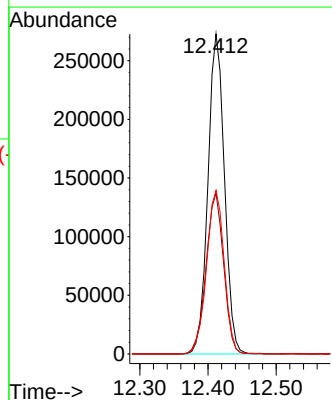
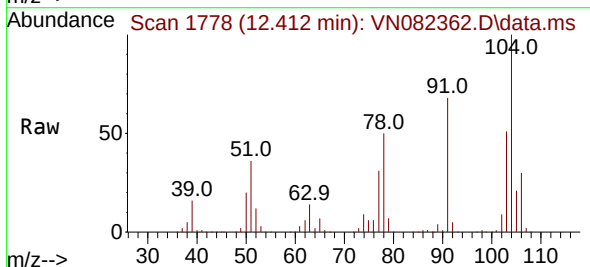
Manual Integrations
APPROVED

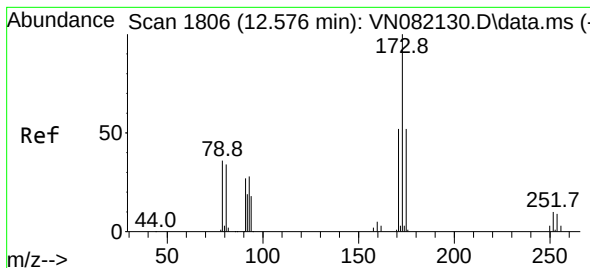
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#70
Styrene
Concen: 58.579 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion:104 Resp: 460235
Ion Ratio Lower Upper
104 100
78 53.5 38.6 58.0
103 54.5 43.8 65.6





#71

Bromoform

Concen: 60.977 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 11928

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

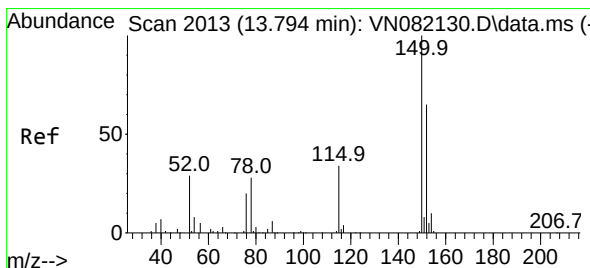
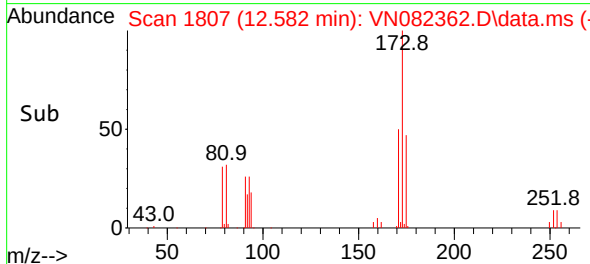
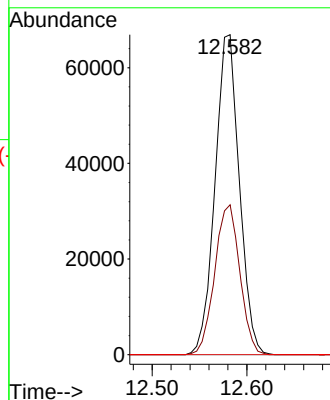
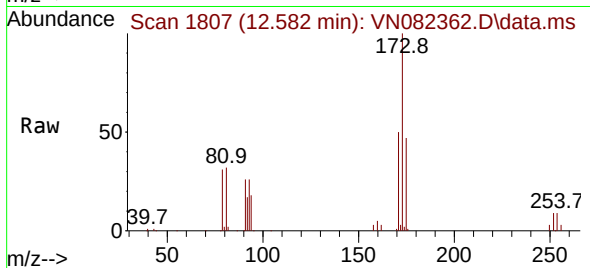
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

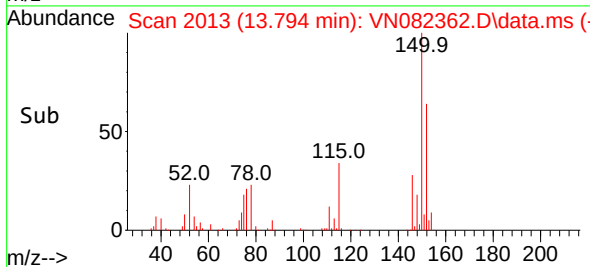
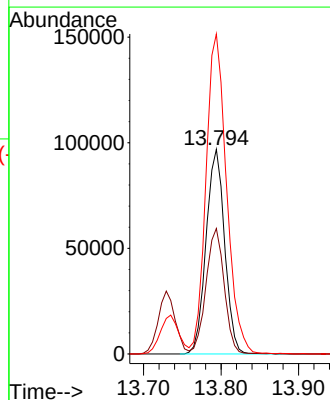
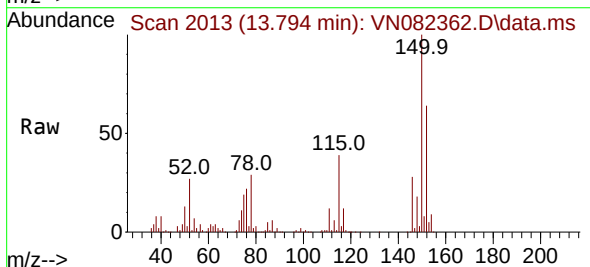
Tgt Ion:152 Resp: 161109

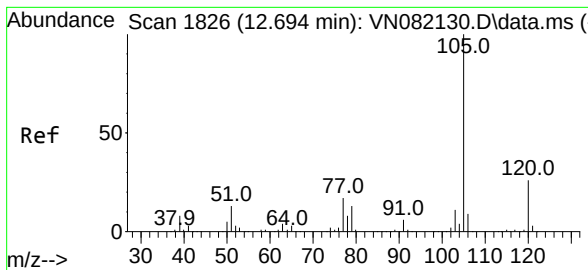
Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.3

150 172.5 0.0 353.2





#73
Isopropylbenzene
Concen: 52.479 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

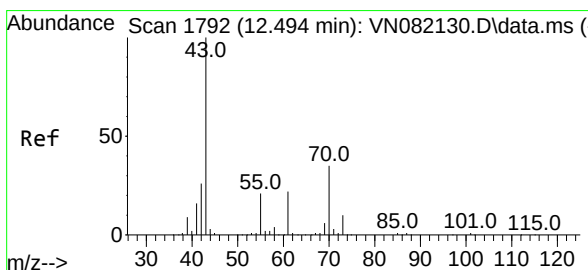
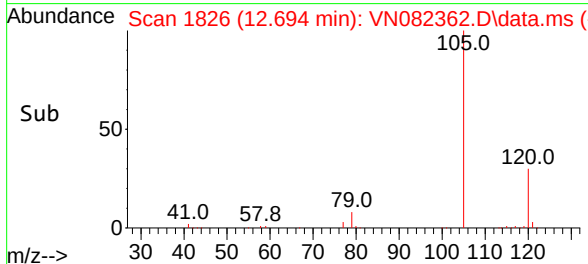
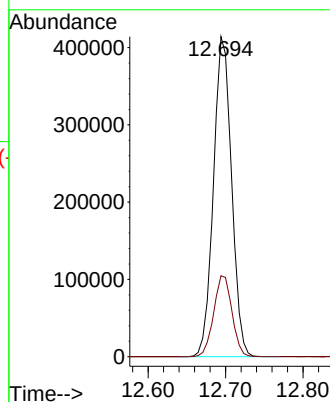
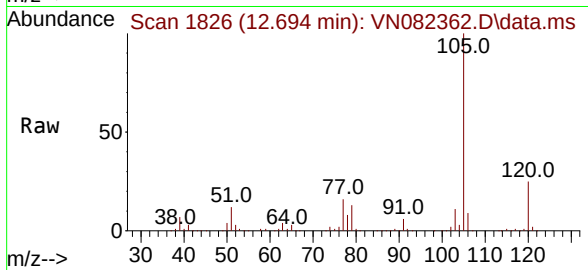
VSTDCCC050

Tgt Ion:105 Resp: 671690
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations

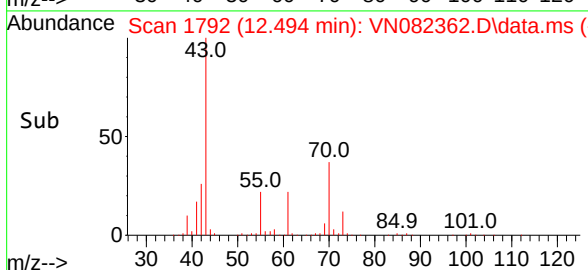
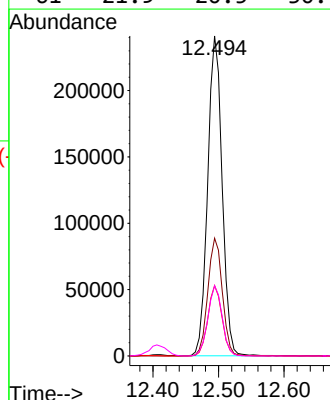
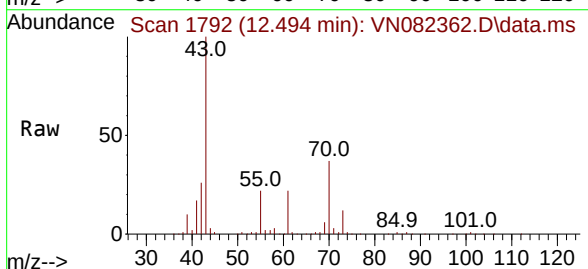
APPROVED

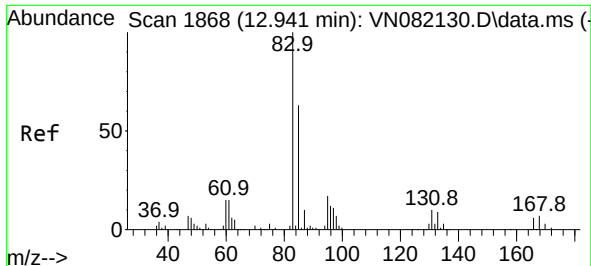
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#74
N-ethyl acetate
Concen: 52.347 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

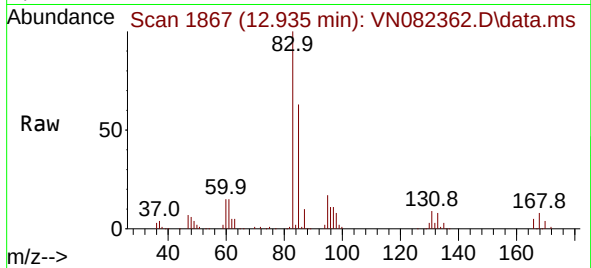
Tgt Ion: 43 Resp: 368541
Ion Ratio Lower Upper
43 100
70 37.0 39.0 58.4#
55 21.8 21.3 31.9
61 21.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.683 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

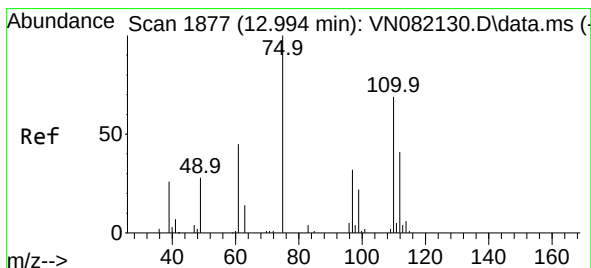
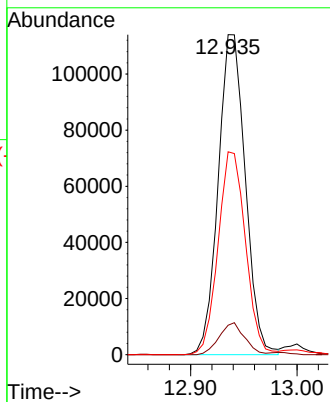
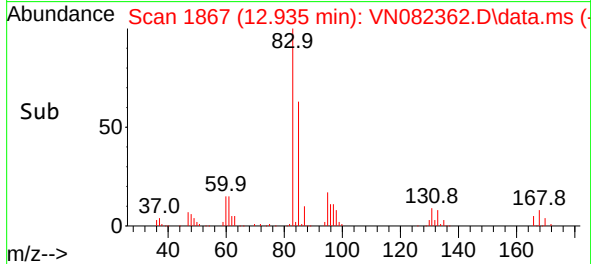
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 20175
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.4
85 64.0 32.9 98.6

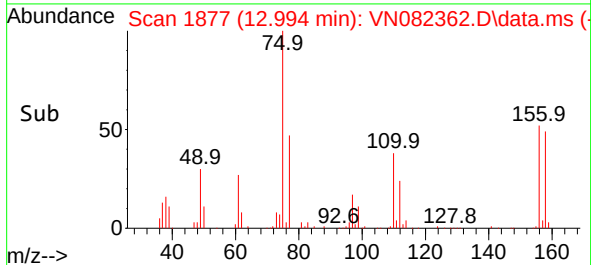
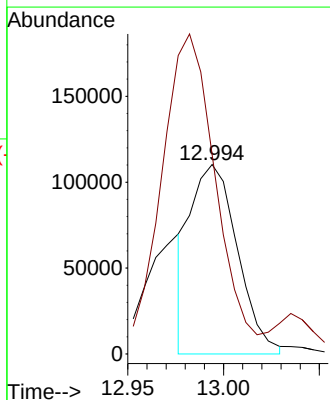
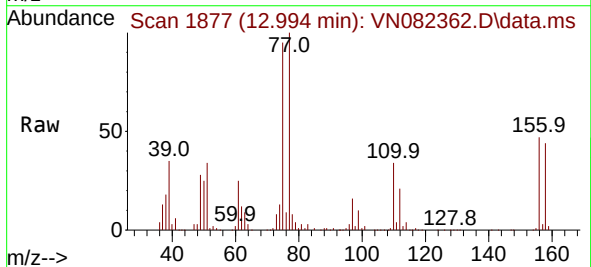
Manual Integrations
APPROVED

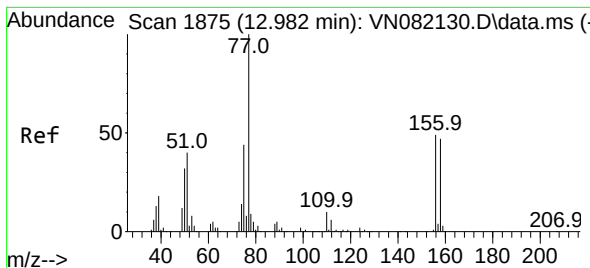
Reviewed By :John Carbone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#76
1,2,3-Trichloropropane
Concen: 55.207 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion: 75 Resp: 187204
Ion Ratio Lower Upper
75 100
77 196.8 90.5 271.3





#77

Bromobenzene

Concen: 54.854 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

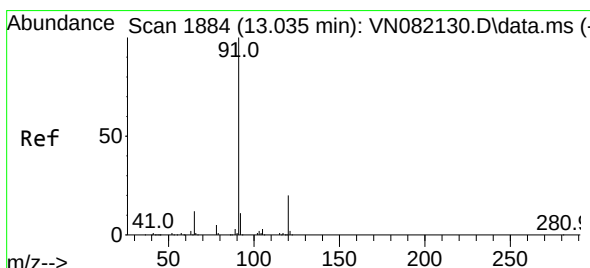
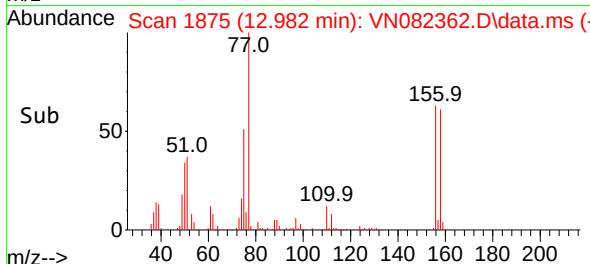
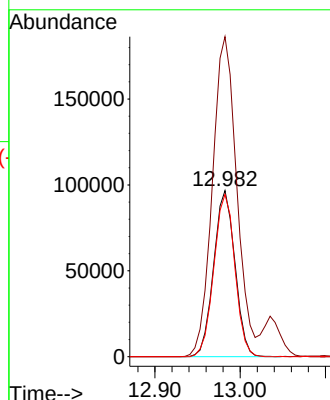
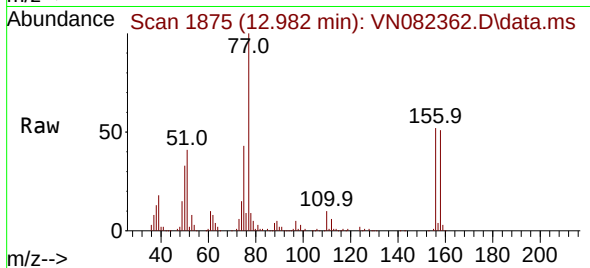
Tgt Ion:	156	Resp:	16731
Ion Ratio	Lower	Upper	
156	100		
77	220.2	100.2	300.6
158	96.7	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#78

n-propylbenzene

Concen: 52.093 ug/l

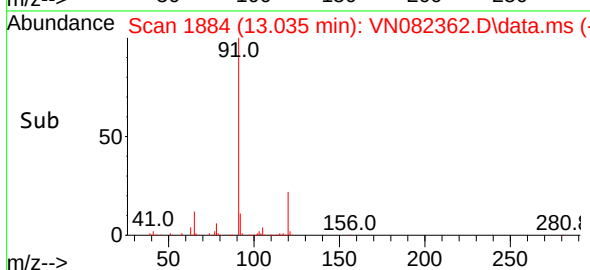
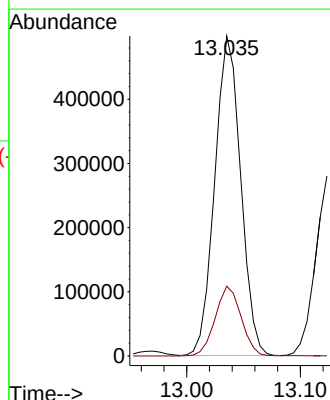
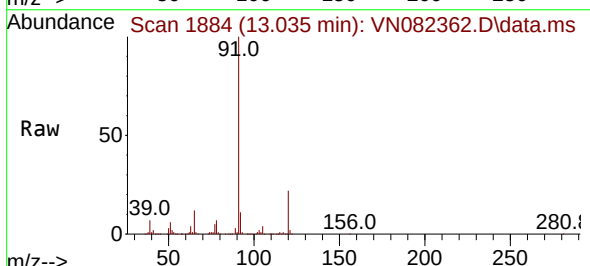
RT: 13.035 min Scan# 1884

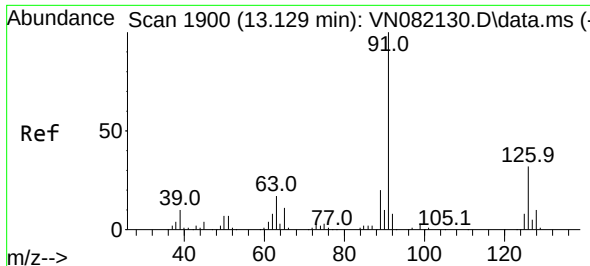
Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Tgt Ion:	91	Resp:	789542
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.7	35.0





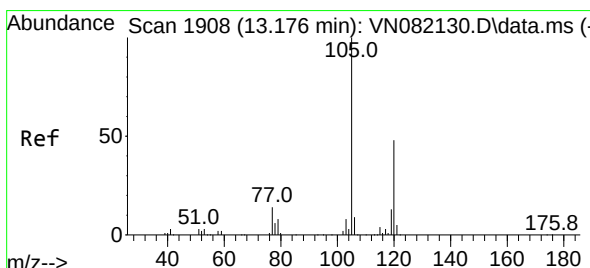
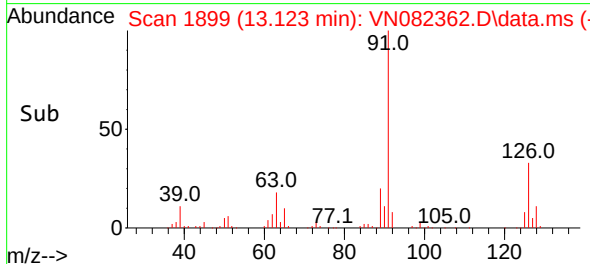
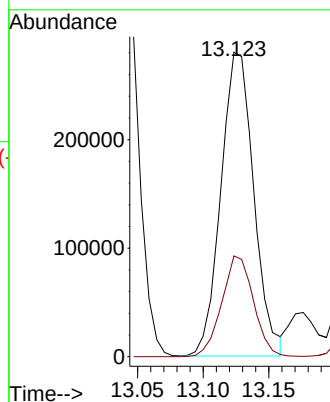
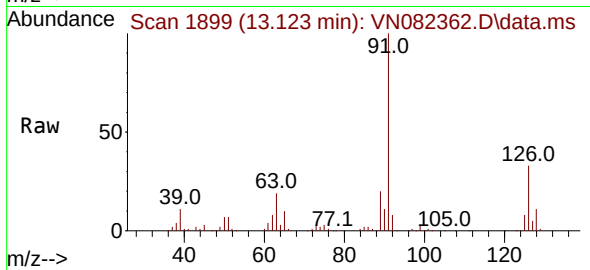
#79
2-Chlorotoluene
Concen: 51.385 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 489040
Ion Ratio Lower Upper
91 100
126 32.0 17.5 52.5

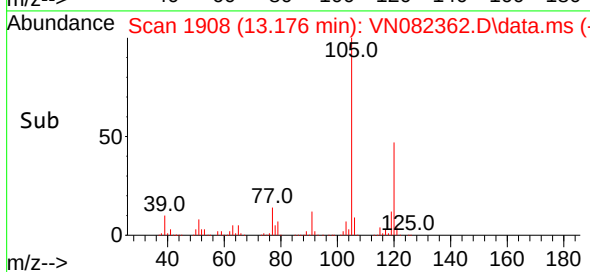
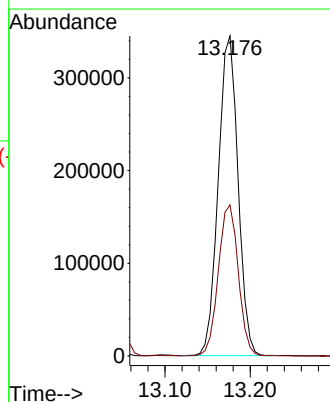
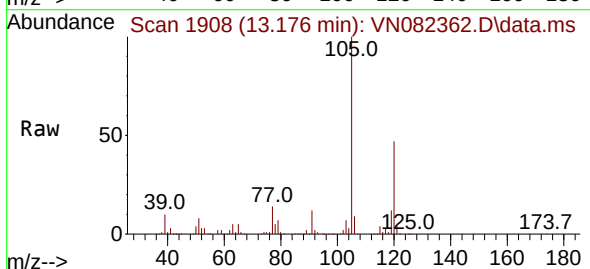
Manual Integrations
APPROVED

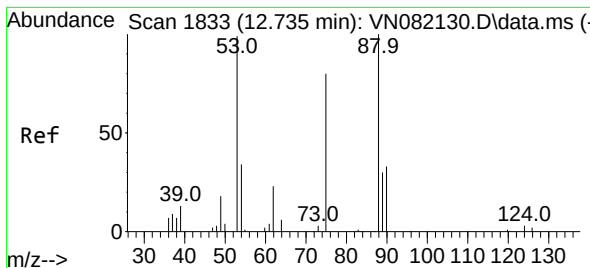
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.759 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Tgt Ion:105 Resp: 556370
Ion Ratio Lower Upper
105 100
120 48.0 24.8 74.3





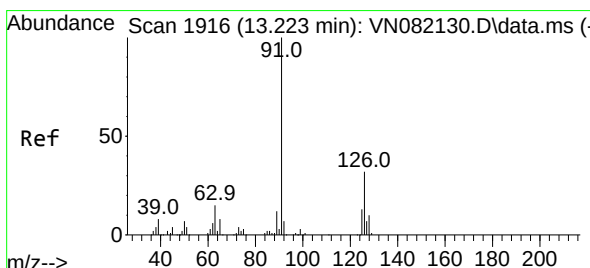
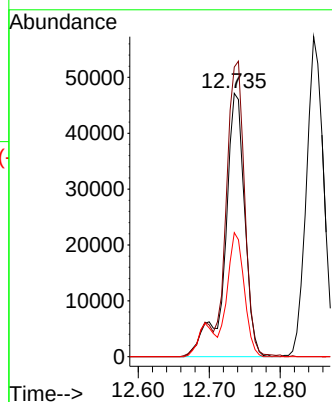
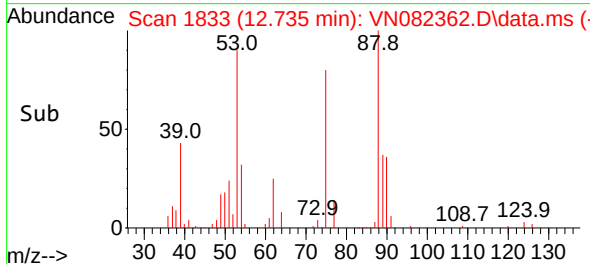
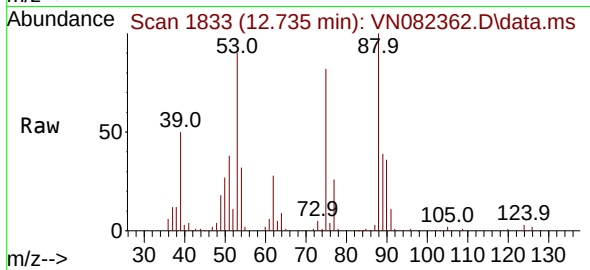
#81
trans-1,4-Dichloro-2-butene
Concen: 62.778 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 91014
Ion Ratio Lower Upper
75 100
53 102.5 72.9 109.3
89 40.2 39.1 58.7

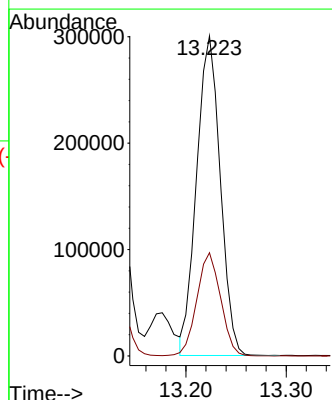
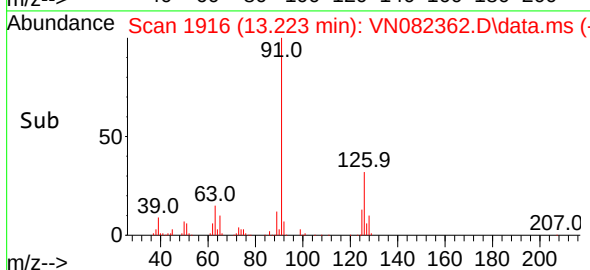
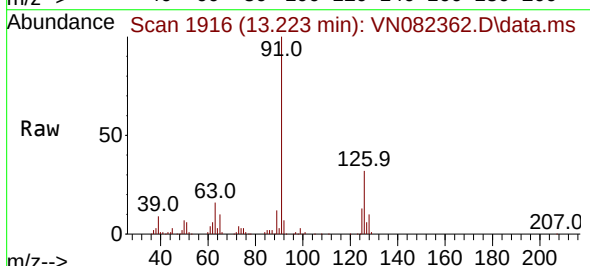
Manual Integrations
APPROVED

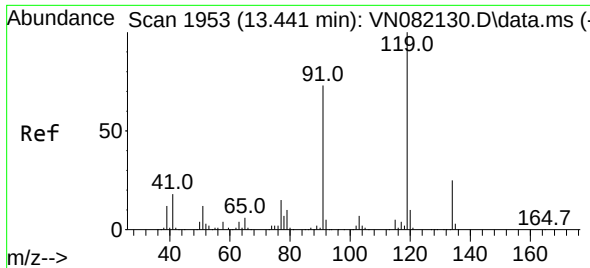
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#82
4-Chlorotoluene
Concen: 52.971 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

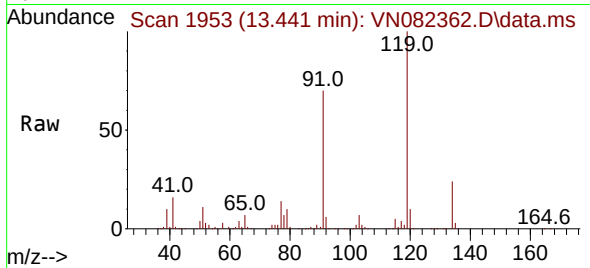
Tgt Ion: 91 Resp: 492912
Ion Ratio Lower Upper
91 100
126 32.6 17.4 52.3





#83
tert-Butylbenzene
Concen: 52.324 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

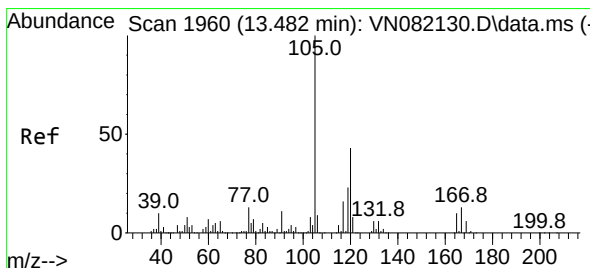
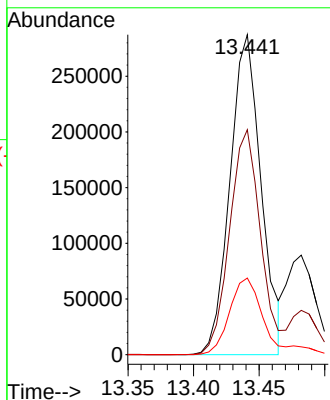
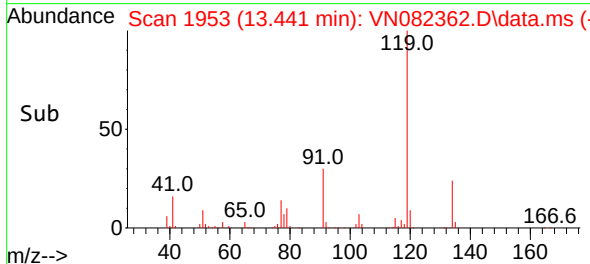
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



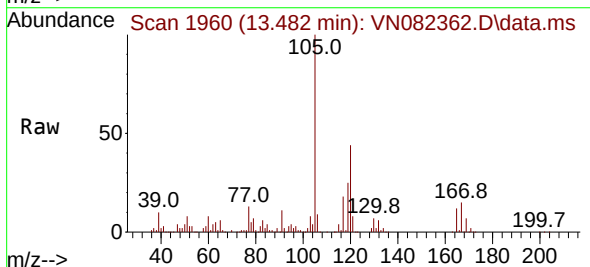
Tgt Ion:119 Resp: 47375
Ion Ratio Lower Upper
119 100
91 69.5 32.6 97.8
134 26.7 12.4 37.0

Manual Integrations
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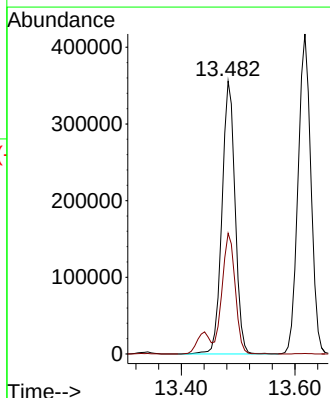
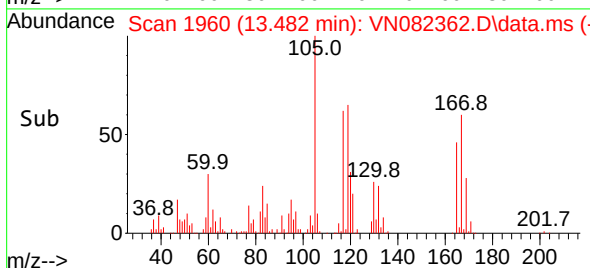
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

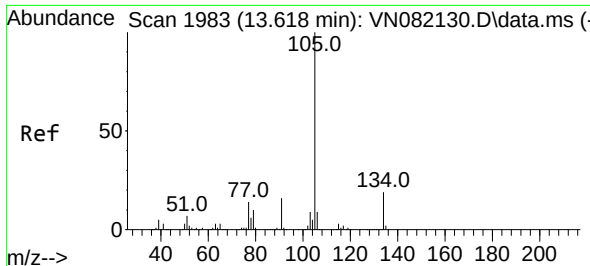


#84
1,2,4-Trimethylbenzene
Concen: 54.029 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



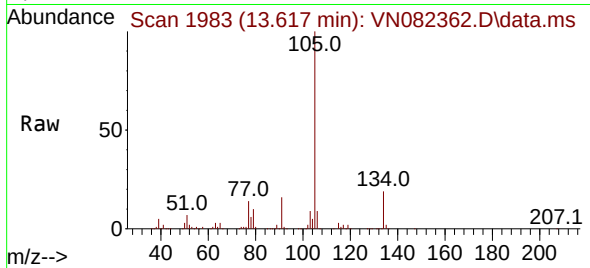
Tgt Ion:105 Resp: 572077
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 52.080 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082362.D
 Acq: 29 May 2024 10:16

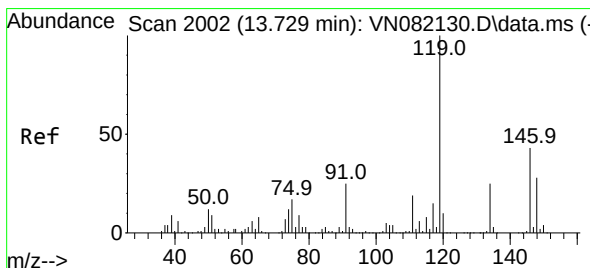
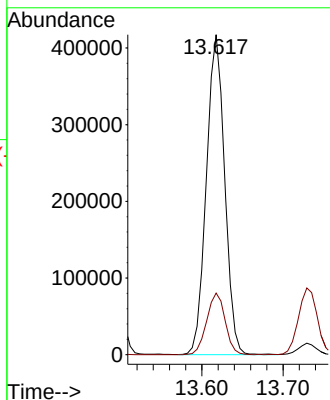
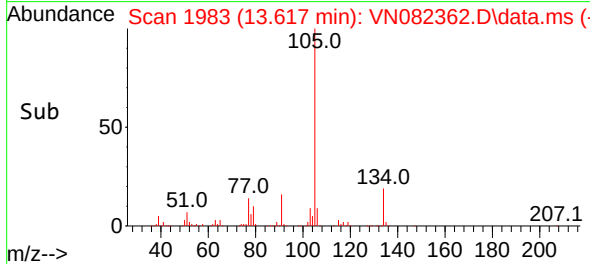
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



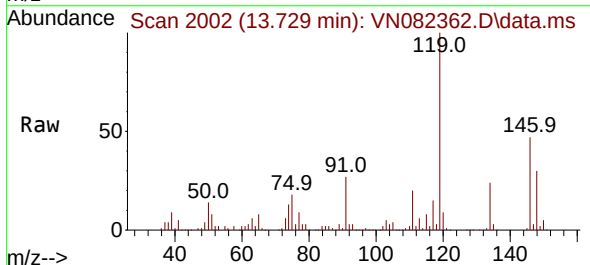
Tgt Ion:105 Resp: 653590
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations
 APPROVED

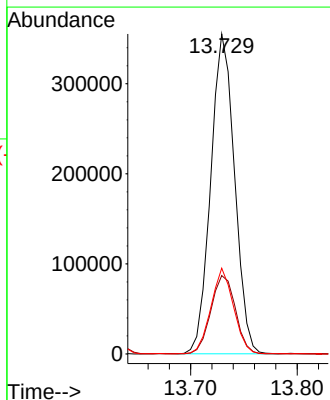
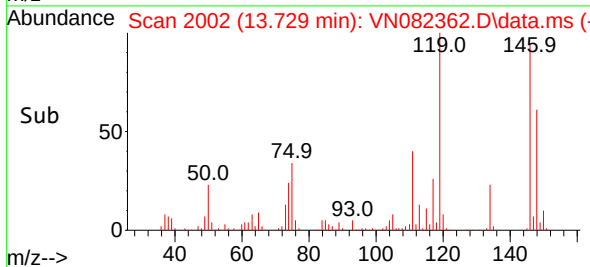
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

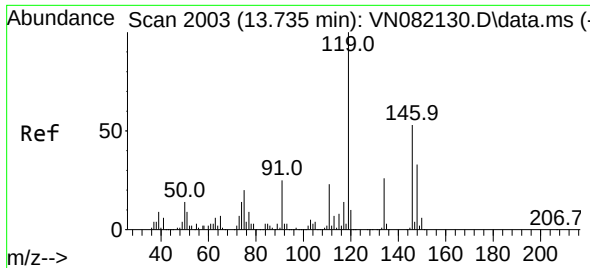


#86
 p-Isopropyltoluene
 Concen: 54.114 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082362.D
 Acq: 29 May 2024 10:16



Tgt Ion:119 Resp: 551918
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 25.4 11.8 35.3





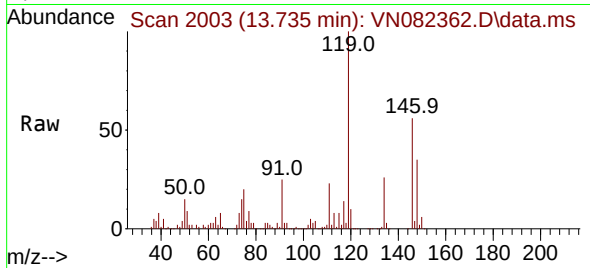
#87
1,3-Dichlorobenzene
Concen: 54.242 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



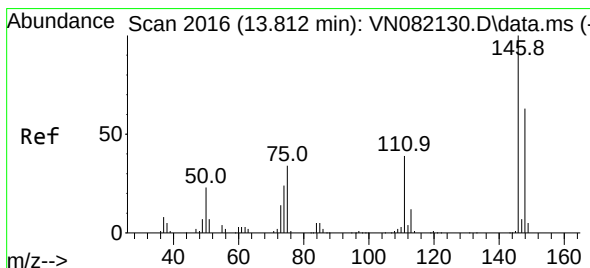
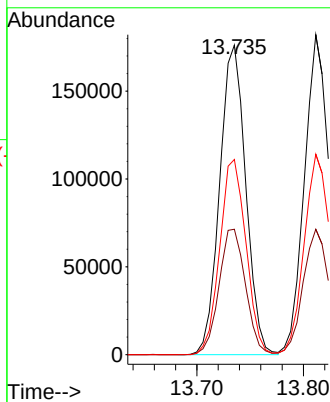
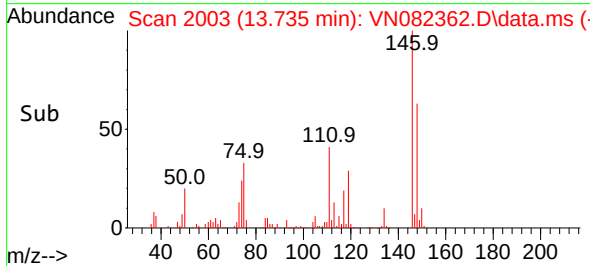
Tgt Ion:146 Resp: 299744
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.5
148 63.4 32.1 96.3

Manual Integrations

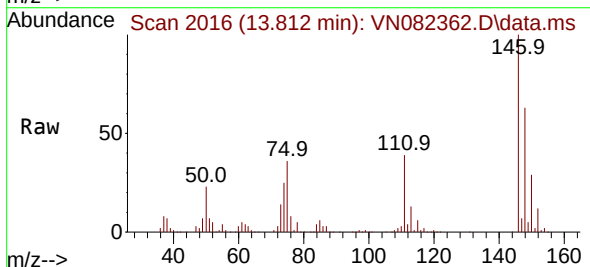
APPROVED

Reviewed By :John Carlone 05/30/2024

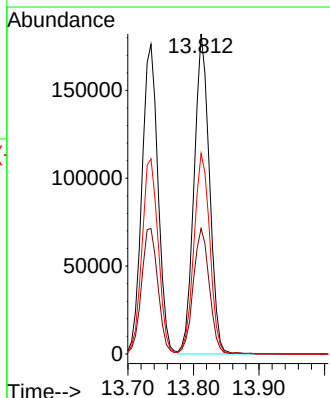
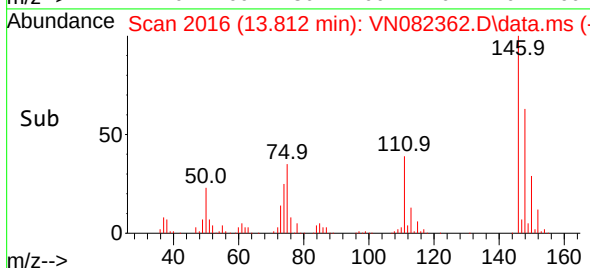
Supervised By :Semsettin Yesilyurt 05/30/2024

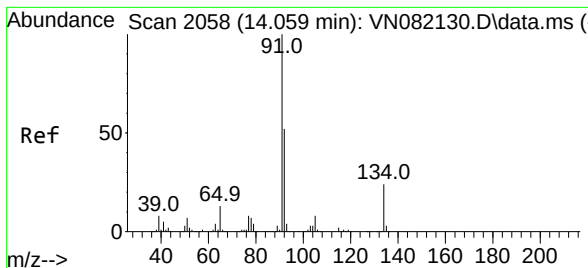


#88
1,4-Dichlorobenzene
Concen: 52.868 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion:146 Resp: 298177
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.9
148 64.7 31.3 93.9





#89

n-Butylbenzene

Concen: 52.760 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

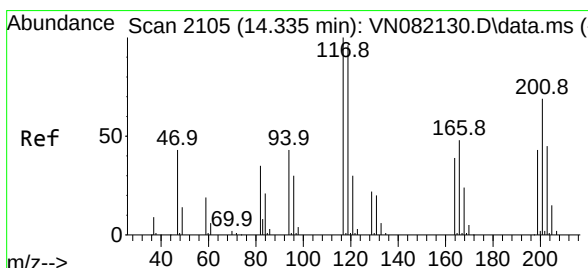
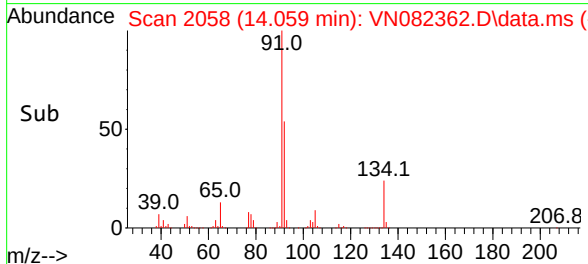
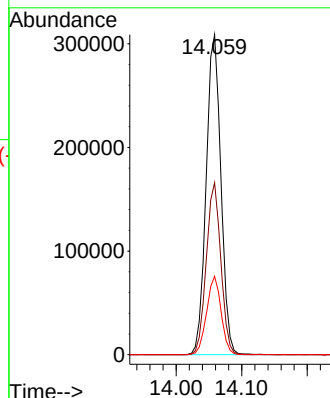
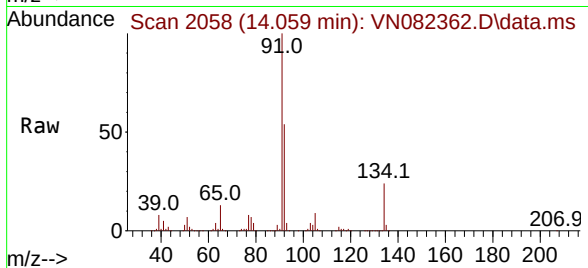
Tgt Ion:	91	Resp:	483662
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.2	78.5
134	24.1	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#90

Hexachloroethane

Concen: 54.073 ug/l

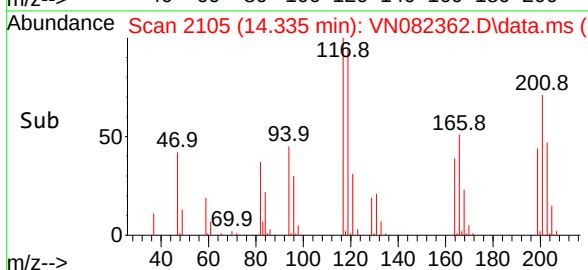
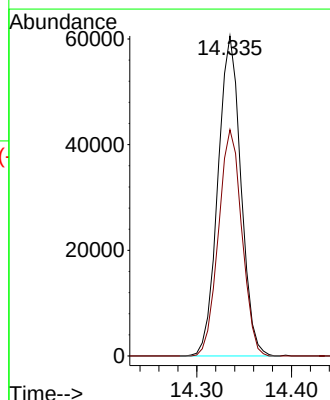
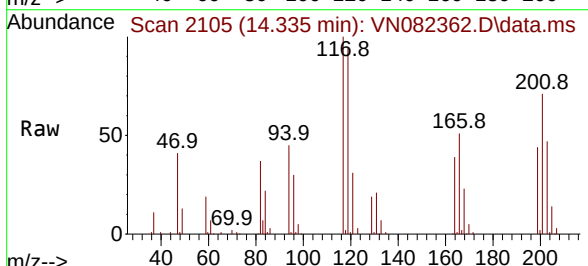
RT: 14.335 min Scan# 2105

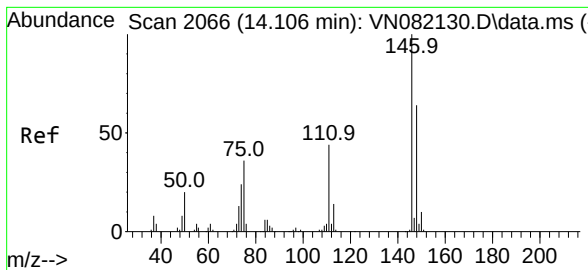
Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Tgt Ion:	117	Resp:	102180
Ion	Ratio	Lower	Upper
117	100		
201	71.9	33.3	99.8





#91
1,2-Dichlorobenzene
Concen: 55.308 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

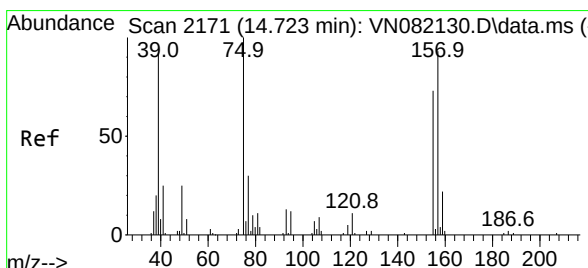
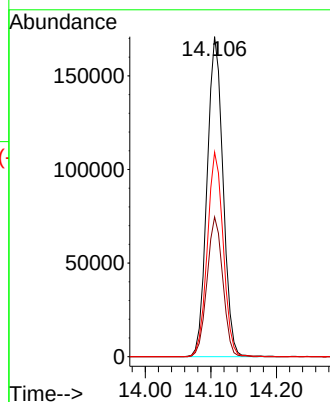
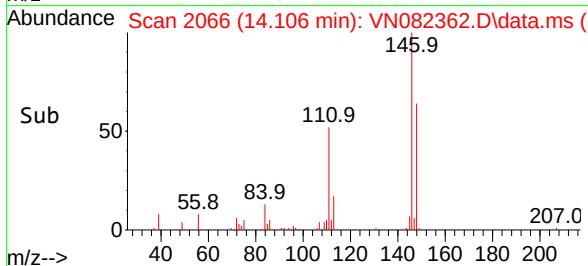
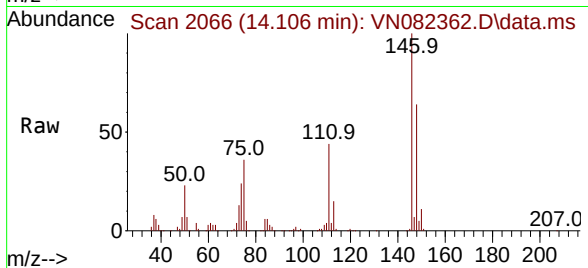
Tgt Ion:146 Resp: 289300
Ion Ratio Lower Upper
146 100
111 43.1 21.3 64.0
148 63.6 31.8 95.4

Manual Integrations

APPROVED

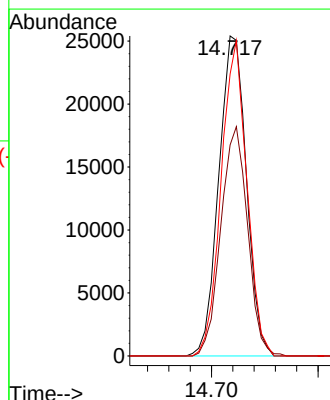
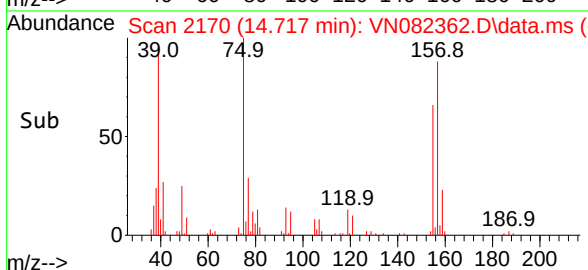
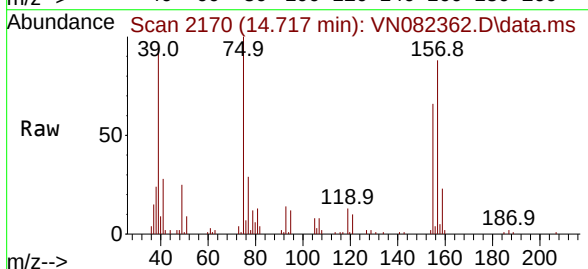
Reviewed By :John Carlone 05/30/2024

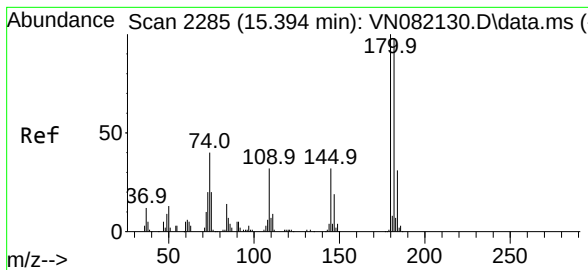
Supervised By :Semsettin Yesilyurt 05/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.201 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

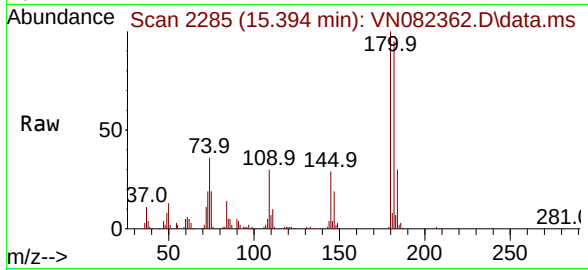
Tgt Ion: 75 Resp: 45635
Ion Ratio Lower Upper
75 100
155 69.6 42.6 128.0
157 91.6 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 57.109 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16

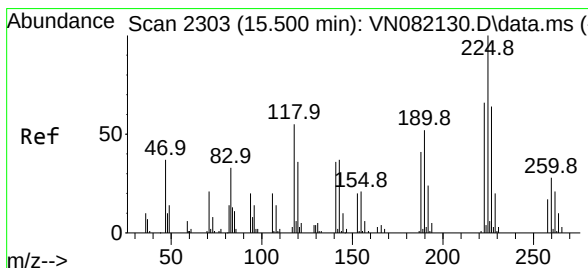
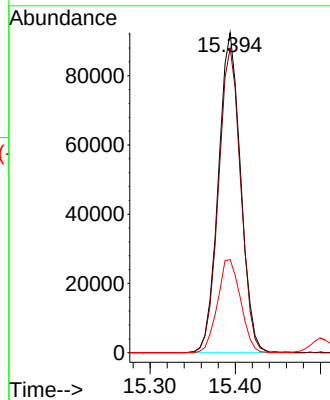
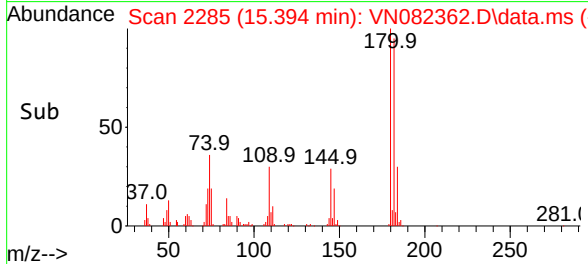
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



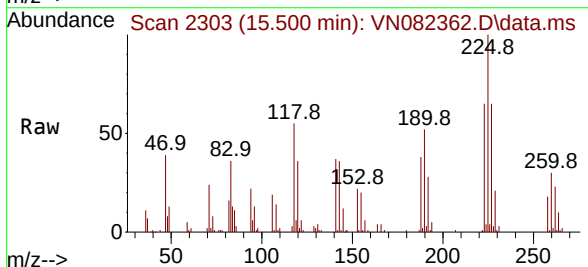
Tgt Ion:180 Resp: 167449
Ion Ratio Lower Upper
180 100
182 95.1 46.7 140.0
145 30.2 16.2 48.6

Manual Integrations
APPROVED

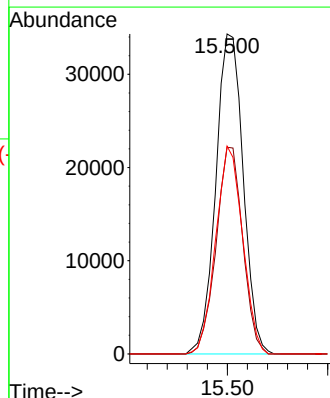
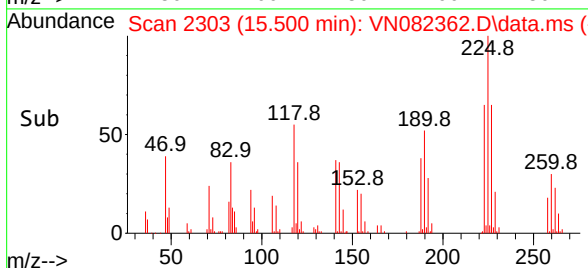
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

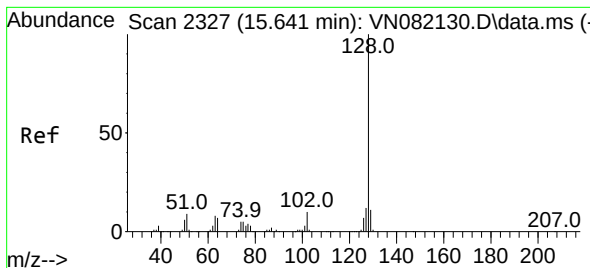


#94
Hexachlorobutadiene
Concen: 50.486 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN082362.D
Acq: 29 May 2024 10:16



Tgt Ion:225 Resp: 64954
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.2
227 63.8 30.6 91.6





#95

Naphthalene

Concen: 61.207 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

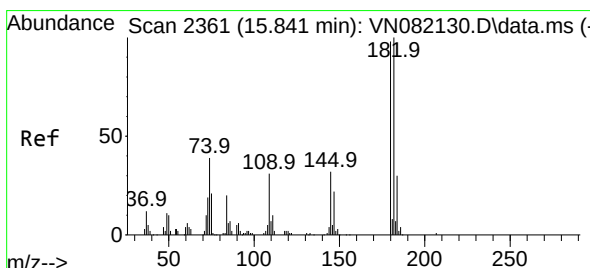
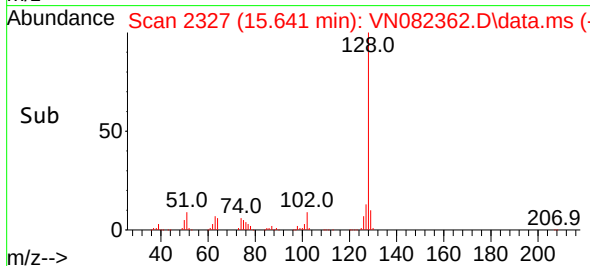
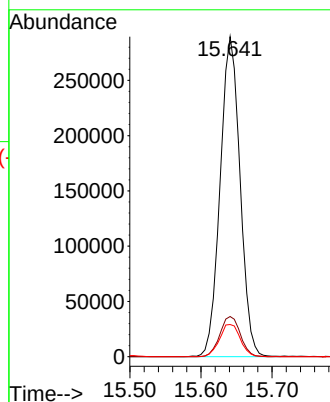
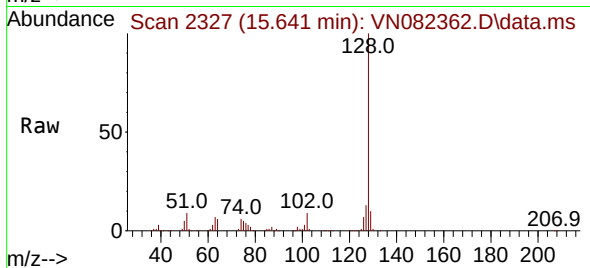
Tgt Ion:	128	Resp:	56241
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	10.6	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.970 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082362.D

Acq: 29 May 2024 10:16

Tgt Ion:	180	Resp:	164284
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.0	137.8
145	33.4	17.1	51.3

