

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081981.D
 Acq On : 02 May 2024 17:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 03 00:12:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	34675	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	213250	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	183298	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85583	29.479	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.267%		
60) 4-Bromofluorobenzene	12.853	95	90242	29.583	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.600%		
63) Toluene-d8	10.571	98	267913	30.777	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38157	19.386	ug/l	91
3) Chloromethane	2.359	50	45114	19.764	ug/l	97
4) Vinyl Chloride	2.512	62	42358	19.643	ug/l	97
5) Bromomethane	2.965	94	18944	16.836	ug/l	89
6) Chloroethane	3.118	64	25264	20.690	ug/l	96
7) Trichlorofluoromethane	3.500	101	59767	18.941	ug/l	99
8) Diethyl Ether	3.959	74	29979	19.626	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	41201	19.047	ug/l	80
10) 1,1-Dichloroethene	4.342	96	41833	19.767	ug/l	94
11) Methyl Iodide	4.583	142	37485	19.382	ug/l	90
12) Methyl Acetate	5.024	43	59457	22.437	ug/l #	85
13) Acrolein	4.177	56	41698	74.039	ug/l	95
14) Acrylonitrile	5.718	53	128115	105.932	ug/l	99
15) Acetone	4.424	58	27655	102.045	ug/l	99
16) Carbon Disulfide	4.718	76	109202	18.625	ug/l	99
17) Allyl chloride	5.012	41	73234	19.710	ug/l	80
18) Methylene Chloride	5.277	84	47730	19.822	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	43066	19.550	ug/l	98
20) Diisopropyl ether	6.665	45	170933	20.793	ug/l #	93
21) 1,1-Dichloroethane	6.571	63	89769	20.623	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	53561	19.953	ug/l	93
23) tert-Butyl Alcohol	5.518	59	46855m	94.055	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	153276	20.089	ug/l #	88
25) Chloroform	7.965	83	87201	20.823	ug/l	97
26) Cyclohexane	8.265	56	74406	19.767	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	59582	18.767	ug/l	96
30) 2-Butanone	7.483	43	162327	99.191	ug/l	94
31) 2,2-Dichloropropane	7.483	77	73967	22.735	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	71207	19.502	ug/l #	93
33) Carbon Tetrachloride	8.359	117	56321	19.007	ug/l	99
34) Benzene	8.606	78	199698	19.717	ug/l	95
35) Methacrylonitrile	7.777	41	38739	18.711	ug/l	96
36) 1,2-Dichloroethane	8.671	62	62406	18.355	ug/l	100
37) Trichloroethene	9.353	130	41919	16.898	ug/l	96
38) Methylcyclohexane	9.600	83	73622	19.196	ug/l	94
39) 1,2-Dichloropropane	9.624	63	52114	20.053	ug/l	97
40) Dibromomethane	9.712	93	33172	19.869	ug/l	88
41) Bromodichloromethane	9.888	83	66186	18.548	ug/l #	97
42) Vinyl Acetate	6.606	43	679192	97.508	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	71671	20.087	ug/l #	88
44) Isopropyl Acetate	8.688	43	123021	19.420	ug/l	90
45) 1,4-Dioxane	9.700	88	20700	407.470	ug/l	97
46) Methyl methacrylate	9.682	41	56669	19.581	ug/l	84
47) n-amyl Acetate	12.494	43	109929	19.240	ug/l #	86
48) t-1,3-Dichloropropene	10.841	75	73699	19.045	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	78260	19.128	ug/l #	77
50) 1,1,2-Trichloroethane	11.018	97	45827	20.232	ug/l	96
51) Ethyl methacrylate	10.876	69	83981	19.645	ug/l	76
52) 1,3-Dichloropropane	11.165	76	81072	19.482	ug/l	99
53) Dibromochloromethane	11.365	129	45758	18.568	ug/l	99
54) 1,2-Dibromoethane	11.471	107	45172	19.997	ug/l	94
55) 2-Chloroethyl vinyl ether	10.165	63	226809	106.100	ug/l	96
56) Bromoform	12.582	173	25327	16.886	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	353840	99.419	ug/l #	89
59) 2-Hexanone	11.194	43	265646	100.667	ug/l #	89
61) Tetrachloroethene	11.106	164	36440	17.916	ug/l	89
62) Toluene	10.629	91	206742	20.046	ug/l	100
64) Chlorobenzene	11.894	112	123656	19.603	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	39257	19.014	ug/l	95
66) Ethyl Benzene	11.965	91	223392	19.761	ug/l	98
67) m/p-Xylenes	12.076	106	167478	39.957	ug/l	100
68) o-Xylene	12.400	106	82379	19.865	ug/l	99
69) Styrene	12.412	104	137408	19.739	ug/l	99
70) Isopropylbenzene	12.700	105	205584	19.520	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	63938	21.096	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	57534m	20.305	ug/l	
73) Bromobenzene	12.982	156	42416	18.814	ug/l	82
74) n-propylbenzene	13.035	91	254130	20.452	ug/l	98
75) 2-Chlorotoluene	13.129	91	147089	19.135	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	168451	19.760	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	27063	21.459	ug/l	89
78) 4-Chlorotoluene	13.223	91	148353	19.700	ug/l	98
79) tert-butylbenzene	13.441	119	142267	19.382	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	166613	19.457	ug/l	97
81) sec-Butylbenzene	13.617	105	210875	20.495	ug/l	98
82) p-Isopropyltoluene	13.729	119	162439	19.966	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	78682	19.382	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	79725	19.539	ug/l	99
85) n-Butylbenzene	14.059	91	150569	20.260	ug/l	96
86) Hexachloroethane	14.335	117	29632	18.266	ug/l	79
87) 1,2-Dichlorobenzene	14.106	146	78446	19.402	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12489	18.363	ug/l	86
89) 1,2,4-Trichlorobenzene	15.847	180	39430	17.711	ug/l	98
90) Hexachlorobutadiene	15.500	225	13182	15.987	ug/l	86
91) Naphthalene	15.641	128	155852	18.415	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	39430	17.711	ug/l	98

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

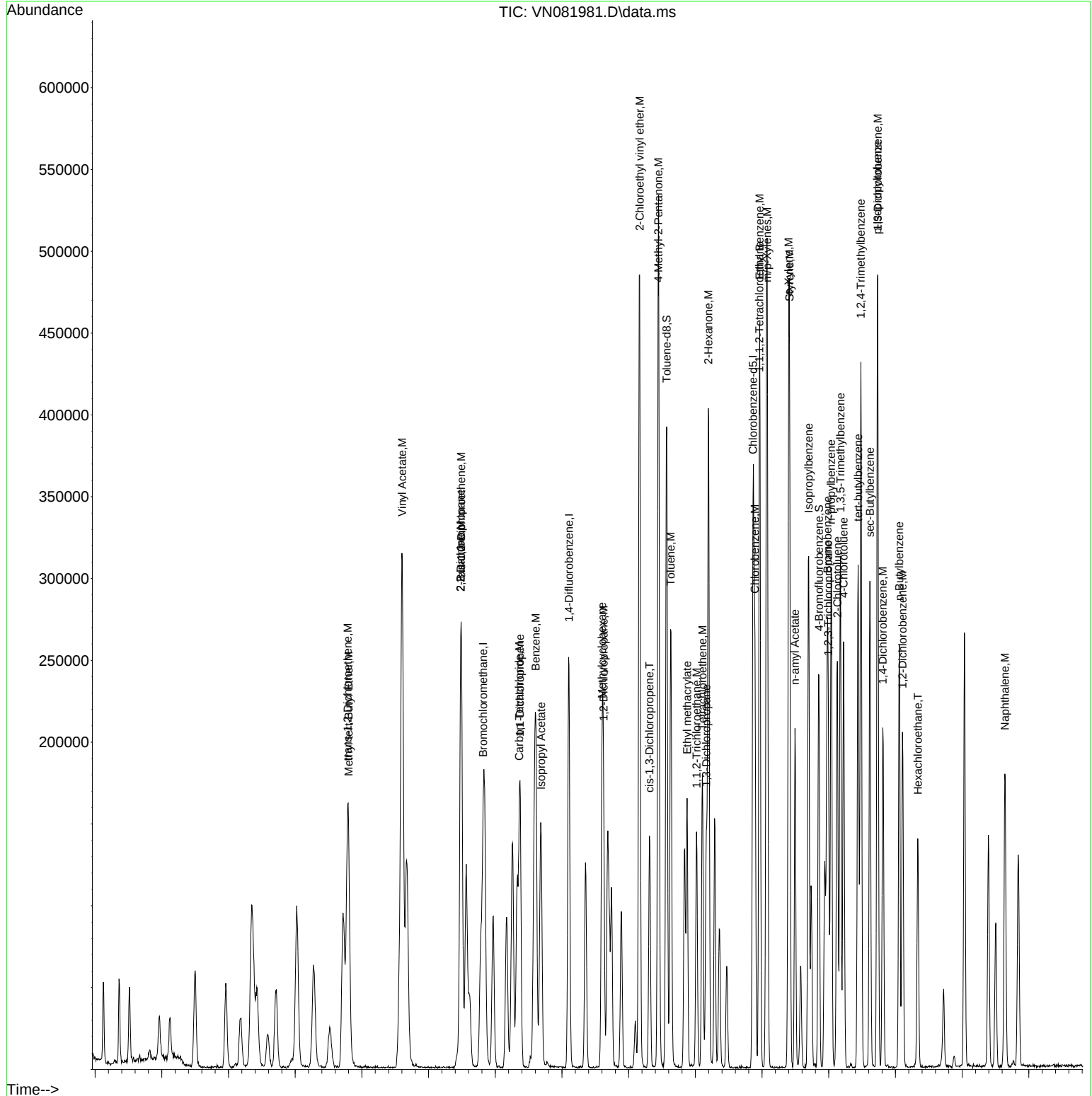
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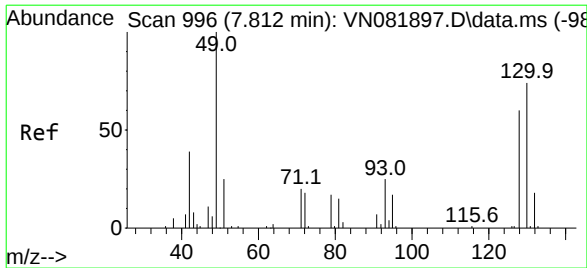
Instrument :
MSVOA_N
ClientSampleId :
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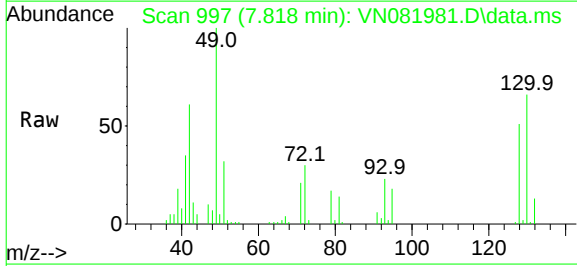
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

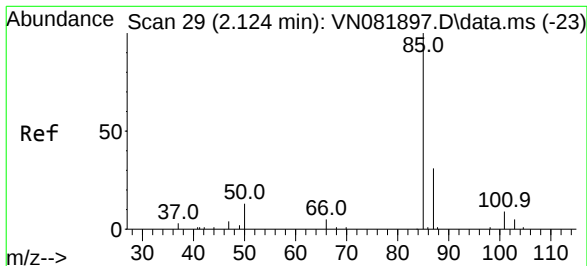
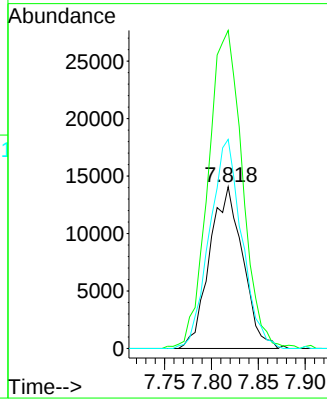
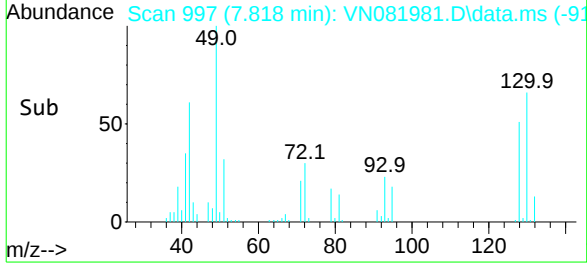
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 34675
Ion Ratio Lower Upper
128 100
49 202.7 0.0 403.7
130 125.9 0.0 323.3

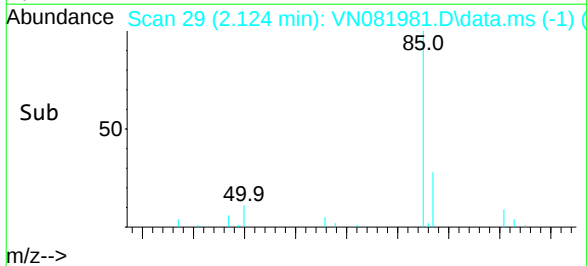
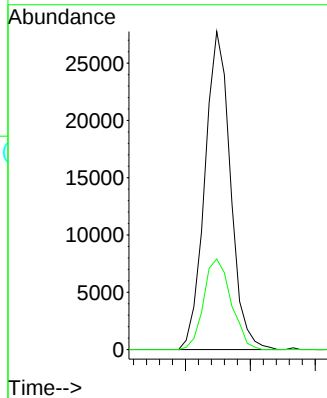
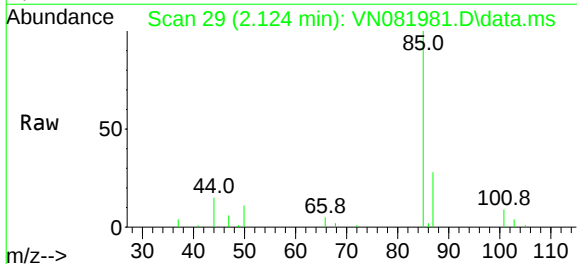
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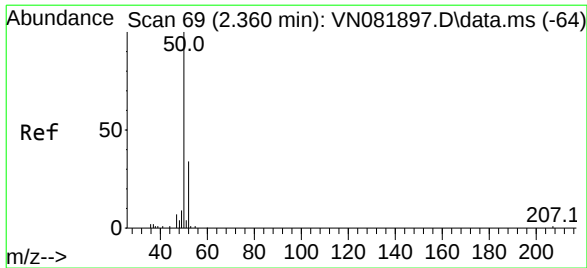
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#2
Dichlorodifluoromethane
Concen: 19.386 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

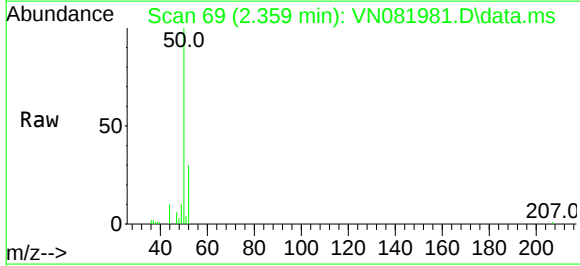
Tgt Ion: 85 Resp: 38157
Ion Ratio Lower Upper
85 100
87 28.5 16.8 50.3





#3
Chloromethane
Concen: 19.764 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

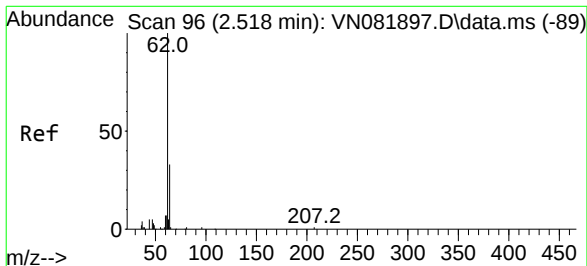
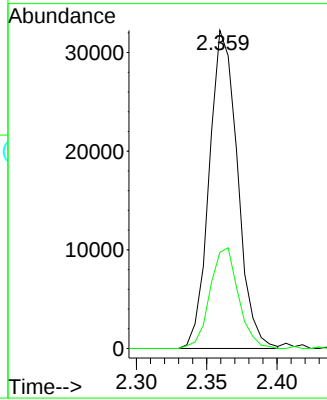
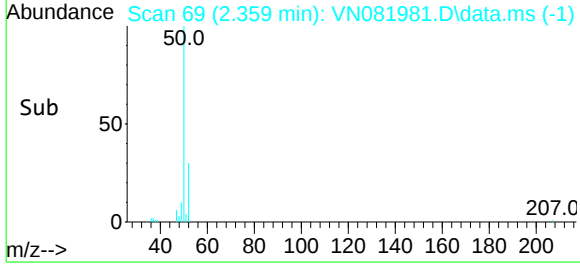
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 45114
Ion Ratio Lower Upper
50 100
52 30.2 25.4 38.0

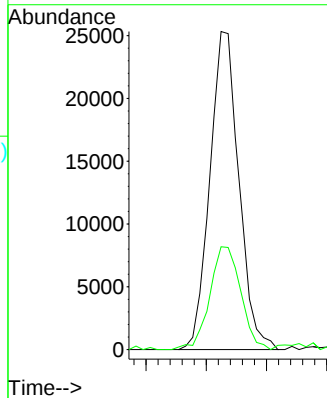
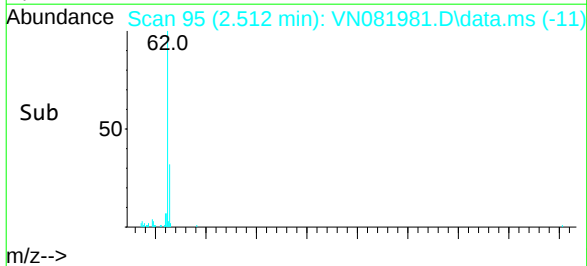
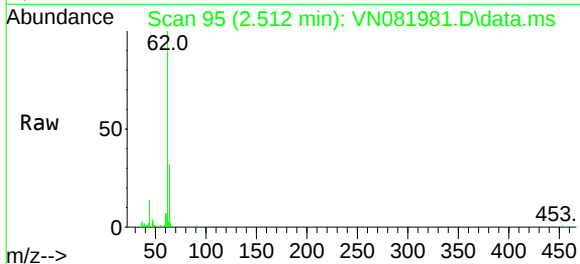
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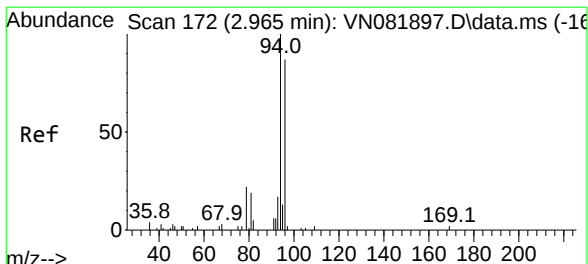
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#4
Vinyl Chloride
Concen: 19.643 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

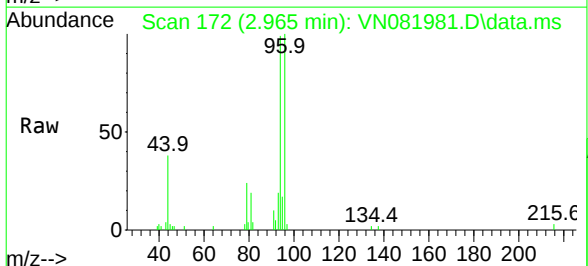
Tgt Ion: 62 Resp: 42358
Ion Ratio Lower Upper
62 100
64 31.5 24.1 36.1





#5
 Bromomethane
 Concen: 16.836 ug/l
 RT: 2.965 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

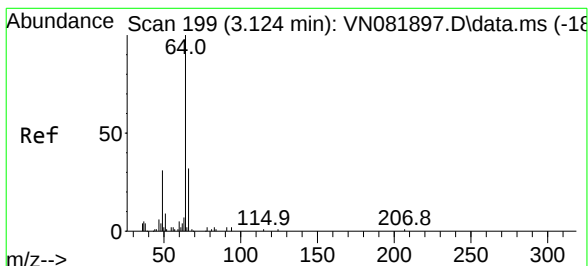
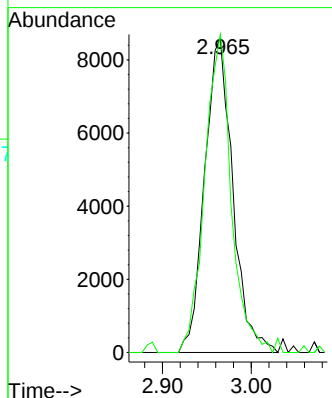
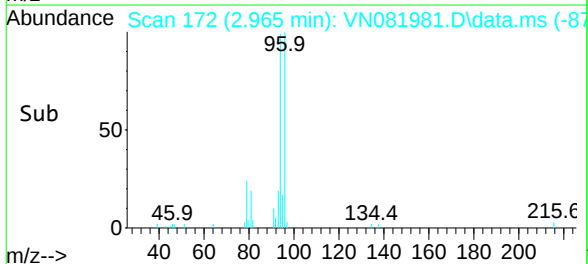
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
94	100		
96	101.1	72.8	109.2

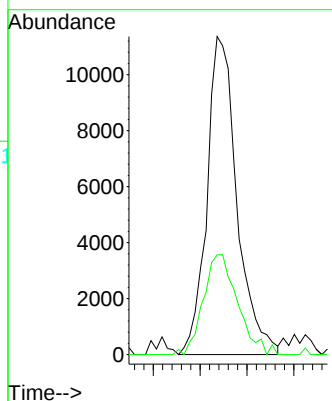
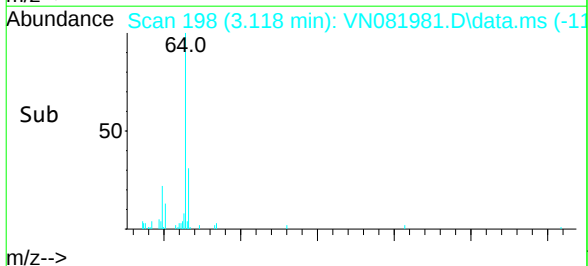
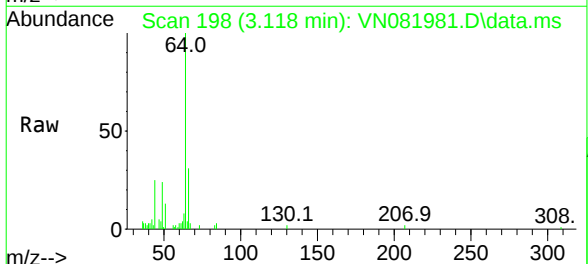
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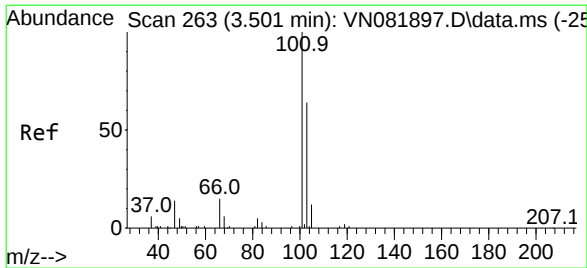
Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024



#6
 Chloroethane
 Concen: 20.690 ug/l
 RT: 3.118 min Scan# 198
 Delta R.T. -0.006 min
 Lab File: VN081981.D
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Tgt Ion	Ratio	Lower	Upper
64	100		
66	31.4	26.7	40.1





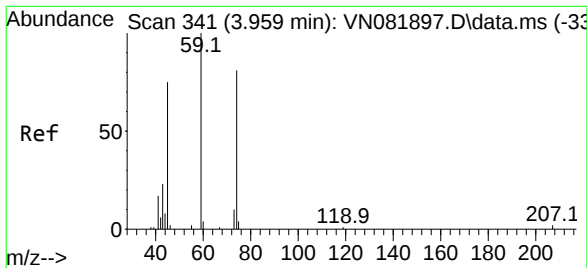
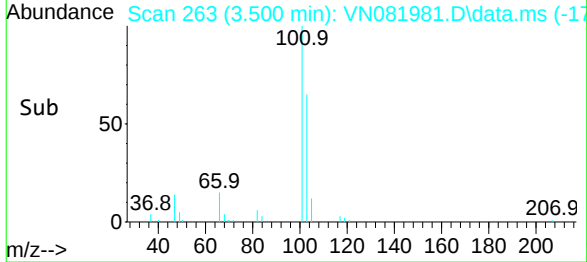
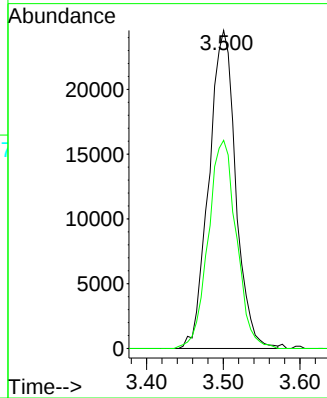
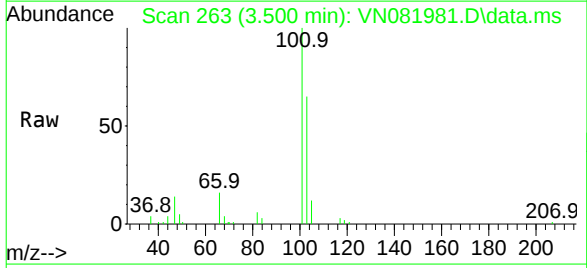
#7
 Trichlorofluoromethane
 Concen: 18.941 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 101 Resp: 59767
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.0 79.4

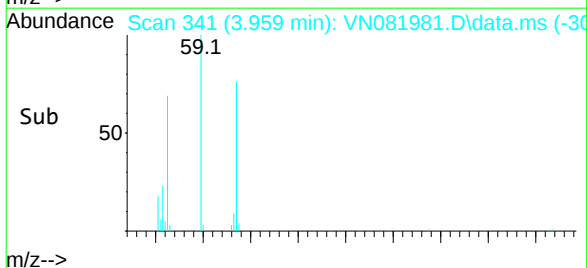
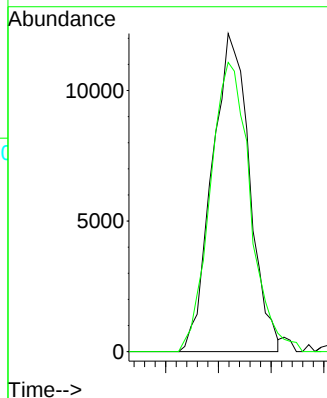
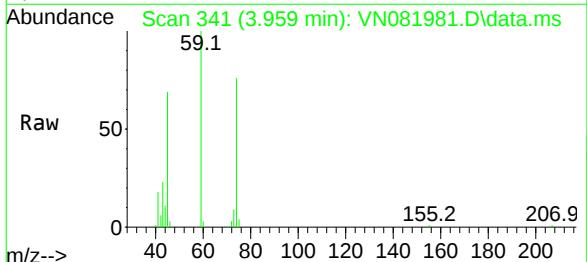
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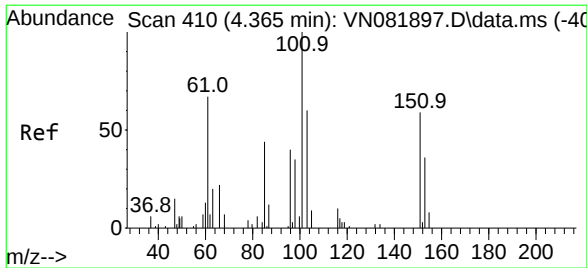
Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024



#8
 Diethyl Ether
 Concen: 19.626 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

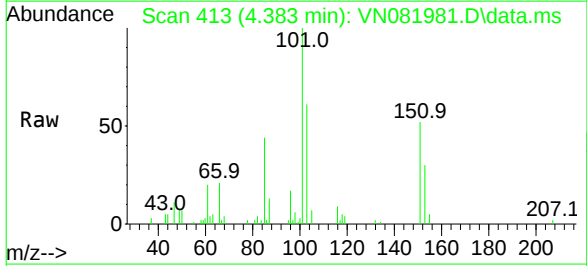
Tgt Ion: 74 Resp: 29979
 Ion Ratio Lower Upper
 74 100
 45 97.3 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.047 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN081981.D
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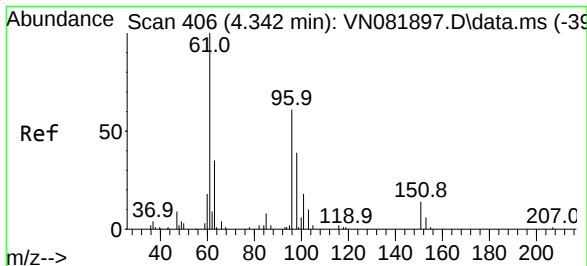
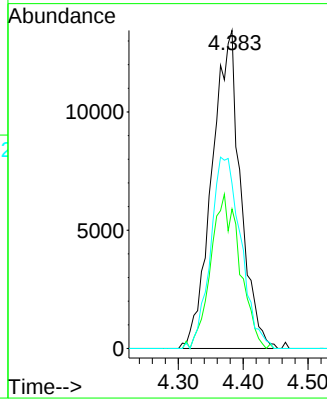
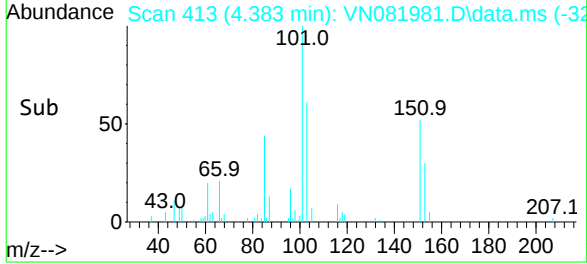
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 101 Resp: 41201
Ion Ratio Lower Upper
101 100
85 29.9 0.0 90.6
151 63.5 0.0 157.6

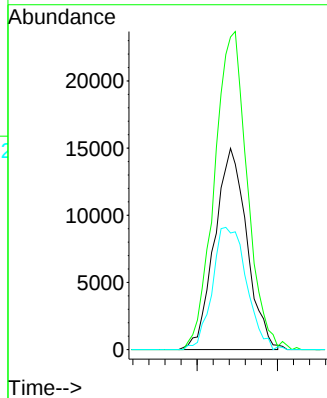
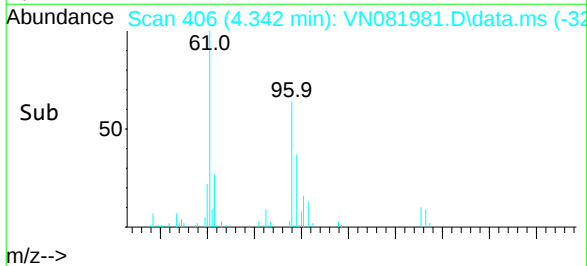
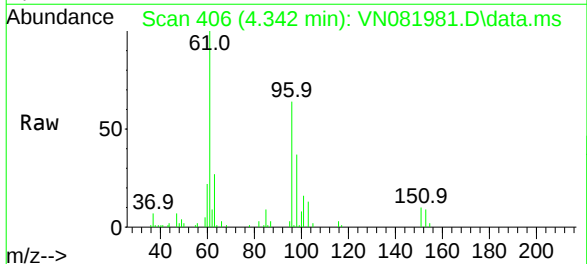
Manual Integrations
APPROVED

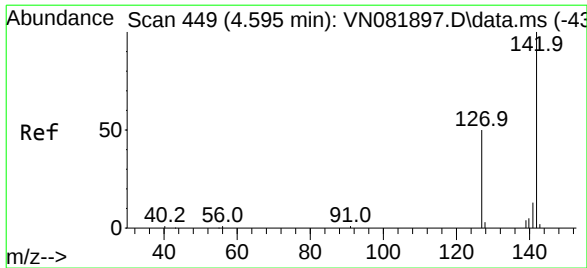
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#10
1,1-Dichloroethene
Concen: 19.767 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

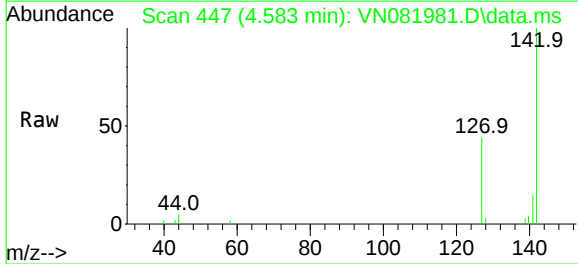
Tgt Ion: 96 Resp: 41833
Ion Ratio Lower Upper
96 100
61 155.3 117.6 176.4
98 57.9 48.4 72.6





#11
Methyl Iodide
Concen: 19.382 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

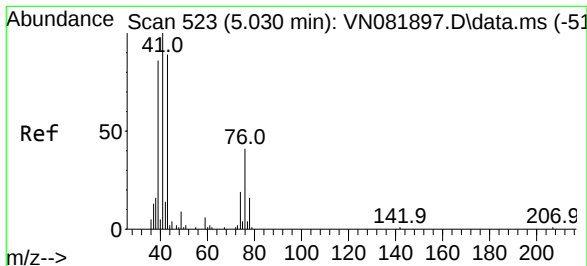
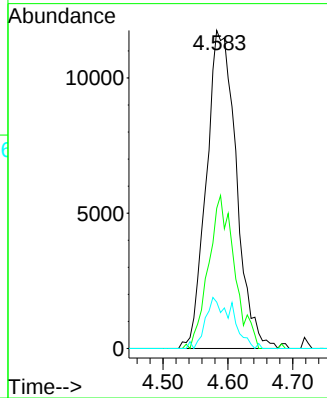
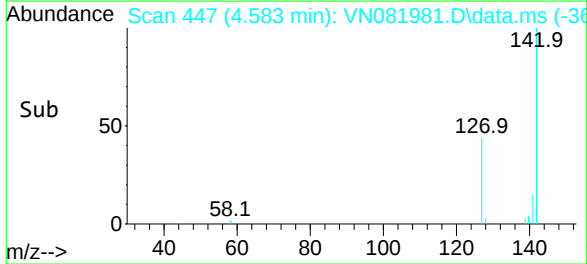
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



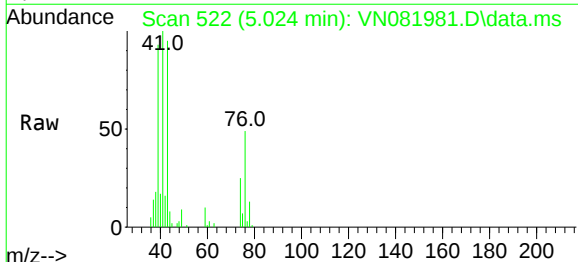
Tgt Ion: 142 Resp: 37485
Ion Ratio Lower Upper
142 100
127 44.1 26.3 78.9
141 14.6 8.3 24.9

Manual Integrations
APPROVED

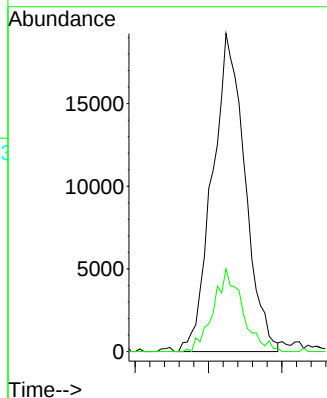
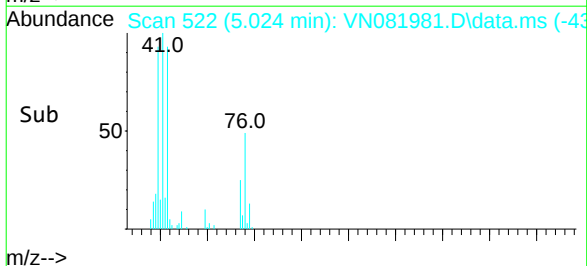
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

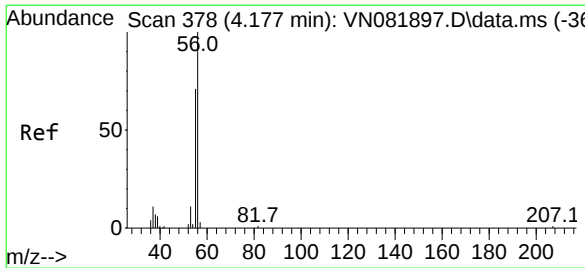


#12
Methyl Acetate
Concen: 22.437 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



Tgt Ion: 43 Resp: 59457
Ion Ratio Lower Upper
43 100
74 26.1 27.7 41.5#





#13

Acrolein

Concen: 74.039 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 41698

Ion Ratio Lower Upper

56 100

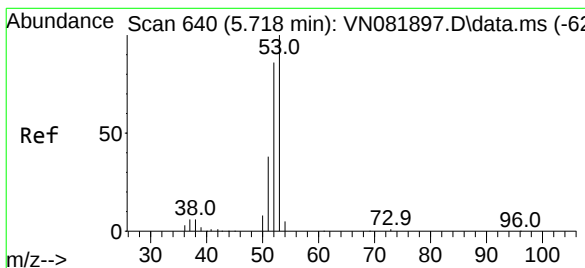
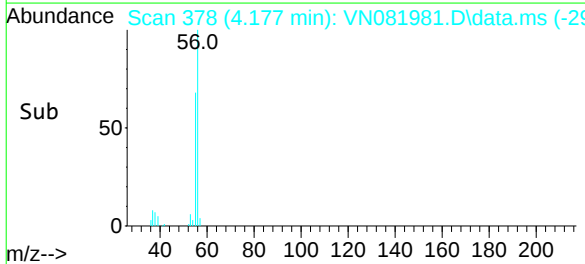
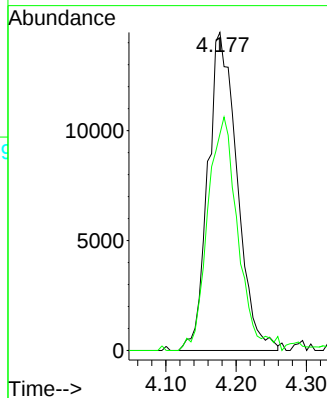
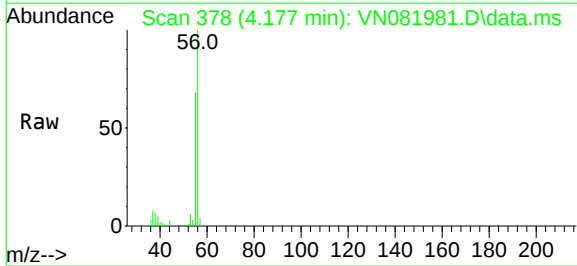
55 73.7 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024

Supervised By :Semsettin Yesilyurt 05/03/2024



#14

Acrylonitrile

Concen: 105.932 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

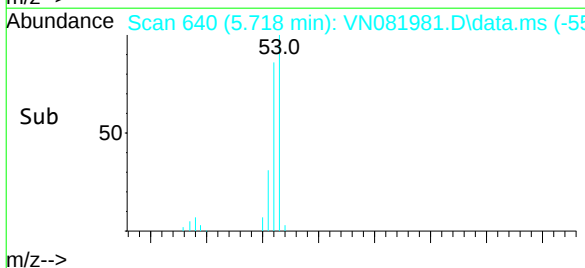
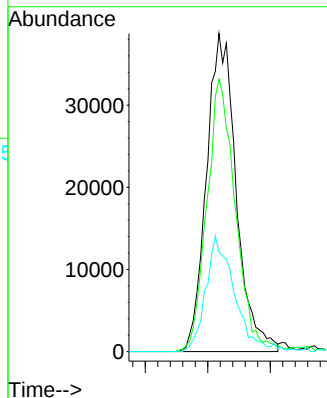
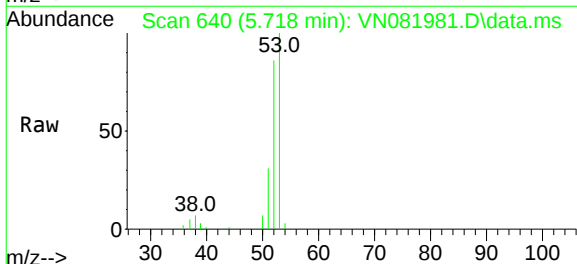
Tgt Ion: 53 Resp: 128115

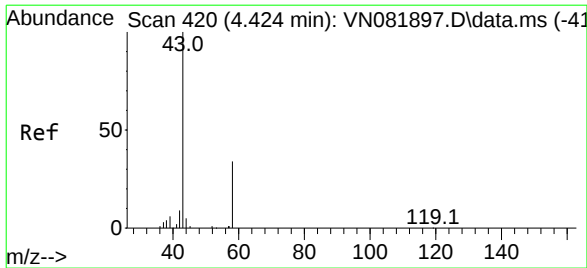
Ion Ratio Lower Upper

53 100

52 82.2 41.3 123.9

51 32.5 16.8 50.3





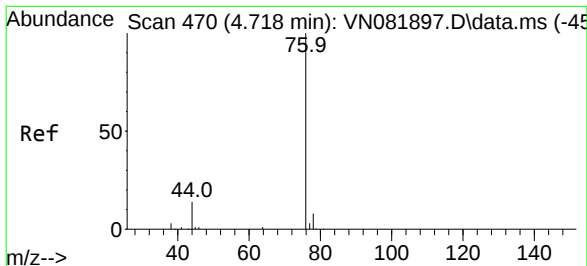
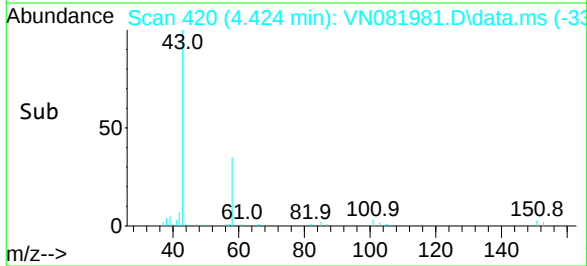
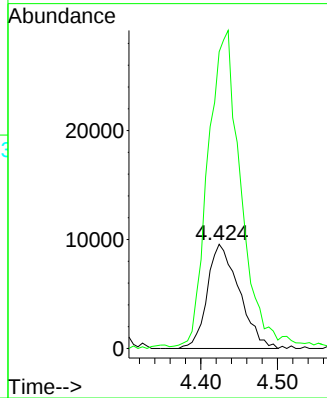
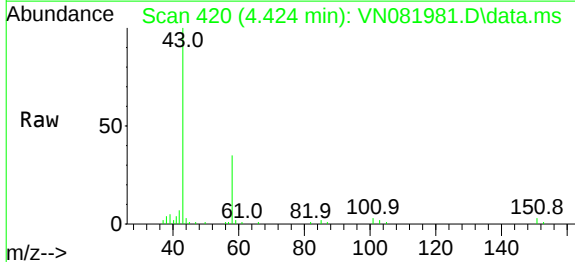
#15
Acetone
Concen: 102.045 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 27655
Ion Ratio Lower Upper
58 100
43 281.4 223.1 334.7

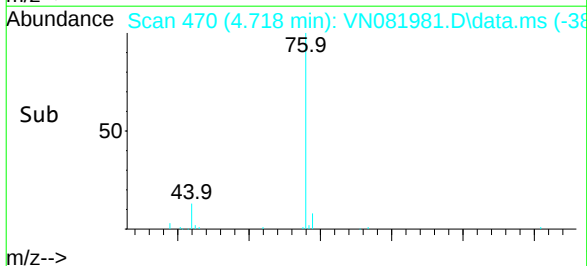
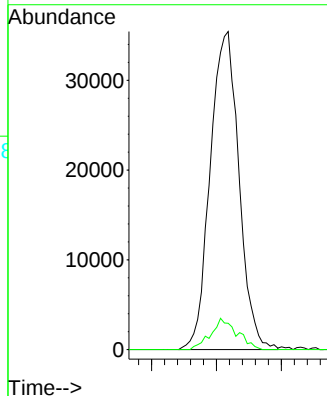
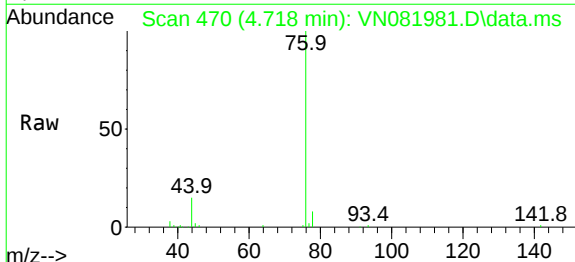
Manual Integrations
APPROVED

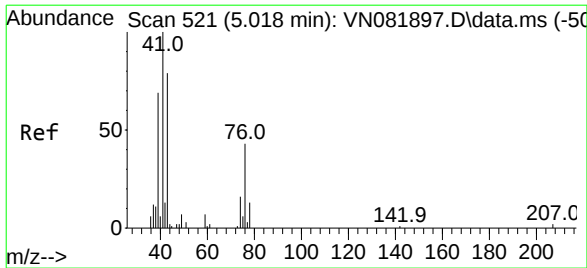
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#16
Carbon Disulfide
Concen: 18.625 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

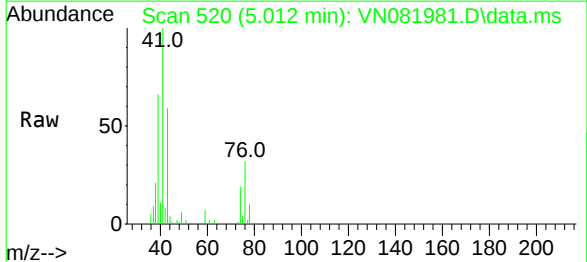
Tgt Ion: 76 Resp: 109202
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5





#17
Allyl chloride
Concen: 19.710 ug/l
RT: 5.012 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

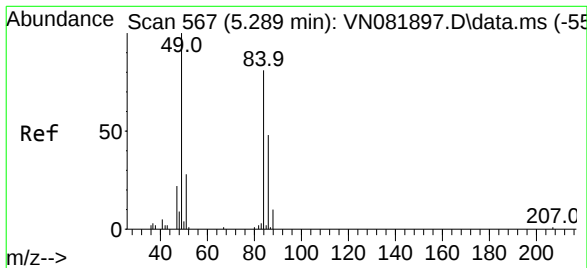
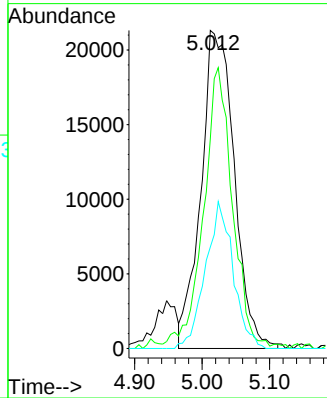
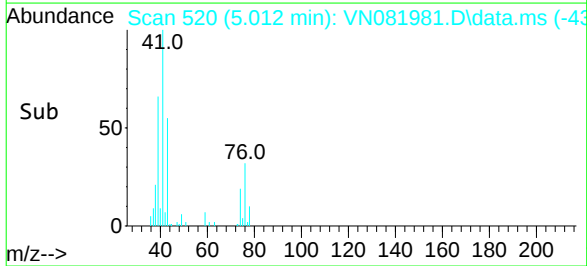
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	73234
Ion	Ratio	Lower	Upper
41	100		
39	65.5	37.6	112.9
76	32.4	27.8	83.4

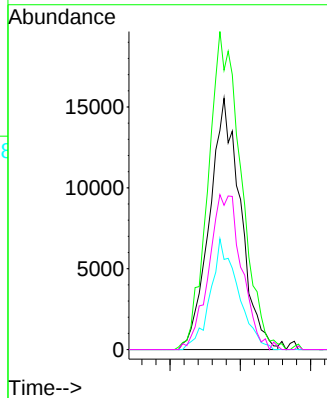
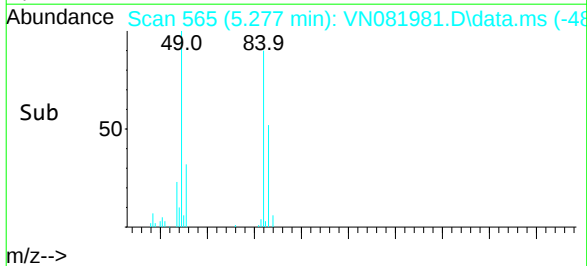
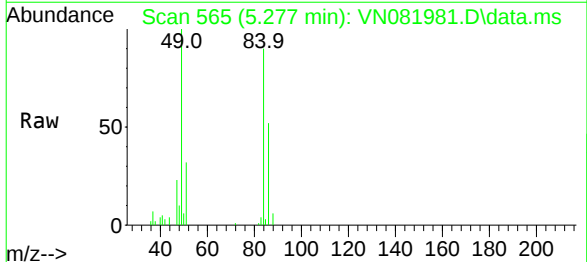
Manual Integrations
APPROVED

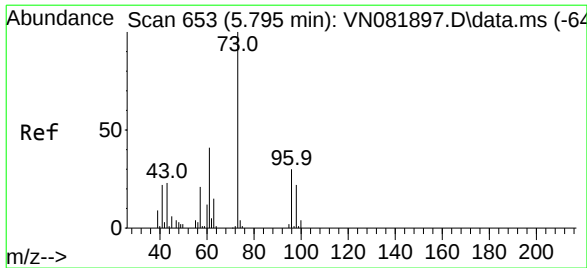
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#18
Methylene Chloride
Concen: 19.822 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

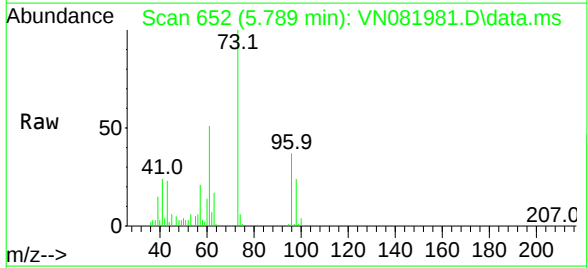
Tgt Ion:	84	Resp:	47730
Ion	Ratio	Lower	Upper
84	100		
49	110.1	86.0	129.0
51	35.9	30.0	45.0
86	57.4	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 19.550 ug/l
RT: 5.789 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

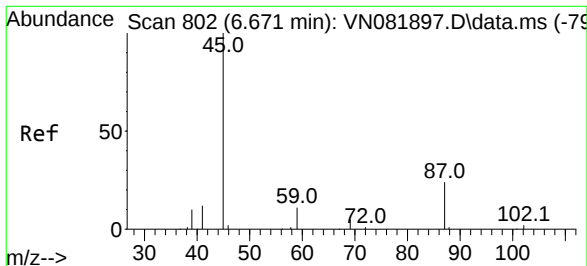
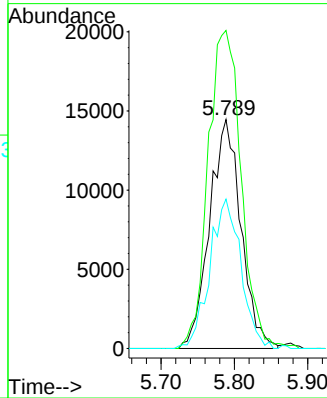
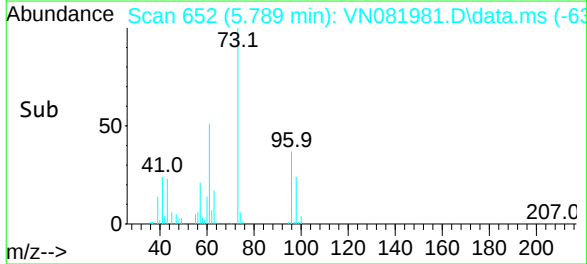
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 43066
Ion Ratio Lower Upper
96 100
61 138.9 111.8 167.6
98 65.3 49.2 73.8

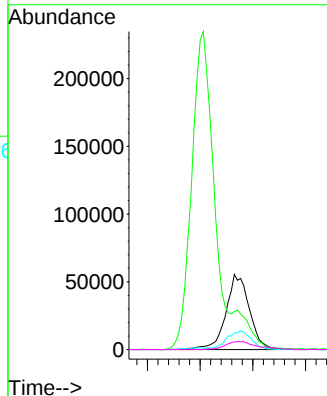
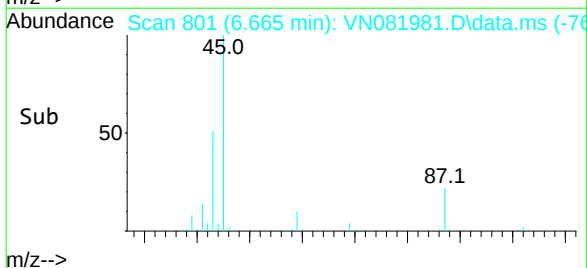
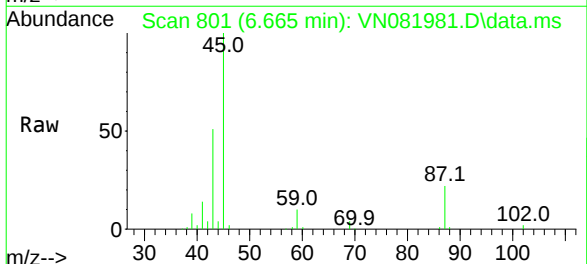
Manual Integrations
APPROVED

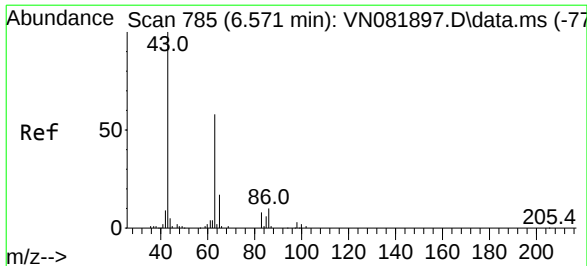
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#20
Diisopropyl ether
Concen: 20.793 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

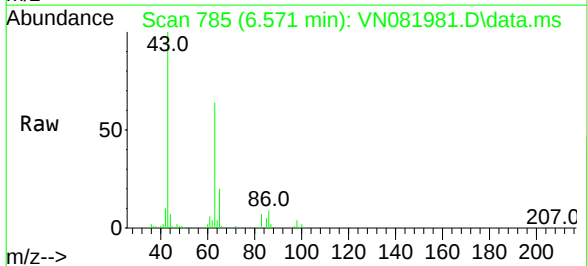
Tgt Ion: 45 Resp: 170933
Ion Ratio Lower Upper
45 100
43 48.6 40.4 60.6
87 22.1 23.8 35.8#
59 9.6 9.8 14.6#





#21
1,1-Dichloroethane
Concen: 20.623 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

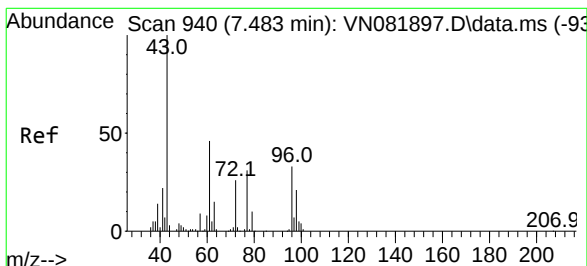
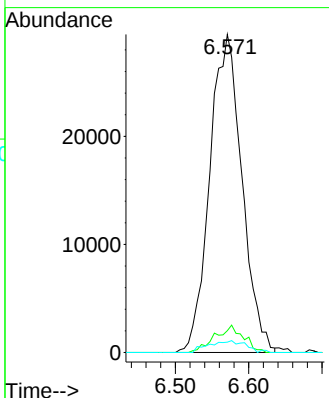
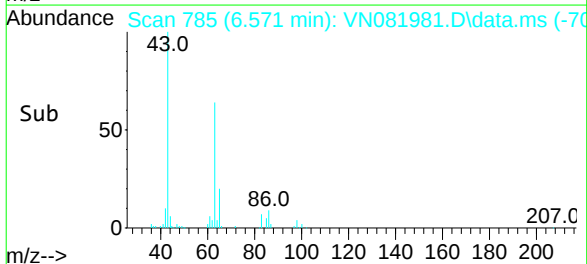
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



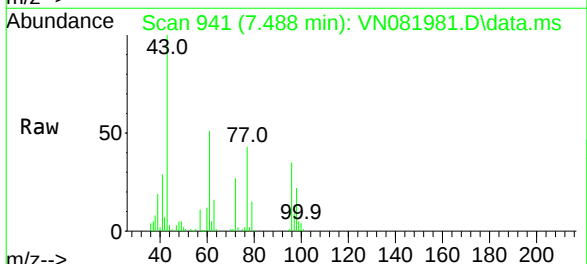
Tgt Ion:	63	Resp:	89769
Ion	Ratio	Lower	Upper
63	100		
98	6.8	4.1	12.3
100	3.2	3.0	9.0

Manual Integrations
APPROVED

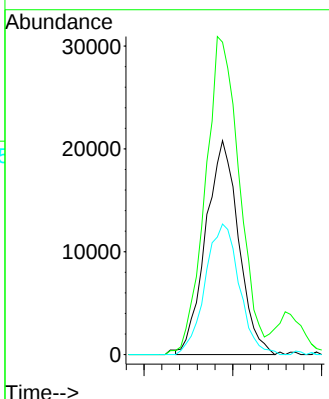
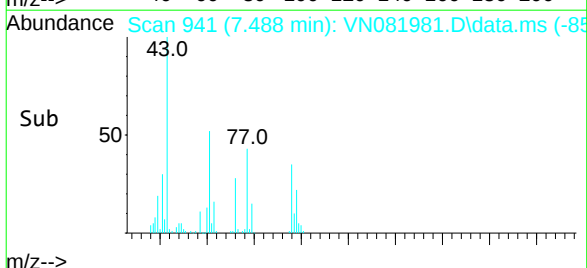
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

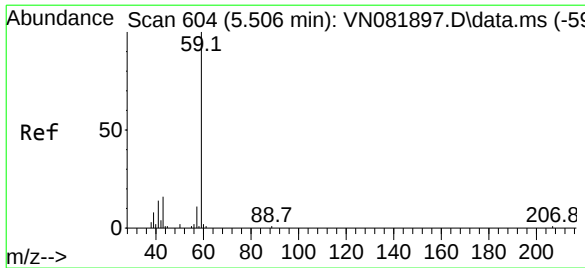


#22
cis-1,2-Dichloroethene
Concen: 19.953 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



Tgt Ion:	96	Resp:	53561
Ion	Ratio	Lower	Upper
96	100		
61	153.6	113.5	170.3
98	63.0	52.0	78.0





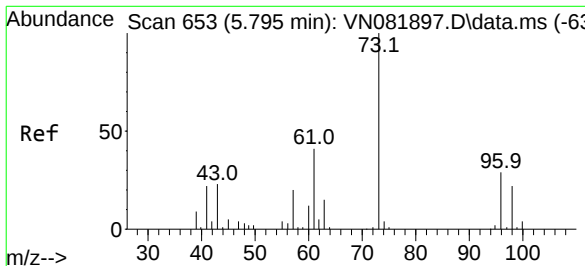
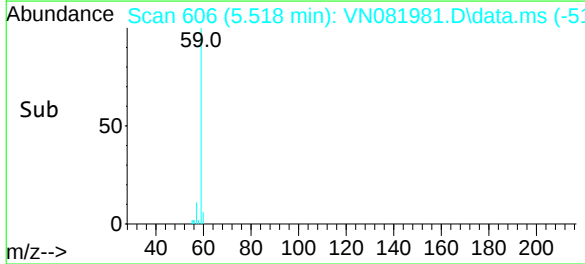
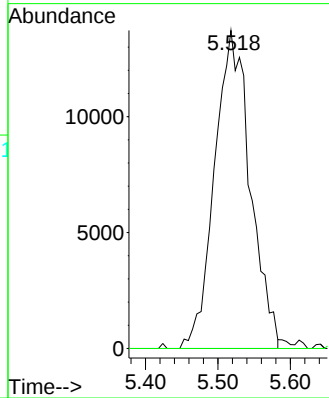
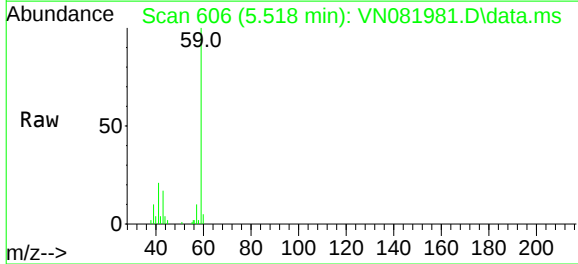
#23
tert-Butyl Alcohol
Concen: 94.055 ug/l m
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 46855
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

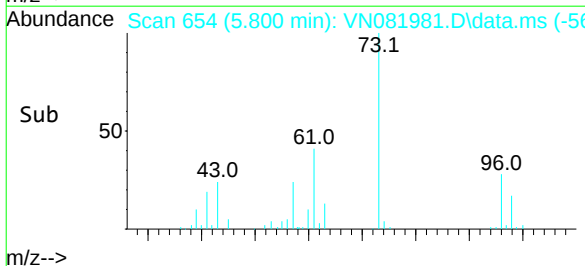
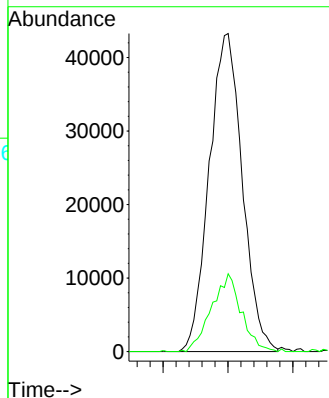
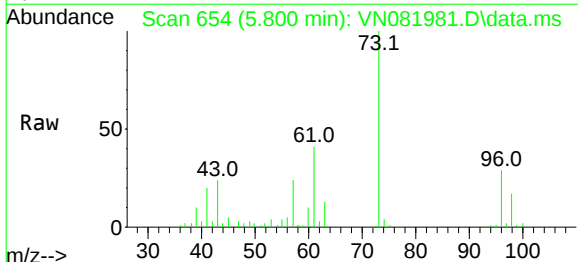
Manual Integrations
APPROVED

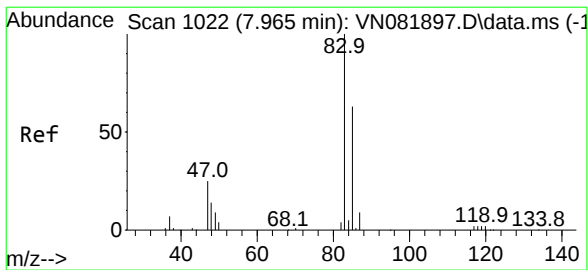
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#24
Methyl tert-Butyl Ether
Concen: 20.089 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

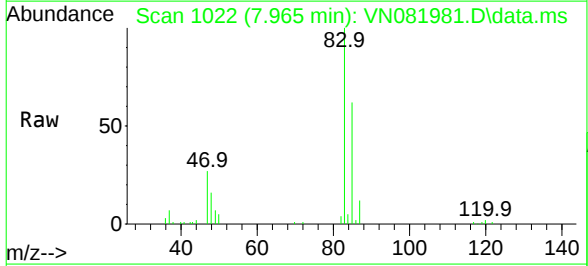
Tgt Ion: 73 Resp: 153276
Ion Ratio Lower Upper
73 100
43 22.0 13.4 20.2#





#25
Chloroform
Concen: 20.823 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

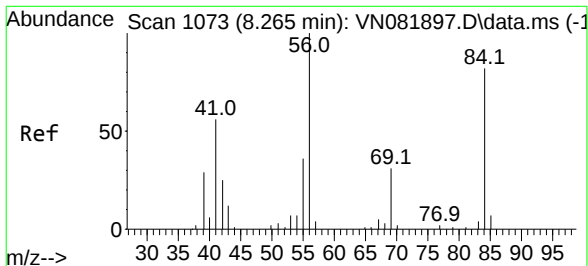
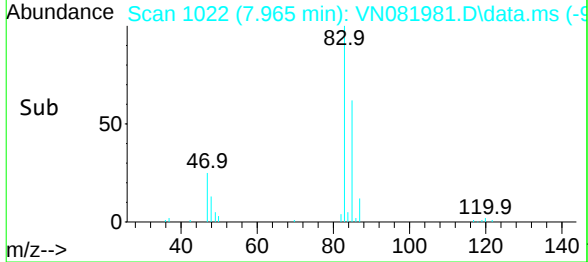
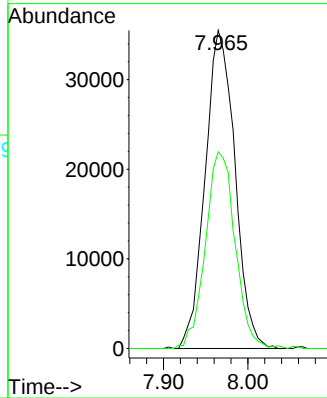
Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC



Tgt Ion: 83 Resp: 87201
Ion Ratio Lower Upper
83 100
85 61.0 50.9 76.3

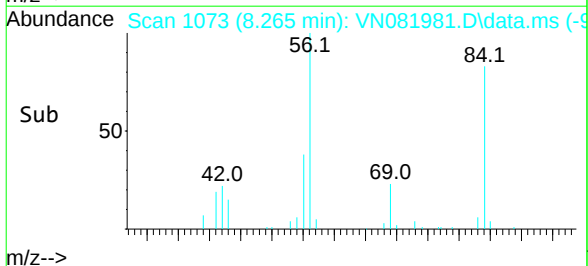
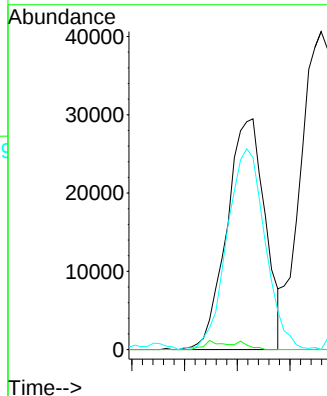
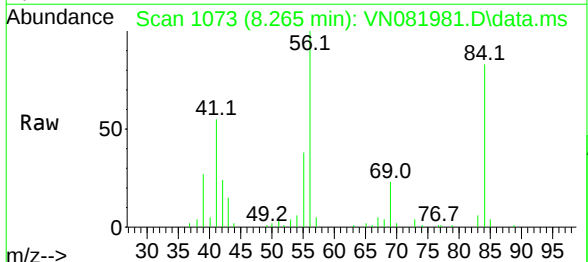
Manual Integrations
APPROVED

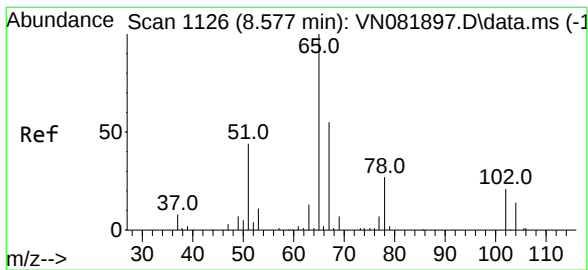
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#26
Cyclohexane
Concen: 19.767 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 56 Resp: 74406
Ion Ratio Lower Upper
56 100
89 1.0 19.3 28.9#
84 86.5 71.3 106.9





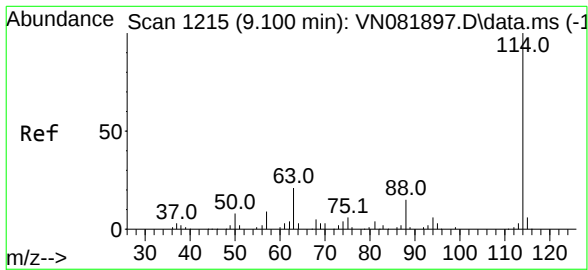
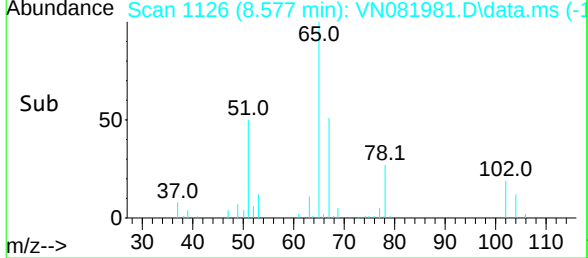
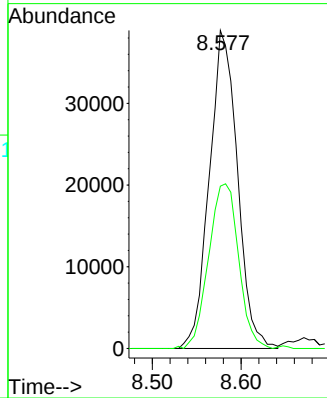
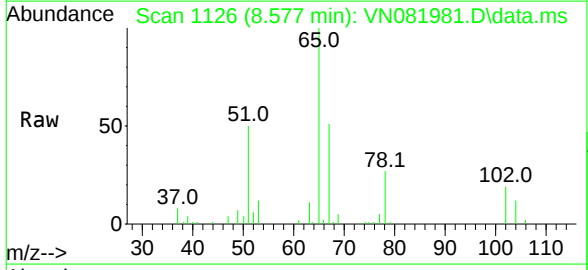
#27
1,2-Dichloroethane-d4
Concen: 29.479 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 85583
Ion Ratio Lower Upper
65 100
67 55.0 43.2 64.8

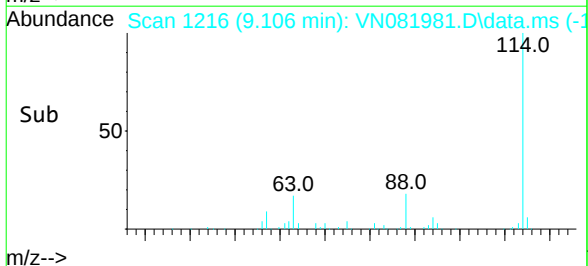
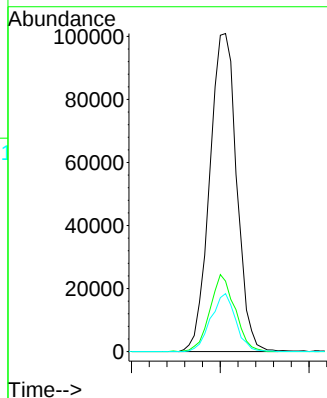
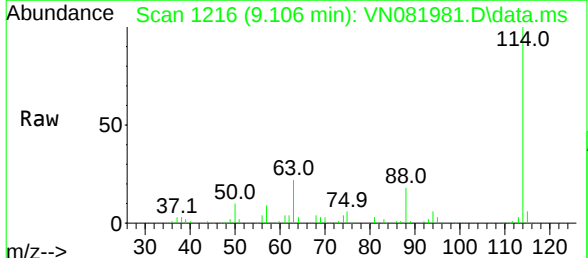
Manual Integrations
APPROVED

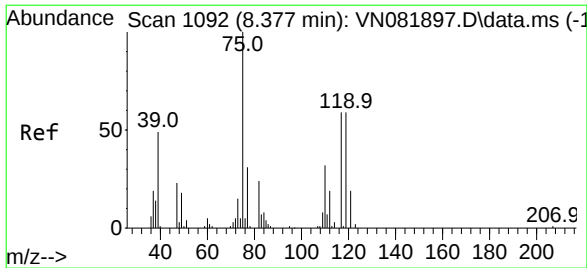
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:114 Resp: 213250
Ion Ratio Lower Upper
114 100
63 22.4 15.9 23.9
88 16.9 12.7 19.1





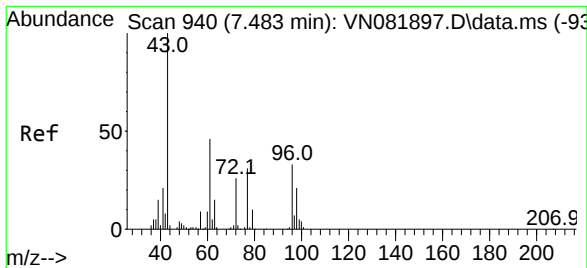
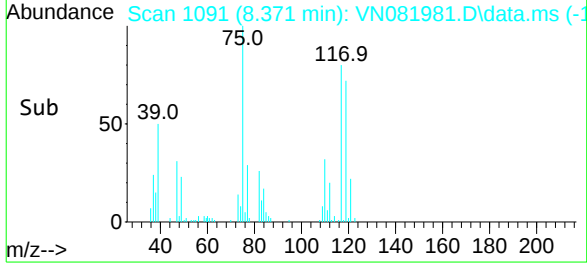
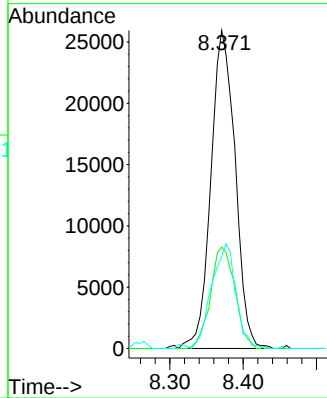
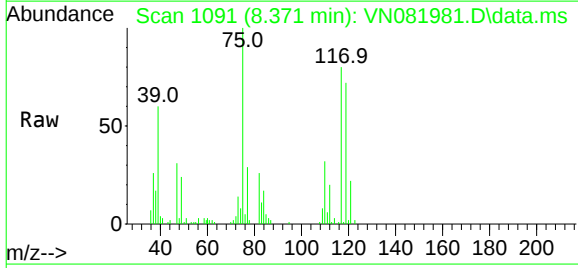
#29
1,1-Dichloropropene
Concen: 18.767 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75	Resp: 59582
Ion Ratio	Lower Upper
75 100	
110 32.3	0.0 70.2
77 32.4	0.0 61.4

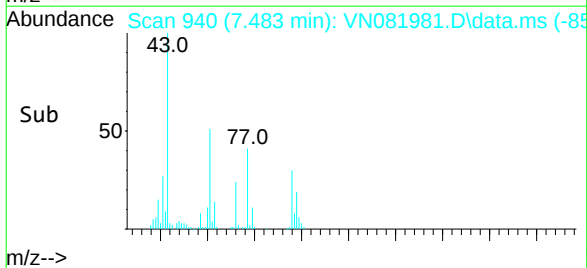
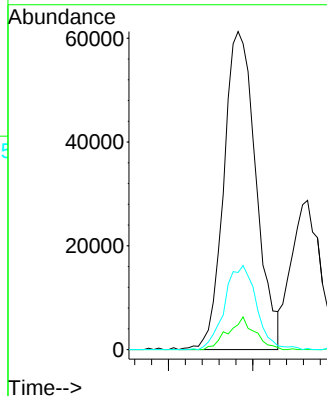
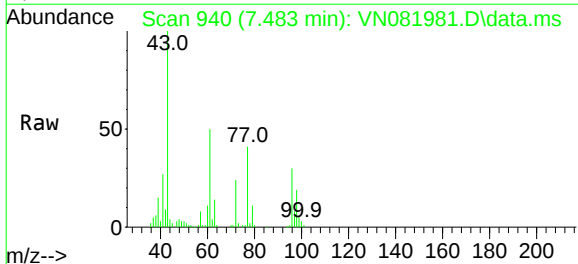
Manual Integrations
APPROVED

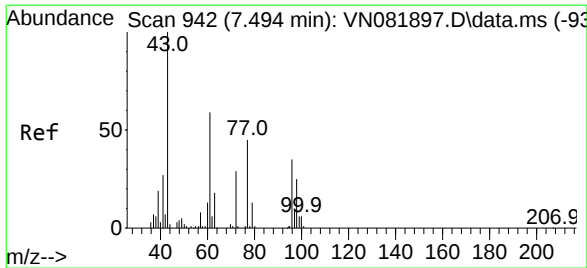
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#30
2-Butanone
Concen: 99.191 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

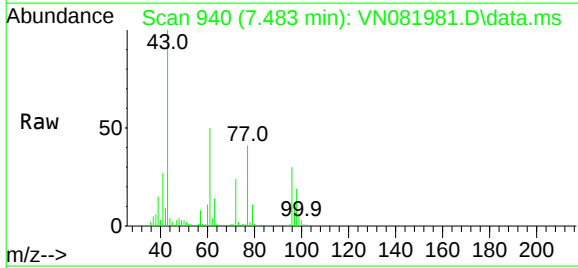
Tgt Ion: 43	Resp: 162327
Ion Ratio	Lower Upper
43 100	
57 8.5	6.7 10.1
72 25.9	24.0 36.0





#31
2,2-Dichloropropane
Concen: 22.735 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

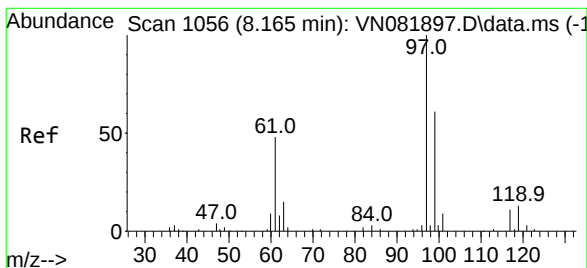
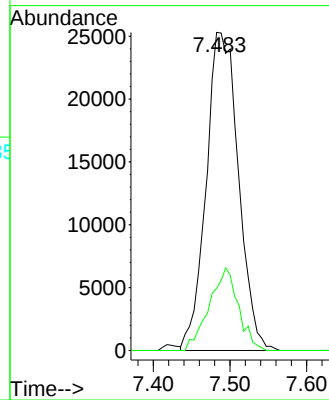
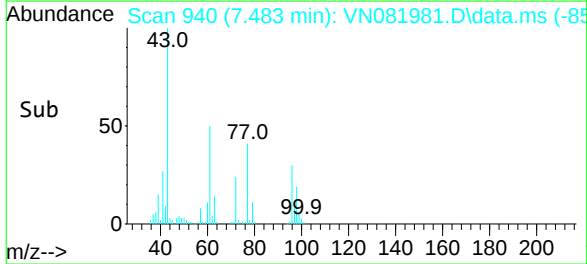
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 73967
Ion Ratio Lower Upper
77 100
97 23.4 18.3 27.5

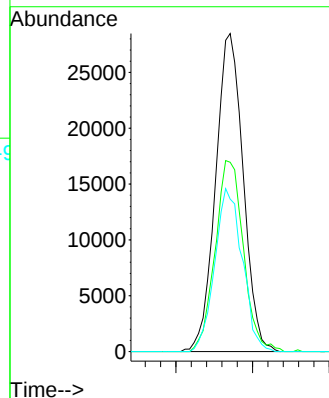
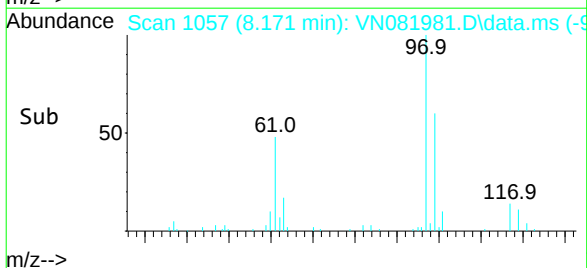
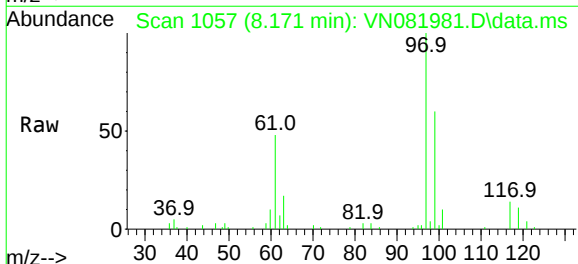
Manual Integrations
APPROVED

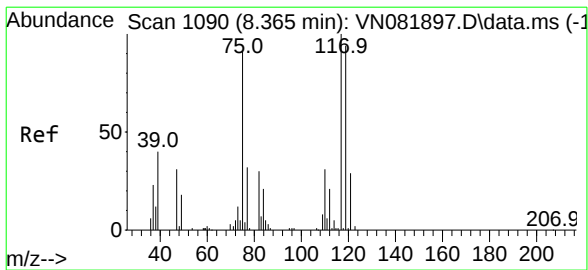
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#32
1,1,1-Trichloroethane
Concen: 19.502 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

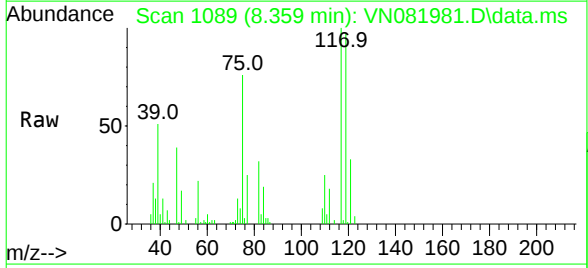
Tgt Ion: 97 Resp: 71207
Ion Ratio Lower Upper
97 100
99 61.4 51.0 76.4
61 51.1 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 19.007 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

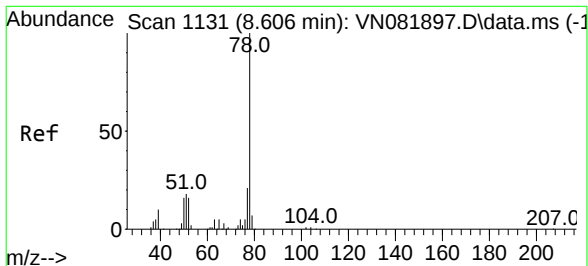
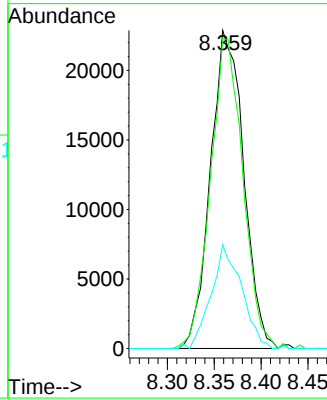
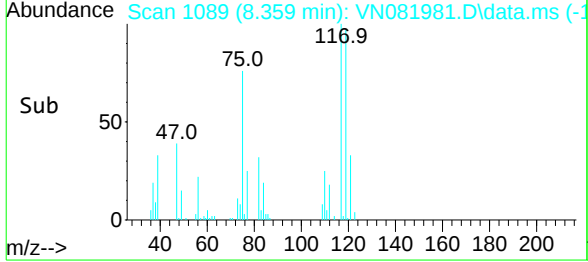
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



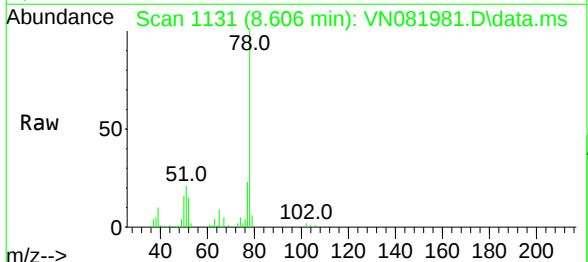
Tgt Ion:117 Resp: 56321
Ion Ratio Lower Upper
117 100
119 97.5 77.7 116.5
121 32.6 27.0 40.6

Manual Integrations
APPROVED

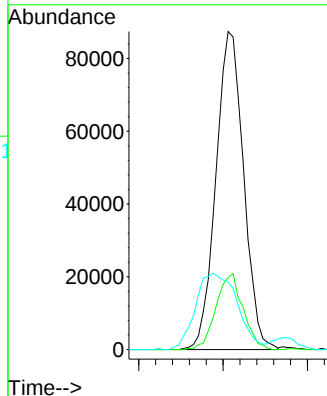
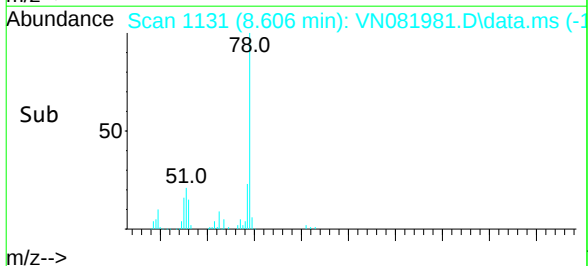
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

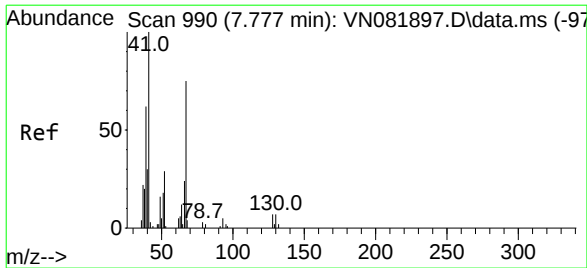


#34
Benzene
Concen: 19.717 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



Tgt Ion: 78 Resp: 199698
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8
51 19.8 13.3 19.9





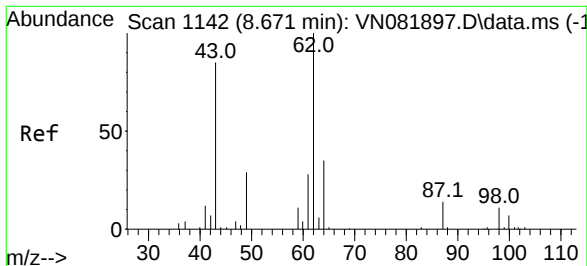
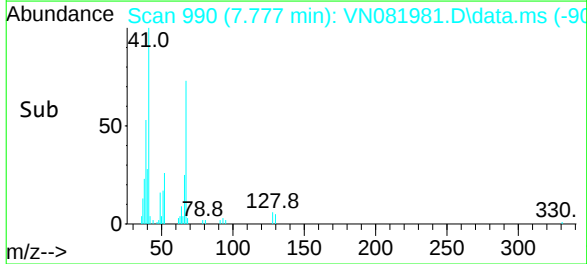
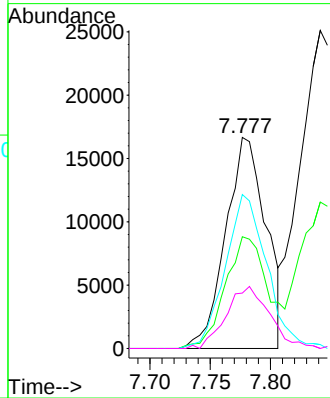
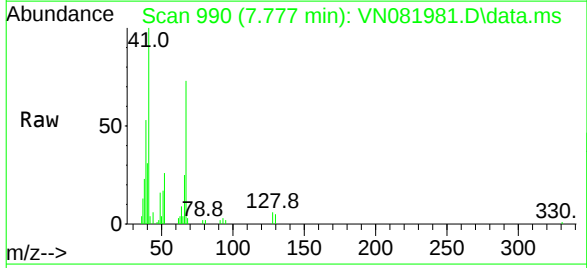
#35
Methacrylonitrile
Concen: 18.711 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	38739
Ion	Ratio	Lower	Upper
41	100		
39	53.0	25.3	75.9
67	72.9	38.7	116.1
52	26.3	13.6	40.8

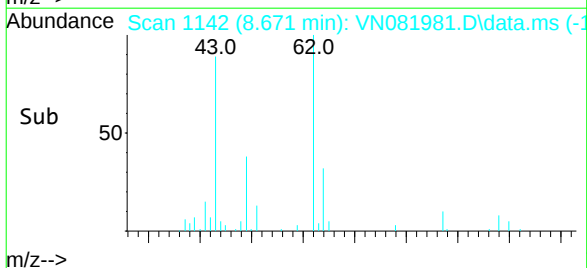
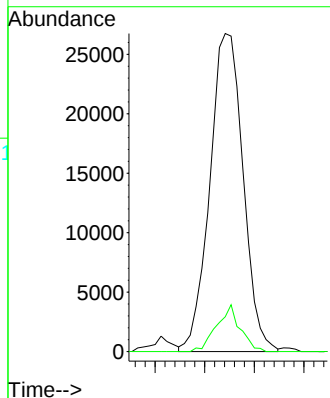
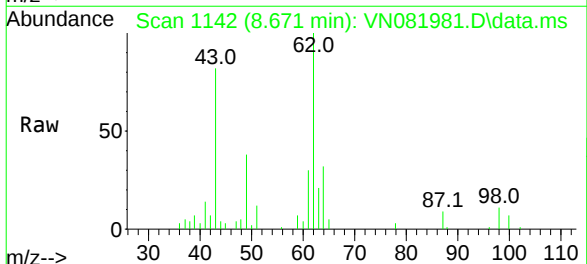
Manual Integrations
APPROVED

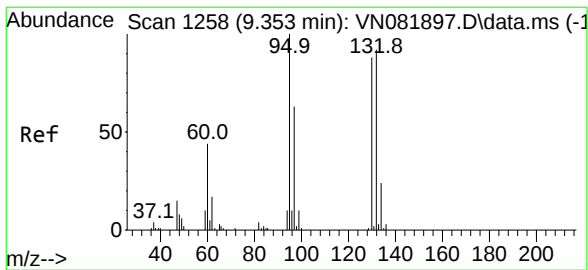
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#36
1,2-Dichloroethane
Concen: 18.355 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:	62	Resp:	62406
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.2	12.4





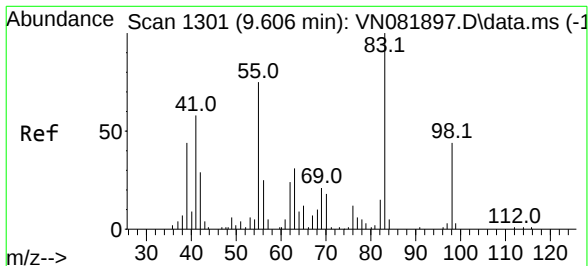
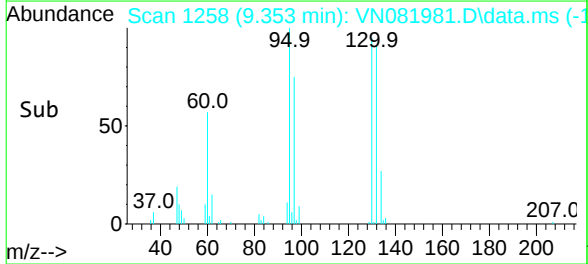
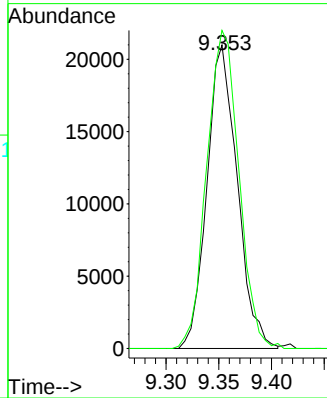
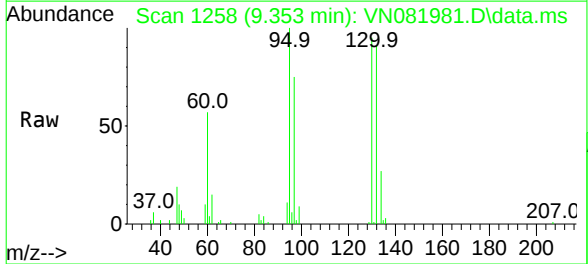
#37
Trichloroethene
Concen: 16.898 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 41919
Ion Ratio Lower Upper
130 100
95 104.1 80.2 120.4

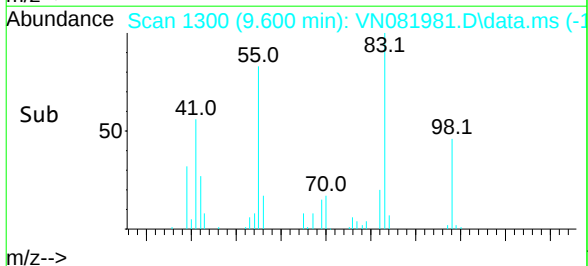
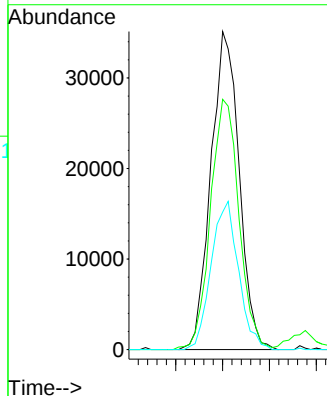
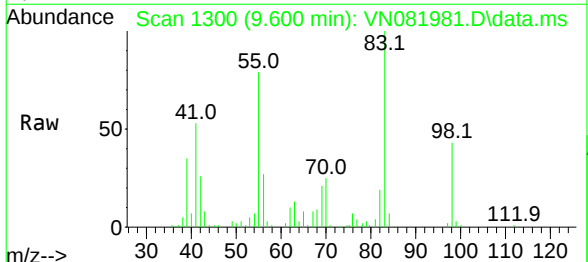
Manual Integrations
APPROVED

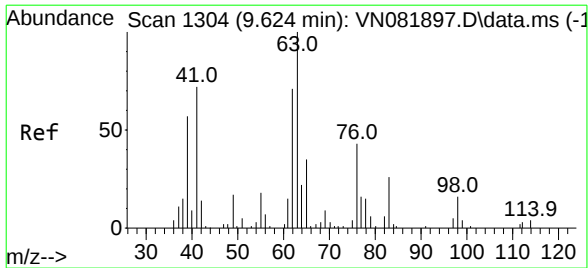
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#38
Methylcyclohexane
Concen: 19.196 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

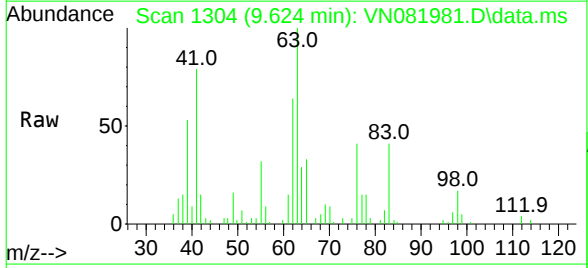
Tgt Ion: 83 Resp: 73622
Ion Ratio Lower Upper
83 100
55 79.3 36.6 109.9
98 45.1 23.8 71.5





#39
1,2-Dichloropropane
Concen: 20.053 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

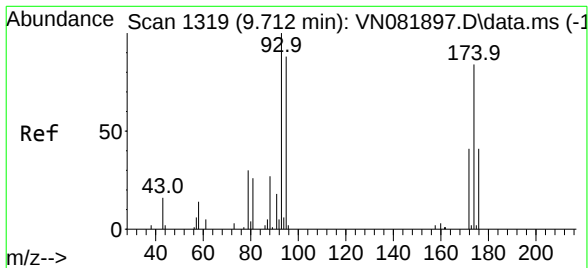
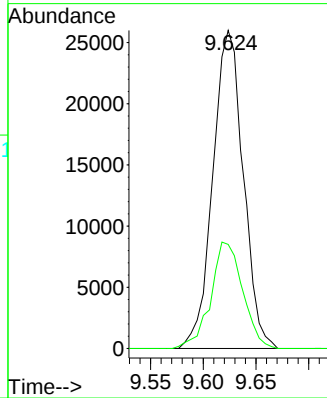
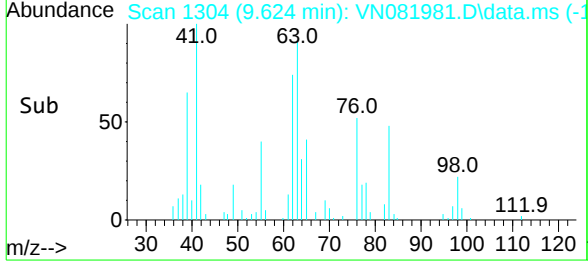
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 52114
Ion Ratio Lower Upper
63 100
65 32.7 25.0 37.4

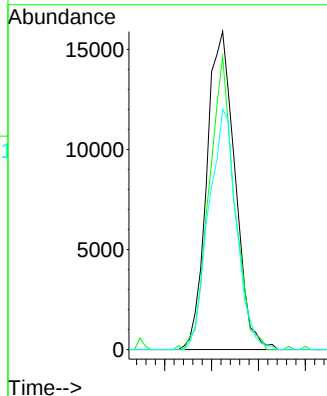
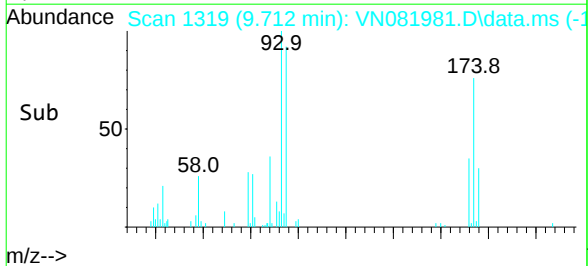
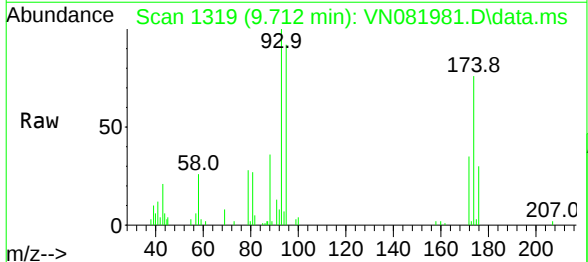
Manual Integrations
APPROVED

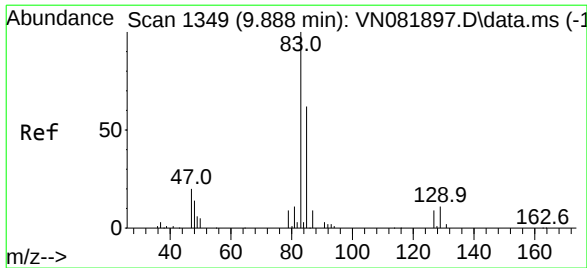
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#40
Dibromomethane
Concen: 19.869 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 93 Resp: 33172
Ion Ratio Lower Upper
93 100
95 82.2 0.0 164.6
174 74.5 0.0 193.2





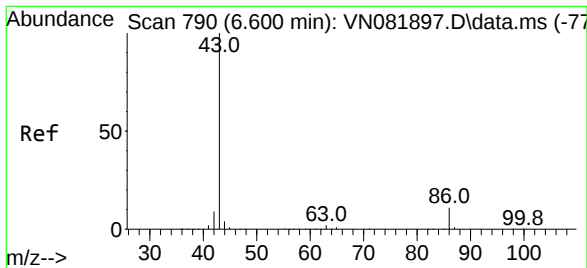
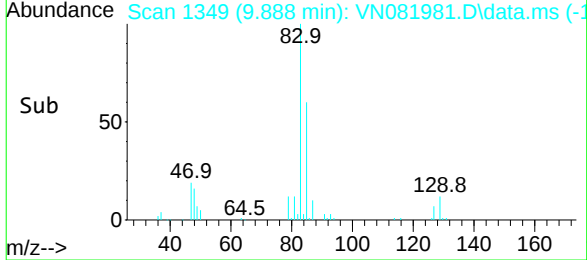
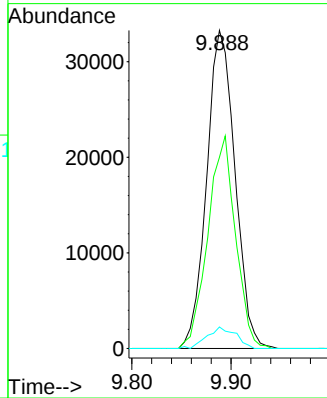
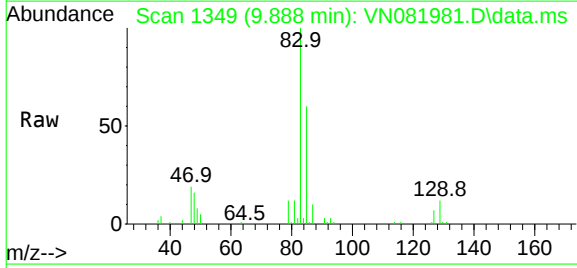
#41
Bromodichloromethane
Concen: 18.548 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 66186
Ion Ratio Lower Upper
83 100
85 60.1 49.4 74.2
127 6.8 7.3 10.9

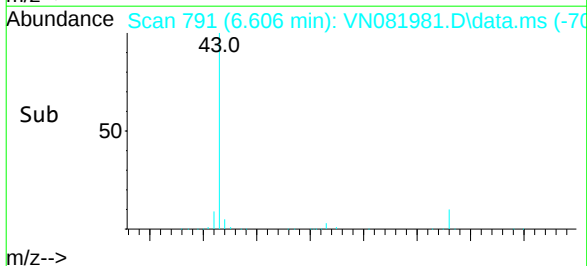
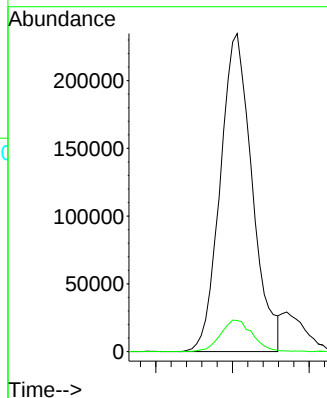
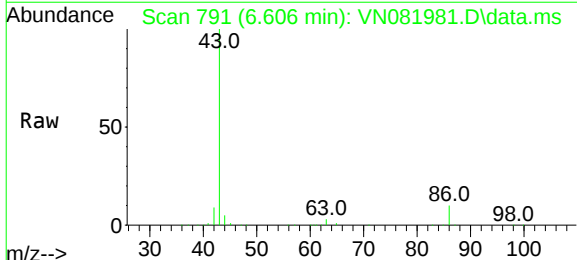
Manual Integrations
APPROVED

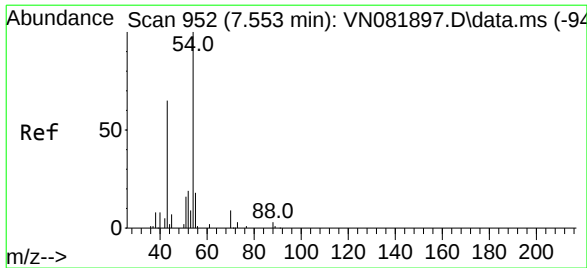
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#42
Vinyl Acetate
Concen: 97.508 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 43 Resp: 679192
Ion Ratio Lower Upper
43 100
86 9.9 9.4 14.2





#43

Ethyl Acetate

Concen: 20.087 ug/l

RT: 7.565 min Scan# 952

Delta R.T. 0.012 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 71671

Ion Ratio Lower Upper

43 100

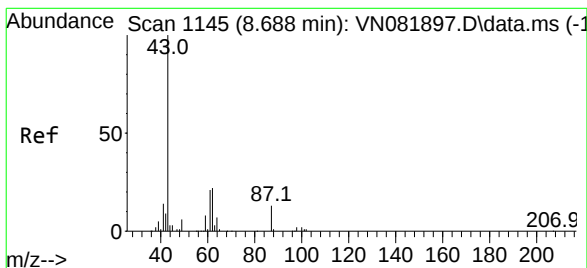
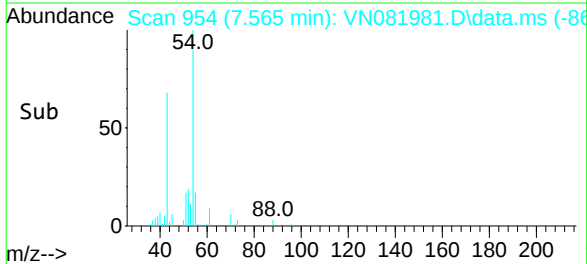
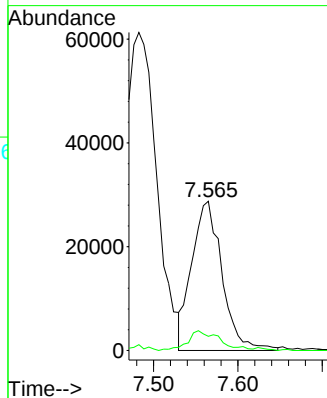
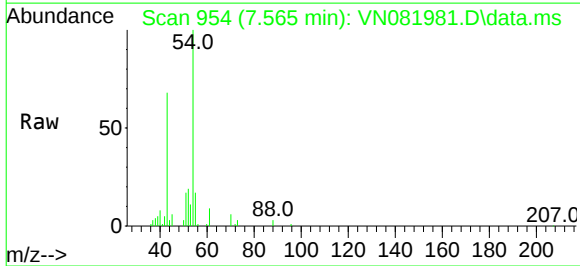
45 8.6 10.6 15.8#

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024

Supervised By :Semsettin Yesilyurt 05/03/2024



#44

Isopropyl Acetate

Concen: 19.420 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081981.D

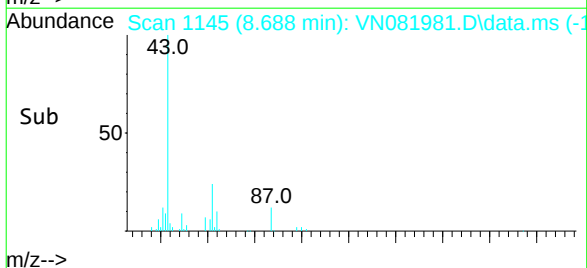
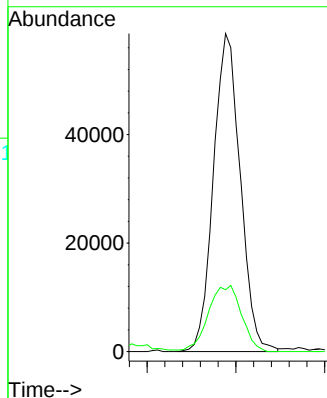
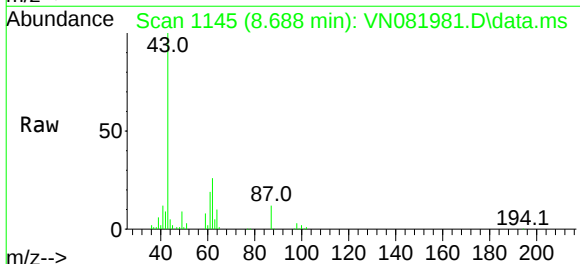
Acq: 02 May 2024 17:13

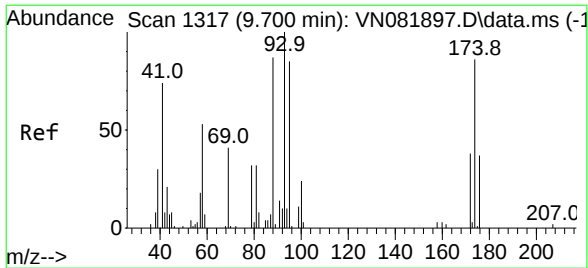
Tgt Ion: 43 Resp: 123021

Ion Ratio Lower Upper

43 100

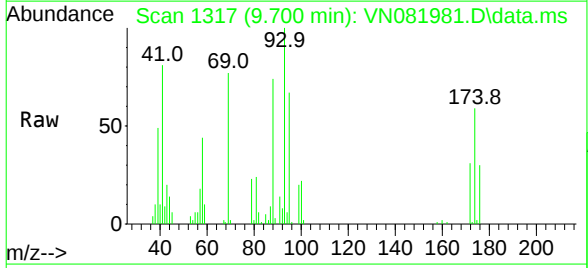
61 25.7 25.0 37.4





#45
1,4-Dioxane
Concen: 407.470 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

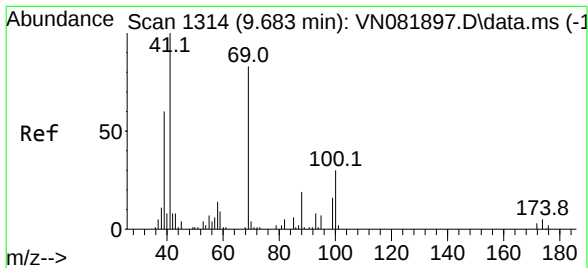
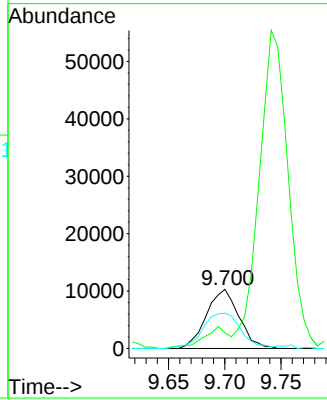
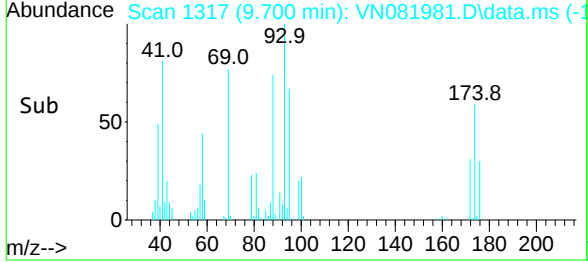
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 20700
Ion Ratio Lower Upper
88 100
43 28.5 19.8 29.6
58 70.1 55.4 83.0

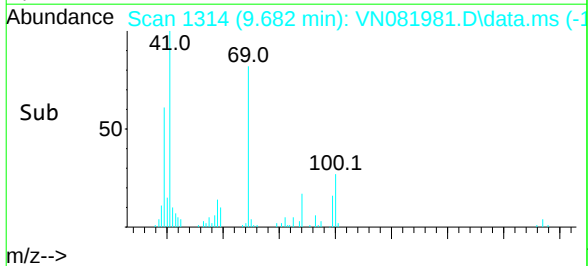
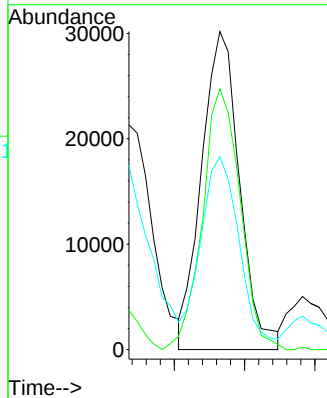
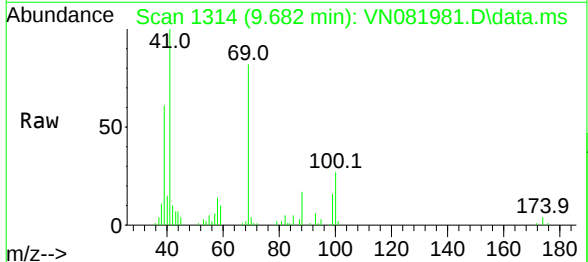
Manual Integrations
APPROVED

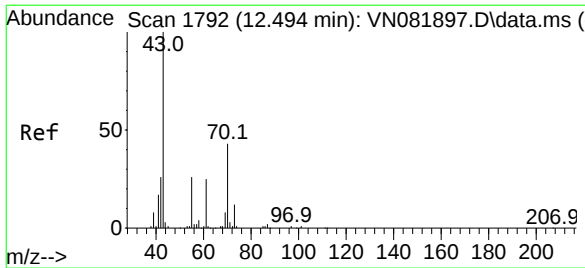
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#46
Methyl methacrylate
Concen: 19.581 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 41 Resp: 56669
Ion Ratio Lower Upper
41 100
69 85.2 51.1 153.3
39 60.7 25.8 77.3





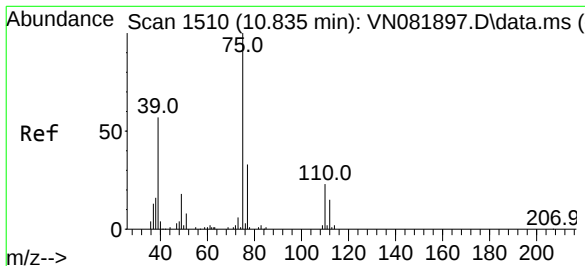
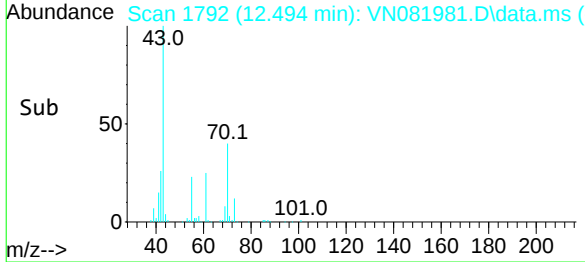
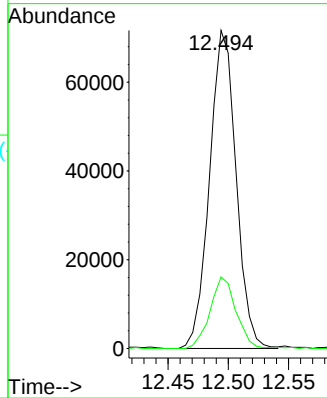
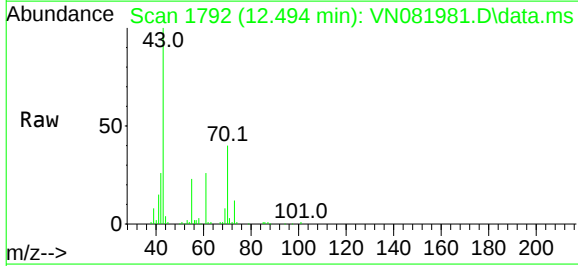
#47
n-amyl Acetate
Concen: 19.240 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 109929
Ion Ratio Lower Upper
43 100
55 21.9 23.4 35.2#

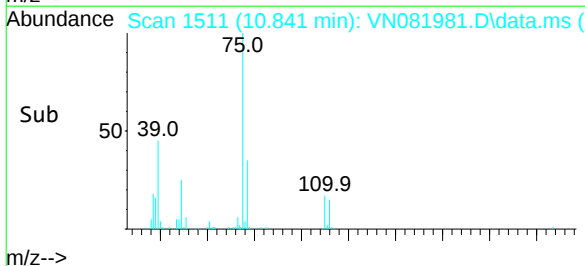
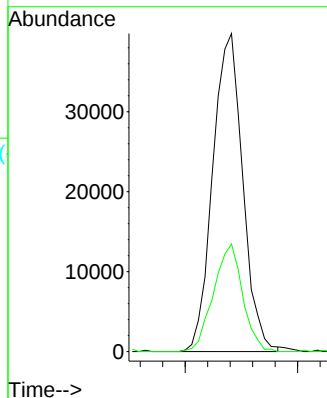
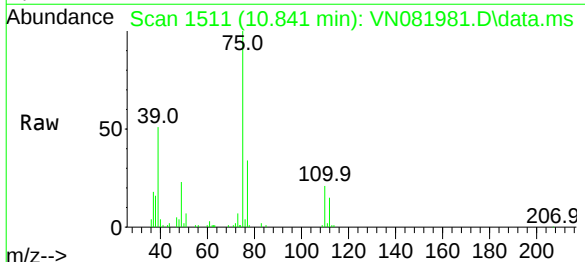
Manual Integrations
APPROVED

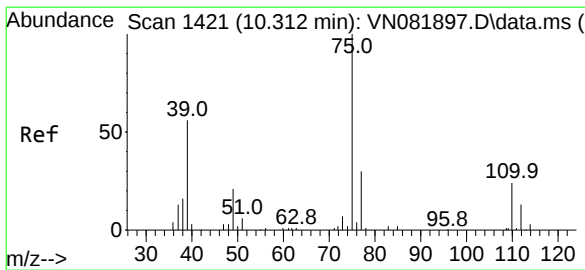
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#48
t-1,3-Dichloropropene
Concen: 19.045 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 75 Resp: 73699
Ion Ratio Lower Upper
75 100
77 33.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.128 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 78260

Ion Ratio Lower Upper

75 100

77 29.0 24.9 37.3

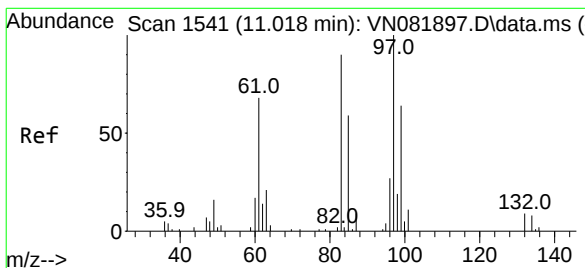
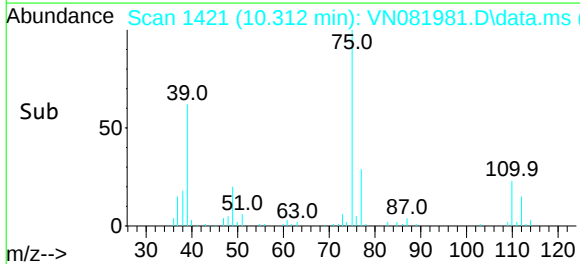
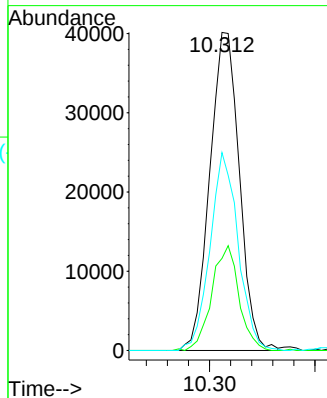
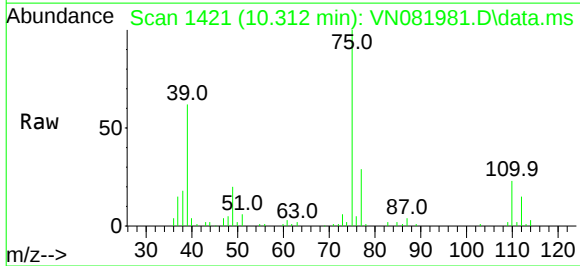
39 62.2 31.0 46.6#

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024

Supervised By :Semsettin Yesilyurt 05/03/2024



#50

1,1,2-Trichloroethane

Concen: 20.232 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Tgt Ion: 97 Resp: 45827

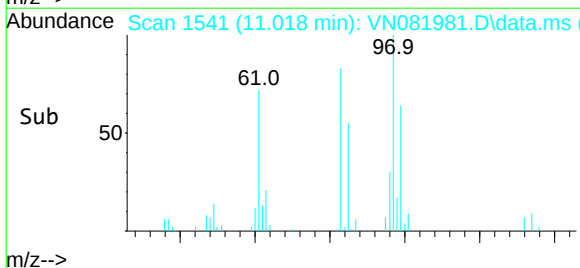
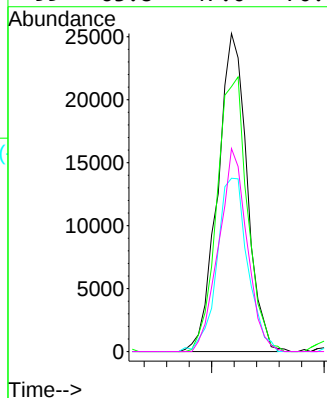
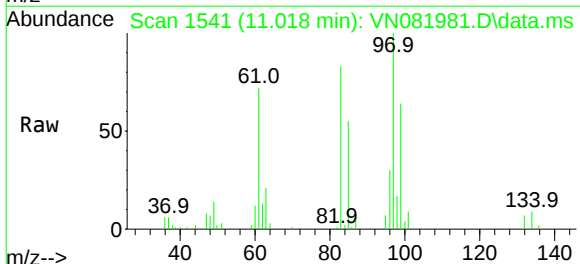
Ion Ratio Lower Upper

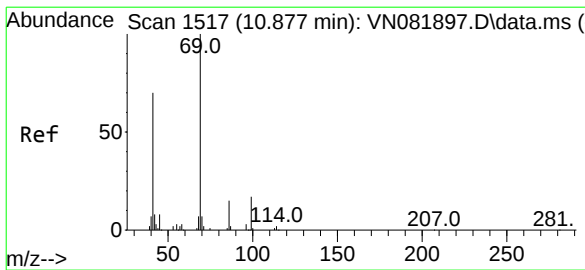
97 100

83 83.3 68.1 102.1

85 54.5 41.8 62.6

99 63.8 47.0 70.4





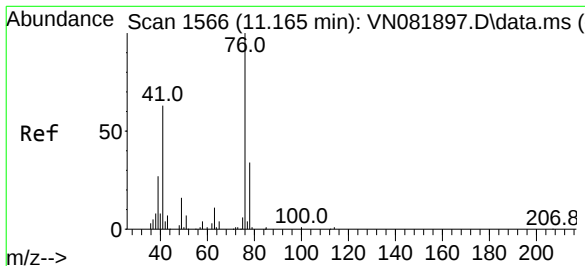
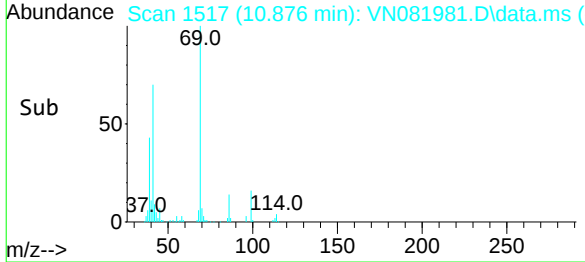
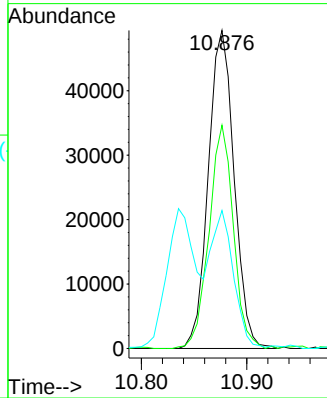
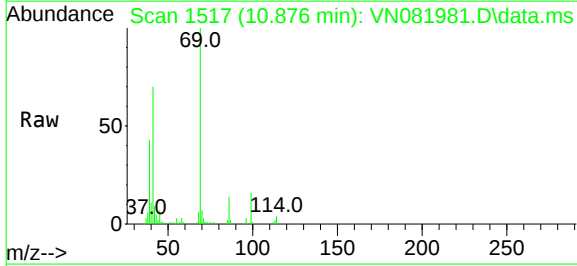
#51
Ethyl methacrylate
Concen: 19.645 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	69	Resp:	83981
Ion	Ratio	Lower	Upper
69	100		
41	70.2	25.5	76.5
39	42.6	16.0	47.9

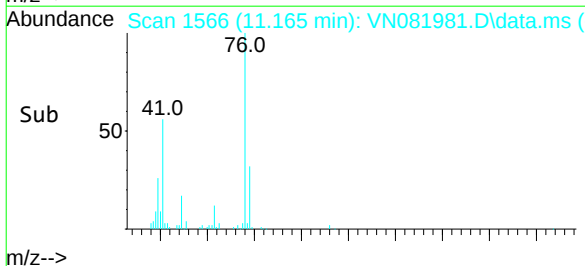
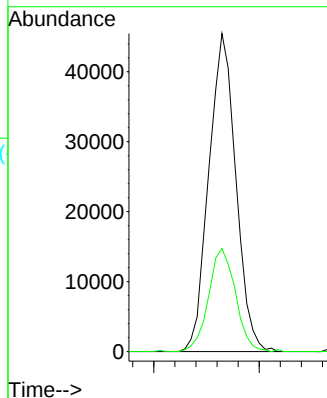
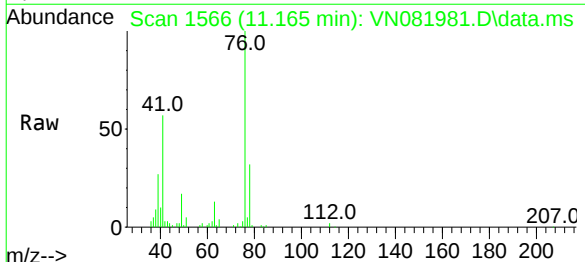
Manual Integrations
APPROVED

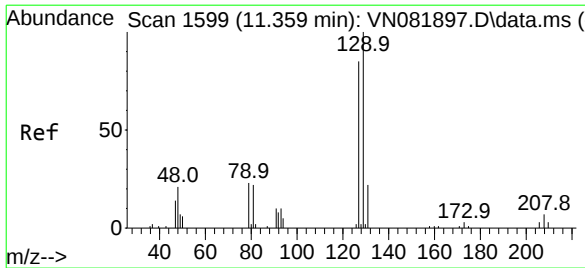
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#52
1,3-Dichloropropane
Concen: 19.482 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:	76	Resp:	81072
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.8





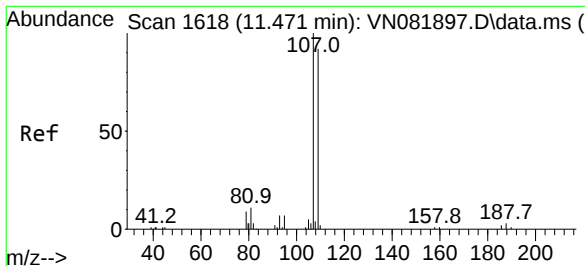
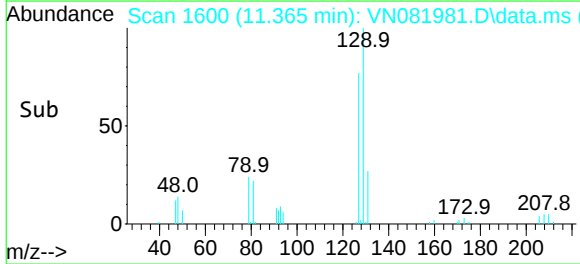
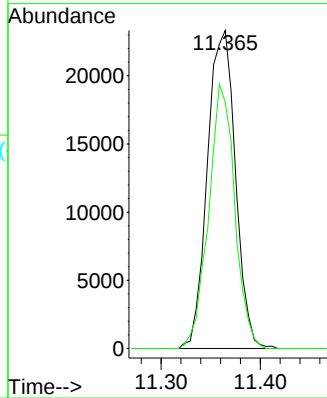
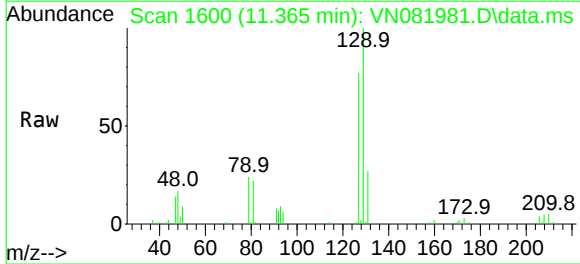
#53
Dibromochloromethane
Concen: 18.568 ug/l
RT: 11.365 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 45758
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1

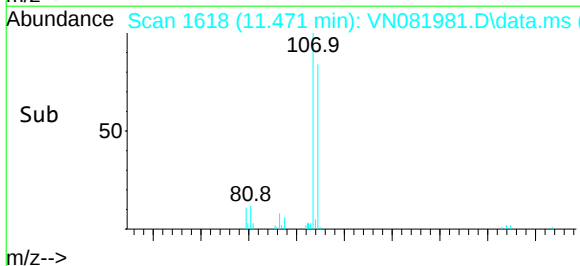
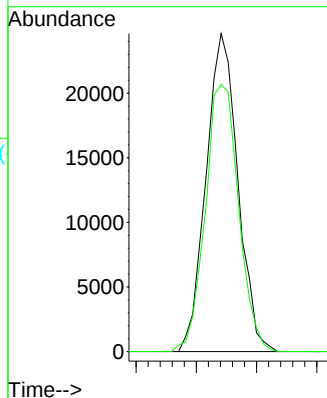
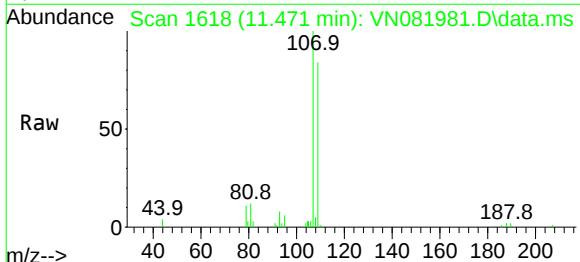
Manual Integrations
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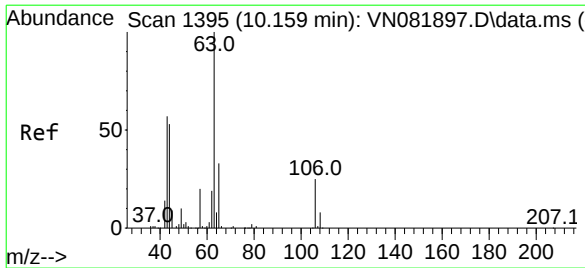
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#54
1,2-Dibromoethane
Concen: 19.997 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:107 Resp: 45172
Ion Ratio Lower Upper
107 100
109 87.9 74.7 112.1





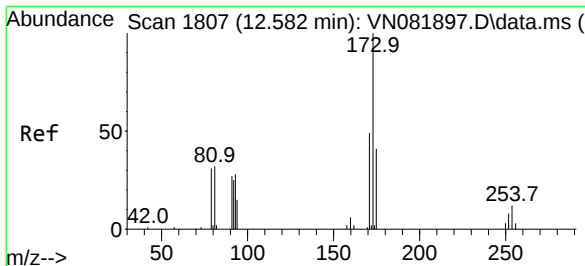
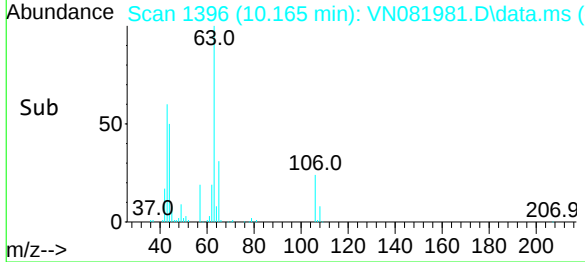
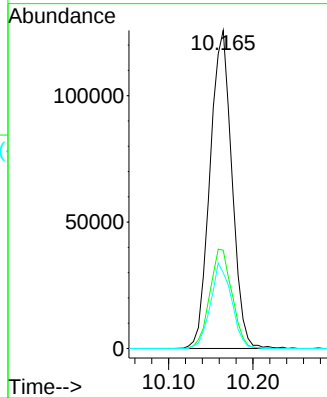
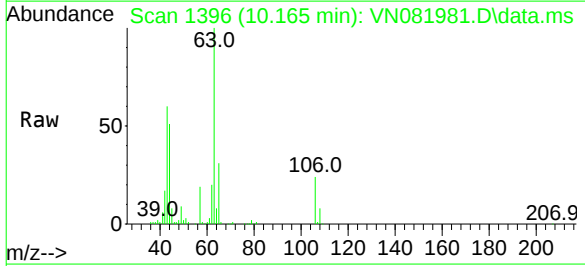
#55
2-Chloroethyl vinyl ether
Concen: 106.100 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	63	Resp:	226809
Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.2	39.2
106	25.8	23.8	35.8

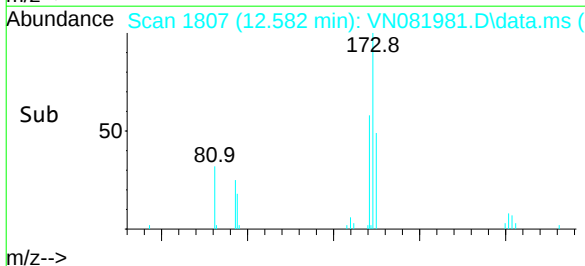
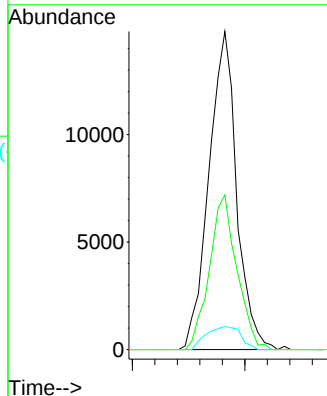
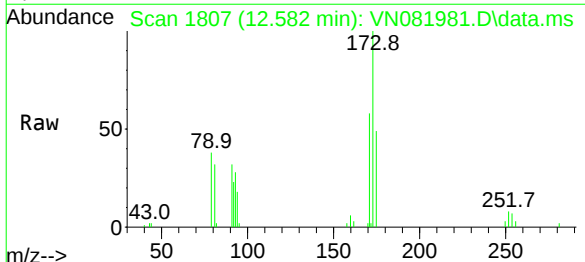
Manual Integrations
APPROVED

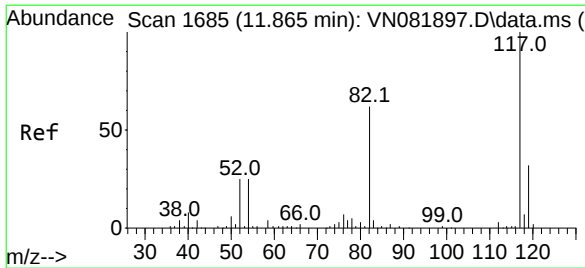
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#56
Bromoform
Concen: 16.886 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:	173	Resp:	25327
Ion	Ratio	Lower	Upper
173	100		
175	48.2	40.0	60.0
254	9.0	8.3	12.5





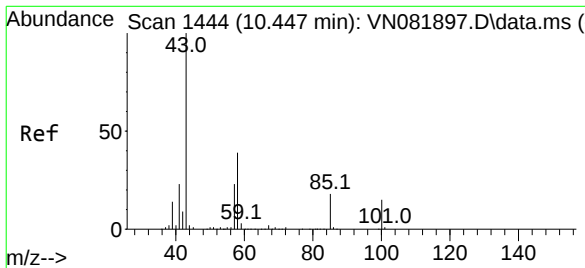
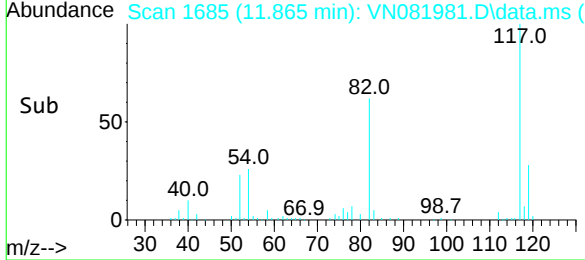
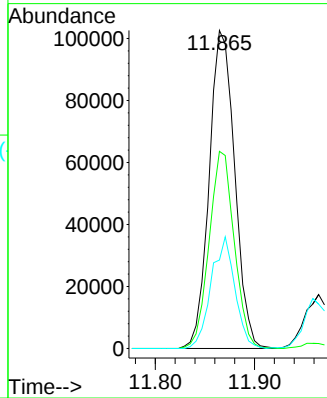
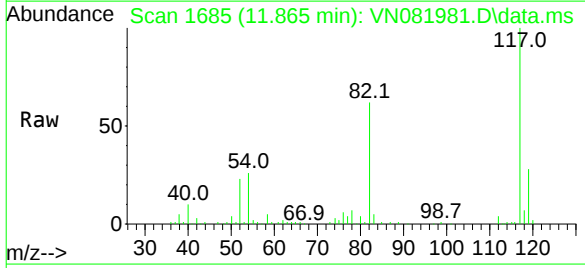
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 183298
Ion Ratio Lower Upper
117 100
82 61.0 46.6 69.8
119 32.7 25.4 38.2

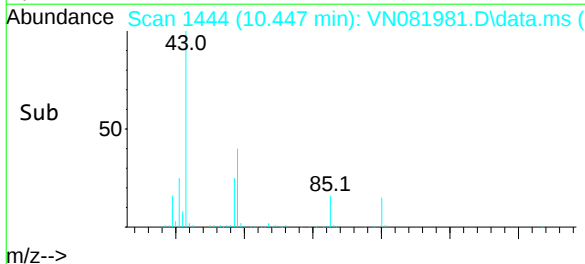
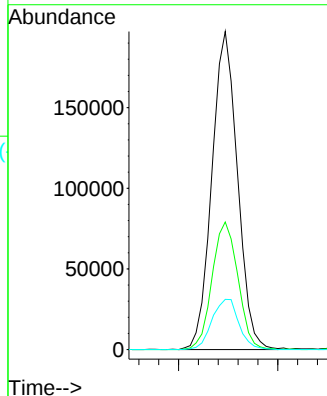
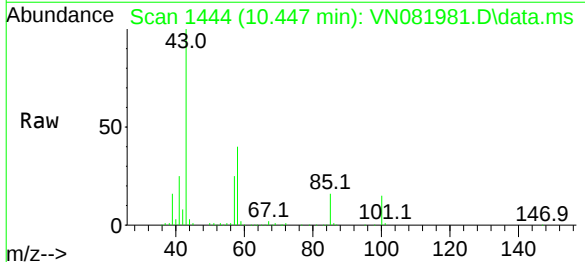
Manual Integrations
APPROVED

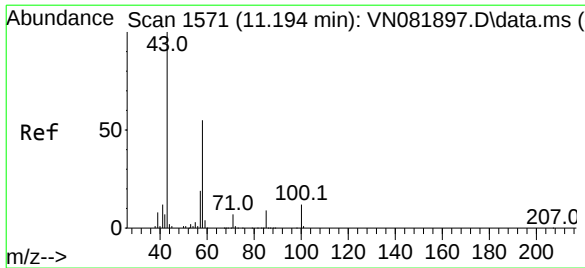
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#58
4-Methyl-2-Pentanone
Concen: 99.419 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

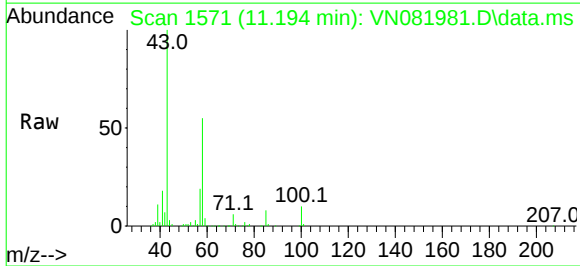
Tgt Ion: 43 Resp: 353840
Ion Ratio Lower Upper
43 100
58 40.5 36.5 54.7
85 16.6 19.5 29.3#





#59
2-Hexanone
Concen: 100.667 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

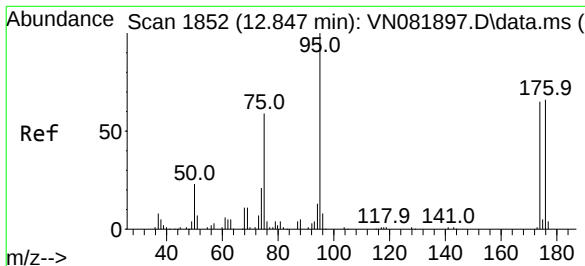
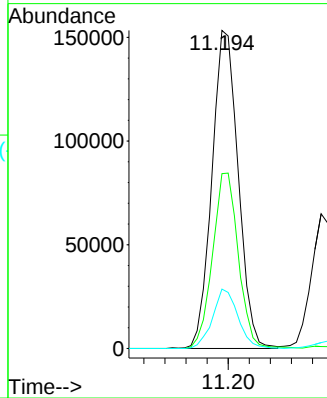
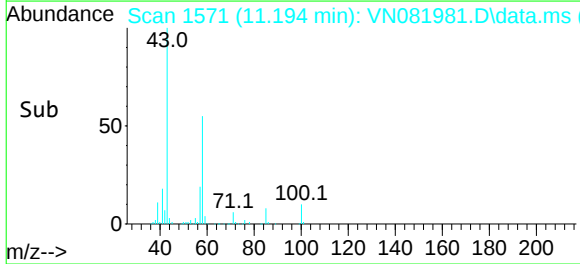
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



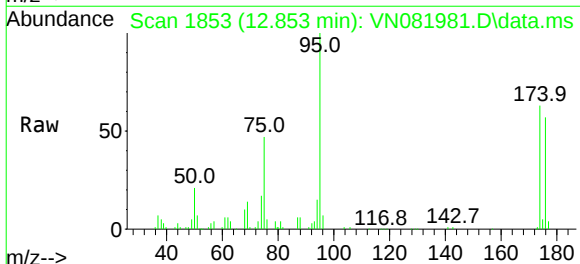
Tgt Ion: 43 Resp: 265646
Ion Ratio Lower Upper
43 100
58 54.1 50.4 75.6
57 18.1 18.6 27.8#

Manual Integrations
APPROVED

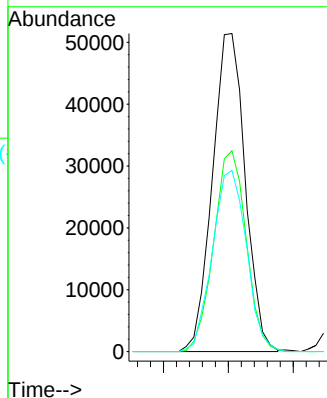
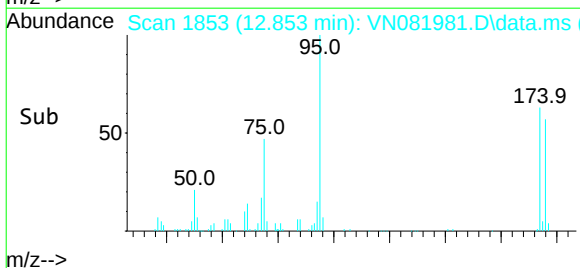
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

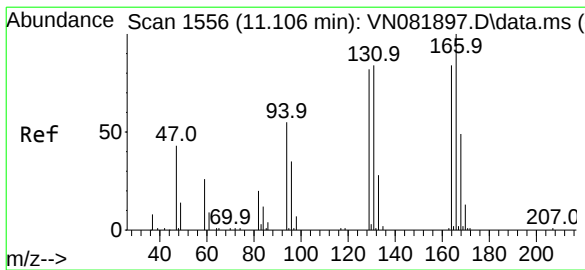


#60
4-Bromofluorobenzene
Concen: 29.583 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



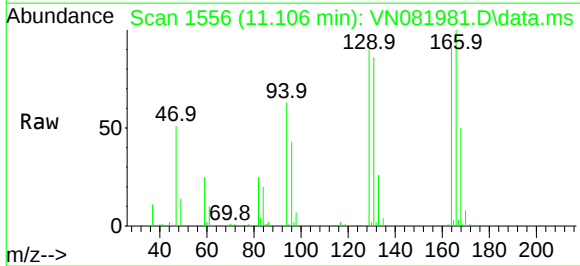
Tgt Ion: 95 Resp: 90242
Ion Ratio Lower Upper
95 100
174 62.6 60.5 90.7
176 59.3 57.8 86.6





#61
Tetrachloroethene
Concen: 17.916 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

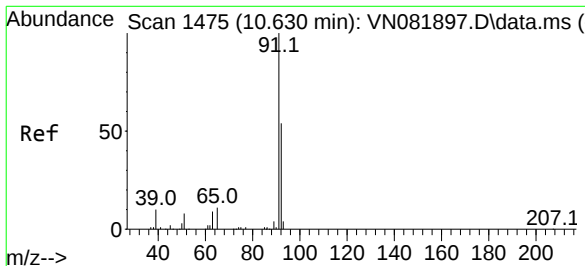
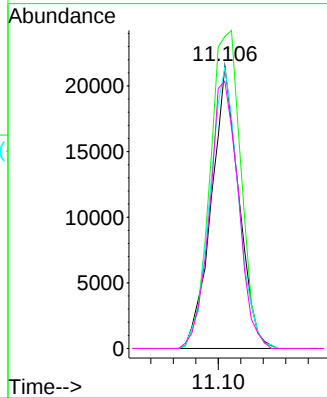
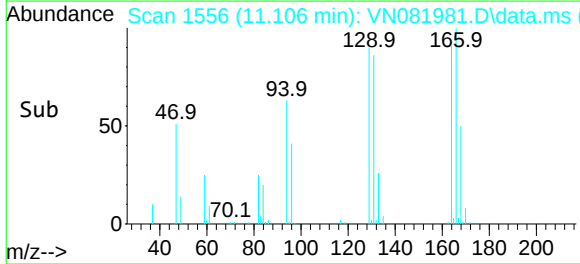
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 36440
Ion Ratio Lower Upper
164 100
166 110.4 106.7 160.1
129 99.5 85.8 128.6
131 94.6 79.1 118.7

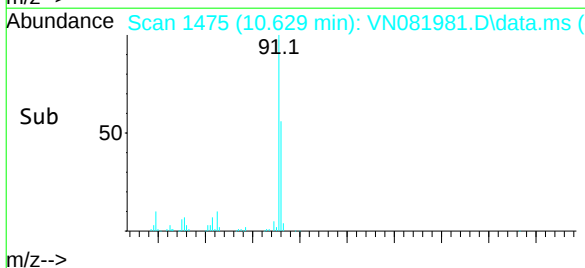
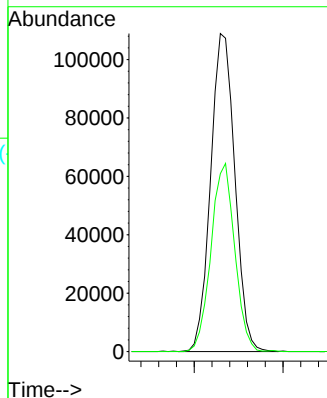
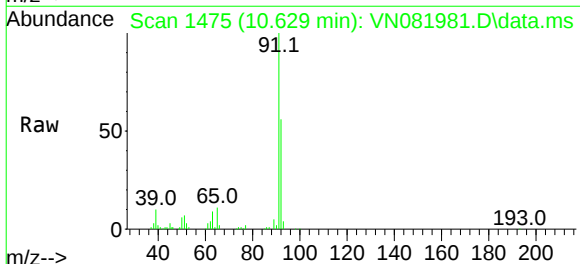
Manual Integrations
APPROVED

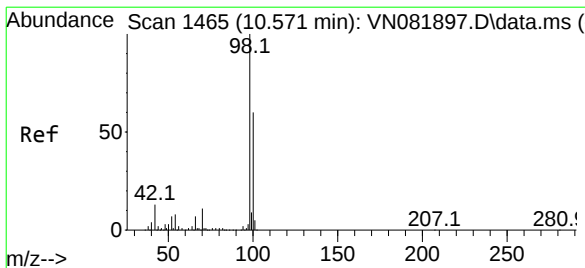
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#62
Toluene
Concen: 20.046 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

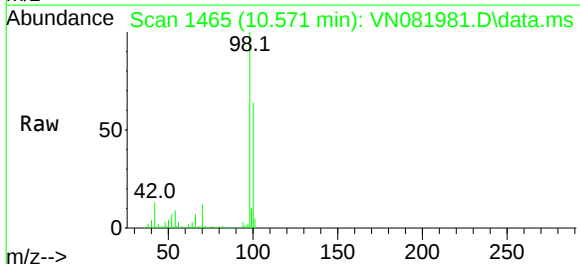
Tgt Ion: 91 Resp: 206742
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63
Toluene-d8
Concen: 30.777 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

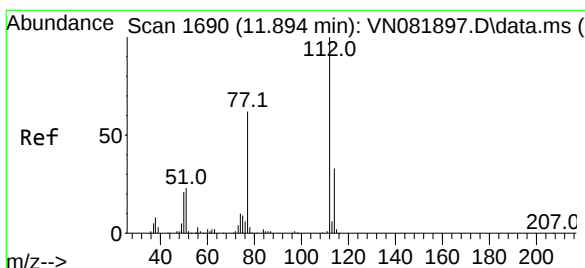
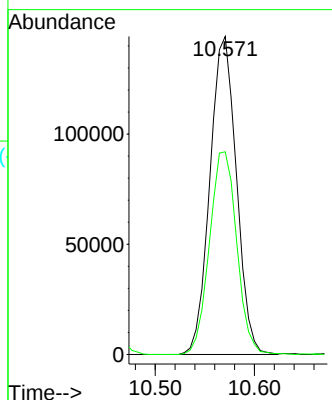
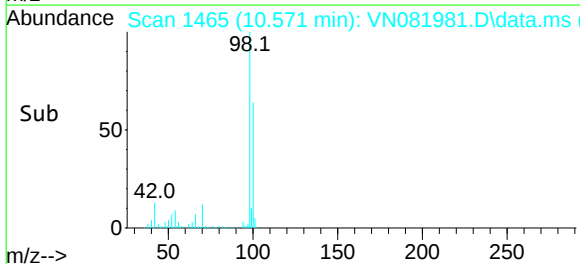
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



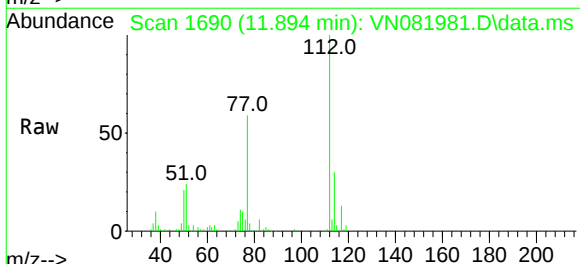
Tgt Ion: 98 Resp: 267913
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

Manual Integrations
APPROVED

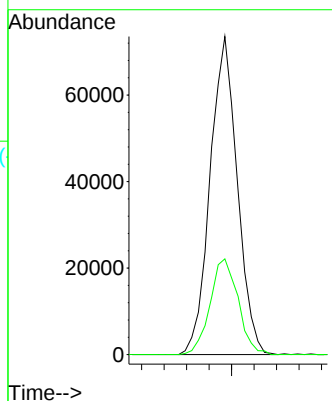
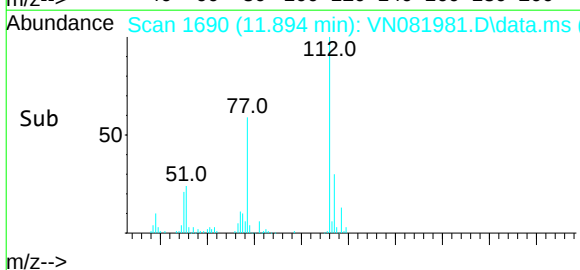
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024

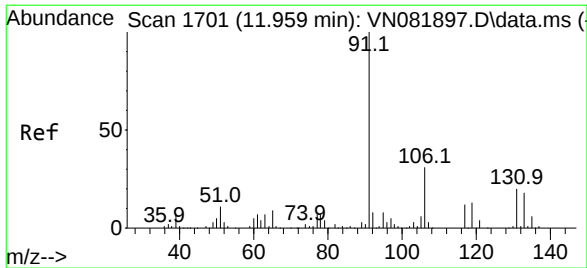


#64
Chlorobenzene
Concen: 19.603 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



Tgt Ion:112 Resp: 123656
Ion Ratio Lower Upper
112 100
114 30.1 26.6 39.8





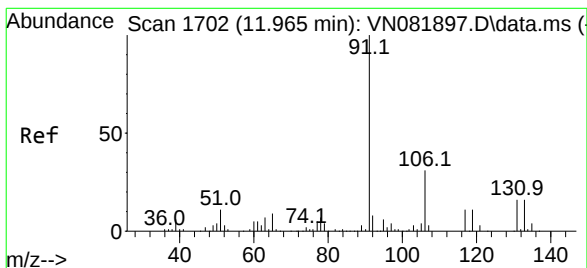
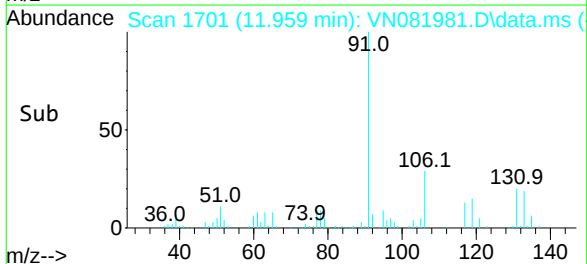
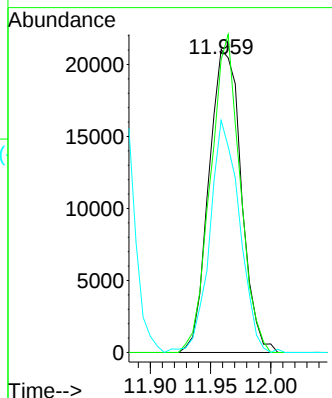
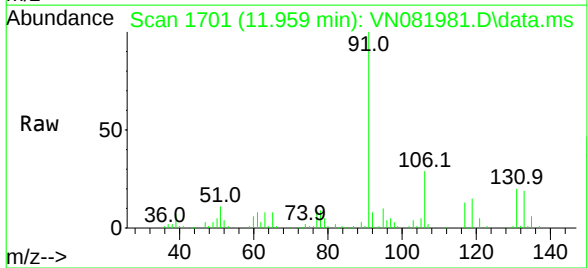
#65
1,1,1,2-Tetrachloroethane
Concen: 19.014 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	0.0	188.0
119	69.6	0.0	122.8

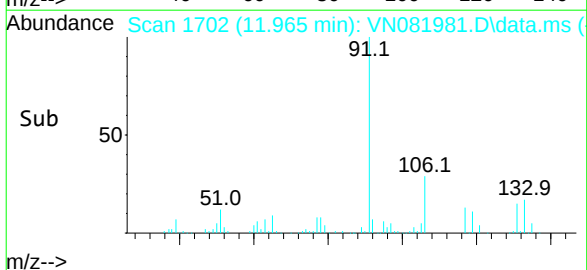
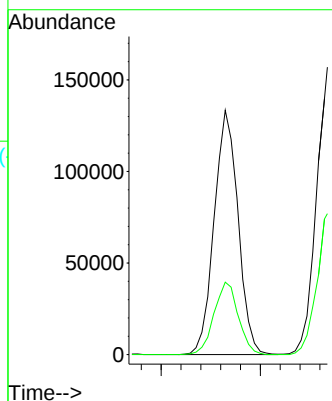
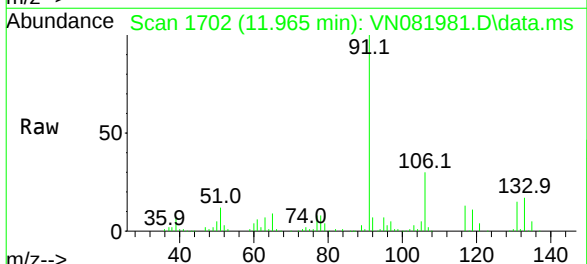
Manual Integrations
APPROVED

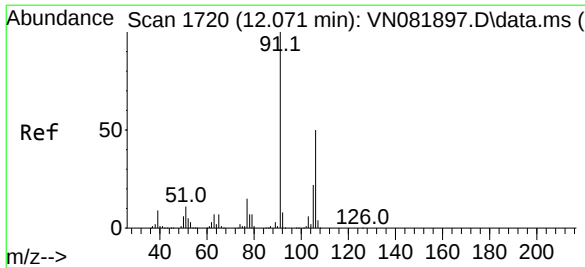
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#66
Ethyl Benzene
Concen: 19.761 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.4	36.6





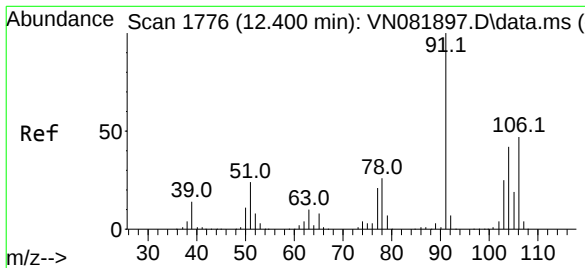
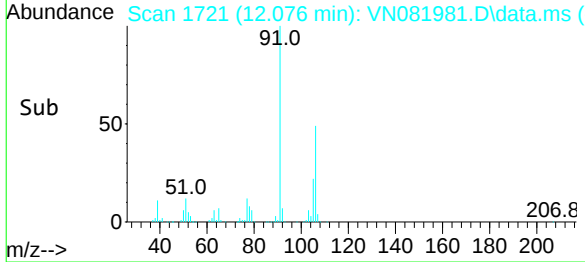
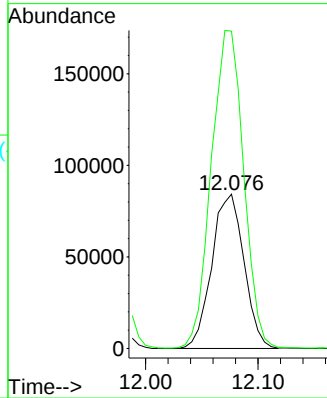
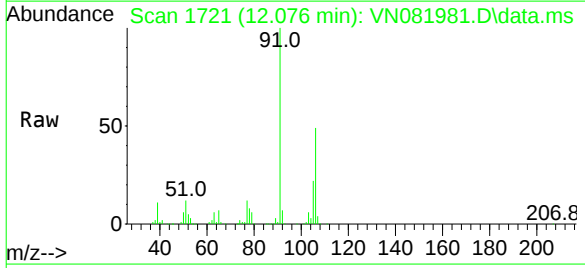
#67
m/p-Xylenes
Concen: 39.957 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 167478
Ion Ratio Lower Upper
106 100
91 207.8 166.6 249.8

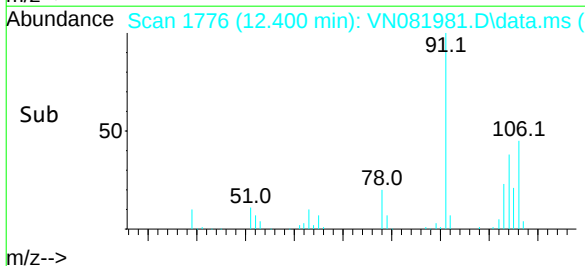
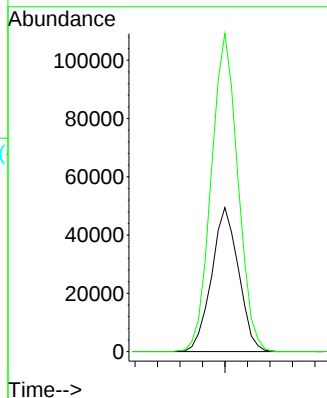
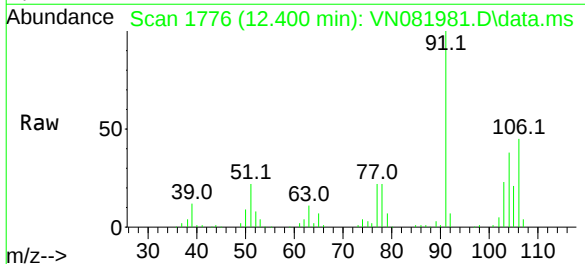
Manual Integrations
APPROVED

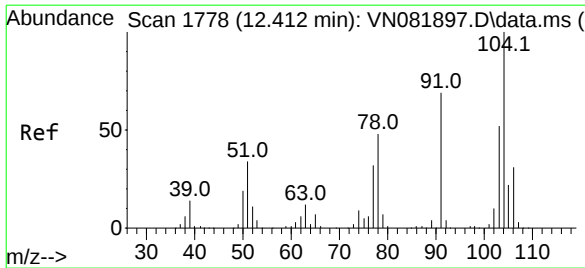
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#68
o-Xylene
Concen: 19.865 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:106 Resp: 82379
Ion Ratio Lower Upper
106 100
91 218.2 110.0 330.0





#69

Styrene

Concen: 19.739 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

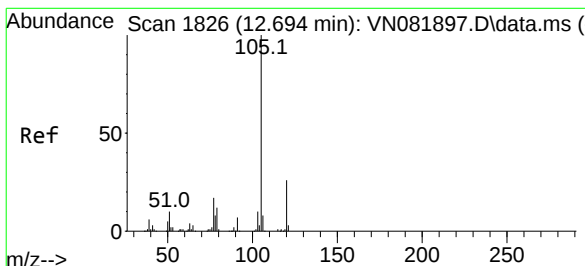
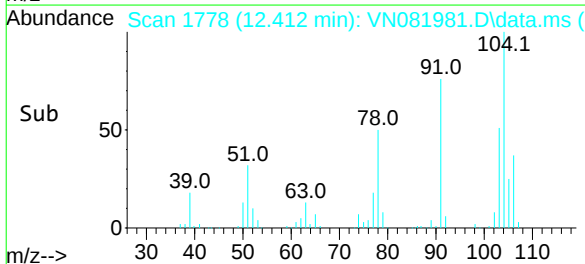
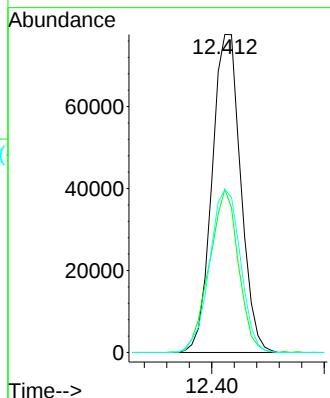
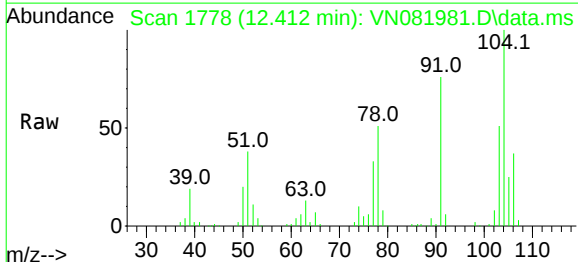
VSTDCCC020EC

Tgt Ion:	104	Resp:	137408
Ion	Ratio	Lower	Upper
104	100		
78	51.9	42.6	64.0
103	55.3	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#70

Isopropylbenzene

Concen: 19.520 ug/l

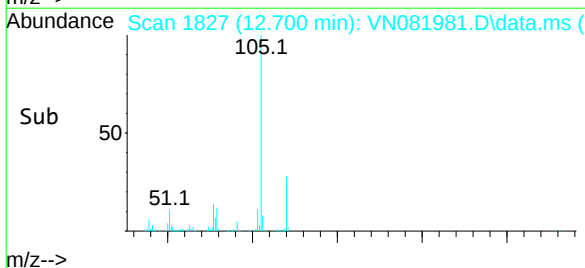
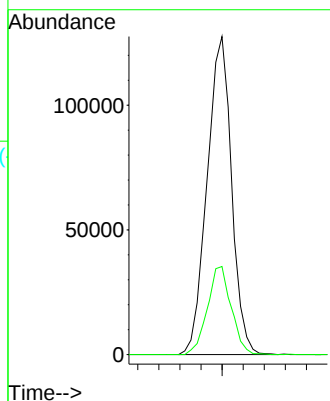
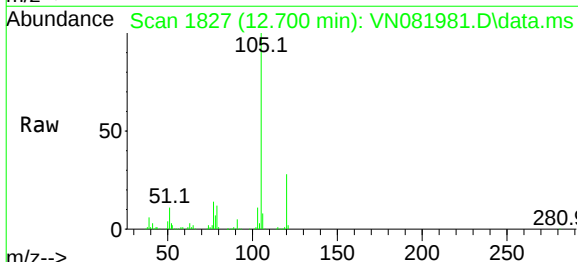
RT: 12.700 min Scan# 1827

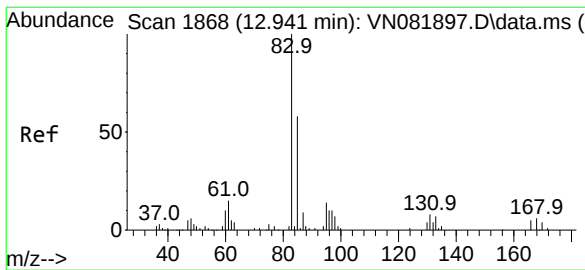
Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Tgt Ion:	105	Resp:	205584
Ion	Ratio	Lower	Upper
105	100		
120	26.9	17.8	33.1





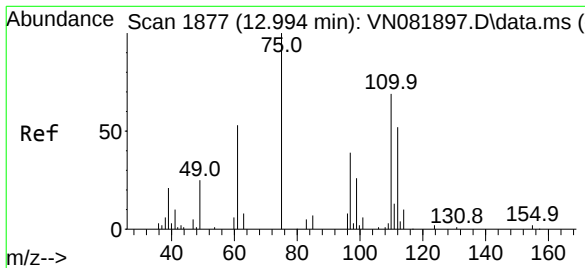
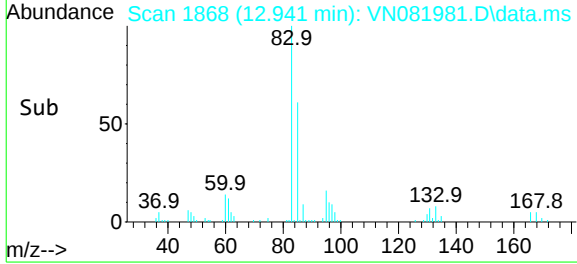
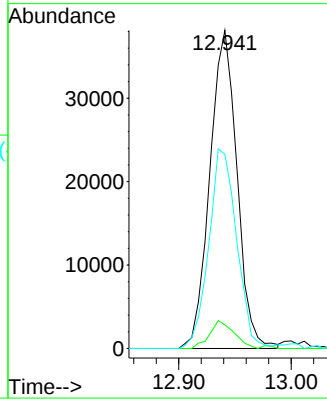
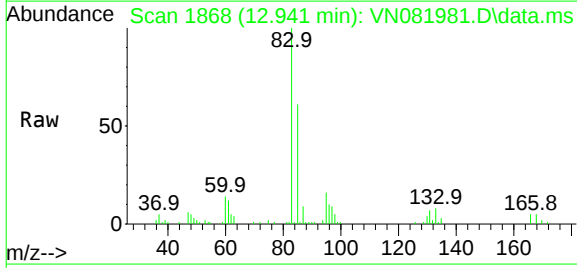
#71
1,1,2,2-Tetrachloroethane
Concen: 21.096 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	83	Resp:	63938
Ion	Ratio	Lower	Upper
83	100		
131	7.9	5.2	15.6
85	64.3	32.3	96.8

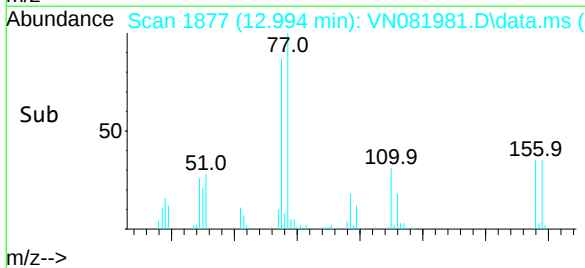
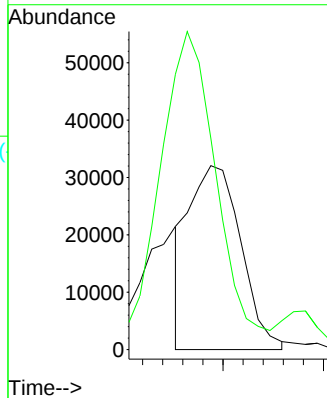
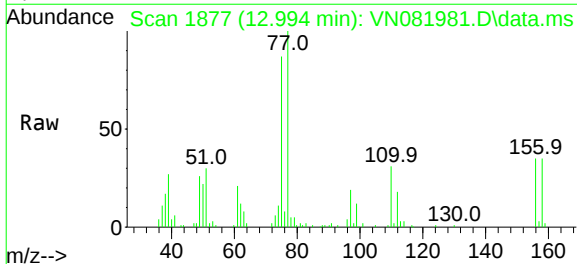
Manual Integrations
APPROVED

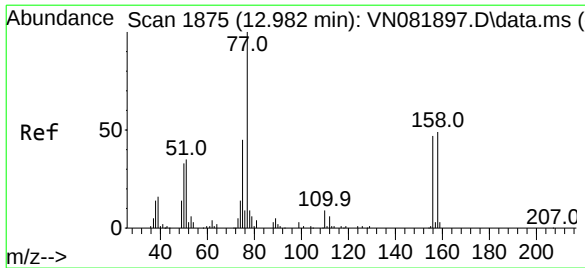
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#72
1,2,3-Trichloropropane
Concen: 20.305 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:	75	Resp:	57534
Ion	Ratio	Lower	Upper
75	100		
77	190.2	0.0	367.6





#73

Bromobenzene

Concen: 18.814 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

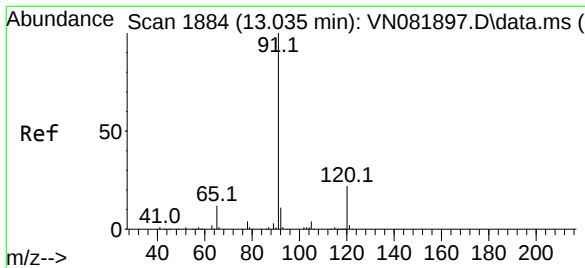
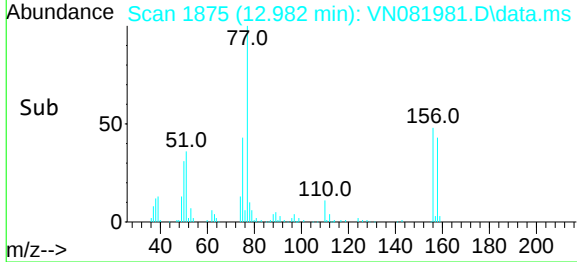
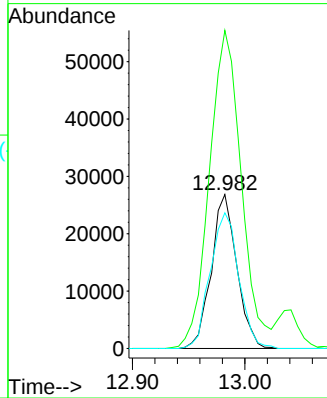
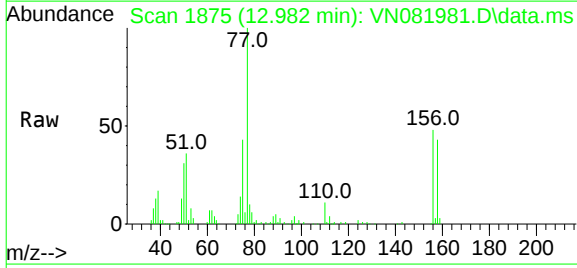
VSTDCCC020EC

Tgt Ion:	156	Resp:	42416
Ion Ratio	Lower	Upper	
156	100		
77	258.1	0.0	437.6
158	98.5	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#74

n-propylbenzene

Concen: 20.452 ug/l

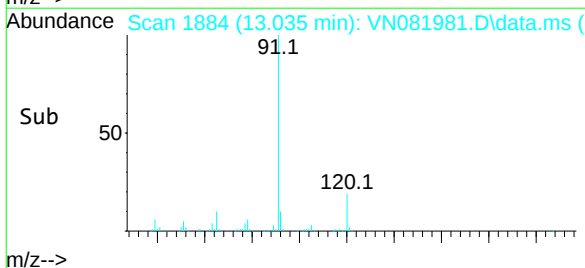
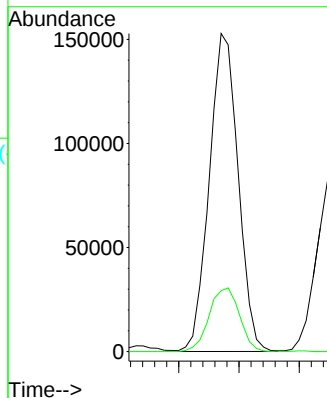
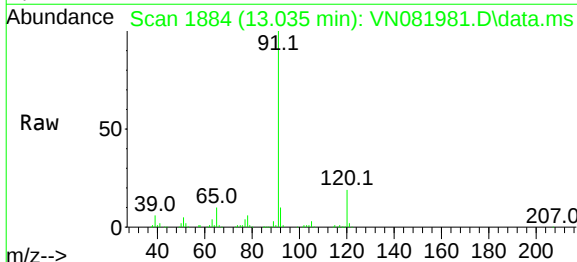
RT: 13.035 min Scan# 1884

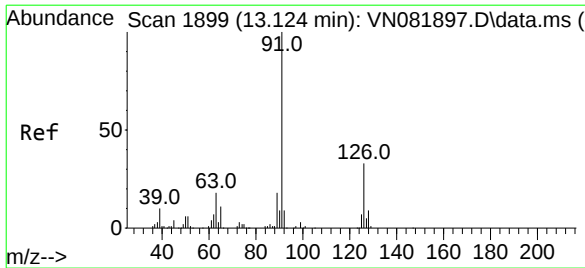
Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Tgt Ion:	91	Resp:	254130
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	43.8





#75

2-Chlorotoluene

Concen: 19.135 ug/l

RT: 13.129 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 147089

Ion Ratio Lower Upper

91 100

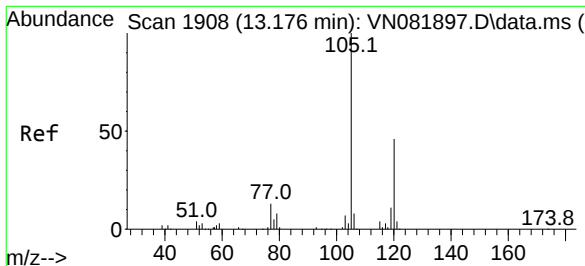
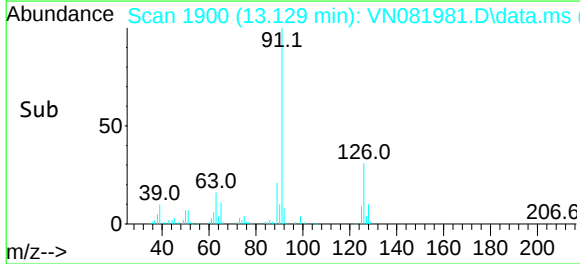
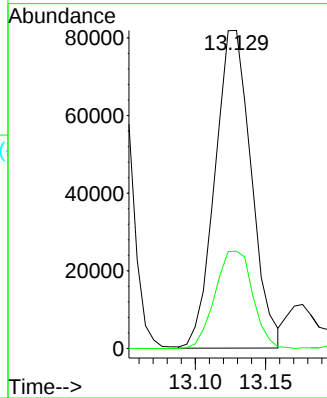
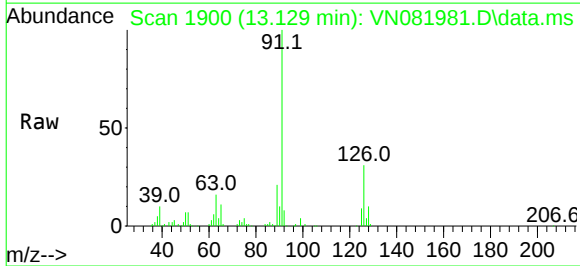
126 31.7 0.0 61.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024

Supervised By :Semsettin Yesilyurt 05/03/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.760 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081981.D

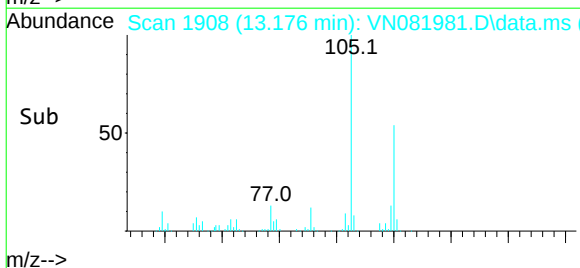
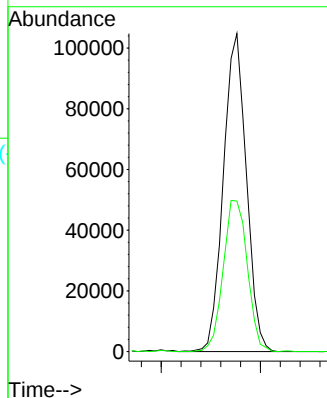
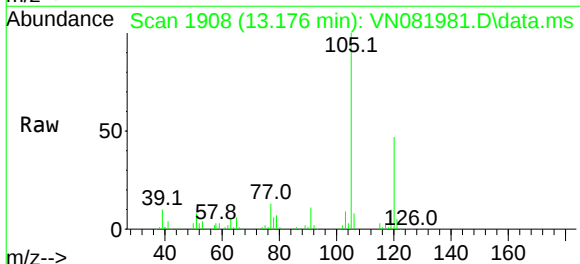
Acq: 02 May 2024 17:13

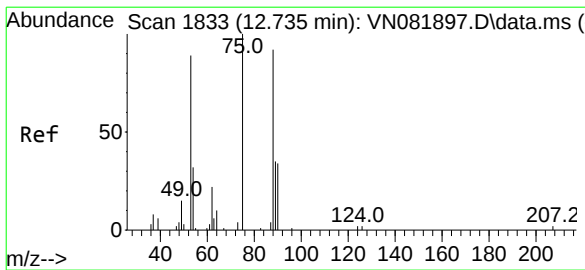
Tgt Ion:105 Resp: 168451

Ion Ratio Lower Upper

105 100

120 50.0 0.0 95.8





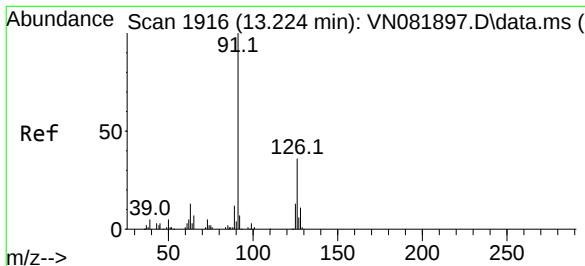
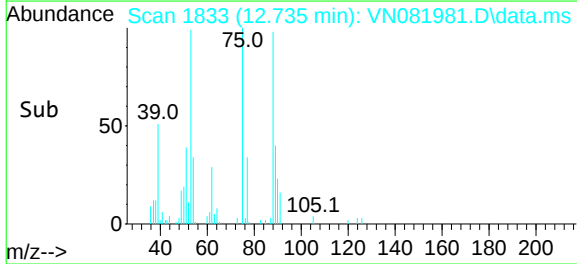
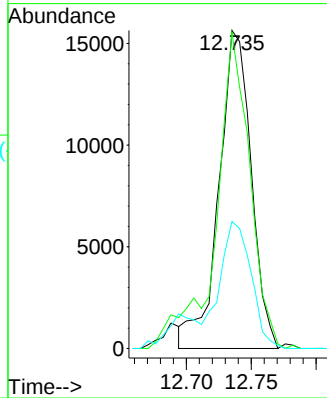
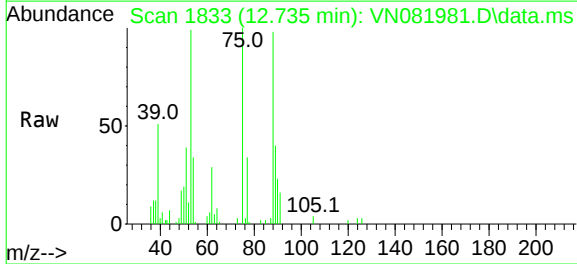
#77
t-1,4-Dichloro-2-butene
Concen: 21.459 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.8	45.9	137.7
89	38.9	25.9	77.7

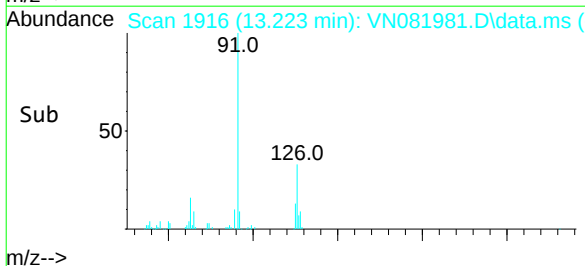
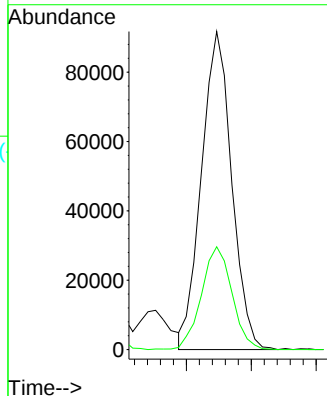
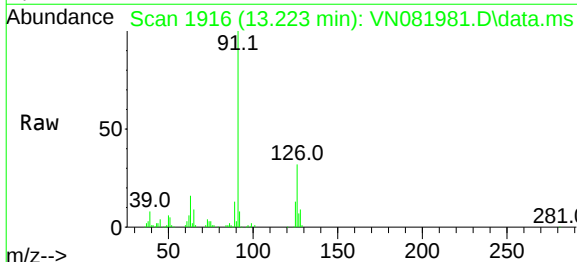
Manual Integrations
APPROVED

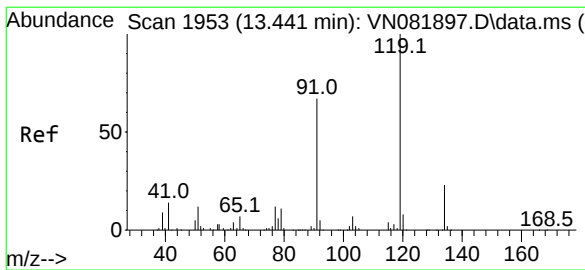
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#78
4-Chlorotoluene
Concen: 19.700 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	62.8





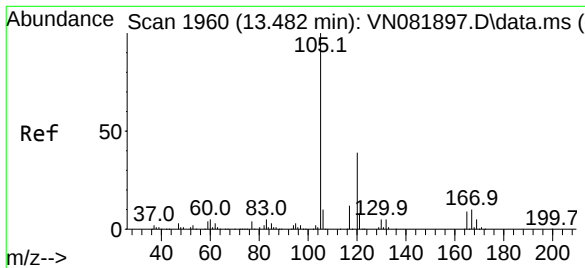
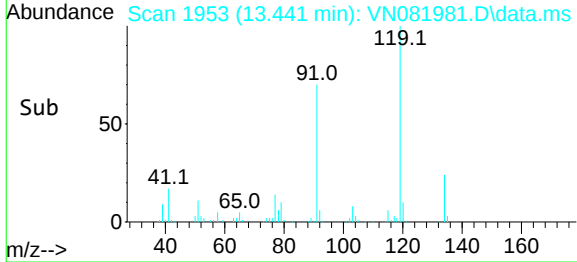
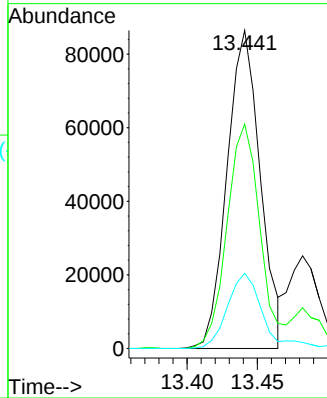
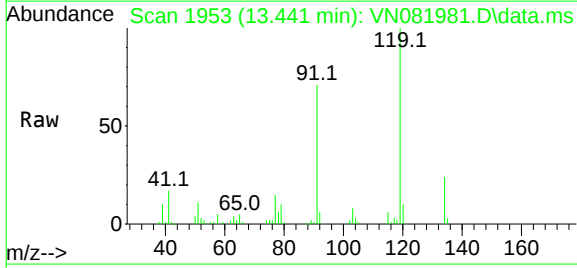
#79
tert-butylbenzene
Concen: 19.382 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 142267
Ion Ratio Lower Upper
119 100
91 70.5 0.0 138.8
134 23.0 0.0 48.6

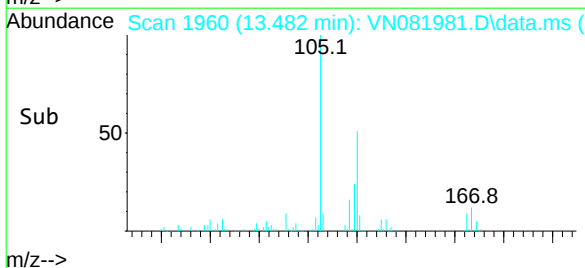
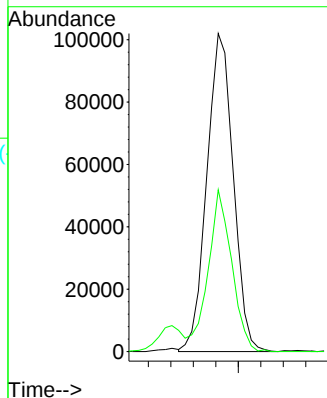
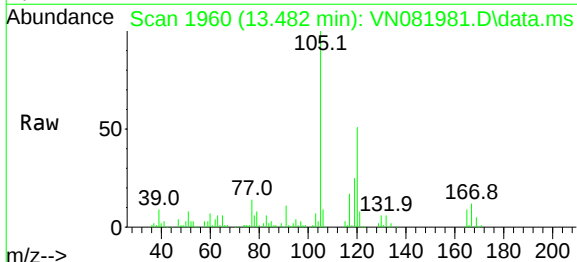
Manual Integrations
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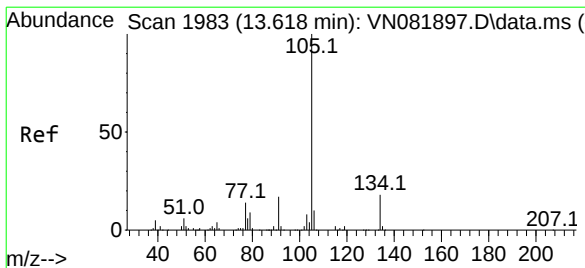
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.457 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:105 Resp: 166613
Ion Ratio Lower Upper
105 100
120 45.0 0.0 86.8





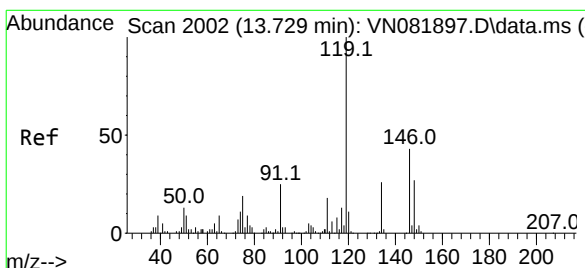
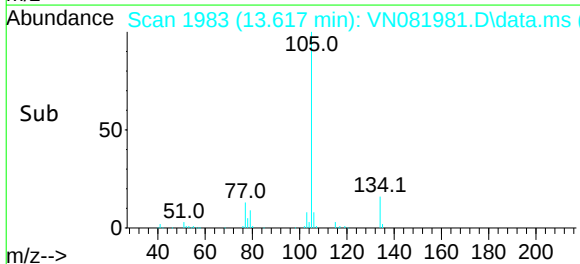
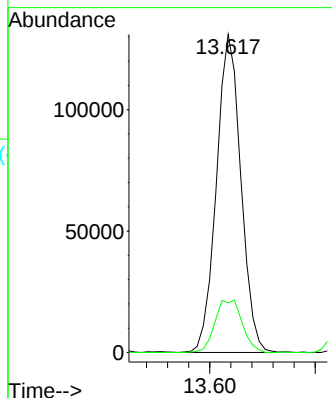
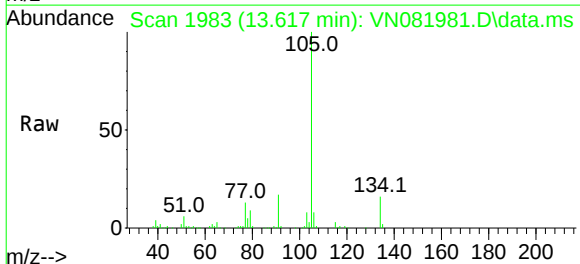
#81
sec-Butylbenzene
Concen: 20.495 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 210875
Ion Ratio Lower Upper
105 100
134 18.4 0.0 39.0

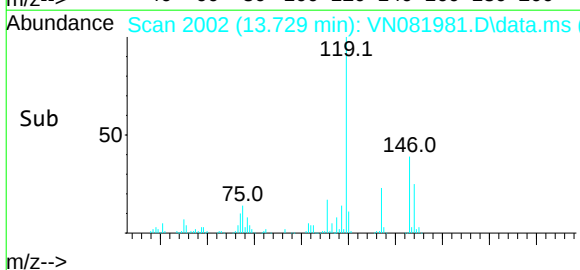
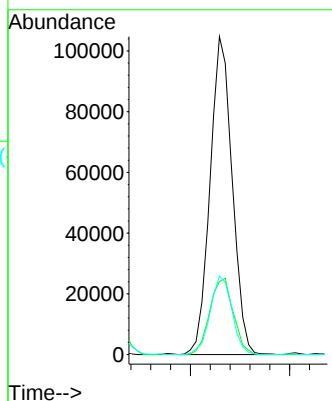
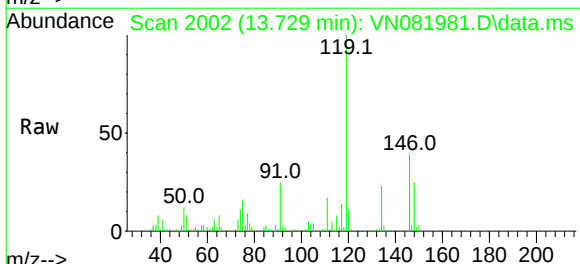
Manual Integrations
APPROVED

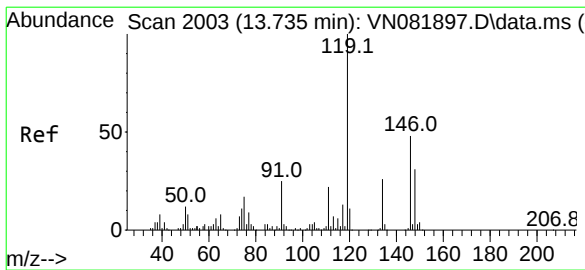
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#82
p-Isopropyltoluene
Concen: 19.966 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:119 Resp: 162439
Ion Ratio Lower Upper
119 100
134 25.5 0.0 49.2
91 24.4 0.0 48.8





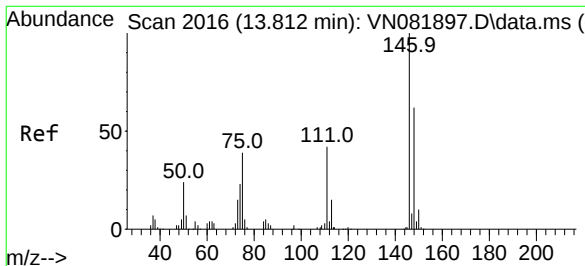
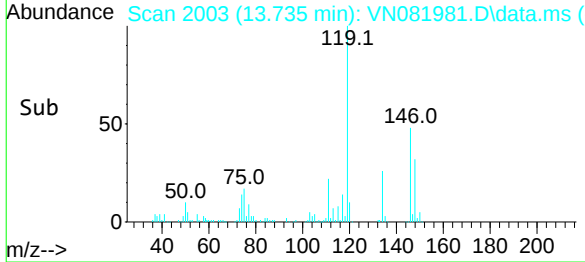
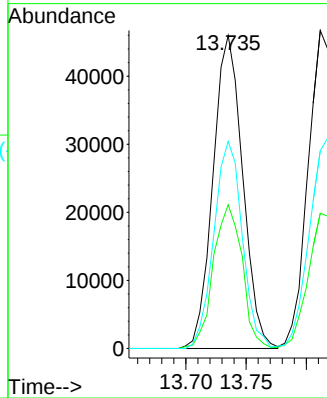
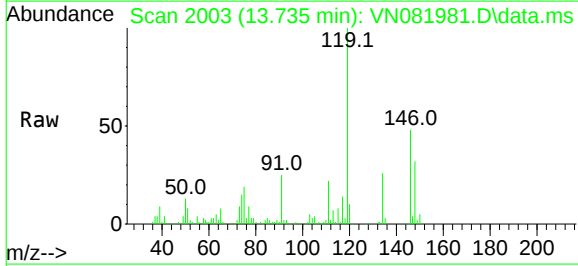
#83
1,3-Dichlorobenzene
Concen: 19.382 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.0
148	63.6	32.1	96.5

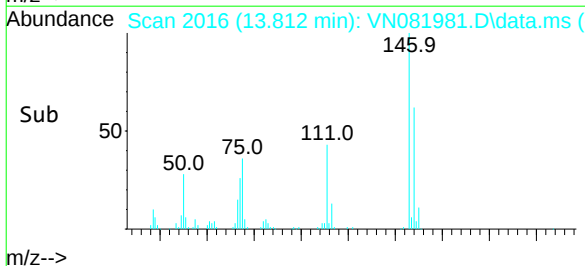
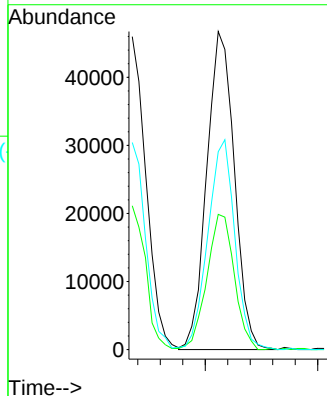
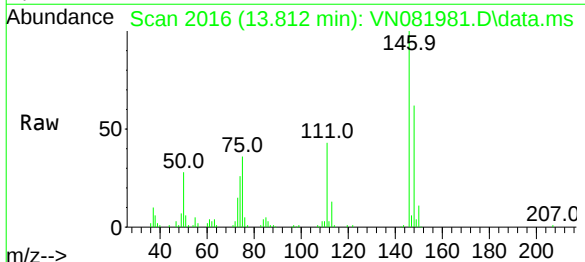
Manual Integrations
APPROVED

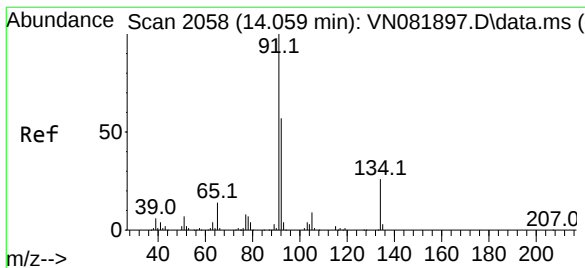
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#84
1,4-Dichlorobenzene
Concen: 19.539 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.9
148	64.6	31.9	95.5





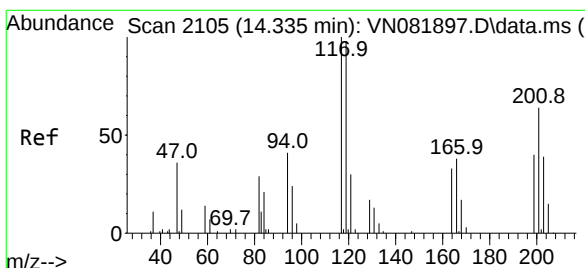
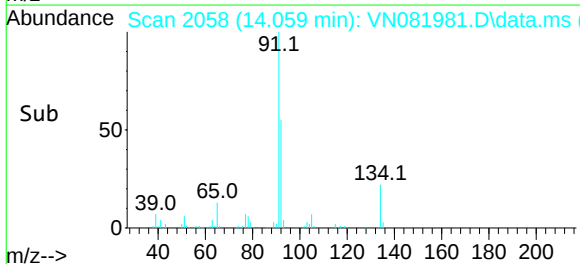
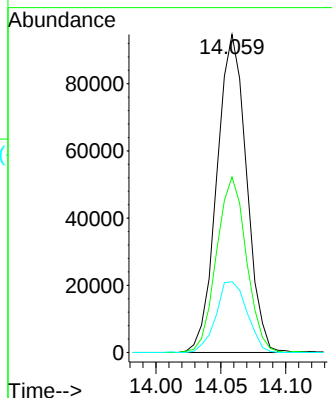
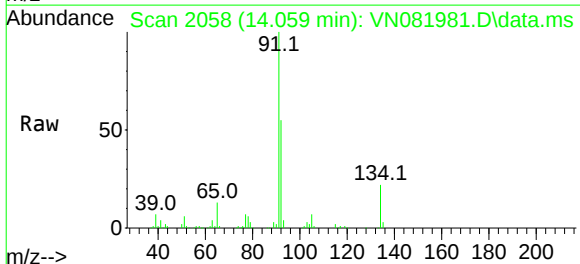
#85
n-Butylbenzene
Concen: 20.260 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 150569
Ion Ratio Lower Upper
91 100
92 55.4 0.0 105.0
134 23.3 0.0 51.8

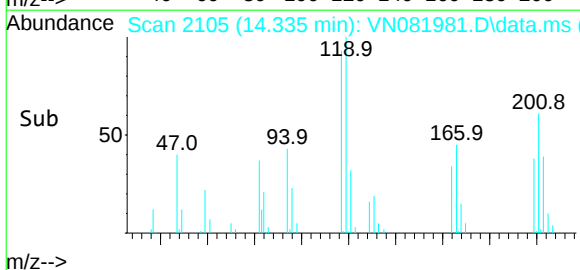
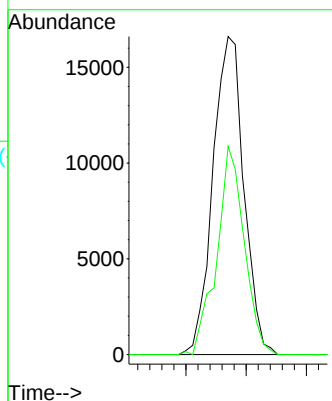
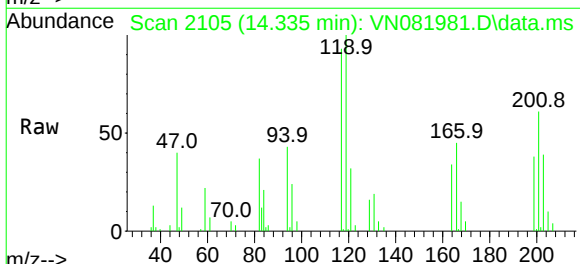
Manual Integrations
APPROVED

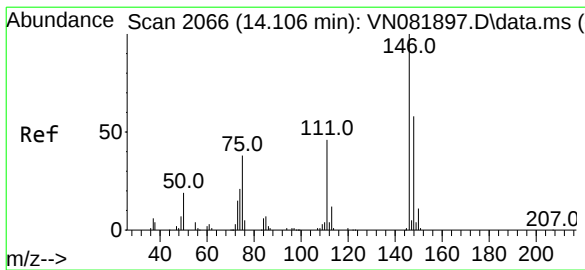
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#86
Hexachloroethane
Concen: 18.266 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:117 Resp: 29632
Ion Ratio Lower Upper
117 100
201 58.1 38.0 114.0





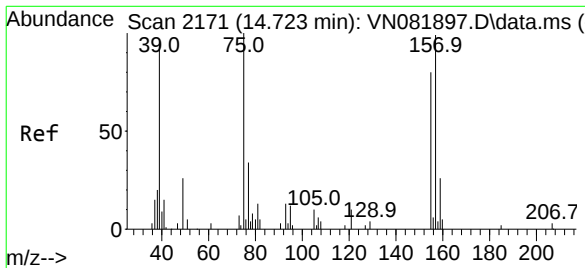
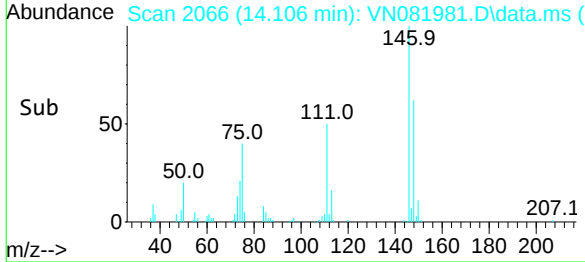
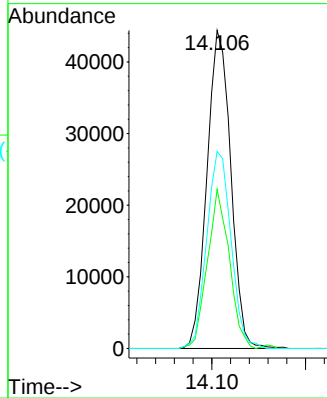
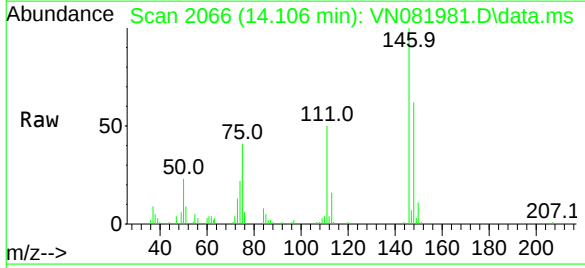
#87
1,2-Dichlorobenzene
Concen: 19.402 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 78446
Ion Ratio Lower Upper
146 100
111 46.1 22.6 67.8
148 63.2 31.3 93.8

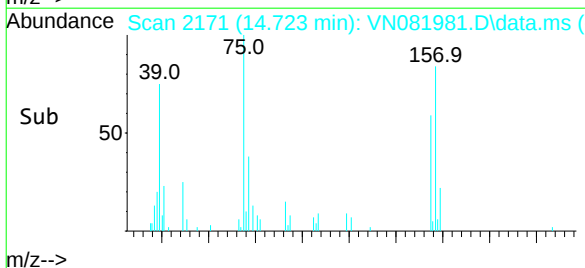
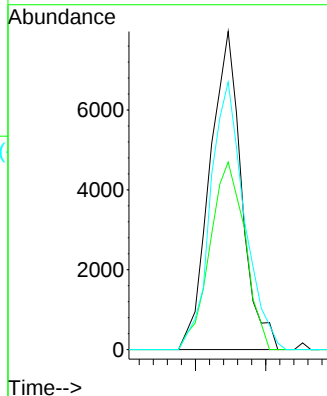
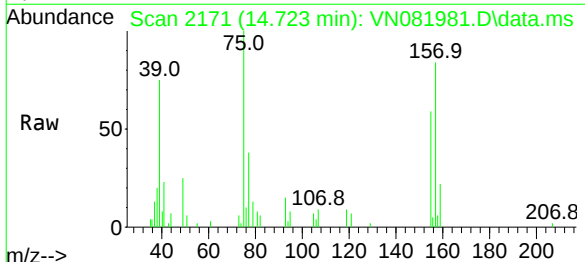
Manual Integrations
APPROVED

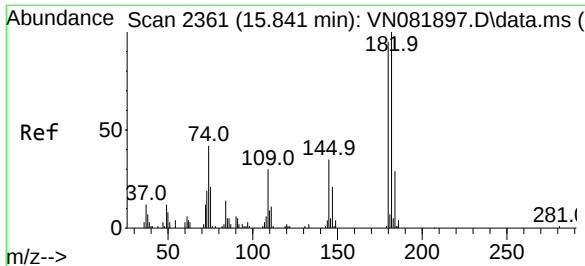
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.363 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 75 Resp: 12489
Ion Ratio Lower Upper
75 100
155 65.4 61.7 92.5
157 89.7 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.711 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

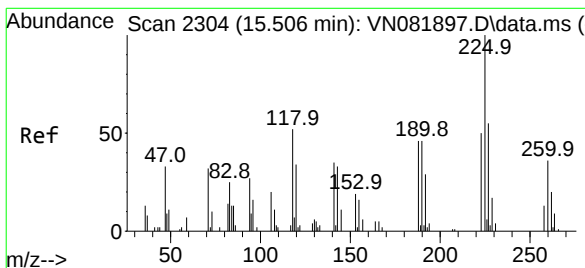
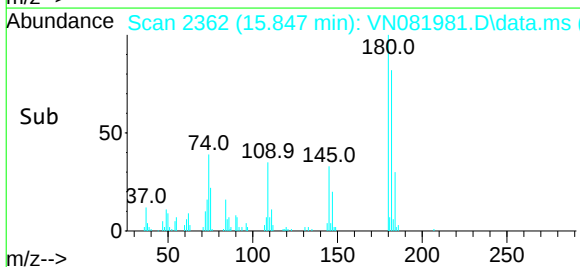
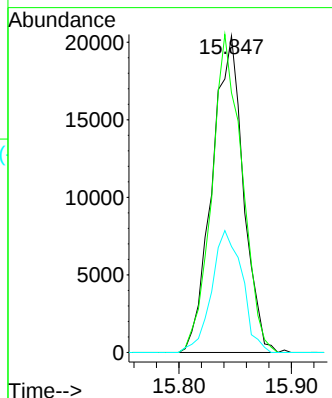
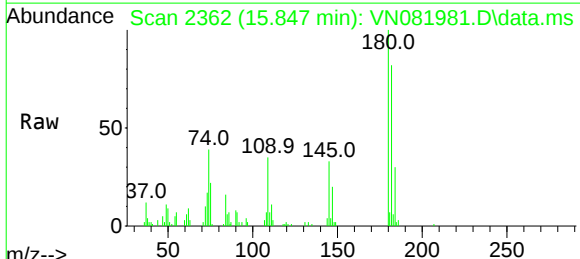
VSTDCCC020EC

Tgt Ion:	180	Resp:	39430
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.4	114.6
145	37.8	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#90

Hexachlorobutadiene

Concen: 15.987 ug/l

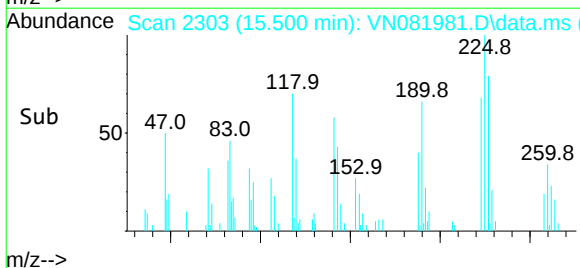
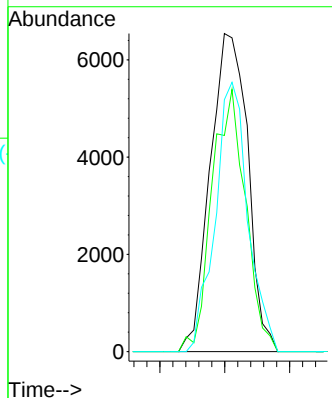
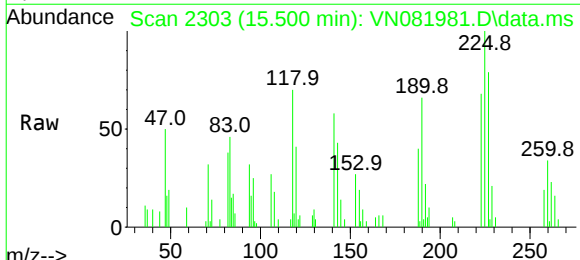
RT: 15.500 min Scan# 2303

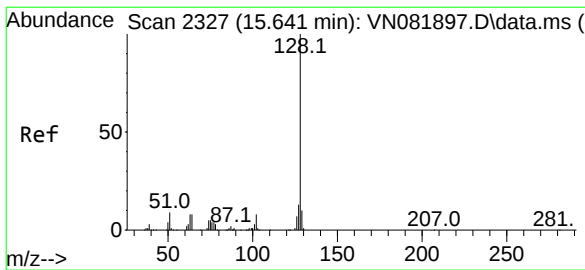
Delta R.T. -0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Tgt Ion:	225	Resp:	13182
Ion Ratio	Lower	Upper	
225	100		
223	73.8	0.0	126.6
227	73.9	0.0	126.6





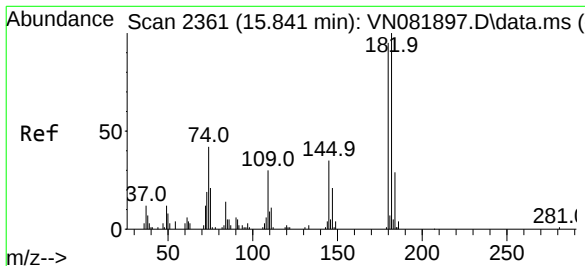
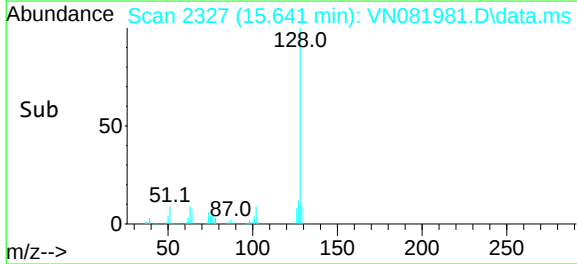
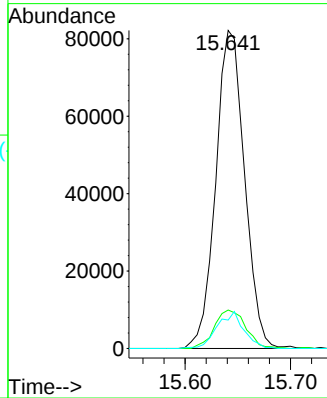
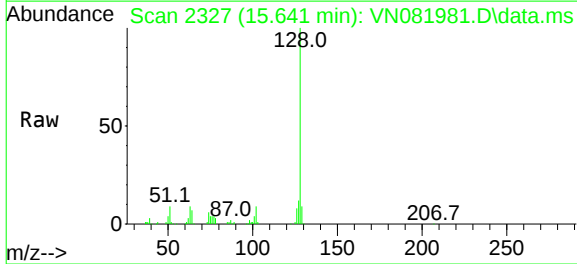
#91
Naphthalene
Concen: 18.415 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 155852
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.711 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:180 Resp: 39430
Ion Ratio Lower Upper
180 100
182 97.4 0.0 191.0
145 37.8 0.0 71.0

