

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082022.D
 Acq On : 07 May 2024 16:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 08 08:00:29 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	7.812	128	32004	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	196238	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	177244	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85522	31.917	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.400%			
60) 4-Bromofluorobenzene	12.847	95	82921	28.111	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.700%			
63) Toluene-d8	10.565	98	251123	29.834	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.433%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35115	19.329	ug/l	98
3) Chloromethane	2.359	50	41157	19.535	ug/l	95
4) Vinyl Chloride	2.518	62	42937	21.574	ug/l	91
5) Bromomethane	2.965	94	20337	19.582	ug/l	95
6) Chloroethane	3.130	64	25920	22.999	ug/l	95
7) Trichlorofluoromethane	3.501	101	54909	18.854	ug/l	96
8) Diethyl Ether	3.959	74	27366	19.411	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.365	101	38109	19.088	ug/l	85
10) 1,1-Dichloroethene	4.342	96	39043	19.989	ug/l	94
11) Methyl Iodide	4.589	142	31894	17.867	ug/l	79
12) Methyl Acetate	5.024	43	55881	22.848	ug/l #	79
13) Acrolein	4.177	56	38541	74.145	ug/l	95
14) Acrylonitrile	5.724	53	119979	107.484	ug/l	89
15) Acetone	4.424	58	28533	114.071	ug/l	89
16) Carbon Disulfide	4.712	76	97517	18.020	ug/l	96
17) Allyl chloride	5.024	41	71978	20.989	ug/l	83
18) Methylene Chloride	5.277	84	45481	20.464	ug/l #	79
19) trans-1,2-Dichloroethene	5.783	96	39891m	19.620	ug/l	
20) Diisopropyl ether	6.671	45	157415	20.747	ug/l	96
21) 1,1-Dichloroethane	6.571	63	86488	21.527	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	52086	21.023	ug/l	96
23) tert-Butyl Alcohol	5.512	59	44368	96.496	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	141285	20.063	ug/l #	90
25) Chloroform	7.965	83	79040	20.449	ug/l	93
26) Cyclohexane	8.259	56	68833	19.813	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	57006	19.513	ug/l	98
30) 2-Butanone	7.483	43	155532	103.278	ug/l #	92
31) 2,2-Dichloropropane	7.494	77	72756	24.301	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	64537	19.207	ug/l #	91
33) Carbon Tetrachloride	8.365	117	51691	18.956	ug/l	98
34) Benzene	8.606	78	185586	19.912	ug/l	98
35) Methacrylonitrile	7.777	41	33817	17.749	ug/l	92
36) 1,2-Dichloroethane	8.671	62	60034	19.188	ug/l	97
37) Trichloroethene	9.353	130	37377	16.373	ug/l	87
38) Methylcyclohexane	9.600	83	71497	20.258	ug/l	94
39) 1,2-Dichloropropane	9.624	63	49983	20.900	ug/l	97
40) Dibromomethane	9.712	93	30269	19.702	ug/l	86
41) Bromodichloromethane	9.882	83	62791	19.122	ug/l	96
42) Vinyl Acetate	6.606	43	618220	96.448	ug/l	95

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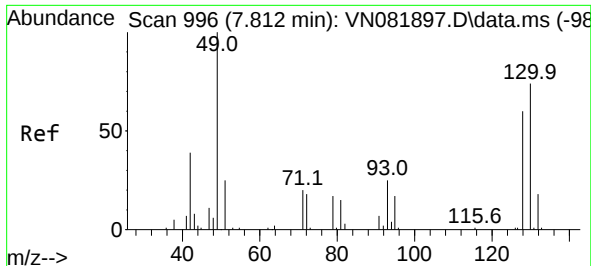
Manual Integrations
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 Supervised By : Mahesh Dadoda 05/08/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	64630	19.684	ug/l	100
44) Isopropyl Acetate	8.688	43	115283	19.777	ug/l	90
45) 1,4-Dioxane	9.694	88	18641	398.750	ug/l #	92
46) Methyl methacrylate	9.688	41	53827	20.212	ug/l	81
47) n-amyl Acetate	12.494	43	101825m	19.367	ug/l	
48) t-1,3-Dichloropropene	10.835	75	68404	19.209	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	76164	20.230	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	41080	19.709	ug/l #	91
51) Ethyl methacrylate	10.877	69	74285	18.883	ug/l	75
52) 1,3-Dichloropropane	11.165	76	78220	20.426	ug/l	98
53) Dibromochloromethane	11.359	129	43354	19.117	ug/l	97
54) 1,2-Dibromoethane	11.471	107	40191	19.334	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	184451	93.765	ug/l	95
56) Bromoform	12.582	173	22839	16.547	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	341787m	99.312	ug/l	
59) 2-Hexanone	11.194	43	255362	100.075	ug/l #	87
61) Tetrachloroethene	11.106	164	32742	16.648	ug/l	93
62) Toluene	10.629	91	190289	19.081	ug/l	97
64) Chlorobenzene	11.894	112	116110	19.035	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.965	131	37337	18.702	ug/l	93
66) Ethyl Benzene	11.965	91	216240	19.781	ug/l	99
67) m/p-Xylenes	12.071	106	156500	38.614	ug/l	100
68) o-Xylene	12.400	106	74223	18.510	ug/l	97
69) Styrene	12.412	104	127231	18.901	ug/l	99
70) Isopropylbenzene	12.694	105	192018	18.855	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	58969	20.121	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	53458m	19.511	ug/l	
73) Bromobenzene	12.982	156	40499	18.577	ug/l	82
74) n-propylbenzene	13.035	91	242532	20.185	ug/l	98
75) 2-Chlorotoluene	13.129	91	141639	19.055	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	156427	18.976	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	23540	19.303	ug/l	84
78) 4-Chlorotoluene	13.223	91	138760	19.055	ug/l	100
79) tert-butylbenzene	13.441	119	131086	18.469	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	160995	19.443	ug/l	98
81) sec-Butylbenzene	13.617	105	196369	19.737	ug/l	97
82) p-Isopropyltoluene	13.729	119	154258	19.608	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	71836	18.300	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	73004	18.503	ug/l	99
85) n-Butylbenzene	14.059	91	147750	20.560	ug/l	97
86) Hexachloroethane	14.335	117	28697	18.294	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	73591	18.823	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10976	16.690	ug/l	84
89) 1,2,4-Trichlorobenzene	15.841	180	37340	17.345	ug/l	96
90) Hexachlorobutadiene	15.500	225	13254	16.624	ug/l	99
91) Naphthalene	15.641	128	143381	17.521	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	37340	17.345	ug/l	96

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



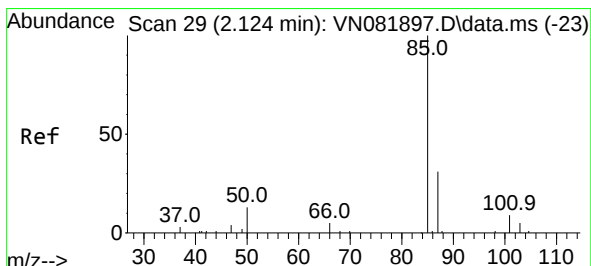
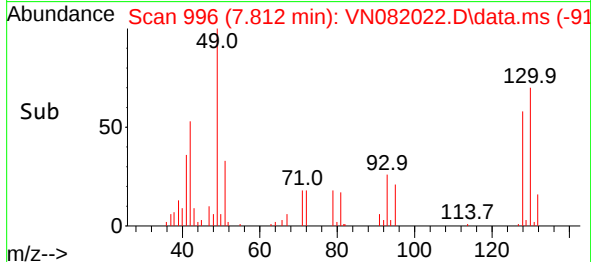
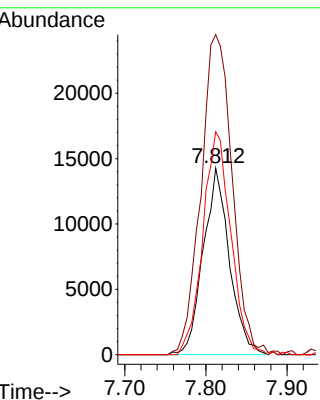
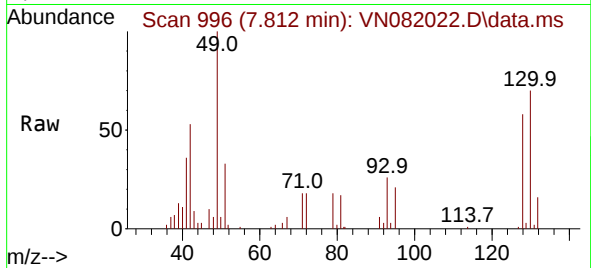
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 32004
Ion Ratio Lower Upper
128 100
49 203.7 0.0 403.7
130 127.4 0.0 323.3

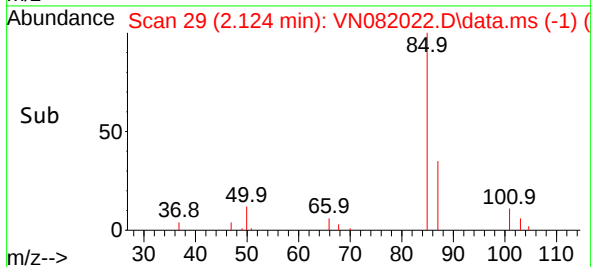
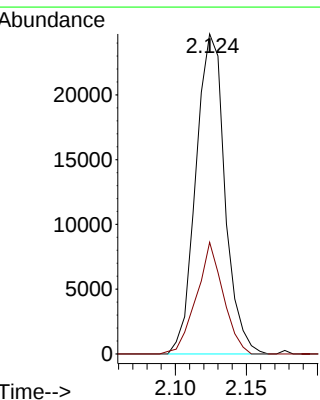
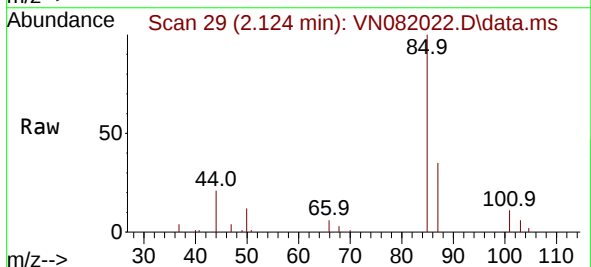
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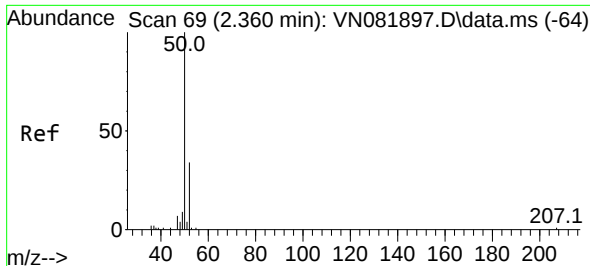
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#2
Dichlorodifluoromethane
Concen: 19.329 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

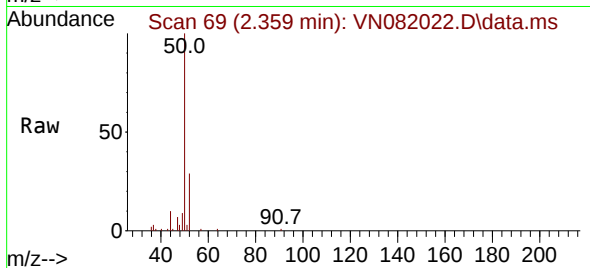
Tgt Ion: 85 Resp: 35115
Ion Ratio Lower Upper
85 100
87 34.9 16.8 50.3





#3
Chloromethane
Concen: 19.535 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

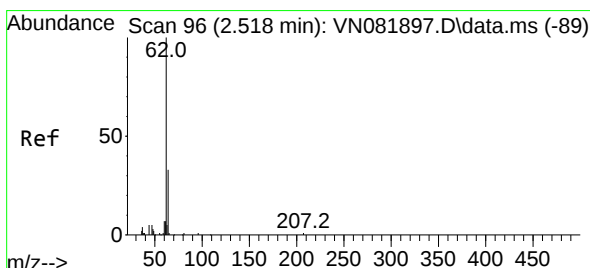
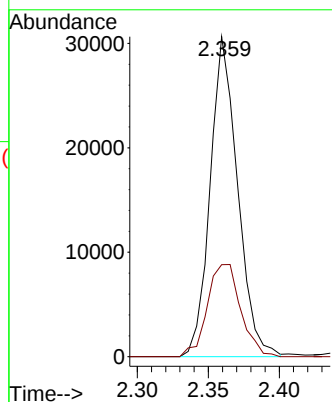
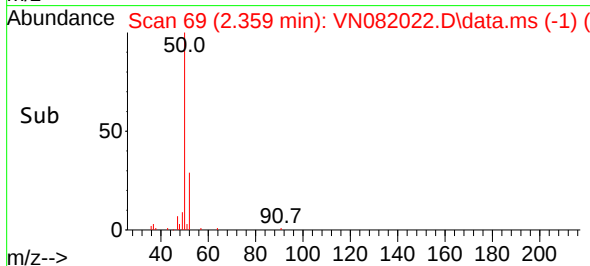
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



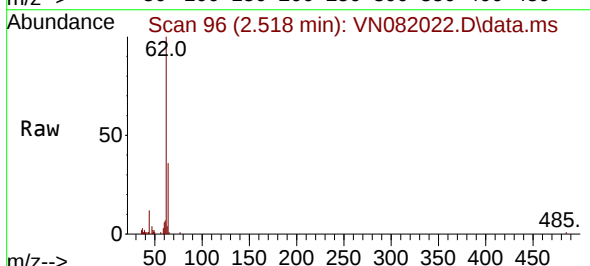
Tgt Ion: 50 Resp: 4115
Ion Ratio Lower Upper
50 100
52 28.8 25.4 38.0

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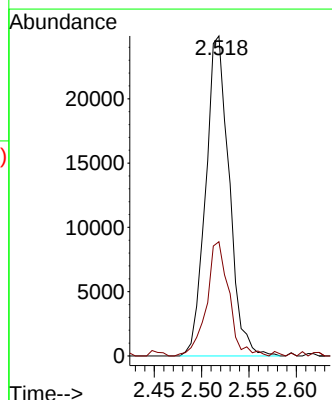
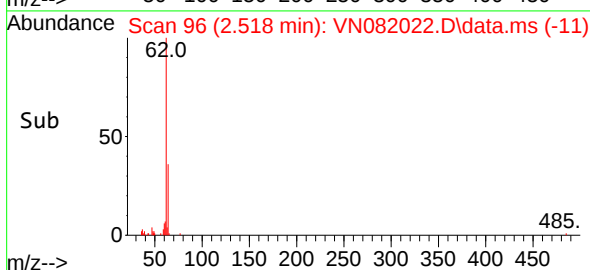
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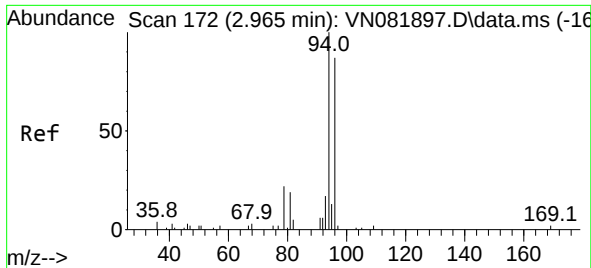


#4
Vinyl Chloride
Concen: 21.574 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



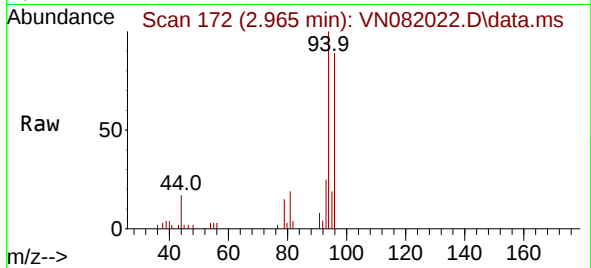
Tgt Ion: 62 Resp: 42937
Ion Ratio Lower Upper
62 100
64 35.1 24.1 36.1





#5
Bromomethane
Concen: 19.582 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

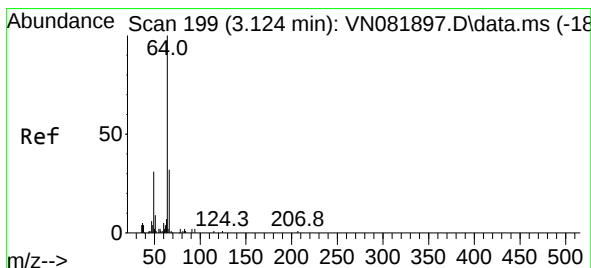
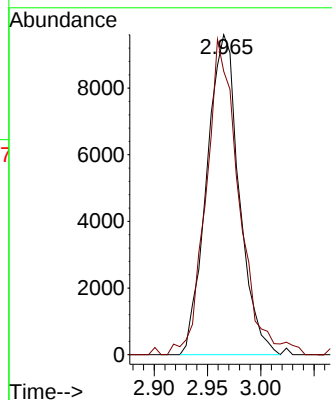
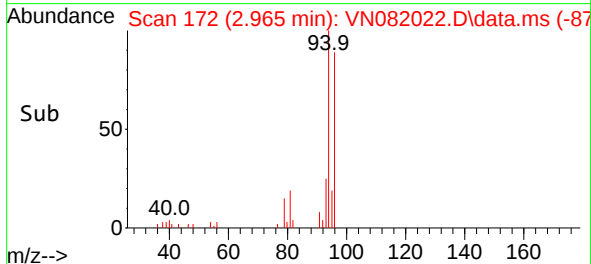
Instrument :
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ClientSampleId :
VSTDCCC020EC



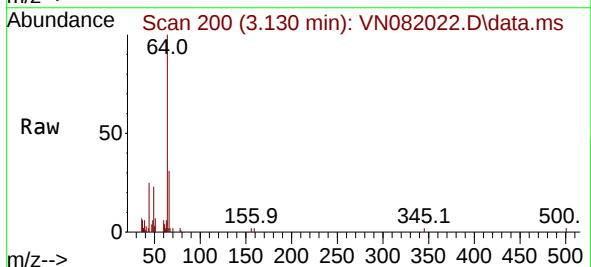
Tgt Ion: 94 Resp: 2033
Ion Ratio Lower Upper
94 100
96 86.0 72.8 109.2

Manual Integrations
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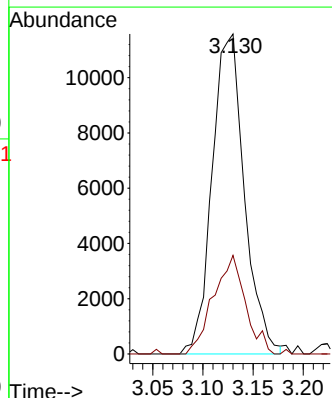
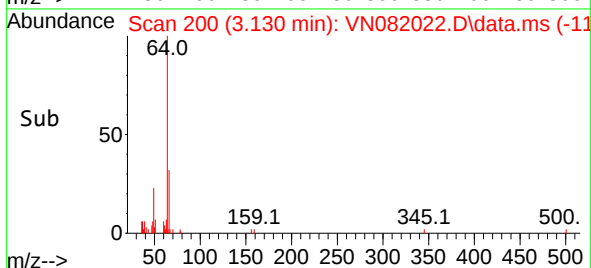
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

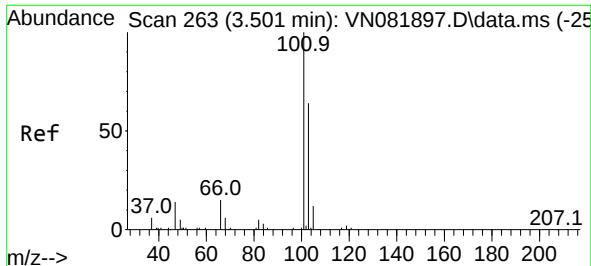


#6
Chloroethane
Concen: 22.999 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



Tgt Ion: 64 Resp: 25920
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1





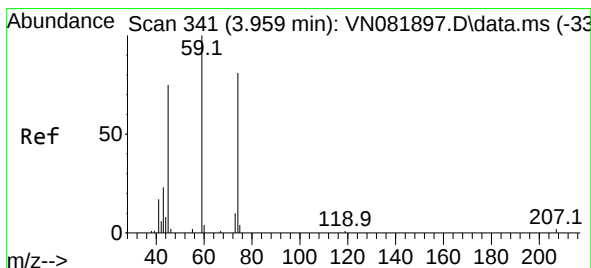
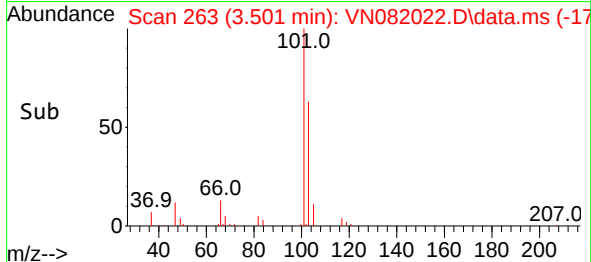
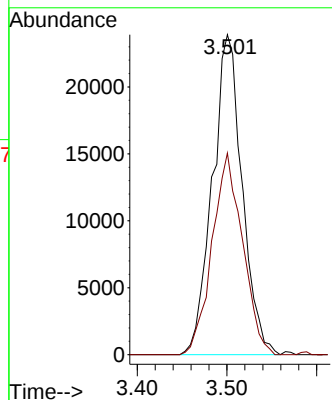
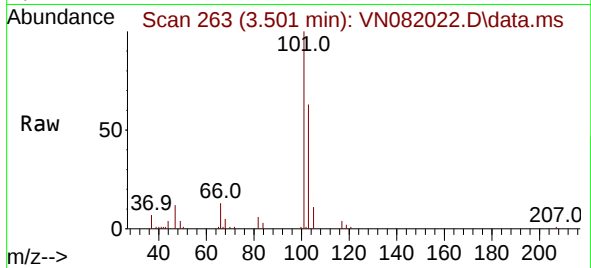
#7
Trichlorofluoromethane
Concen: 18.854 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 5490
Ion Ratio Lower Upper
101 100
103 63.0 53.0 79.4

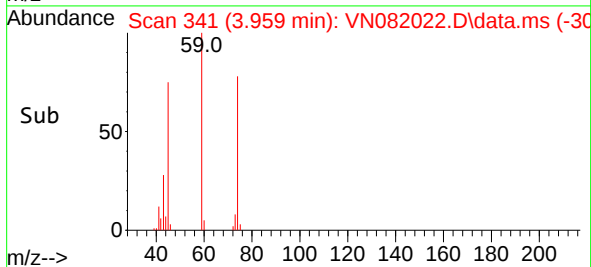
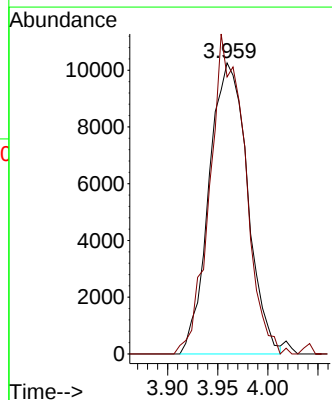
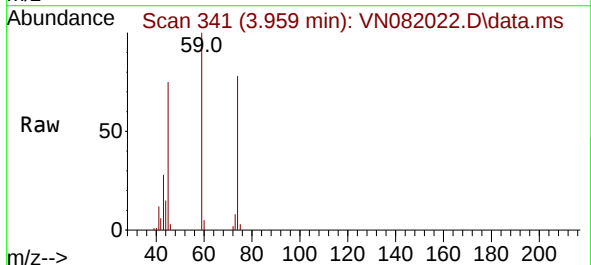
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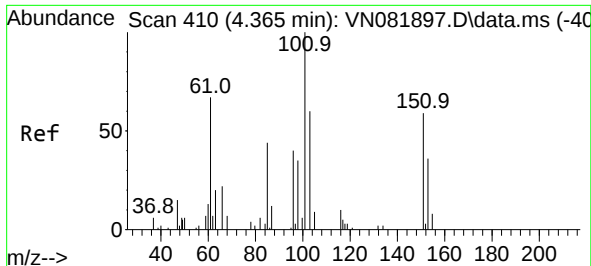
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#8
Diethyl Ether
Concen: 19.411 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 74 Resp: 27366
Ion Ratio Lower Upper
74 100
45 99.8 16.4 147.4





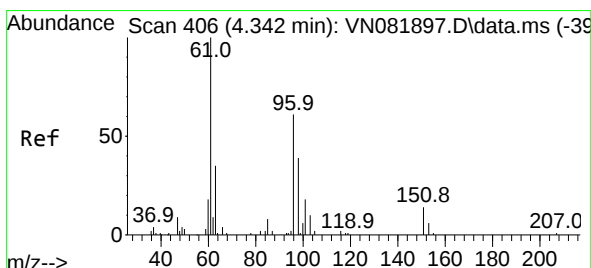
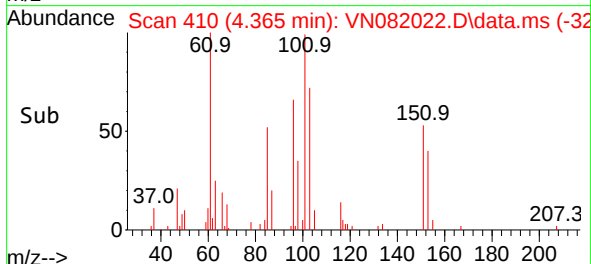
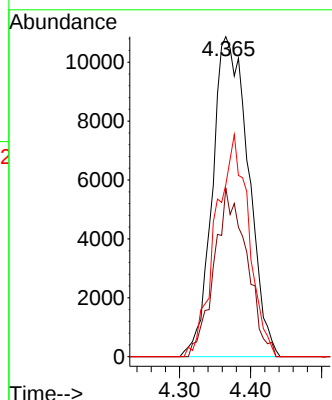
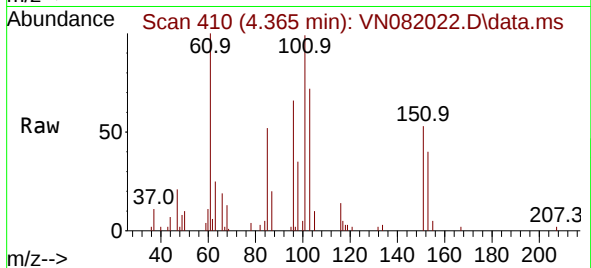
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1,1,2-Trichlorotrifluoroethane
Concen: 19.088 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 38109
Ion Ratio Lower Upper
101 100
85 47.8 0.0 90.6
151 59.8 0.0 157.6

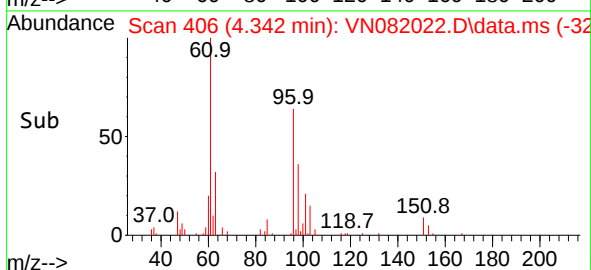
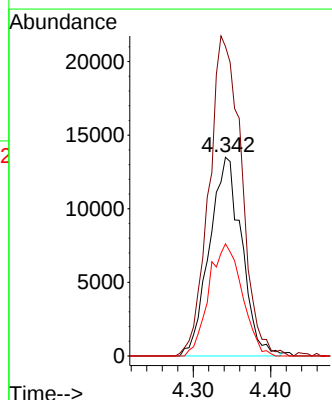
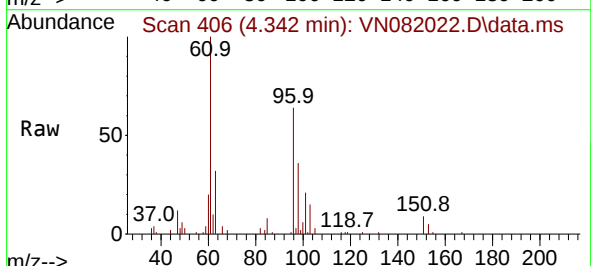
Manual Integrations
APPROVED

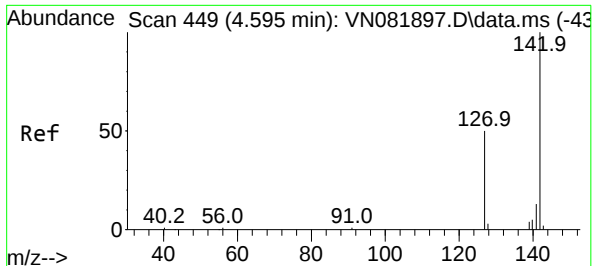
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#10
1,1-Dichloroethene
Concen: 19.989 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

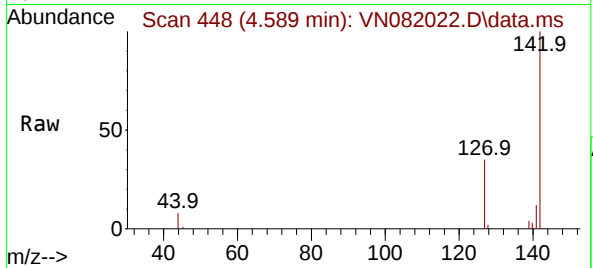
Tgt Ion: 96 Resp: 39043
Ion Ratio Lower Upper
96 100
61 154.4 117.6 176.4
98 56.5 48.4 72.6





#11
Methyl Iodide
Concen: 17.867 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

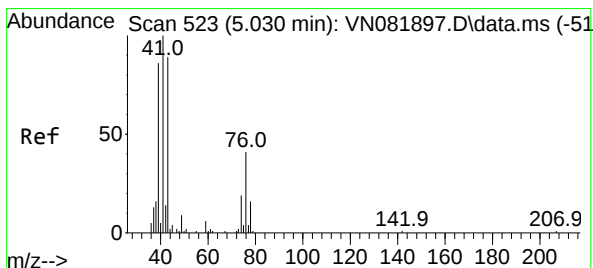
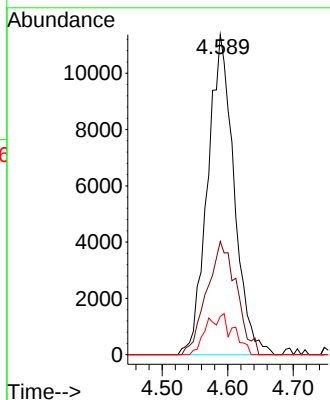
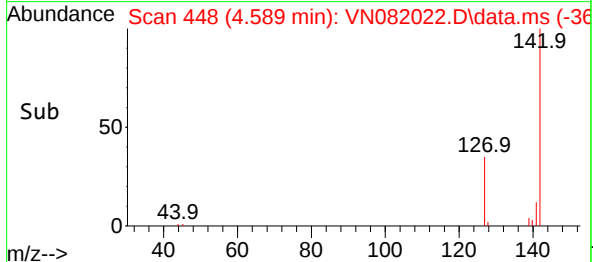
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 31894
Ion Ratio Lower Upper
142 100
127 35.4 26.3 78.9
141 12.0 8.3 24.9

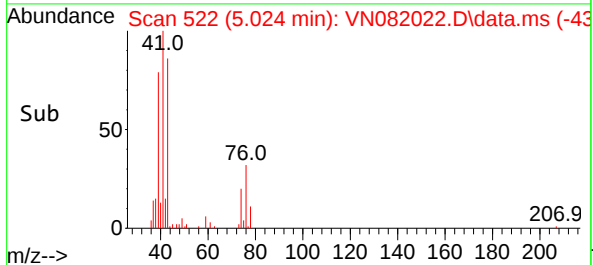
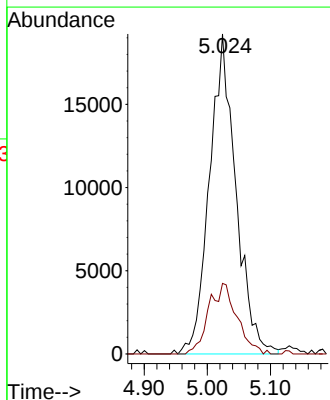
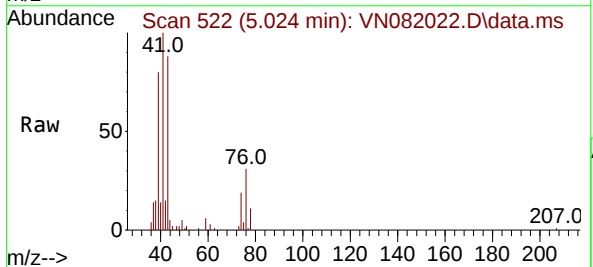
Manual Integrations
APPROVED

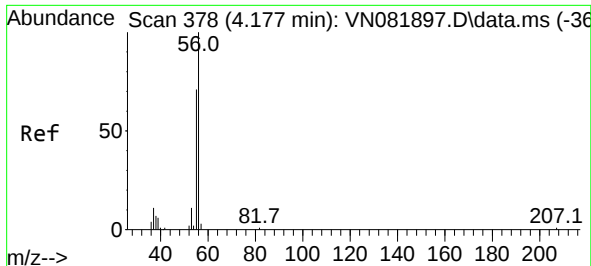
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#12
Methyl Acetate
Concen: 22.848 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 43 Resp: 55881
Ion Ratio Lower Upper
43 100
74 22.2 27.7 41.5#





#13

Acrolein

Concen: 74.145 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 3854

Ion Ratio Lower Upper

56 100

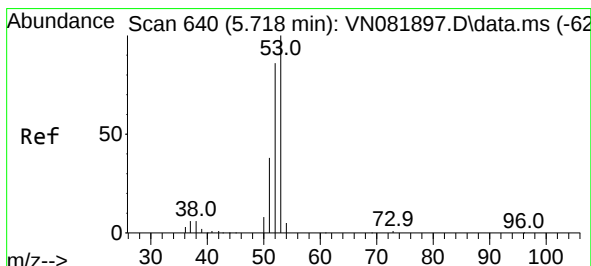
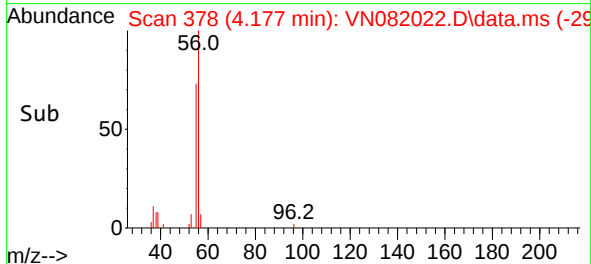
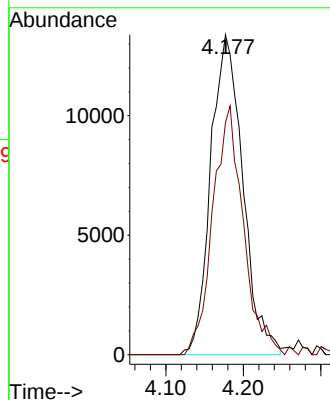
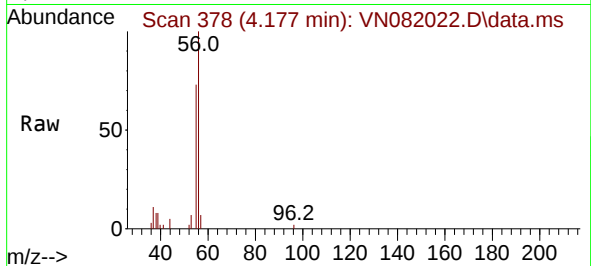
55 73.8 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#14

Acrylonitrile

Concen: 107.484 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

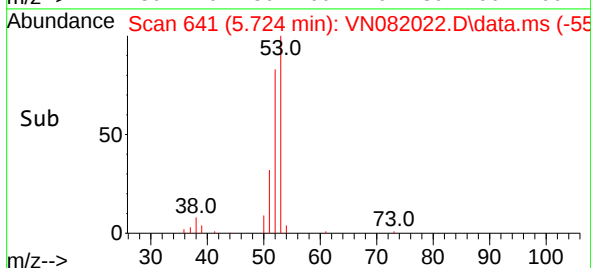
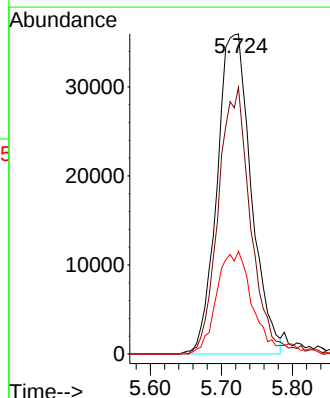
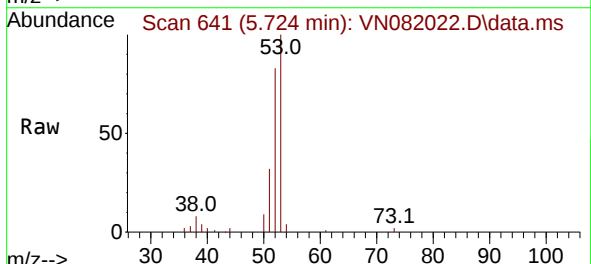
Tgt Ion: 53 Resp: 119979

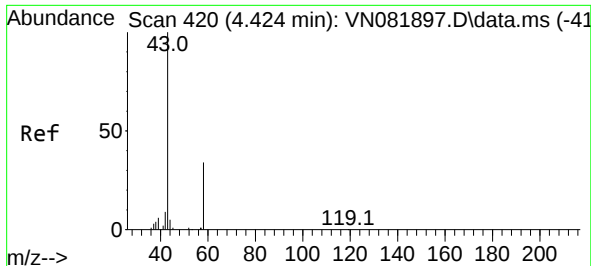
Ion Ratio Lower Upper

53 100

52 78.3 41.3 123.9

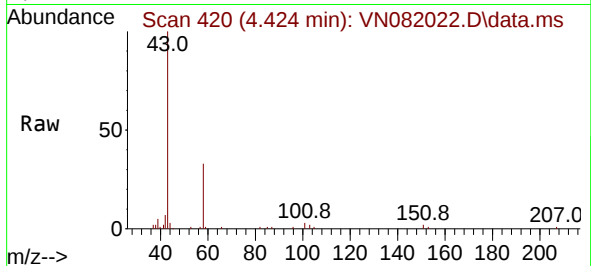
51 17.7 16.8 50.3





#15
Acetone
Concen: 114.071 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

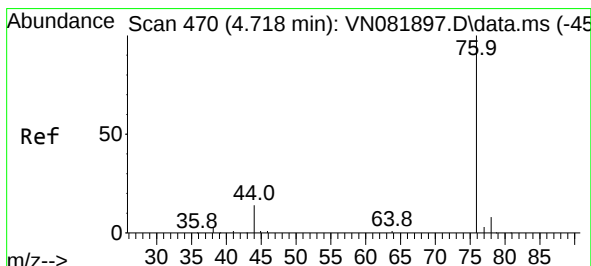
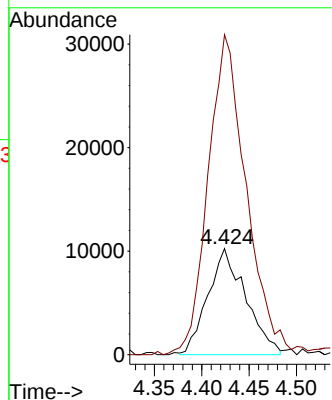
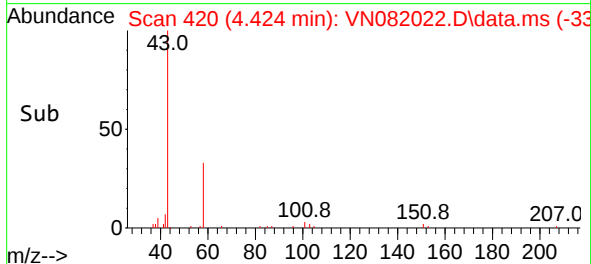
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 2853
Ion Ratio Lower Upper
58 100
43 299.4 223.1 334.7

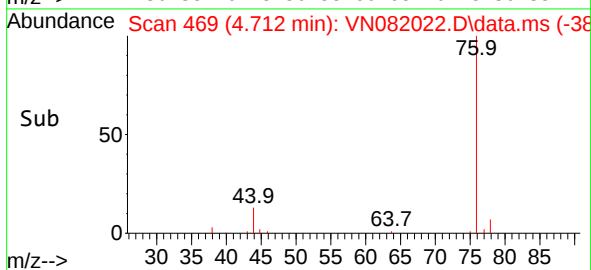
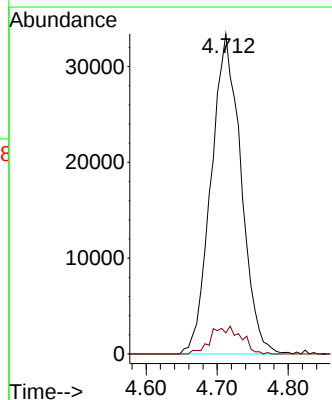
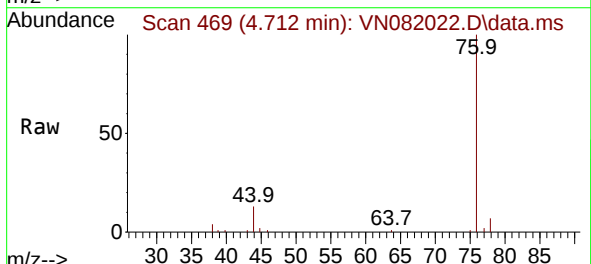
Manual Integrations
APPROVED

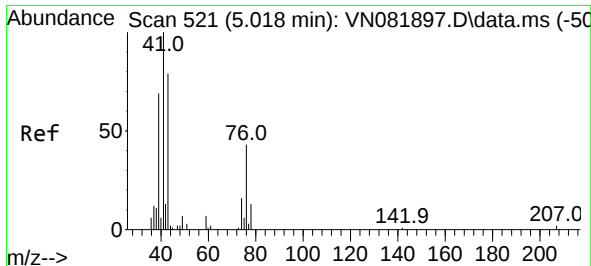
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#16
Carbon Disulfide
Concen: 18.020 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

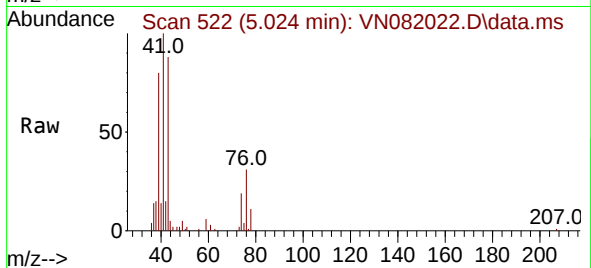
Tgt Ion: 76 Resp: 97517
Ion Ratio Lower Upper
76 100
78 6.6 6.3 9.5





#17
 Allyl chloride
 Concen: 20.989 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN082022.D
 Acq: 07 May 2024 16:28

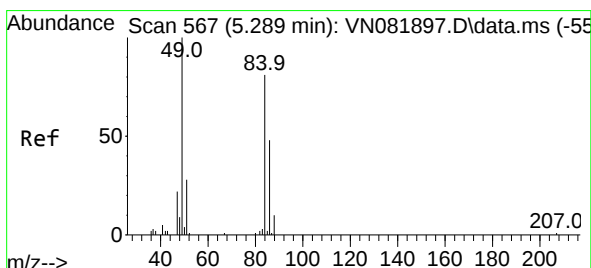
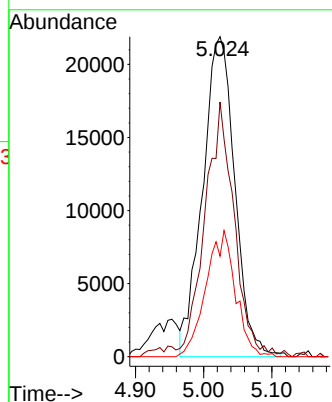
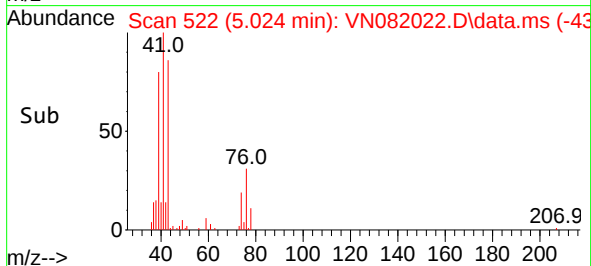
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 71978
 Ion Ratio Lower Upper
 41 100
 39 79.5 37.6 112.9
 76 31.8 27.8 83.4

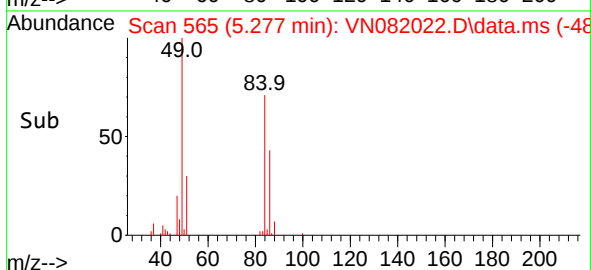
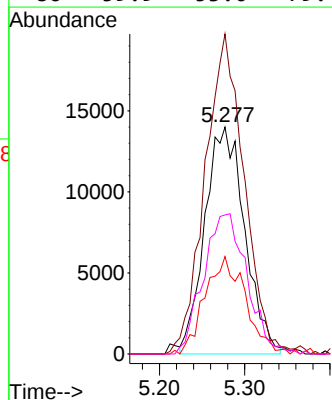
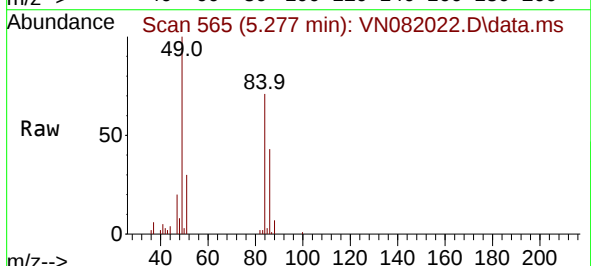
Manual Integrations
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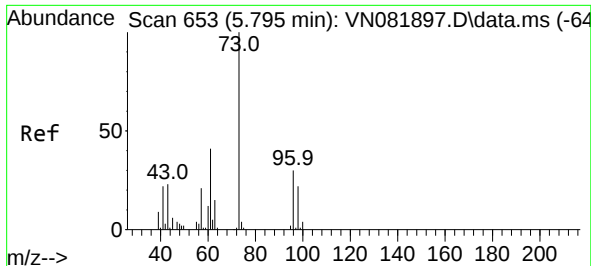
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#18
 Methylene Chloride
 Concen: 20.464 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN082022.D
 Acq: 07 May 2024 16:28

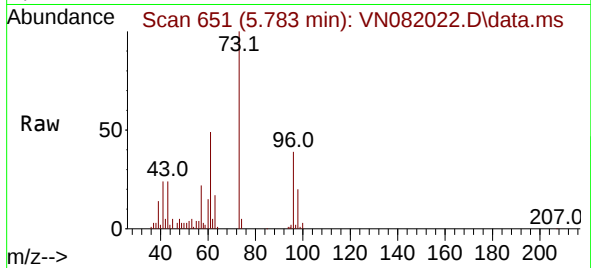
Tgt Ion: 84 Resp: 45481
 Ion Ratio Lower Upper
 84 100
 49 141.8 86.0 129.0#
 51 44.2 30.0 45.0
 86 59.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.620 ug/l m
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

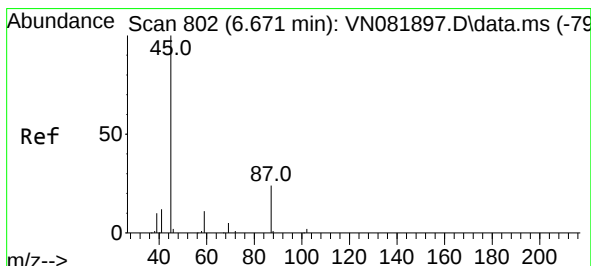
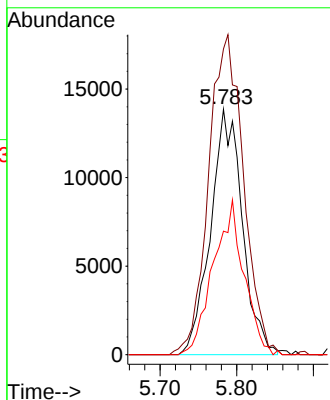
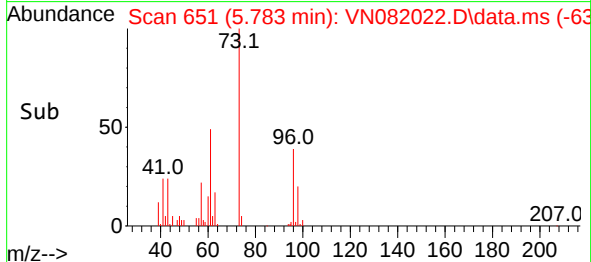
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 3989
Ion Ratio Lower Upper
96 100
61 124.6 111.8 167.6
98 50.3 49.2 73.8

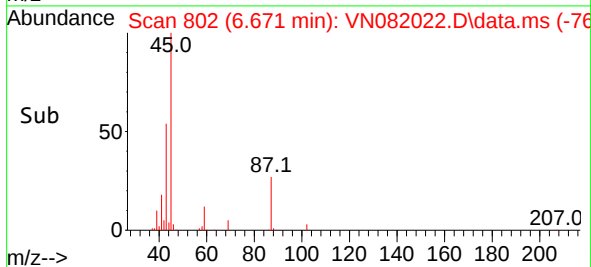
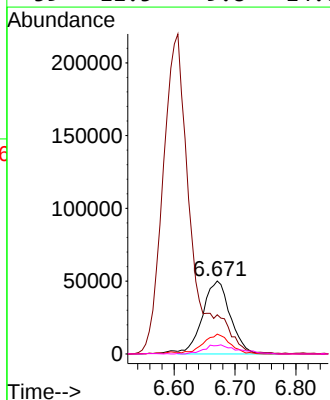
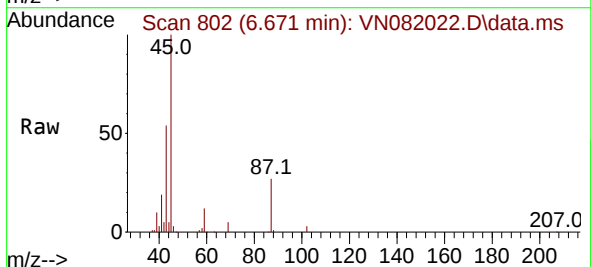
Manual Integrations
APPROVED

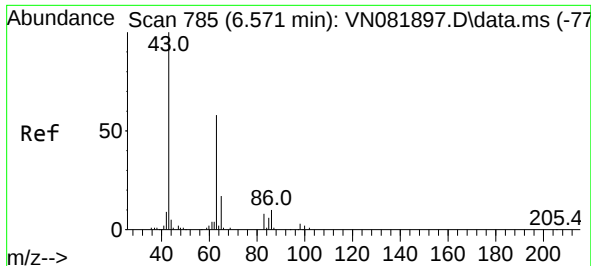
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#20
Diisopropyl ether
Concen: 20.747 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 45 Resp: 157415
Ion Ratio Lower Upper
45 100
43 52.8 40.4 60.6
87 27.2 23.8 35.8
59 11.5 9.8 14.6





#21

1,1-Dichloroethane

Concen: 21.527 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

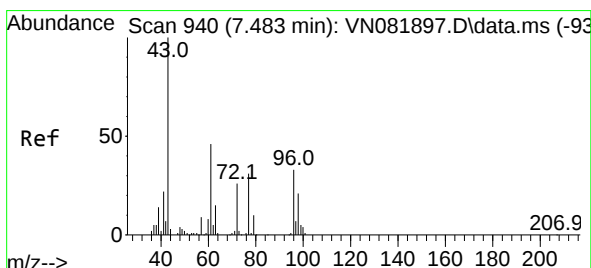
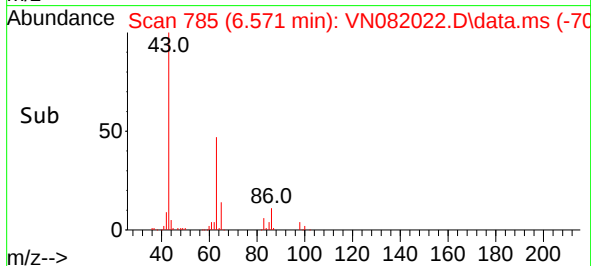
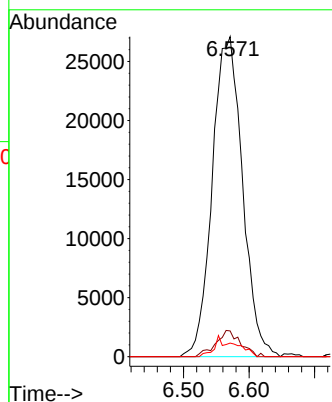
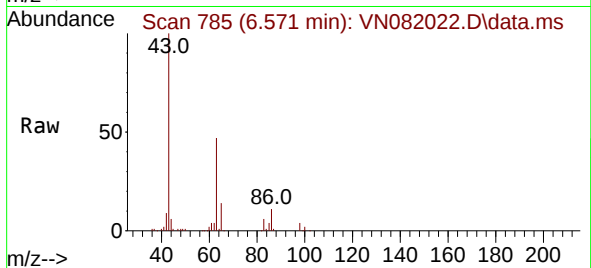
Tgt Ion:	63	Resp:	8648
Ion Ratio	Lower	Upper	
63	100		
98	8.0	4.1	12.3
100	4.2	3.0	9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#22

cis-1,2-Dichloroethene

Concen: 21.023 ug/l

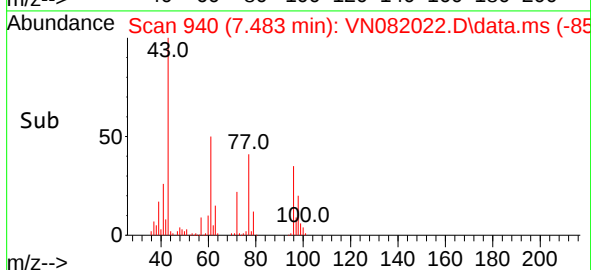
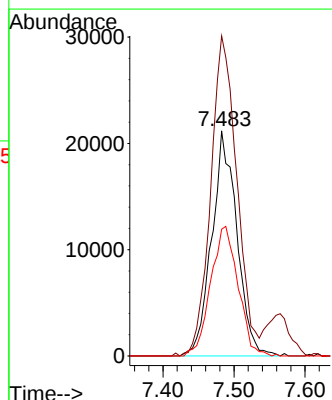
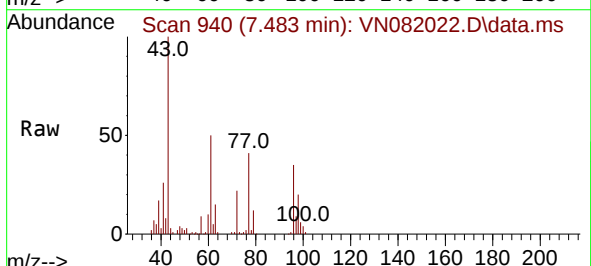
RT: 7.483 min Scan# 940

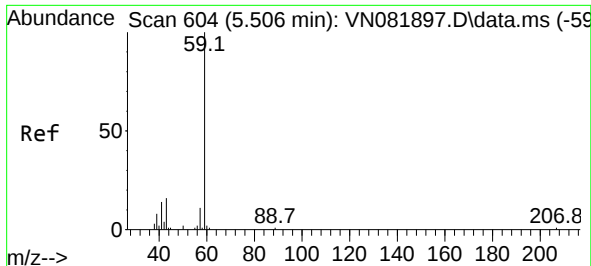
Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

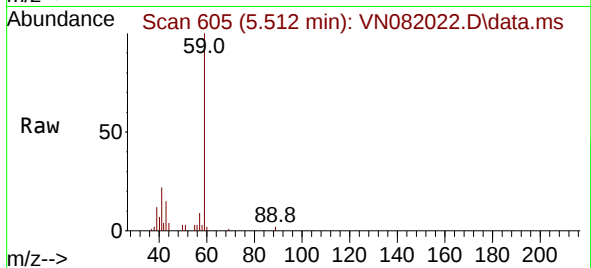
Tgt Ion:	96	Resp:	52086
Ion Ratio	Lower	Upper	
96	100		
61	147.8	113.5	170.3
98	62.7	52.0	78.0





#23
tert-Butyl Alcohol
Concen: 96.496 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

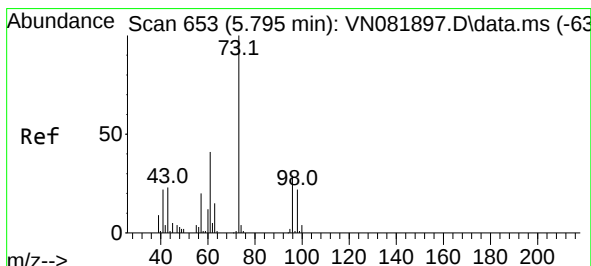
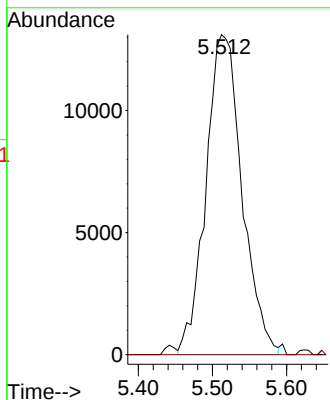
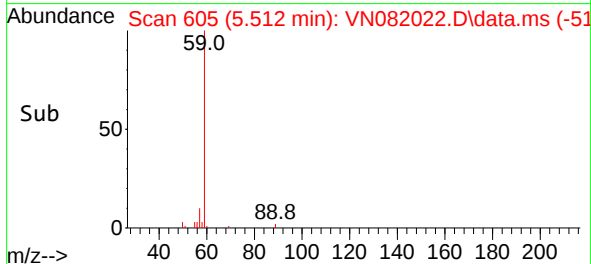
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 44368
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

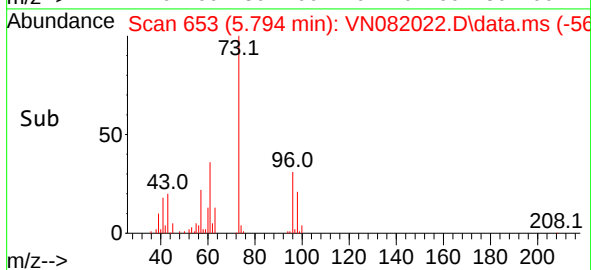
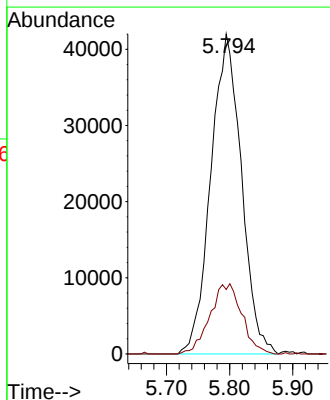
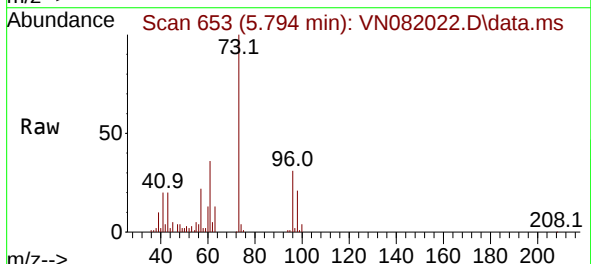
Manual Integrations
APPROVED

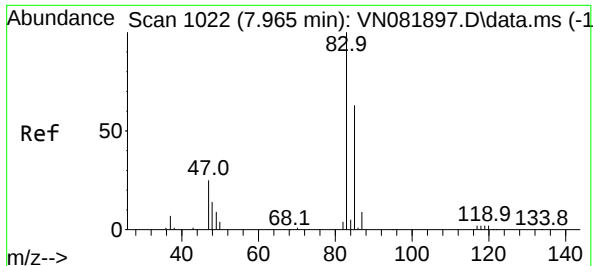
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#24
Methyl tert-Butyl Ether
Concen: 20.063 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 73 Resp: 141285
Ion Ratio Lower Upper
73 100
43 12.7 13.4 20.2#





#25

Chloroform

Concen: 20.449 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 79040

Ion Ratio Lower Upper

83 100

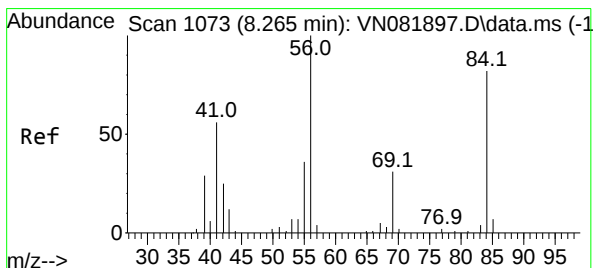
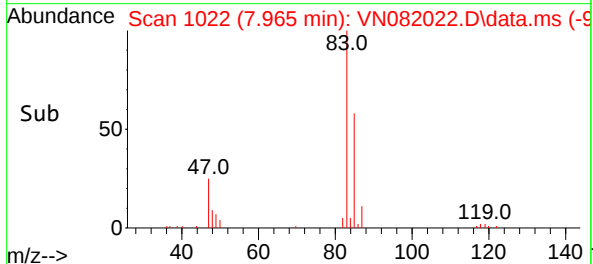
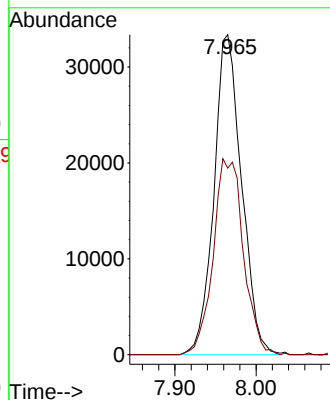
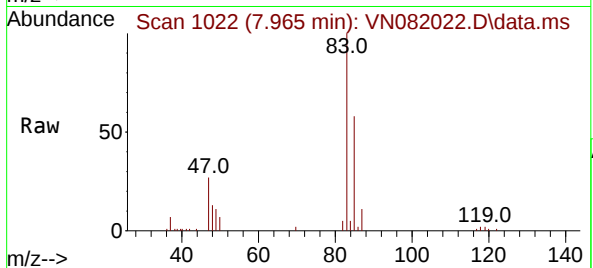
85 58.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#26

Cyclohexane

Concen: 19.813 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

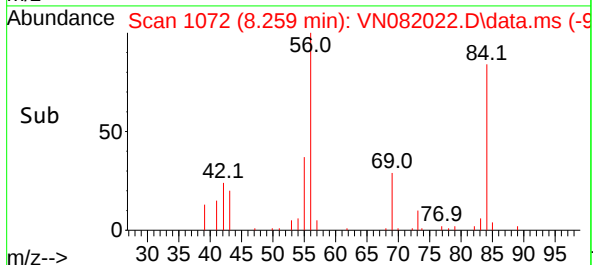
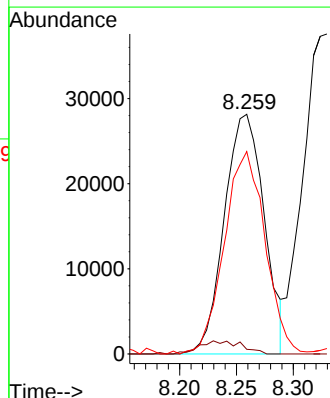
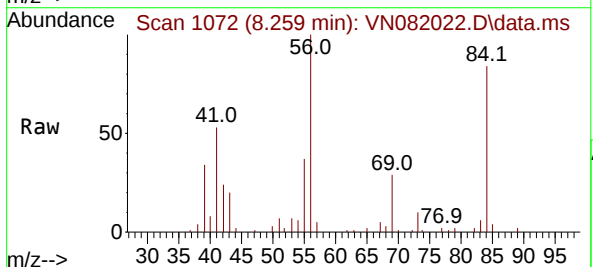
Tgt Ion: 56 Resp: 68833

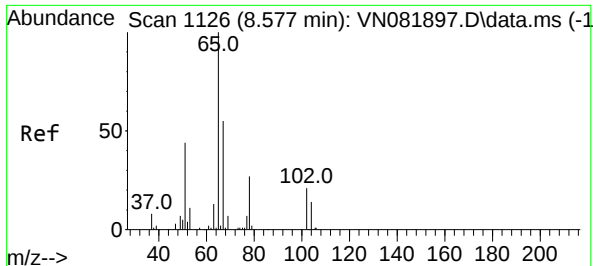
Ion Ratio Lower Upper

56 100

89 5.5 19.3 28.9#

84 86.2 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.917 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

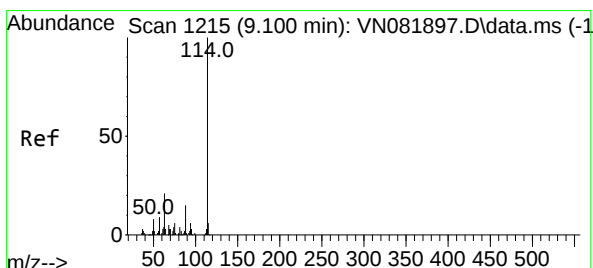
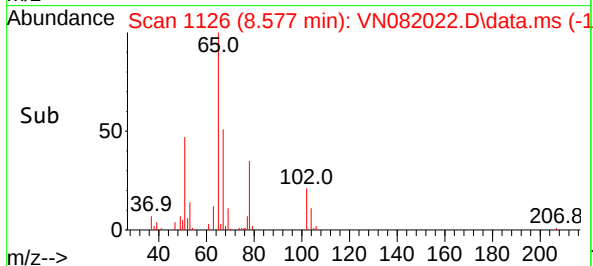
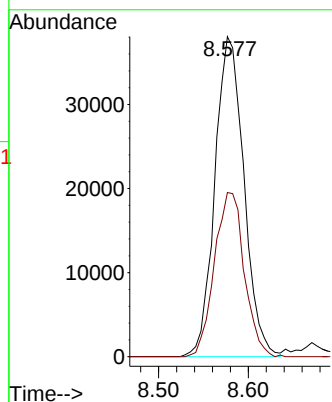
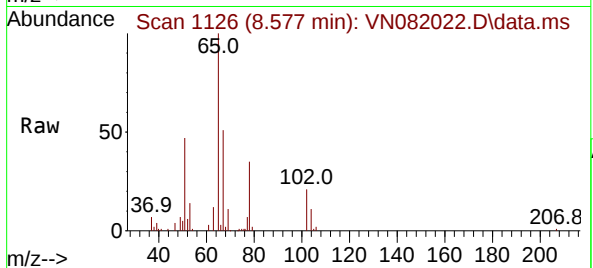
VSTDCCC020EC

Tgt Ion: 65 Resp: 8552
Ion Ratio Lower Upper
65 100
67 52.6 43.2 64.8

Manual Integrations

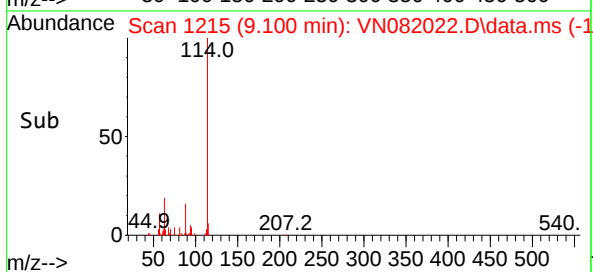
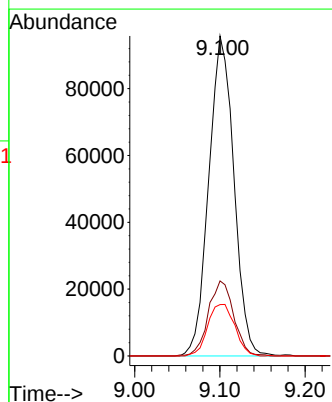
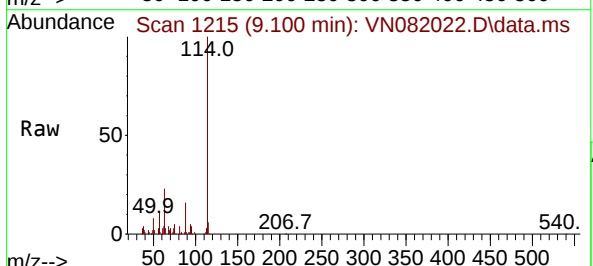
APPROVED

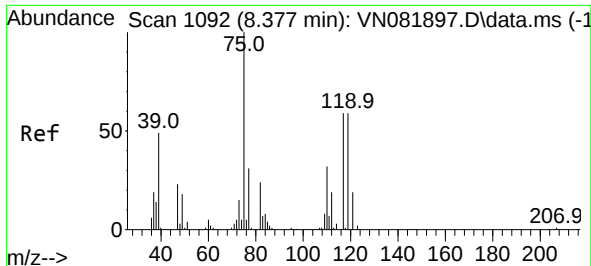
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion:114 Resp: 196238
Ion Ratio Lower Upper
114 100
63 23.7 15.9 23.9
88 17.3 12.7 19.1





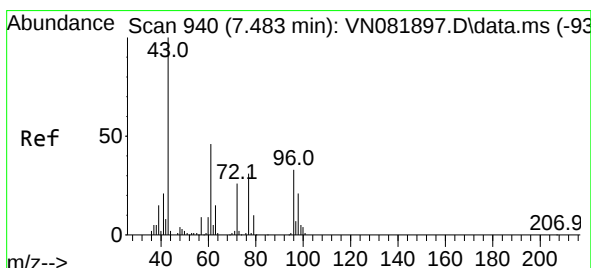
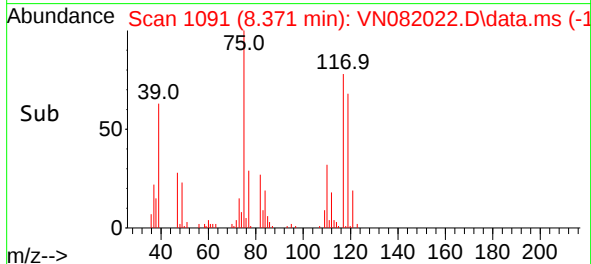
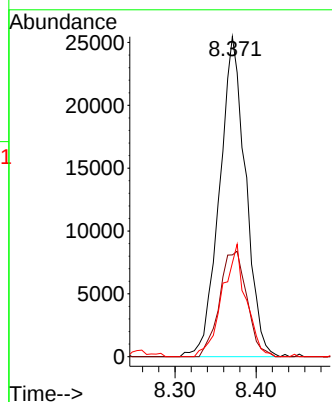
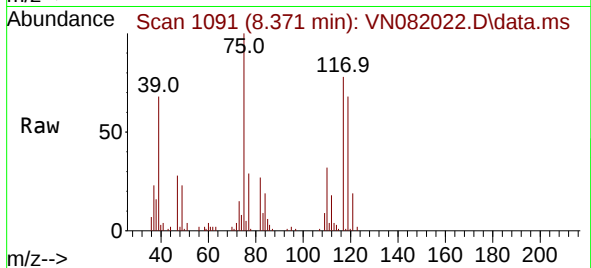
#29
1,1-Dichloropropene
Concen: 19.513 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75	Resp: 57000
Ion Ratio	Lower Upper
75 100	
110 34.5	0.0 70.2
77 31.9	0.0 61.4

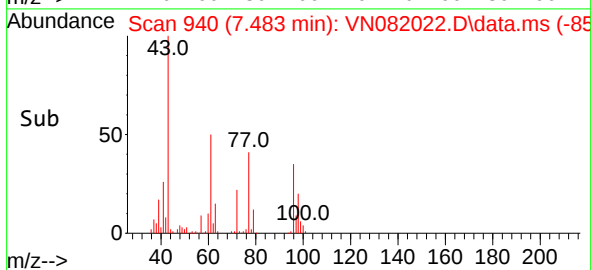
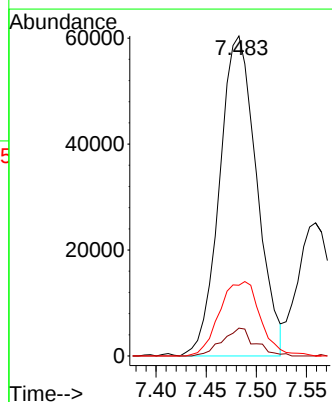
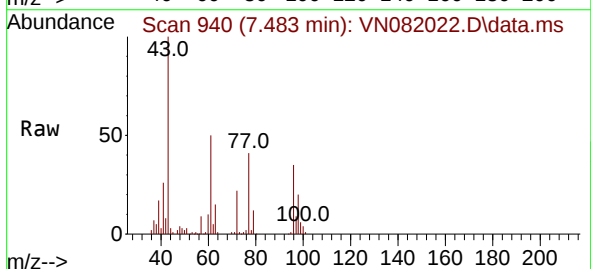
Manual Integrations
APPROVED

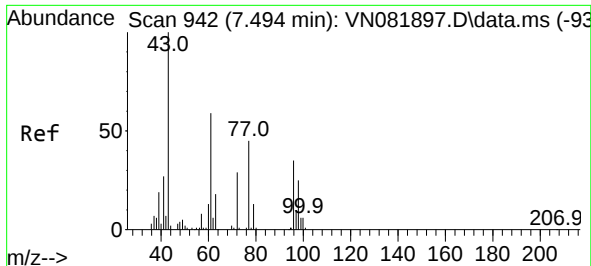
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#30
2-Butanone
Concen: 103.278 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 43	Resp: 155532
Ion Ratio	Lower Upper
43 100	
57 6.1	6.7 10.1#
72 25.6	24.0 36.0





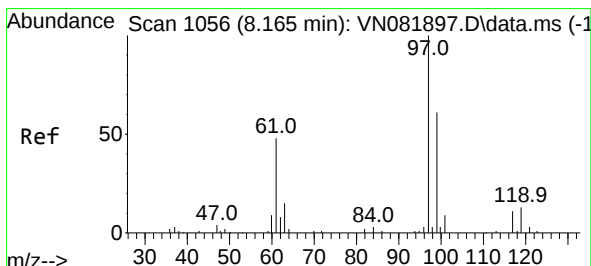
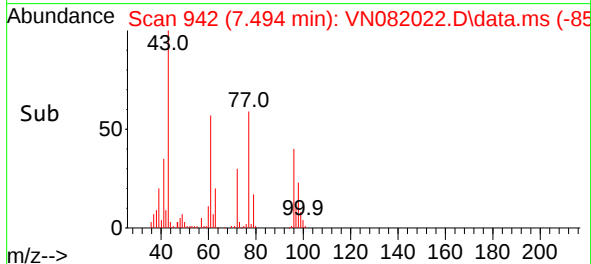
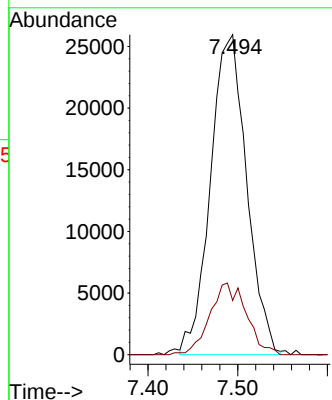
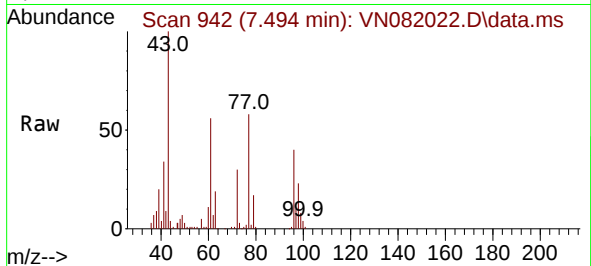
#31
2,2-Dichloropropane
Concen: 24.301 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 72750
Ion Ratio Lower Upper
77 100
97 22.4 18.3 27.5

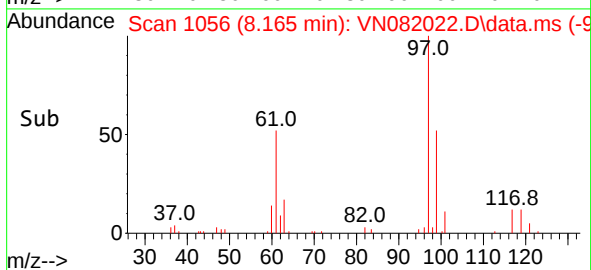
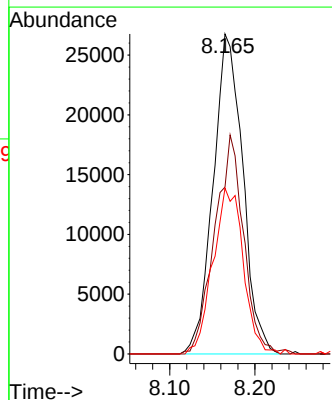
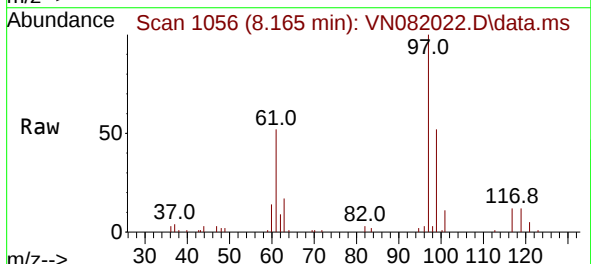
Manual Integrations
APPROVED

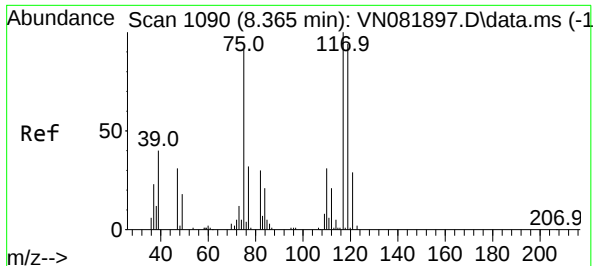
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#32
1,1,1-Trichloroethane
Concen: 19.207 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

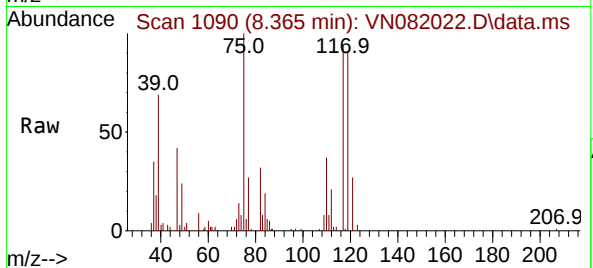
Tgt Ion: 97 Resp: 64537
Ion Ratio Lower Upper
97 100
99 66.5 51.0 76.4
61 53.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.956 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

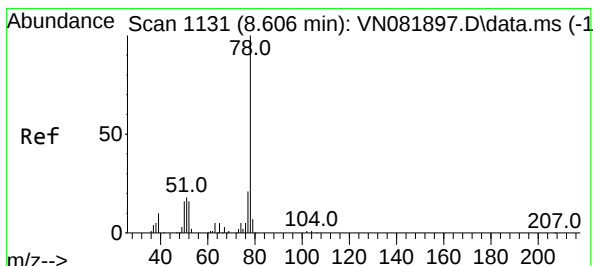
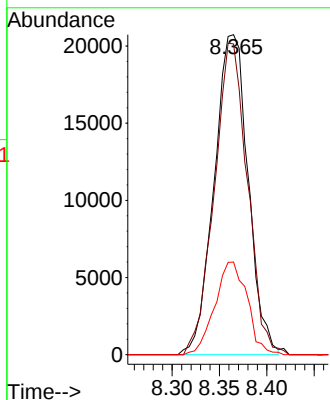
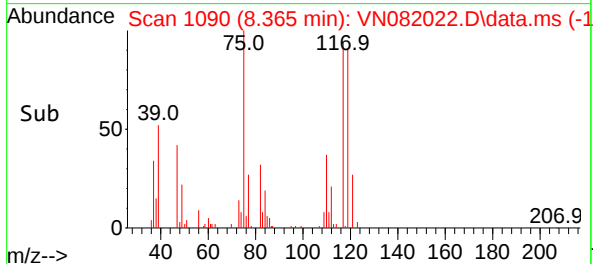
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 5169
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5
121 29.0 27.0 40.6

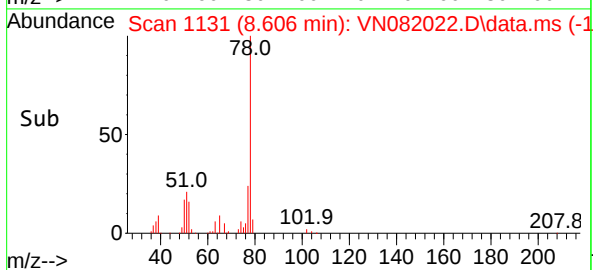
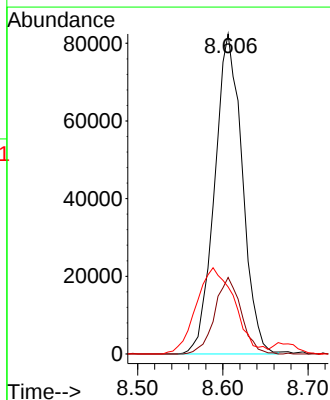
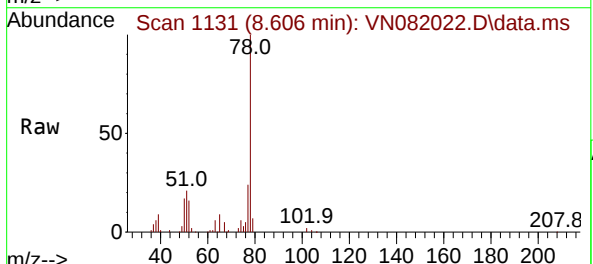
Manual Integrations
APPROVED

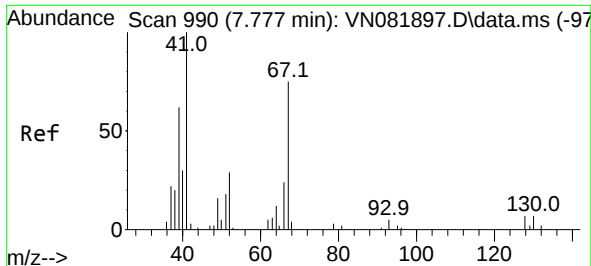
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#34
Benzene
Concen: 19.912 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

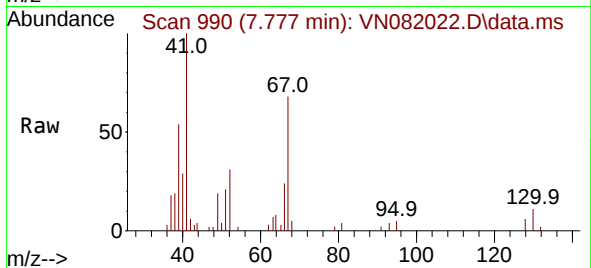
Tgt Ion: 78 Resp: 185586
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 18.6 13.3 19.9





#35
Methacrylonitrile
Concen: 17.749 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

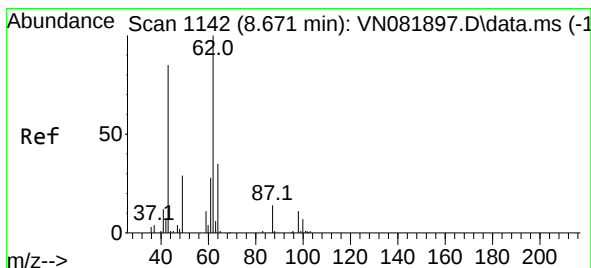
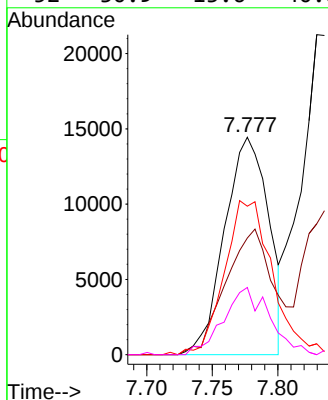
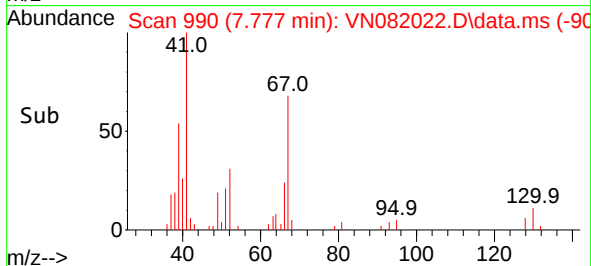
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	3381
Ion Ratio	Lower	Upper	
41	100		
39	53.6	25.3	75.9
67	68.3	38.7	116.1
52	30.9	13.6	40.8

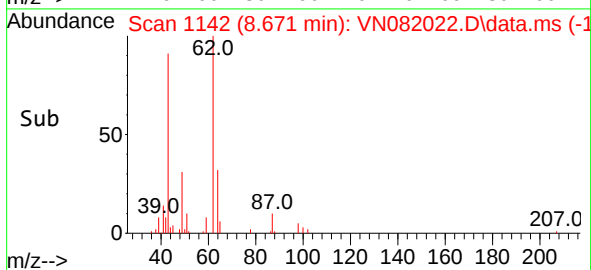
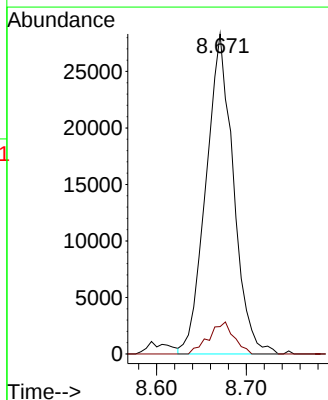
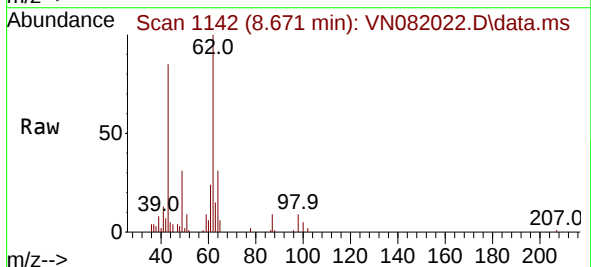
Manual Integrations
APPROVED

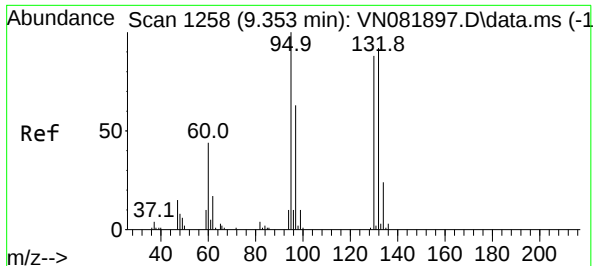
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#36
1,2-Dichloroethane
Concen: 19.188 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion:	62	Resp:	60034
Ion Ratio	Lower	Upper	
62	100		
98	9.1	8.2	12.4





#37

Trichloroethene

Concen: 16.373 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 3737

Ion Ratio Lower Upper

130 100

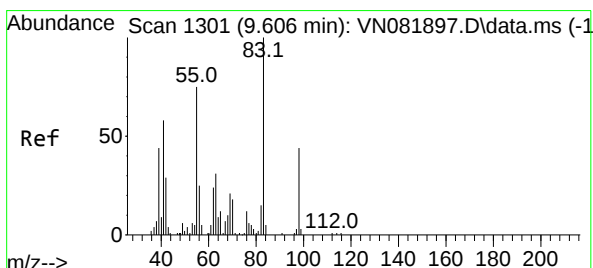
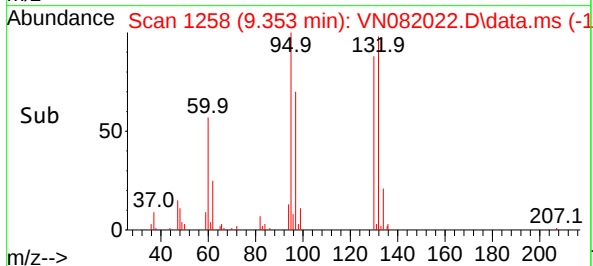
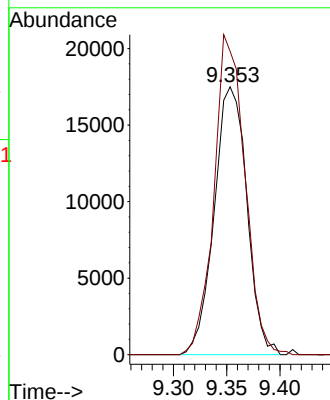
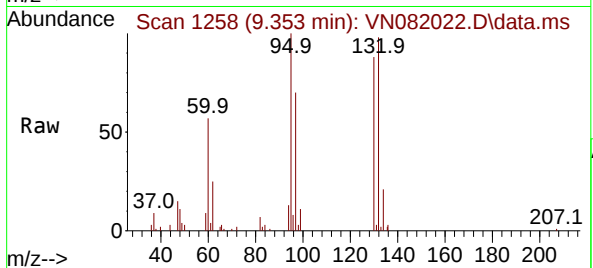
95 113.3 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#38

Methylcyclohexane

Concen: 20.258 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

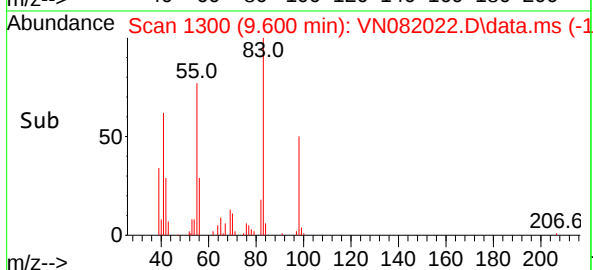
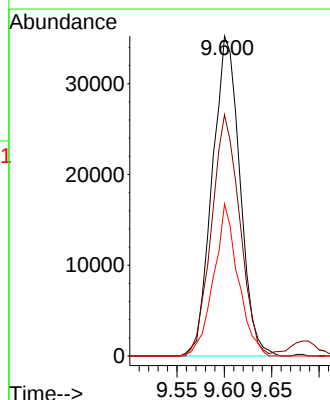
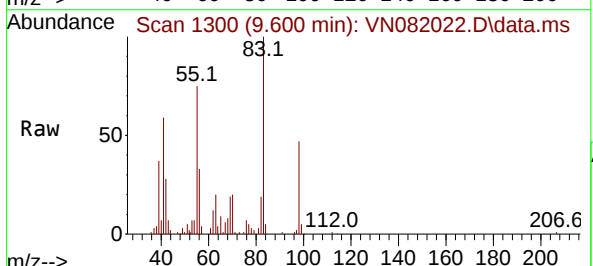
Tgt Ion: 83 Resp: 71497

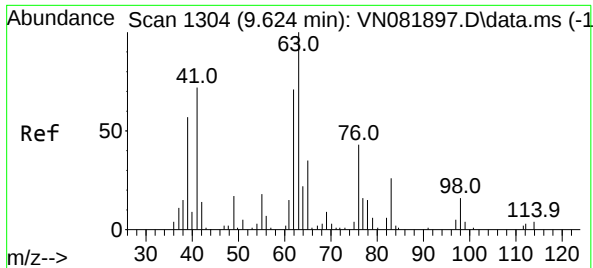
Ion Ratio Lower Upper

83 100

55 77.0 36.6 109.9

98 42.3 23.8 71.5





#39
1,2-Dichloropropane
Concen: 20.900 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

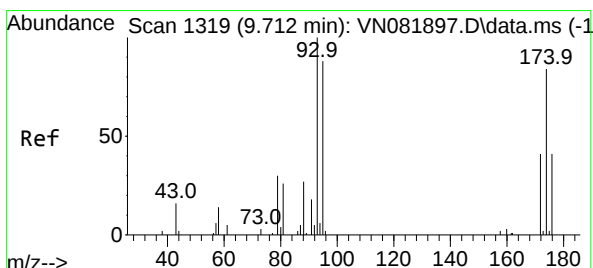
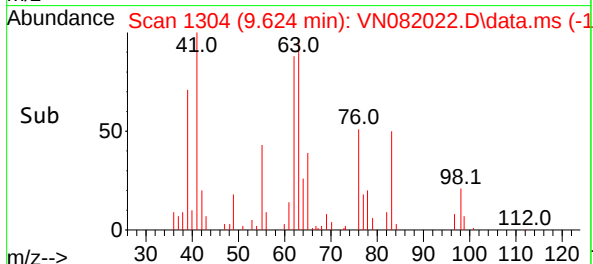
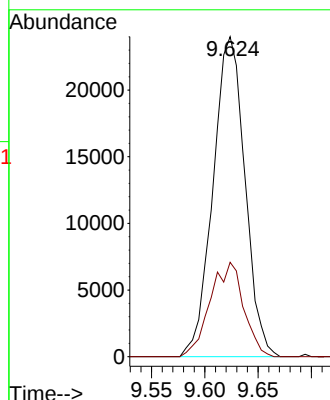
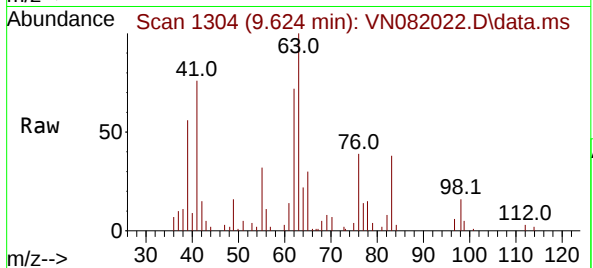
Tgt Ion: 63 Resp: 4998
Ion Ratio Lower Upper
63 100
65 29.5 25.0 37.4

Manual Integrations

APPROVED

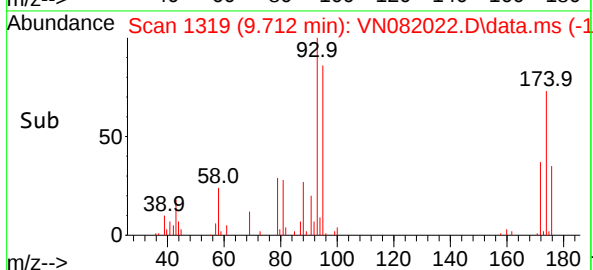
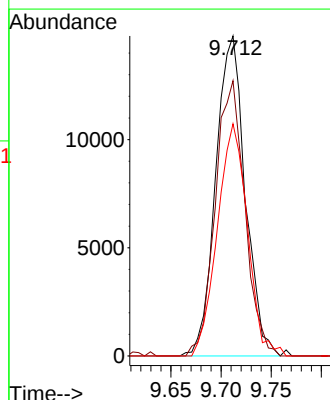
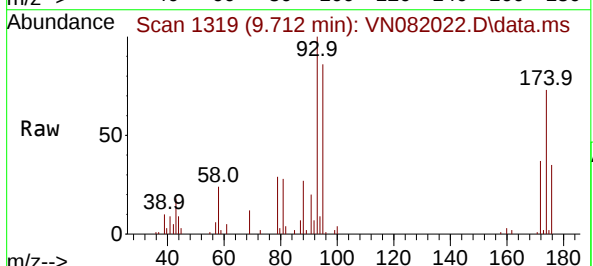
Reviewed By :John Carlone 05/08/2024

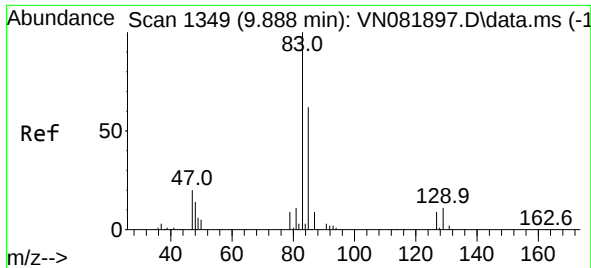
Supervised By :Mahesh Dadoda 05/08/2024



#40
Dibromomethane
Concen: 19.702 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 93 Resp: 30269
Ion Ratio Lower Upper
93 100
95 86.1 0.0 164.6
174 74.0 0.0 193.2





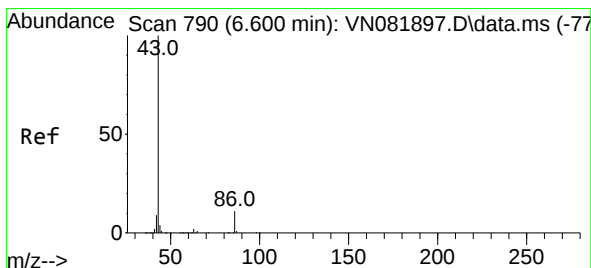
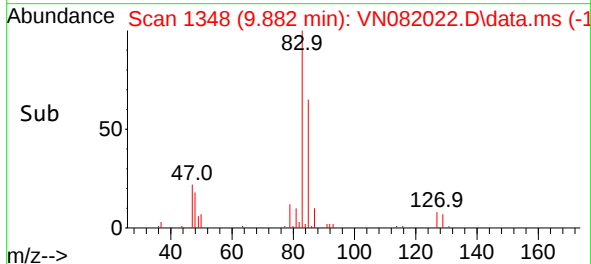
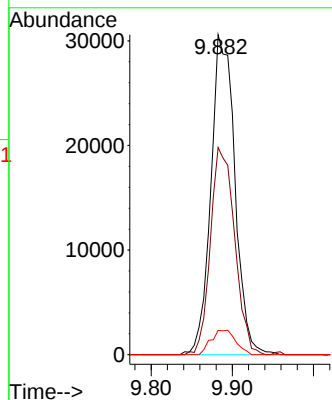
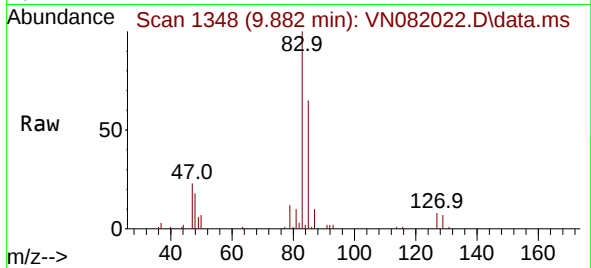
#41
Bromodichloromethane
Concen: 19.122 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6279
Ion Ratio Lower Upper
83 100
85 64.7 49.4 74.2
127 7.6 7.3 10.9

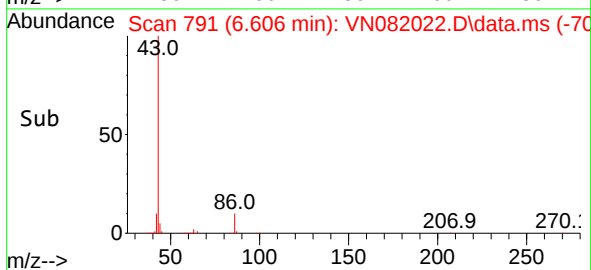
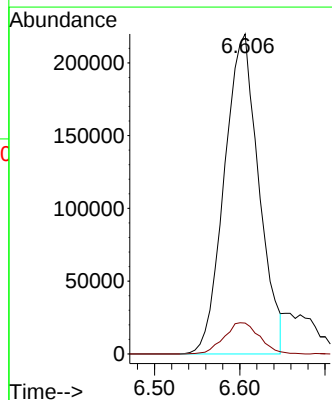
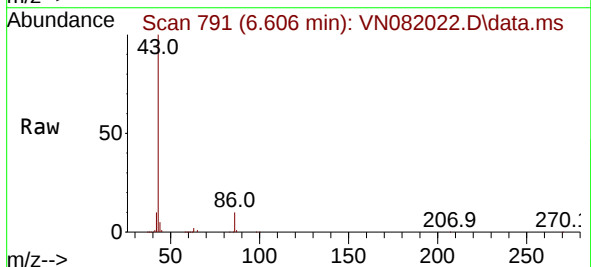
Manual Integrations
APPROVED

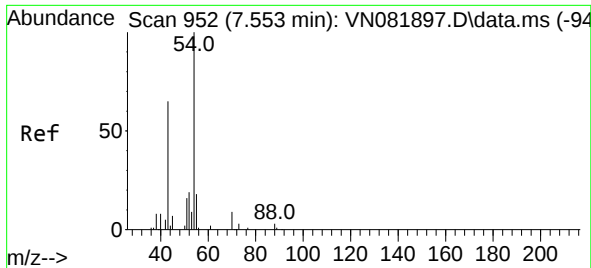
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#42
Vinyl Acetate
Concen: 96.448 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

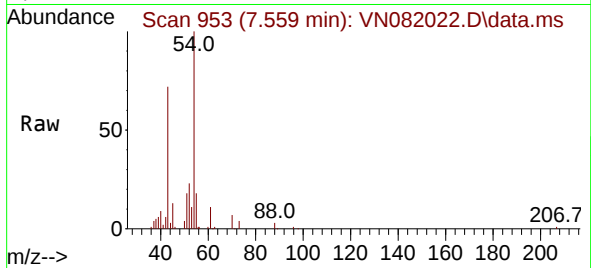
Tgt Ion: 43 Resp: 618220
Ion Ratio Lower Upper
43 100
86 10.0 9.4 14.2





#43
Ethyl Acetate
Concen: 19.684 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

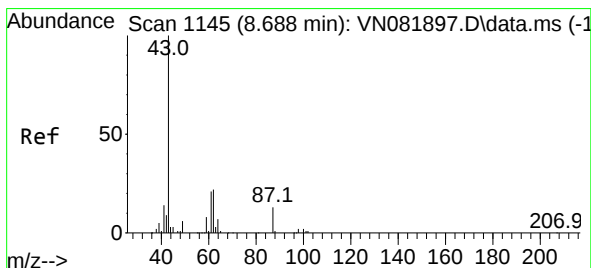
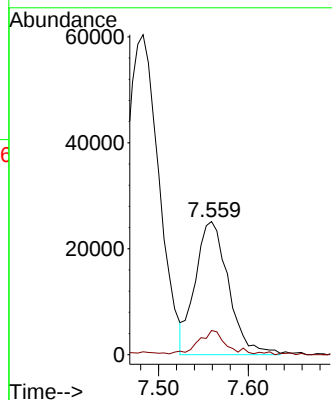
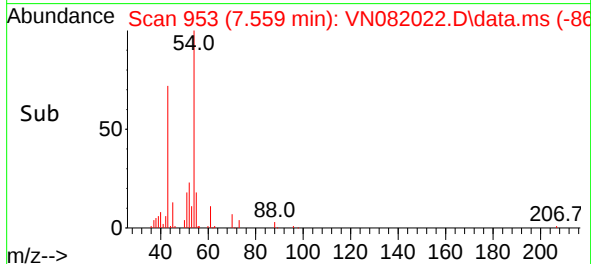
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



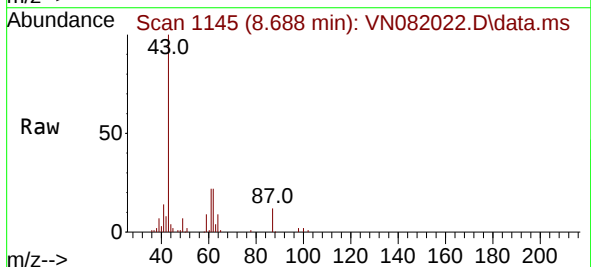
Tgt Ion: 43 Resp: 64630
Ion Ratio Lower Upper
43 100
45 13.2 10.6 15.8

Manual Integrations
APPROVED

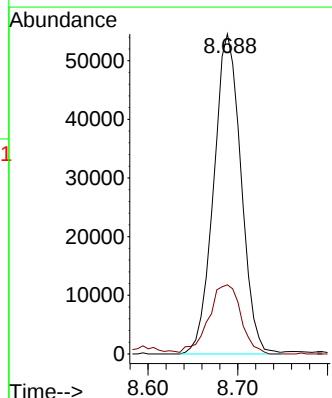
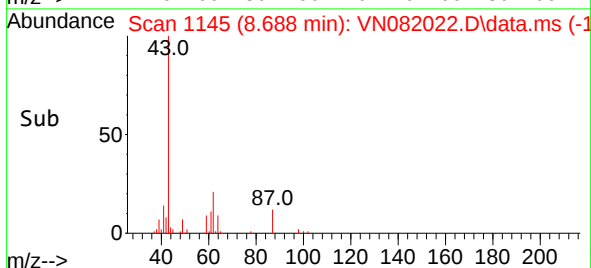
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

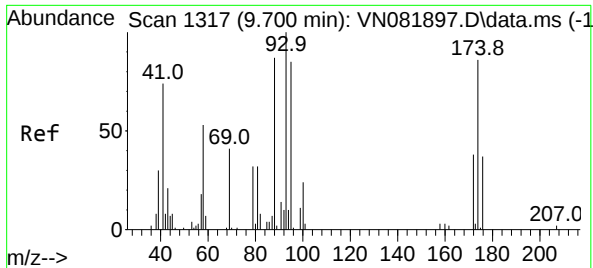


#44
Isopropyl Acetate
Concen: 19.777 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



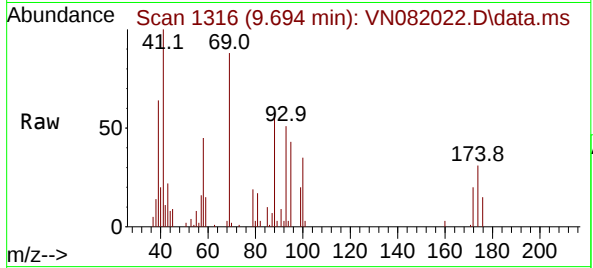
Tgt Ion: 43 Resp: 115283
Ion Ratio Lower Upper
43 100
61 25.6 25.0 37.4





#45
1,4-Dioxane
Concen: 398.750 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

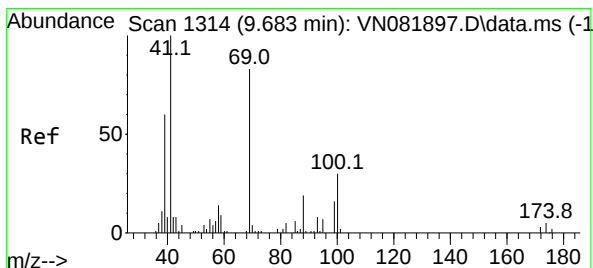
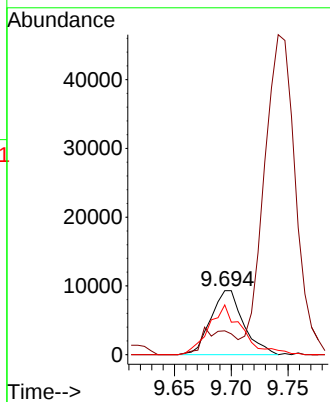
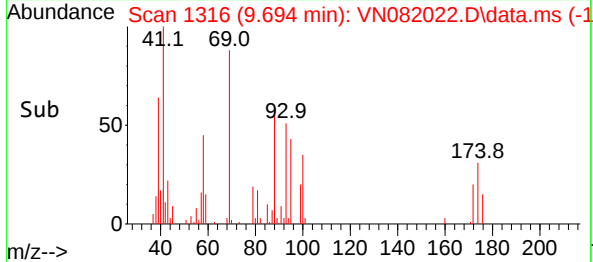
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 1864
Ion Ratio Lower Upper
88 100
43 19.5 19.8 29.6
58 75.2 55.4 83.0

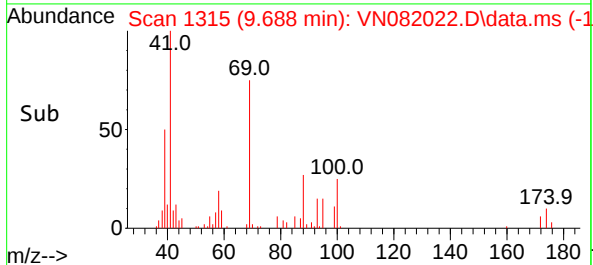
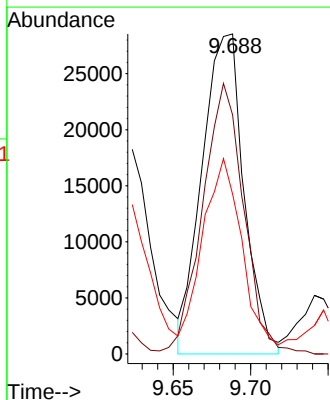
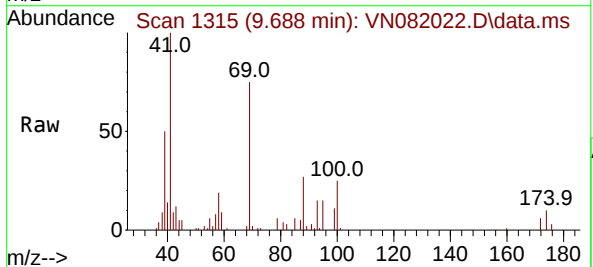
Manual Integrations
APPROVED

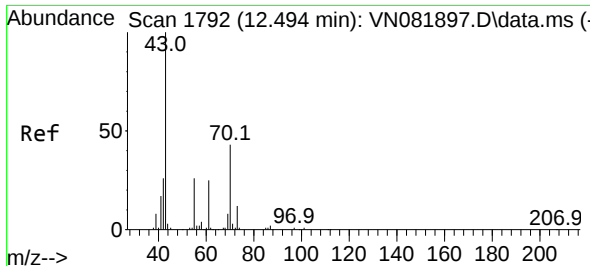
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#46
Methyl methacrylate
Concen: 20.212 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

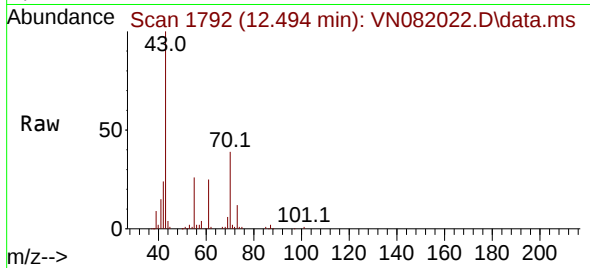
Tgt Ion: 41 Resp: 53827
Ion Ratio Lower Upper
41 100
69 75.4 51.1 153.3
39 48.9 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.367 ug/l m
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

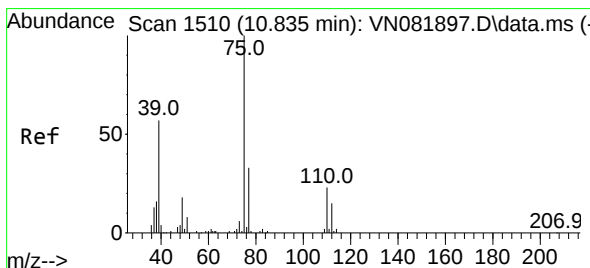
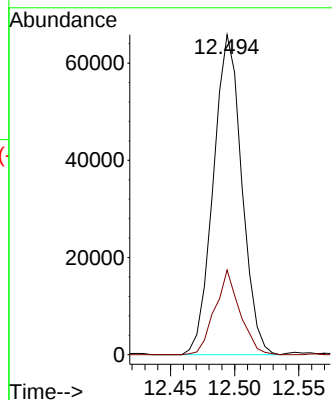
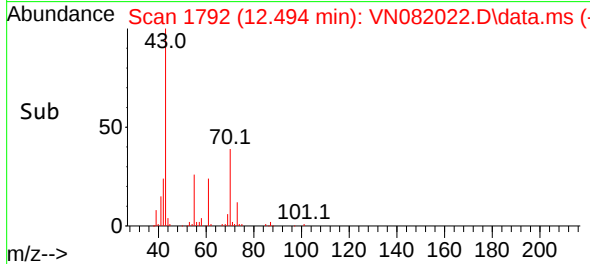
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 101825
Ion Ratio Lower Upper
43 100
55 0.3 23.4 35.25

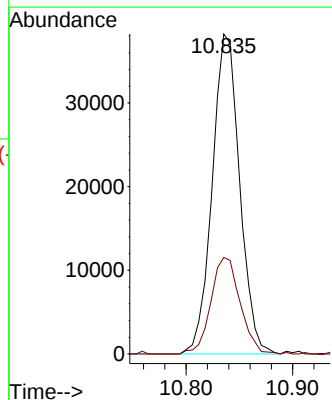
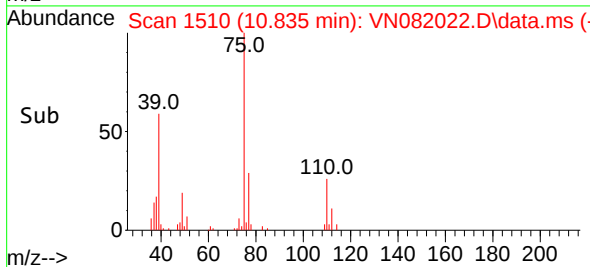
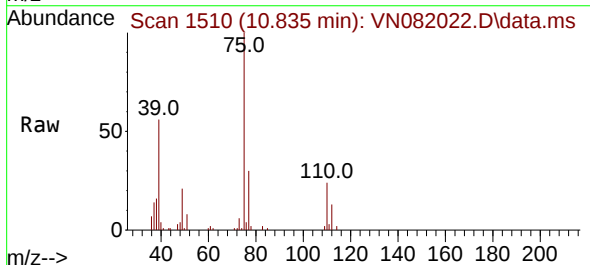
Manual Integrations
APPROVED

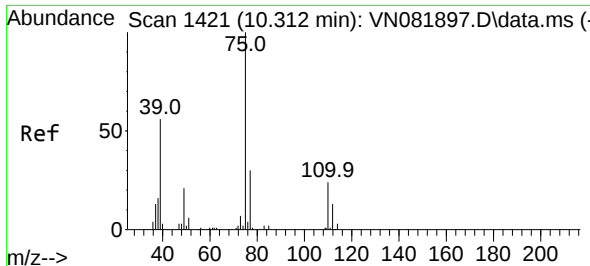
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#48
t-1,3-Dichloropropene
Concen: 19.209 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

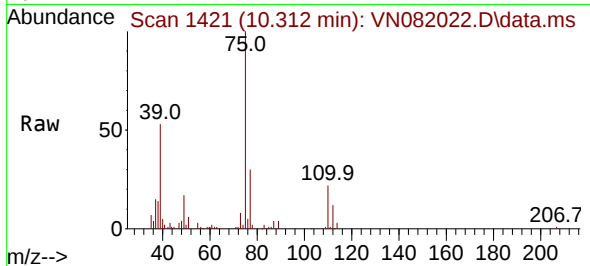
Tgt Ion: 75 Resp: 68404
Ion Ratio Lower Upper
75 100
77 30.1 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 20.230 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

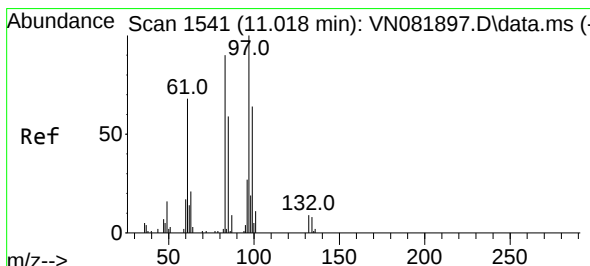
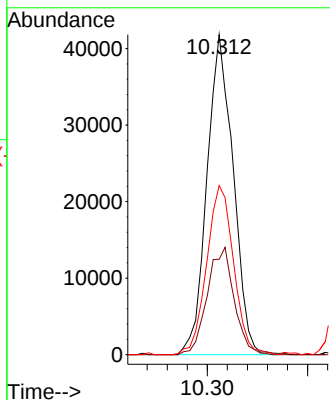
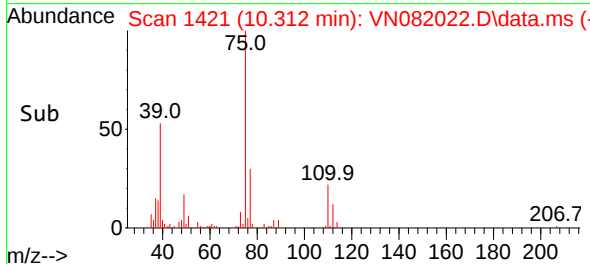
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 76164
Ion Ratio Lower Upper
75 100
77 29.8 24.9 37.3
39 52.9 31.0 46.6

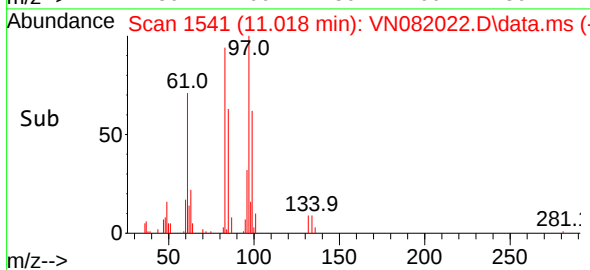
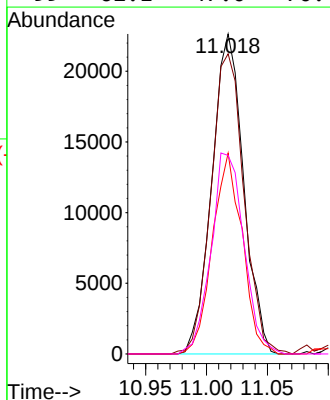
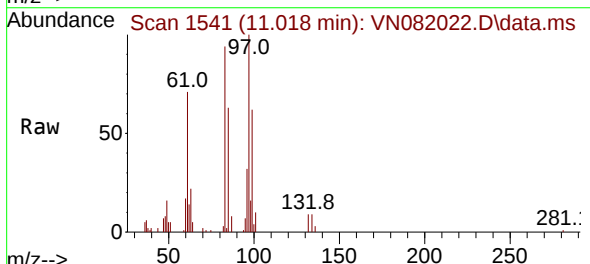
Manual Integrations
APPROVED

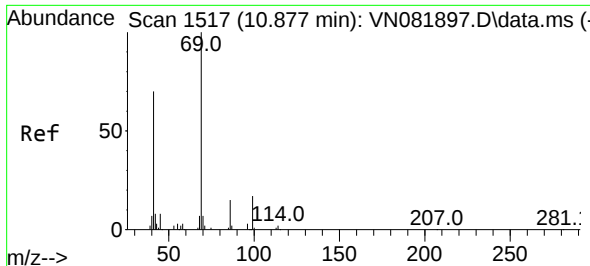
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#50
1,1,2-Trichloroethane
Concen: 19.709 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

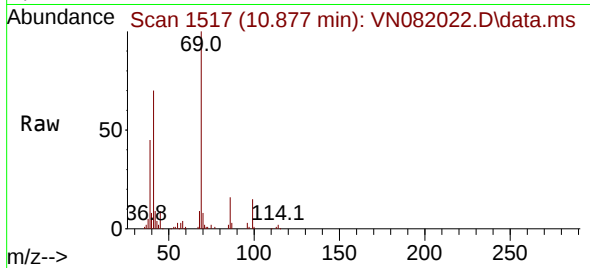
Tgt Ion: 97 Resp: 41080
Ion Ratio Lower Upper
97 100
83 92.9 68.1 102.1
85 62.7 41.8 62.6#
99 62.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.883 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

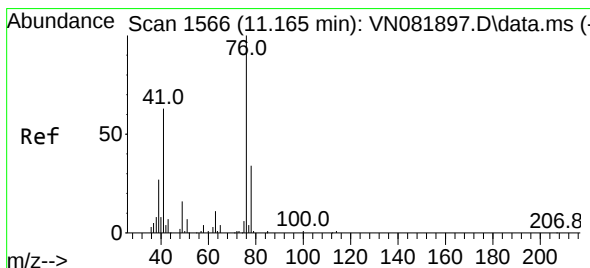
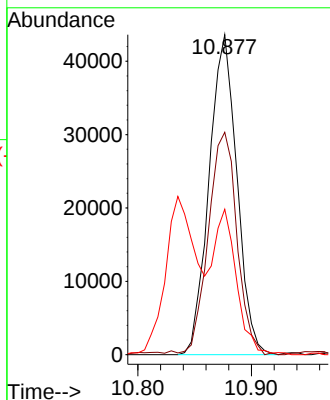
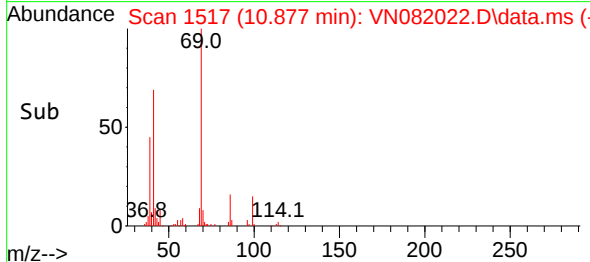
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 74285
Ion Ratio Lower Upper
69 100
41 69.5 25.5 76.5
39 44.8 16.0 47.9

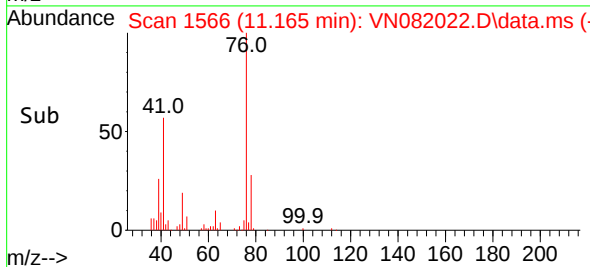
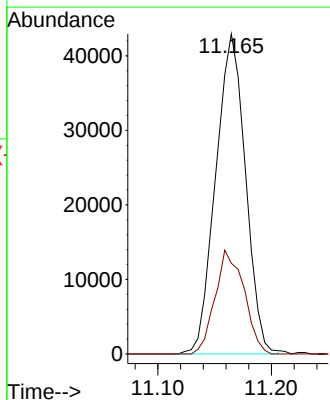
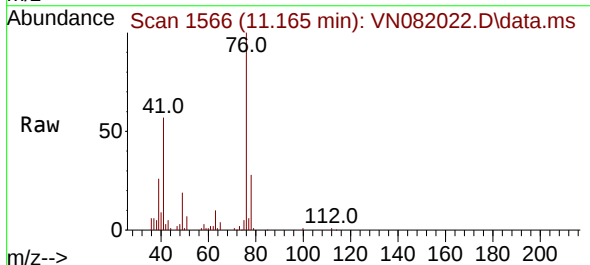
Manual Integrations
APPROVED

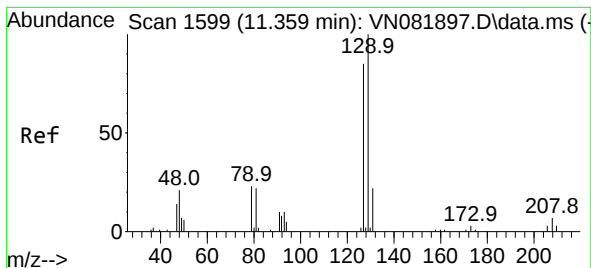
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#52
1,3-Dichloropropane
Concen: 20.426 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 76 Resp: 78220
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.8





#53

Dibromochloromethane

Concen: 19.117 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 43354

Ion Ratio Lower Upper

129 100

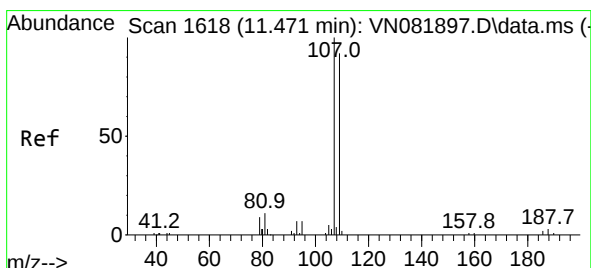
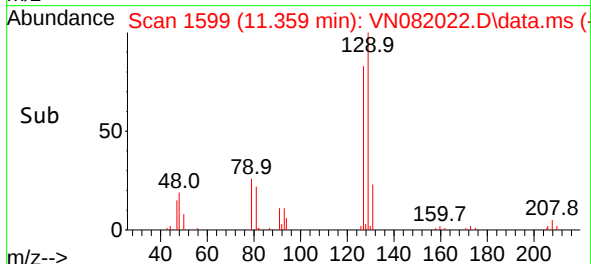
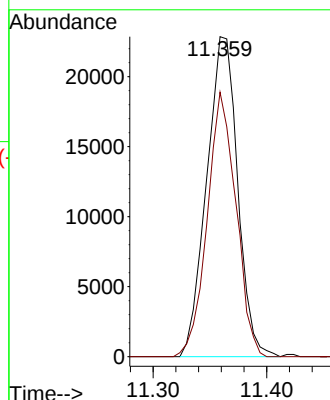
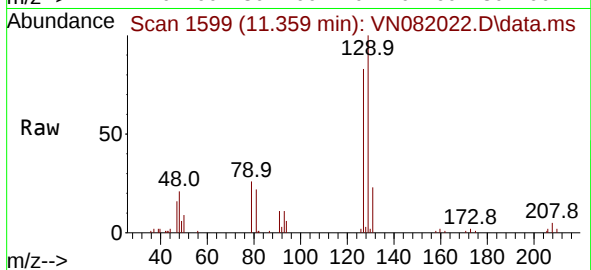
127 76.5 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#54

1,2-Dibromoethane

Concen: 19.334 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082022.D

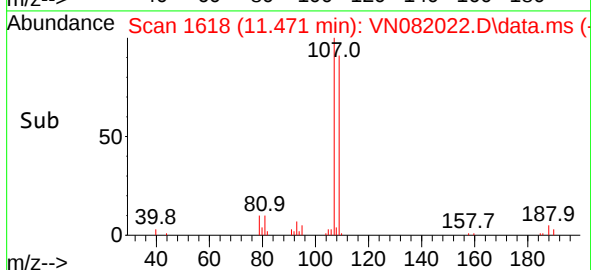
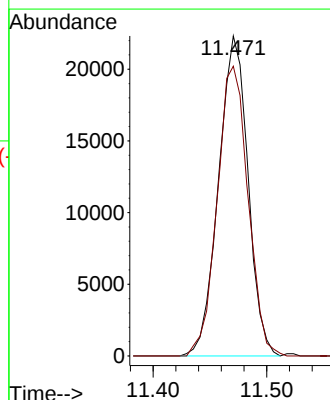
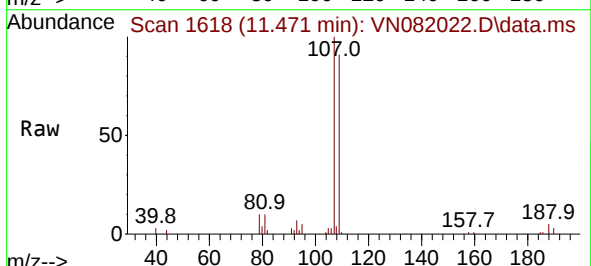
Acq: 07 May 2024 16:28

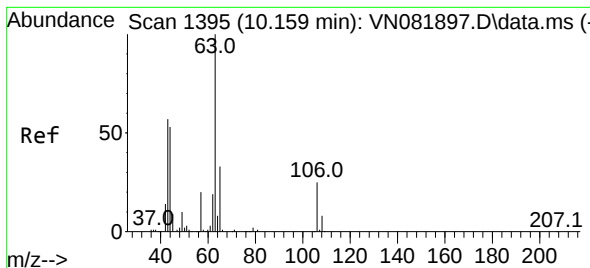
Tgt Ion:107 Resp: 40191

Ion Ratio Lower Upper

107 100

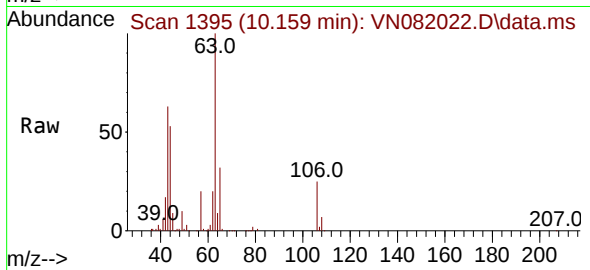
109 94.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 93.765 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

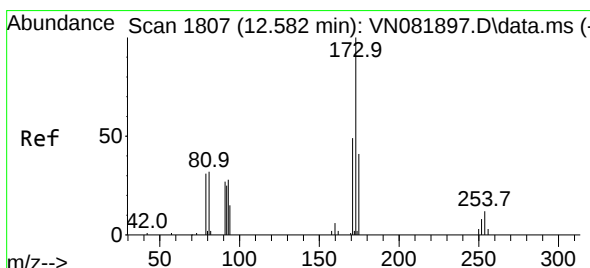
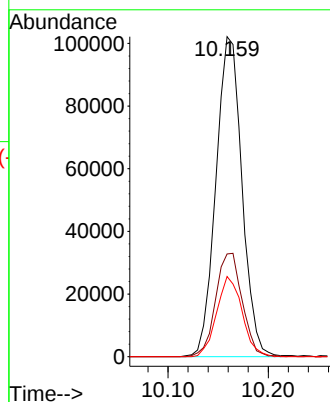
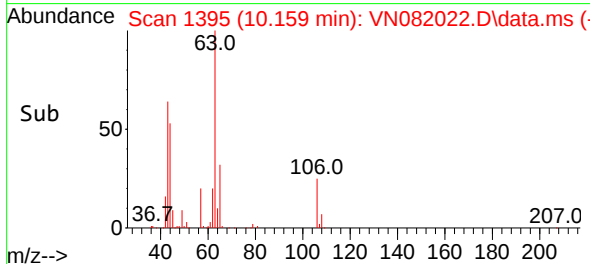
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 18445
Ion Ratio Lower Upper
63 100
65 32.8 26.2 39.2
106 24.4 23.8 35.8

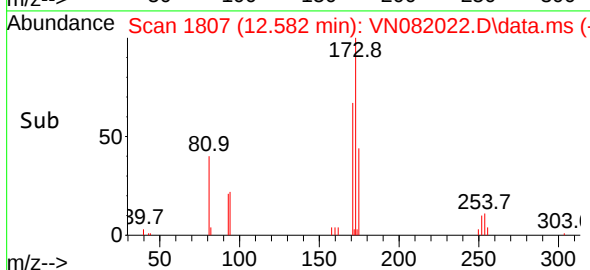
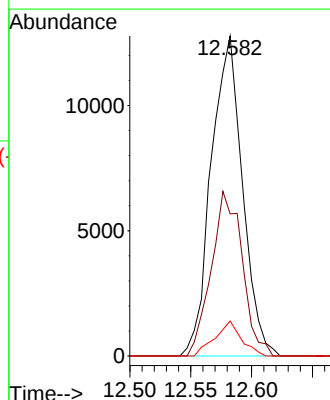
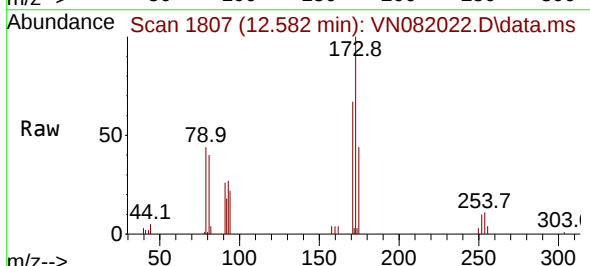
Manual Integrations
APPROVED

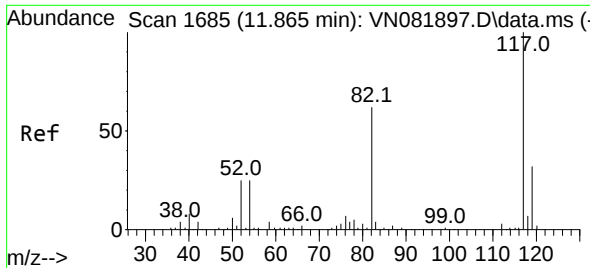
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#56
Bromoform
Concen: 16.547 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

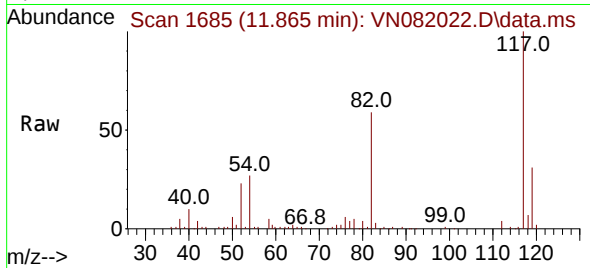
Tgt Ion:173 Resp: 22839
Ion Ratio Lower Upper
173 100
175 50.9 40.0 60.0
254 9.2 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

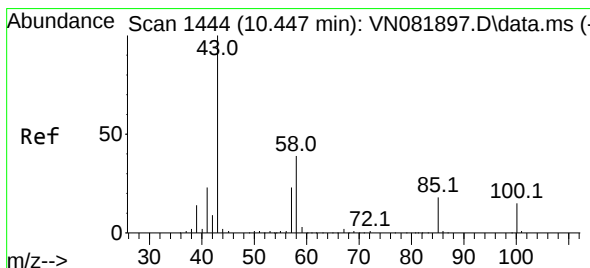
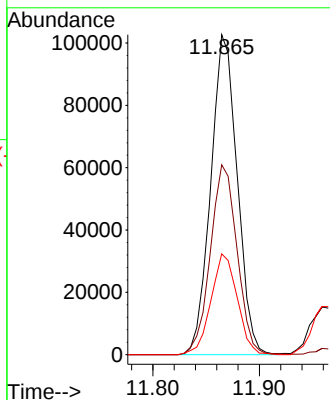
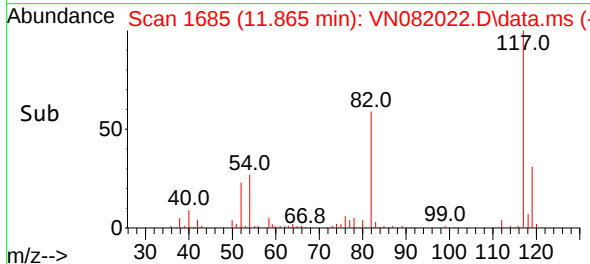
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



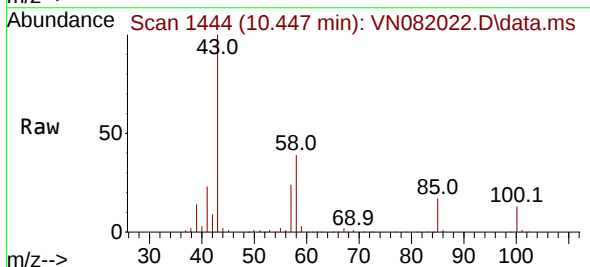
Tgt Ion:117 Resp: 177244
Ion Ratio Lower Upper
117 100
82 59.8 46.6 69.8
119 31.3 25.4 38.2

Manual Integrations
APPROVED

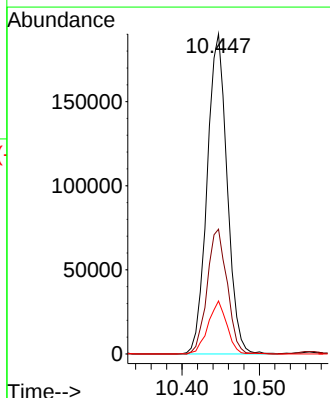
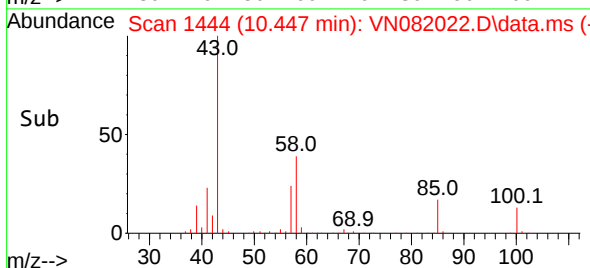
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

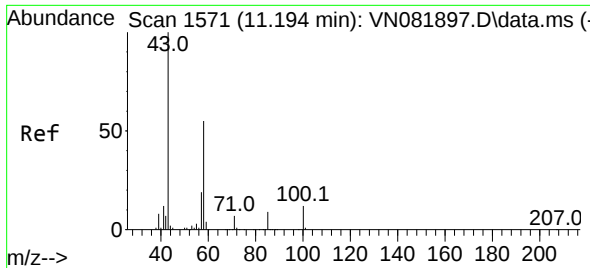


#58
4-Methyl-2-Pentanone
Concen: 99.312 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



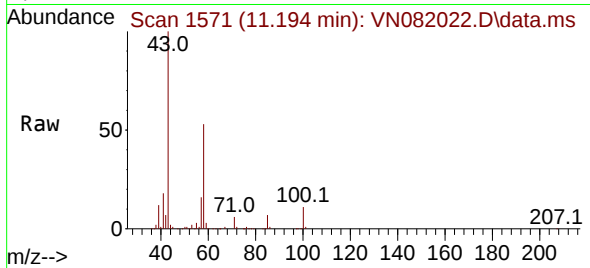
Tgt Ion: 43 Resp: 341787
Ion Ratio Lower Upper
43 100
58 0.5 36.5 54.7#
85 0.2 19.5 29.3#





#59
2-Hexanone
Concen: 100.075 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

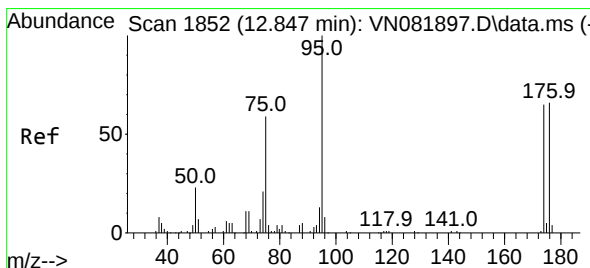
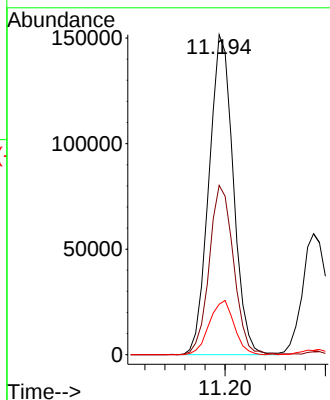
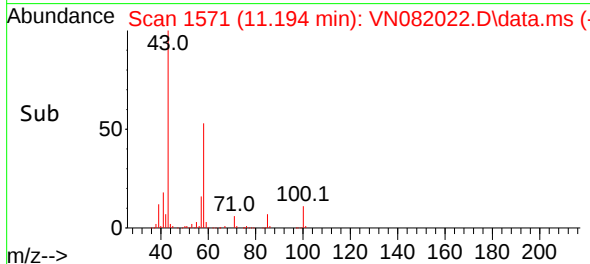
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 255362
Ion Ratio Lower Upper
43 100
58 52.9 50.4 75.6
57 17.3 18.6 27.8

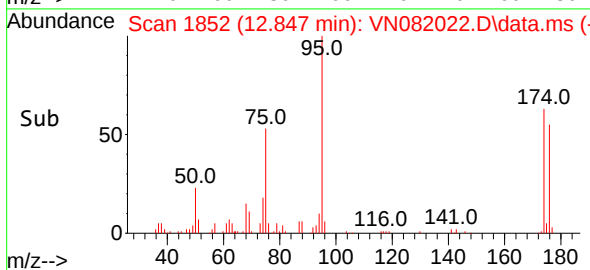
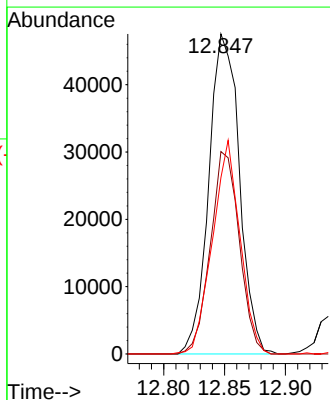
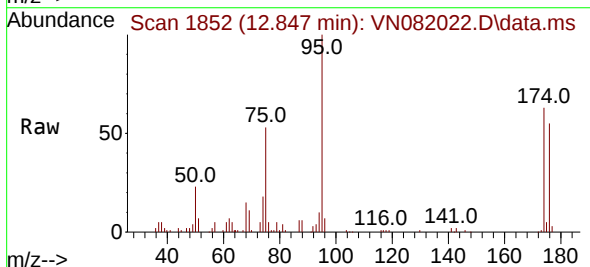
Manual Integrations
APPROVED

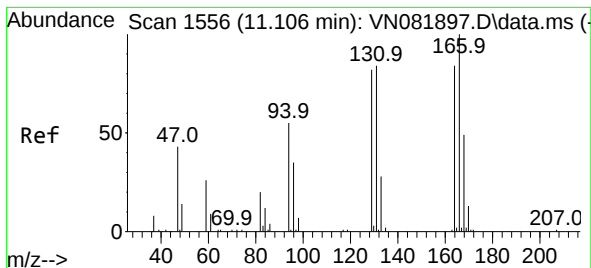
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#60
4-Bromofluorobenzene
Concen: 28.111 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 95 Resp: 82921
Ion Ratio Lower Upper
95 100
174 60.0 60.5 90.7#
176 60.1 57.8 86.6





#61

Tetrachloroethene

Concen: 16.648 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 3274

Ion Ratio Lower Upper

164 100

166 117.6 106.7 160.1

129 110.3 85.8 128.6

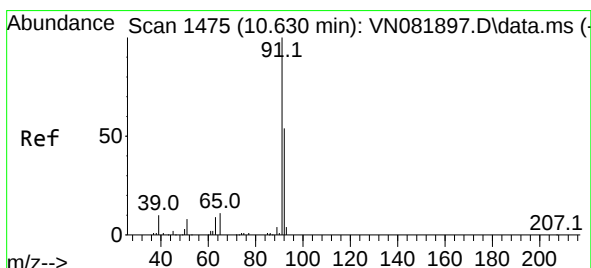
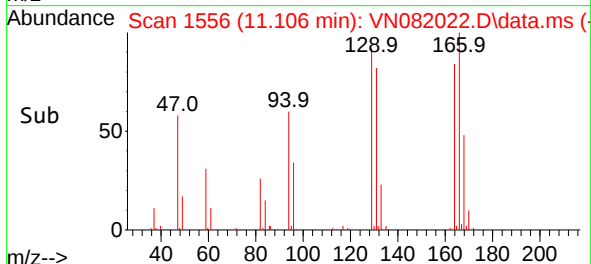
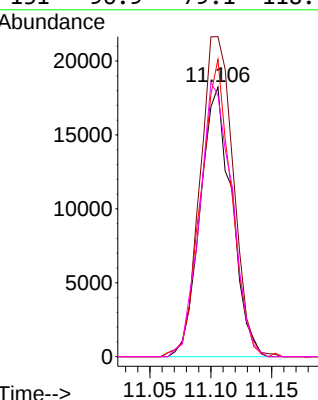
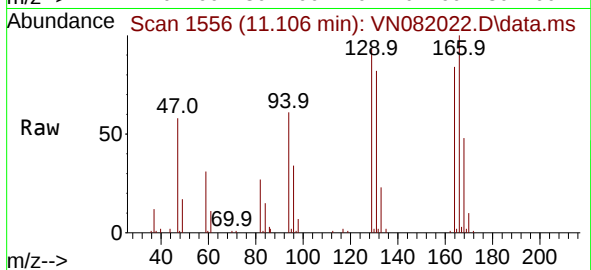
131 96.9 79.1 118.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#62

Toluene

Concen: 19.081 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082022.D

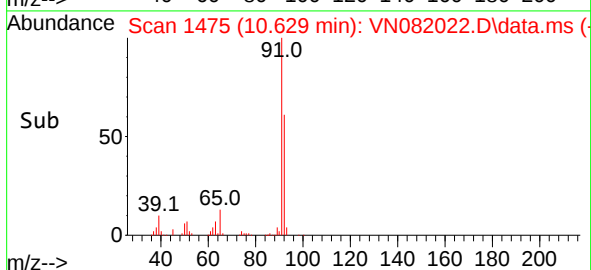
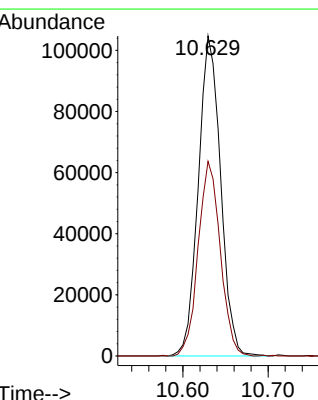
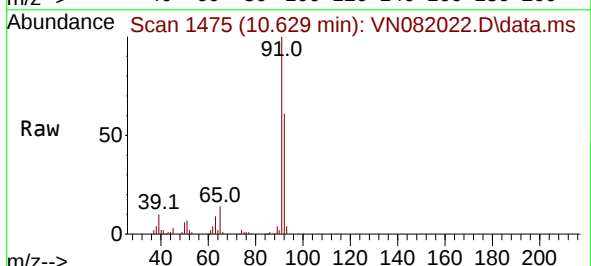
Acq: 07 May 2024 16:28

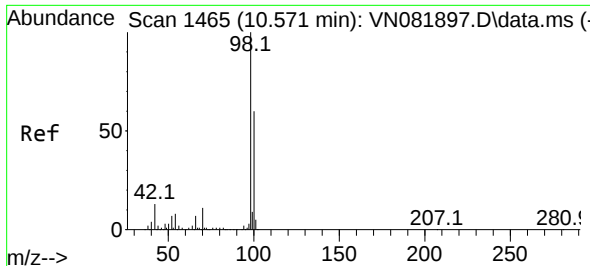
Tgt Ion: 91 Resp: 190289

Ion Ratio Lower Upper

91 100

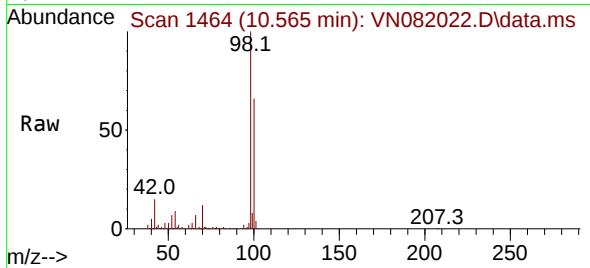
92 60.3 46.5 69.7





#63
Toluene-d8
Concen: 29.834 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

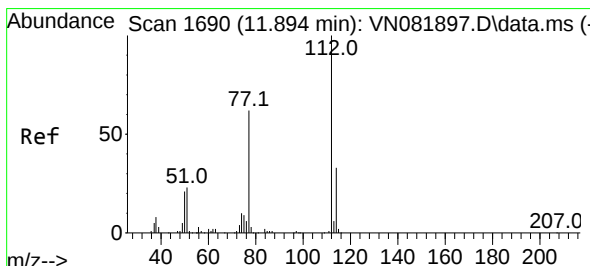
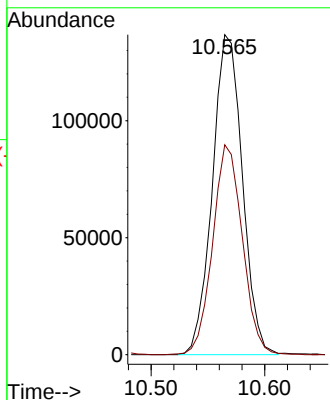
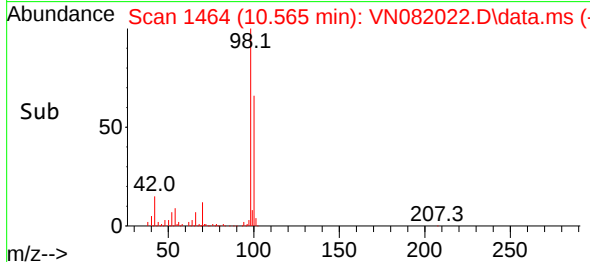
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



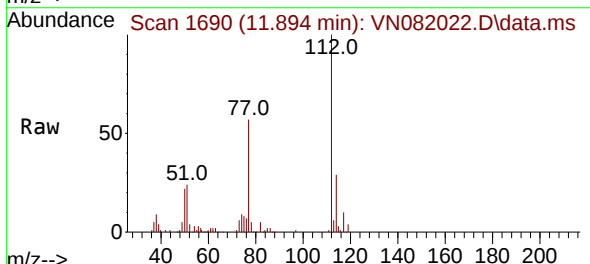
Tgt Ion: 98 Resp: 25112
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

Manual Integrations
APPROVED

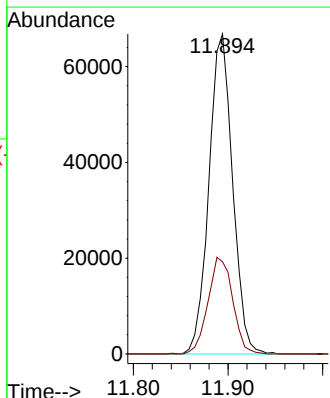
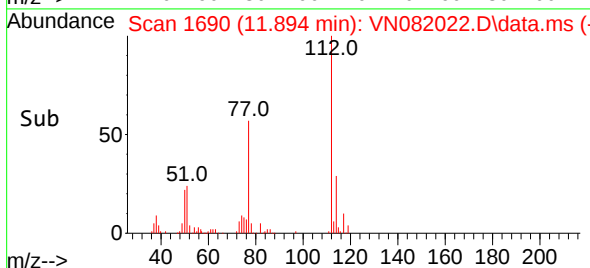
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

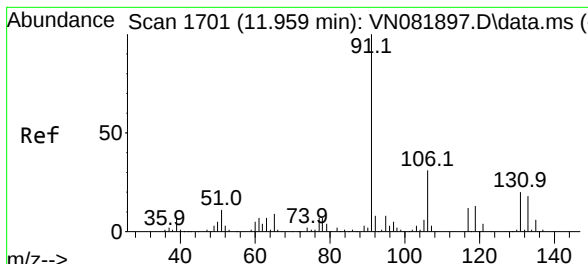


#64
Chlorobenzene
Concen: 19.035 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



Tgt Ion:112 Resp: 116110
Ion Ratio Lower Upper
112 100
114 28.8 26.6 39.8





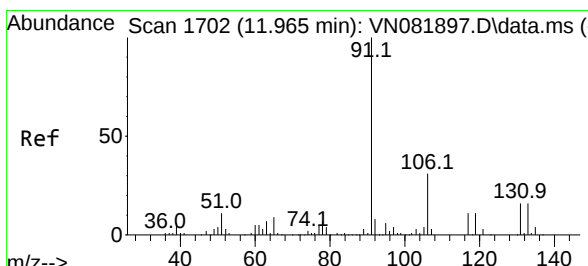
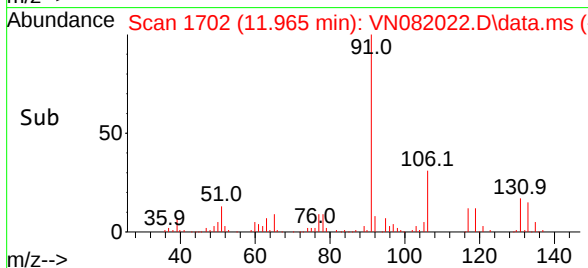
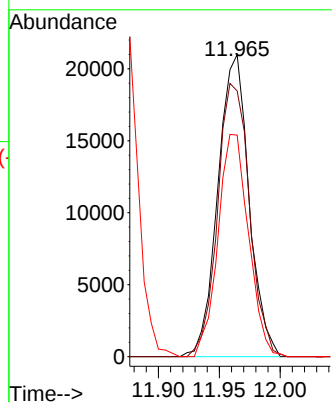
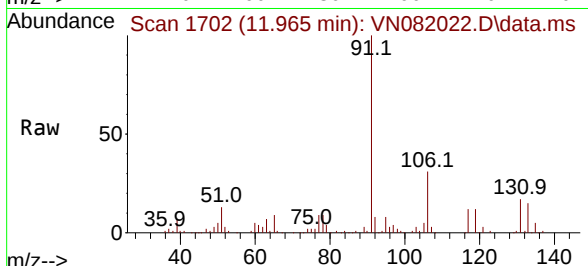
#65
1,1,1,2-Tetrachloroethane
Concen: 18.702 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 3733
Ion Ratio Lower Upper
131 100
133 92.5 0.0 188.0
119 72.3 0.0 122.8

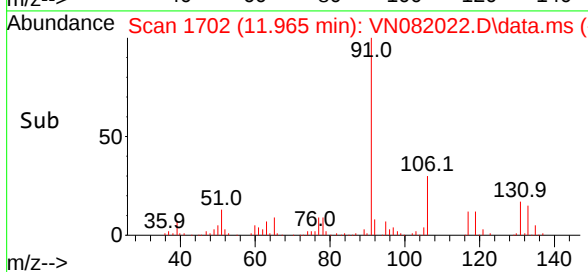
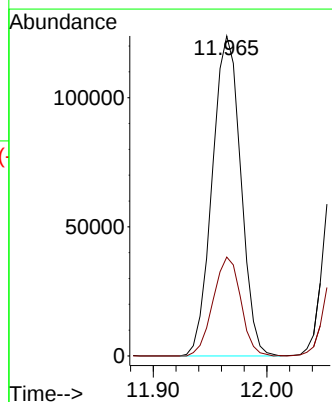
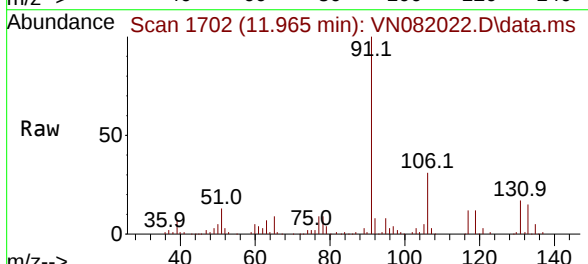
Manual Integrations
APPROVED

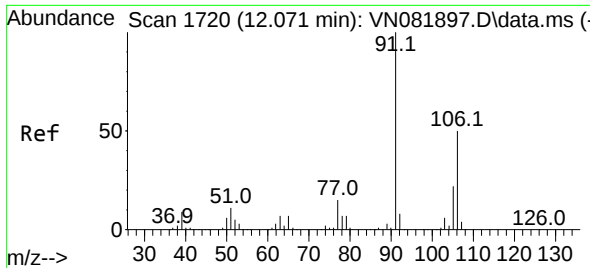
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#66
Ethyl Benzene
Concen: 19.781 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 91 Resp: 216240
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





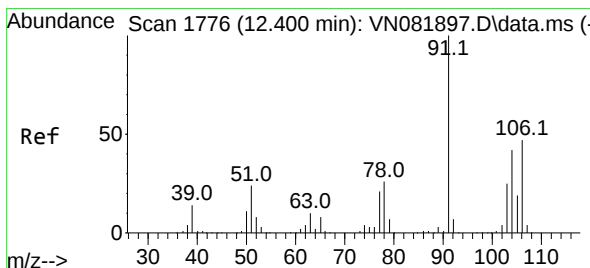
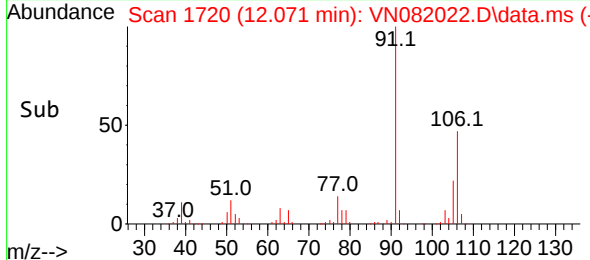
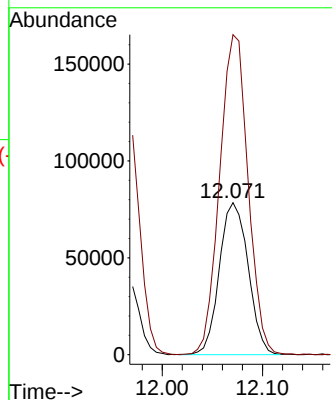
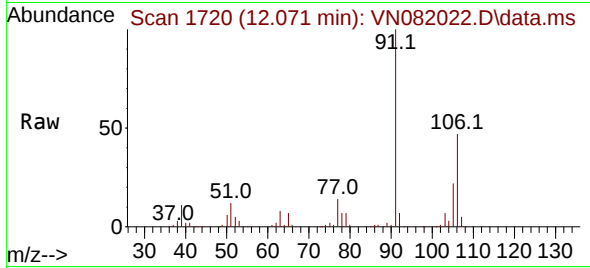
#67
m/p-Xylenes
Concen: 38.614 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 156500
Ion Ratio Lower Upper
106 100
91 207.7 166.6 249.8

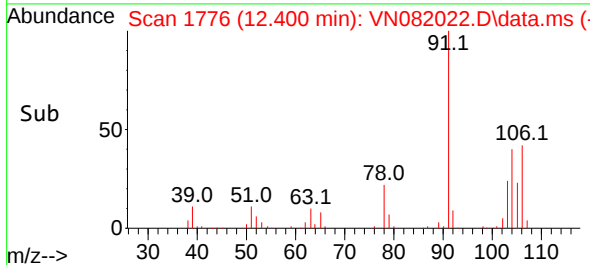
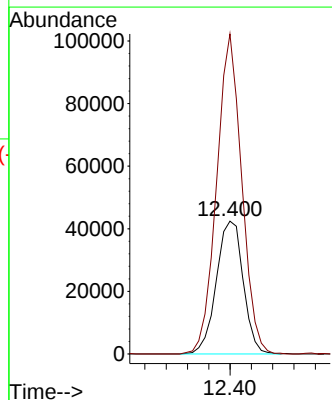
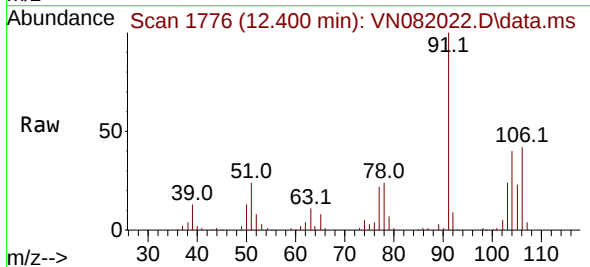
Manual Integrations
APPROVED

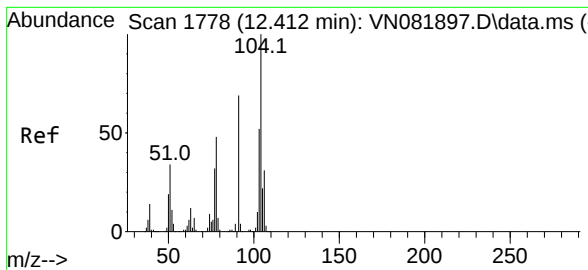
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#68
o-Xylene
Concen: 18.510 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

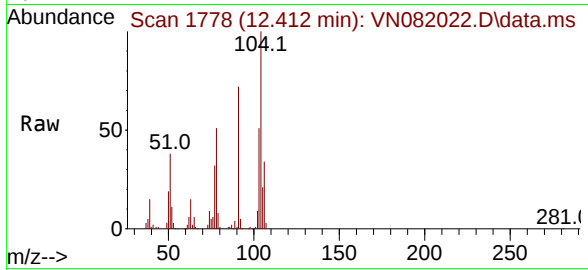
Tgt Ion:106 Resp: 74223
Ion Ratio Lower Upper
106 100
91 225.1 110.0 330.0





#69
Styrene
Concen: 18.901 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

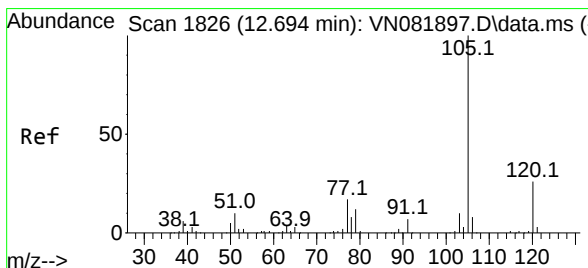
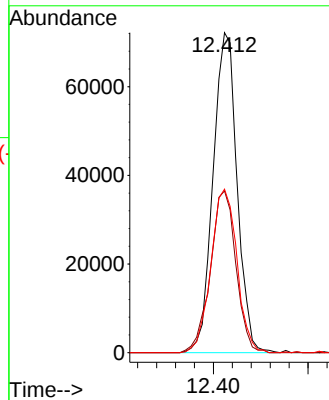
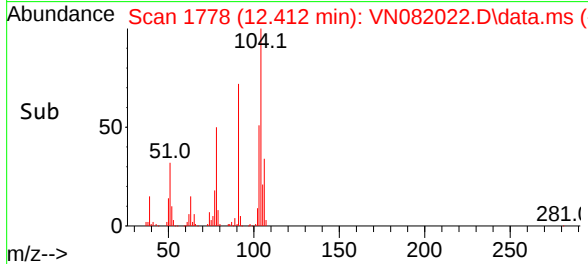
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



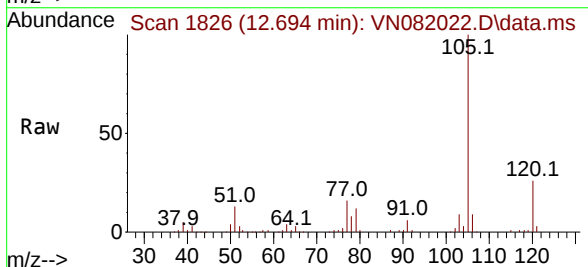
Tgt Ion:104 Resp: 12723
Ion Ratio Lower Upper
104 100
78 53.7 42.6 64.0
103 55.3 43.7 65.5

Manual Integrations
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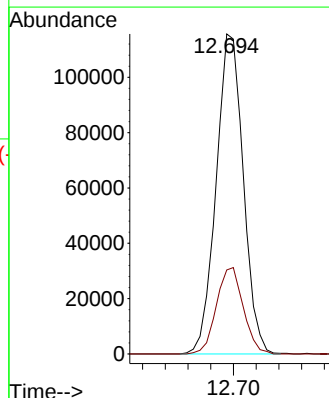
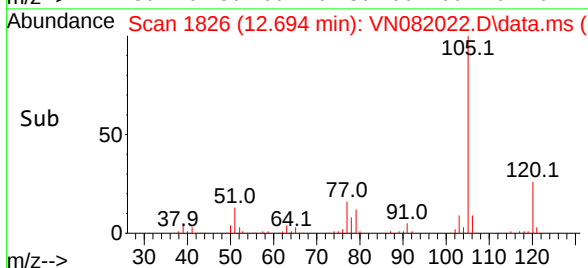
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

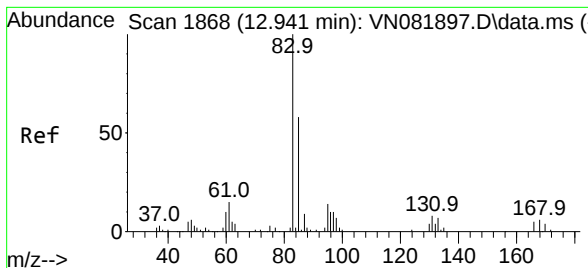


#70
Isopropylbenzene
Concen: 18.855 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



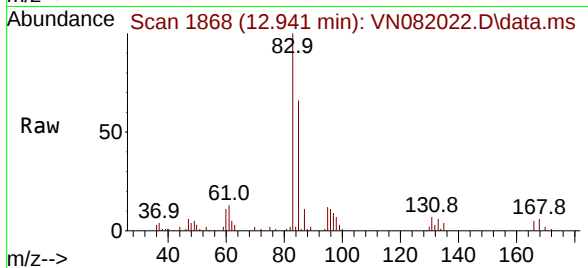
Tgt Ion:105 Resp: 192018
Ion Ratio Lower Upper
105 100
120 26.6 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.121 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

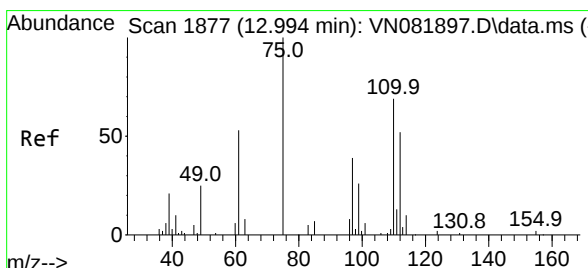
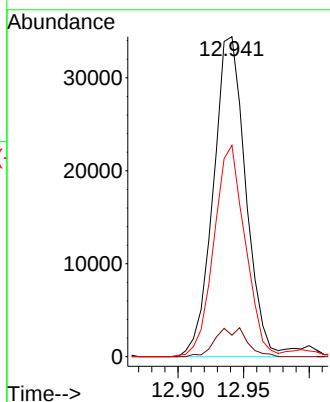
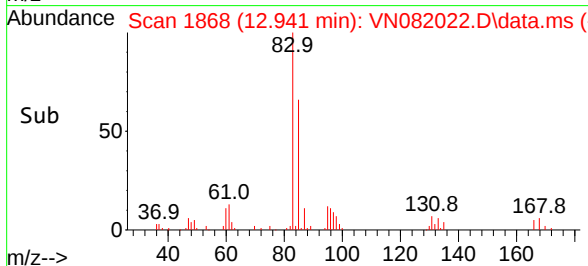
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 5896
Ion Ratio Lower Upper
83 100
131 5.2 5.2 15.6
85 63.9 32.3 96.8

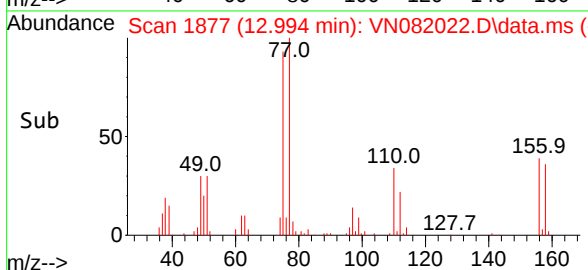
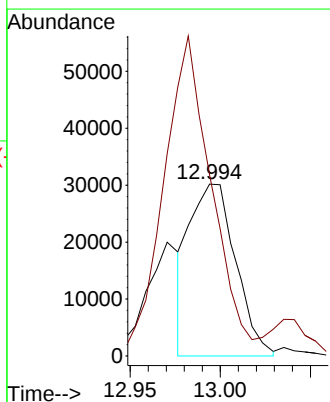
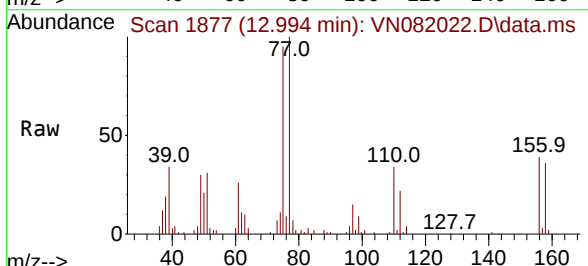
Manual Integrations
APPROVED

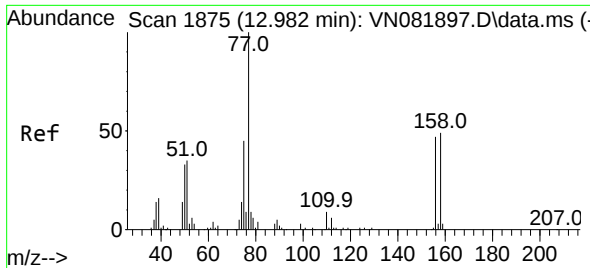
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#72
1,2,3-Trichloropropane
Concen: 19.511 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion: 75 Resp: 53458
Ion Ratio Lower Upper
75 100
77 193.6 0.0 367.6





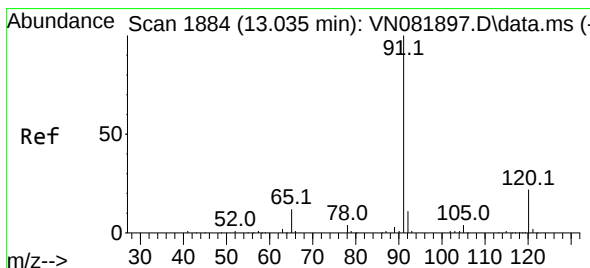
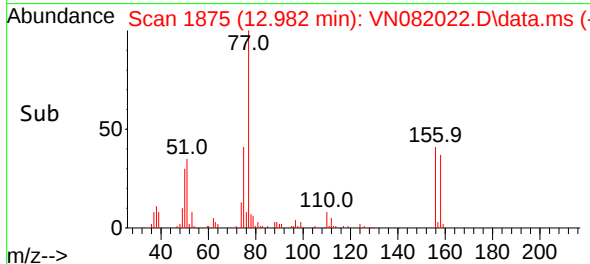
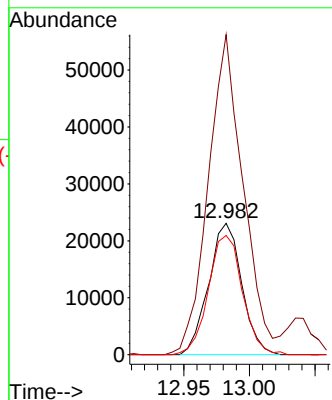
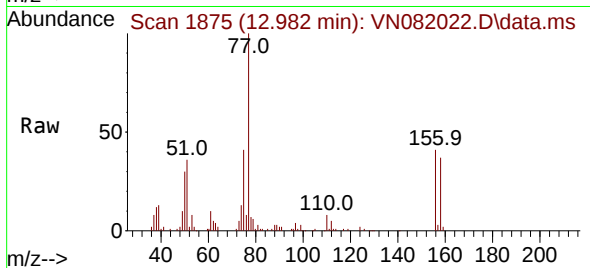
#73
Bromobenzene
Concen: 18.577 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 40499
Ion Ratio Lower Upper
156 100
77 255.6 0.0 437.6
158 93.5 0.0 203.8

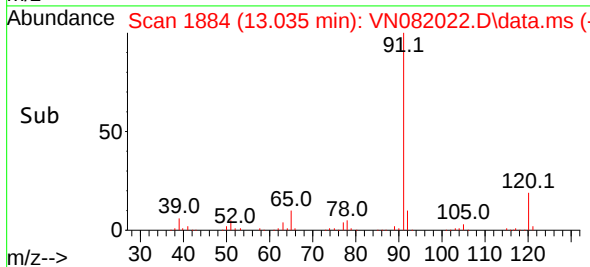
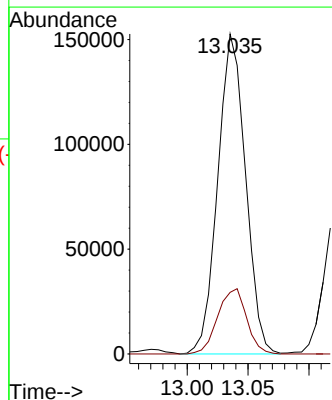
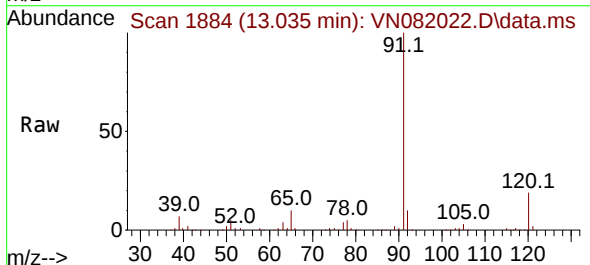
Manual Integrations
APPROVED

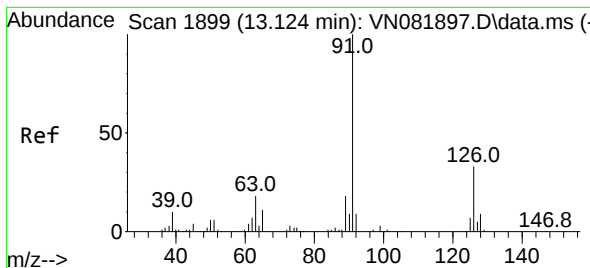
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#74
n-propylbenzene
Concen: 20.185 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

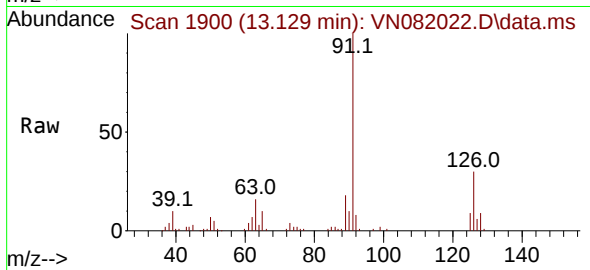
Tgt Ion: 91 Resp: 242532
Ion Ratio Lower Upper
91 100
120 21.1 0.0 43.8





#75
2-Chlorotoluene
Concen: 19.055 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

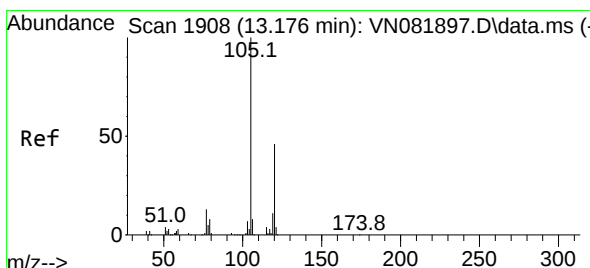
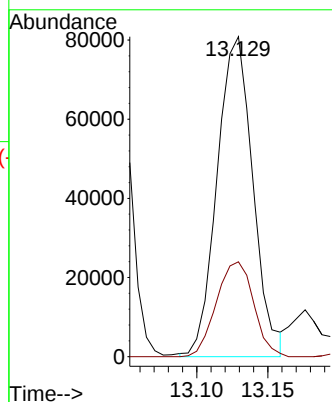
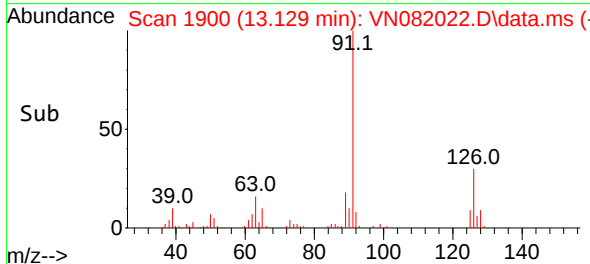
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 141639
Ion Ratio Lower Upper
91 100
126 30.8 0.0 61.2

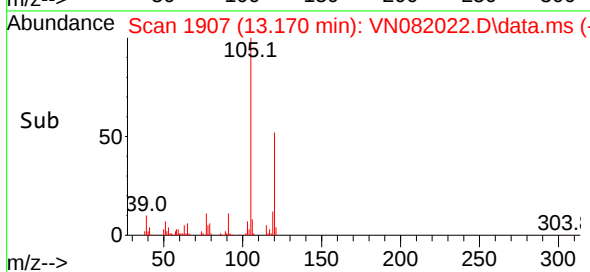
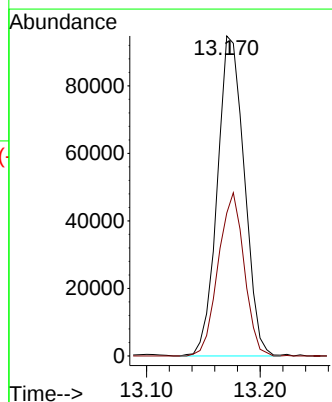
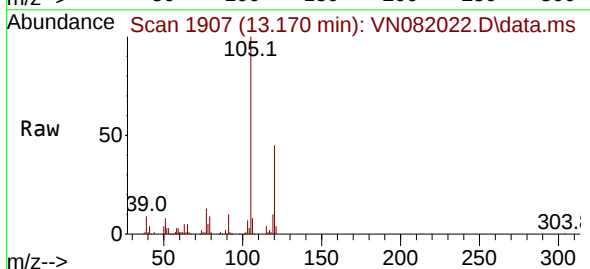
Manual Integrations
APPROVED

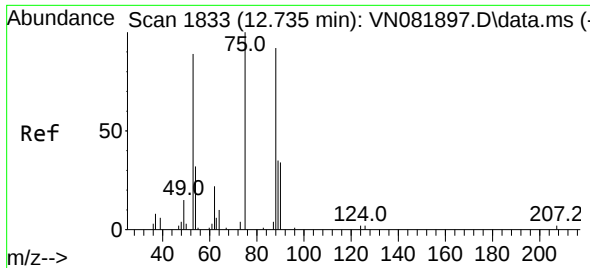
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.976 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

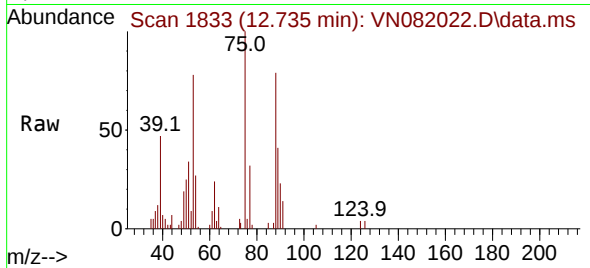
Tgt Ion:105 Resp: 156427
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.303 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

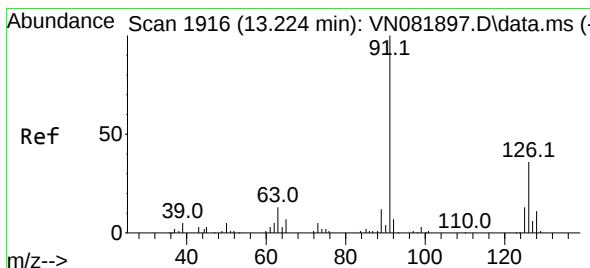
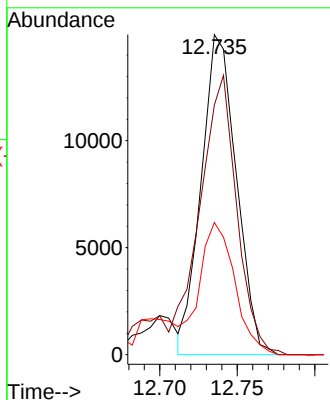
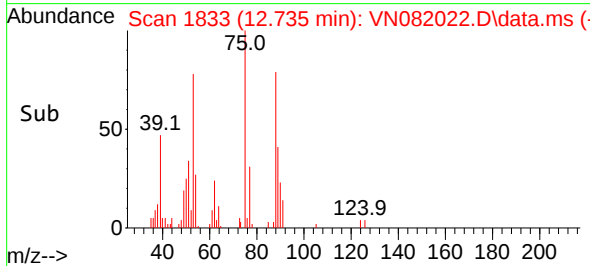
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



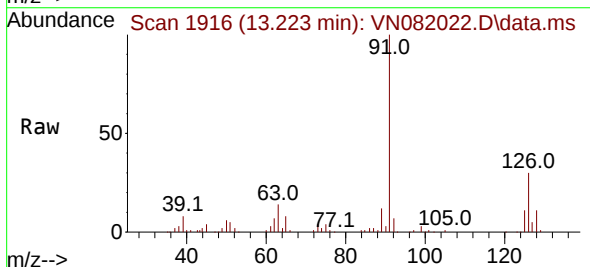
Tgt Ion: 75 Resp: 23540
Ion Ratio Lower Upper
75 100
53 76.7 45.9 137.7
89 41.3 25.9 77.7

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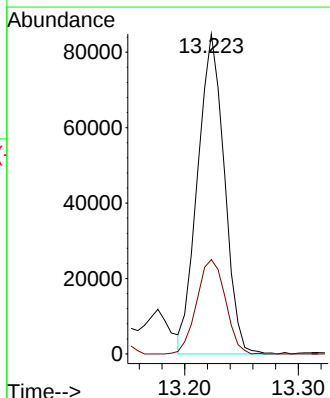
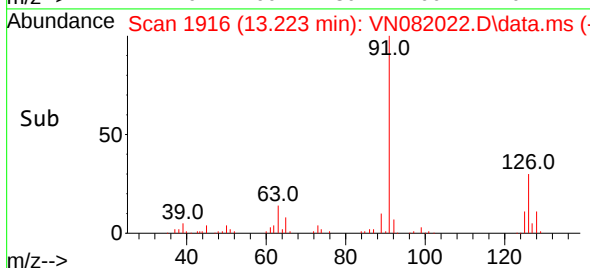
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

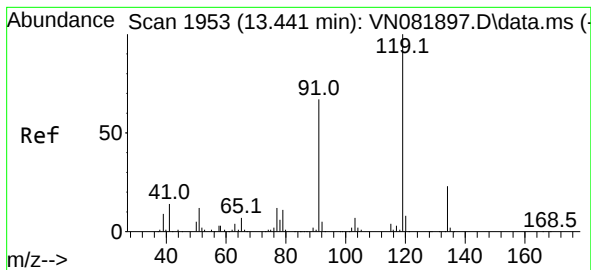


#78
4-Chlorotoluene
Concen: 19.055 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



Tgt Ion: 91 Resp: 138760
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.8





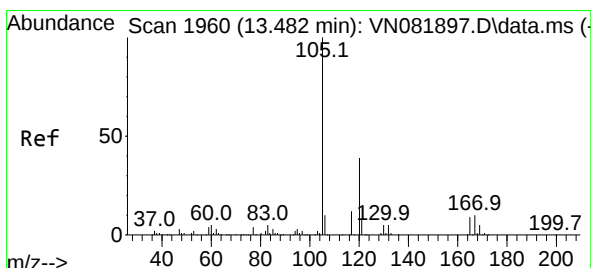
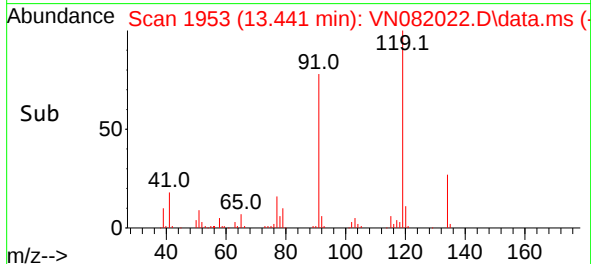
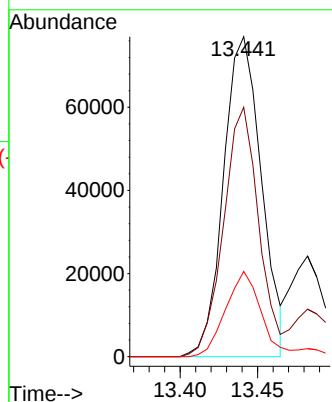
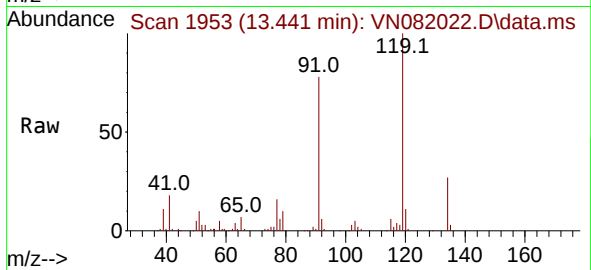
#79
tert-butylbenzene
Concen: 18.469 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 131086
Ion Ratio Lower Upper
119 100
91 72.2 0.0 138.8
134 24.6 0.0 48.6

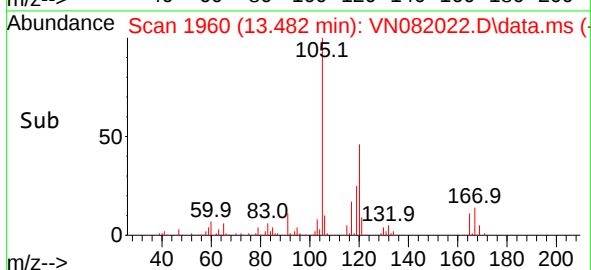
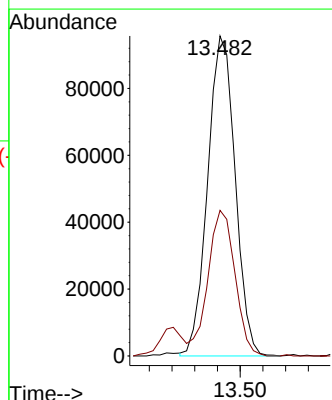
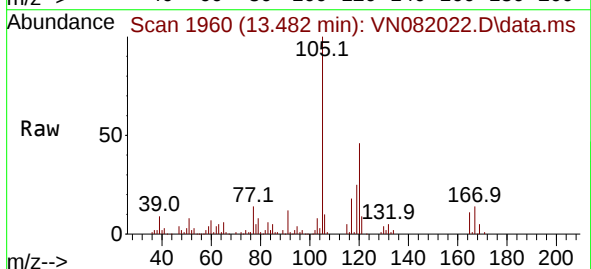
Manual Integrations
APPROVED

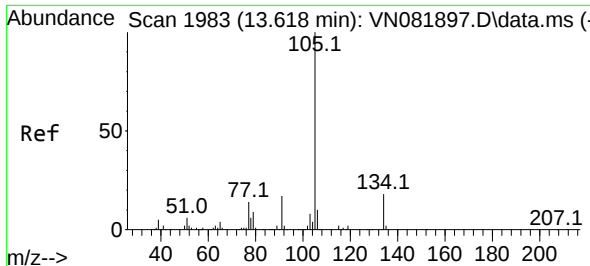
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.443 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

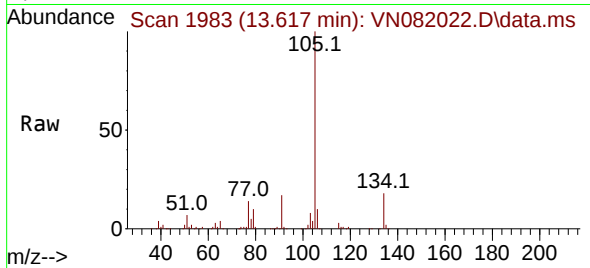
Tgt Ion:105 Resp: 160995
Ion Ratio Lower Upper
105 100
120 44.8 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.737 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082022.D
 Acq: 07 May 2024 16:28

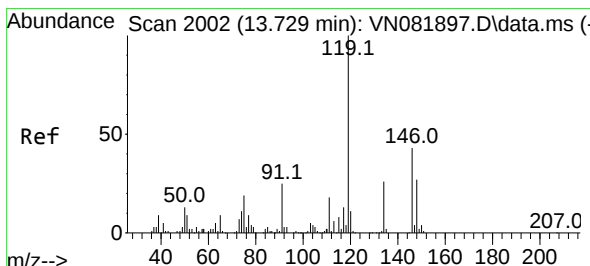
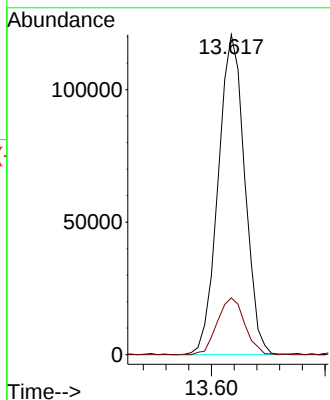
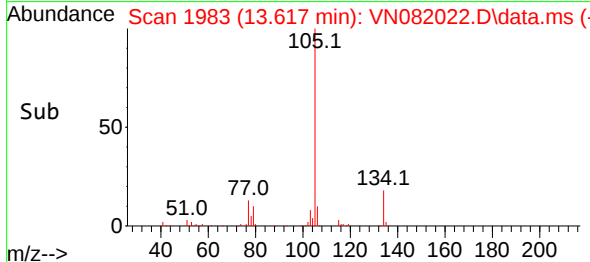
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



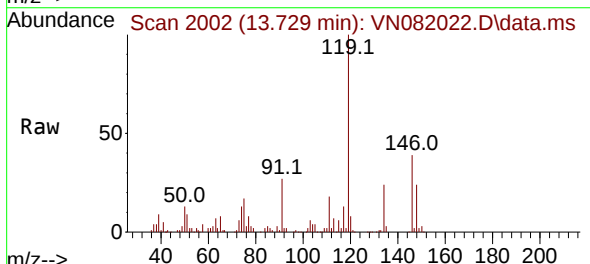
Tgt Ion:105 Resp: 196369
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.0

Manual Integrations
 APPROVED

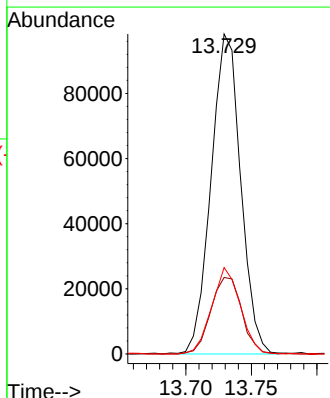
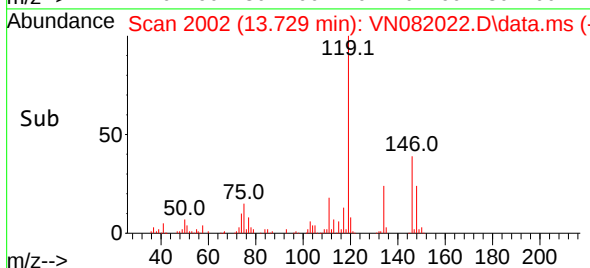
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024

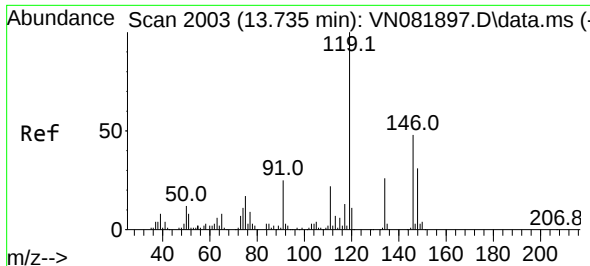


#82
 p-Isopropyltoluene
 Concen: 19.608 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082022.D
 Acq: 07 May 2024 16:28



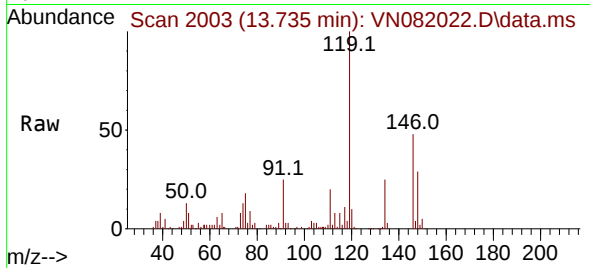
Tgt Ion:119 Resp: 154258
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 49.2
 91 26.0 0.0 48.8





#83
 1,3-Dichlorobenzene
 Concen: 18.300 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082022.D
 Acq: 07 May 2024 16:28

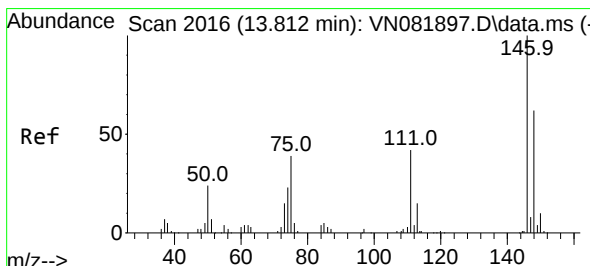
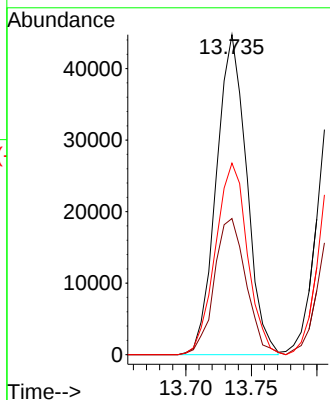
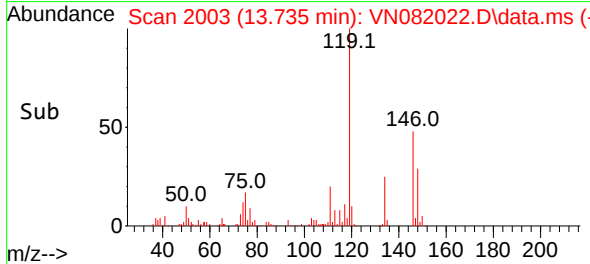
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



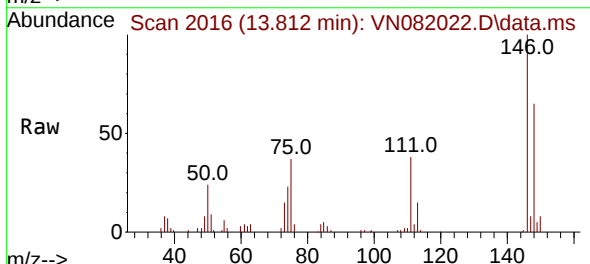
Tgt Ion:146 Resp: 71830
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.4 67.0
 148 63.4 32.1 96.5

Manual Integrations
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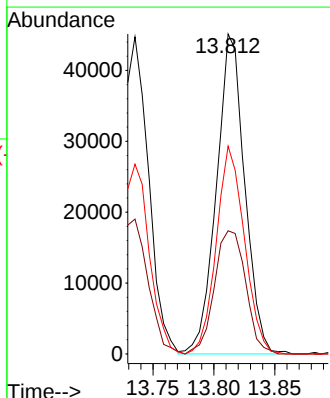
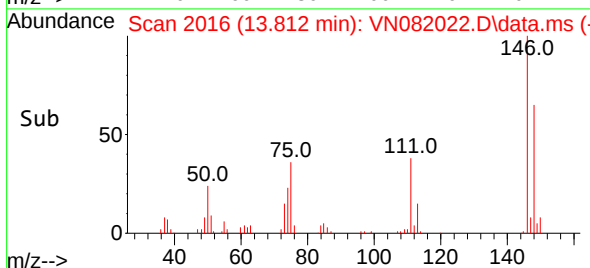
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024

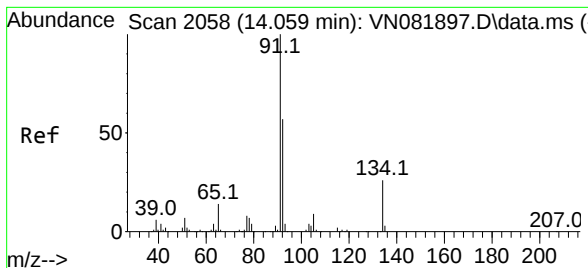


#84
 1,4-Dichlorobenzene
 Concen: 18.503 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082022.D
 Acq: 07 May 2024 16:28



Tgt Ion:146 Resp: 73004
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.9
 148 64.7 31.9 95.5





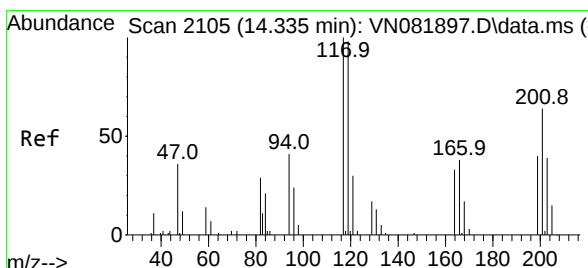
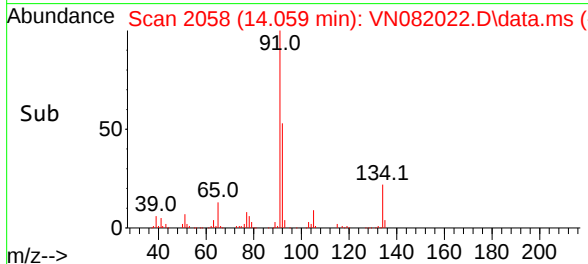
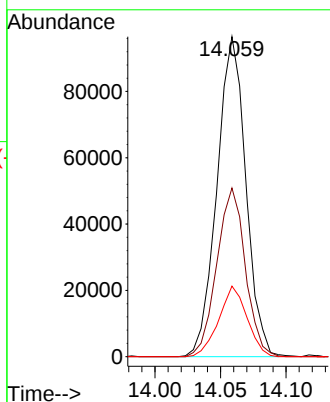
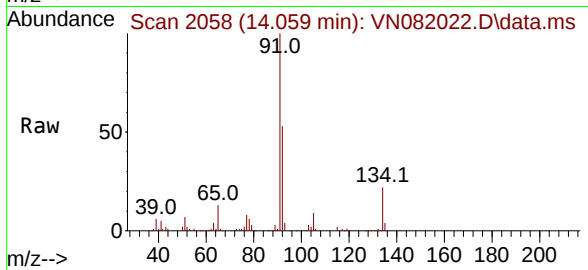
#85
n-Butylbenzene
Concen: 20.560 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 147750
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.0
134 21.7 0.0 51.8

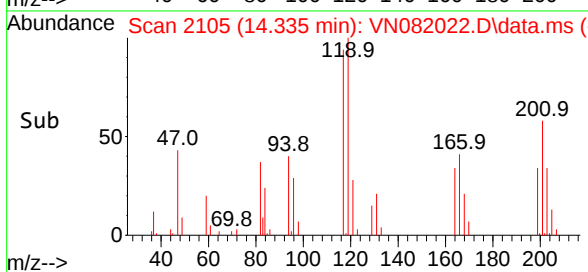
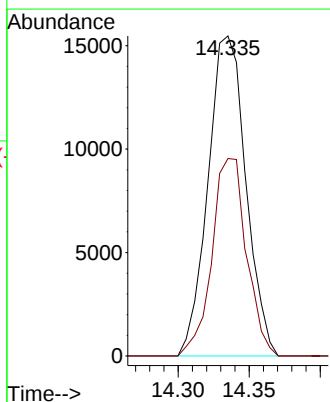
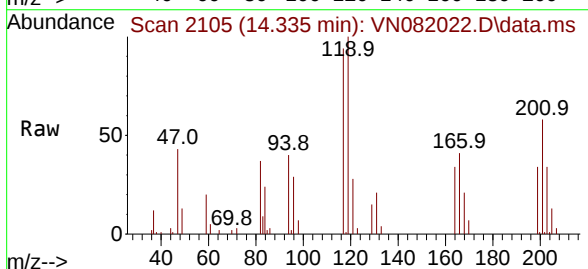
Manual Integrations
APPROVED

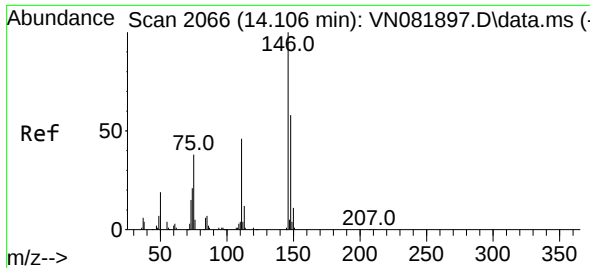
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#86
Hexachloroethane
Concen: 18.294 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

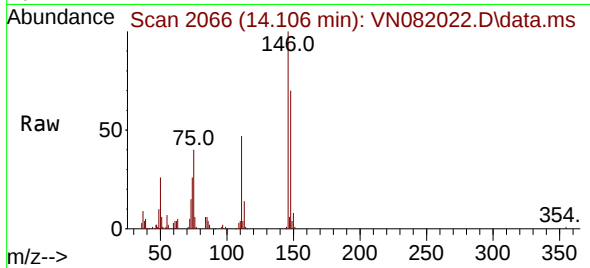
Tgt Ion:117 Resp: 28697
Ion Ratio Lower Upper
117 100
201 56.3 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 18.823 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

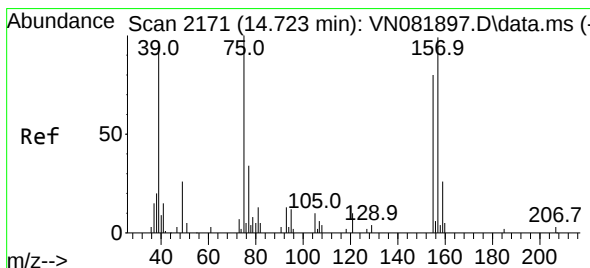
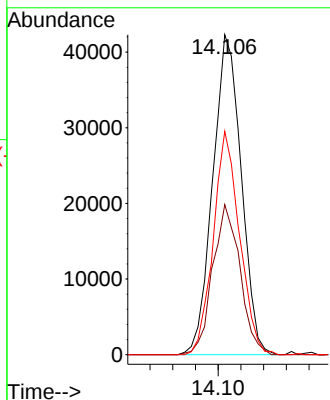
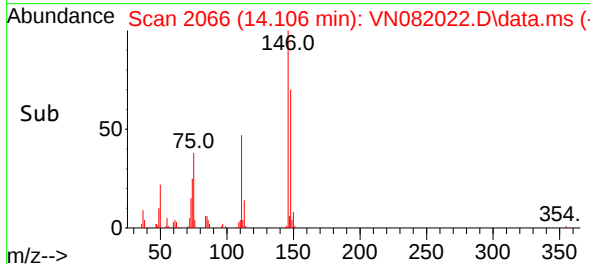
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



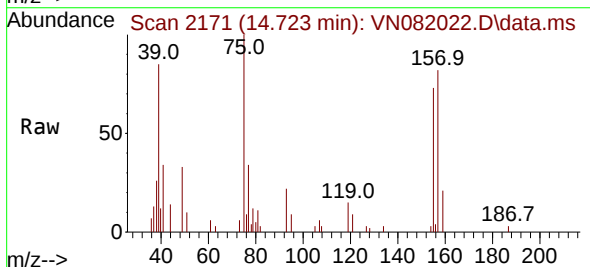
Tgt Ion:146 Resp: 7359
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.8
148 64.4 31.3 93.8

Manual Integrations
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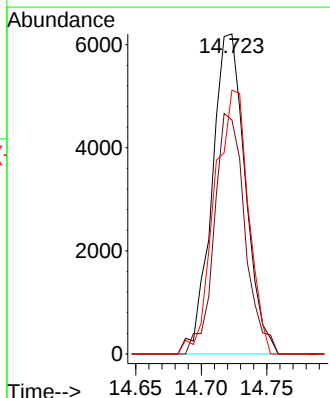
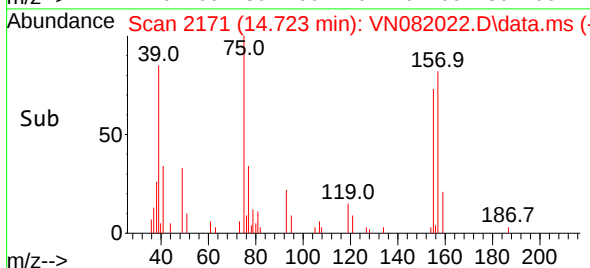
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

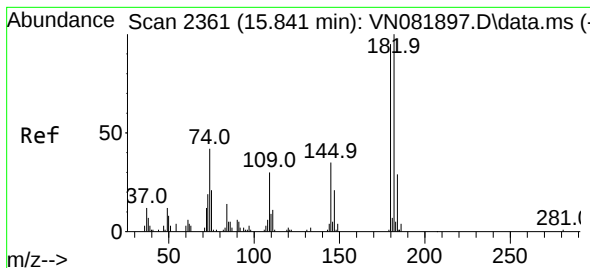


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.690 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28



Tgt Ion: 75 Resp: 10976
Ion Ratio Lower Upper
75 100
155 69.2 61.7 92.5
157 83.8 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.345 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

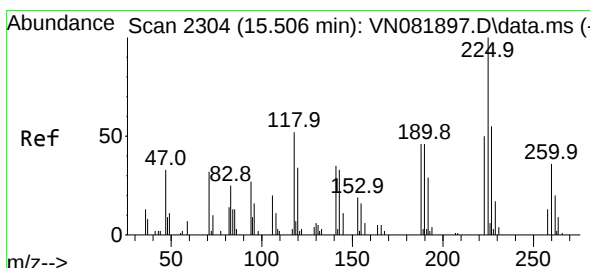
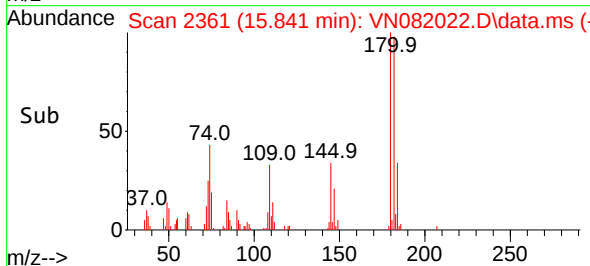
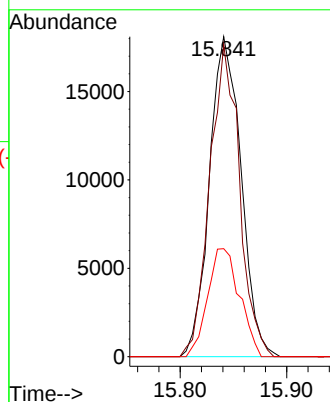
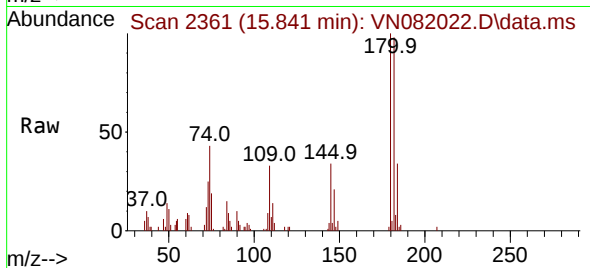
Tgt Ion:180	Resp:	37340
Ion Ratio	Lower	Upper
180	100	
182	91.6	76.4 114.6
145	34.0	28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#90

Hexachlorobutadiene

Concen: 16.624 ug/l

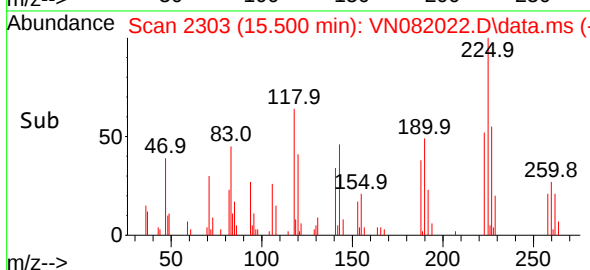
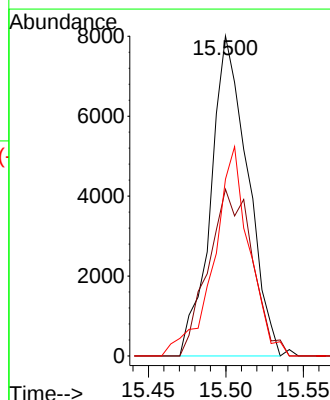
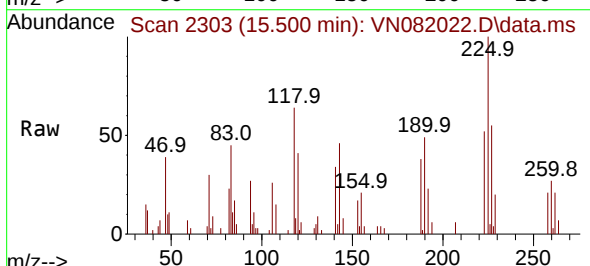
RT: 15.500 min Scan# 2303

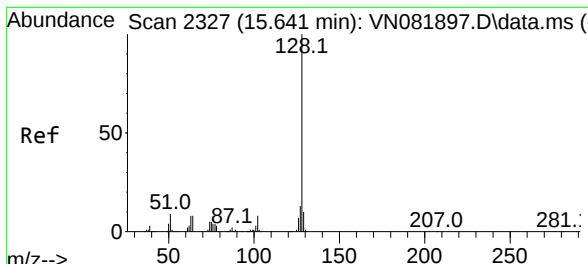
Delta R.T. -0.006 min

Lab File: VN082022.D

Acq: 07 May 2024 16:28

Tgt Ion:225	Resp:	13254
Ion Ratio	Lower	Upper
225	100	
223	62.4	0.0 126.6
227	62.9	0.0 126.6





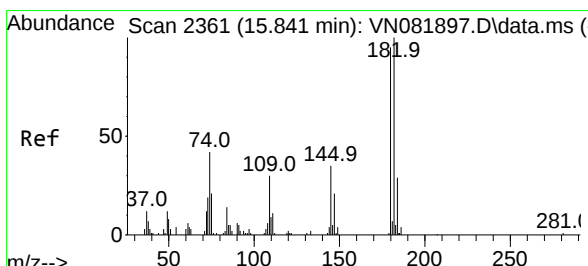
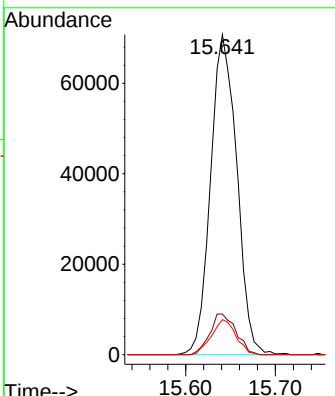
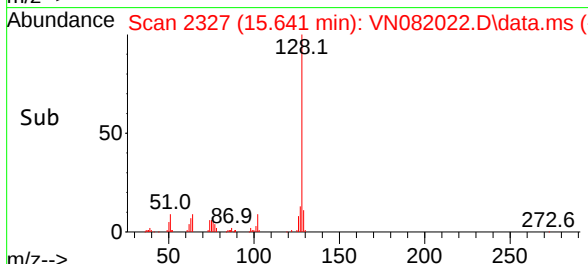
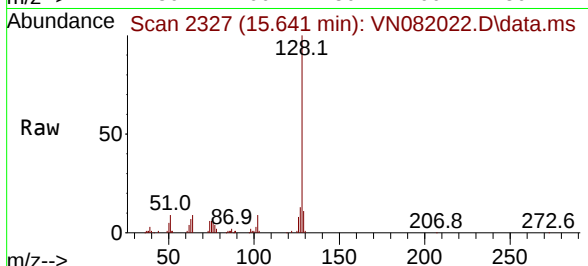
#91
Naphthalene
Concen: 17.521 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Tgt Ion:	128	Resp:	14338
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.2	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.345 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082022.D
Acq: 07 May 2024 16:28

Tgt Ion:	180	Resp:	37340
Ion Ratio	Lower	Upper	
180	100		
182	91.6	0.0	191.0
145	34.0	0.0	71.0

