

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078082.D
 Acq On : 06 Jun 2023 22:11
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 07 04:29:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	471181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	871309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	736585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	273477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125471	19.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.940%#		
35) Dibromofluoromethane	8.177	113	108853	19.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.520%#		
50) Toluene-d8	10.571	98	410636	19.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.660%#		
62) 4-Bromofluorobenzene	12.853	95	127079	19.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	99016	18.590	ug/l	94
3) Chloromethane	2.371	50	106420	20.149	ug/l	97
4) Vinyl Chloride	2.518	62	138649	19.880	ug/l	99
5) Bromomethane	2.959	94	103875	19.708	ug/l	98
6) Chloroethane	3.130	64	91940	19.338	ug/l	98
7) Trichlorofluoromethane	3.506	101	184977	19.558	ug/l	96
8) Diethyl Ether	3.977	74	63854	19.215	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	98250	19.684	ug/l	96
10) Methyl Iodide	4.600	142	137395	19.464	ug/l	96
11) Tert butyl alcohol	5.536	59	88568	102.101	ug/l	99
12) 1,1-Dichloroethene	4.353	96	99876	21.330	ug/l	97
13) Acrolein	4.189	56	92098	96.332	ug/l	94
14) Allyl chloride	5.036	41	118436	18.857	ug/l	92
15) Acrylonitrile	5.730	53	221518	99.050	ug/l	96
16) Acetone	4.442	43	173382	95.883	ug/l	96
17) Carbon Disulfide	4.724	76	253870	19.169	ug/l	100
18) Methyl Acetate	5.036	43	160946	19.332	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	326955	19.916	ug/l	100
20) Methylene Chloride	5.283	84	113190	18.942	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	110343	19.883	ug/l	92
22) Diisopropyl ether	6.683	45	292286	19.784	ug/l	95
23) Vinyl Acetate	6.612	43	879300	100.121	ug/l #	92
24) 1,1-Dichloroethane	6.583	63	188831	19.375	ug/l	96
25) 2-Butanone	7.494	43	277605	99.832	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	140055	19.462	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	127600	19.276	ug/l	96
28) Bromochloromethane	7.824	49	84075	18.788	ug/l	95
29) Tetrahydrofuran	7.847	42	184966	99.501	ug/l	86
30) Chloroform	7.977	83	205971	19.626	ug/l	99
31) Cyclohexane	8.271	56	163440	20.281	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	188368	20.444	ug/l	100
36) 1,1-Dichloropropene	8.377	75	156052	19.748	ug/l	97
37) Ethyl Acetate	7.571	43	122441	19.834	ug/l	94
38) Carbon Tetrachloride	8.371	117	158522	18.998	ug/l	99
39) Methylcyclohexane	9.606	83	160944	19.653	ug/l	90
40) Benzene	8.612	78	464617	19.694	ug/l	98

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 Supervised By :Mahesh Dadoda 06/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	65422	19.552	ug/l	92
42) 1,2-Dichloroethane	8.677	62	158634	19.611	ug/l	100
43) Isopropyl Acetate	8.694	43	218969	18.547	ug/l	95
44) Trichloroethene	9.359	130	122073	19.594	ug/l	93
45) 1,2-Dichloropropane	9.624	63	116905	19.917	ug/l	96
46) Dibromomethane	9.712	93	84056	19.442	ug/l	96
47) Bromodichloromethane	9.894	83	161077	20.057	ug/l	99
48) Methyl methacrylate	9.688	41	92618	18.694	ug/l	97
49) 1,4-Dioxane	9.706	88	40514	389.063	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	616614	99.183	ug/l	93
52) Toluene	10.635	92	290902	19.530	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	163017	19.491	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	180258	19.497	ug/l	92
55) 1,1,2-Trichloroethane	11.023	97	112444	19.956	ug/l	98
56) Ethyl methacrylate	10.882	69	161047	19.629	ug/l	92
57) 1,3-Dichloropropane	11.171	76	186414	19.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	330958	99.856	ug/l	94
59) 2-Hexanone	11.200	43	426419	98.508	ug/l	92
60) Dibromochloromethane	11.365	129	120092	19.477	ug/l	100
61) 1,2-Dibromoethane	11.476	107	114393	19.346	ug/l	98
64) Tetrachloroethene	11.106	164	94454	19.221	ug/l	96
65) Chlorobenzene	11.894	112	307294	19.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	113799	19.614	ug/l	98
67) Ethyl Benzene	11.970	91	544789	20.015	ug/l	98
68) m/p-Xylenes	12.082	106	411564	39.676	ug/l	99
69) o-Xylene	12.406	106	203280	19.956	ug/l	98
70) Styrene	12.418	104	319778	19.940	ug/l	98
71) Bromoform	12.582	173	73108	19.526	ug/l #	98
73) Isopropylbenzene	12.700	105	497426	19.235	ug/l	100
74) N-amyl acetate	12.500	43	165126	19.390	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	155454	20.407	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	141755m	21.833	ug/l	
77) Bromobenzene	12.988	156	118637	19.762	ug/l	92
78) n-propylbenzene	13.041	91	540581	19.240	ug/l	99
79) 2-Chlorotoluene	13.129	91	342706	18.896	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	406336	19.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39798	18.913	ug/l	94
82) 4-Chlorotoluene	13.229	91	319590	18.881	ug/l	97
83) tert-Butylbenzene	13.447	119	346016	19.012	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	395721	19.494	ug/l	98
85) sec-Butylbenzene	13.623	105	462470	19.414	ug/l	99
86) p-Isopropyltoluene	13.735	119	376519	19.477	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	190682	18.778	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	188664	19.254	ug/l	99
89) n-Butylbenzene	14.064	91	294720	19.329	ug/l	98
90) Hexachloroethane	14.335	117	64827	18.897	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	193276	19.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25558	19.952	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	70110	19.828	ug/l	94
94) Hexachlorobutadiene	15.506	225	39493	21.245	ug/l	96
95) Naphthalene	15.647	128	231688	19.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	78213	19.777	ug/l	97

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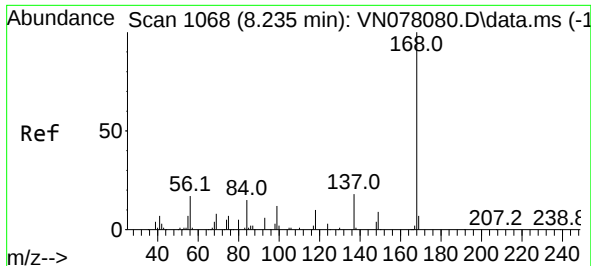
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/07/2023

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 04:24:57 2023
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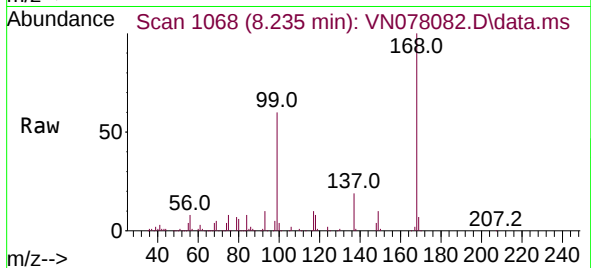
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

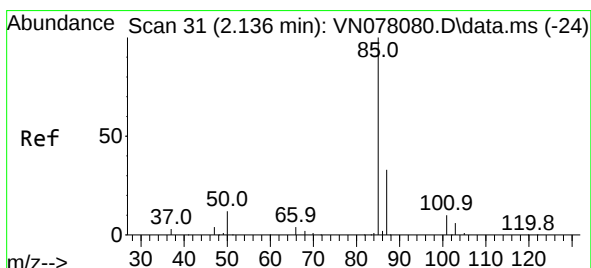
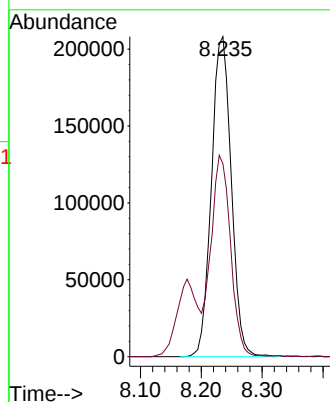
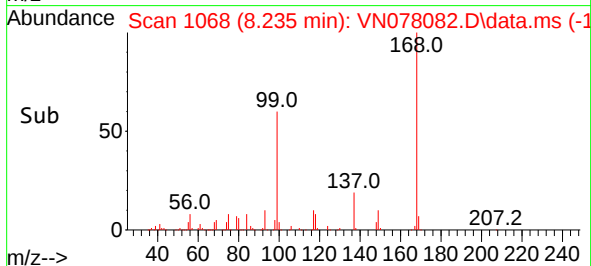
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



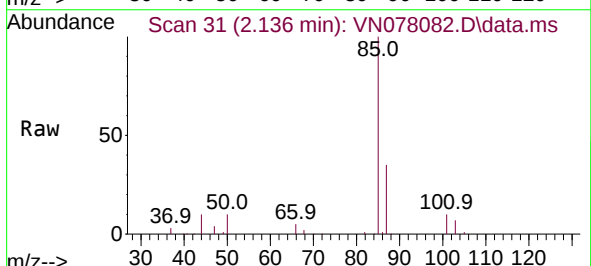
Tgt Ion:168 Resp: 47118
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6

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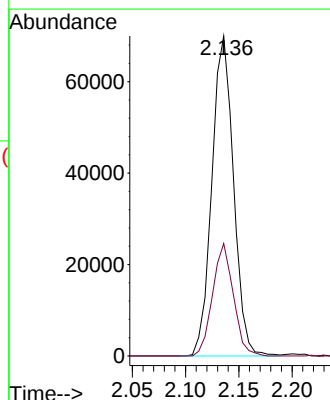
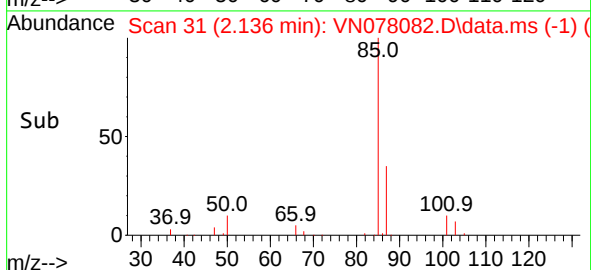
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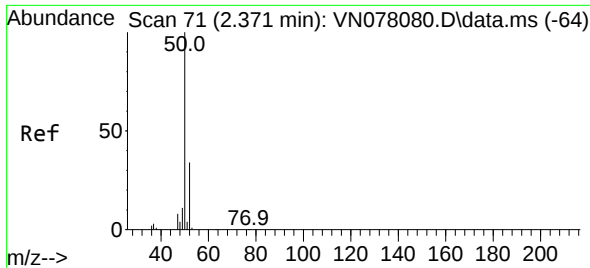


#2
Dichlorodifluoromethane
Concen: 18.590 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



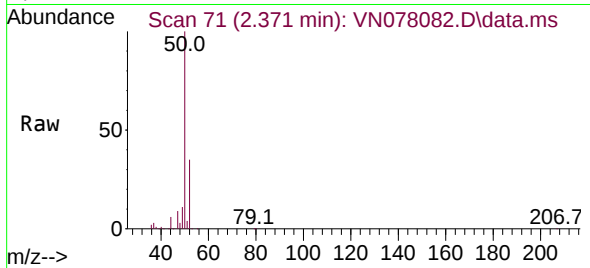
Tgt Ion: 85 Resp: 99016
Ion Ratio Lower Upper
85 100
87 35.1 15.8 47.4





#3
Chloromethane
Concen: 20.149 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

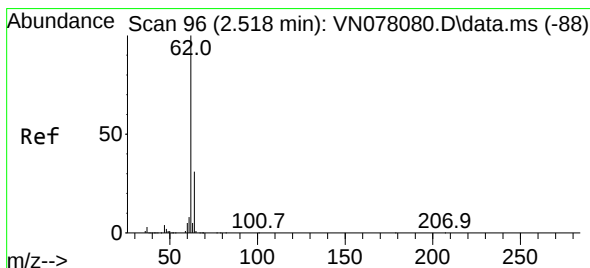
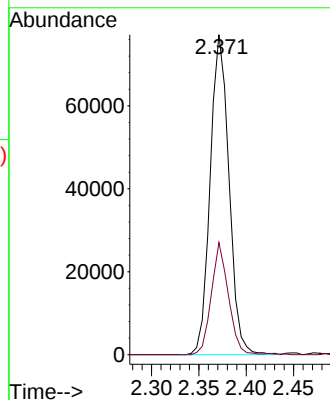
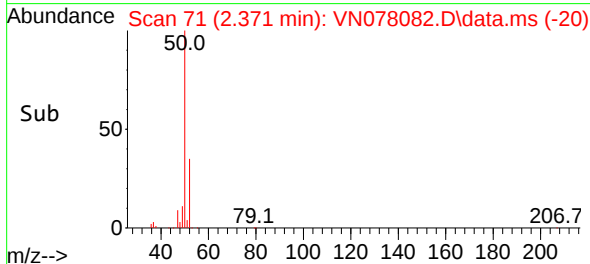
Instrument :
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Tgt Ion: 50 Resp: 106420
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

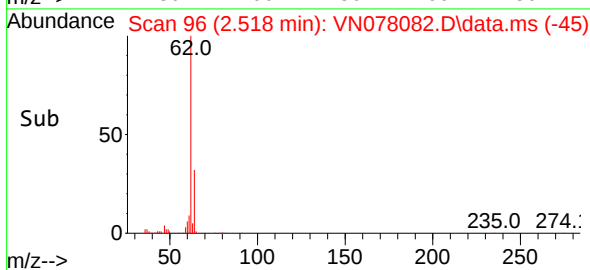
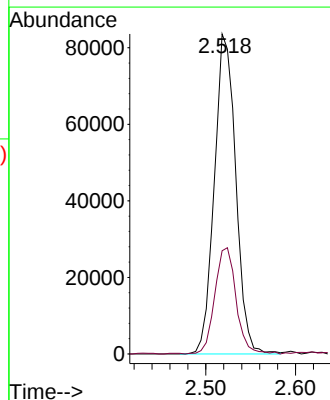
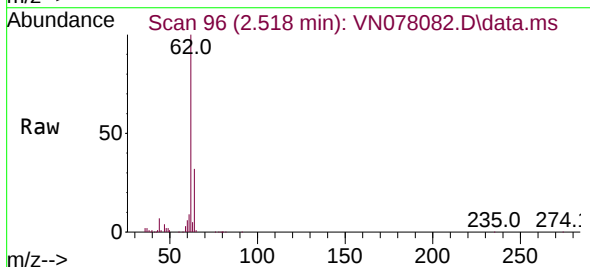
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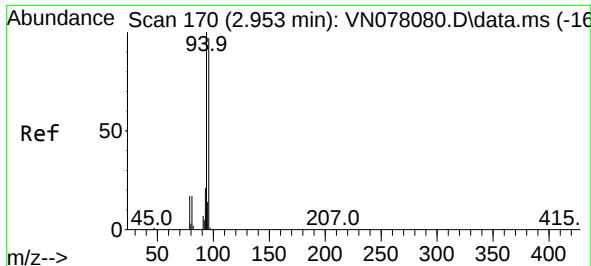
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#4
Vinyl Chloride
Concen: 19.880 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

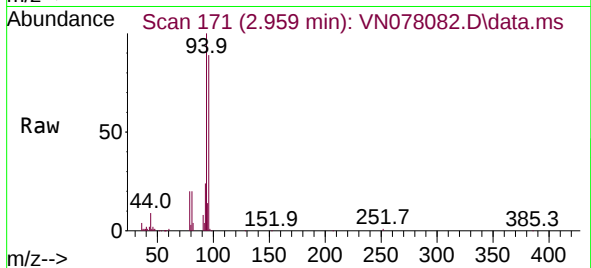
Tgt Ion: 62 Resp: 138649
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 19.708 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

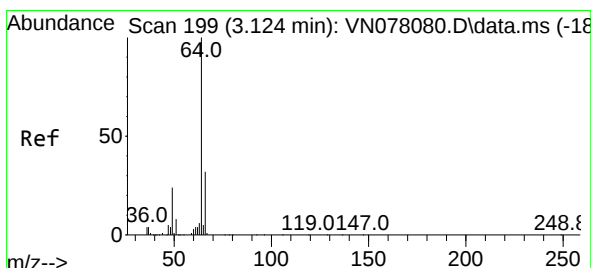
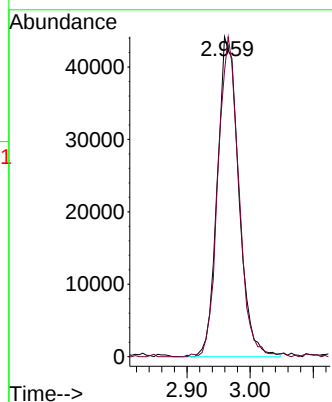
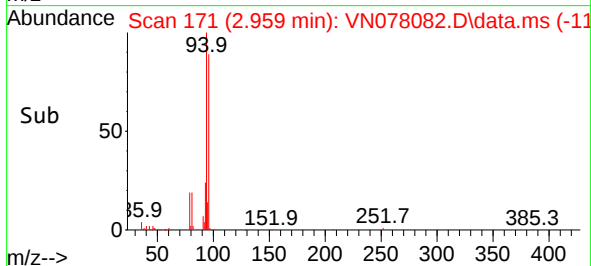
Instrument :
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Tgt Ion: 94 Resp: 103879
Ion Ratio Lower Upper
94 100
96 89.3 73.1 109.7

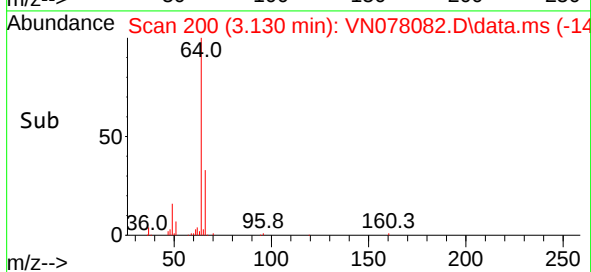
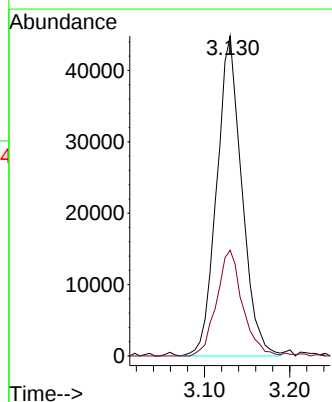
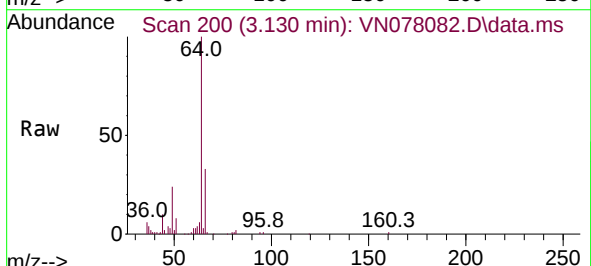
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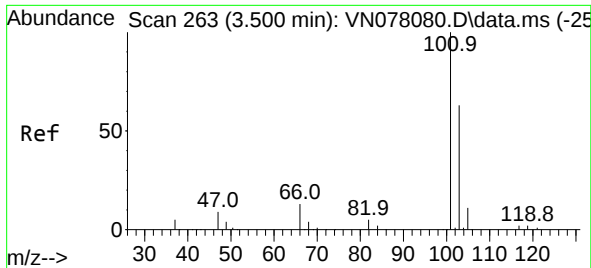
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 19.338 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
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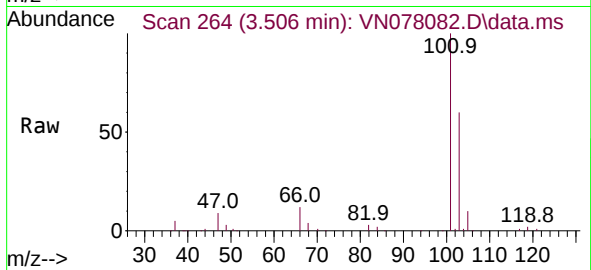
Tgt Ion: 64 Resp: 91940
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.558 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN078082.D
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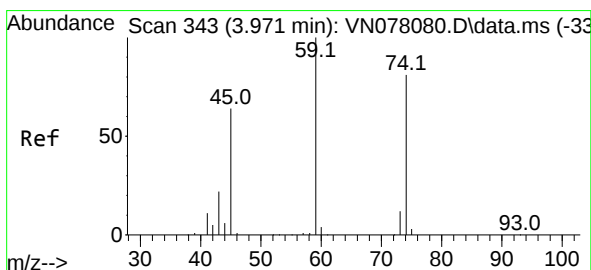
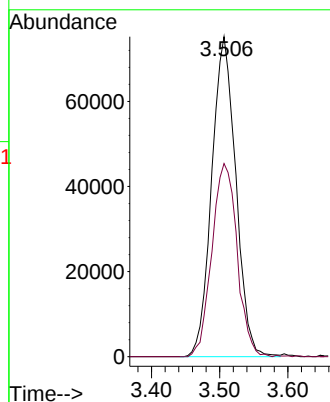
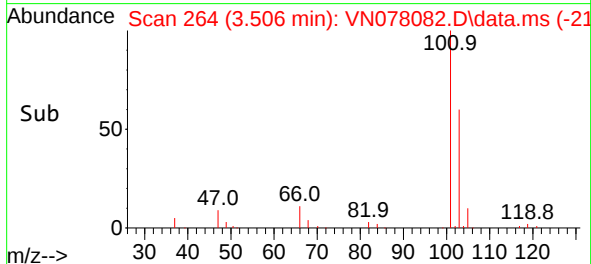
Instrument :
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 ClientSampleId :
 VSTDIC020



Tgt Ion:101 Resp: 18497
 Ion Ratio Lower Upper
 101 100
 103 60.3 50.7 76.1

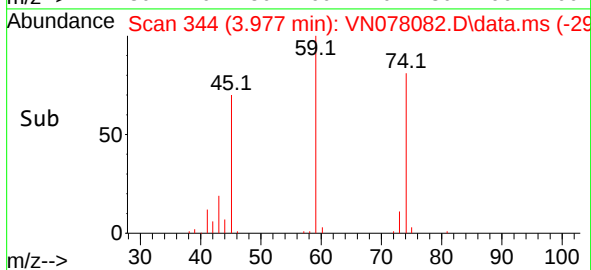
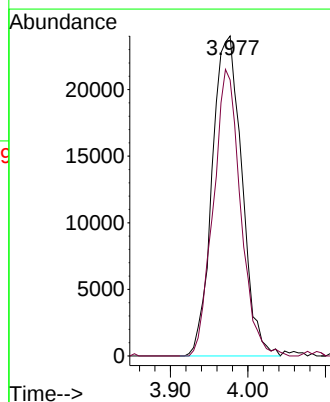
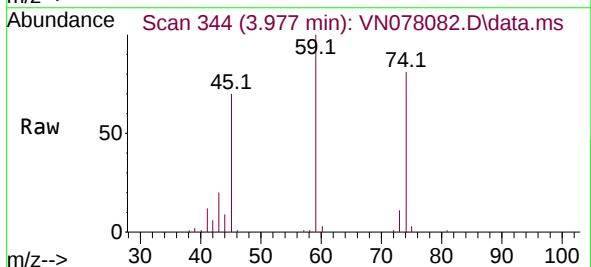
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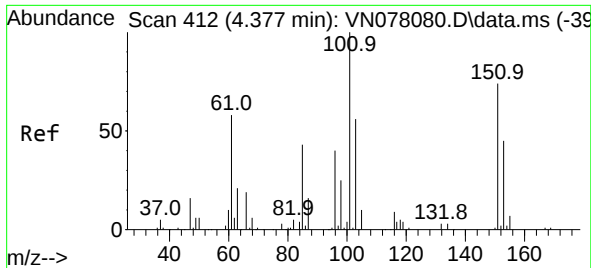
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#8
 Diethyl Ether
 Concen: 19.215 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078082.D
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Tgt Ion: 74 Resp: 63854
 Ion Ratio Lower Upper
 74 100
 45 82.4 34.4 103.3





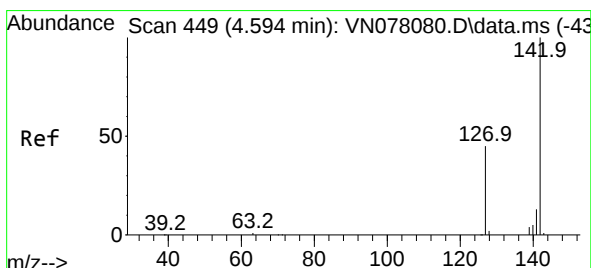
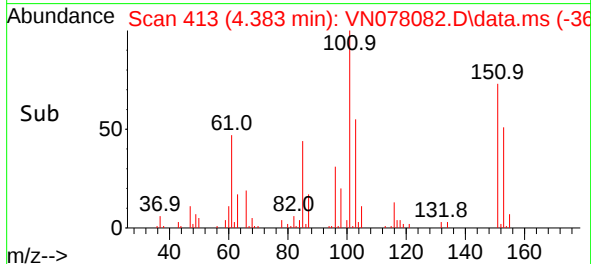
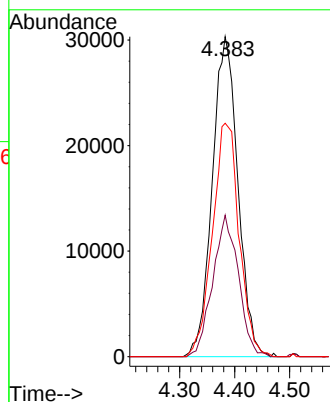
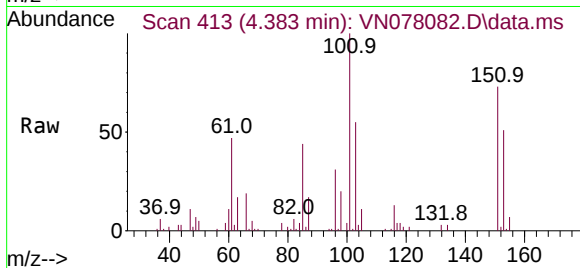
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.684 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020

Tgt Ion:101 Resp: 98250
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.0 57.6 86.4

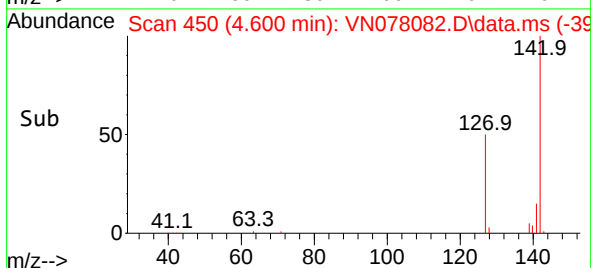
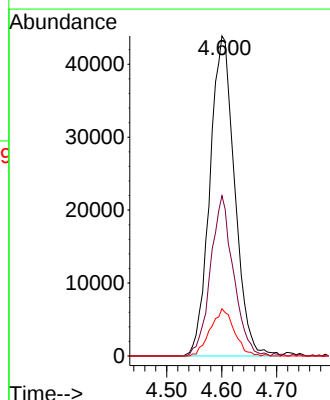
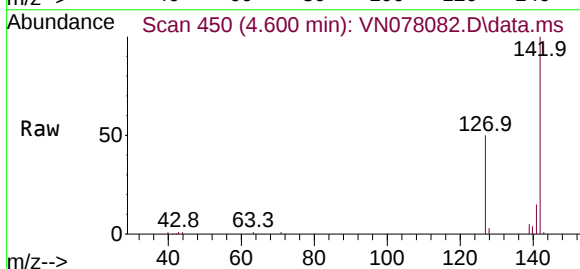
Manual Integrations
APPROVED

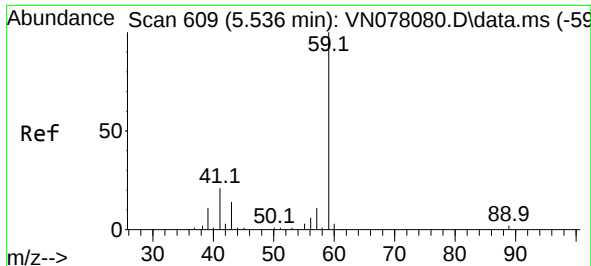
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 19.464 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

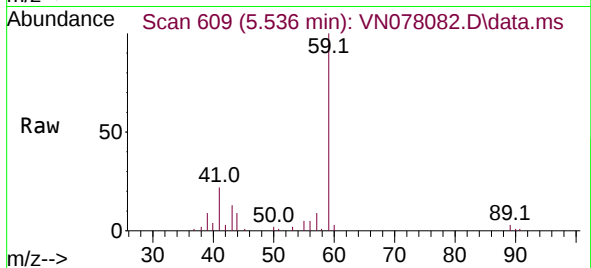
Tgt Ion:142 Resp: 137395
Ion Ratio Lower Upper
142 100
127 50.1 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 102.101 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

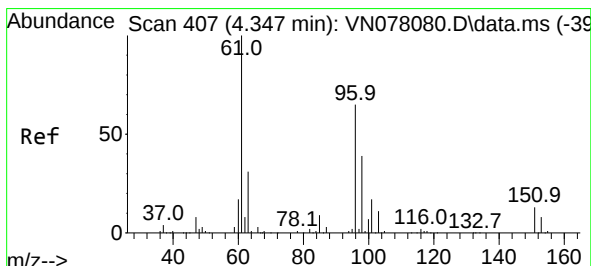
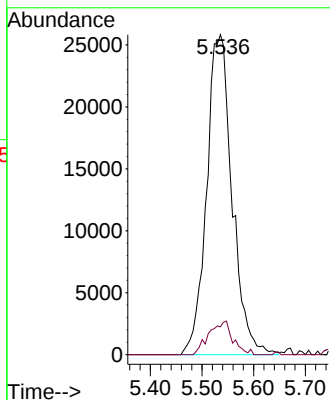
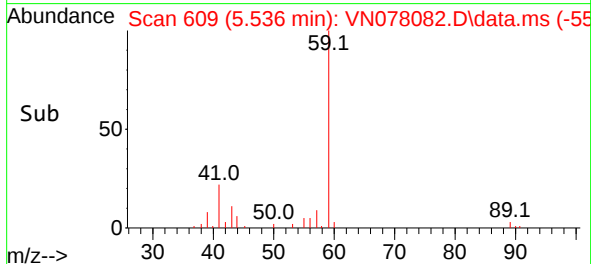
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



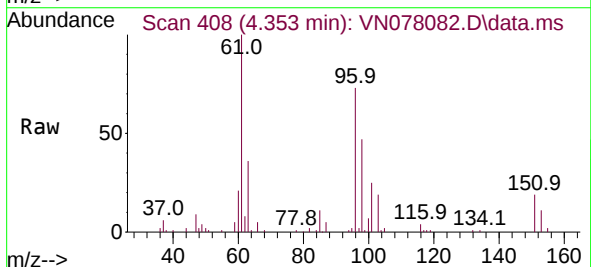
Tgt Ion: 59 Resp: 8856
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

Manual Integrations
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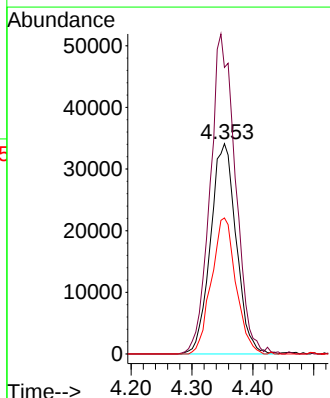
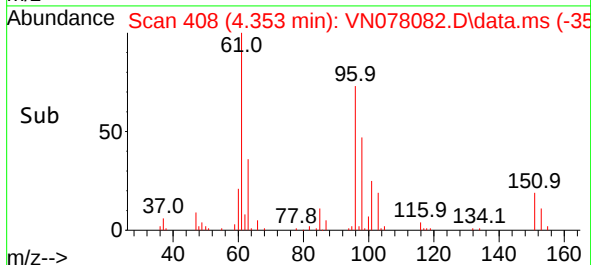
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#12
1,1-Dichloroethene
Concen: 21.330 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



Tgt Ion: 96 Resp: 99876
Ion Ratio Lower Upper
96 100
61 136.3 112.7 169.1
98 64.7 51.2 76.8





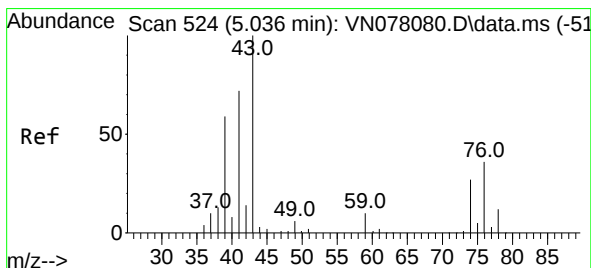
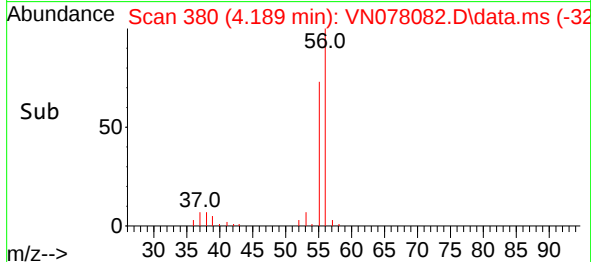
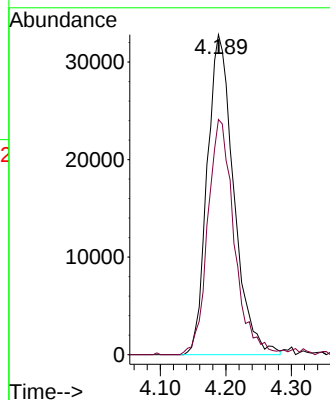
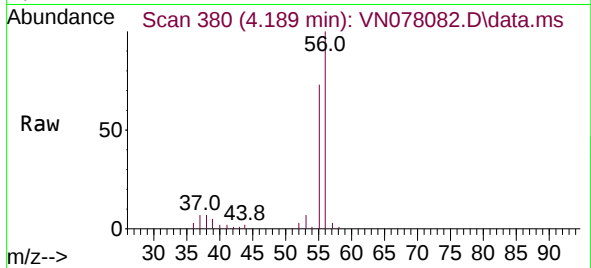
#13
Acrolein
Concen: 96.332 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 92098
Ion Ratio Lower Upper
56 100
55 72.9 54.5 81.7

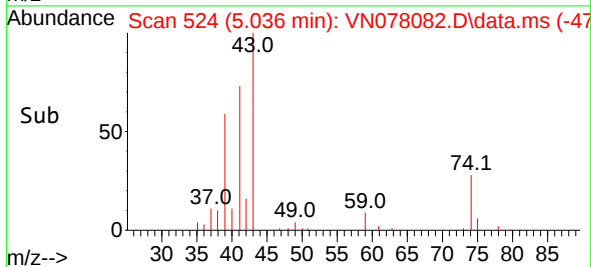
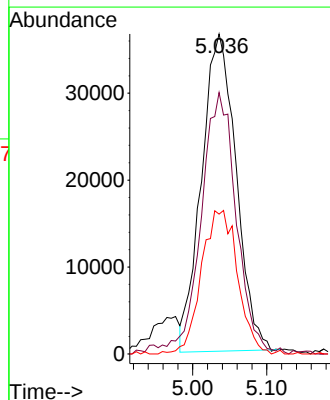
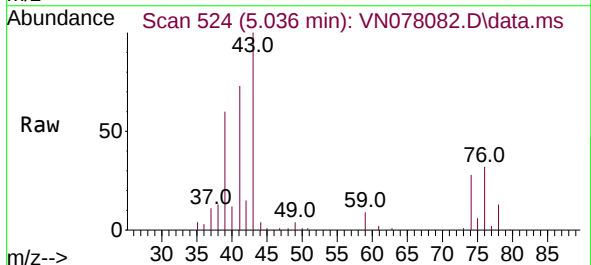
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#14
Allyl chloride
Concen: 18.857 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

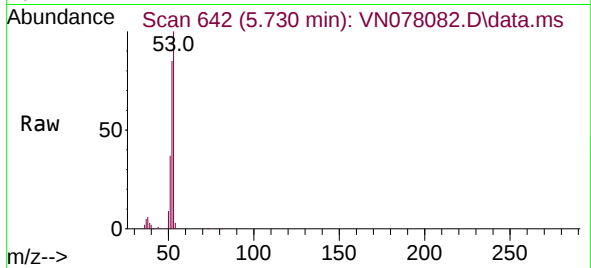
Tgt Ion: 41 Resp: 118436
Ion Ratio Lower Upper
41 100
39 83.6 58.8 88.2
76 47.2 39.1 58.7





#15
Acrylonitrile
Concen: 99.050 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

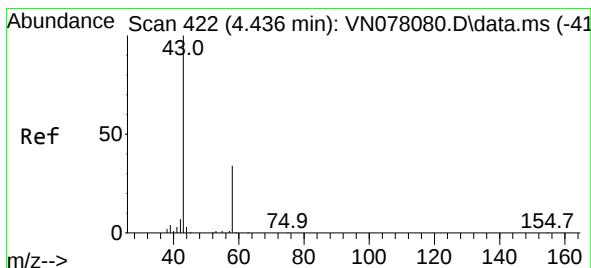
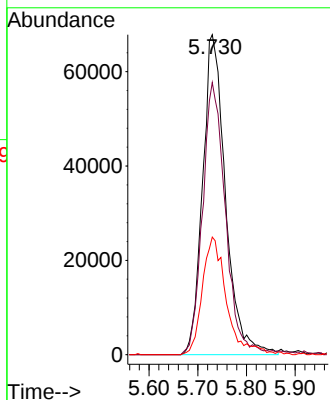
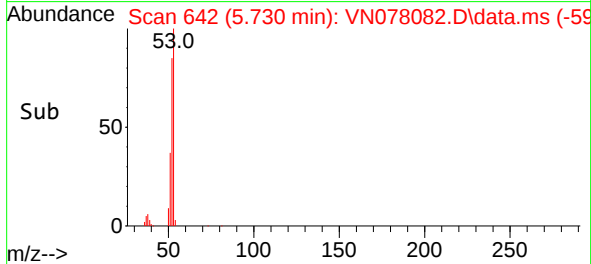
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 221518
Ion Ratio Lower Upper
53 100
52 85.6 65.3 97.9
51 38.5 28.9 43.3

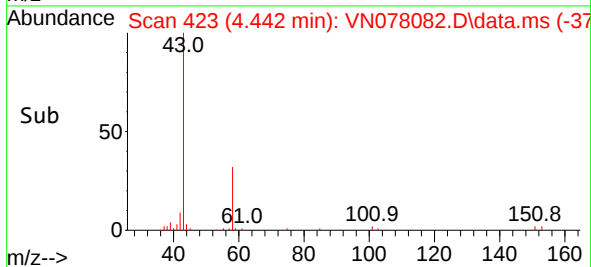
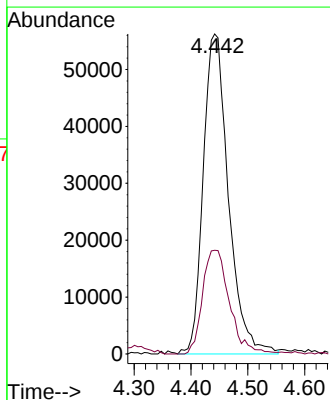
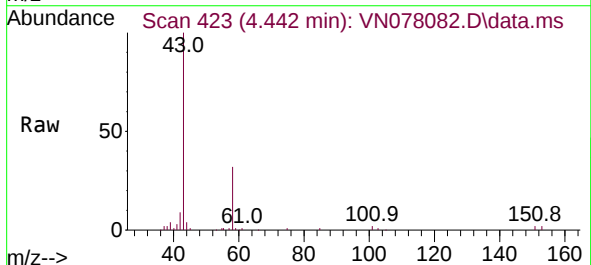
Manual Integrations
APPROVED

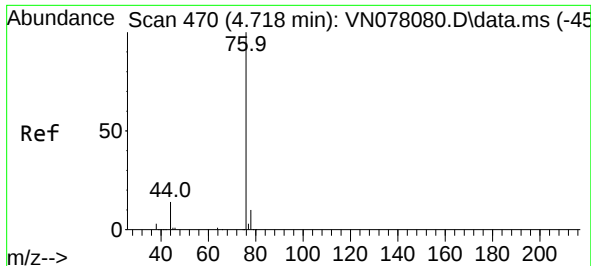
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#16
Acetone
Concen: 95.883 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

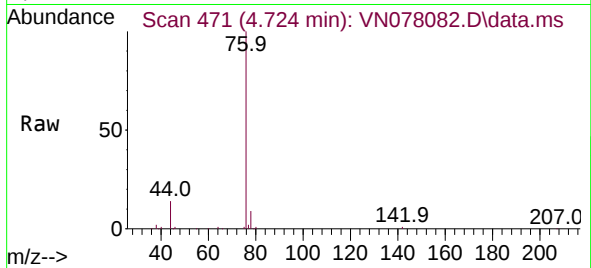
Tgt Ion: 43 Resp: 173382
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 19.169 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

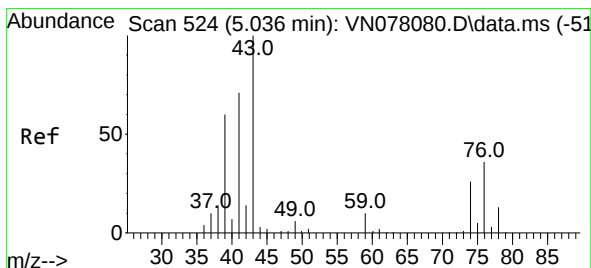
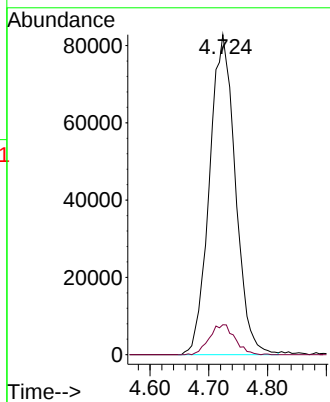
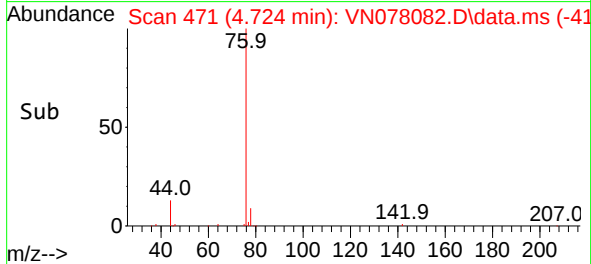
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 253870
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

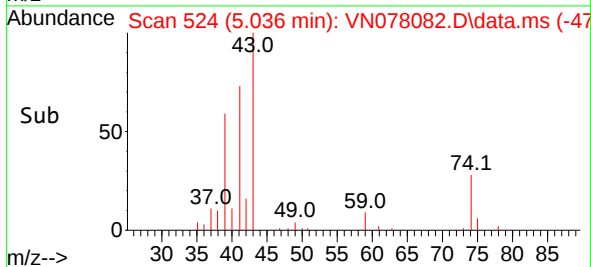
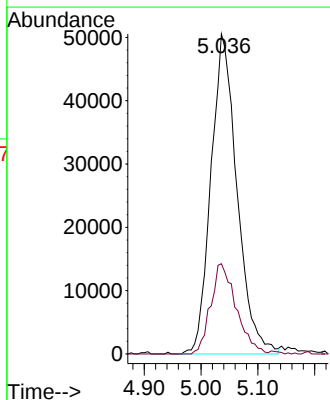
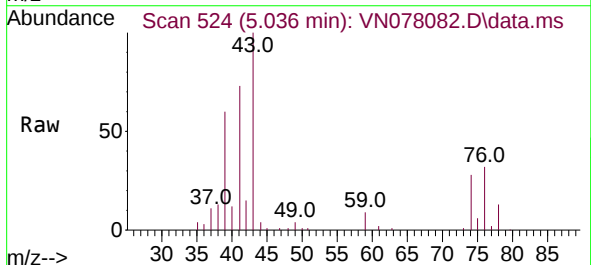
Manual Integrations
APPROVED

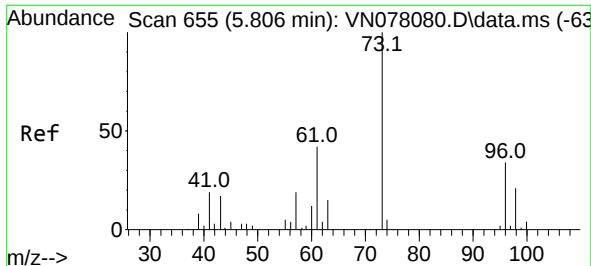
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#18
Methyl Acetate
Concen: 19.332 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion: 43 Resp: 160946
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4





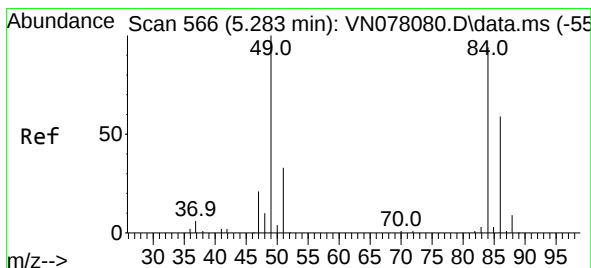
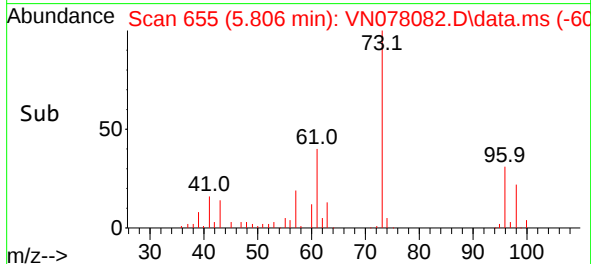
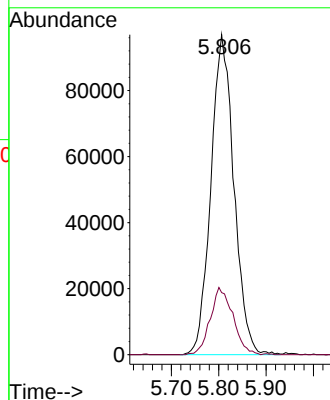
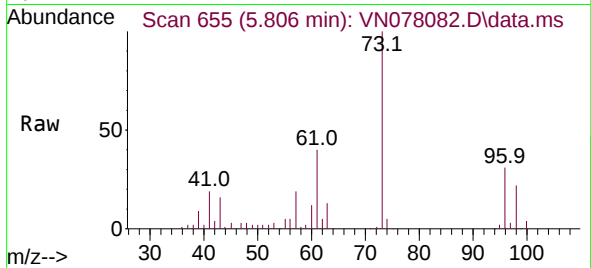
#19
Methyl tert-butyl Ether
Concen: 19.916 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 32695
Ion Ratio Lower Upper
73 100
57 19.4 15.6 23.4

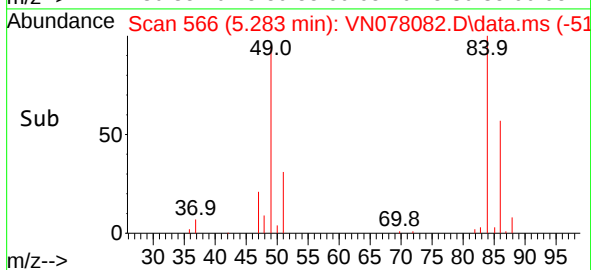
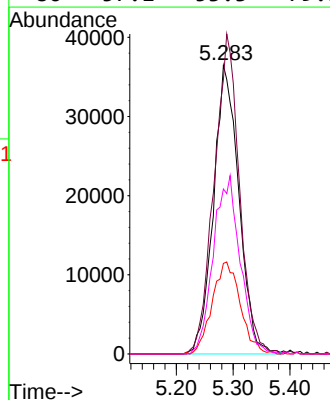
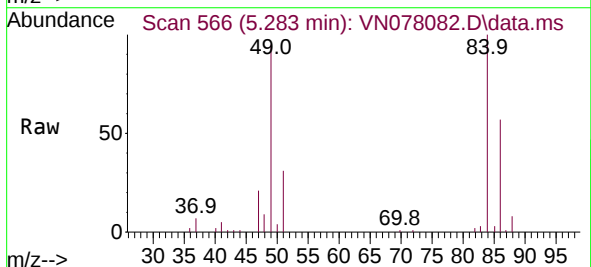
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 18.942 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

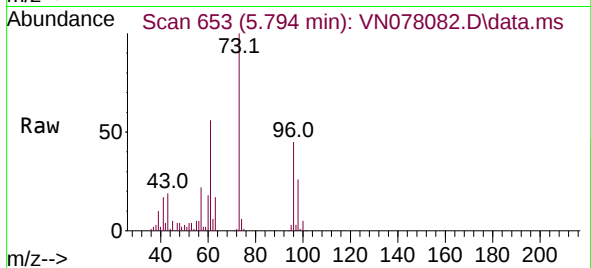
Tgt Ion: 84 Resp: 113190
Ion Ratio Lower Upper
84 100
49 95.0 79.7 119.5
51 31.3 25.2 37.8
86 57.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.883 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

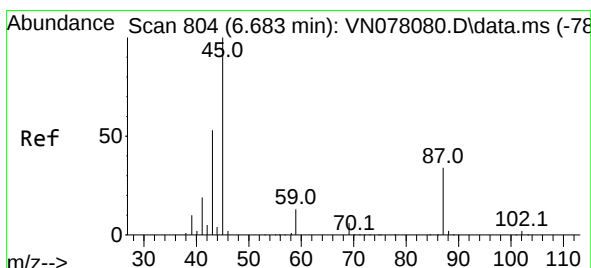
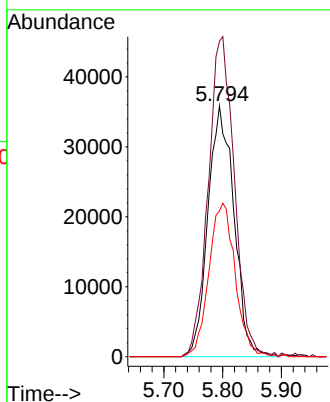
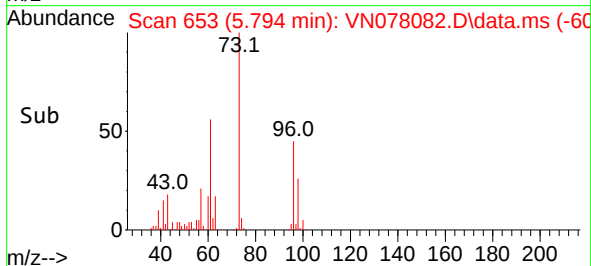
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 11034
Ion Ratio Lower Upper
96 100
61 125.8 90.1 135.1
98 58.1 46.4 69.6

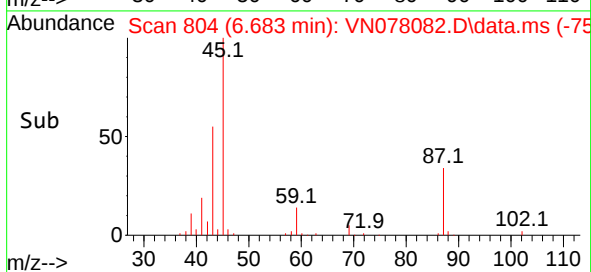
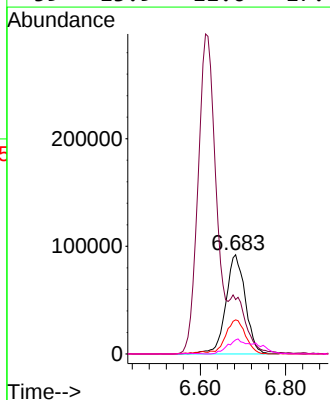
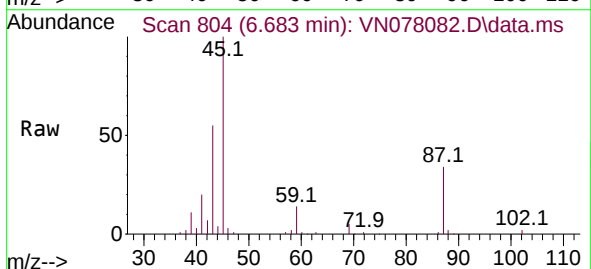
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#22
Diisopropyl ether
Concen: 19.784 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

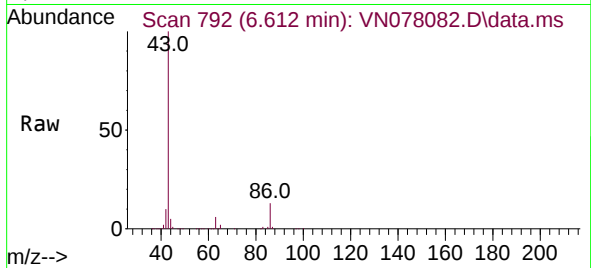
Tgt Ion: 45 Resp: 292286
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 34.4 31.8 47.8
59 13.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 100.121 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078082.D
 Acq: 06 Jun 2023 22:11

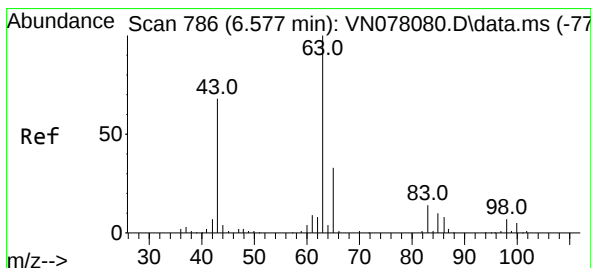
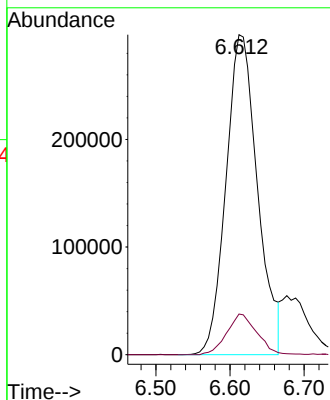
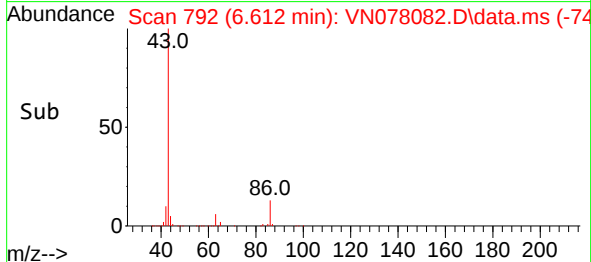
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



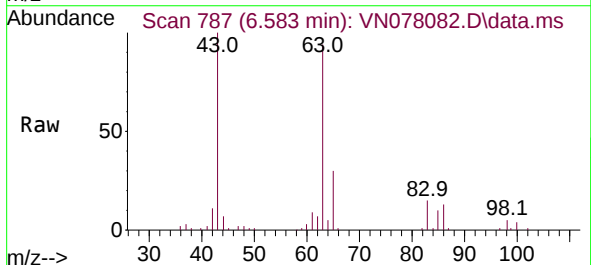
Tgt Ion: 43 Resp: 879300
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6

Manual Integrations
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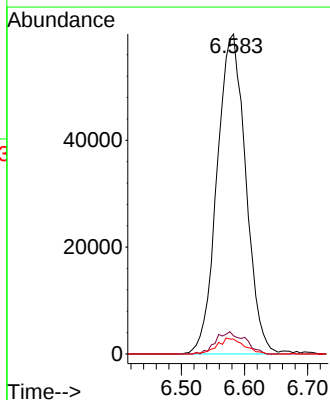
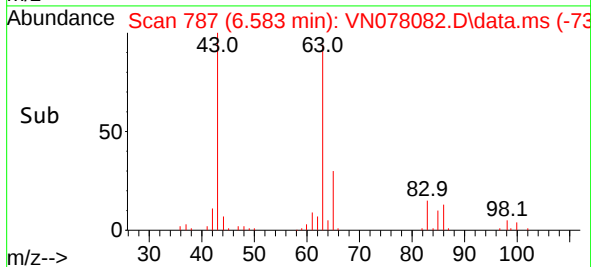
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 19.375 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078082.D
 Acq: 06 Jun 2023 22:11



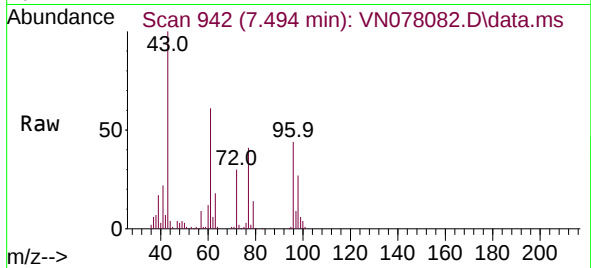
Tgt Ion: 63 Resp: 188831
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 99.832 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

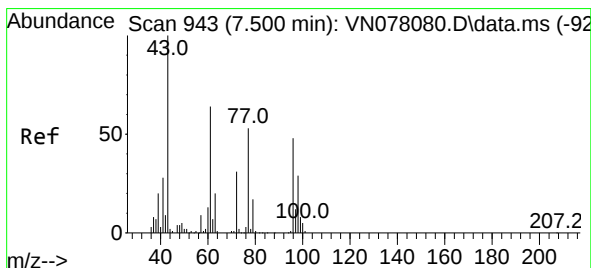
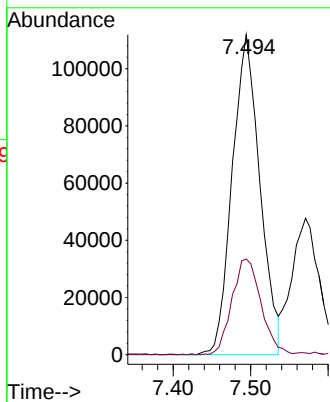
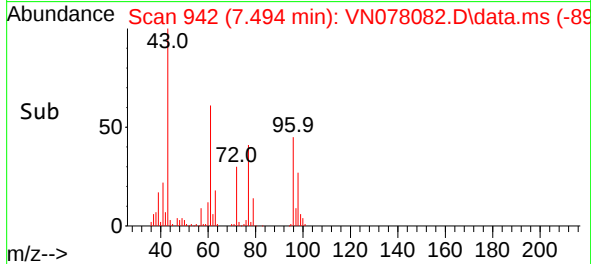
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



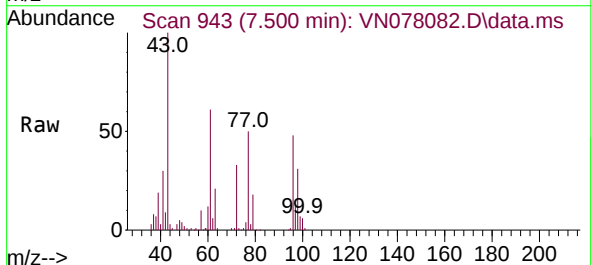
Tgt Ion: 43 Resp: 277609
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2

Manual Integrations
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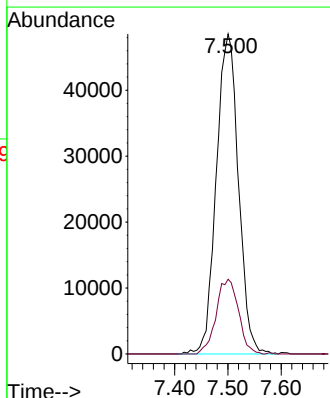
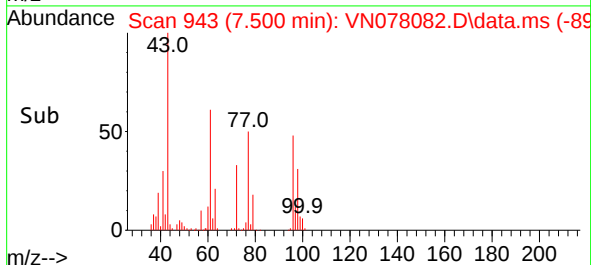
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 19.462 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



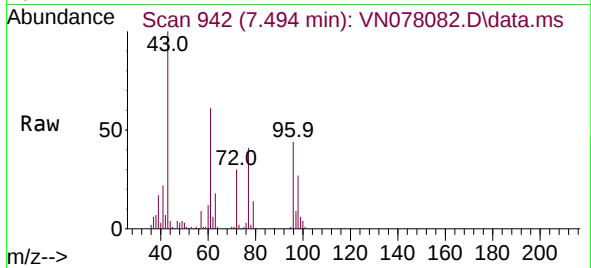
Tgt Ion: 77 Resp: 140055
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.276 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078082.D
 Acq: 06 Jun 2023 22:11

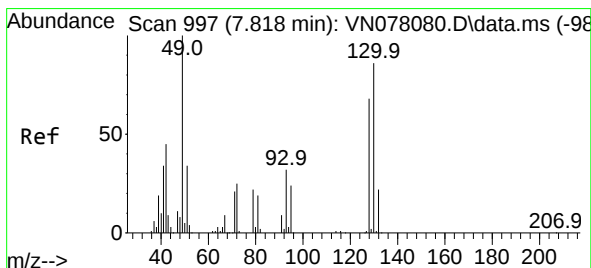
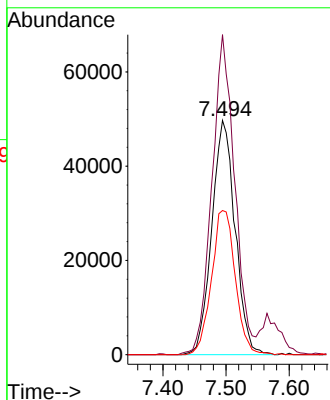
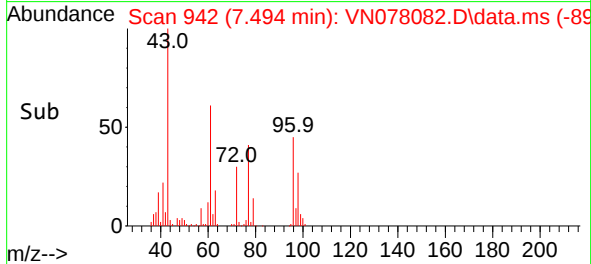
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 127600
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 255.2
 98 62.8 0.0 128.8

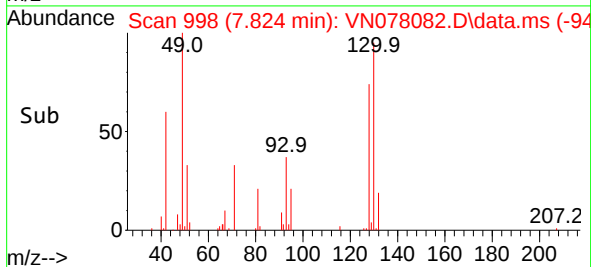
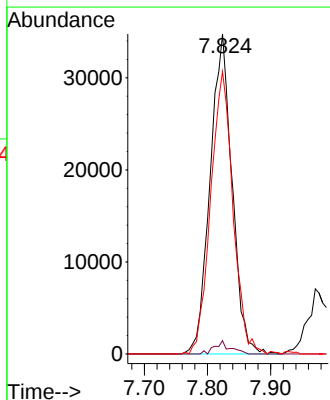
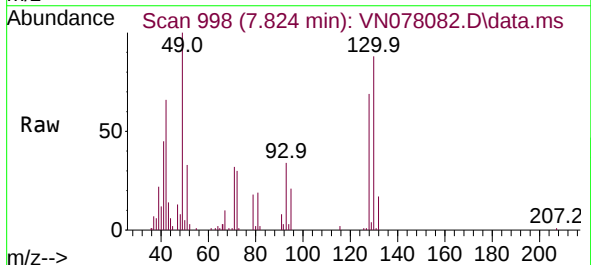
Manual Integrations
 APPROVED

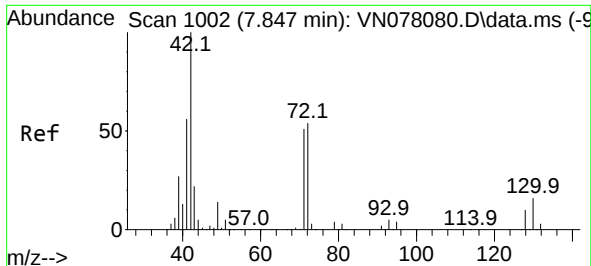
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#28
 Bromochloromethane
 Concen: 18.788 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078082.D
 Acq: 06 Jun 2023 22:11

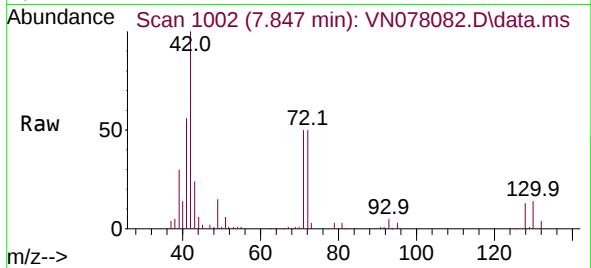
Tgt Ion: 49 Resp: 84075
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.8
 130 89.5 75.3 112.9





#29
Tetrahydrofuran
Concen: 99.501 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

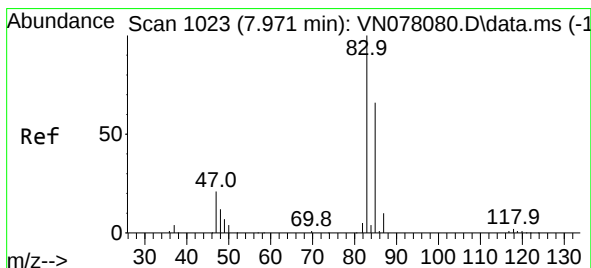
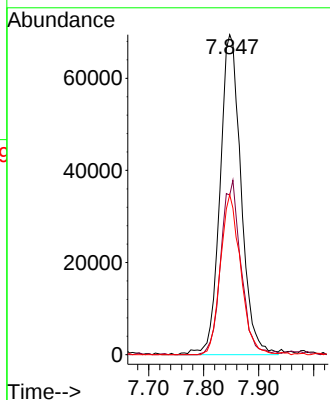
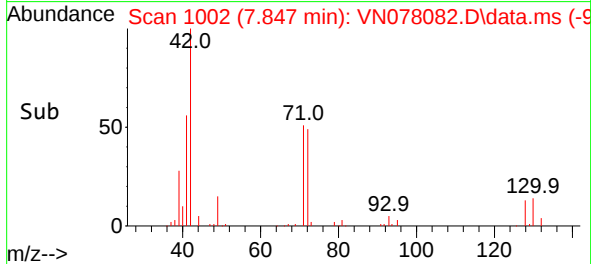
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 184960
Ion Ratio Lower Upper
42 100
72 51.9 49.8 74.6
71 48.0 47.4 71.2

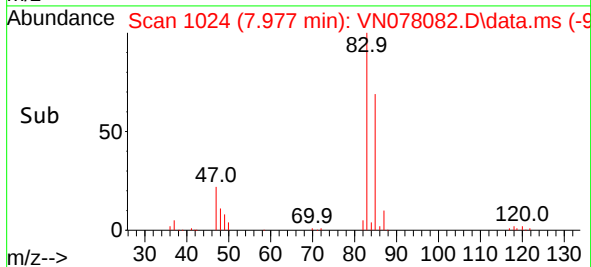
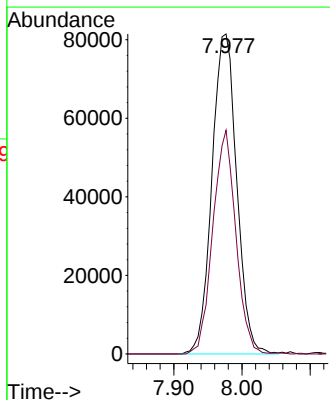
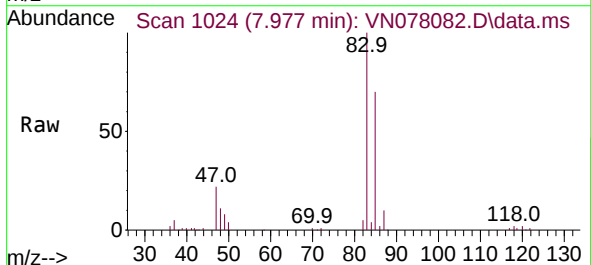
Manual Integrations
APPROVED

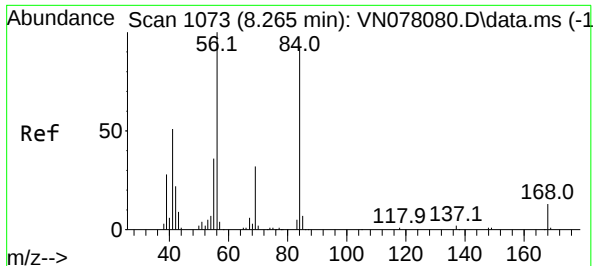
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#30
Chloroform
Concen: 19.626 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

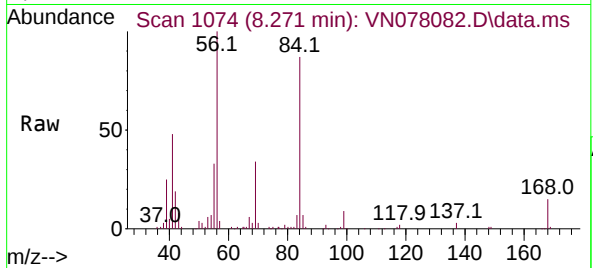
Tgt Ion: 83 Resp: 205971
Ion Ratio Lower Upper
83 100
85 69.9 55.4 83.0





#31
Cyclohexane
Concen: 20.281 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

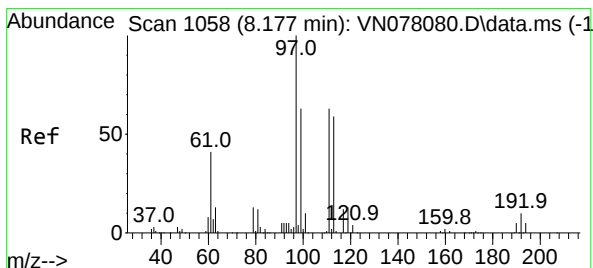
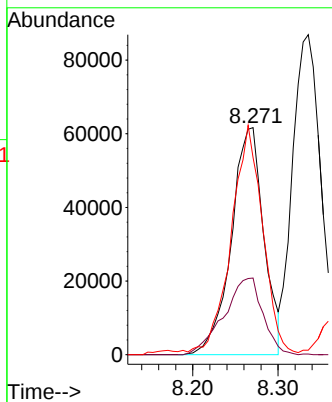
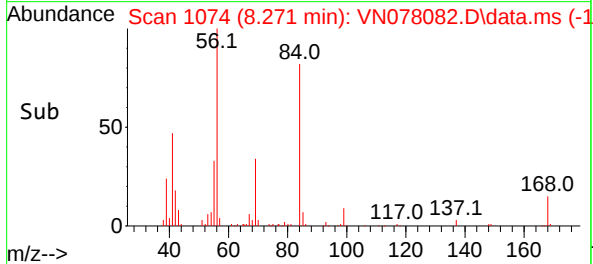
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 163440
Ion Ratio Lower Upper
56 100
69 33.8 26.8 40.2
84 85.4 81.8 122.6

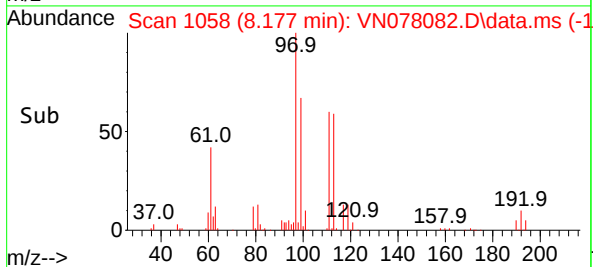
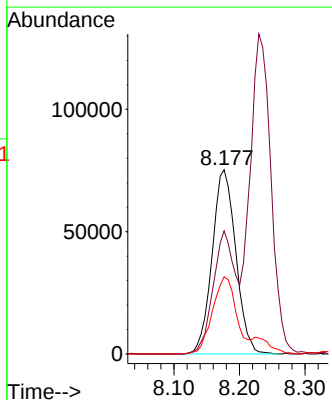
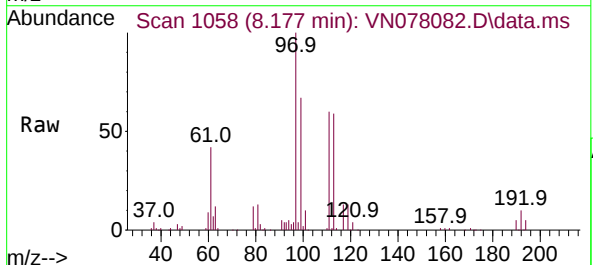
Manual Integrations
APPROVED

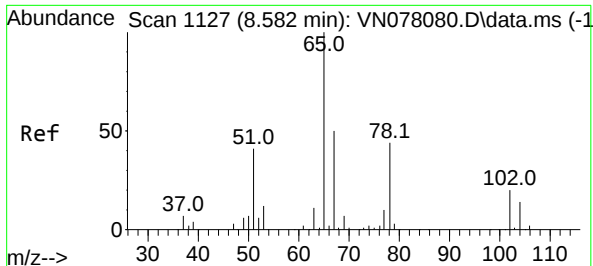
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#32
1,1,1-Trichloroethane
Concen: 20.444 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion: 97 Resp: 188368
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 19.972 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 12547

Ion Ratio Lower Upper

65 100

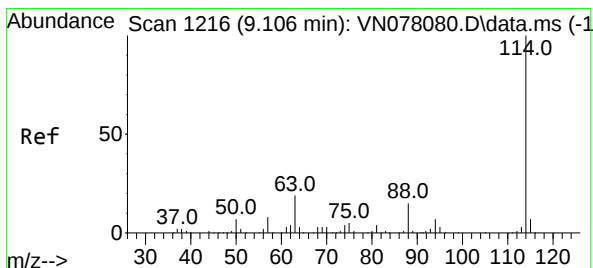
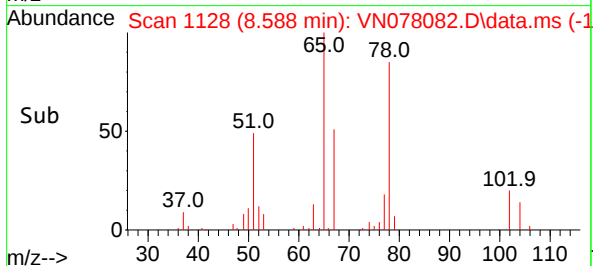
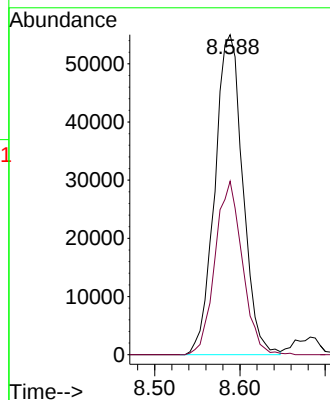
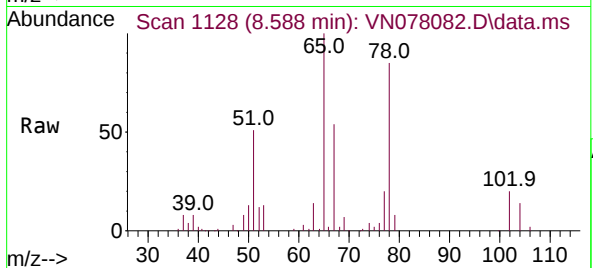
67 52.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

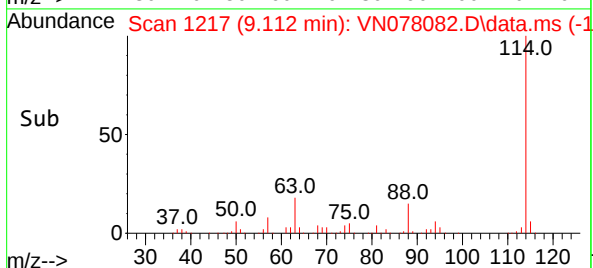
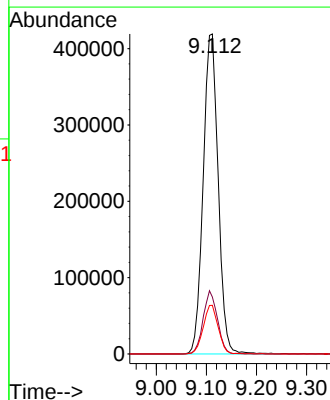
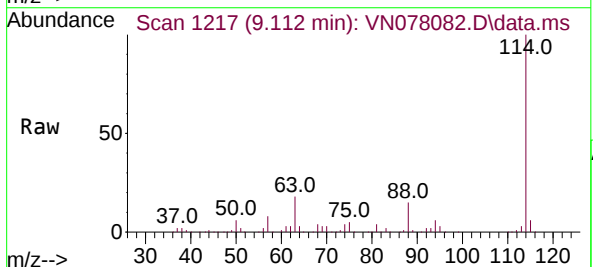
Tgt Ion:114 Resp: 871309

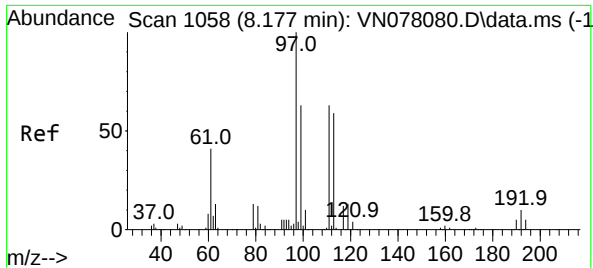
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

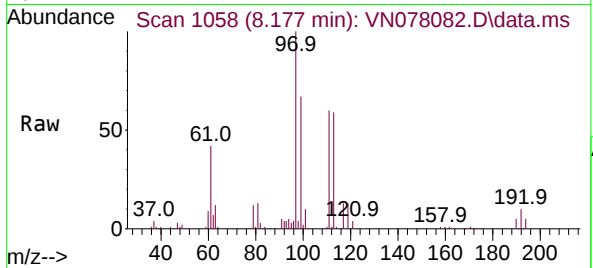
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 19.759 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

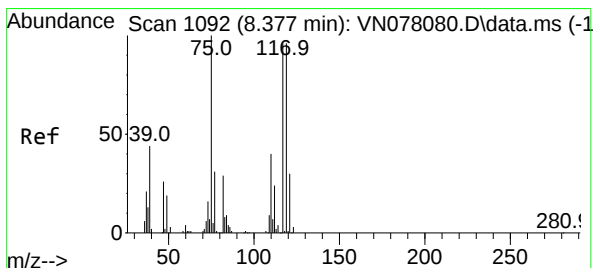
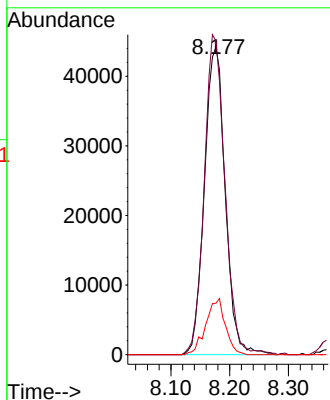
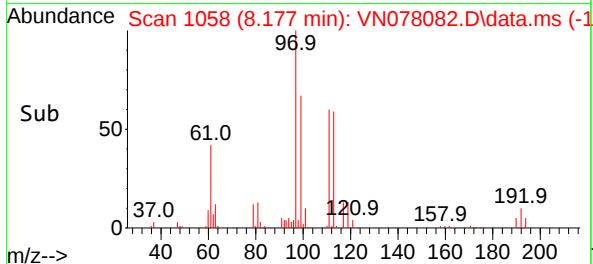
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



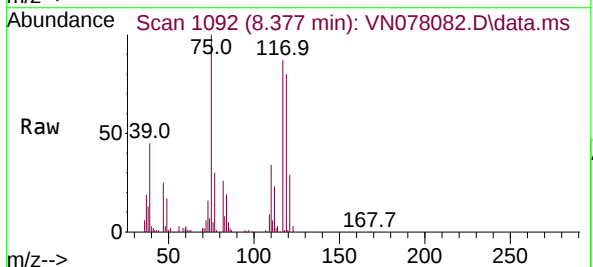
Tgt Ion: 113 Resp: 10885
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.1 12.7 19.1

Manual Integrations
APPROVED

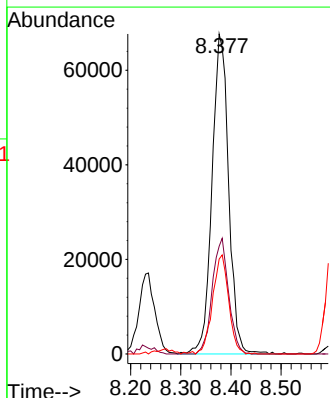
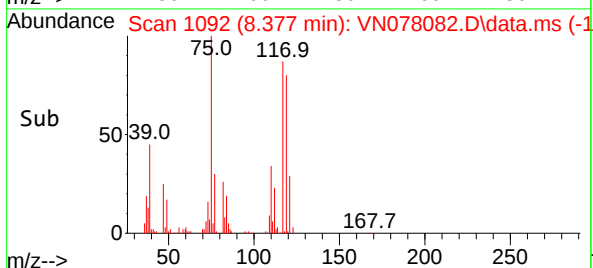
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

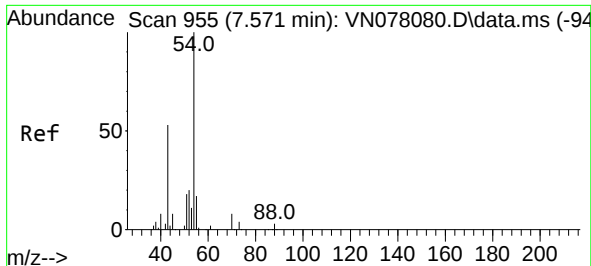


#36
1,1-Dichloropropene
Concen: 19.748 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



Tgt Ion: 75 Resp: 156052
Ion Ratio Lower Upper
75 100
110 35.4 19.1 57.3
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 19.834 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 12244

Ion Ratio Lower Upper

43 100

61 13.9 13.2 19.8

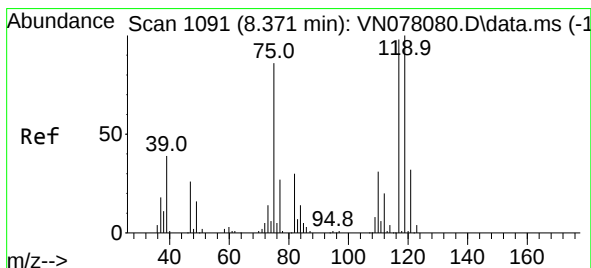
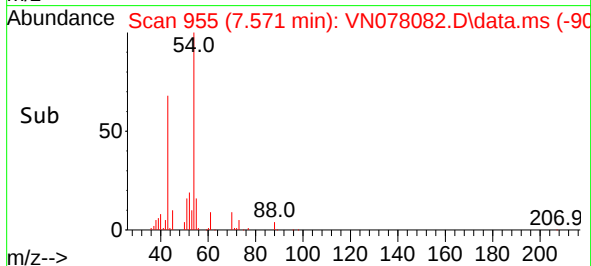
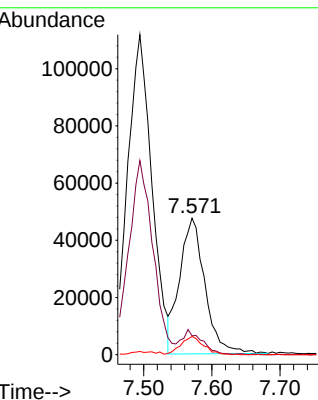
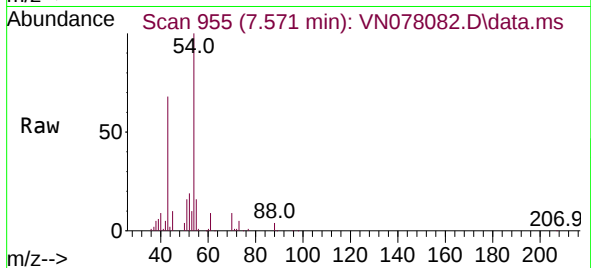
70 12.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#38

Carbon Tetrachloride

Concen: 18.998 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

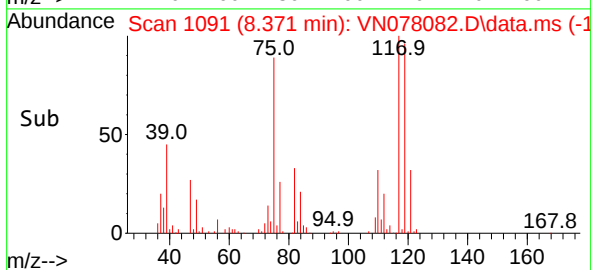
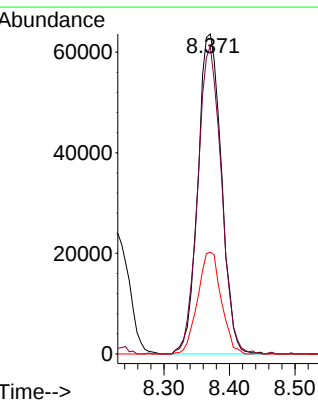
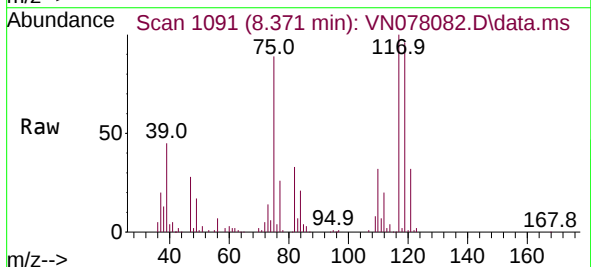
Tgt Ion:117 Resp: 158522

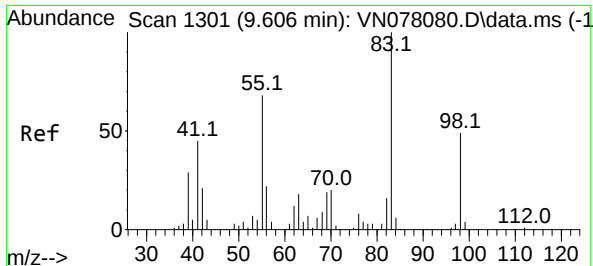
Ion Ratio Lower Upper

117 100

119 96.2 77.3 115.9

121 31.8 23.3 34.9





#39

Methylcyclohexane

Concen: 19.653 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

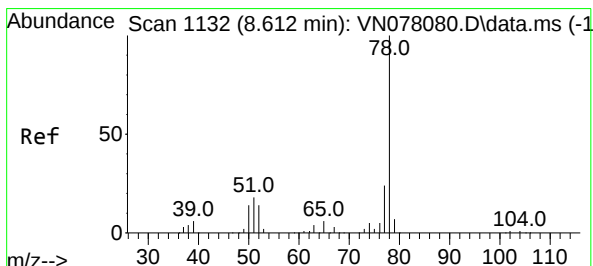
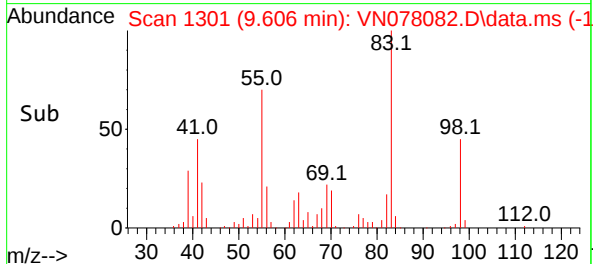
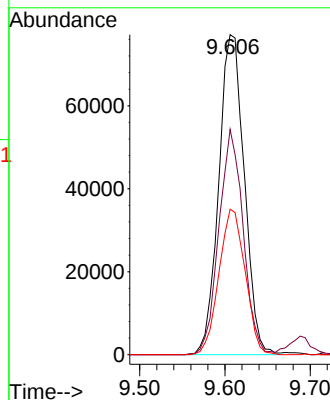
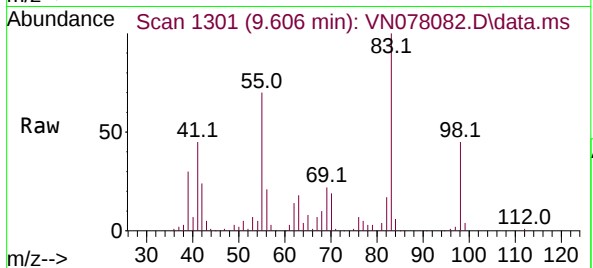
Tgt Ion: 83 Resp: 160944
 Ion Ratio Lower Upper
 83 100
 55 70.4 49.1 73.7
 98 45.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#40

Benzene

Concen: 19.694 ug/l

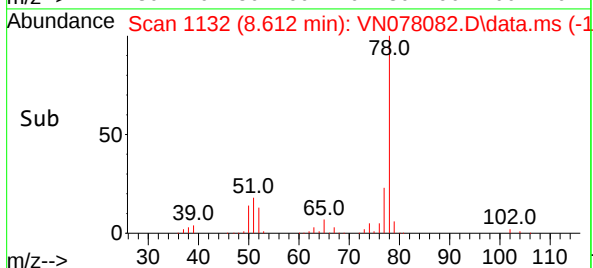
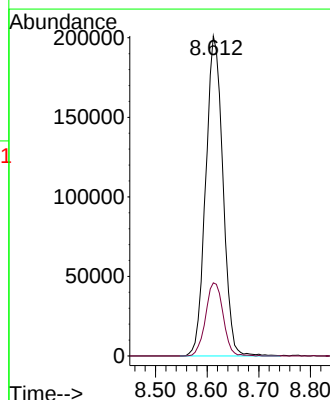
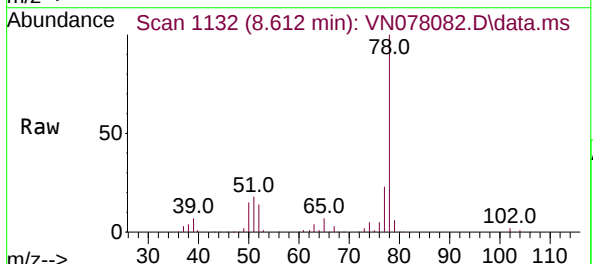
RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

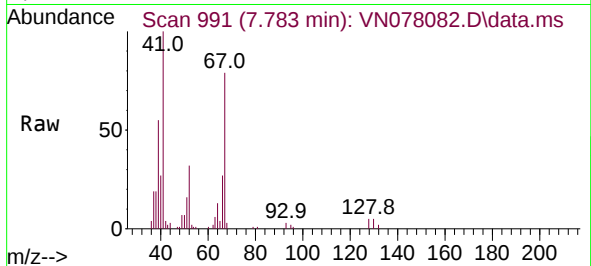
Tgt Ion: 78 Resp: 464617
 Ion Ratio Lower Upper
 78 100
 77 22.8 19.0 28.6





#41
Methacrylonitrile
Concen: 19.552 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

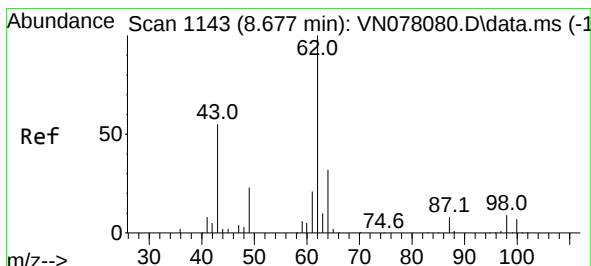
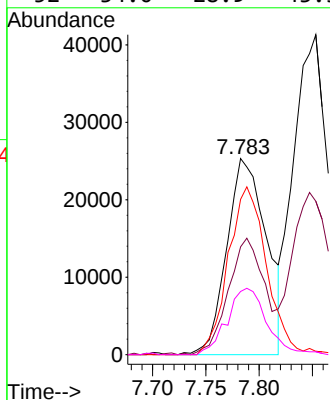
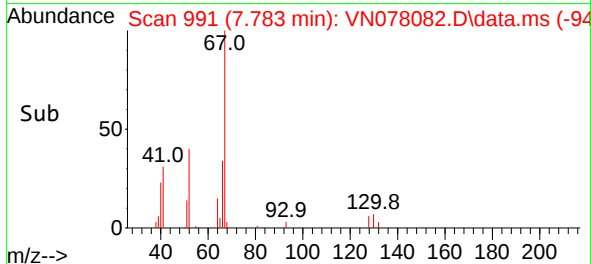
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 6542
Ion Ratio Lower Upper
41 100
39 52.8 42.6 64.0
67 83.2 77.5 116.3
52 34.0 28.9 43.3

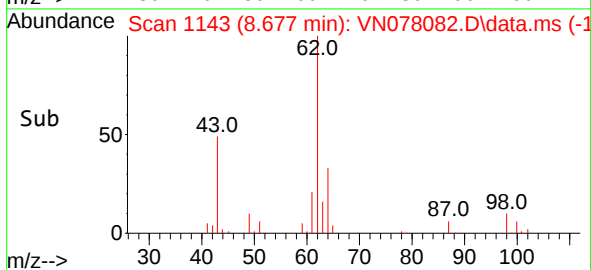
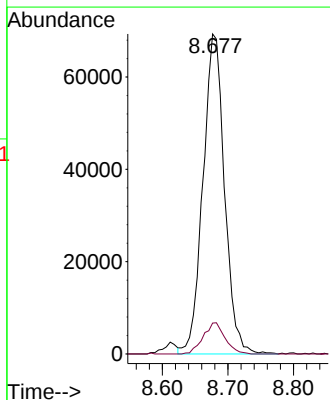
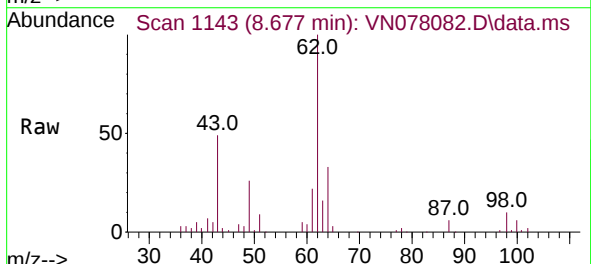
Manual Integrations
APPROVED

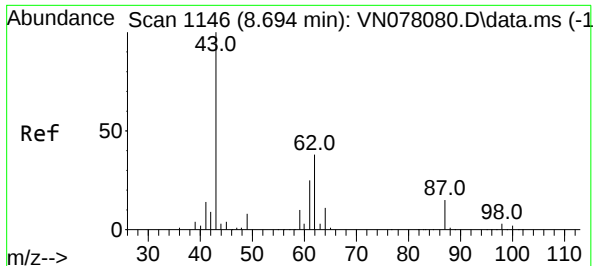
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#42
1,2-Dichloroethane
Concen: 19.611 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

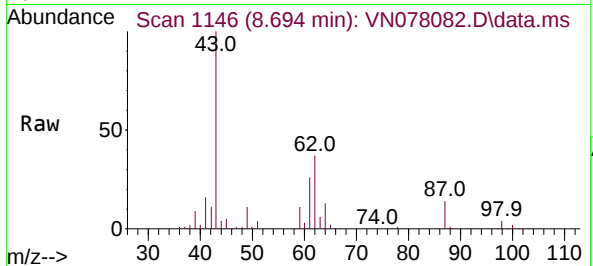
Tgt Ion: 62 Resp: 158634
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.547 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

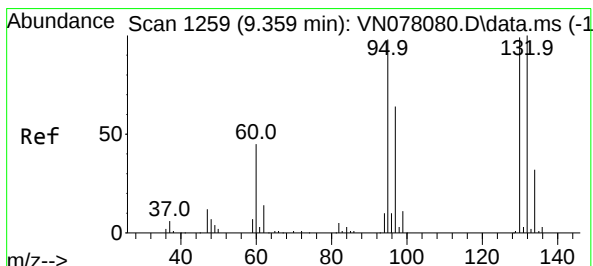
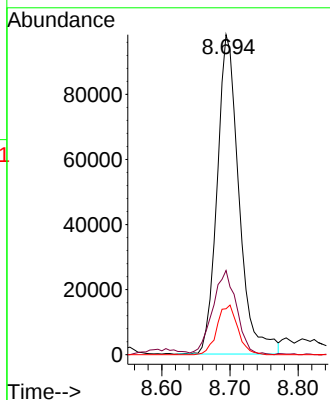
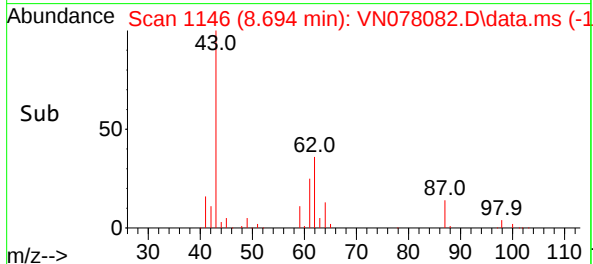
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



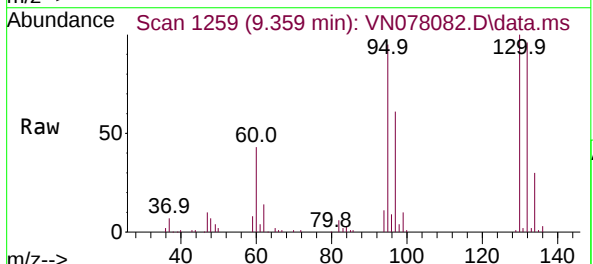
Tgt Ion: 43 Resp: 218969
Ion Ratio Lower Upper
43 100
61 28.9 24.7 37.1
87 14.8 14.6 21.8

Manual Integrations
APPROVED

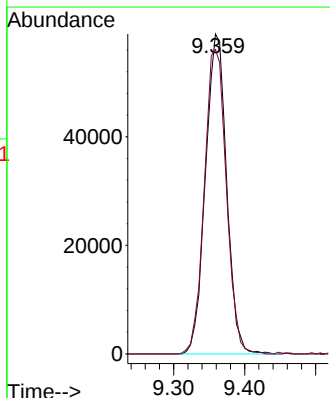
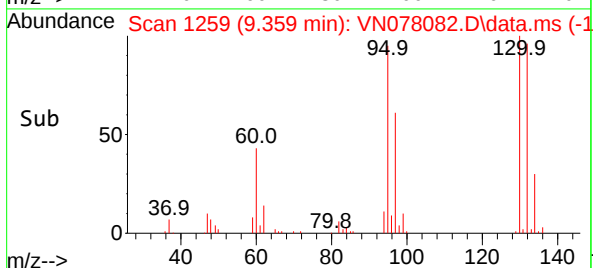
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#44
Trichloroethene
Concen: 19.594 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



Tgt Ion:130 Resp: 122073
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.917 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 11690

Ion Ratio Lower Upper

63 100

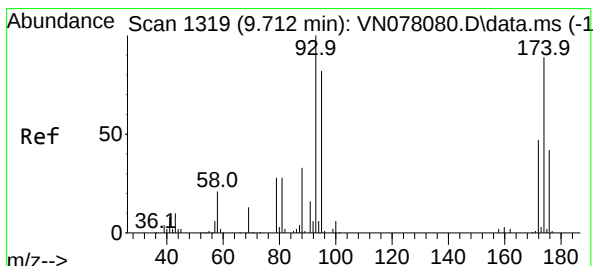
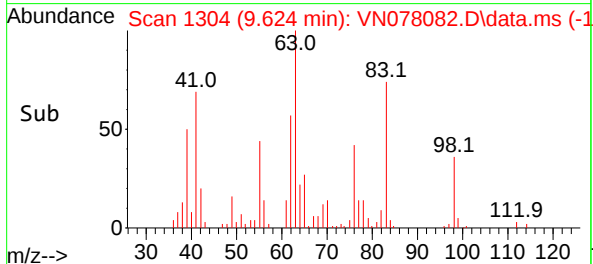
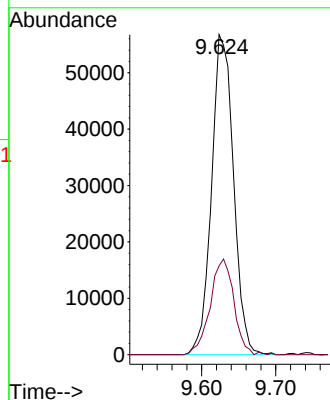
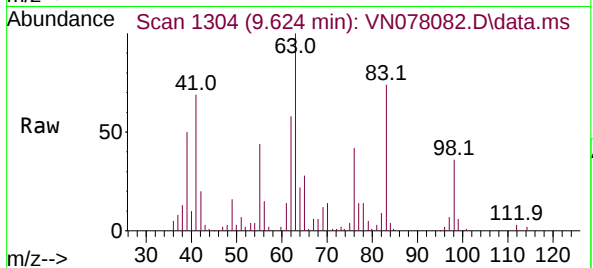
65 27.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#46

Dibromomethane

Concen: 19.442 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

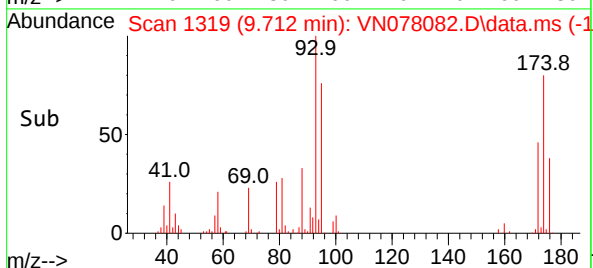
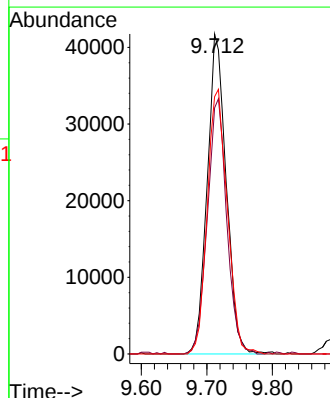
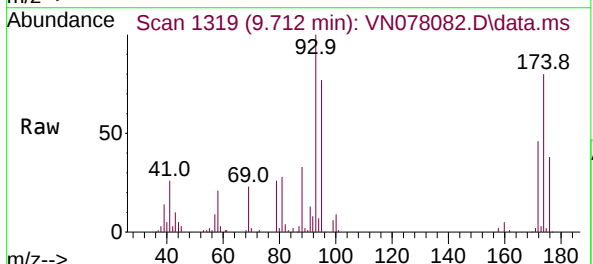
Tgt Ion: 93 Resp: 84056

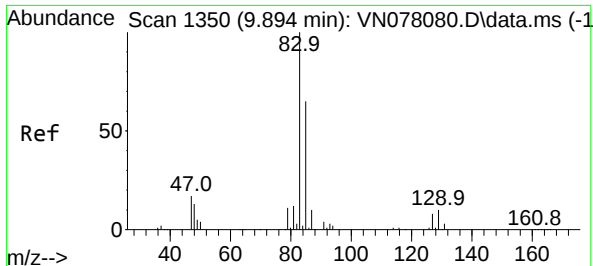
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

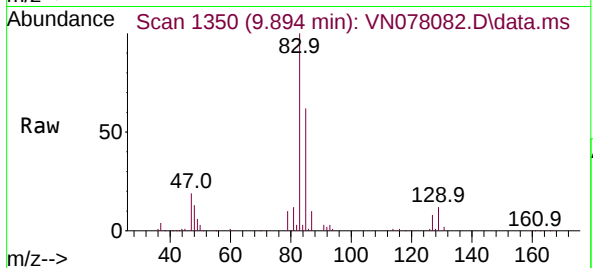
174 87.3 65.6 98.4





#47
Bromodichloromethane
Concen: 20.057 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

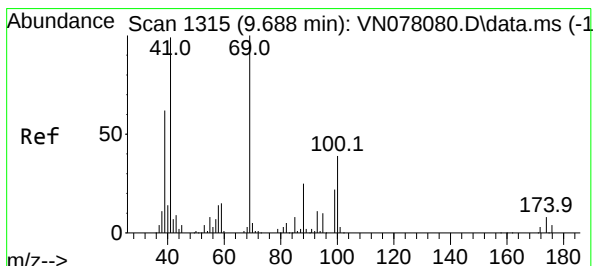
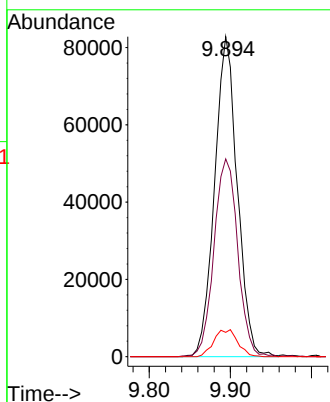
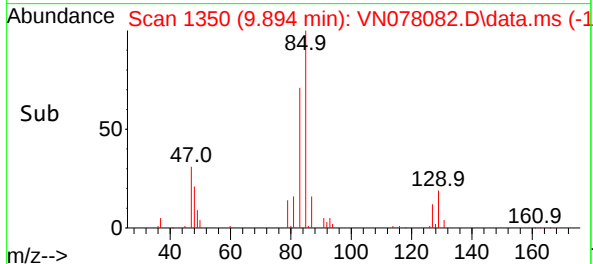
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 16107
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 7.6 7.0 10.6

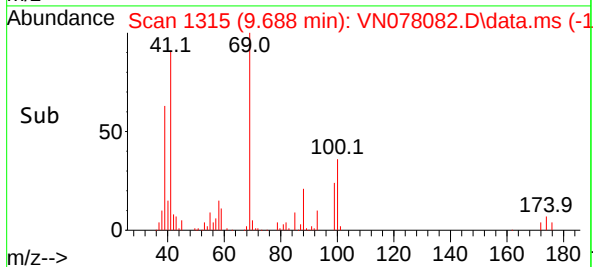
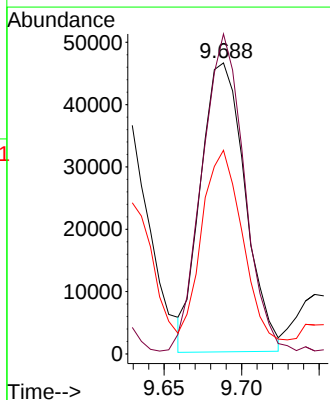
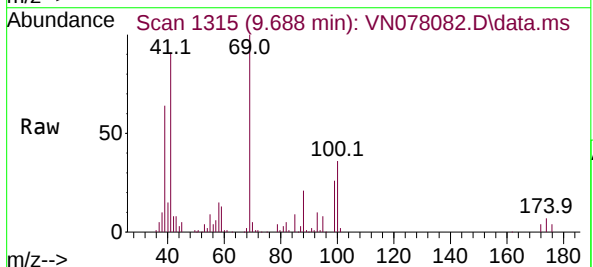
Manual Integrations
APPROVED

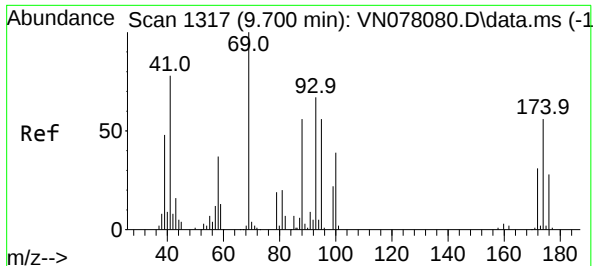
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#48
Methyl methacrylate
Concen: 18.694 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion: 41 Resp: 92618
Ion Ratio Lower Upper
41 100
69 107.9 90.4 135.6
39 68.0 54.6 81.8





#49

1,4-Dioxane

Concen: 389.063 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 40514

Ion Ratio Lower Upper

88 100

43 13.3 17.0 25.6

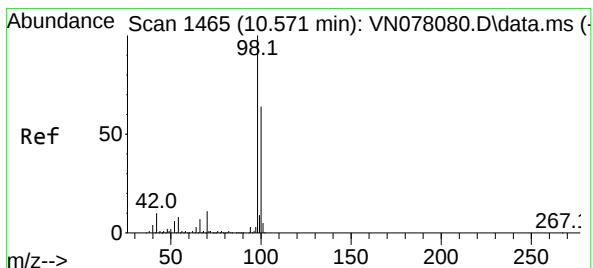
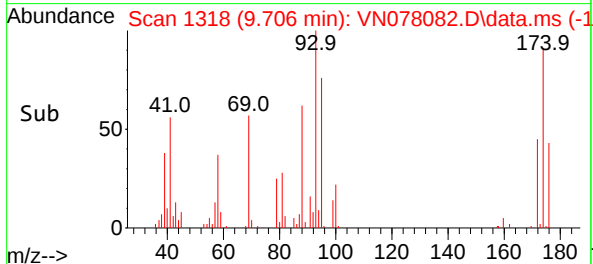
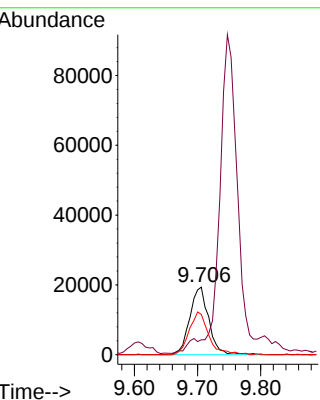
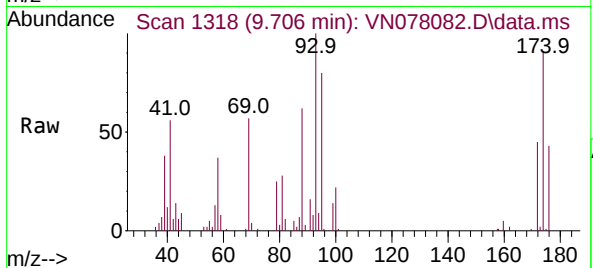
58 64.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#50

Toluene-d8

Concen: 19.335 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078082.D

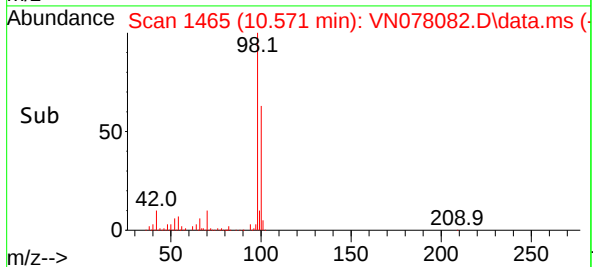
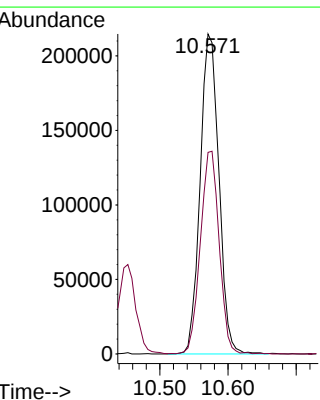
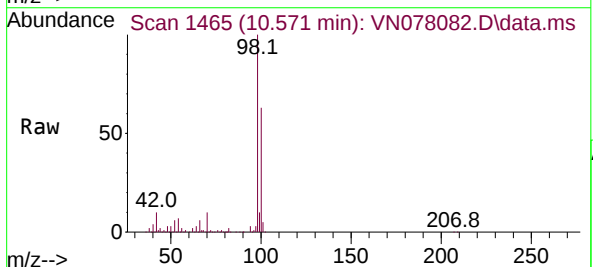
Acq: 06 Jun 2023 22:11

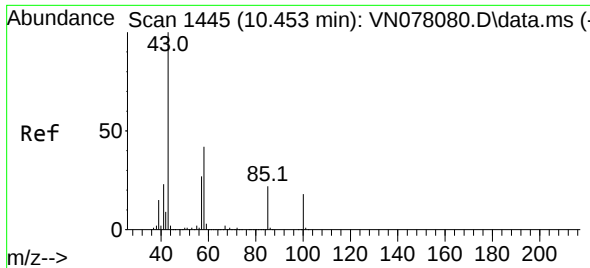
Tgt Ion: 98 Resp: 410636

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0





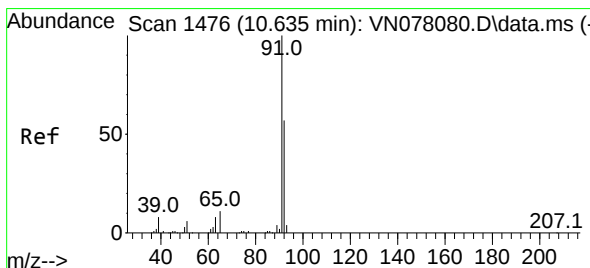
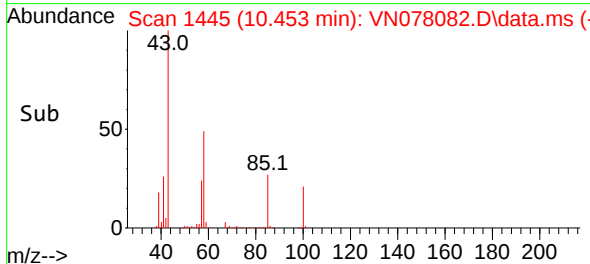
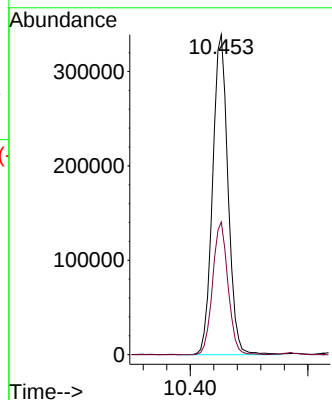
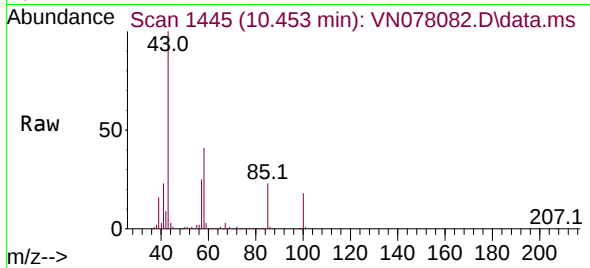
#51
4-Methyl-2-Pentanone
Concen: 99.183 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 616614
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

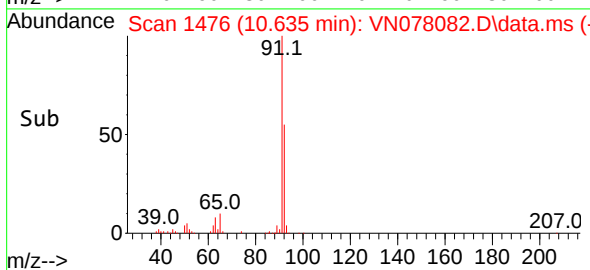
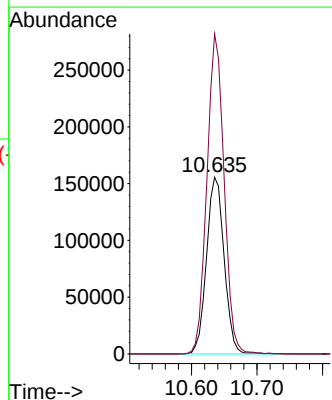
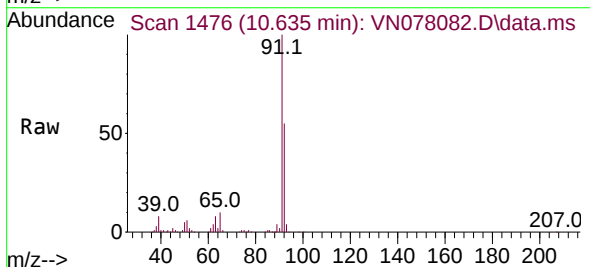
Manual Integrations
APPROVED

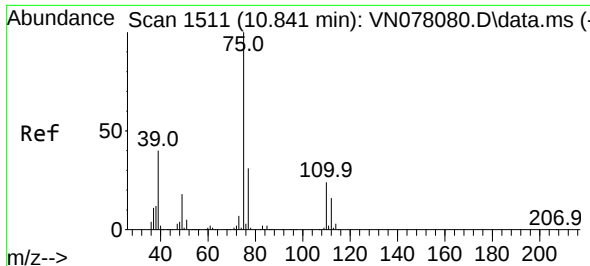
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#52
Toluene
Concen: 19.530 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion: 92 Resp: 290902
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





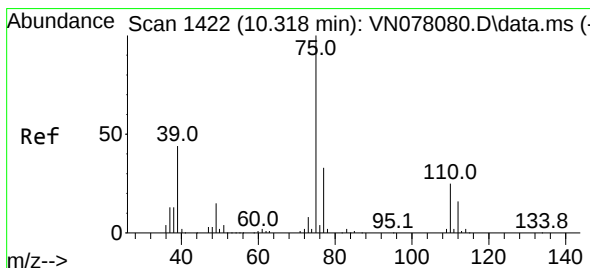
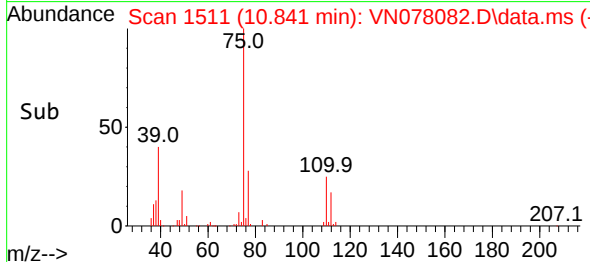
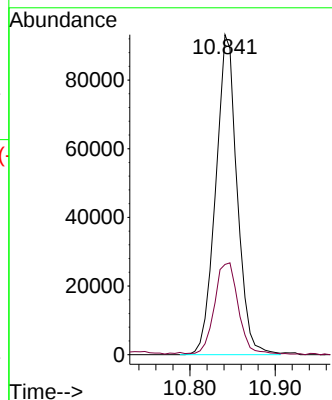
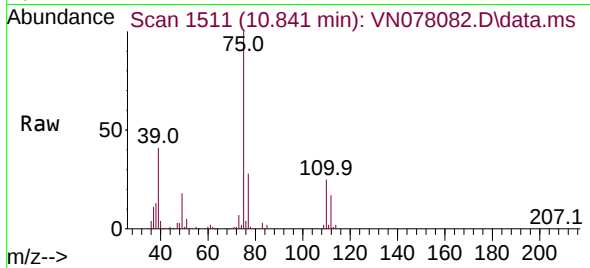
#53
t-1,3-Dichloropropene
Concen: 19.491 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 16301
Ion Ratio Lower Upper
75 100
77 27.9 25.4 38.0

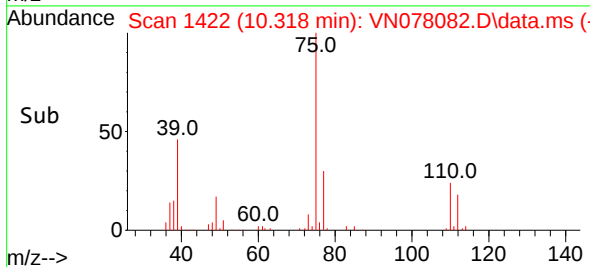
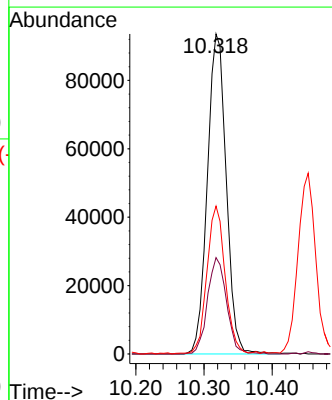
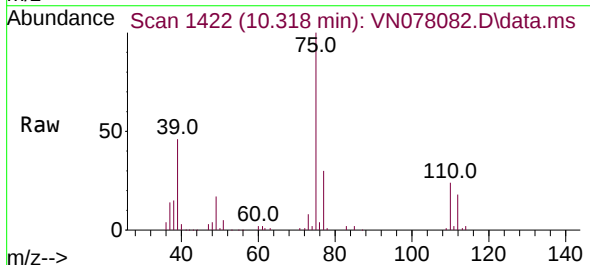
Manual Integrations
APPROVED

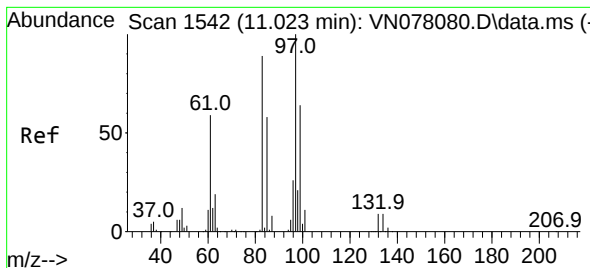
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#54
cis-1,3-Dichloropropene
Concen: 19.497 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

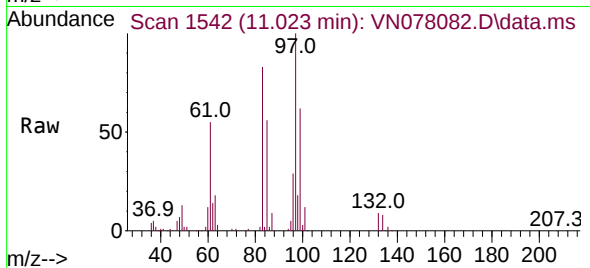
Tgt Ion: 75 Resp: 180258
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1
39 45.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.956 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

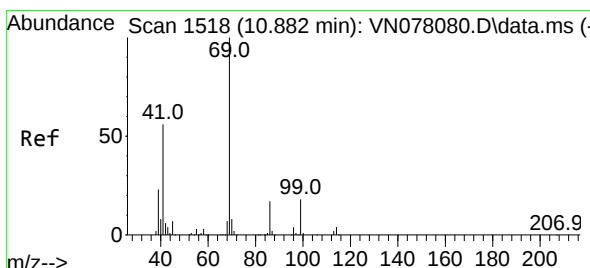
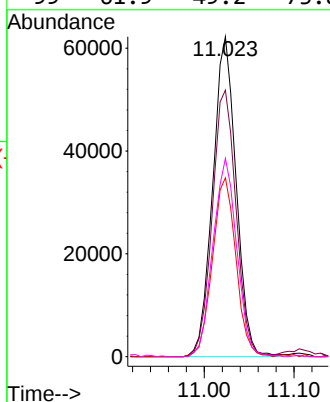
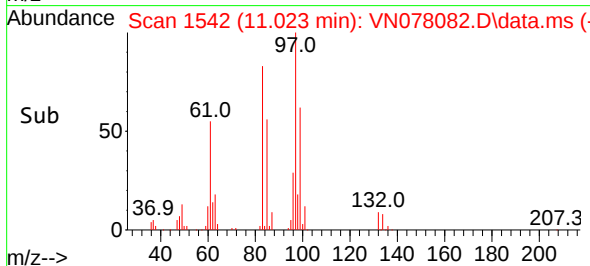
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



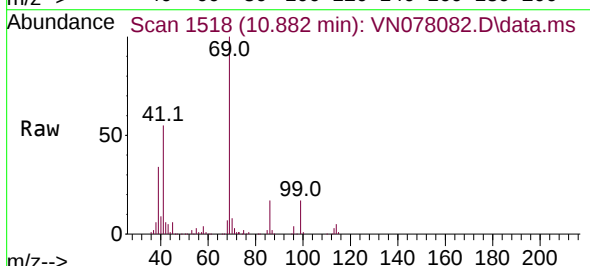
Tgt Ion:	97	Resp:	11244
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	55.9	43.4	65.2
99	61.9	49.2	73.8

Manual Integrations
APPROVED

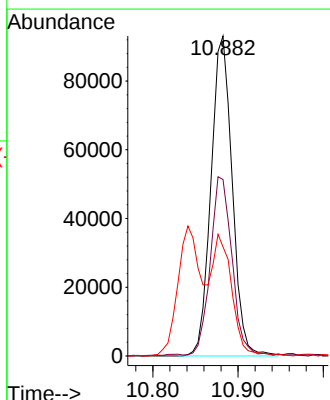
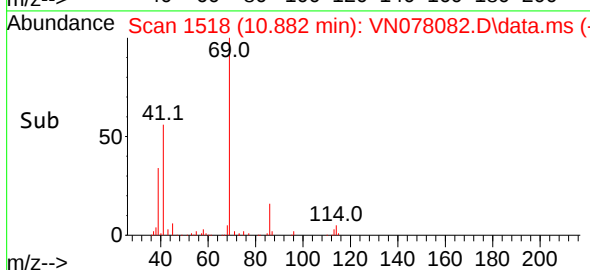
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

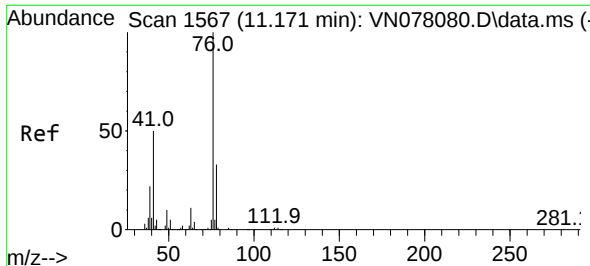


#56
Ethyl methacrylate
Concen: 19.629 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



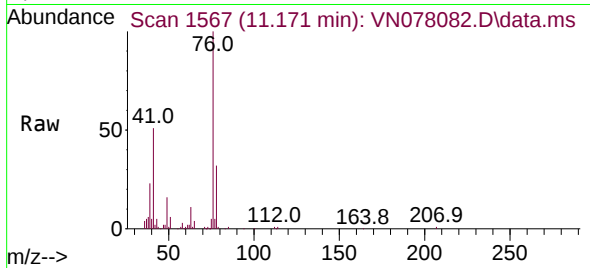
Tgt Ion:	69	Resp:	161047
Ion	Ratio	Lower	Upper
69	100		
41	56.5	39.6	59.4
39	38.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.600 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

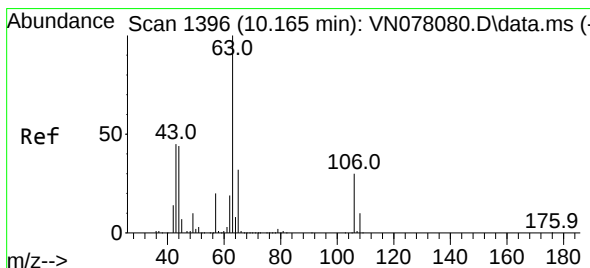
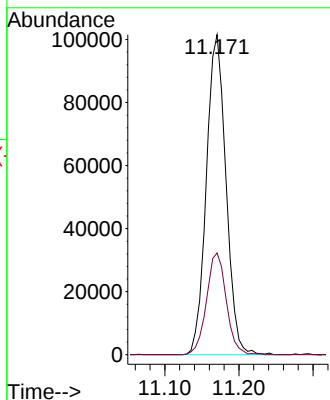
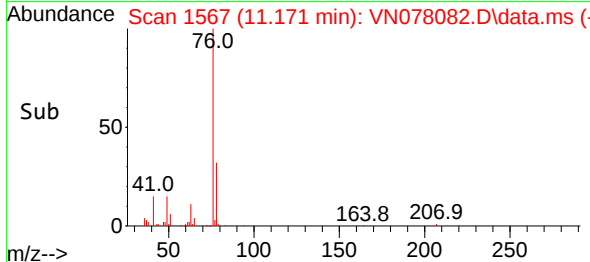
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 186414
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

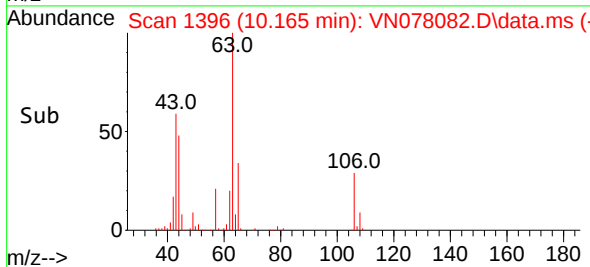
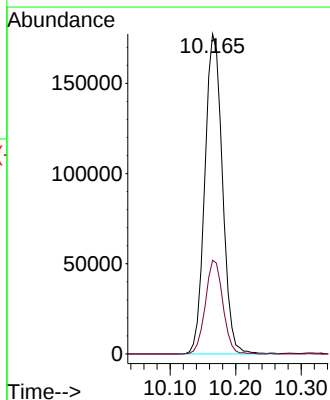
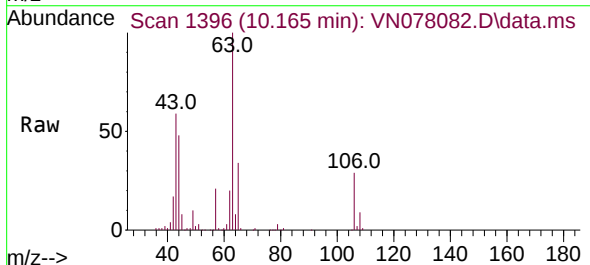
Manual Integrations
APPROVED

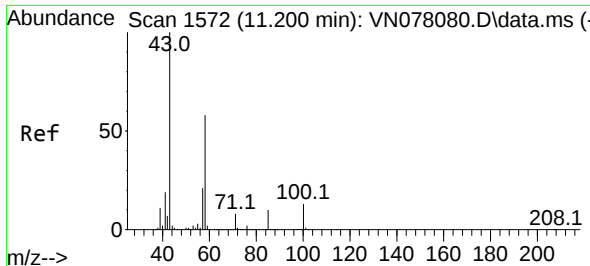
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.856 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

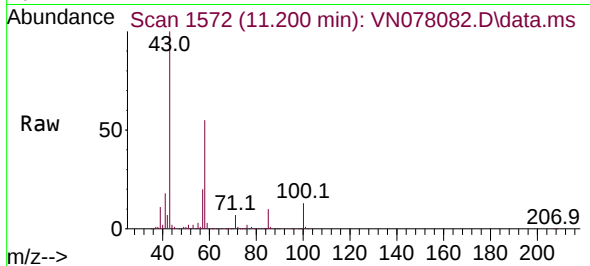
Tgt Ion: 63 Resp: 330958
Ion Ratio Lower Upper
63 100
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 98.508 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

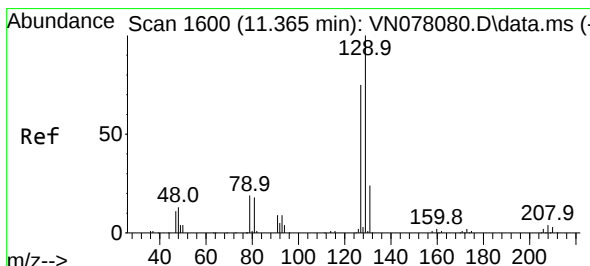
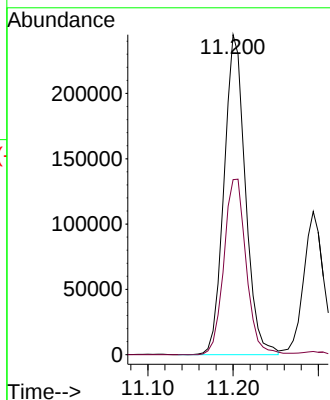
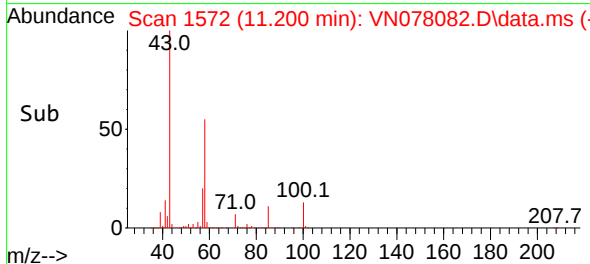
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 426419
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

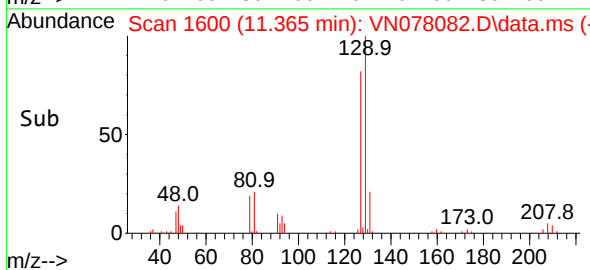
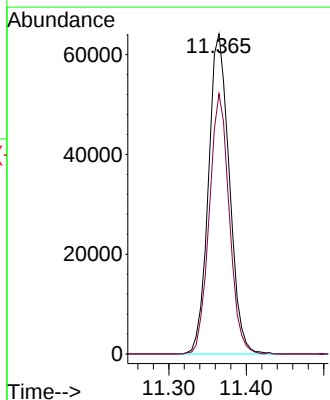
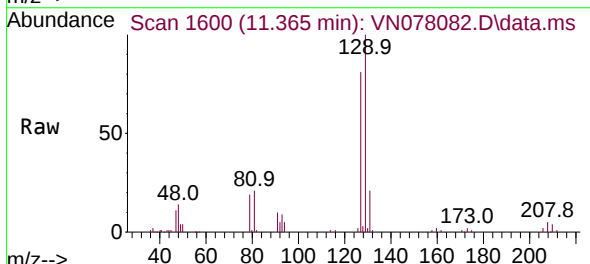
Manual Integrations
APPROVED

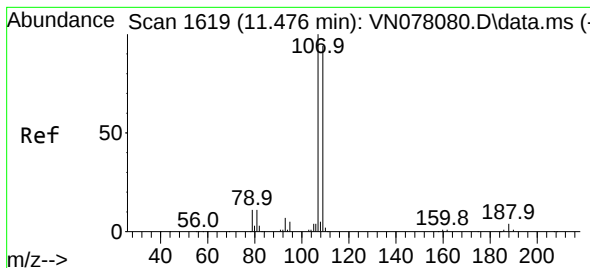
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 19.477 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

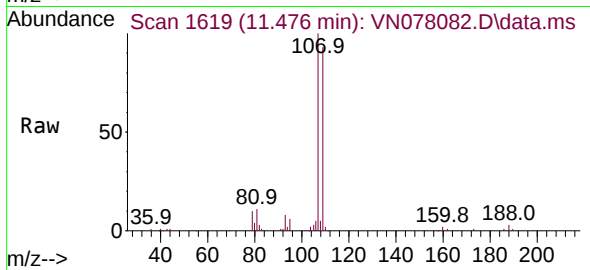
Tgt Ion:129 Resp: 120092
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.346 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

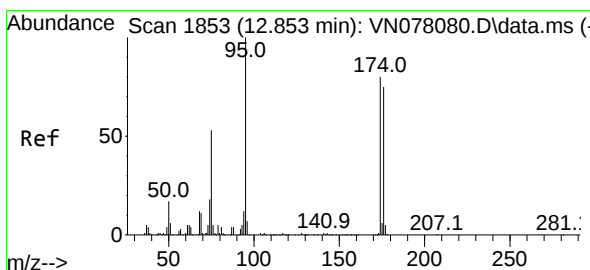
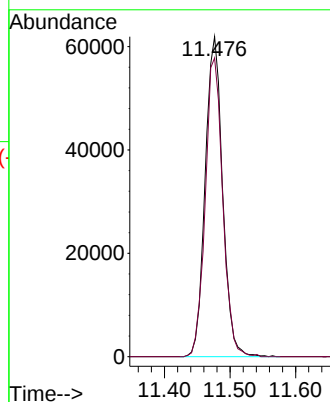
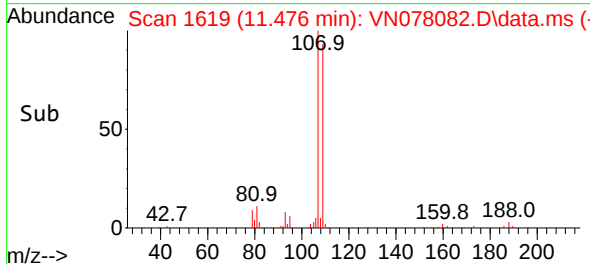
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



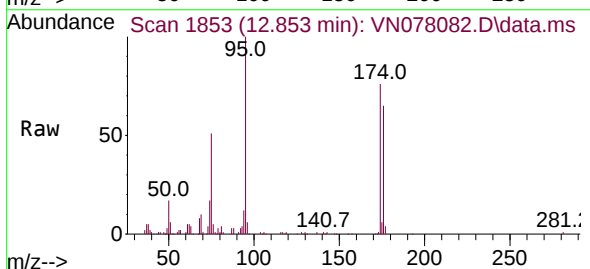
Tgt Ion:107 Resp: 11439
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

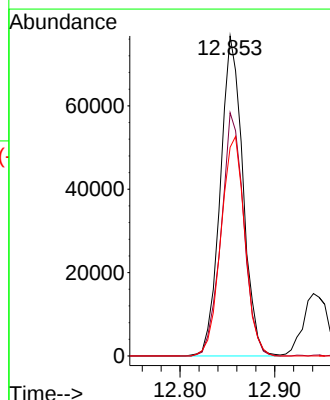
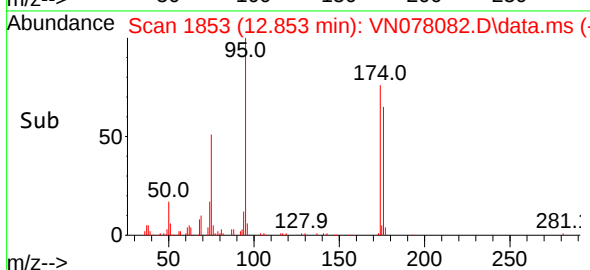
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

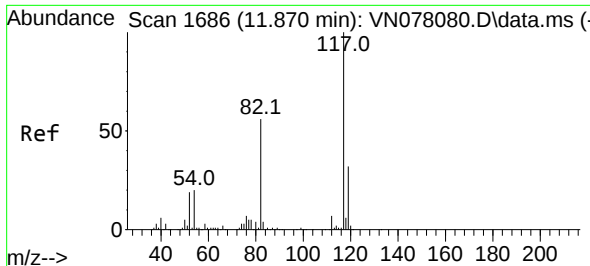


#62
4-Bromofluorobenzene
Concen: 19.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



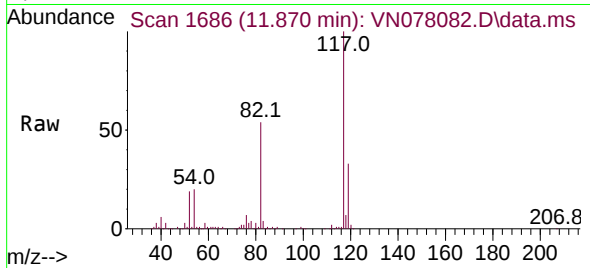
Tgt Ion: 95 Resp: 127079
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

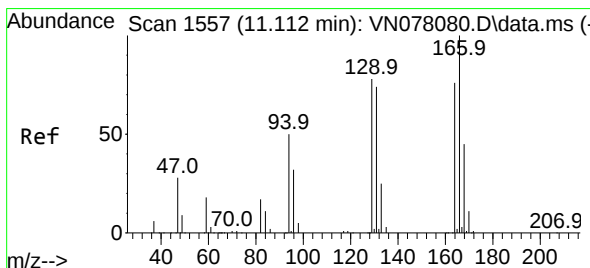
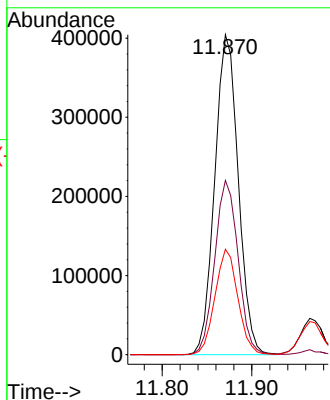
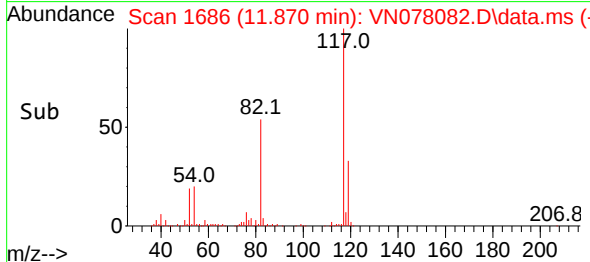
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



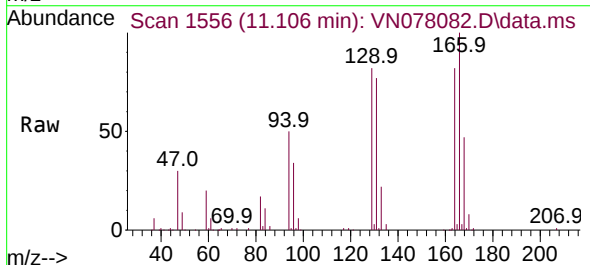
Tgt Ion:117 Resp: 73658
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

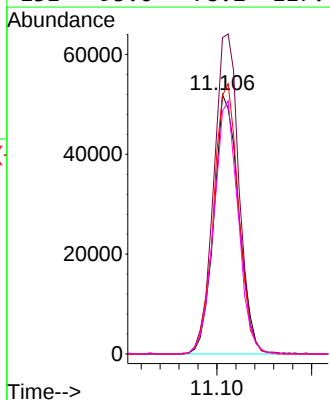
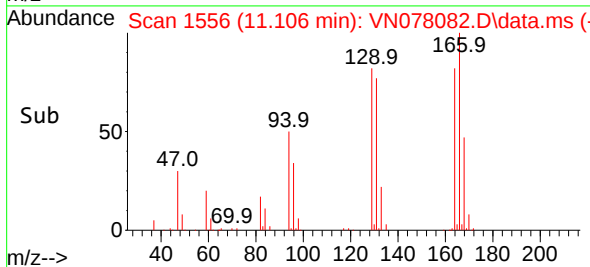
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

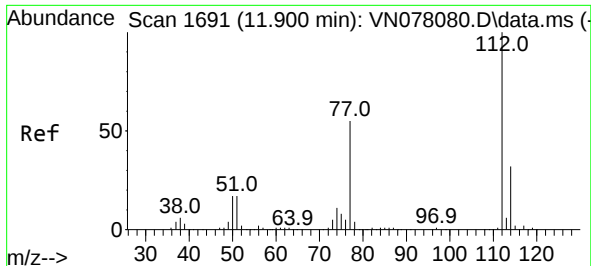


#64
Tetrachloroethene
Concen: 19.221 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



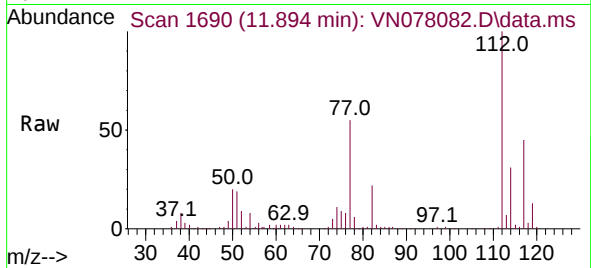
Tgt Ion:164 Resp: 94454
Ion Ratio Lower Upper
164 100
166 121.9 101.4 152.0
129 99.7 82.4 123.6
131 93.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.481 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

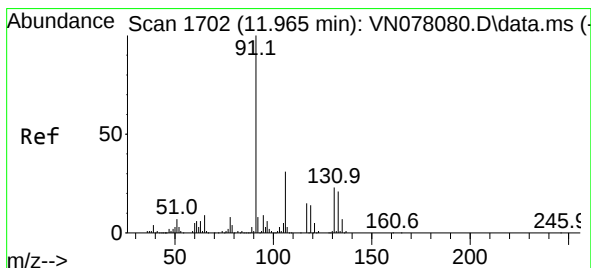
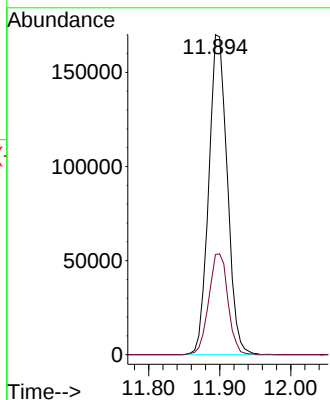
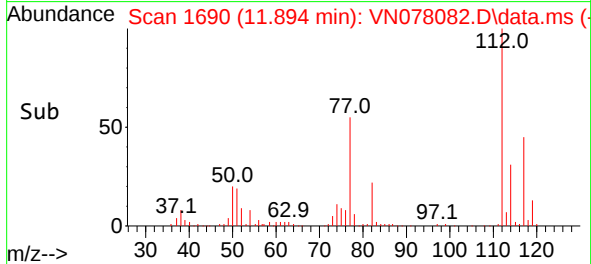
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 307294
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

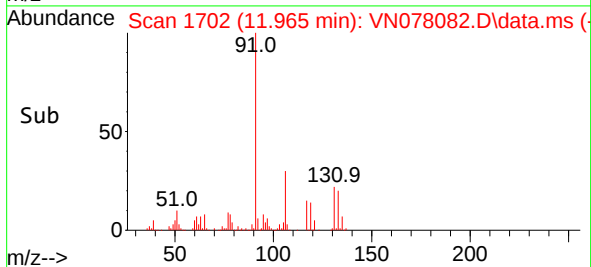
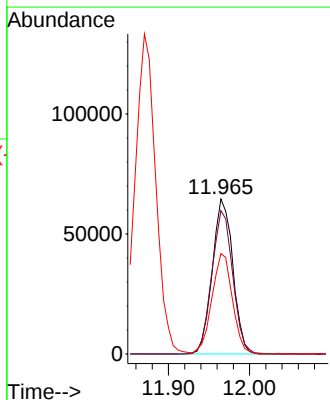
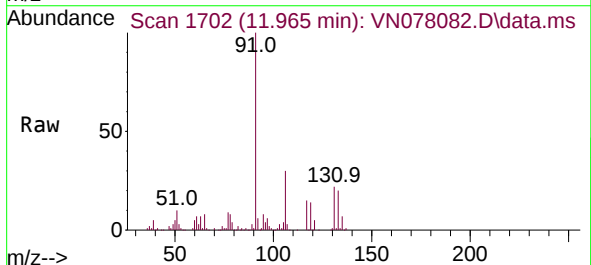
Manual Integrations
APPROVED

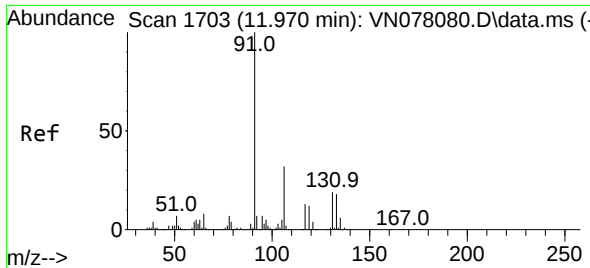
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.614 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

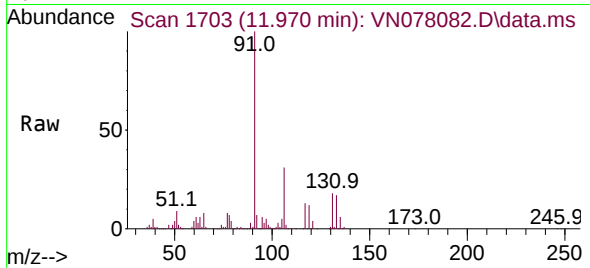
Tgt Ion:131 Resp: 113799
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 64.6 34.1 102.2





#67
Ethyl Benzene
Concen: 20.015 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

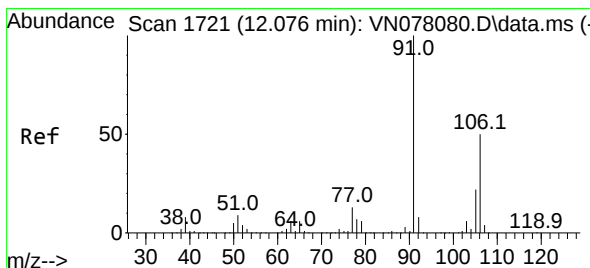
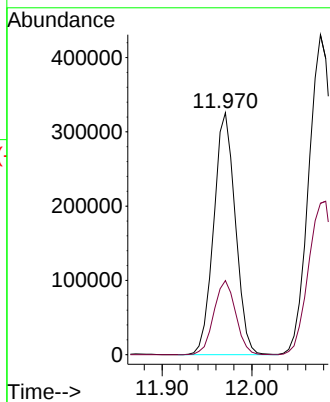
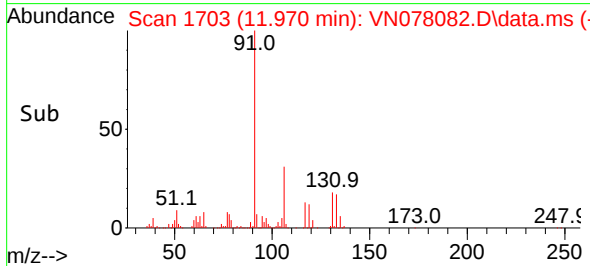
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



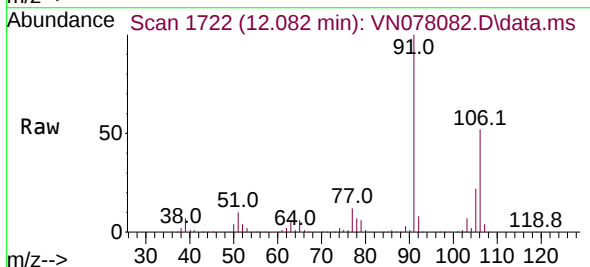
Tgt Ion: 91 Resp: 544789
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
APPROVED

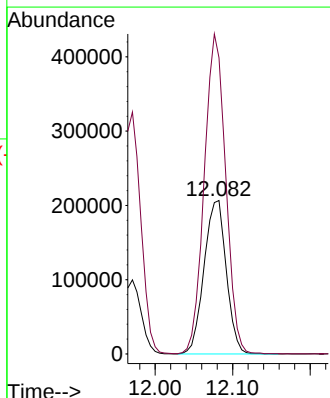
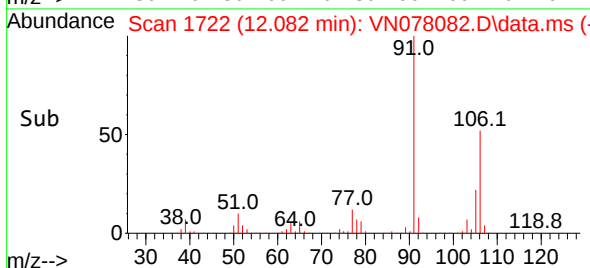
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

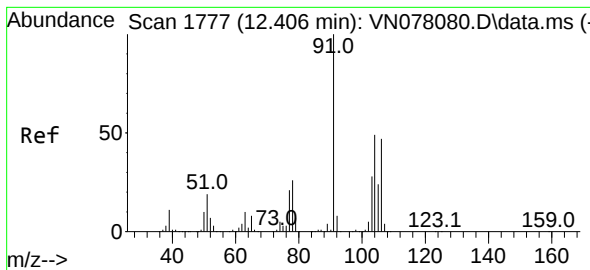


#68
m/p-Xylenes
Concen: 39.676 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



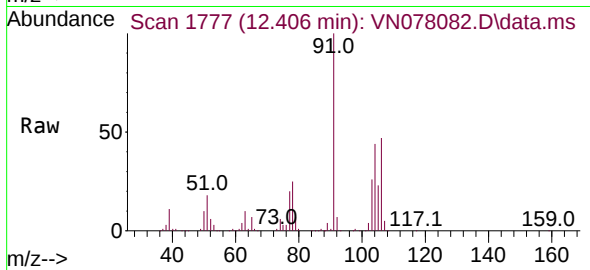
Tgt Ion:106 Resp: 411564
Ion Ratio Lower Upper
106 100
91 201.1 159.6 239.4





#69
o-Xylene
Concen: 19.956 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

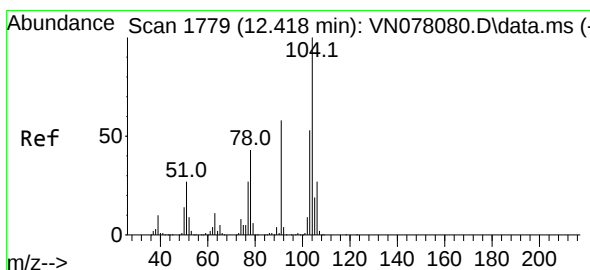
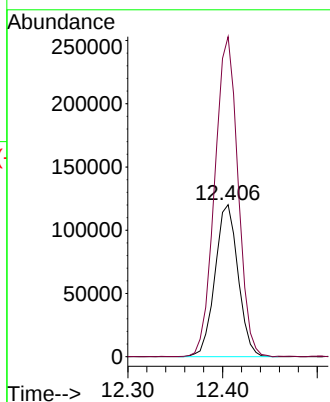
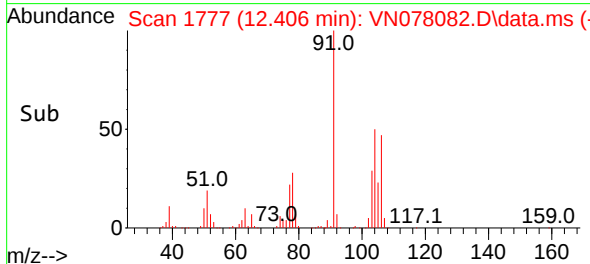
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 203280
Ion Ratio Lower Upper
106 100
91 212.9 105.2 315.5

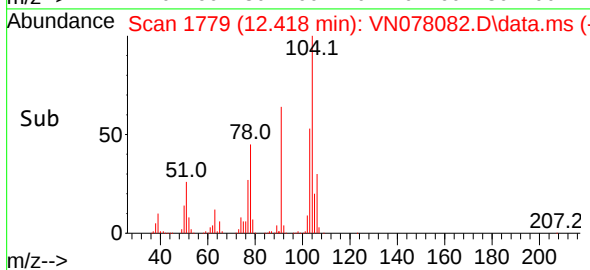
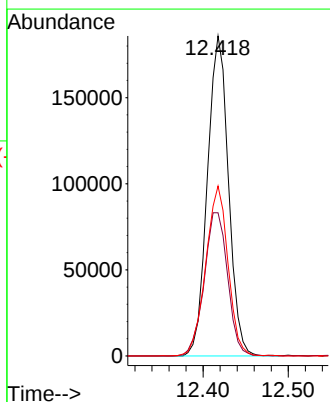
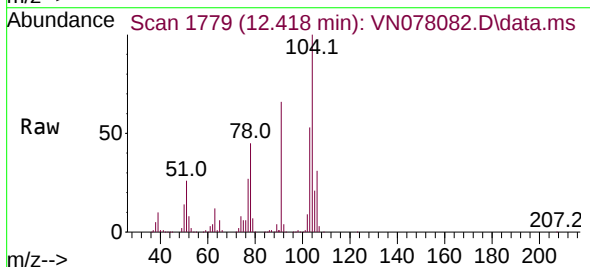
Manual Integrations
APPROVED

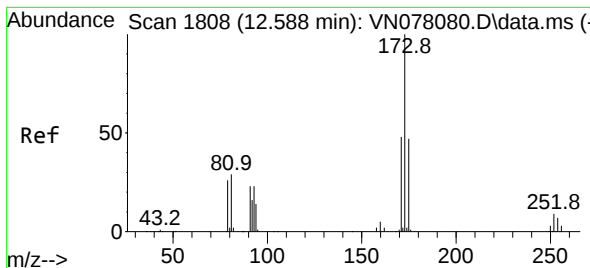
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 19.940 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion:104 Resp: 319778
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 19.526 ug/l

RT: 12.582 min Scan# 1808

Delta R.T. -0.006 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 73108

Ion Ratio Lower Upper

173 100

175 50.2 24.3 73.0

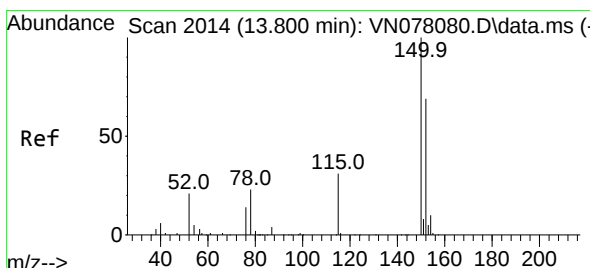
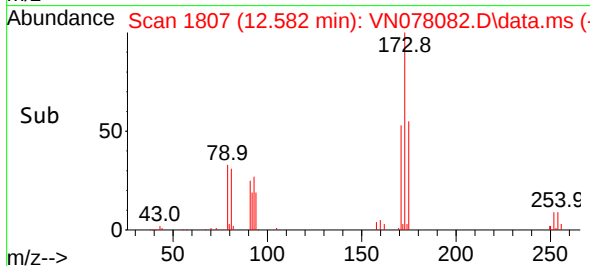
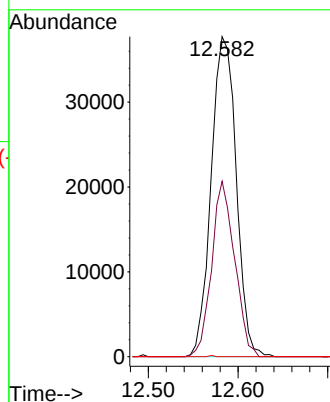
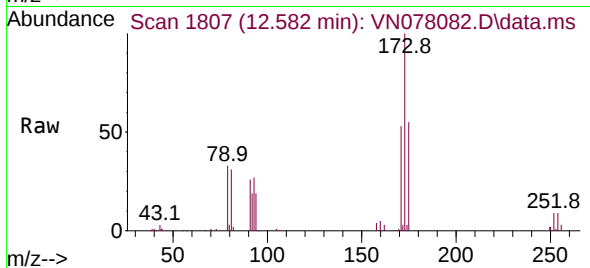
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

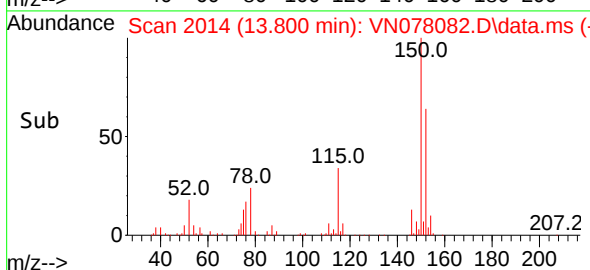
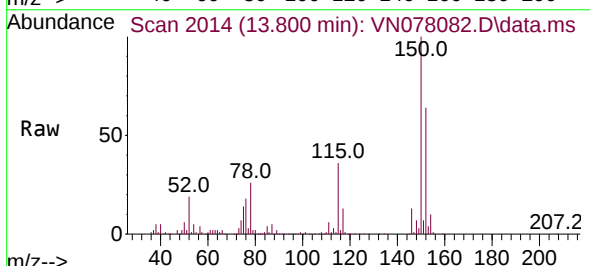
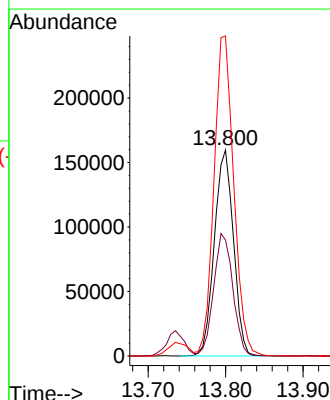
Tgt Ion:152 Resp: 273477

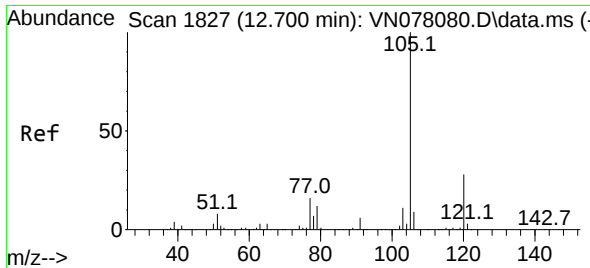
Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

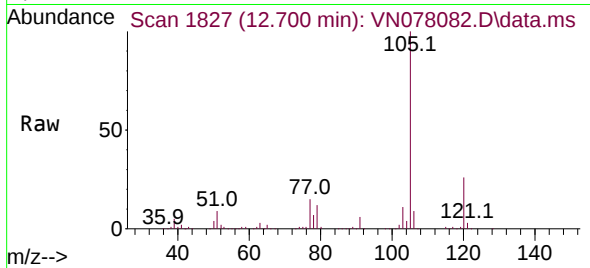
150 161.1 0.0 355.8





#73
Isopropylbenzene
Concen: 19.235 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

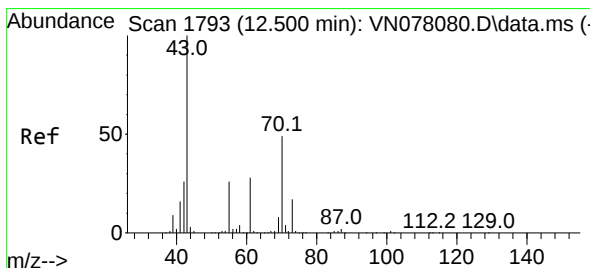
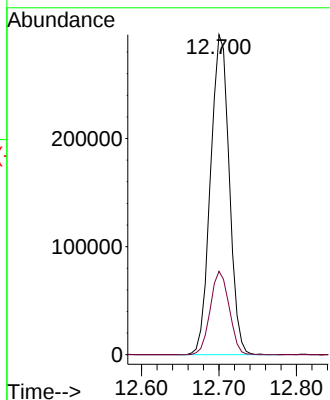
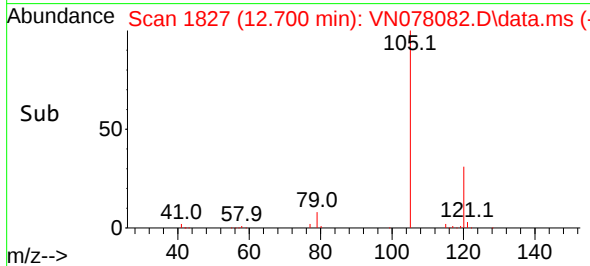
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



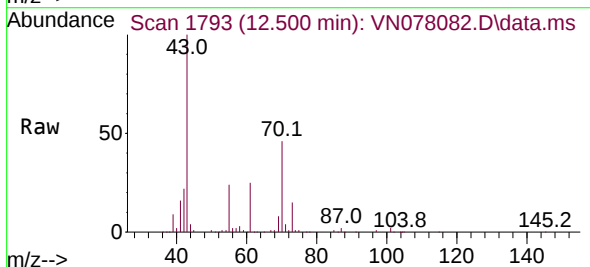
Tgt Ion:105 Resp: 497420
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

Manual Integrations
APPROVED

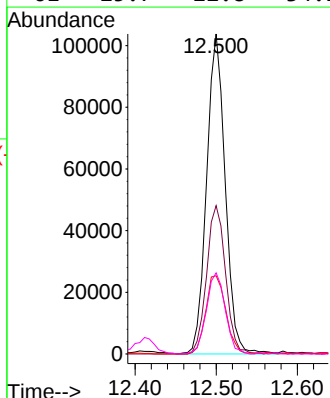
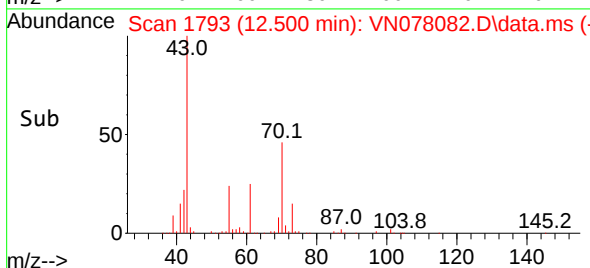
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

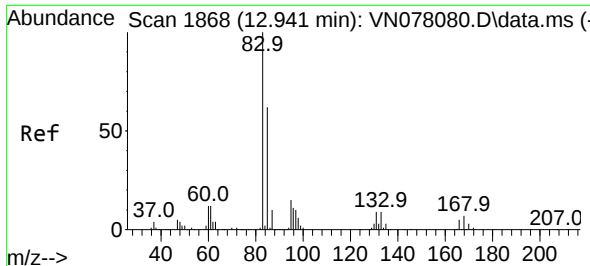


#74
N-ethyl acetate
Concen: 19.390 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



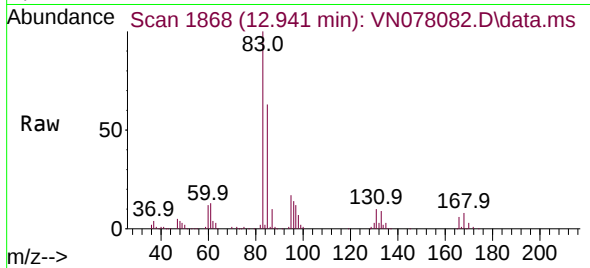
Tgt Ion: 43 Resp: 165126
Ion Ratio Lower Upper
43 100
70 47.2 43.4 65.2
55 26.5 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.407 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

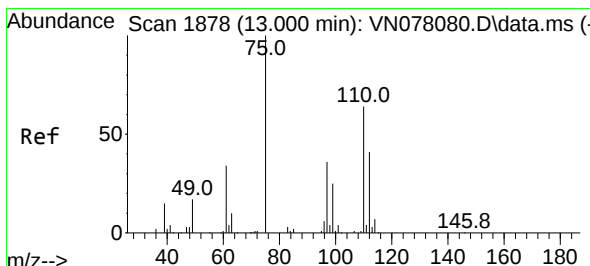
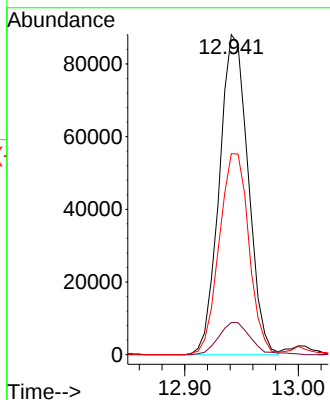
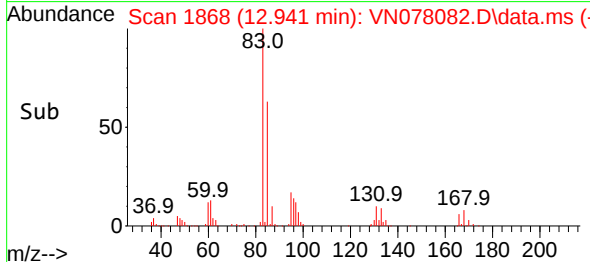
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 155454
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.6 31.9 95.7

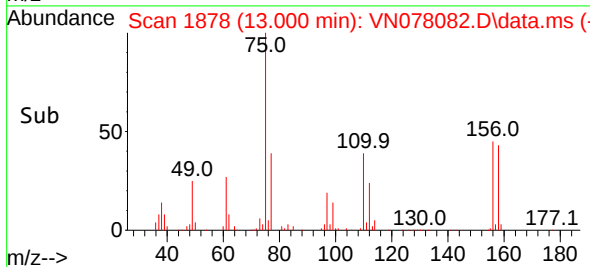
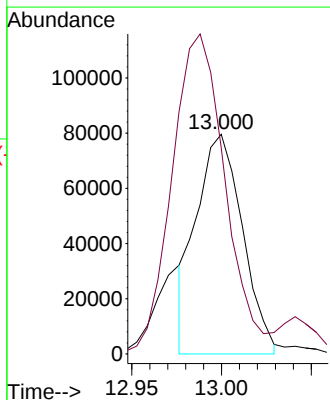
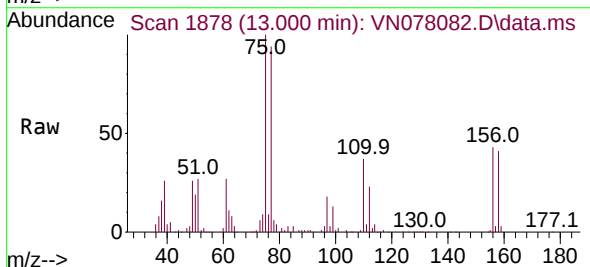
Manual Integrations
APPROVED

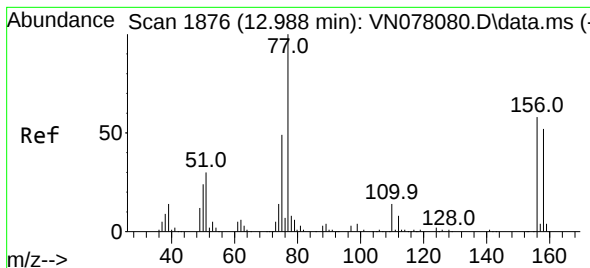
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#76
1,2,3-Trichloropropane
Concen: 21.833 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion: 75 Resp: 141755
Ion Ratio Lower Upper
75 100
77 167.2 84.5 253.5





#77

Bromobenzene

Concen: 19.762 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

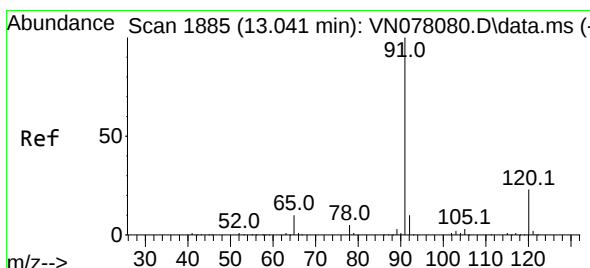
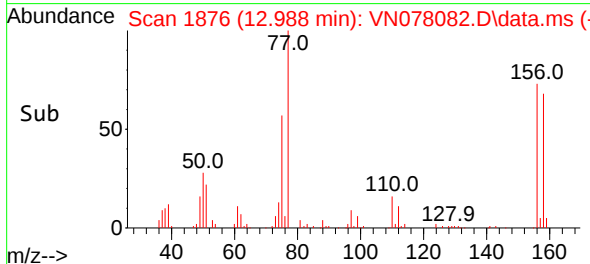
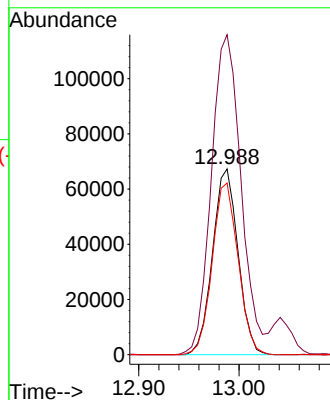
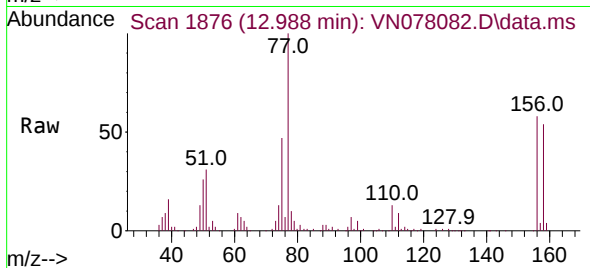
Tgt Ion:156 Resp: 11863
 Ion Ratio Lower Upper
 156 100
 77 199.8 107.7 323.3
 158 93.9 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#78

n-propylbenzene

Concen: 19.240 ug/l

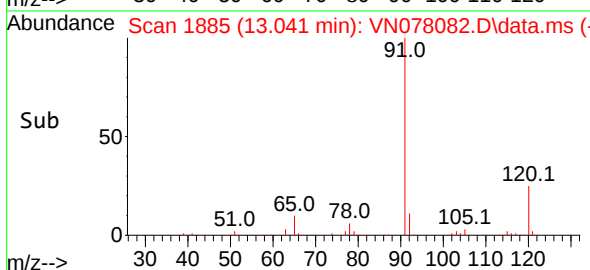
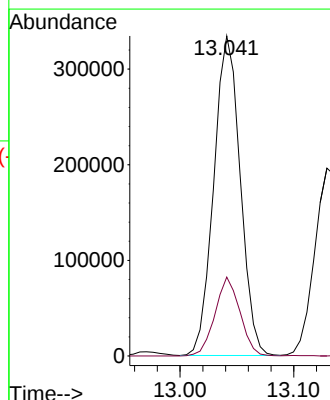
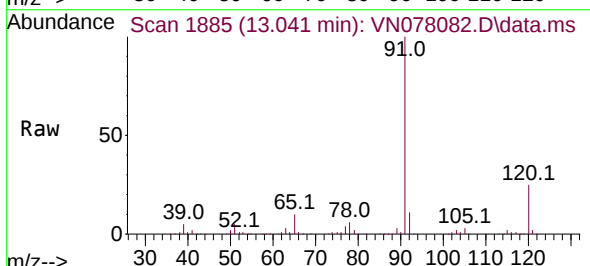
RT: 13.041 min Scan# 1885

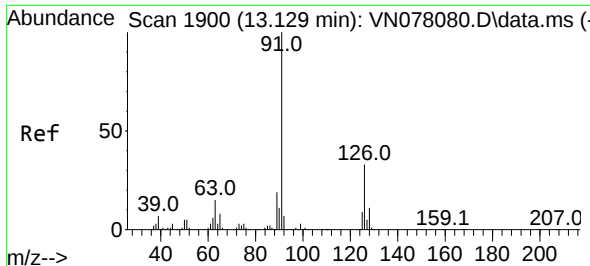
Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Tgt Ion: 91 Resp: 540581
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.5 34.4





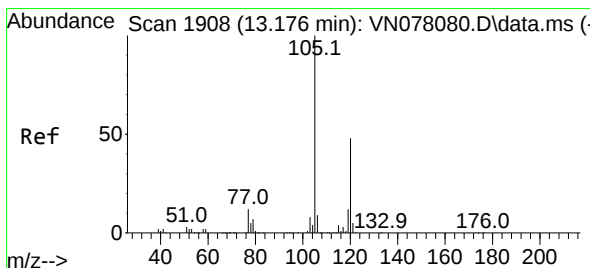
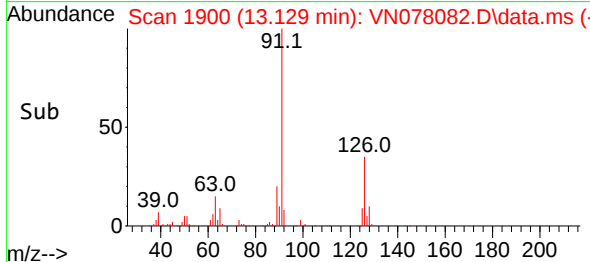
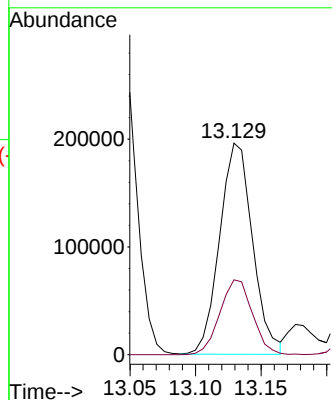
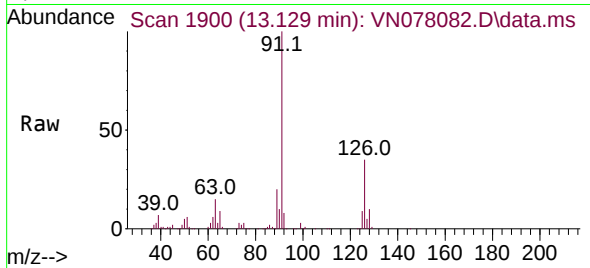
#79
2-Chlorotoluene
Concen: 18.896 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 342700
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

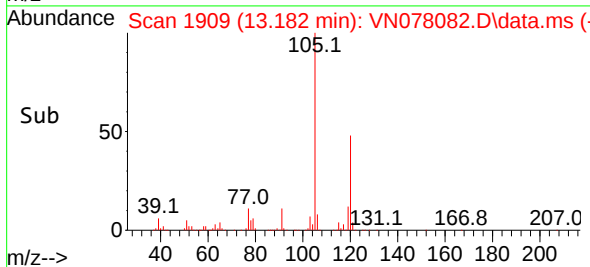
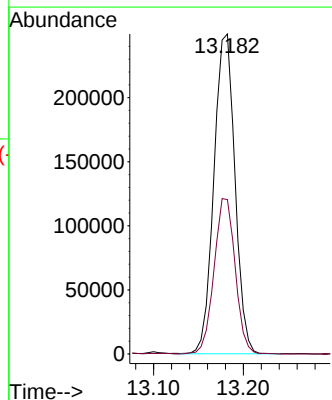
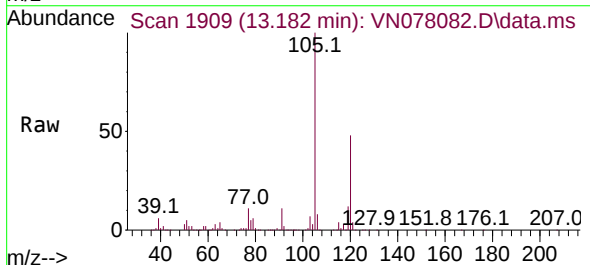
Manual Integrations
APPROVED

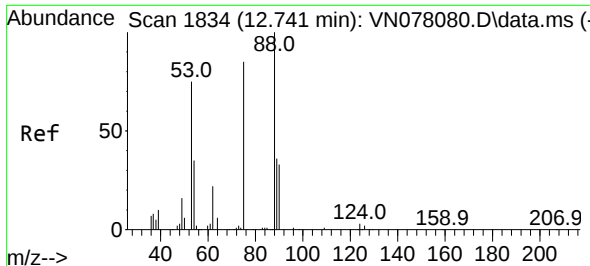
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.407 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

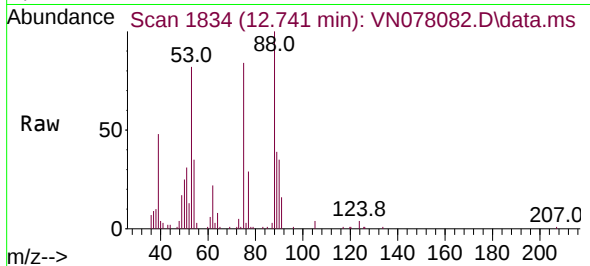
Tgt Ion:105 Resp: 406336
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.913 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

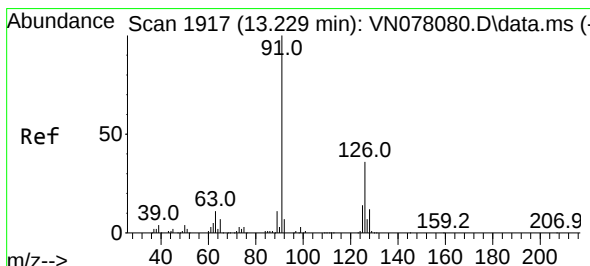
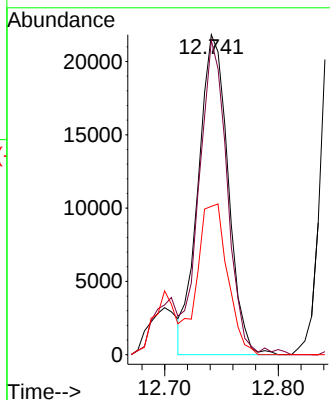
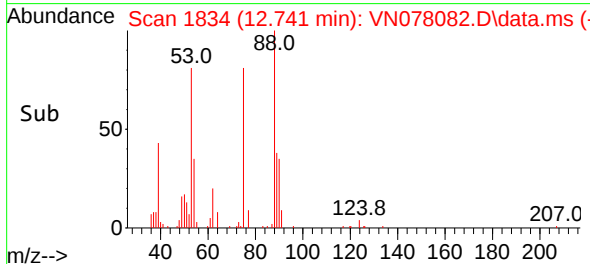
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



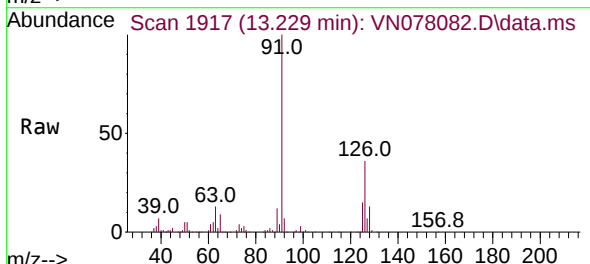
Tgt Ion: 75 Resp: 39798
Ion Ratio Lower Upper
75 100
53 93.1 67.4 101.2
89 48.4 38.8 58.2

Manual Integrations
APPROVED

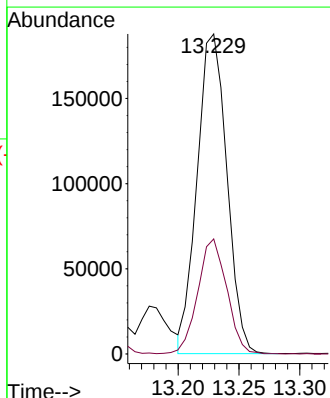
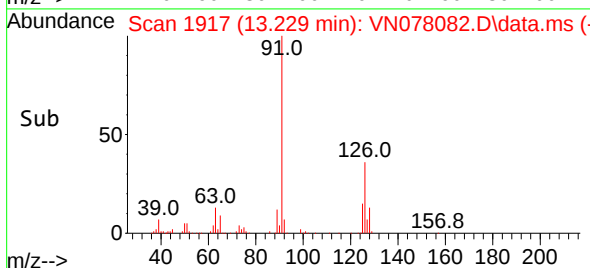
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

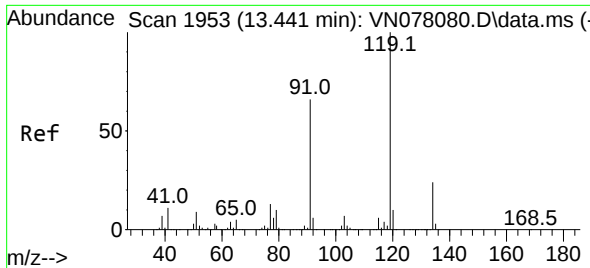


#82
4-Chlorotoluene
Concen: 18.881 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11



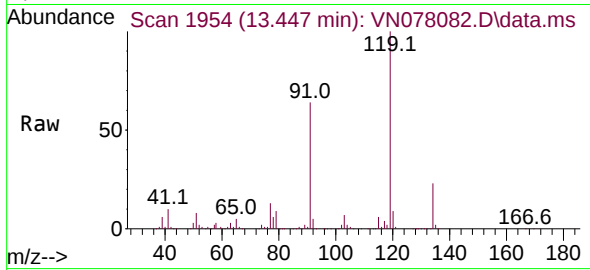
Tgt Ion: 91 Resp: 319590
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.012 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

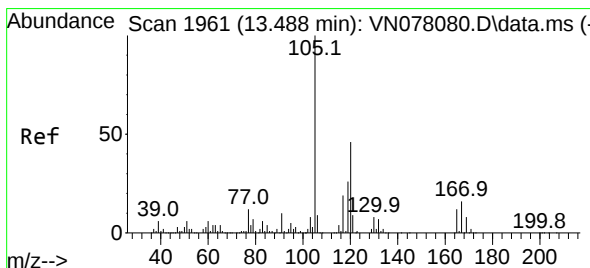
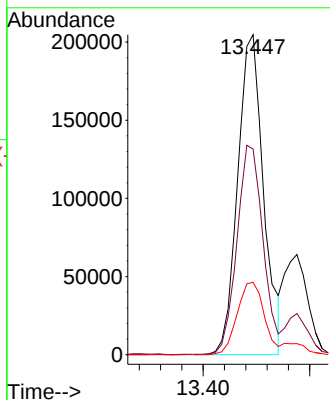
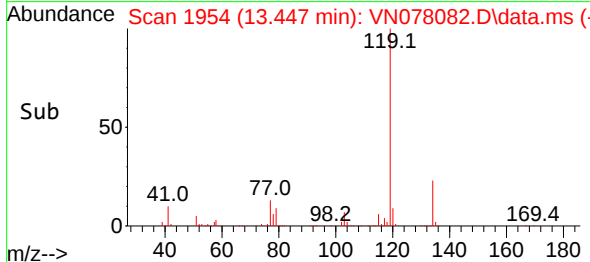
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:119 Resp: 346010
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 23.5 13.2 39.6

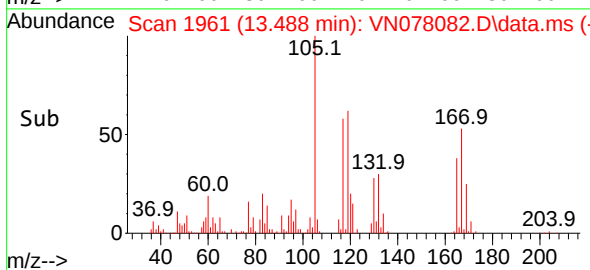
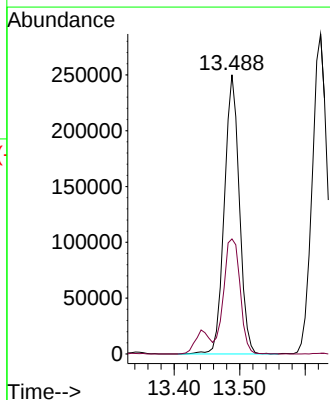
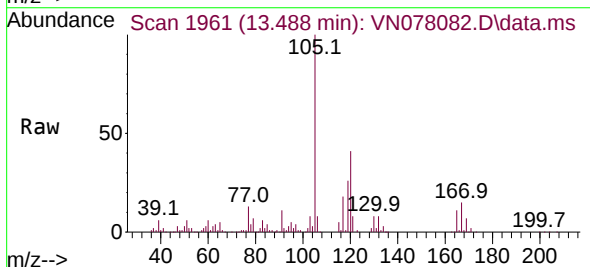
Manual Integrations
APPROVED

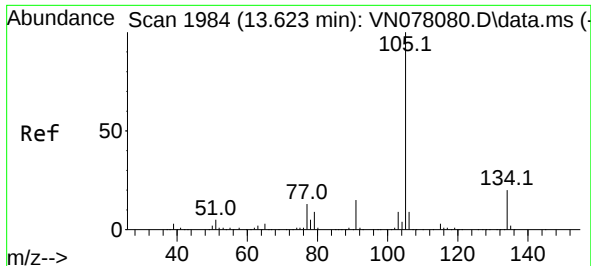
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.494 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion:105 Resp: 395721
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





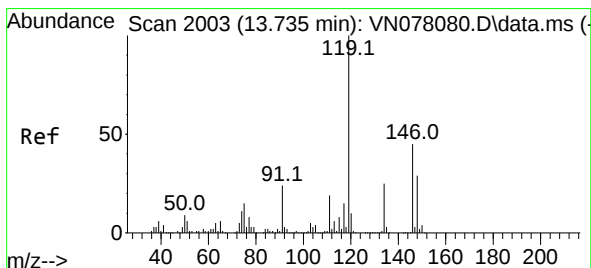
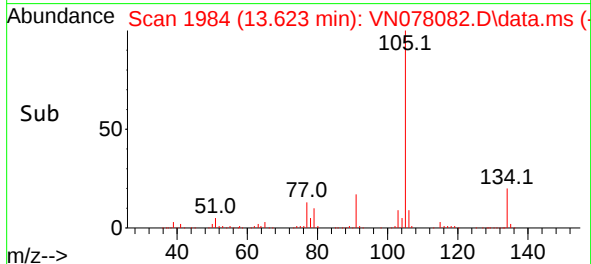
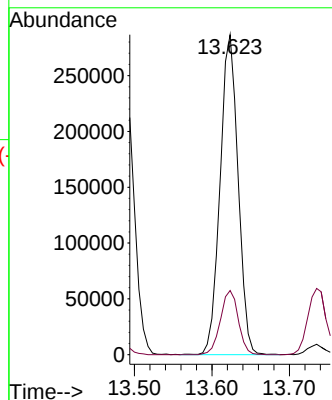
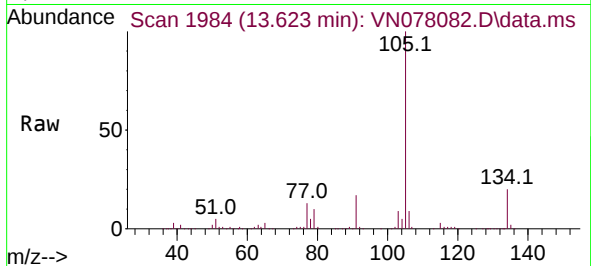
#85
 sec-Butylbenzene
 Concen: 19.414 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078082.D
 Acq: 06 Jun 2023 22:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 462470
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

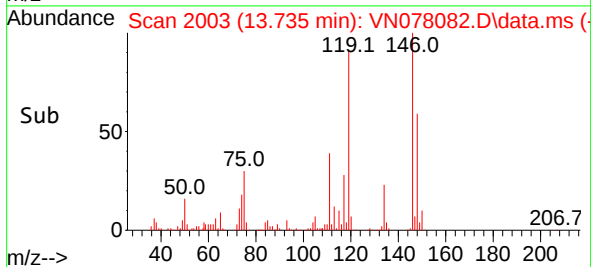
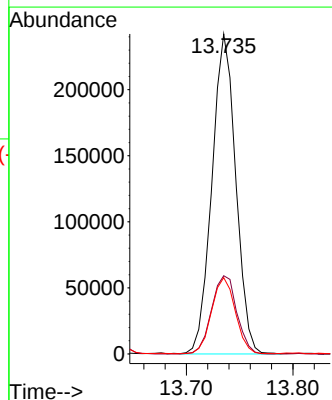
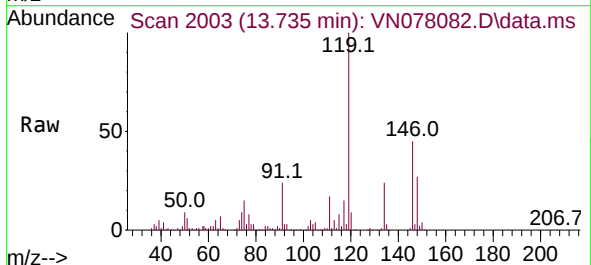
Manual Integrations
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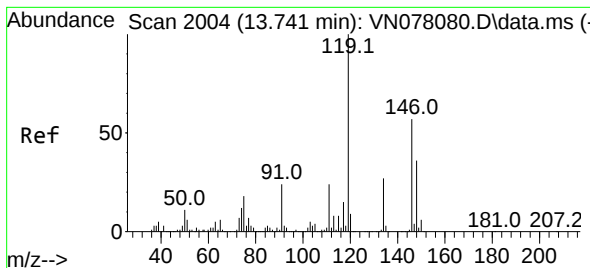
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 19.477 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078082.D
 Acq: 06 Jun 2023 22:11

Tgt Ion:119 Resp: 376519
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.778 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 190682

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.3

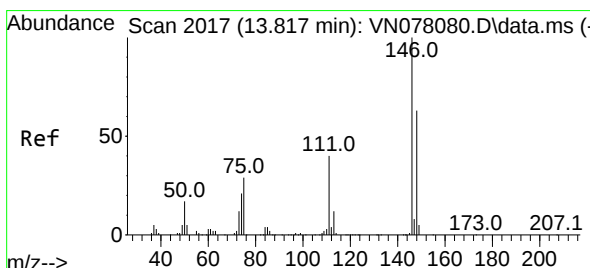
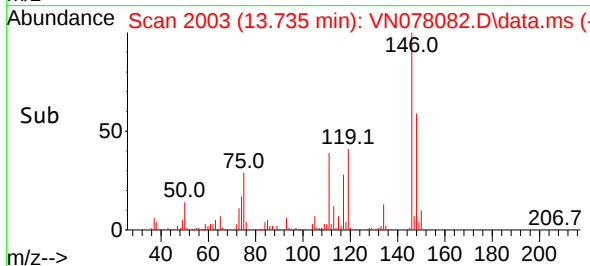
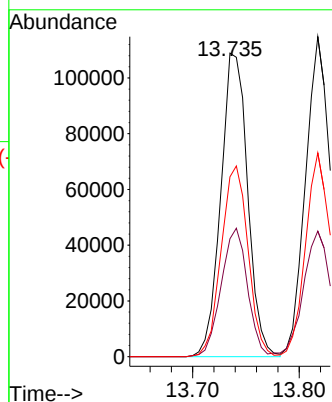
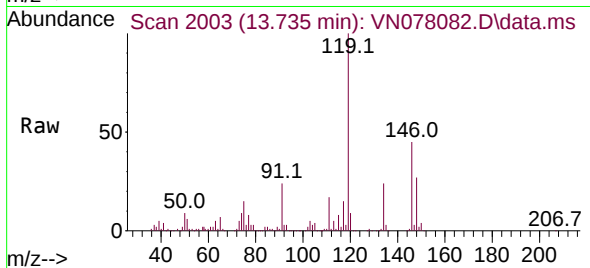
148 62.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#88

1,4-Dichlorobenzene

Concen: 19.254 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

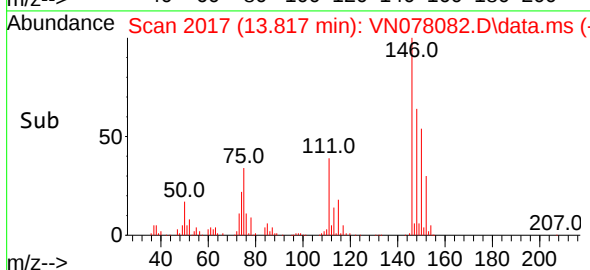
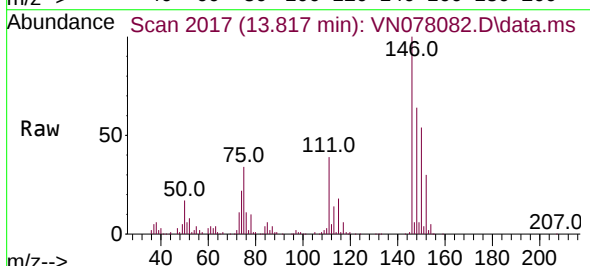
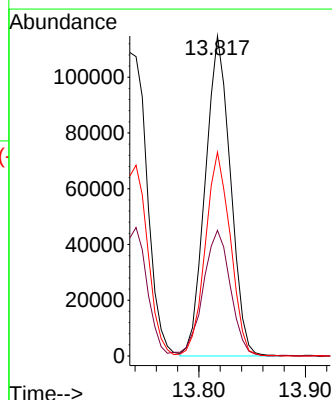
Tgt Ion:146 Resp: 188664

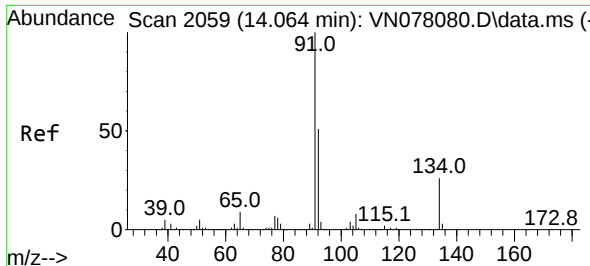
Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.8

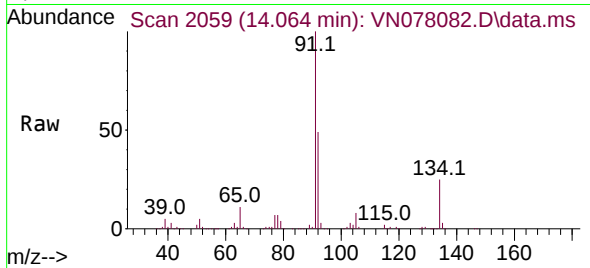
148 63.5 31.6 94.8





#89
n-Butylbenzene
Concen: 19.329 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

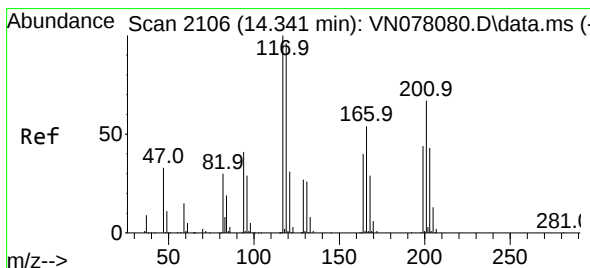
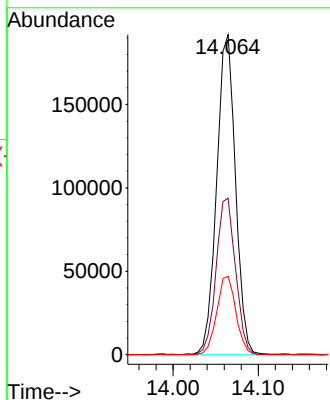
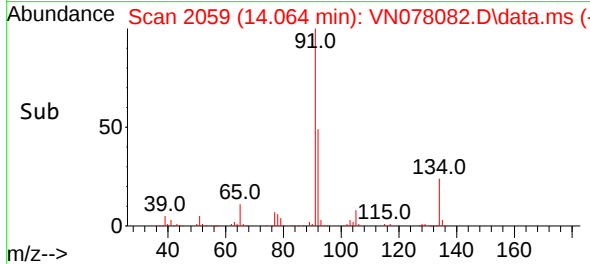
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 294720
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 25.0 12.6 37.6

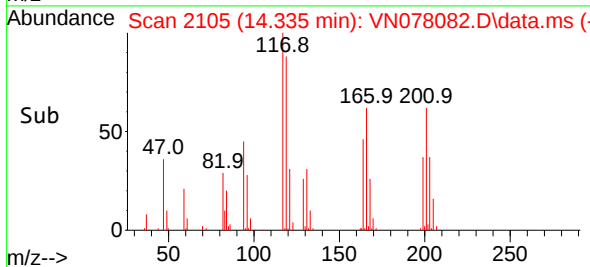
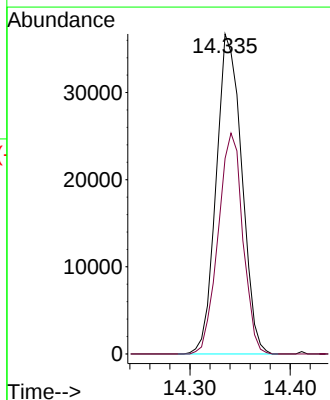
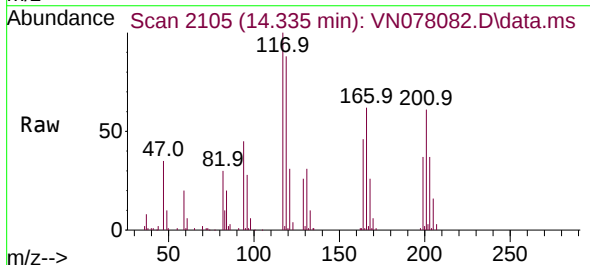
Manual Integrations
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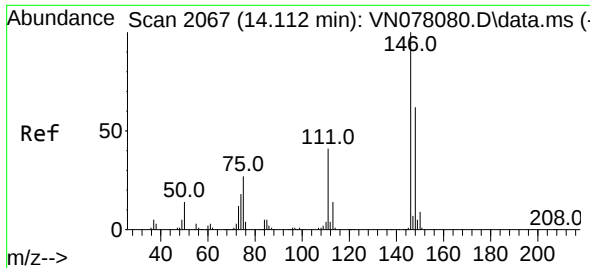
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 18.897 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion:117 Resp: 64827
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





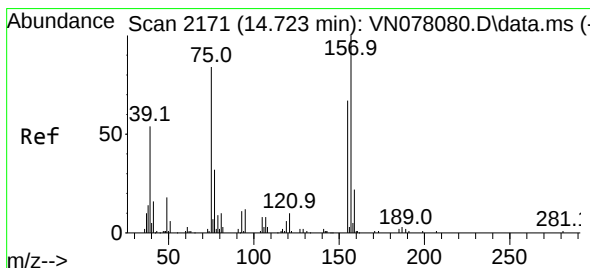
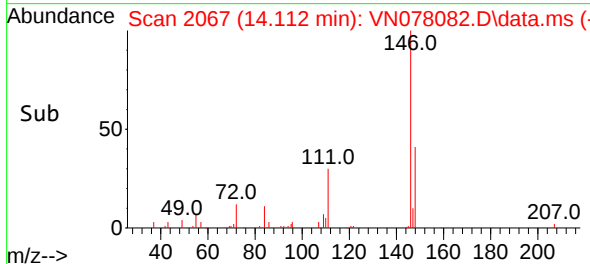
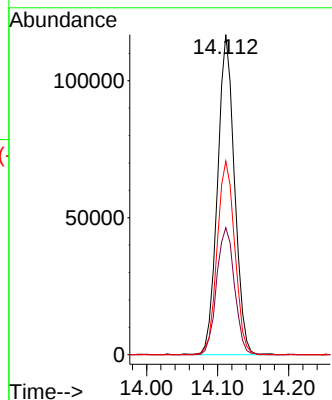
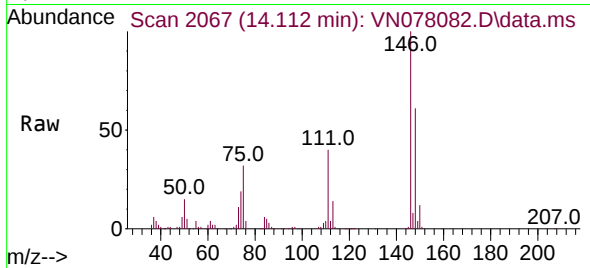
#91
1,2-Dichlorobenzene
Concen: 19.475 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 193270
Ion Ratio Lower Upper
146 100
111 41.7 22.0 66.0
148 62.7 31.8 95.3

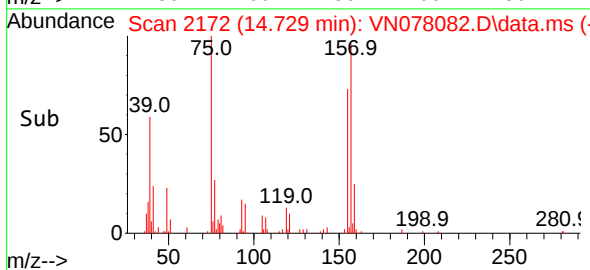
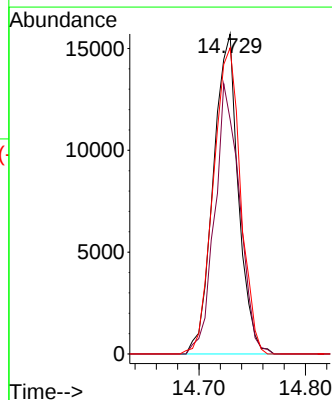
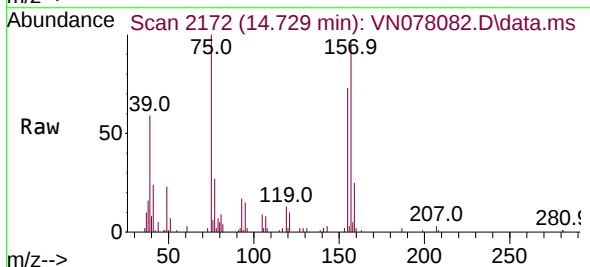
Manual Integrations
APPROVED

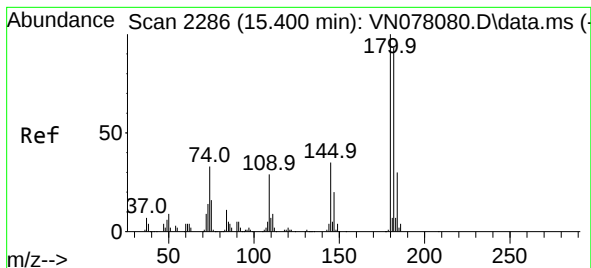
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.952 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion: 75 Resp: 25558
Ion Ratio Lower Upper
75 100
155 84.2 39.1 117.2
157 104.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.828 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

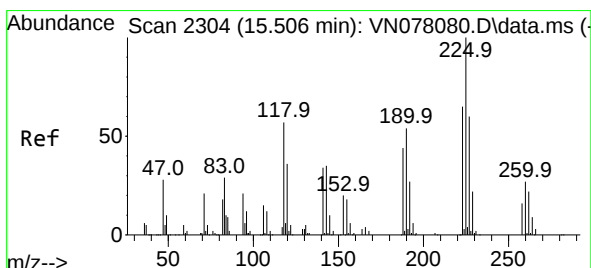
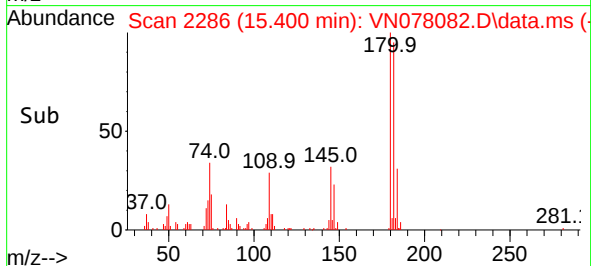
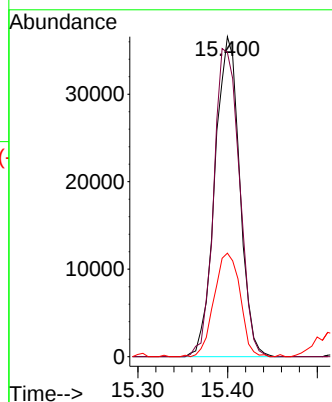
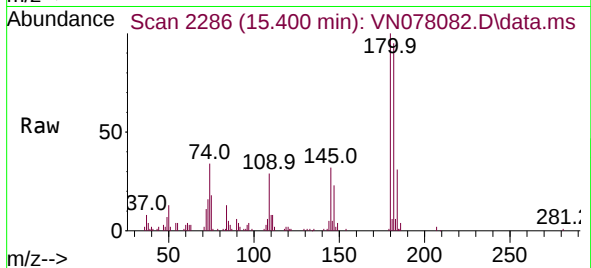
Tgt Ion:	180	Resp:	70110
Ion Ratio	Lower	Upper	
180	100		
182	99.4	46.1	138.2
145	33.9	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#94

Hexachlorobutadiene

Concen: 21.245 ug/l

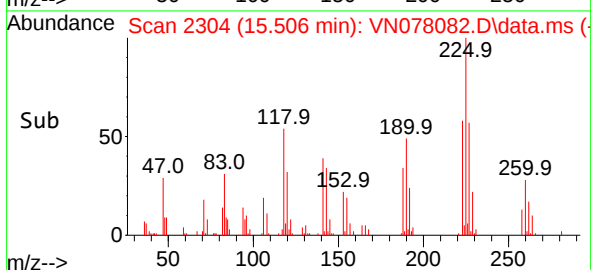
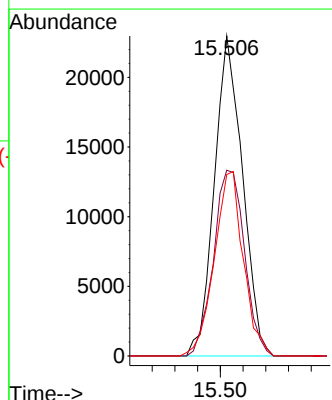
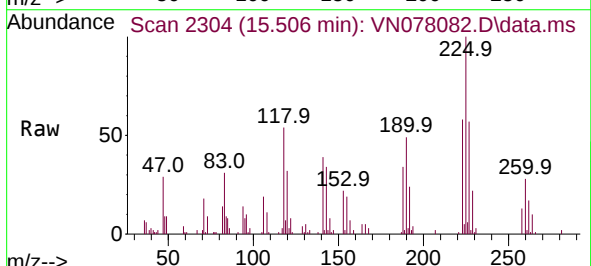
RT: 15.506 min Scan# 2304

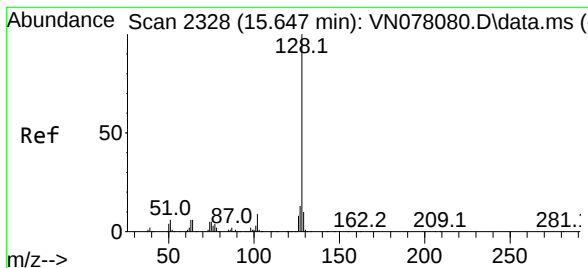
Delta R.T. -0.000 min

Lab File: VN078082.D

Acq: 06 Jun 2023 22:11

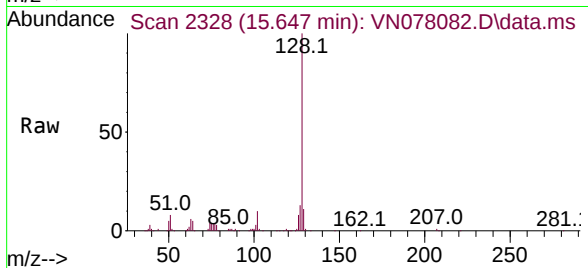
Tgt Ion:	225	Resp:	39493
Ion Ratio	Lower	Upper	
225	100		
223	64.0	31.3	93.8
227	59.4	31.9	95.9





#95
Naphthalene
Concen: 19.479 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

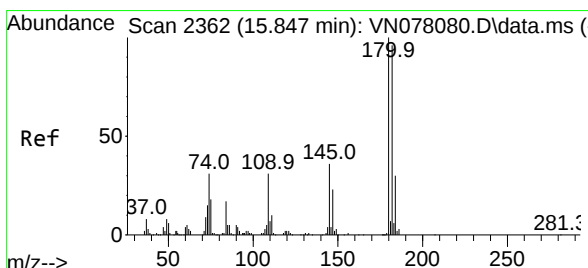
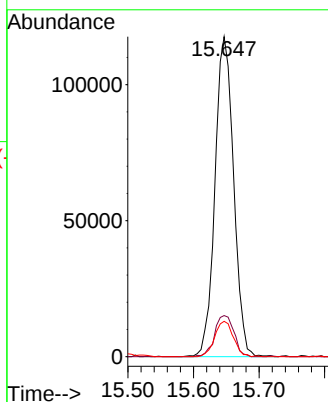
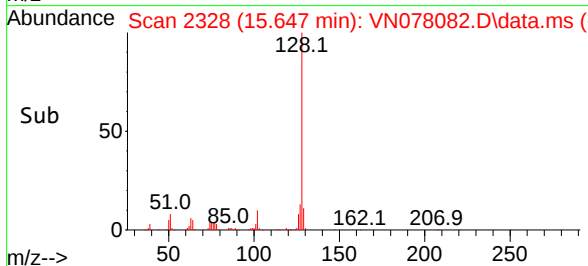
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 231688
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.777 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078082.D
Acq: 06 Jun 2023 22:11

Tgt Ion:180 Resp: 78213
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 36.1 17.5 52.6

