

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080379.D
 Acq On : 06 Dec 2023 12:14
 Operator : JC\MD
 Sample : VN1206WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 00:56:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	238171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178609	45.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.840%		
35) Dibromofluoromethane	8.165	113	136351	50.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.000%		
50) Toluene-d8	10.565	98	476576	48.966	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.853	95	175100	47.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61111	17.225	ug/l	96
3) Chloromethane	2.365	50	44140	16.549	ug/l	89
4) Vinyl Chloride	2.518	62	50262	17.806	ug/l	98
5) Bromomethane	2.959	94	34730	18.124	ug/l	97
6) Chloroethane	3.124	64	31979	17.204	ug/l	96
7) Trichlorofluoromethane	3.500	101	109316	18.565	ug/l	99
8) Diethyl Ether	3.959	74	28451	16.614	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	51226	19.033	ug/l	96
10) Methyl Iodide	4.595	142	49116	16.886	ug/l #	87
11) Tert butyl alcohol	5.512	59	36759	84.999	ug/l	99
12) 1,1-Dichloroethene	4.342	96	46388	18.428	ug/l	87
13) Acrolein	4.177	56	44414	116.047	ug/l	98
14) Allyl chloride	5.018	41	54358	17.163	ug/l	94
15) Acrylonitrile	5.712	53	100694	86.734	ug/l	99
16) Acetone	4.424	43	90834	68.769	ug/l	89
17) Carbon Disulfide	4.712	76	123400	16.417	ug/l	97
18) Methyl Acetate	5.024	43	71400	16.824	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	162238	18.250	ug/l	100
20) Methylene Chloride	5.271	84	51877	18.755	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	51441	18.601	ug/l	91
22) Diisopropyl ether	6.665	45	131218	18.726	ug/l	97
23) Vinyl Acetate	6.600	43	354570	84.169	ug/l	94
24) 1,1-Dichloroethane	6.571	63	93781	18.376	ug/l	100
25) 2-Butanone	7.488	43	115331	73.490	ug/l	92
26) 2,2-Dichloropropane	7.488	77	94651	18.693	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	57429	18.317	ug/l	87
28) Bromochloromethane	7.812	49	33626	16.760	ug/l	99
29) Tetrahydrofuran	7.835	42	69057	81.963	ug/l	98
30) Chloroform	7.965	83	110324	19.341	ug/l	92
31) Cyclohexane	8.253	56	71859	16.802	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	105123	18.897	ug/l	98
36) 1,1-Dichloropropene	8.371	75	74417	19.037	ug/l	97
37) Ethyl Acetate	7.565	43	46407	17.115	ug/l	98
38) Carbon Tetrachloride	8.365	117	98347	19.826	ug/l	94
39) Methylcyclohexane	9.600	83	67378	17.876	ug/l	95
40) Benzene	8.606	78	213674	19.233	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26449	17.762	ug/l	91
42) 1,2-Dichloroethane	8.671	62	88804	19.537	ug/l	95
43) Isopropyl Acetate	8.688	43	81517	15.449	ug/l	97
44) Trichloroethene	9.359	130	59181	20.307	ug/l	91
45) 1,2-Dichloropropane	9.624	63	50462	19.545	ug/l	97
46) Dibromomethane	9.706	93	37890	19.387	ug/l #	88
47) Bromodichloromethane	9.888	83	86498	20.120	ug/l	100
48) Methyl methacrylate	9.682	41	46650	17.156	ug/l	95
49) 1,4-Dioxane	9.694	88	15616	345.211	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	240549	88.058	ug/l	98
52) Toluene	10.629	92	138926	19.981	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	84776	19.193	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	87920	19.483	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	53196	20.046	ug/l	98
56) Ethyl methacrylate	10.876	69	51955	19.165	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	90883	19.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	128153	83.909	ug/l	100
59) 2-Hexanone	11.200	43	177742	80.972	ug/l	98
60) Dibromochloromethane	11.359	129	64478	20.295	ug/l	98
61) 1,2-Dibromoethane	11.471	107	52238	19.296	ug/l	98
64) Tetrachloroethene	11.100	164	57672	23.393	ug/l	93
65) Chlorobenzene	11.894	112	146430	20.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	59085	20.801	ug/l	92
67) Ethyl Benzene	11.965	91	253757	19.482	ug/l	98
68) m/p-Xylenes	12.070	106	189122	39.823	ug/l	86
69) o-Xylene	12.400	106	89720	20.046	ug/l	86
70) Styrene	12.412	104	134251	20.153	ug/l	92
71) Bromoform	12.576	173	43333	20.571	ug/l #	97
73) Isopropylbenzene	12.700	105	240998	19.785	ug/l	100
74) N-amyl acetate	12.494	43	62374	16.420	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	64062	17.572	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	65426m	17.035	ug/l	
77) Bromobenzene	12.982	156	61087	19.891	ug/l	94
78) n-propylbenzene	13.035	91	268132	19.685	ug/l	99
79) 2-Chlorotoluene	13.129	91	171940	19.435	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	215192	20.294	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	20174	17.746	ug/l	88
82) 4-Chlorotoluene	13.223	91	173574	19.152	ug/l	99
83) tert-Butylbenzene	13.441	119	166142	19.539	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	210011	20.114	ug/l	97
85) sec-Butylbenzene	13.617	105	210439	19.563	ug/l	98
86) p-Isopropyltoluene	13.735	119	193640	20.152	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	103925	18.783	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	105232	18.925	ug/l	98
89) n-Butylbenzene	14.059	91	147772	18.373	ug/l	99
90) Hexachloroethane	14.335	117	35298	18.843	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	99740	18.837	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13841	16.345	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	51253	16.643	ug/l	99
94) Hexachlorobutadiene	15.506	225	30808	17.384	ug/l	100
95) Naphthalene	15.647	128	125360	14.038	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47782	16.554	ug/l	98

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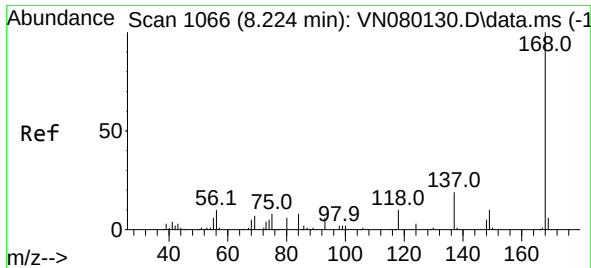
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

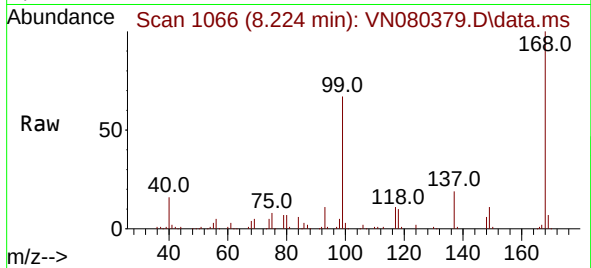
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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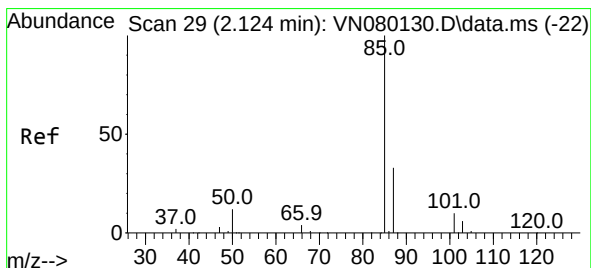
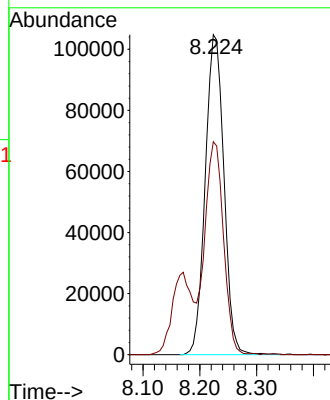
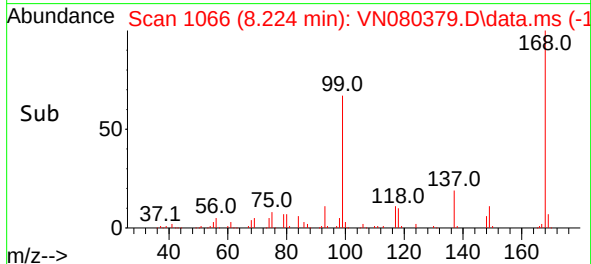
Instrument :
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Tgt Ion:168 Resp: 23817
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6

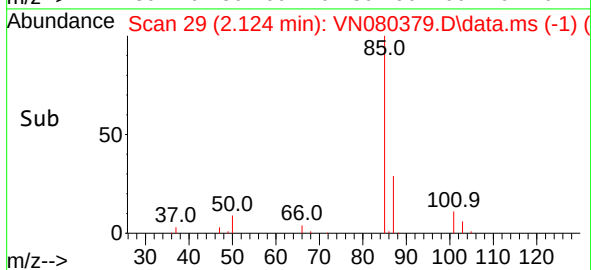
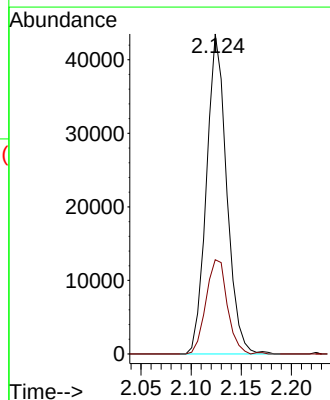
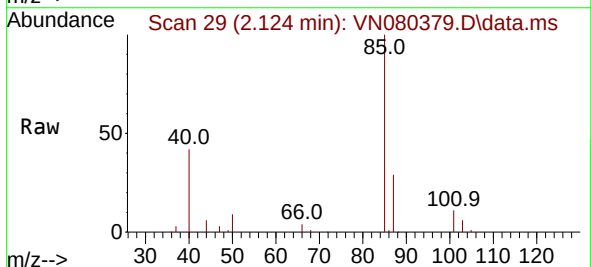
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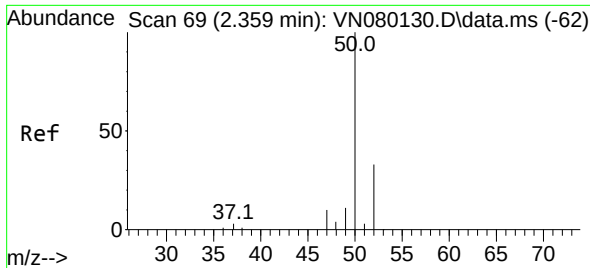
Reviewed By :John Carlone 12/08/2023
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#2
Dichlorodifluoromethane
Concen: 17.225 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 85 Resp: 61111
Ion Ratio Lower Upper
85 100
87 29.4 15.8 47.4





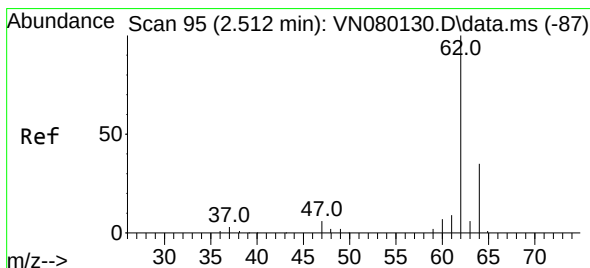
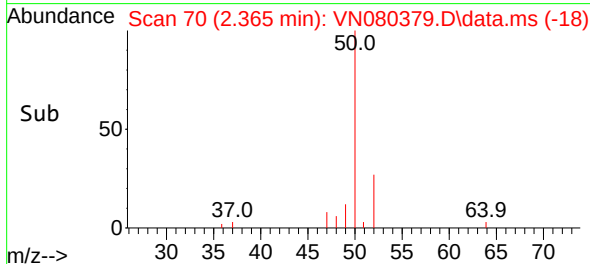
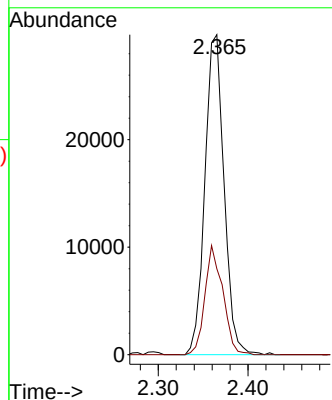
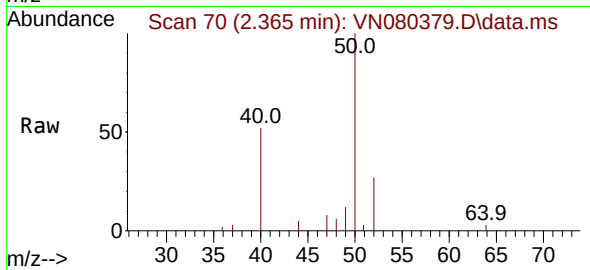
#3
Chloromethane
Concen: 16.549 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080379.D
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Tgt Ion: 50 Resp: 44140
Ion Ratio Lower Upper
50 100
52 26.9 26.5 39.7

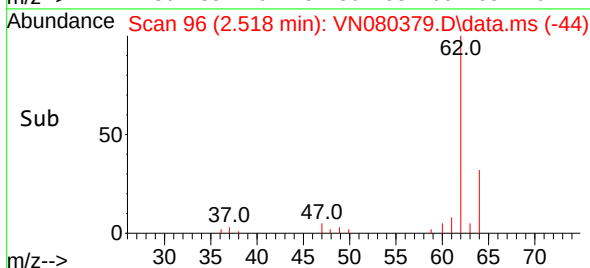
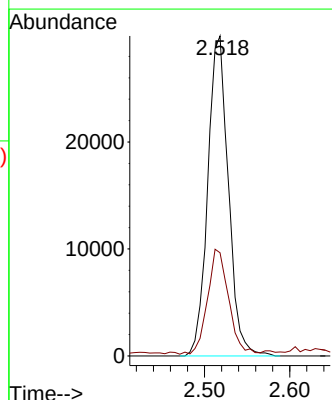
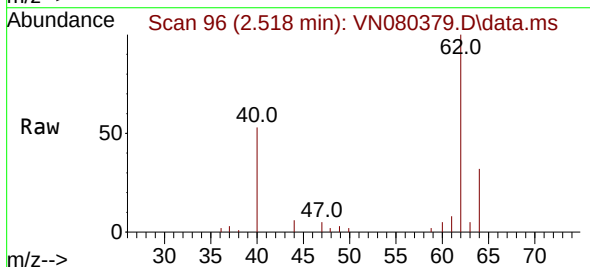
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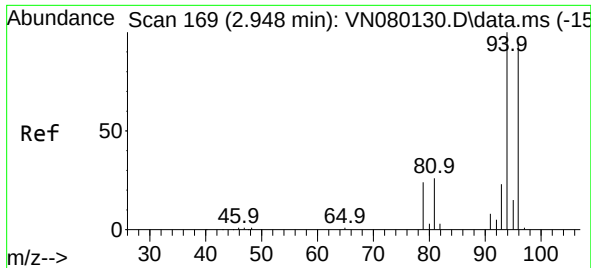
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#4
Vinyl Chloride
Concen: 17.806 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 62 Resp: 50262
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5

Bromomethane

Concen: 18.124 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tgt Ion: 94 Resp: 34730

Ion Ratio Lower Upper

94 100

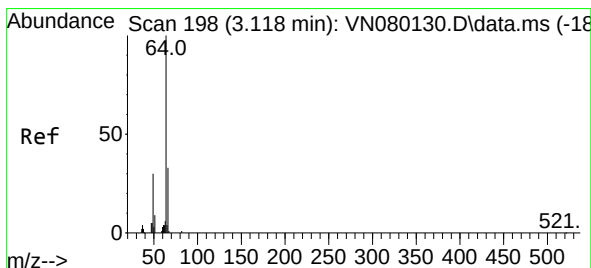
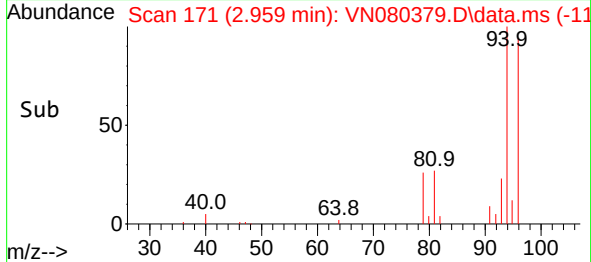
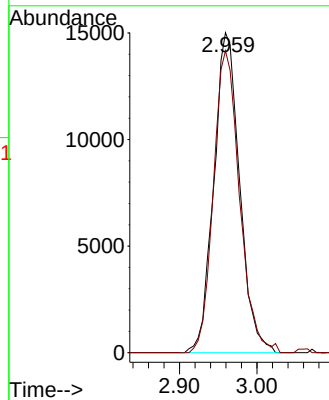
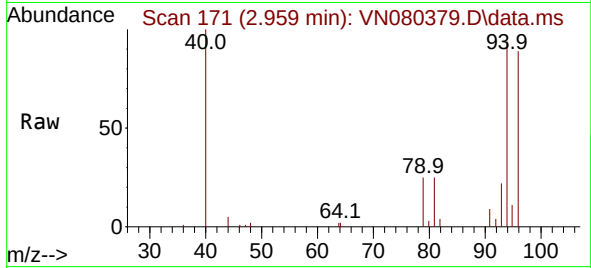
96 94.4 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 17.204 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080379.D

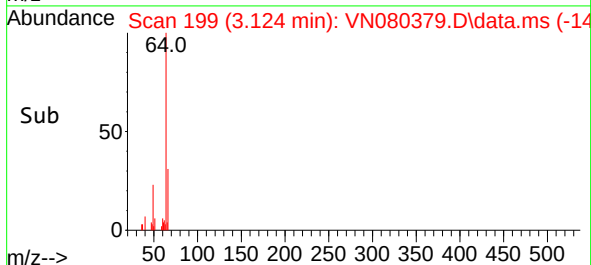
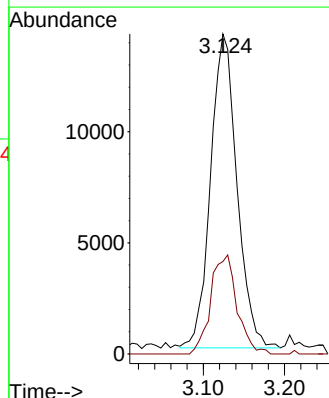
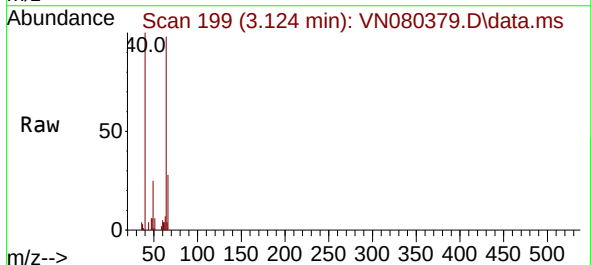
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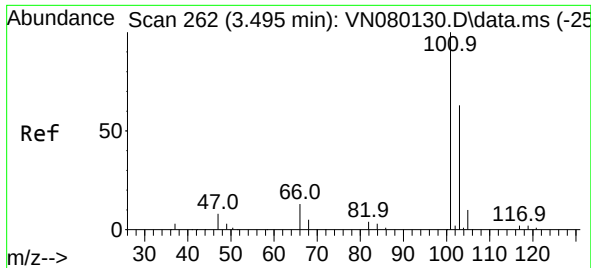
Tgt Ion: 64 Resp: 31979

Ion Ratio Lower Upper

64 100

66 29.5 25.4 38.2





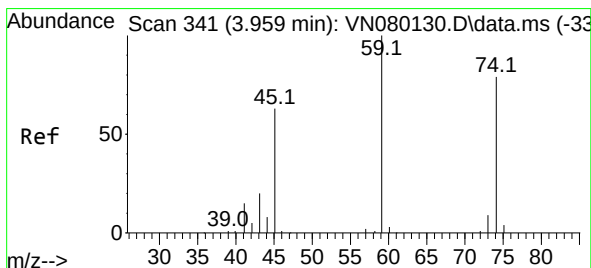
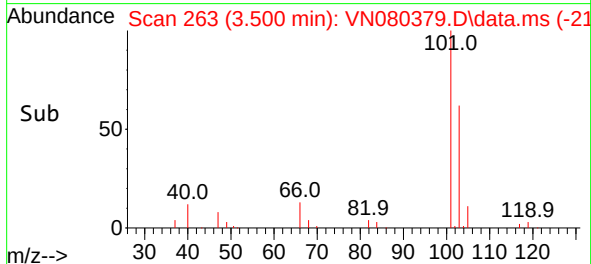
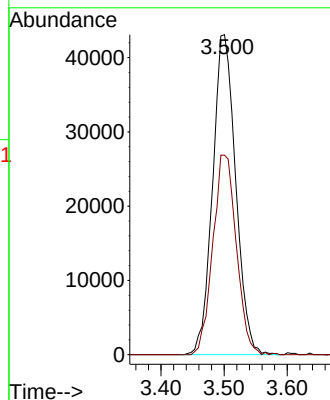
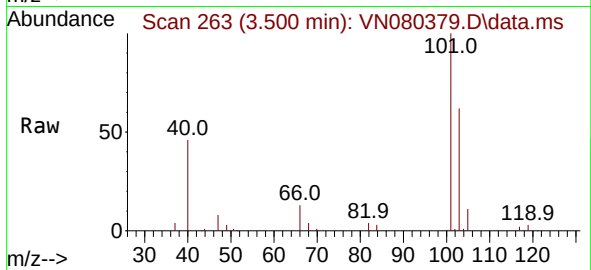
#7
 Trichlorofluoromethane
 Concen: 18.565 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN080379.D
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Instrument :
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Tgt Ion:101 Resp: 109310
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.7 76.1

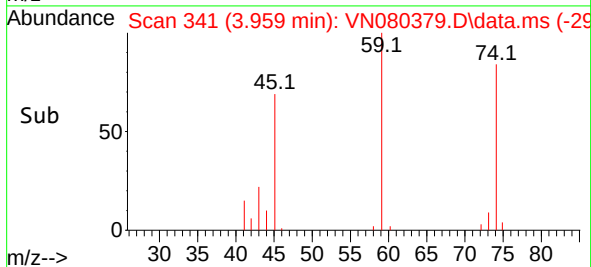
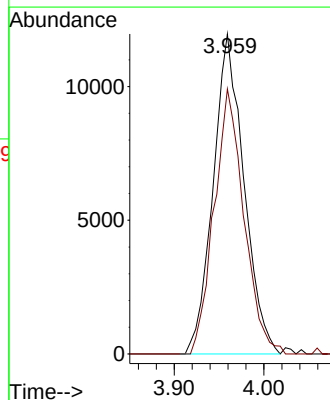
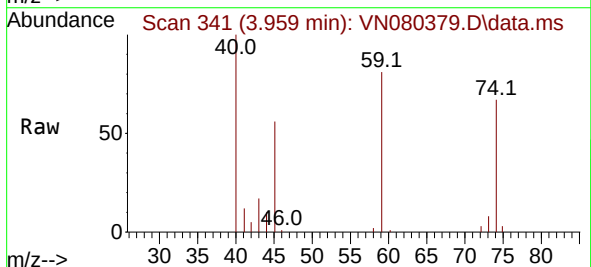
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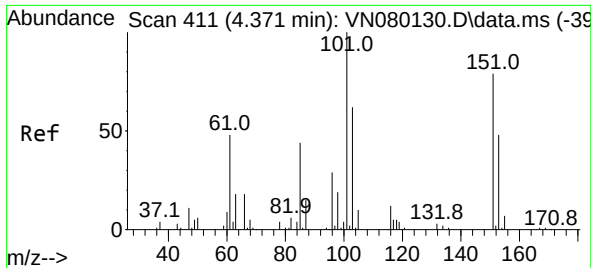
Reviewed By :John Carlone 12/08/2023
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#8
 Diethyl Ether
 Concen: 16.614 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

Tgt Ion: 74 Resp: 28451
 Ion Ratio Lower Upper
 74 100
 45 80.4 34.4 103.3





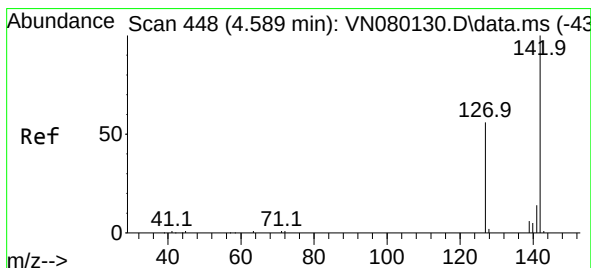
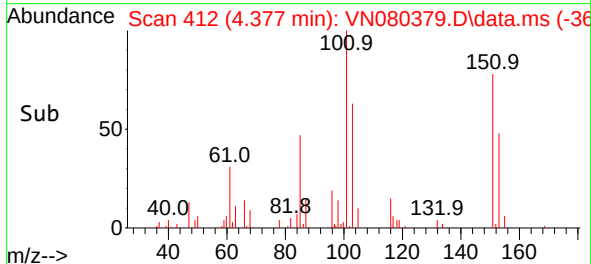
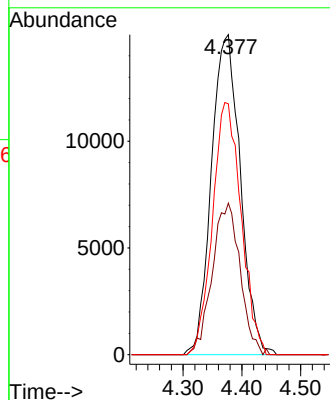
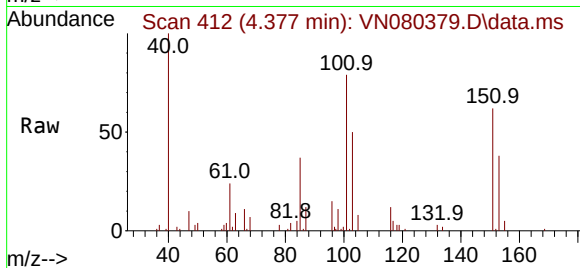
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.033 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080379.D
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VN1206WBS01

Tgt Ion:101 Resp: 51220
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 77.9 57.6 86.4

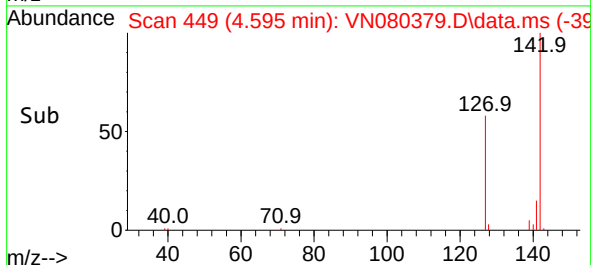
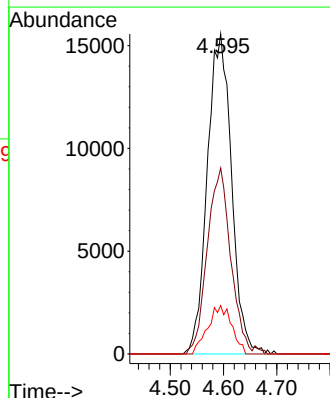
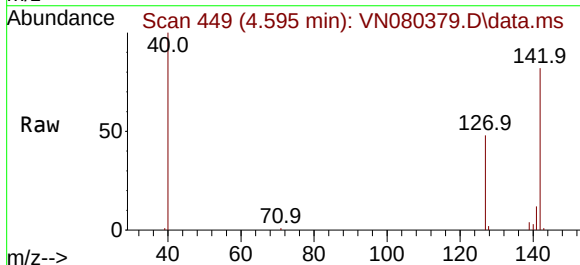
Manual Integrations
APPROVED

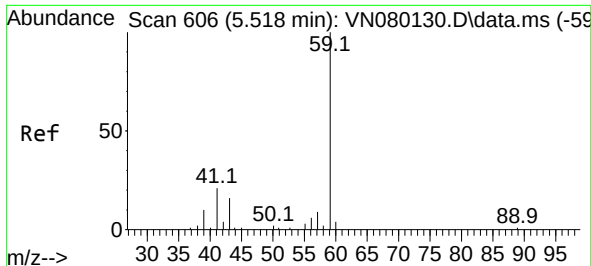
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#10
Methyl Iodide
Concen: 16.886 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

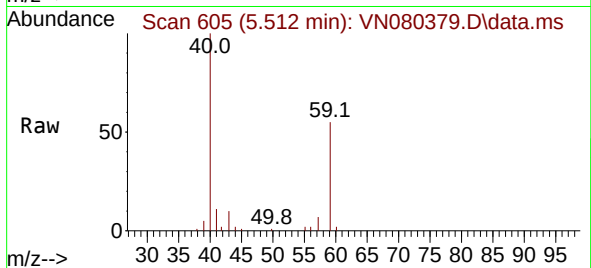
Tgt Ion:142 Resp: 49116
Ion Ratio Lower Upper
142 100
127 58.1 37.6 56.4#
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 84.999 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

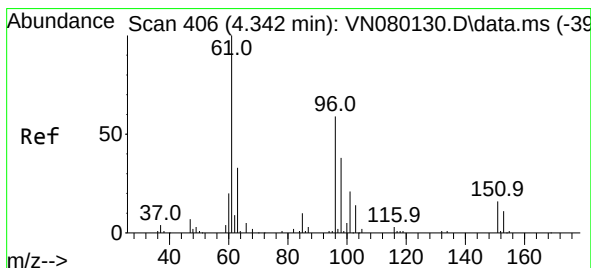
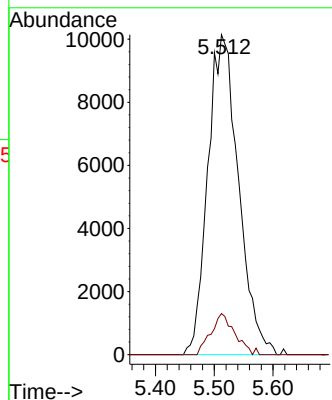
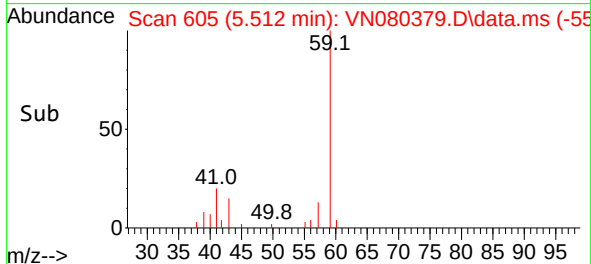
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



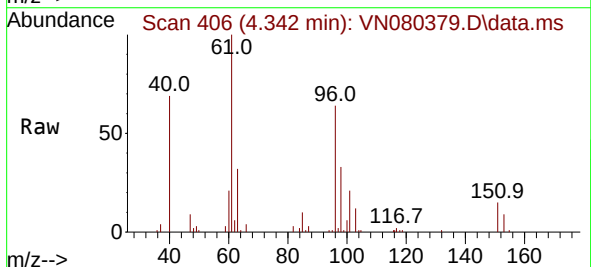
Tgt Ion: 59 Resp: 36759
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

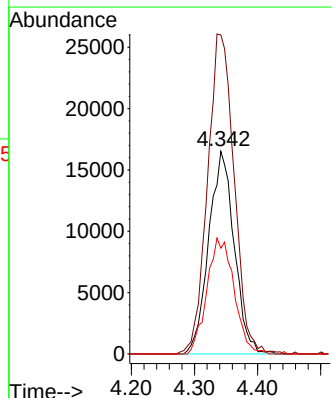
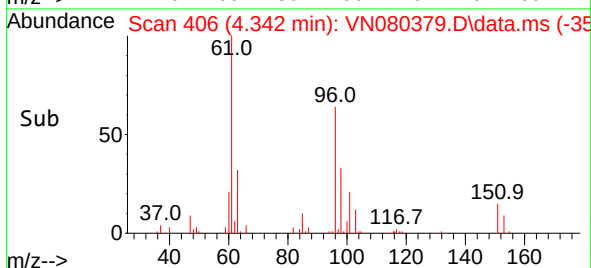
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

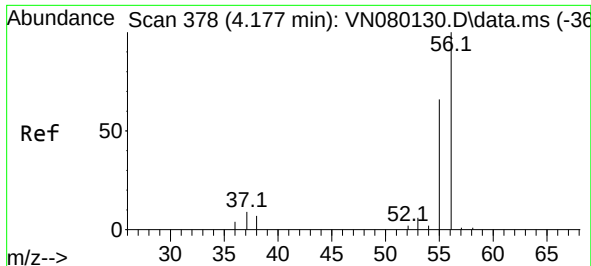


#12
1,1-Dichloroethene
Concen: 18.428 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion: 96 Resp: 46388
Ion Ratio Lower Upper
96 100
61 156.5 112.7 169.1
98 52.2 51.2 76.8





#13

Acrolein

Concen: 116.047 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tgt Ion: 56 Resp: 44414

Ion Ratio Lower Upper

56 100

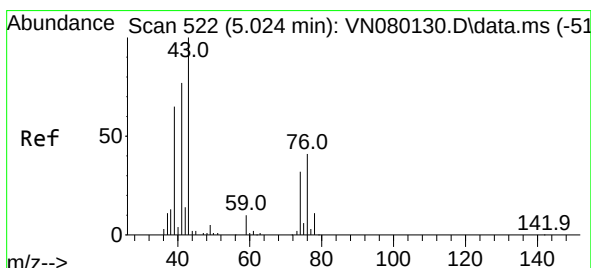
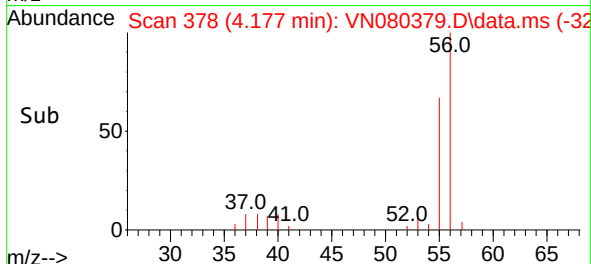
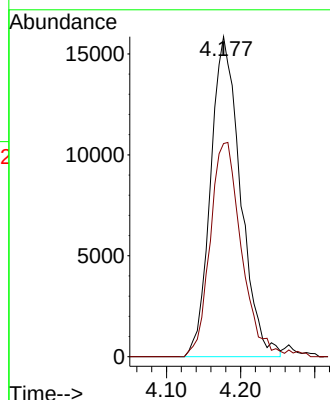
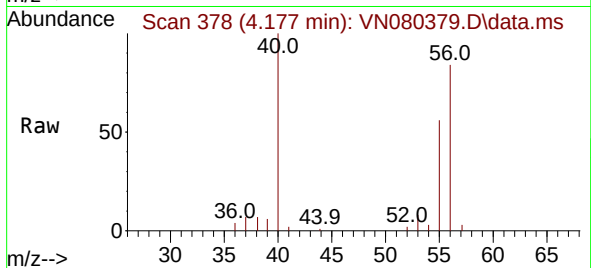
55 69.8 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#14

Allyl chloride

Concen: 17.163 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

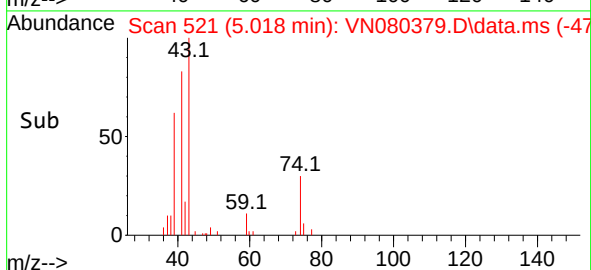
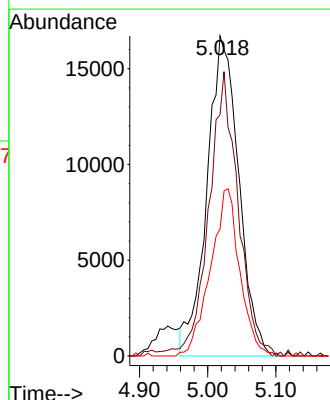
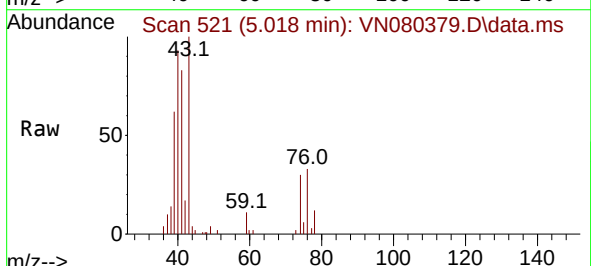
Tgt Ion: 41 Resp: 54358

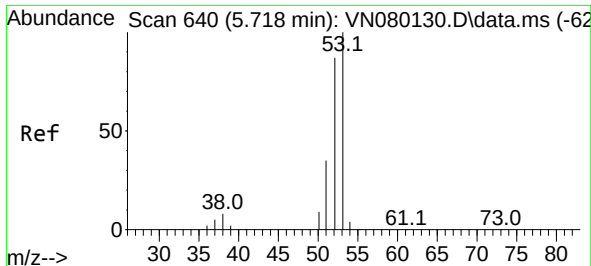
Ion Ratio Lower Upper

41 100

39 81.4 58.8 88.2

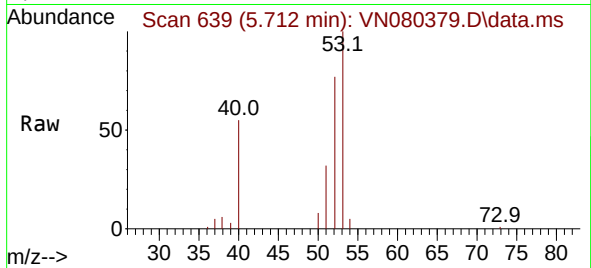
76 47.9 39.1 58.7





#15
Acrylonitrile
Concen: 86.734 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

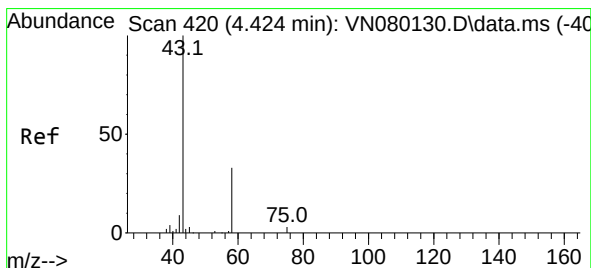
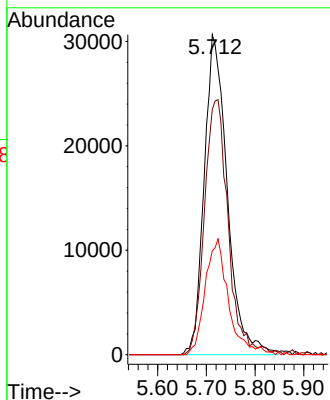
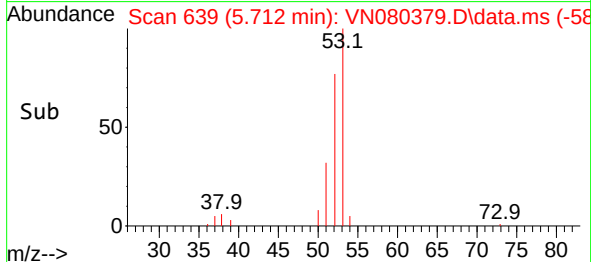
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 53 Resp: 100694
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 36.6 28.9 43.3

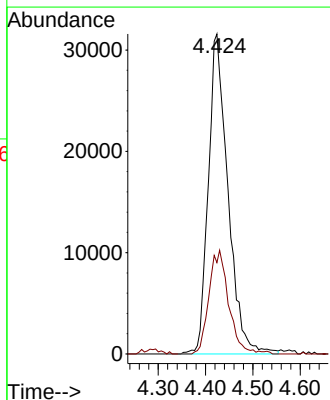
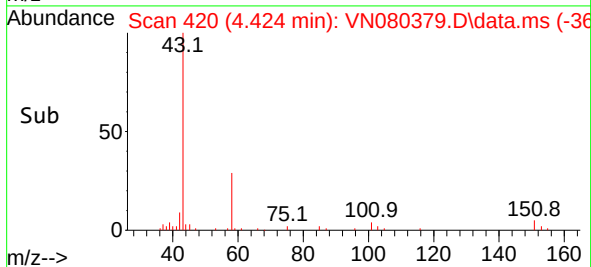
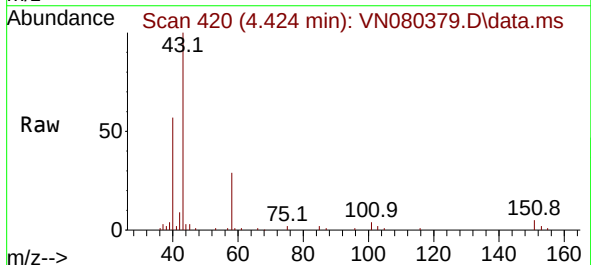
Manual Integrations
APPROVED

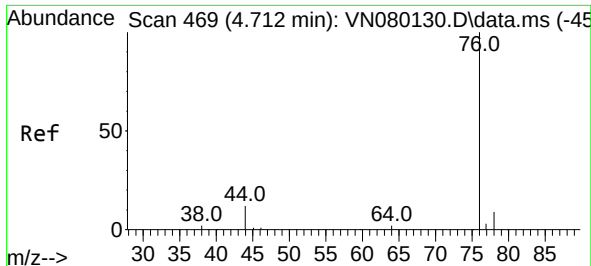
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#16
Acetone
Concen: 68.769 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

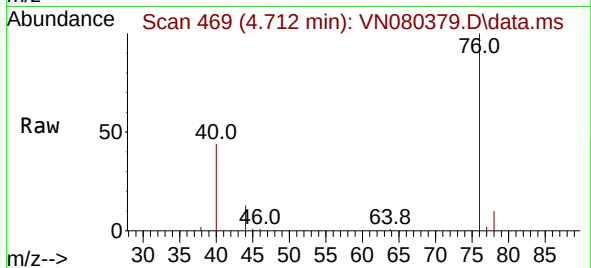
Tgt Ion: 43 Resp: 90834
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0





#17
Carbon Disulfide
Concen: 16.417 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

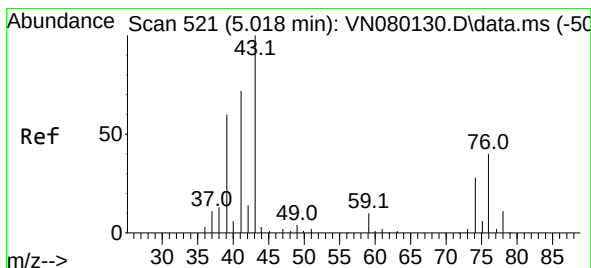
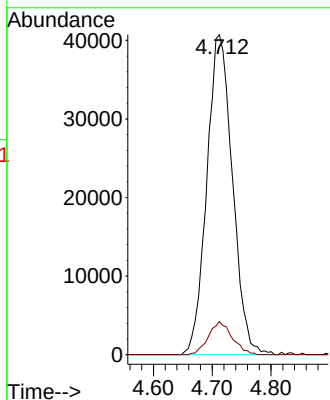
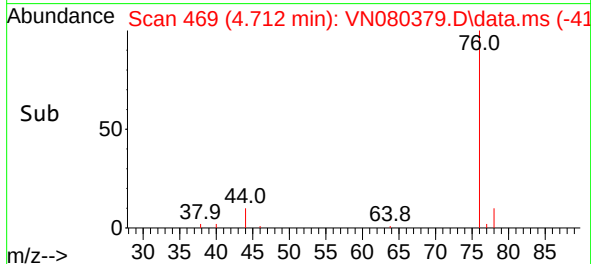
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



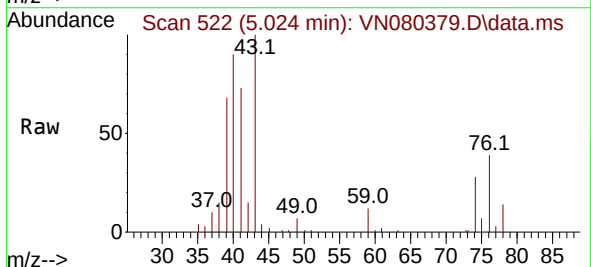
Tgt Ion: 76 Resp: 123400
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

Manual Integrations
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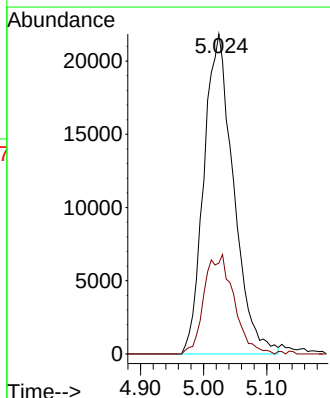
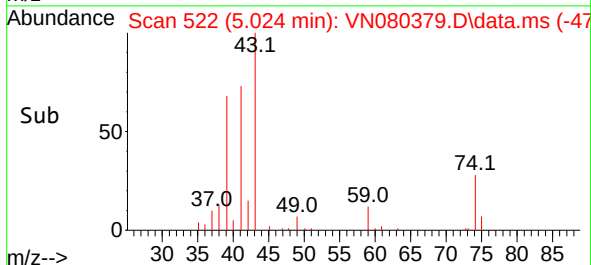
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

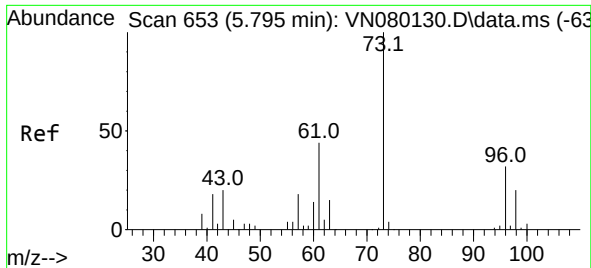


#18
Methyl Acetate
Concen: 16.824 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion: 43 Resp: 71400
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4





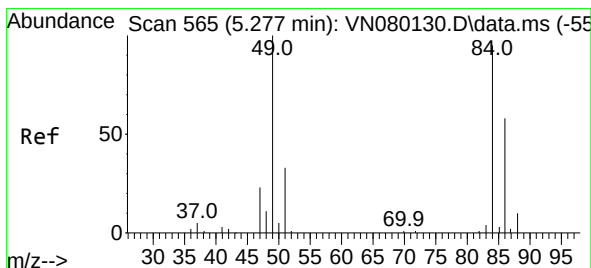
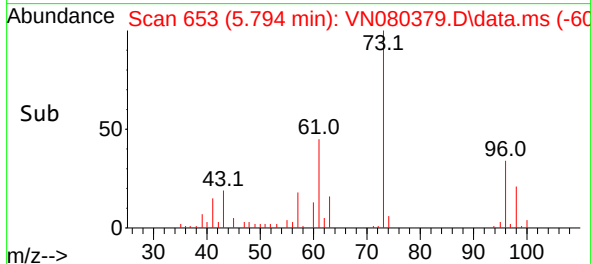
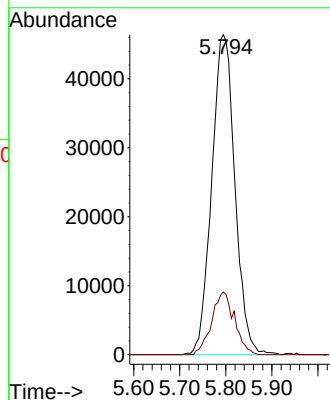
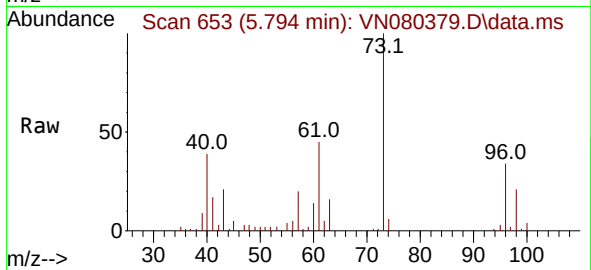
#19
Methyl tert-butyl Ether
Concen: 18.250 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion: 73 Resp: 162238
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

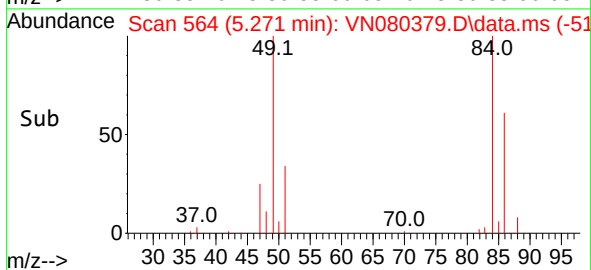
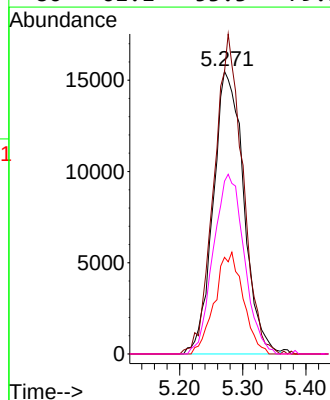
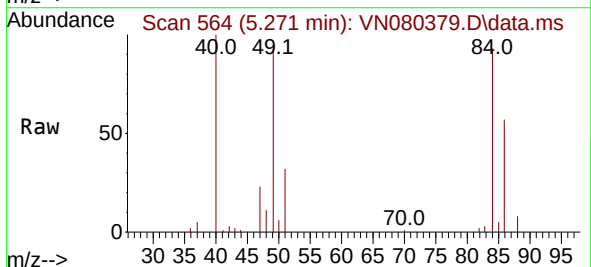
Manual Integrations
APPROVED

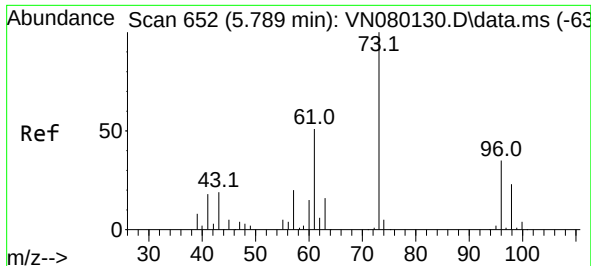
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#20
Methylene Chloride
Concen: 18.755 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

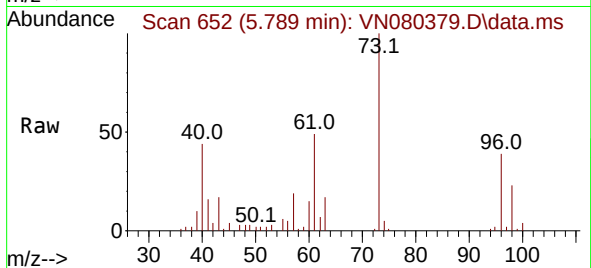
Tgt Ion: 84 Resp: 51877
Ion Ratio Lower Upper
84 100
49 99.8 79.7 119.5
51 34.2 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.601 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

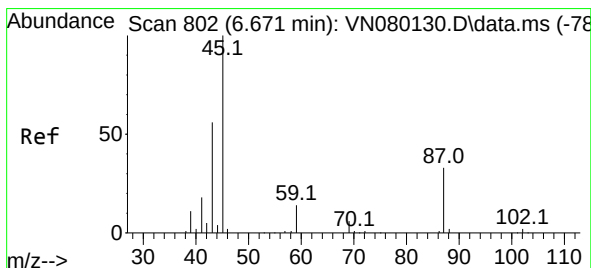
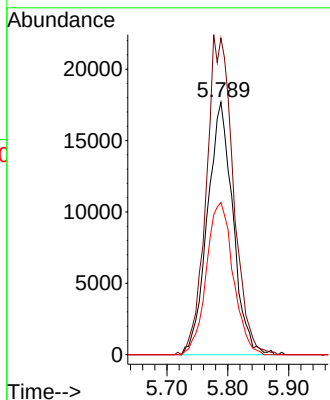
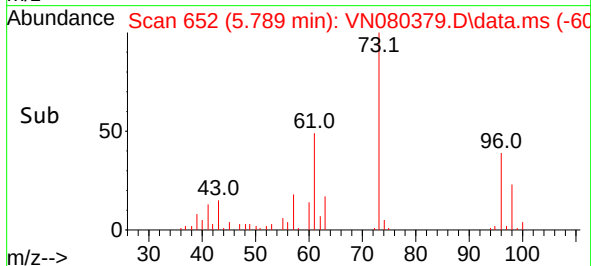
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



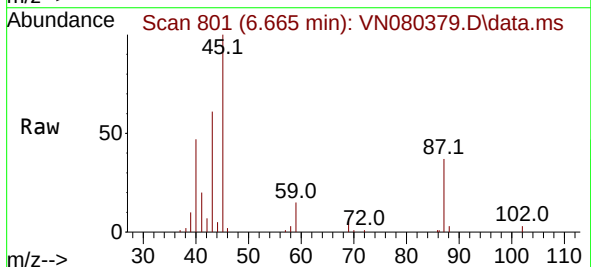
Tgt Ion: 96 Resp: 5144
Ion Ratio Lower Upper
96 100
61 125.4 90.1 135.1
98 60.3 46.4 69.6

Manual Integrations
APPROVED

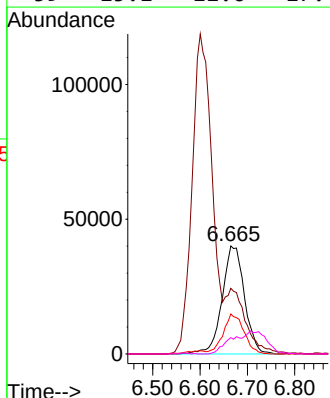
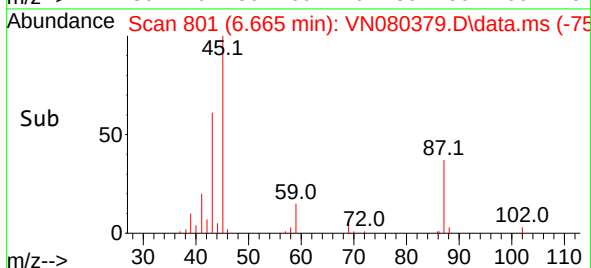
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

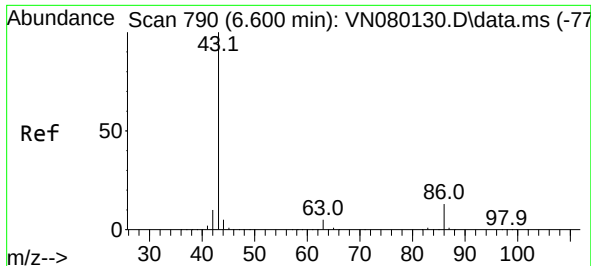


#22
Diisopropyl ether
Concen: 18.726 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion: 45 Resp: 131218
Ion Ratio Lower Upper
45 100
43 59.2 45.5 68.3
87 37.1 31.8 47.8
59 15.1 11.6 17.4





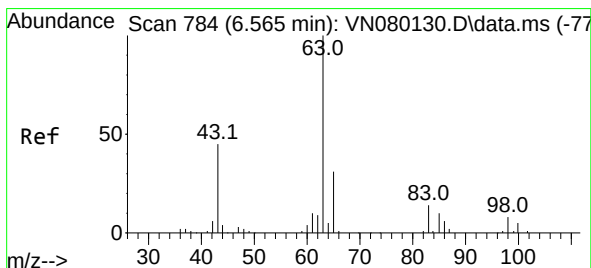
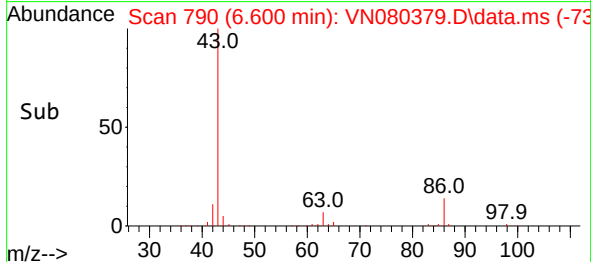
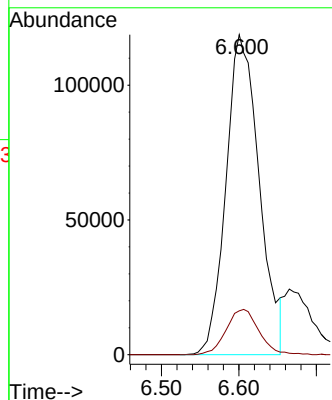
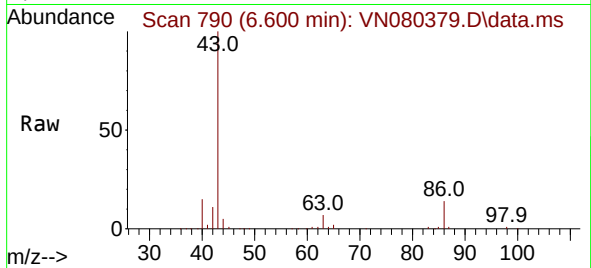
#23
 Vinyl Acetate
 Concen: 84.169 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Tgt Ion: 43 Resp: 354570
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6

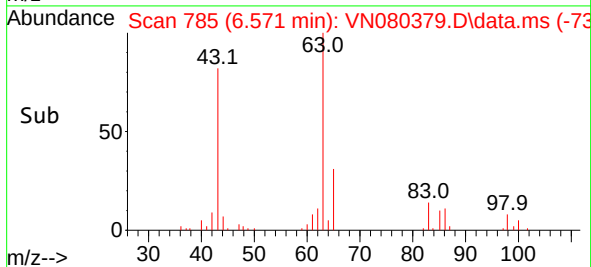
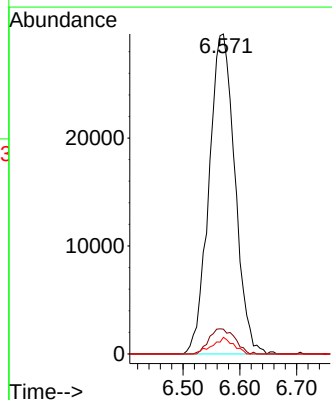
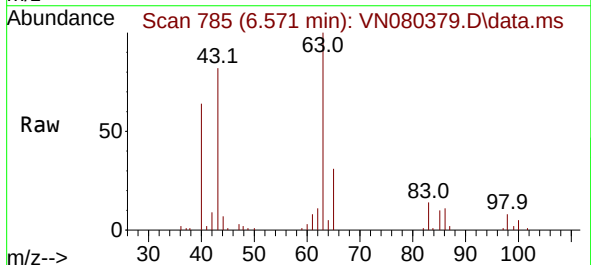
Manual Integrations
 APPROVED

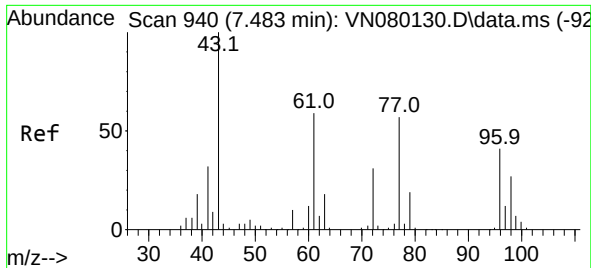
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#24
 1,1-Dichloroethane
 Concen: 18.376 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

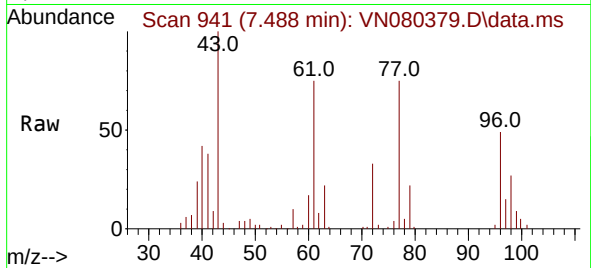
Tgt Ion: 63 Resp: 93781
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 73.490 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

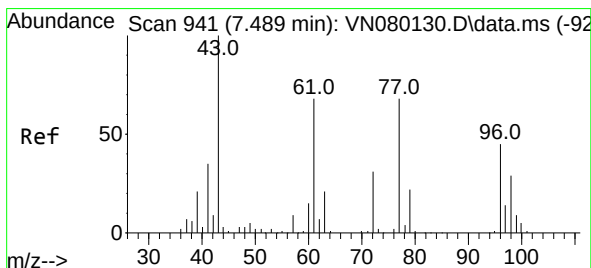
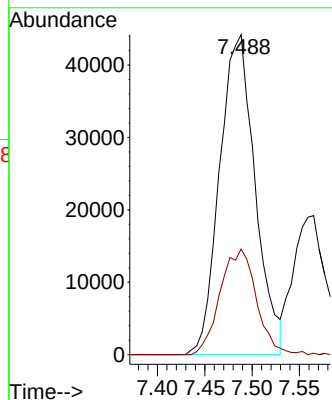
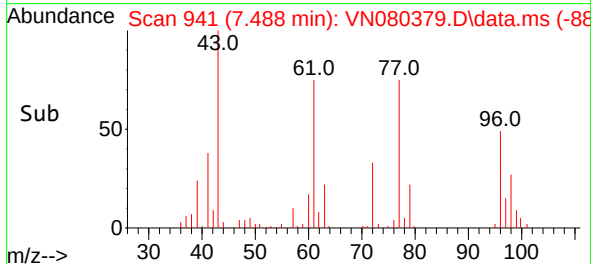
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 43 Resp: 11533
Ion Ratio Lower Upper
43 100
72 33.0 30.2 45.2

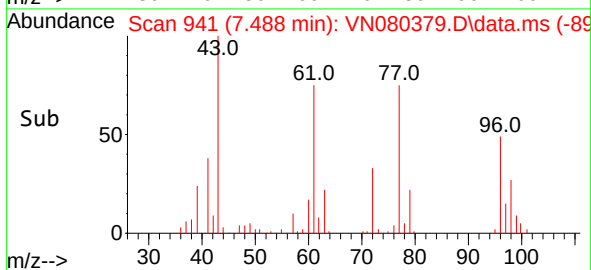
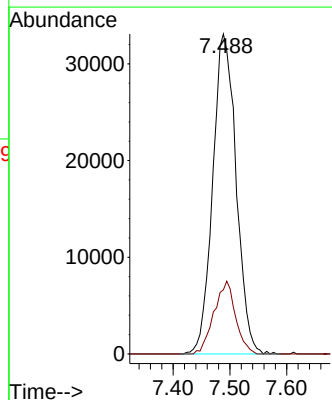
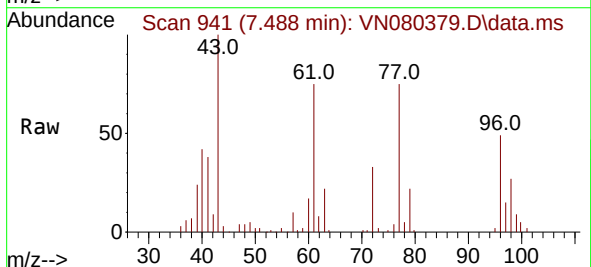
Manual Integrations
APPROVED

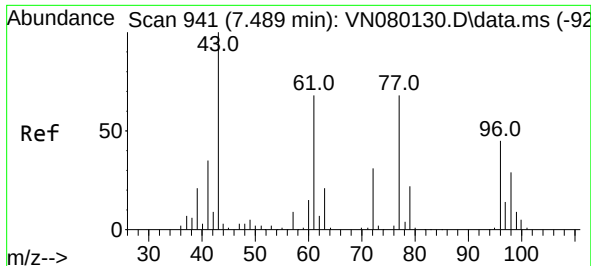
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#26
2,2-Dichloropropane
Concen: 18.693 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

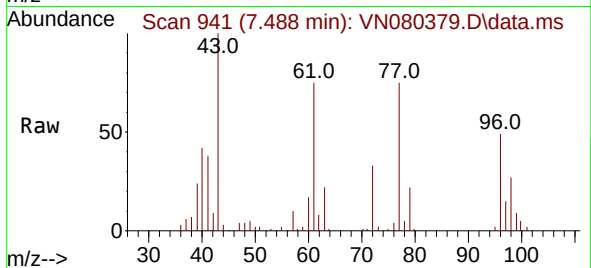
Tgt Ion: 77 Resp: 94651
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.317 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

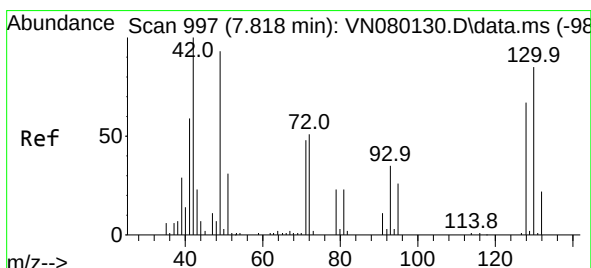
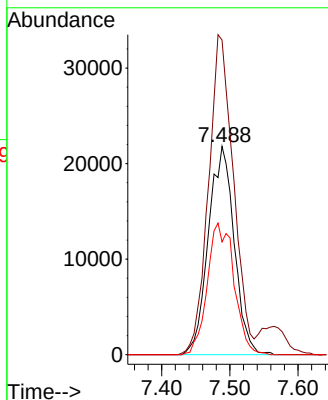
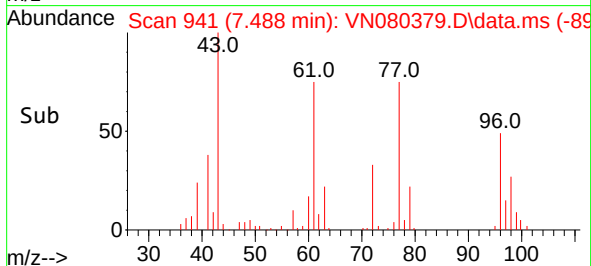
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01



Tgt Ion: 96 Resp: 57429
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 255.2
 98 65.4 0.0 128.8

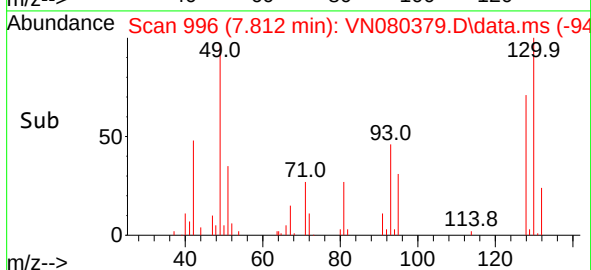
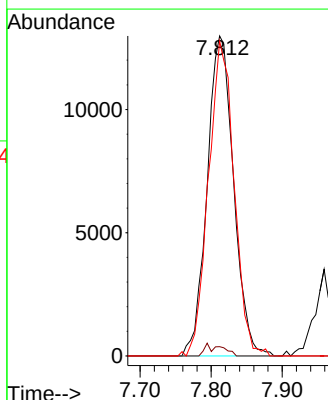
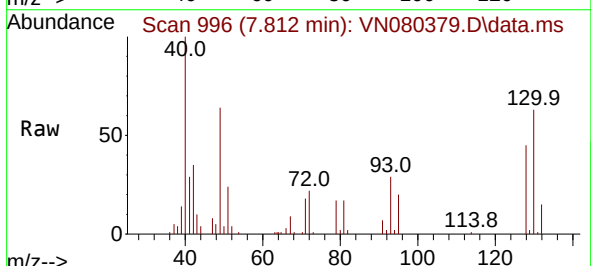
Manual Integrations
 APPROVED

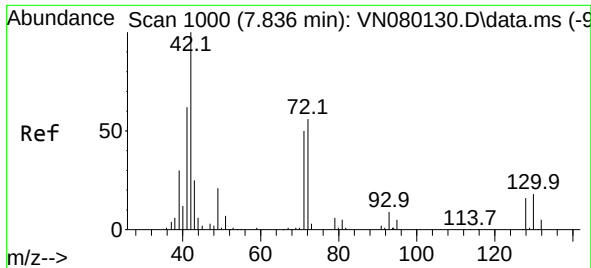
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#28
 Bromochloromethane
 Concen: 16.760 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

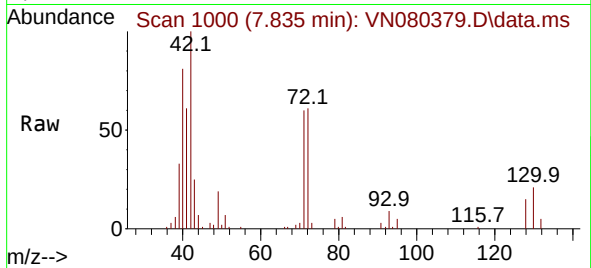
Tgt Ion: 49 Resp: 33626
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 95.2 75.3 112.9





#29
Tetrahydrofuran
Concen: 81.963 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

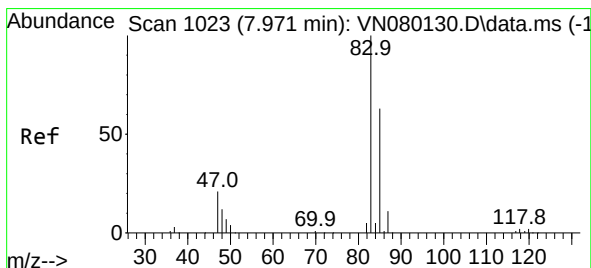
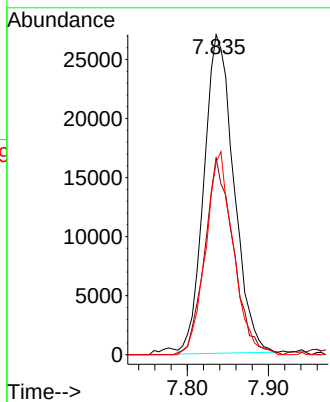
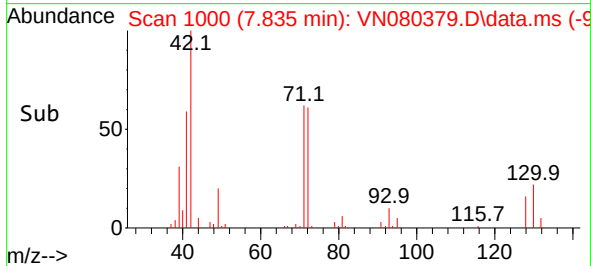
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 42 Resp: 6905
Ion Ratio Lower Upper
42 100
72 59.2 49.8 74.6
71 58.8 47.4 71.2

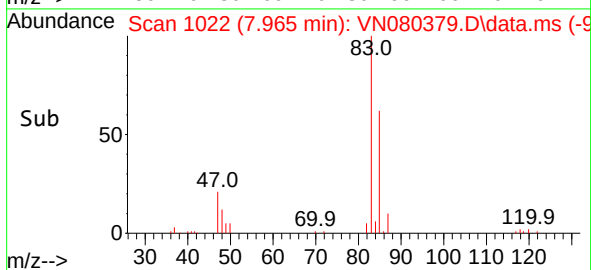
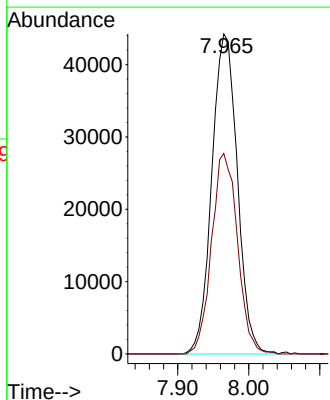
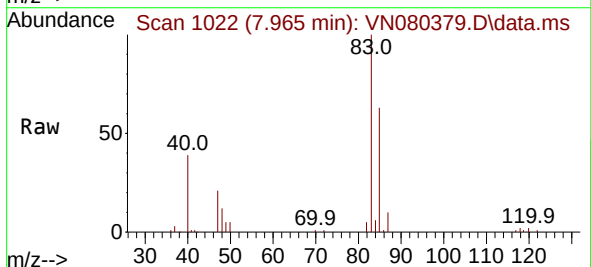
Manual Integrations
APPROVED

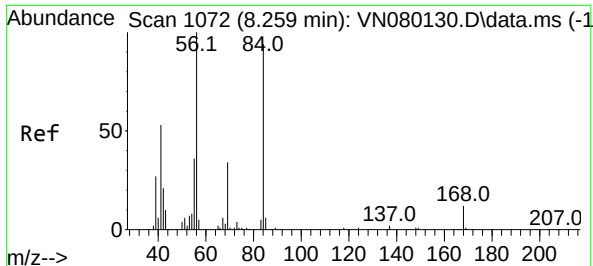
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#30
Chloroform
Concen: 19.341 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

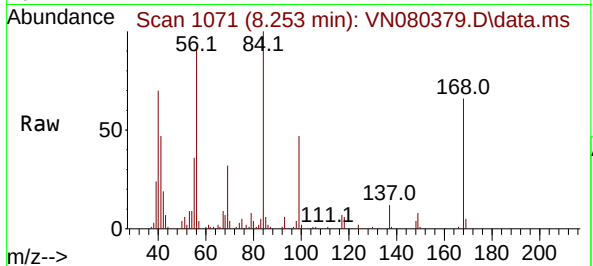
Tgt Ion: 83 Resp: 110324
Ion Ratio Lower Upper
83 100
85 62.7 55.4 83.0





#31
Cyclohexane
Concen: 16.802 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

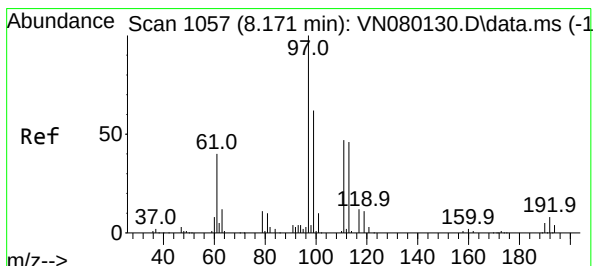
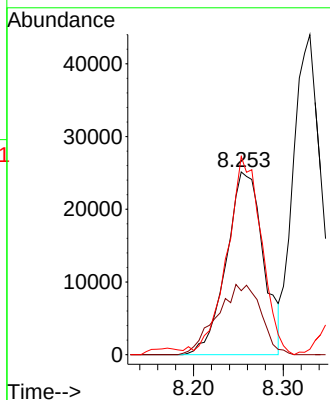
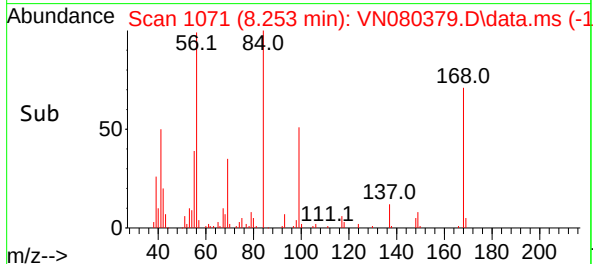
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 56 Resp: 71859
Ion Ratio Lower Upper
56 100
69 35.0 26.8 40.2
84 105.8 81.8 122.6

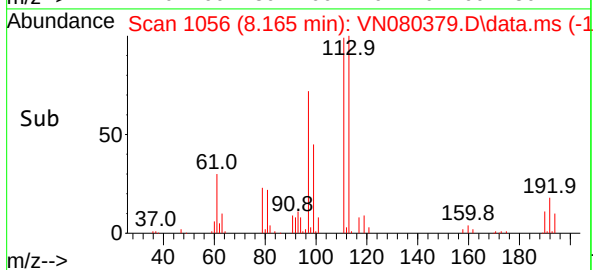
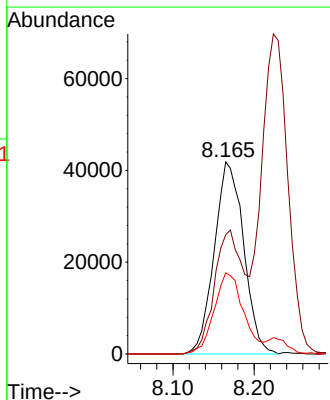
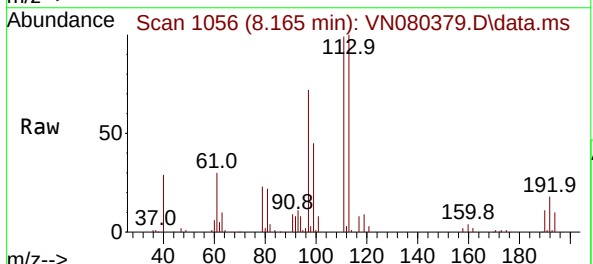
Manual Integrations
APPROVED

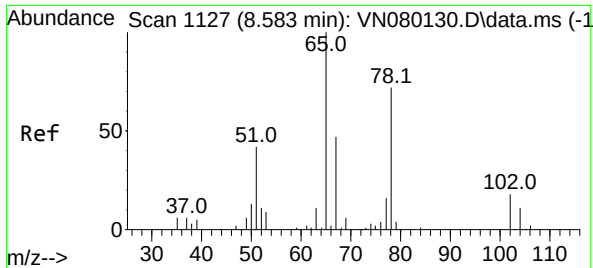
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#32
1,1,1-Trichloroethane
Concen: 18.897 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 97 Resp: 105123
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 42.5 34.7 52.1





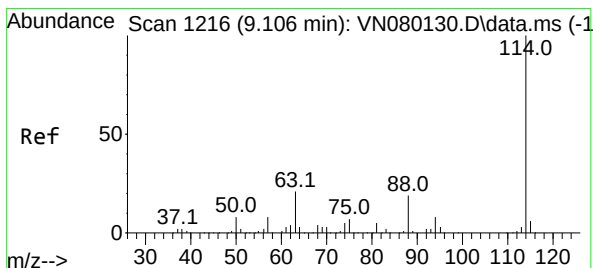
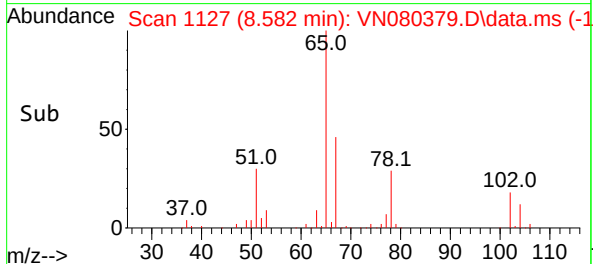
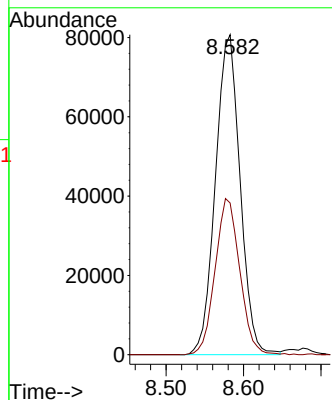
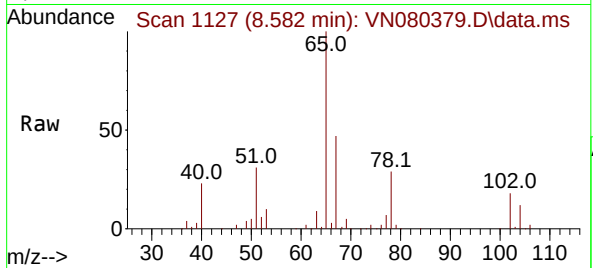
#33
1,2-Dichloroethane-d4
Concen: 45.418 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion: 65 Resp: 178609
Ion Ratio Lower Upper
65 100
67 48.8 0.0 106.6

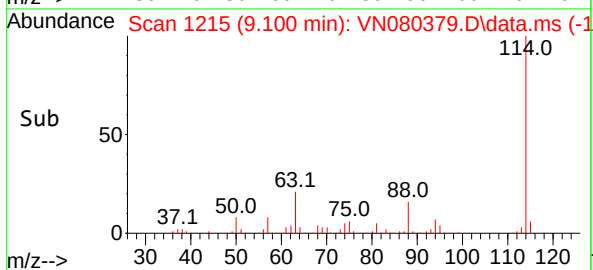
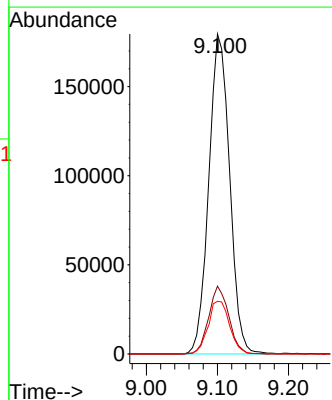
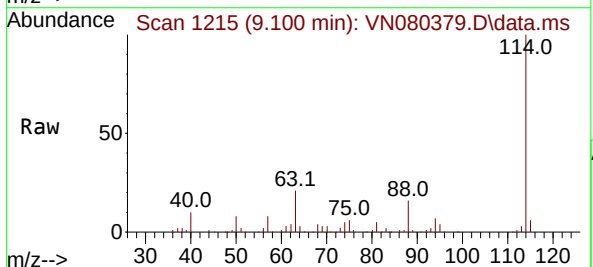
Manual Integrations
APPROVED

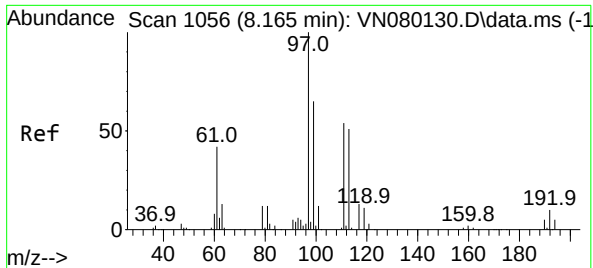
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

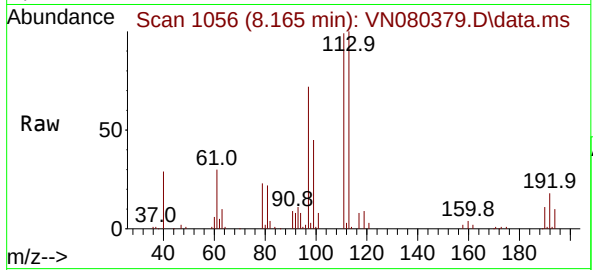
Tgt Ion:114 Resp: 365916
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 16.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.501 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

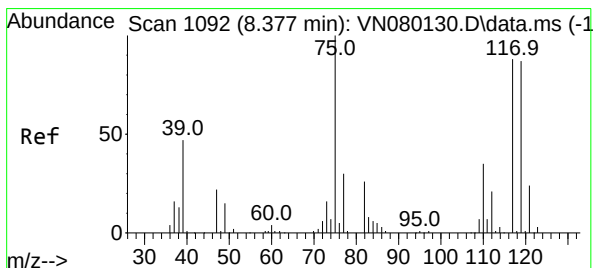
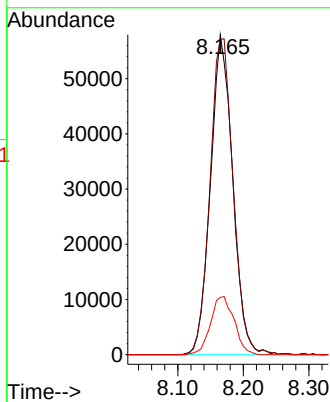
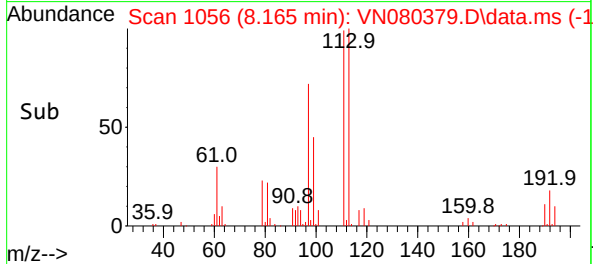
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion:113 Resp: 13635
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.3 12.7 19.1

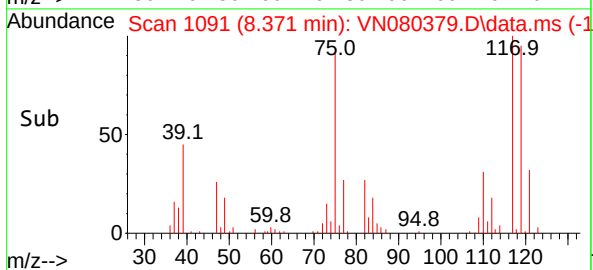
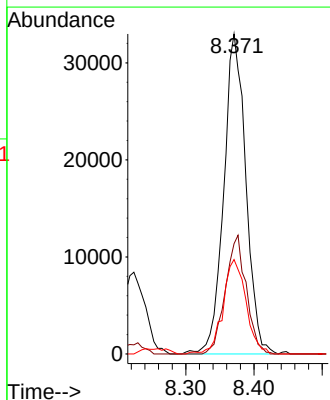
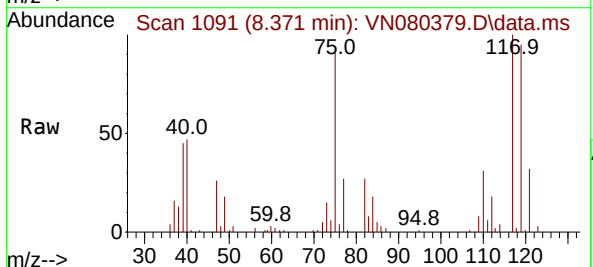
Manual Integrations
APPROVED

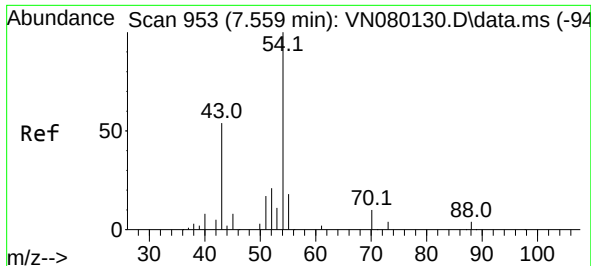
Reviewed By :John Carbone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#36
1,1-Dichloropropene
Concen: 19.037 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 75 Resp: 74417
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 17.115 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

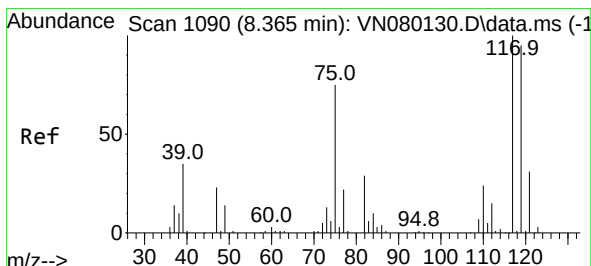
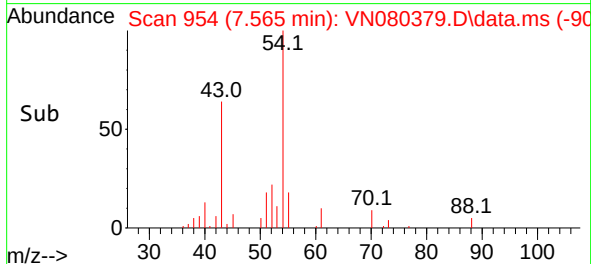
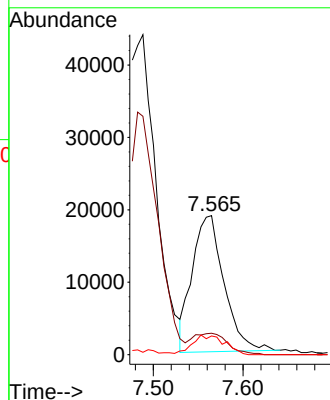
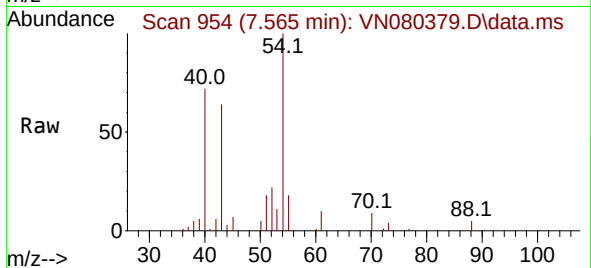
Tgt Ion: 43	Resp: 4640
Ion Ratio	Lower Upper
43	100
61	17.4 13.2 19.8
70	14.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#38

Carbon Tetrachloride

Concen: 19.826 ug/l

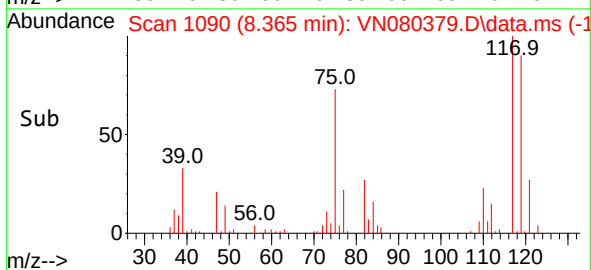
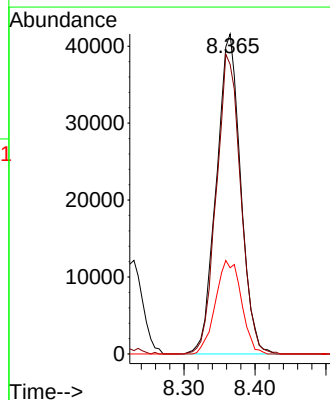
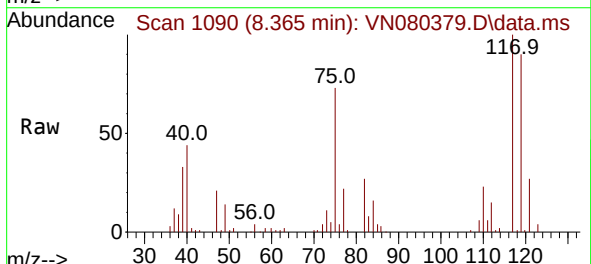
RT: 8.365 min Scan# 1090

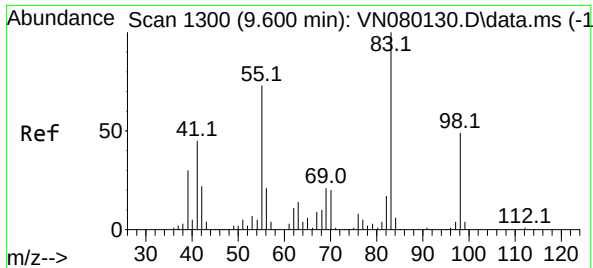
Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Tgt Ion: 117	Resp: 98347
Ion Ratio	Lower Upper
117	100
119	90.5 77.3 115.9
121	27.0 23.3 34.9





#39

Methylcyclohexane

Concen: 17.876 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tgt Ion: 83 Resp: 67378

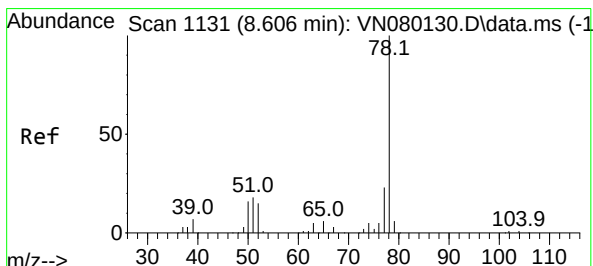
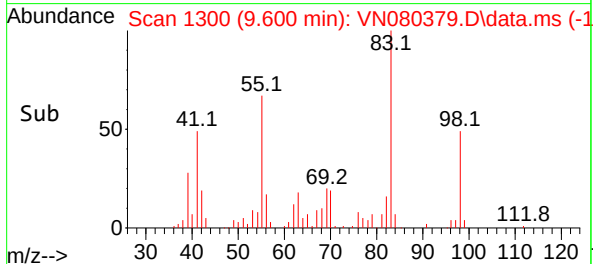
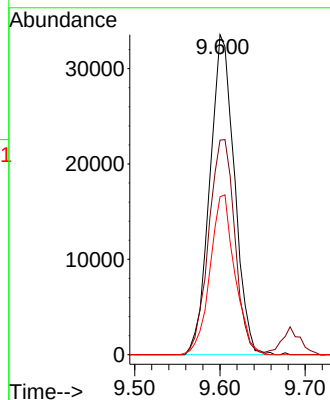
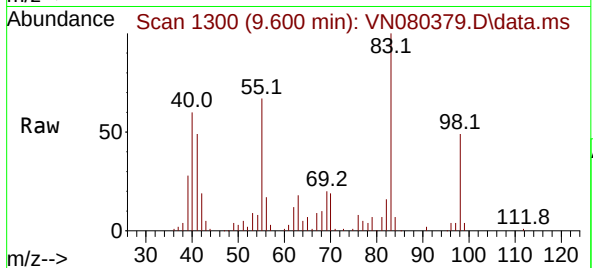
Ion	Ratio	Lower	Upper
83	100		
55	67.1	49.1	73.7
98	49.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#40

Benzene

Concen: 19.233 ug/l

RT: 8.606 min Scan# 1131

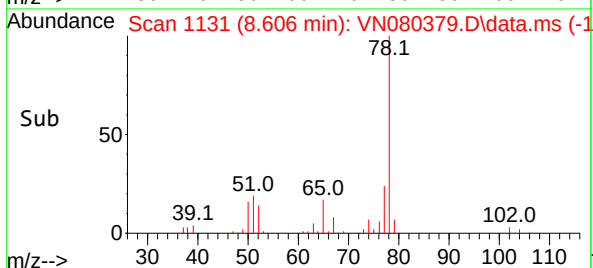
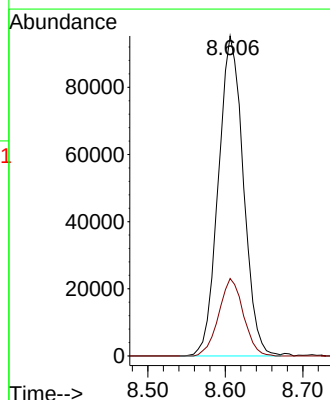
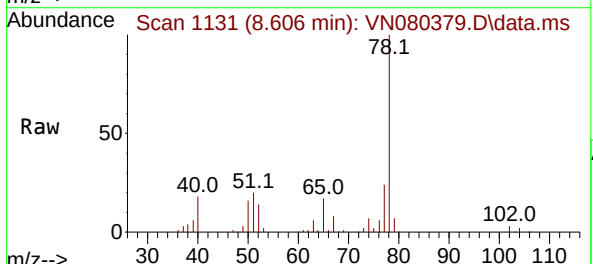
Delta R.T. -0.000 min

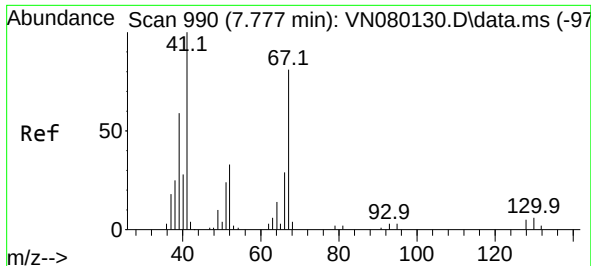
Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Tgt Ion: 78 Resp: 213674

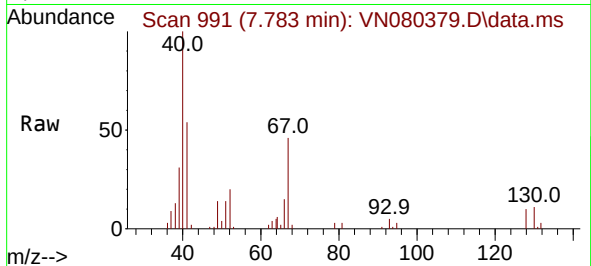
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 17.762 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

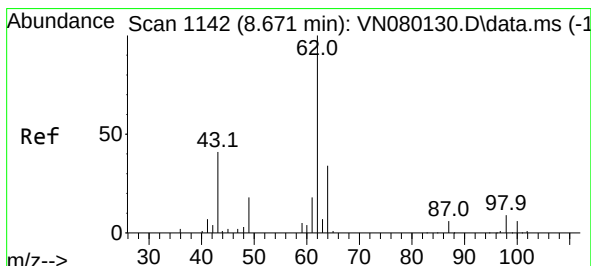
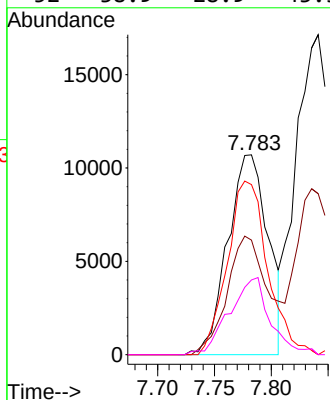
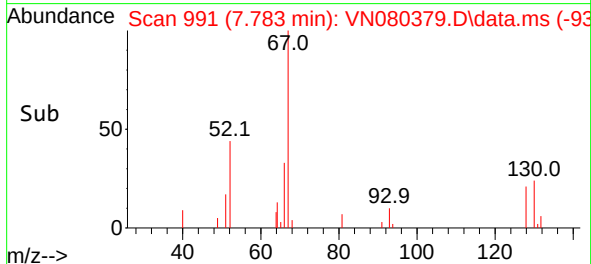
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 41 Resp: 26449
Ion Ratio Lower Upper
41 100
39 61.7 42.6 64.0
67 87.1 77.5 116.3
52 38.9 28.9 43.3

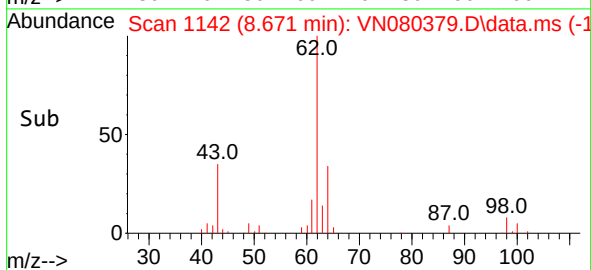
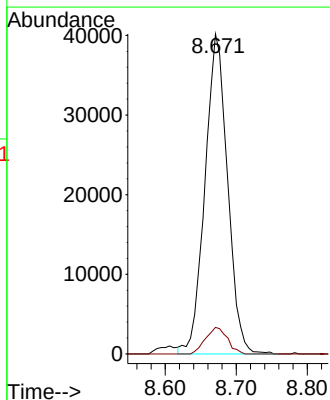
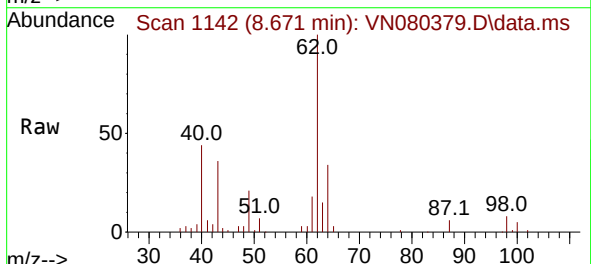
Manual Integrations
APPROVED

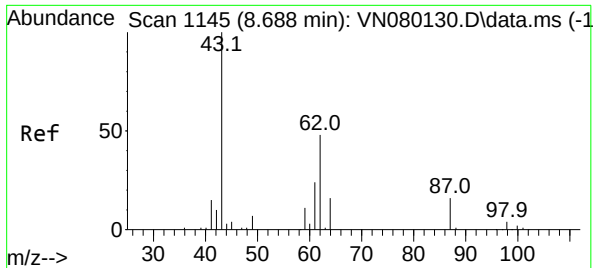
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#42
1,2-Dichloroethane
Concen: 19.537 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

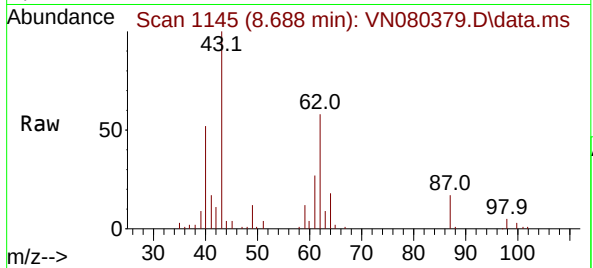
Tgt Ion: 62 Resp: 88804
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 15.449 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

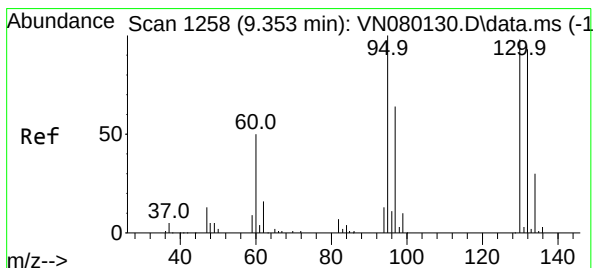
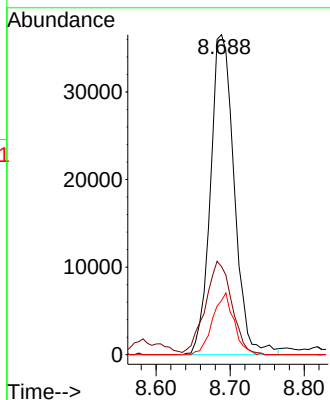
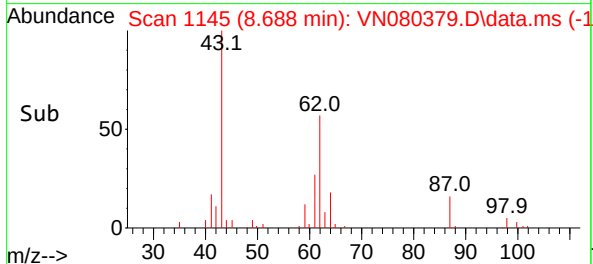
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



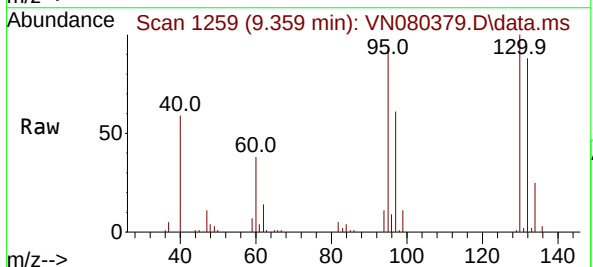
Tgt Ion: 43 Resp: 8151
Ion Ratio Lower Upper
43 100
61 32.7 24.7 37.1
87 17.3 14.6 21.8

Manual Integrations
APPROVED

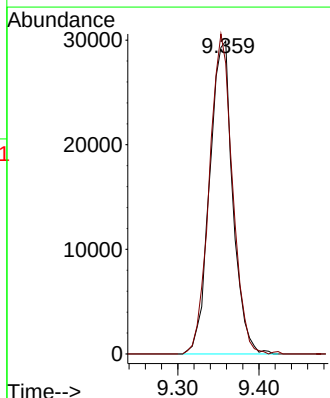
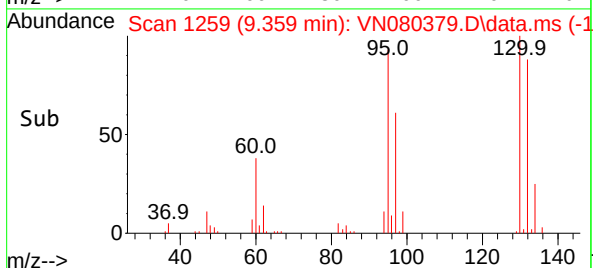
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

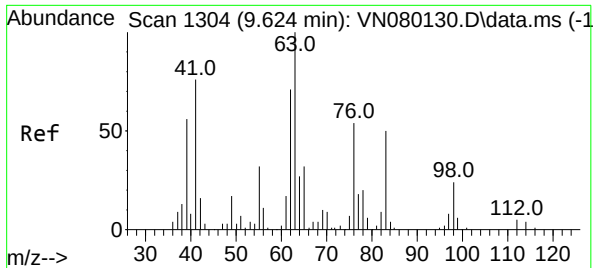


#44
Trichloroethene
Concen: 20.307 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion:130 Resp: 59181
Ion Ratio Lower Upper
130 100
95 92.9 0.0 204.6





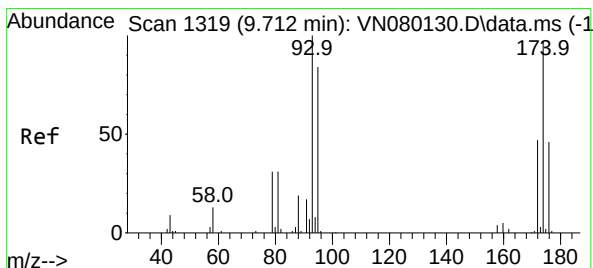
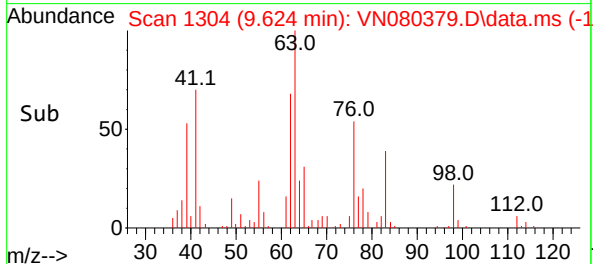
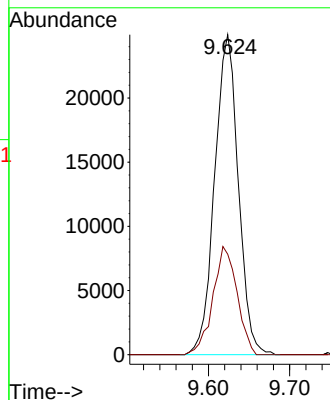
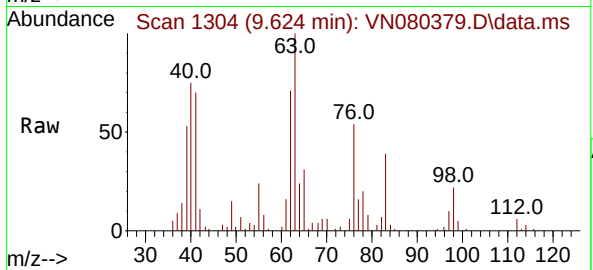
#45
1,2-Dichloropropane
Concen: 19.545 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion: 63 Resp: 50462
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9

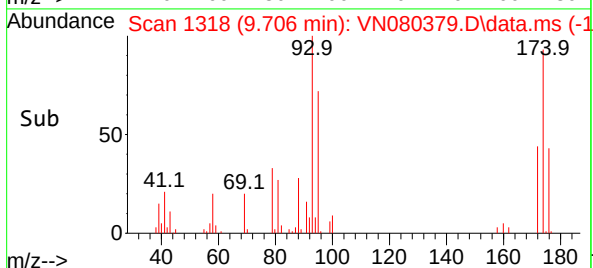
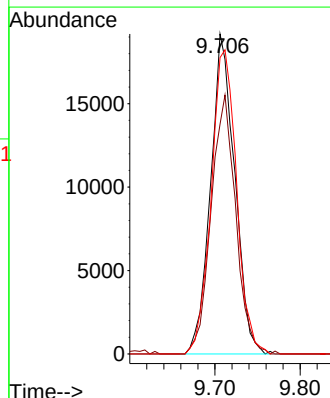
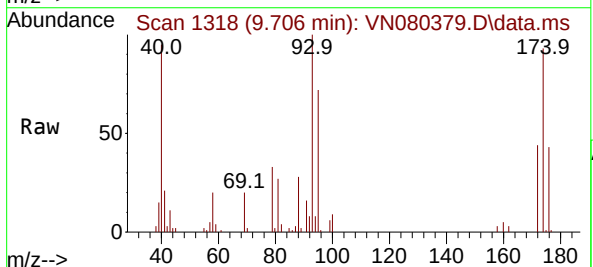
Manual Integrations
APPROVED

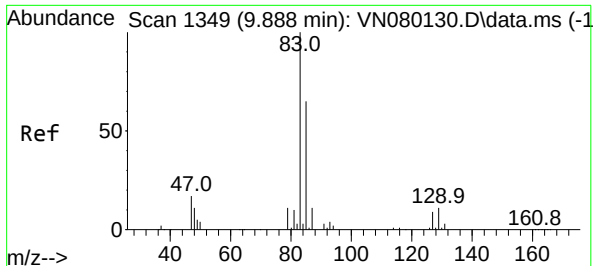
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#46
Dibromomethane
Concen: 19.387 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

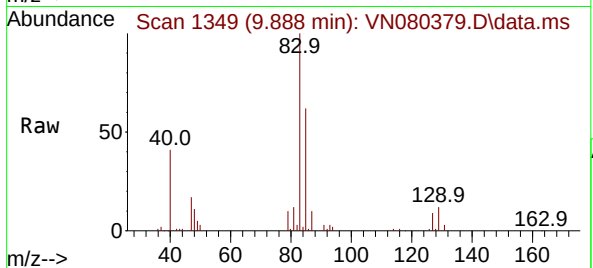
Tgt Ion: 93 Resp: 37890
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 99.7 65.6 98.4#





#47
Bromodichloromethane
Concen: 20.120 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

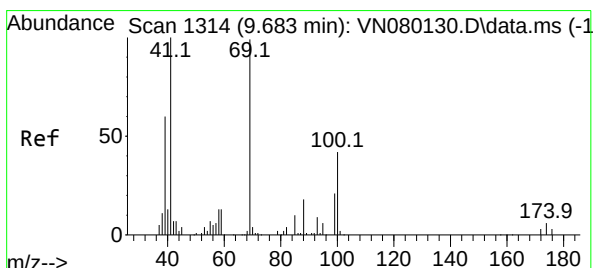
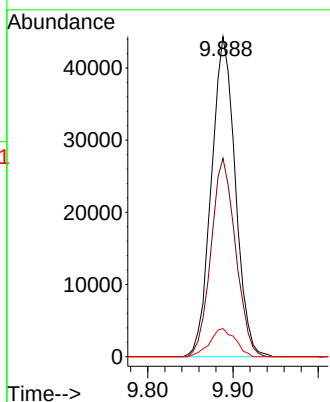
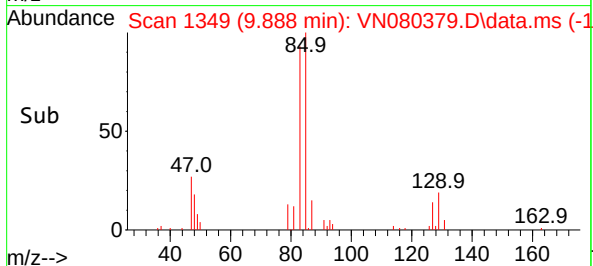
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 83 Resp: 86498
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4
127 8.8 7.0 10.6

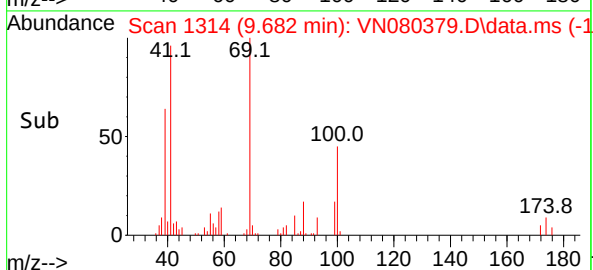
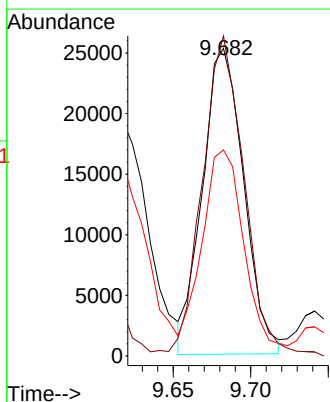
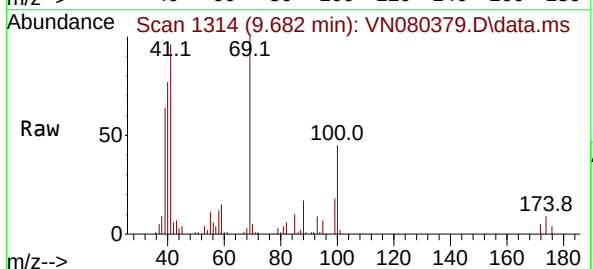
Manual Integrations
APPROVED

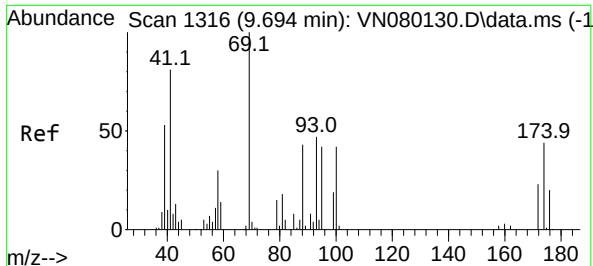
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#48
Methyl methacrylate
Concen: 17.156 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 41 Resp: 46650
Ion Ratio Lower Upper
41 100
69 105.8 90.4 135.6
39 69.8 54.6 81.8





#49

1,4-Dioxane

Concen: 345.211 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tgt Ion: 88 Resp: 15610

Ion Ratio Lower Upper

88 100

43 36.3 17.0 25.6

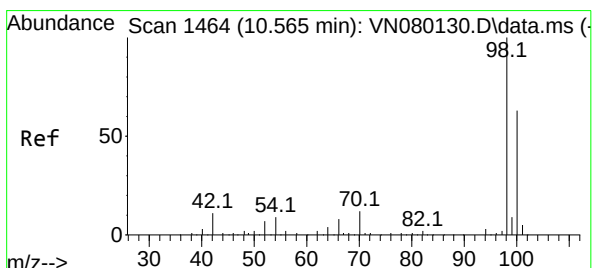
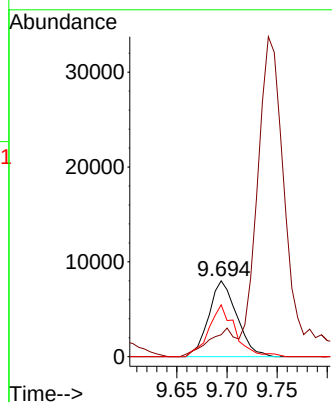
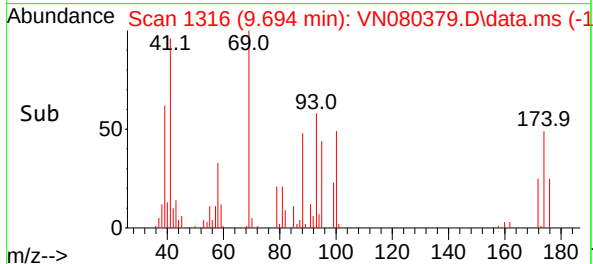
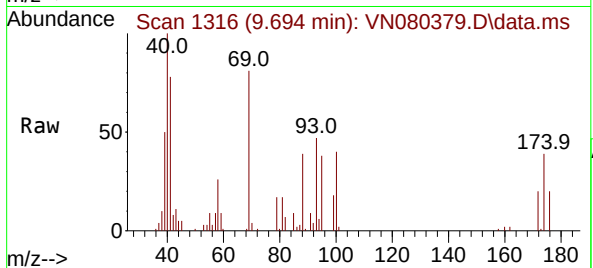
58 64.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#50

Toluene-d8

Concen: 48.966 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080379.D

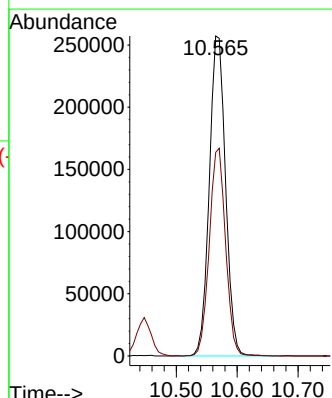
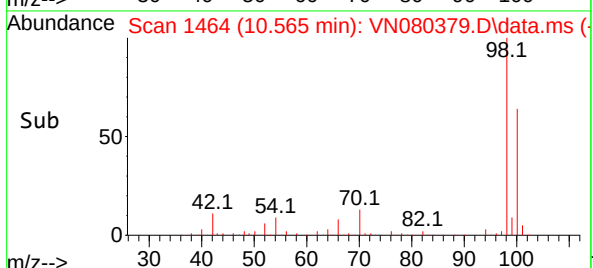
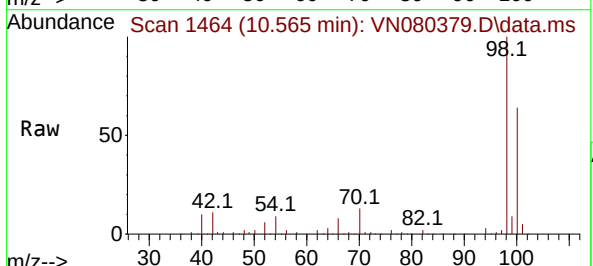
Acq: 06 Dec 2023 12:14

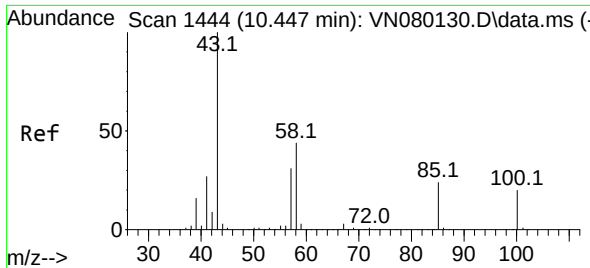
Tgt Ion: 98 Resp: 476576

Ion Ratio Lower Upper

98 100

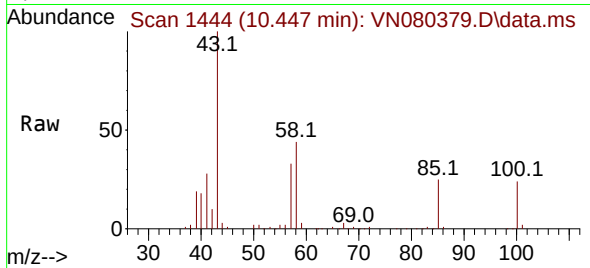
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 88.058 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

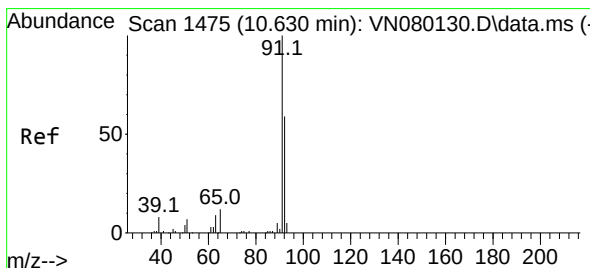
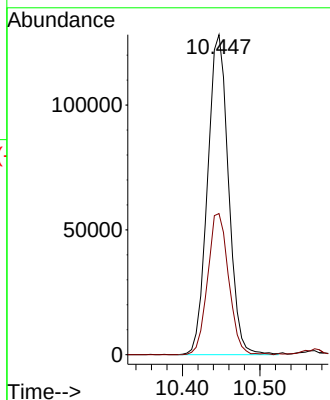
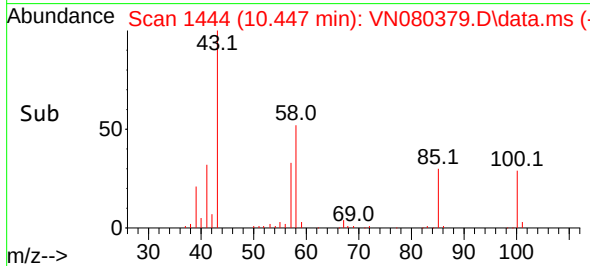
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 43 Resp: 240549
Ion Ratio Lower Upper
43 100
58 44.3 36.6 54.8

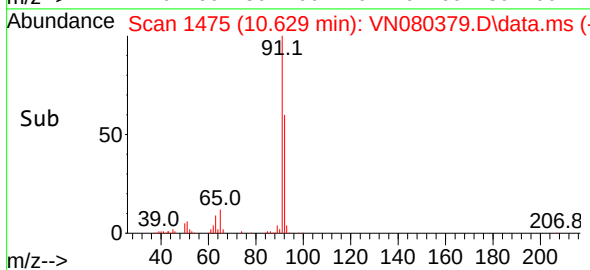
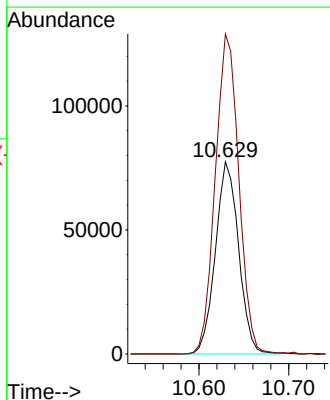
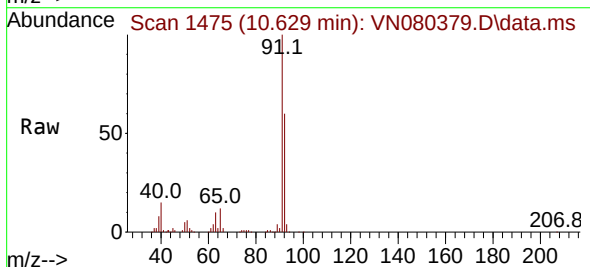
Manual Integrations
APPROVED

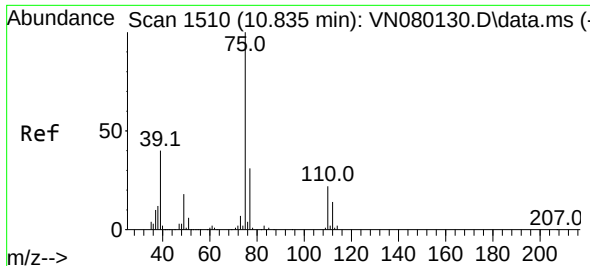
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#52
Toluene
Concen: 19.981 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

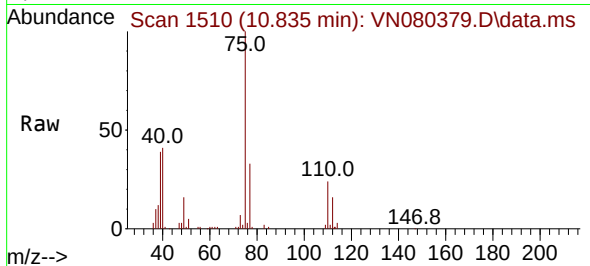
Tgt Ion: 92 Resp: 138926
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.193 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

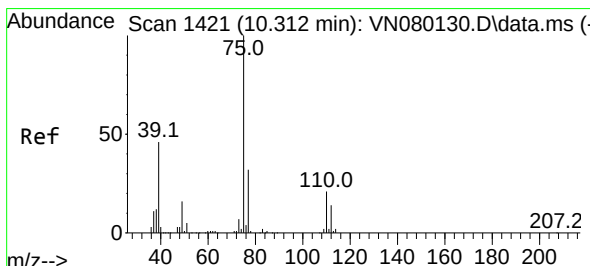
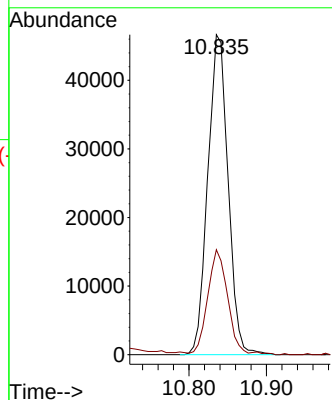
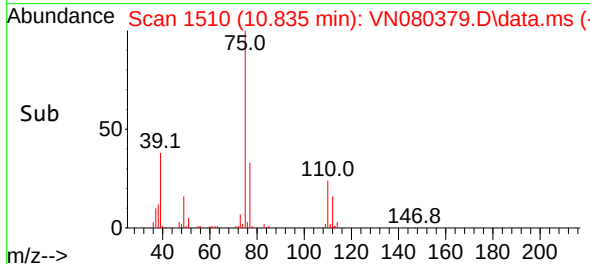
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



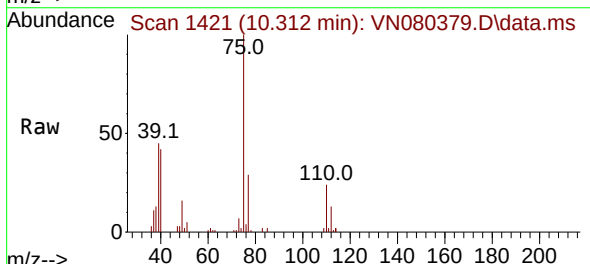
Tgt Ion: 75 Resp: 84770
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

Manual Integrations
APPROVED

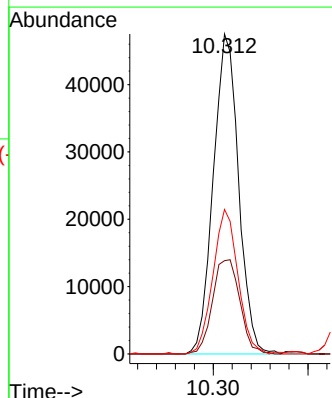
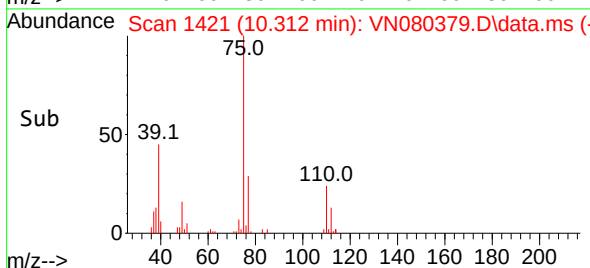
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

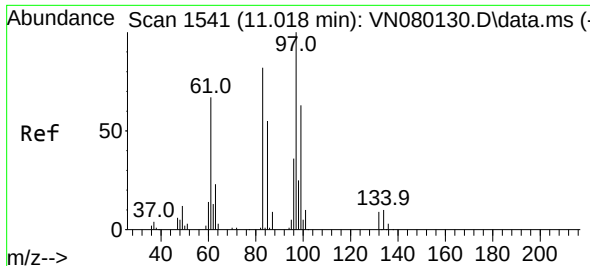


#54
cis-1,3-Dichloropropene
Concen: 19.483 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



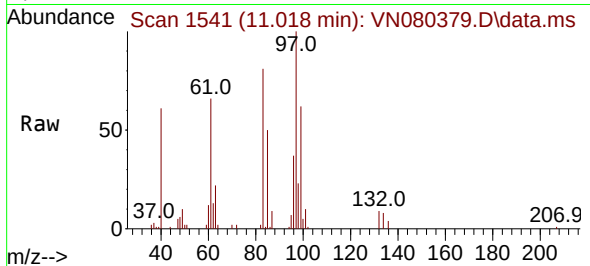
Tgt Ion: 75 Resp: 87920
Ion Ratio Lower Upper
75 100
77 29.1 26.1 39.1
39 45.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.046 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

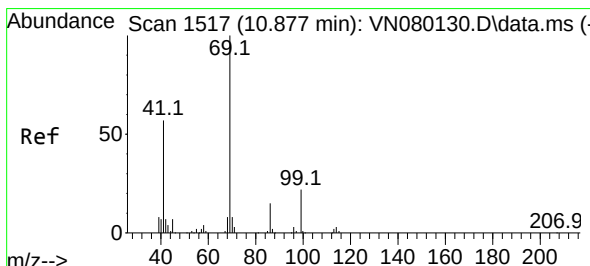
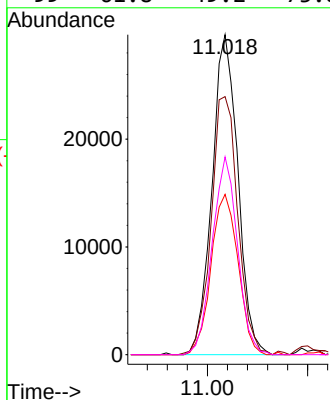
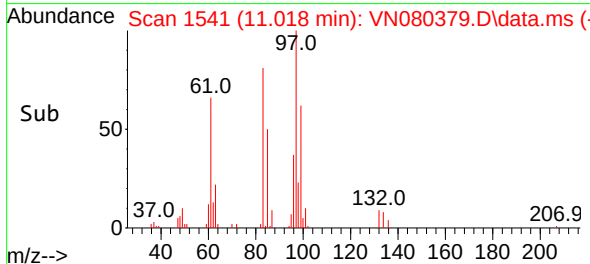
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



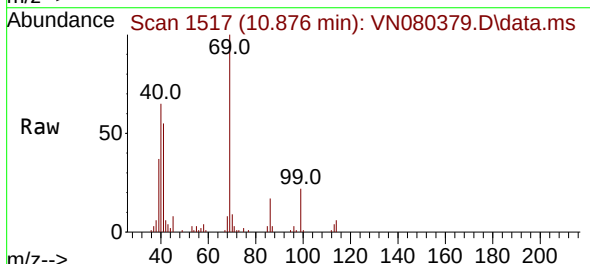
Tgt Ion:	97	Resp:	53190
Ion Ratio	100	Lower	Upper
97	100		
83	80.6	65.1	97.7
85	50.1	43.4	65.2
99	61.8	49.2	73.8

Manual Integrations
APPROVED

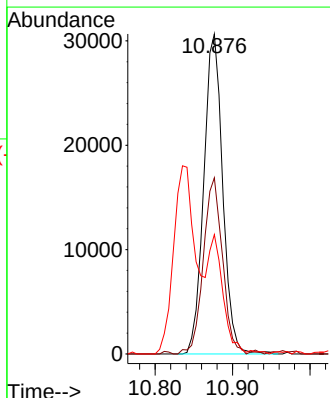
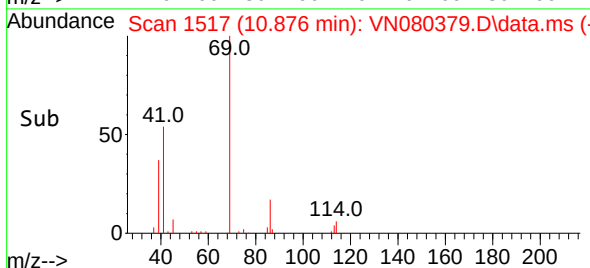
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

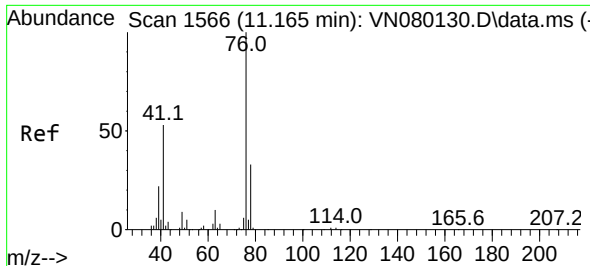


#56
Ethyl methacrylate
Concen: 19.165 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion:	69	Resp:	51955
Ion Ratio	100	Lower	Upper
69	100		
41	55.6	39.6	59.4
39	28.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.616 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tgt Ion: 76 Resp: 9088

Ion Ratio Lower Upper

76 100

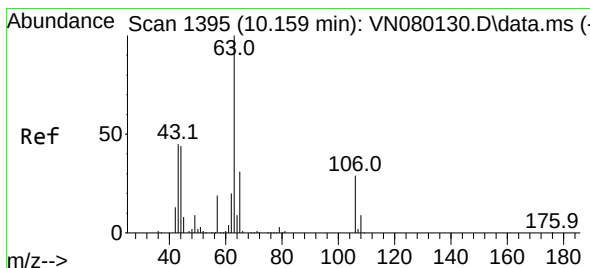
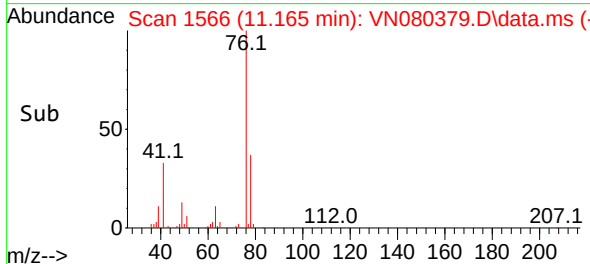
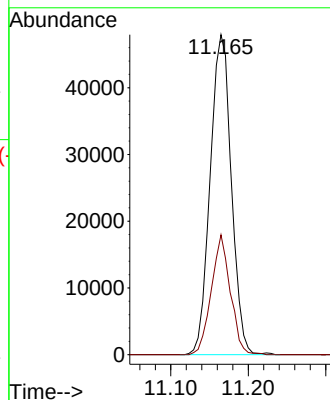
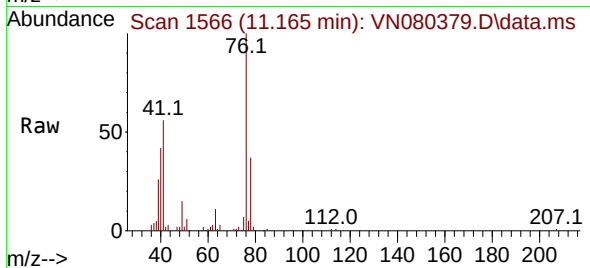
78 33.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.909 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080379.D

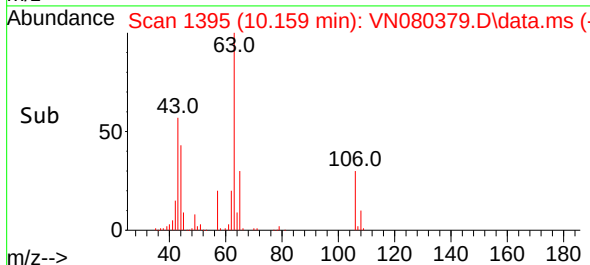
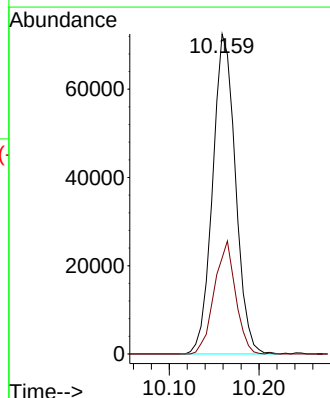
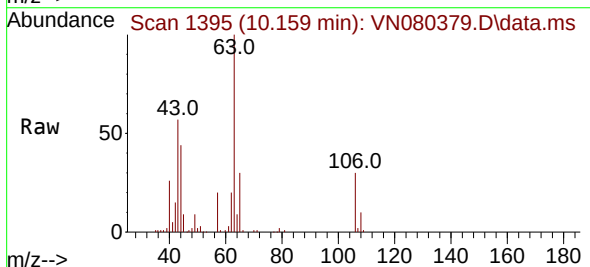
Acq: 06 Dec 2023 12:14

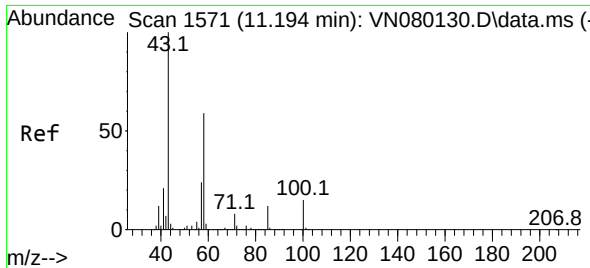
Tgt Ion: 63 Resp: 128153

Ion Ratio Lower Upper

63 100

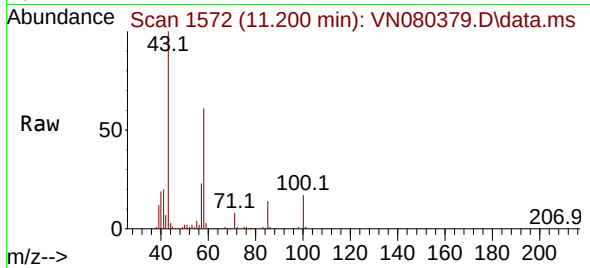
106 32.9 26.2 39.4





#59
2-Hexanone
Concen: 80.972 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

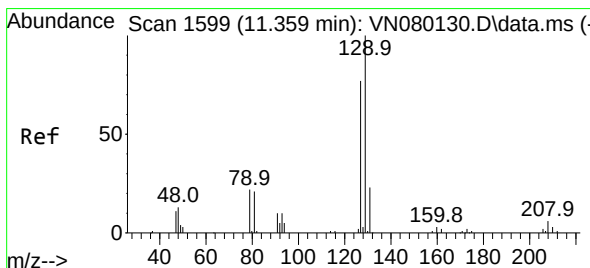
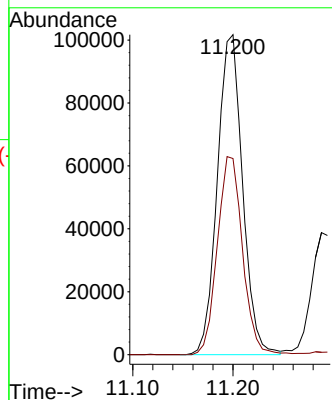
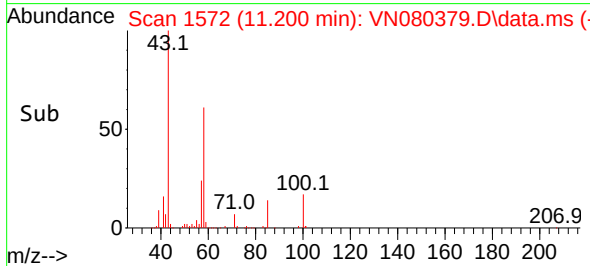
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 43 Resp: 17774
Ion Ratio Lower Upper
43 100
58 61.9 31.7 95.1

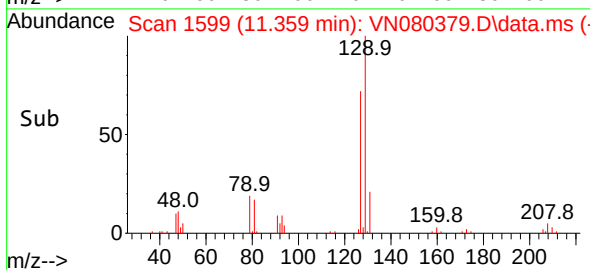
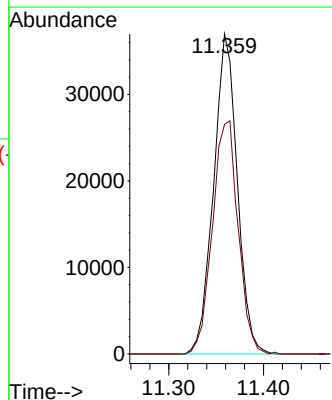
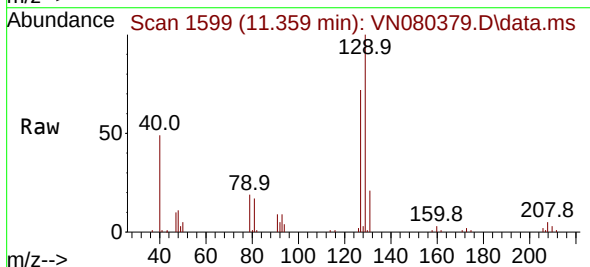
Manual Integrations
APPROVED

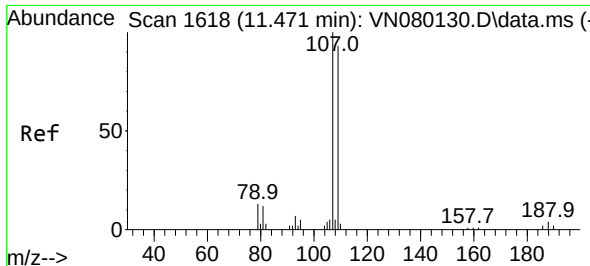
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#60
Dibromochloromethane
Concen: 20.295 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion:129 Resp: 64478
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





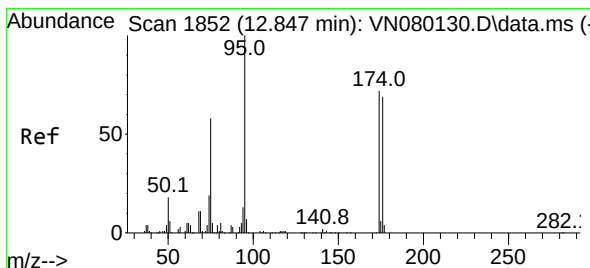
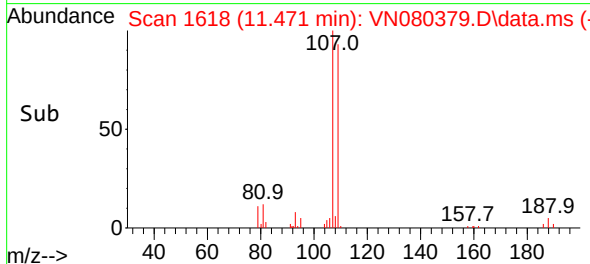
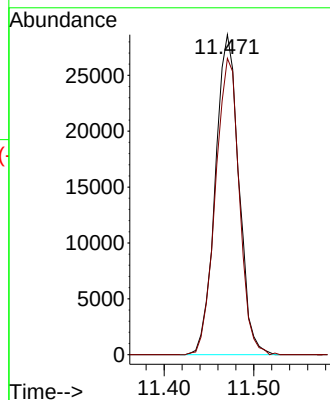
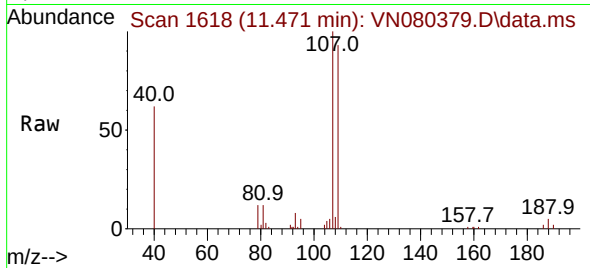
#61
1,2-Dibromoethane
Concen: 19.296 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion:107 Resp: 52238
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

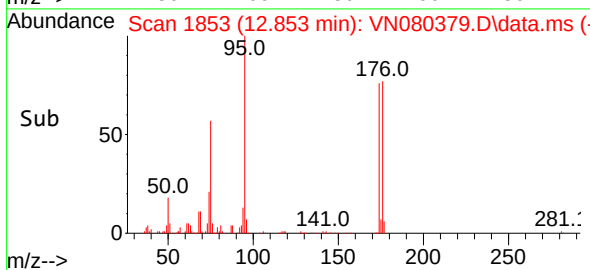
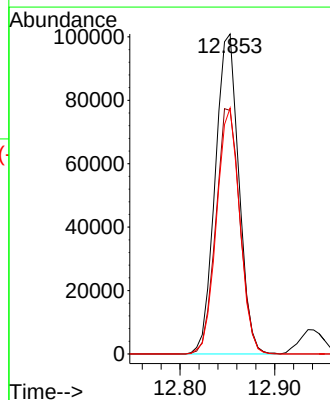
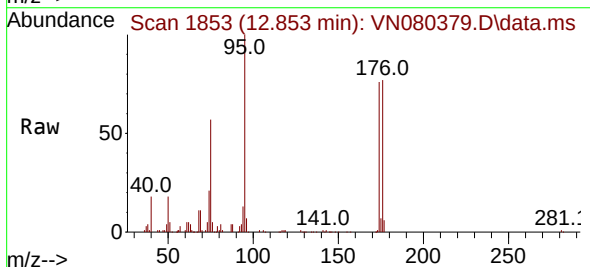
Manual Integrations
APPROVED

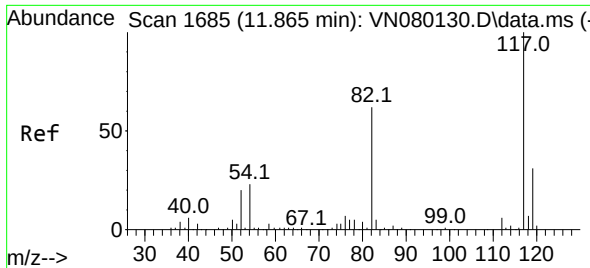
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

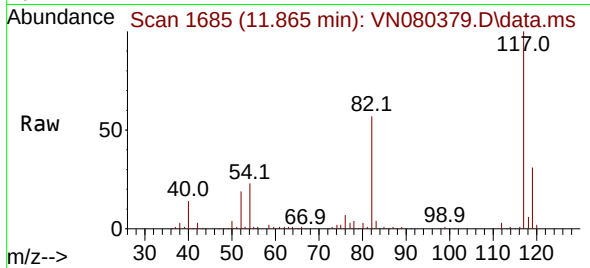
Tgt Ion: 95 Resp: 175100
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 75.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

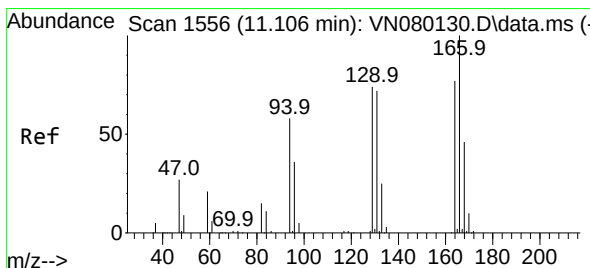
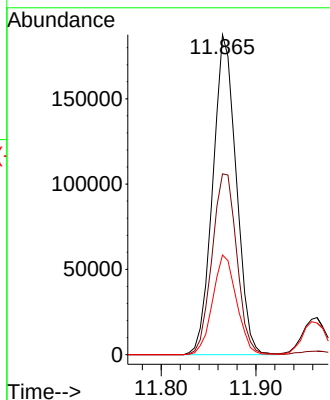
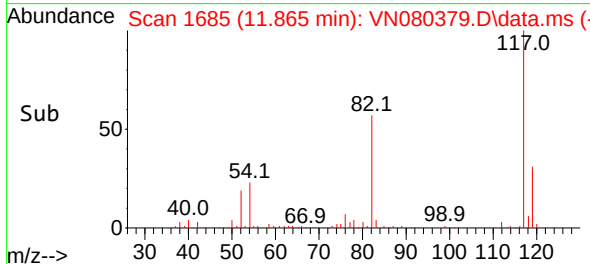
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion:117 Resp: 32303
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.2 25.6 38.4

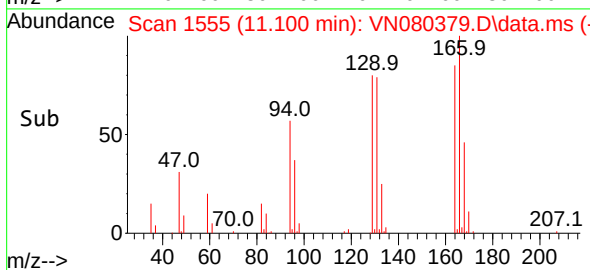
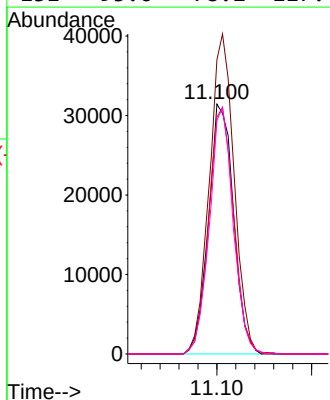
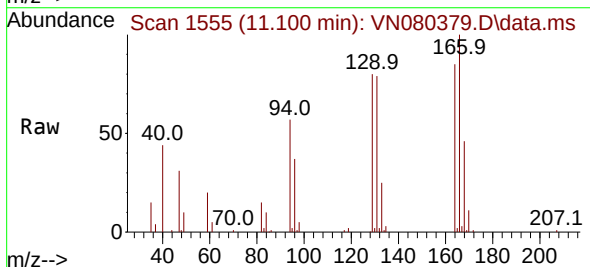
Manual Integrations
APPROVED

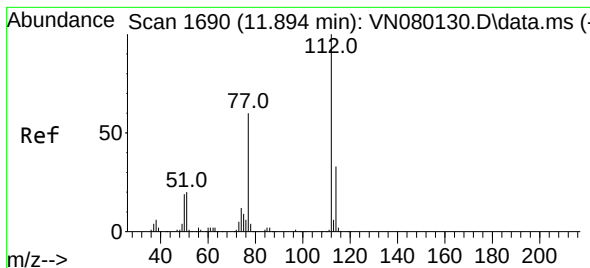
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#64
Tetrachloroethene
Concen: 23.393 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

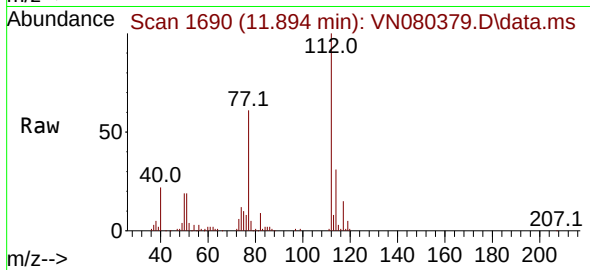
Tgt Ion:164 Resp: 57672
Ion Ratio Lower Upper
164 100
166 117.8 101.4 152.0
129 94.7 82.4 123.6
131 93.6 78.2 117.4





#65
Chlorobenzene
Concen: 20.005 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

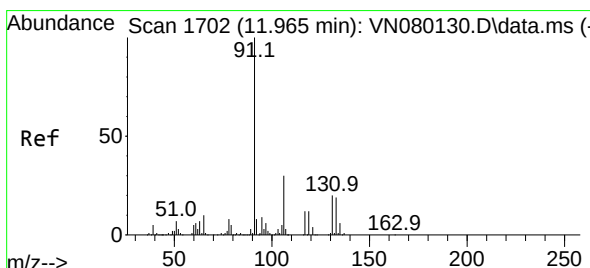
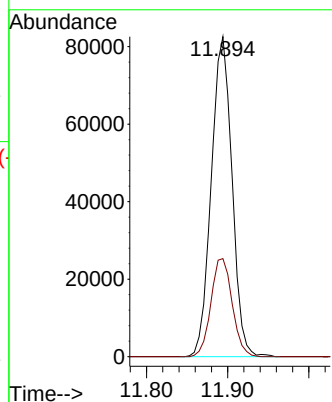
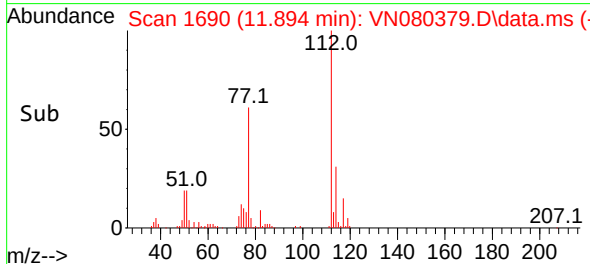
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion:112 Resp: 146430
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

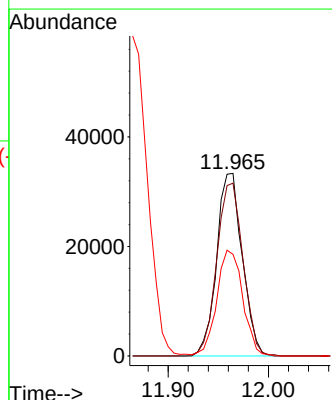
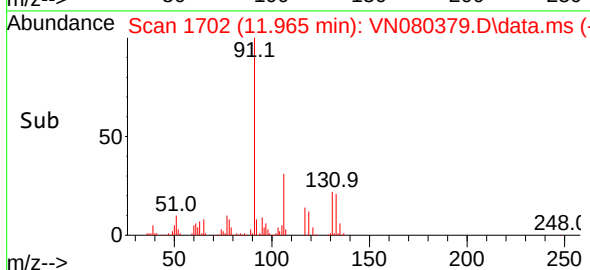
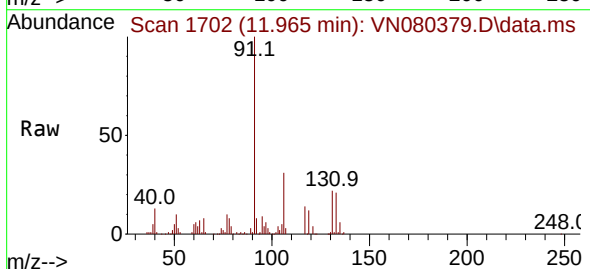
Manual Integrations
APPROVED

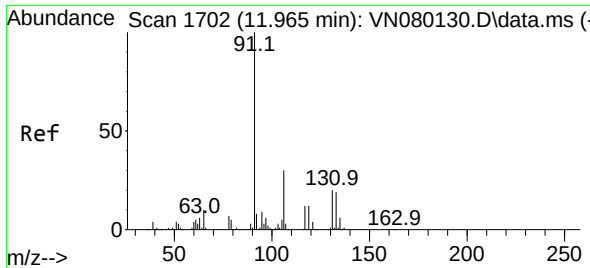
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.801 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

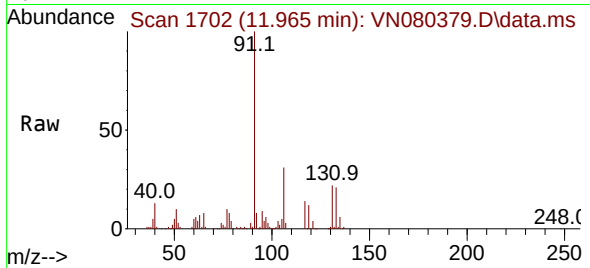
Tgt Ion:131 Resp: 59085
Ion Ratio Lower Upper
131 100
133 97.1 46.4 139.1
119 58.8 34.1 102.2





#67
Ethyl Benzene
Concen: 19.482 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

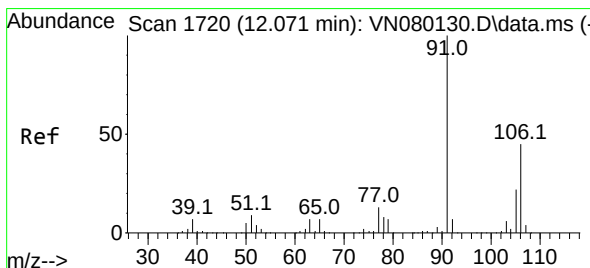
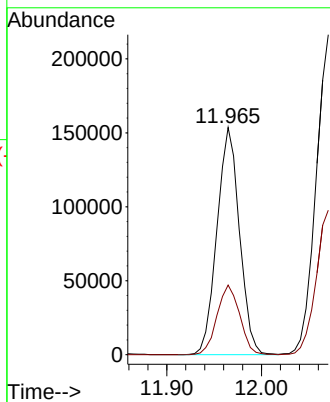
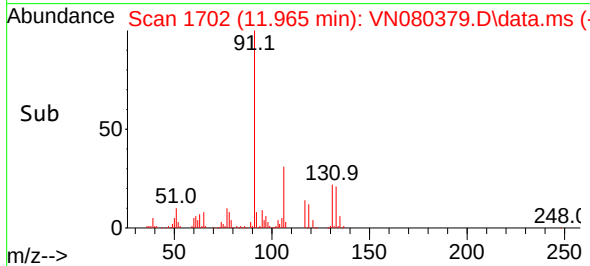
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion: 91 Resp: 25375
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

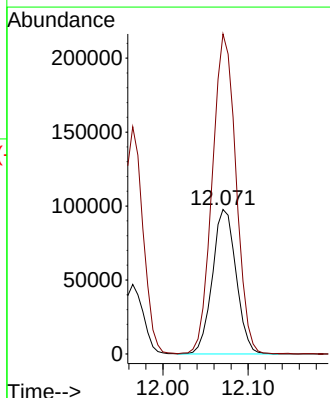
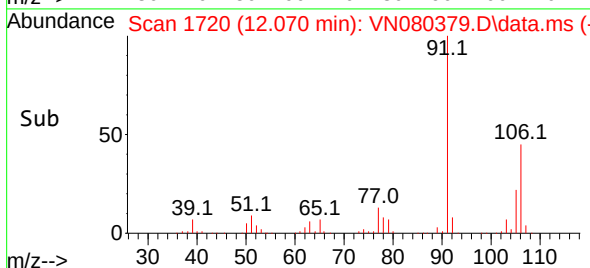
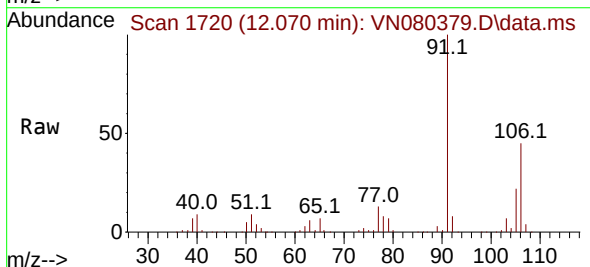
Manual Integrations
APPROVED

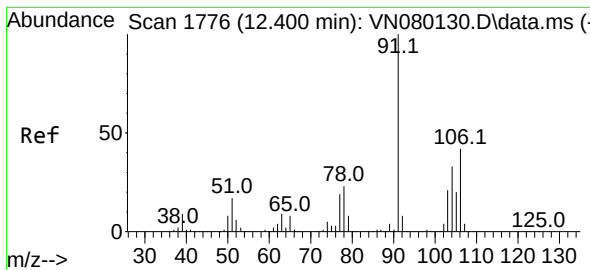
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#68
m/p-Xylenes
Concen: 39.823 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion:106 Resp: 189122
Ion Ratio Lower Upper
106 100
91 220.6 159.6 239.4





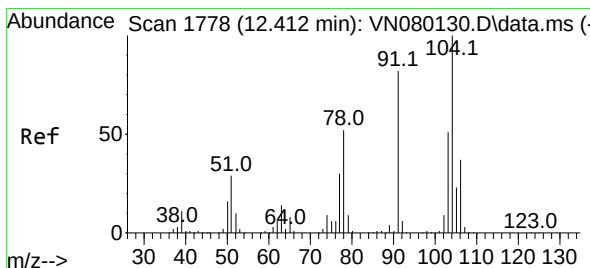
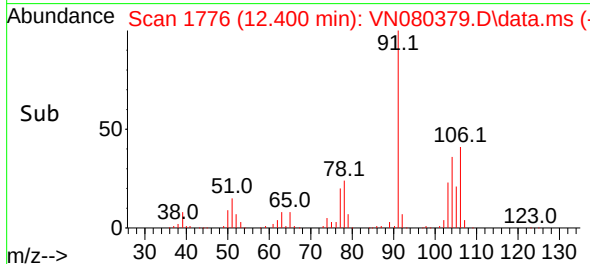
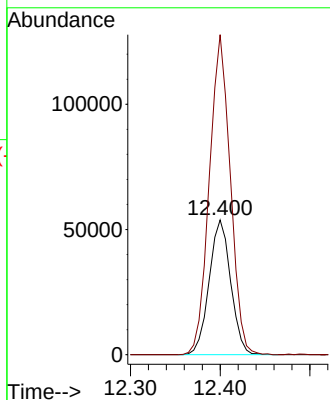
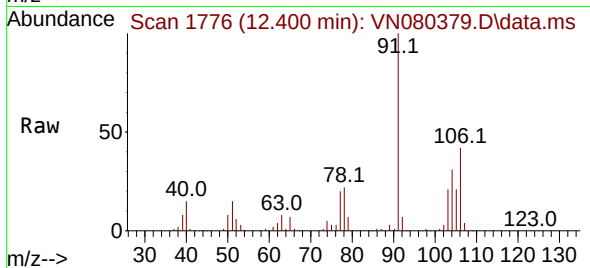
#69
o-Xylene
Concen: 20.046 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion:106 Resp: 89720
Ion Ratio Lower Upper
106 100
91 231.5 105.2 315.5

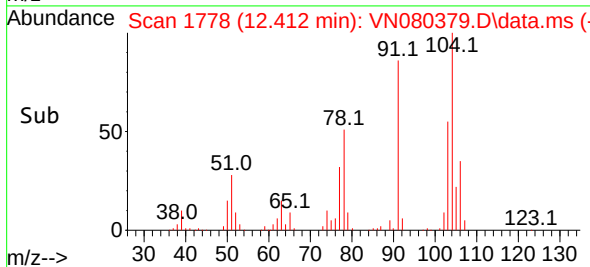
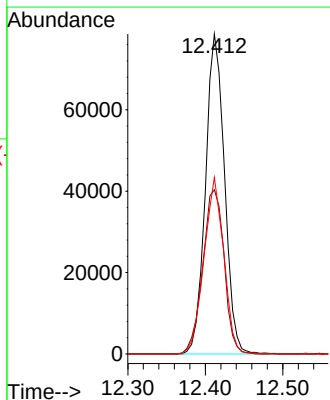
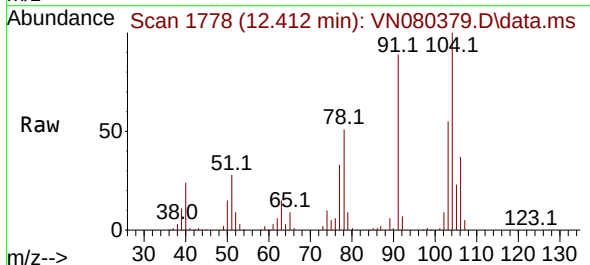
Manual Integrations
APPROVED

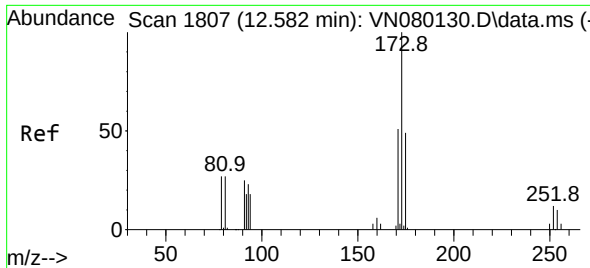
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#70
Styrene
Concen: 20.153 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

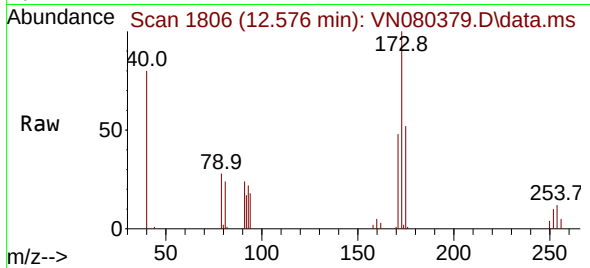
Tgt Ion:104 Resp: 134251
Ion Ratio Lower Upper
104 100
78 57.6 39.5 59.3
103 57.4 43.2 64.8





#71
Bromoform
Concen: 20.571 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

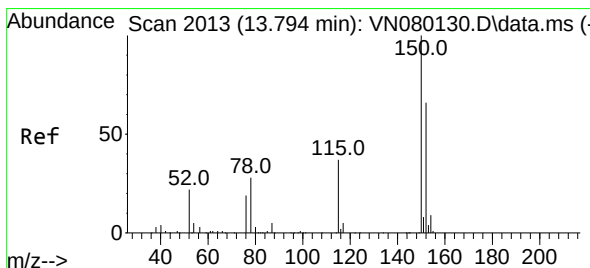
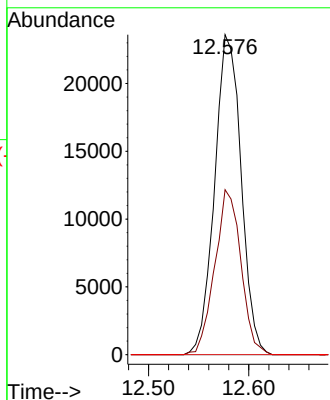
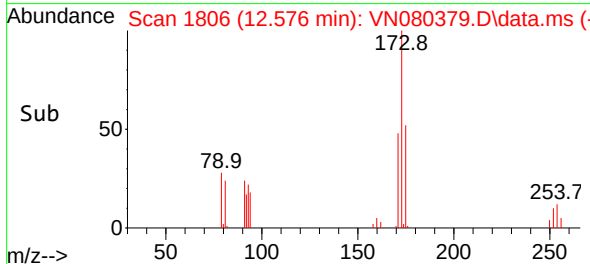
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



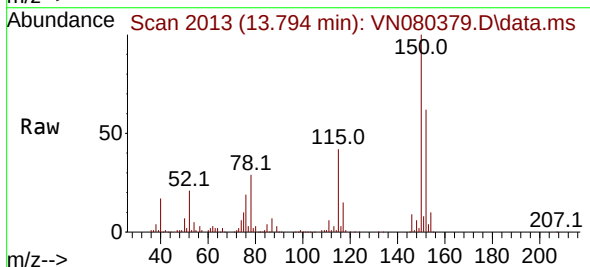
Tgt Ion:173 Resp: 4333
Ion Ratio Lower Upper
173 100
175 50.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

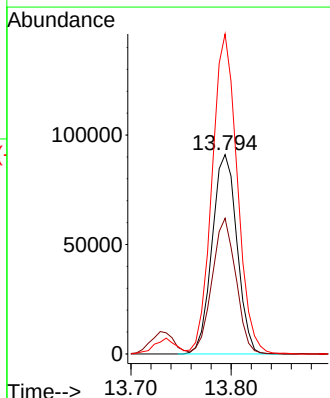
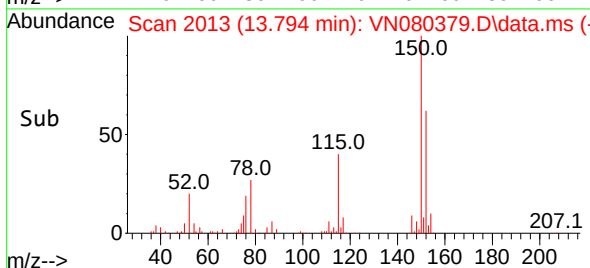
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

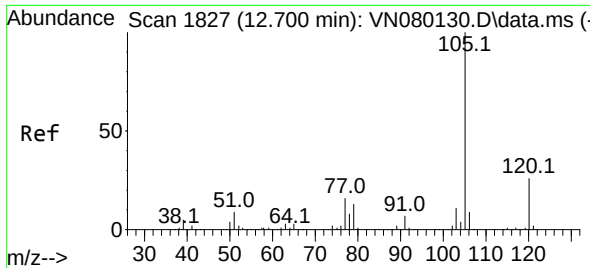


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



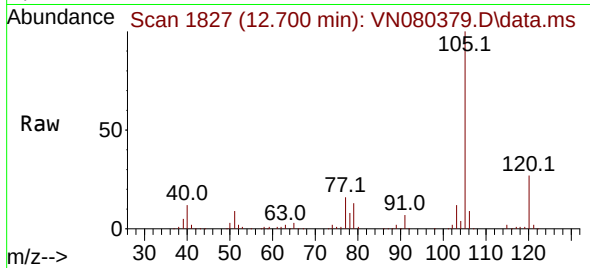
Tgt Ion:152 Resp: 156754
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 163.2 0.0 355.8





#73
Isopropylbenzene
Concen: 19.785 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

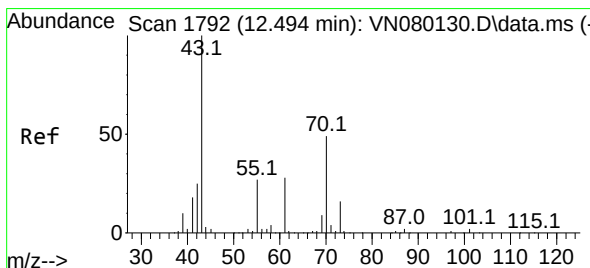
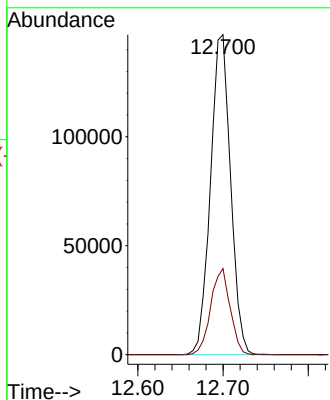
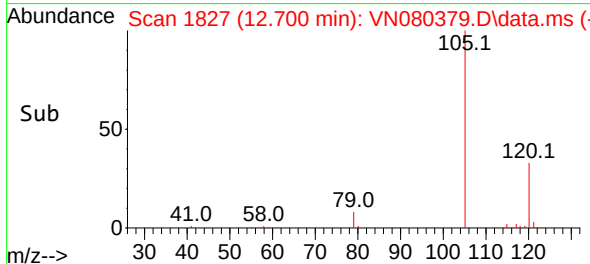
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



Tgt Ion:105 Resp: 240998
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

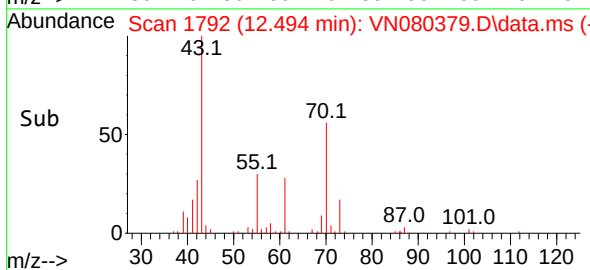
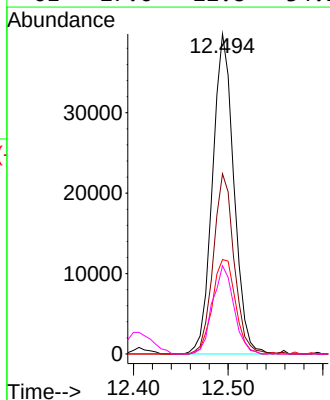
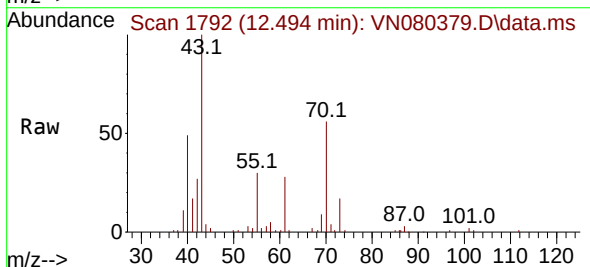
Manual Integrations
APPROVED

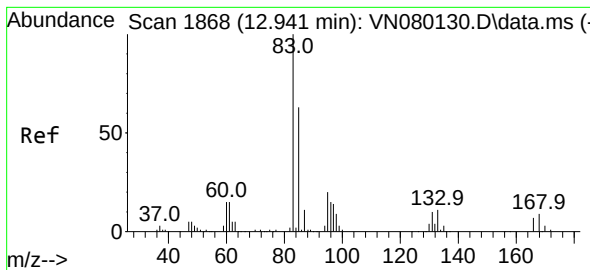
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#74
N-ethyl acetate
Concen: 16.420 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 43 Resp: 62374
Ion Ratio Lower Upper
43 100
70 54.7 43.4 65.2
55 31.7 21.4 32.0
61 27.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.572 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

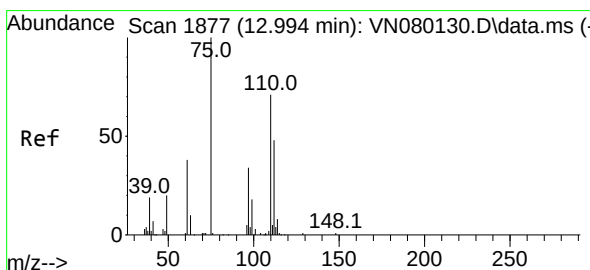
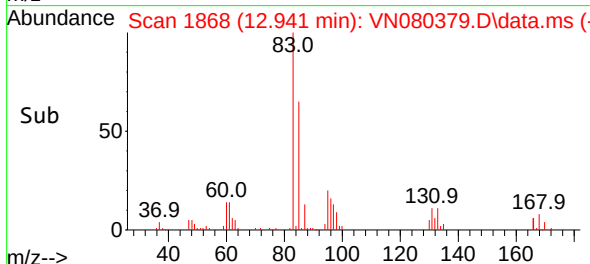
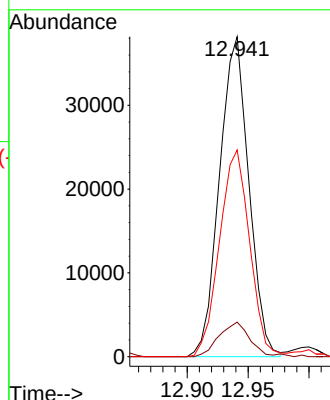
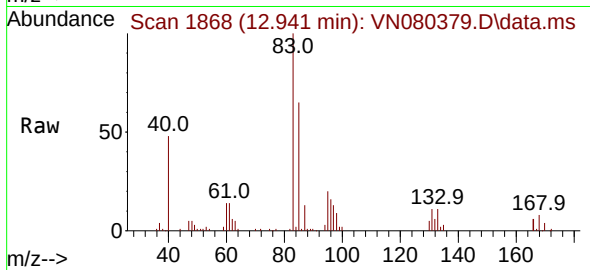
Tgt Ion:	83	Resp:	64062
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.0	15.0
85	66.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#76

1,2,3-Trichloropropane

Concen: 17.035 ug/l m

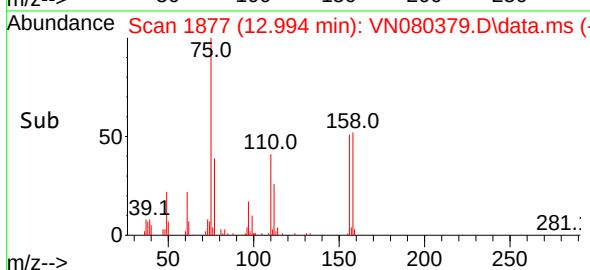
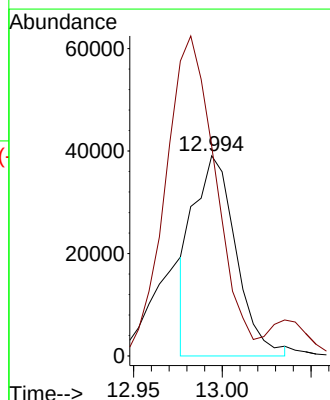
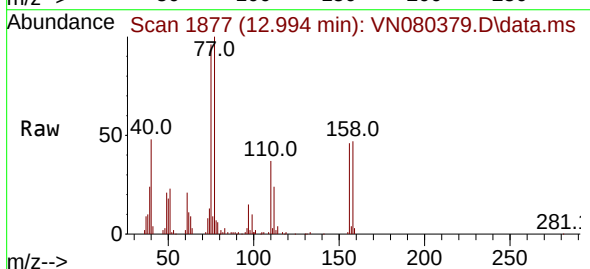
RT: 12.994 min Scan# 1877

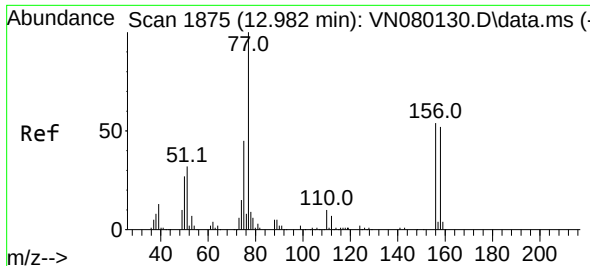
Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Tgt Ion:	75	Resp:	65426
Ion Ratio	Lower	Upper	
75	100		
77	188.1	84.5	253.5





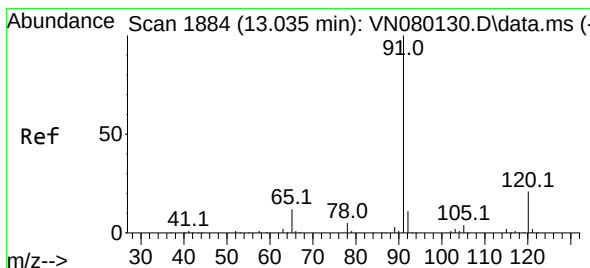
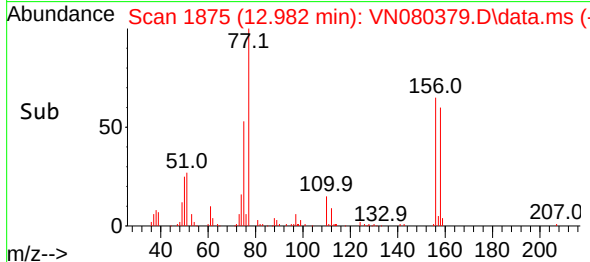
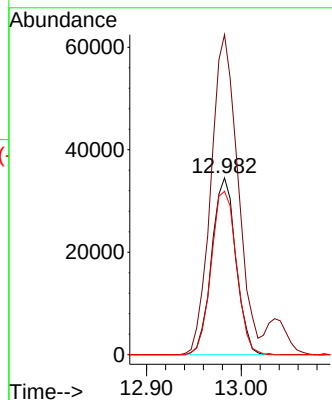
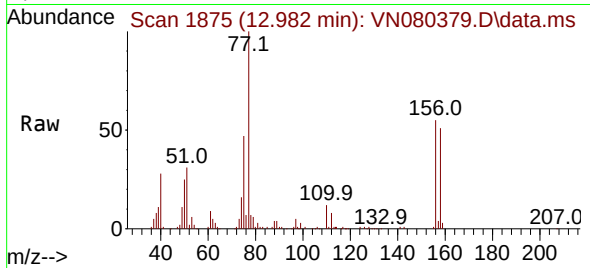
#77
Bromobenzene
Concen: 19.891 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion:156 Resp: 6108
Ion Ratio Lower Upper
156 100
77 201.4 107.7 323.3
158 96.4 48.4 145.3

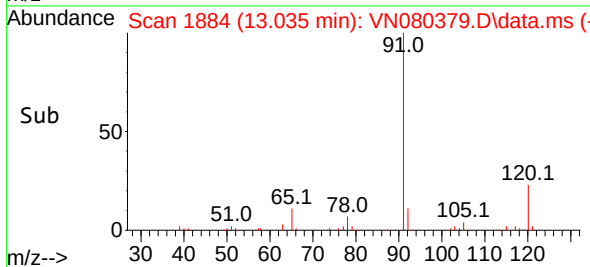
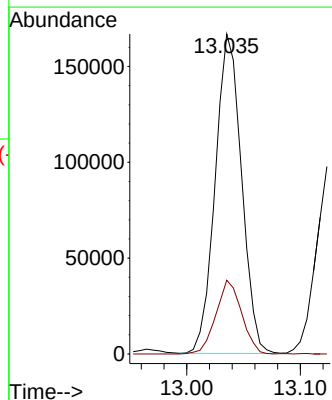
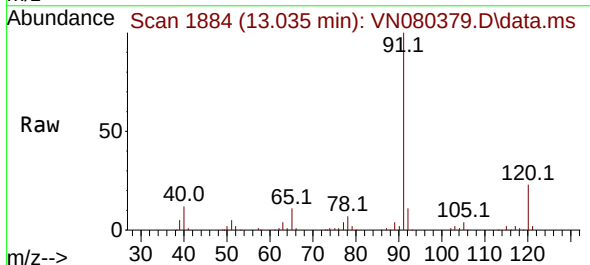
Manual Integrations
APPROVED

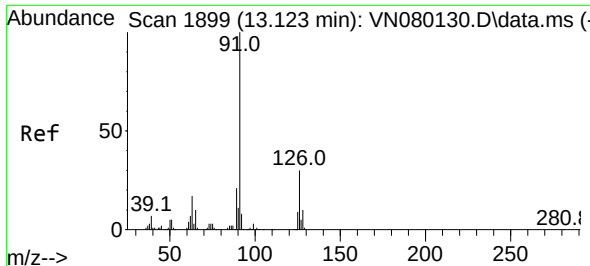
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#78
n-propylbenzene
Concen: 19.685 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

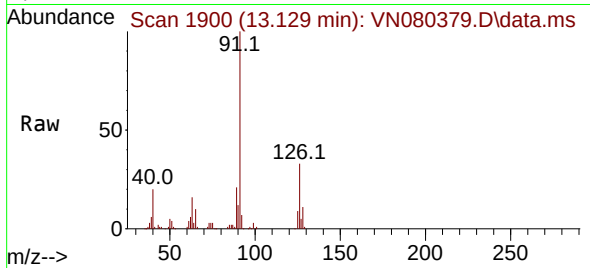
Tgt Ion: 91 Resp: 268132
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.435 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

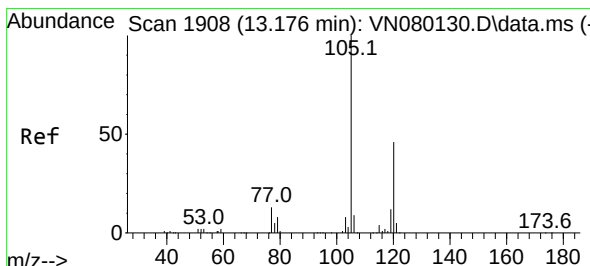
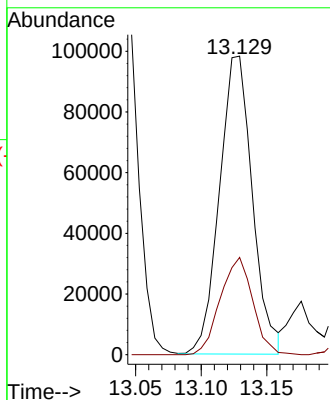
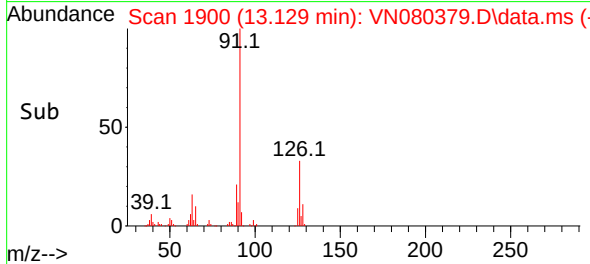
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



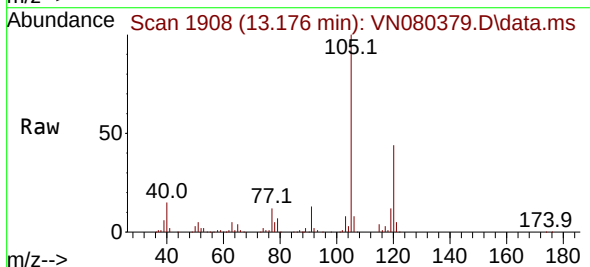
Tgt Ion: 91 Resp: 171940
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

Manual Integrations
APPROVED

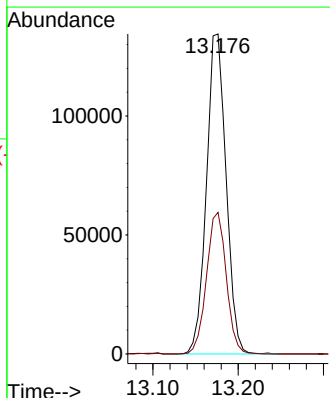
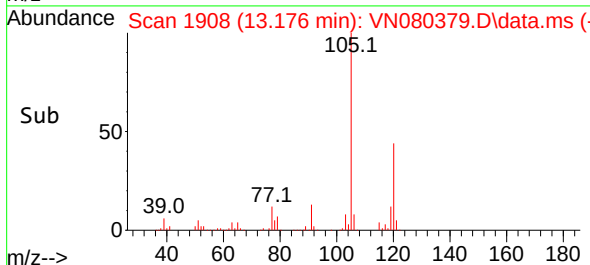
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

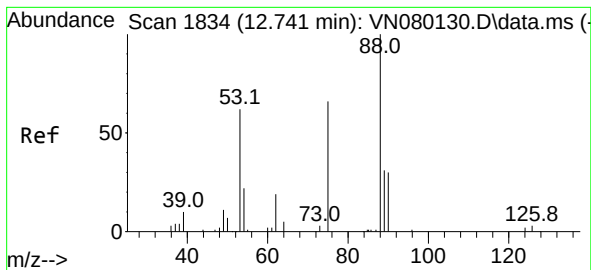


#80
1,3,5-Trimethylbenzene
Concen: 20.294 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion:105 Resp: 215192
Ion Ratio Lower Upper
105 100
120 44.6 24.1 72.3





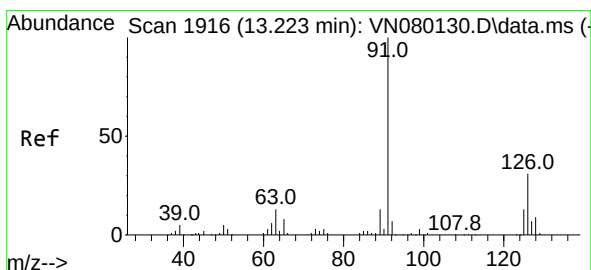
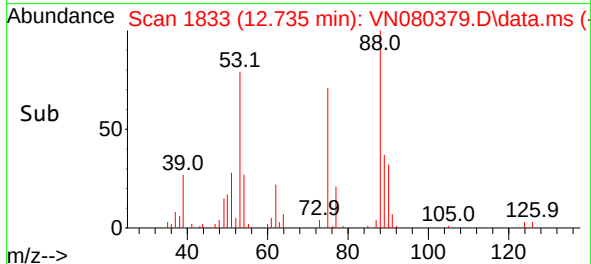
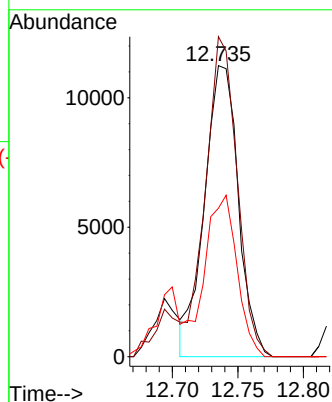
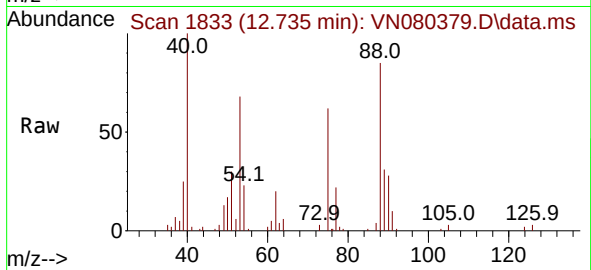
#81
trans-1,4-Dichloro-2-butene
Concen: 17.746 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion: 75 Resp: 20174
Ion Ratio Lower Upper
75 100
53 100.7 67.4 101.2
89 48.9 38.8 58.2

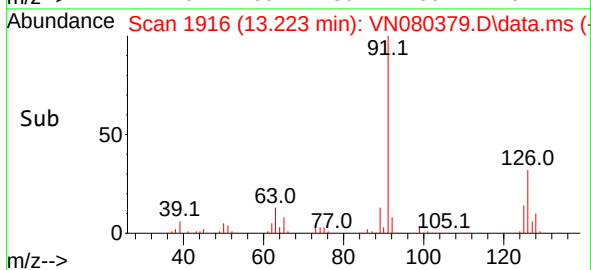
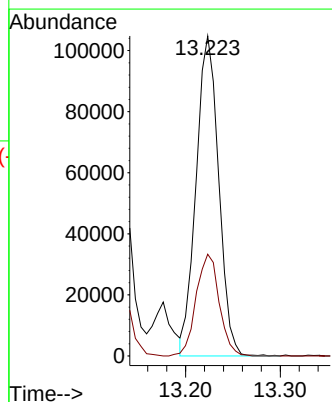
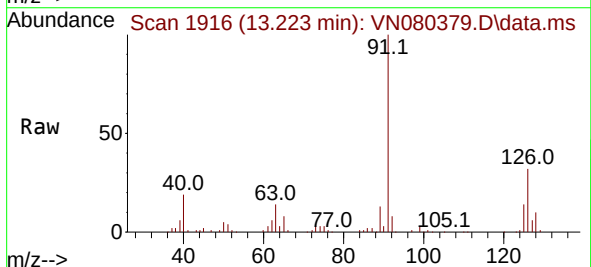
Manual Integrations
APPROVED

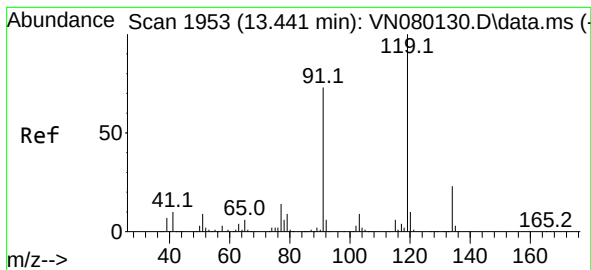
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#82
4-Chlorotoluene
Concen: 19.152 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion: 91 Resp: 173574
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





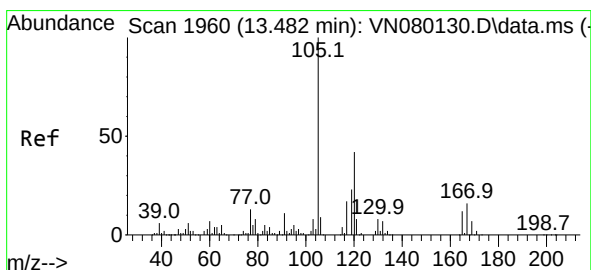
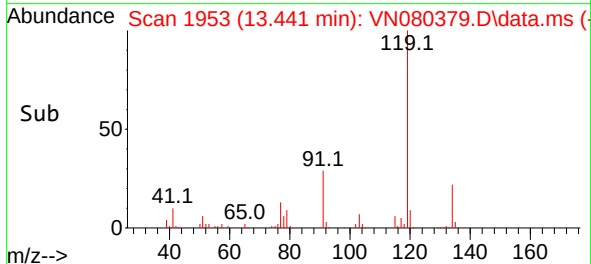
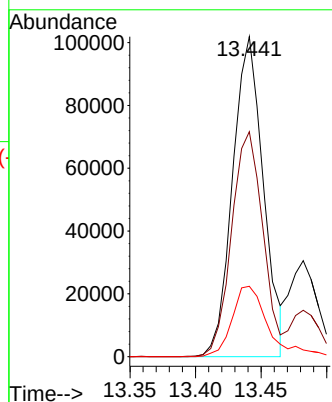
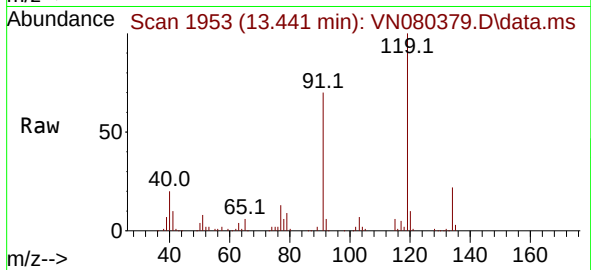
#83
tert-Butylbenzene
Concen: 19.539 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion:119 Resp: 16614
Ion Ratio Lower Upper
119 100
91 71.7 33.9 101.7
134 25.8 13.2 39.6

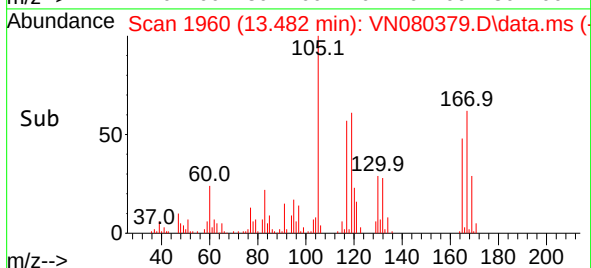
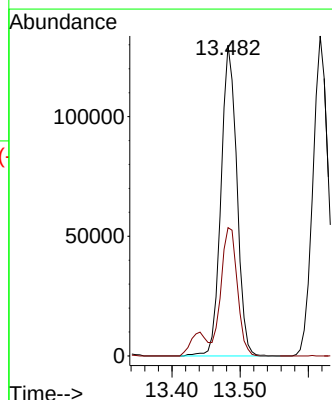
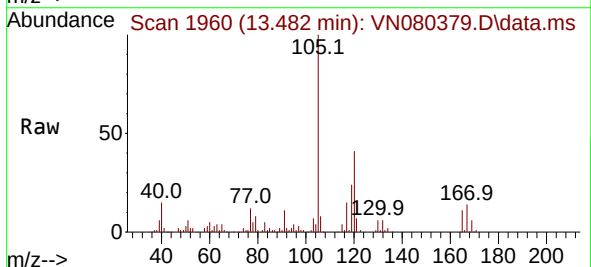
Manual Integrations
APPROVED

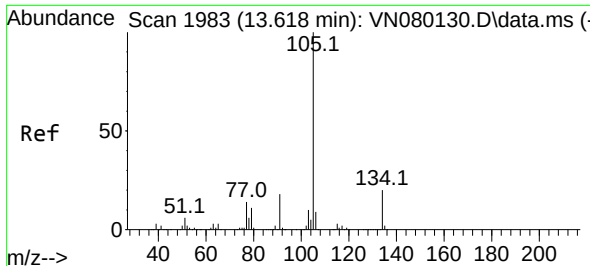
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.114 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Tgt Ion:105 Resp: 210011
Ion Ratio Lower Upper
105 100
120 42.0 22.0 66.0





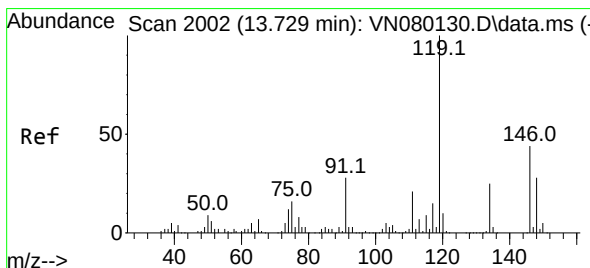
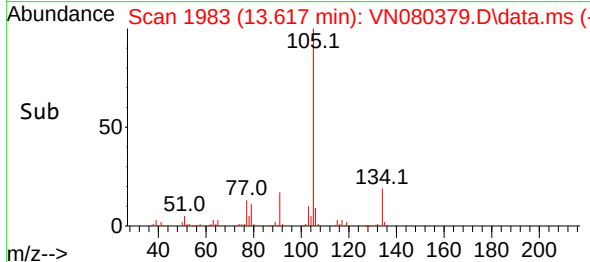
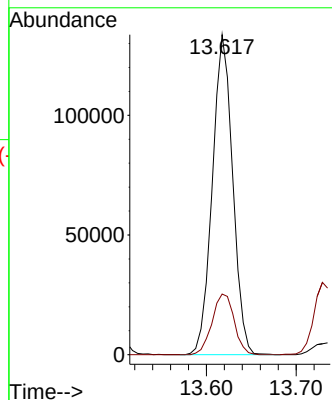
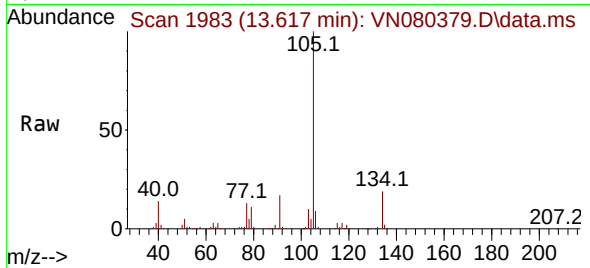
#85
 sec-Butylbenzene
 Concen: 19.563 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Tgt Ion:105 Resp: 210439
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3

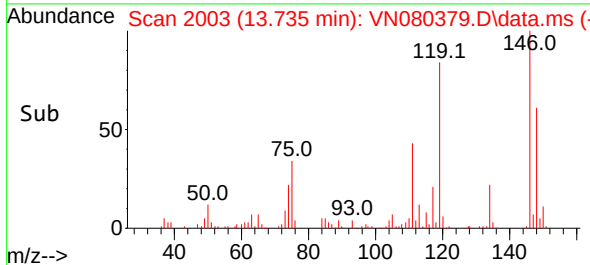
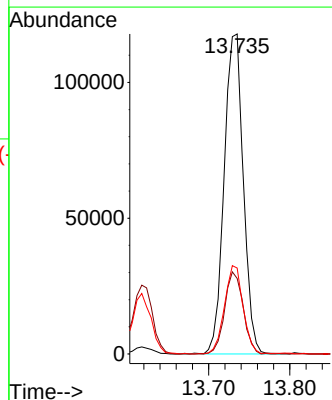
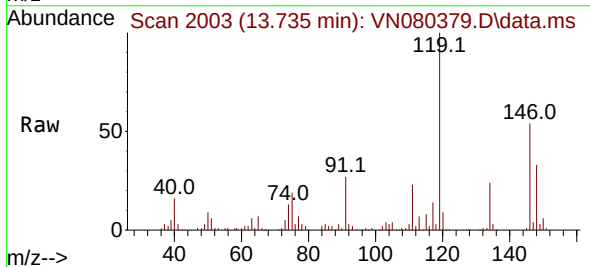
Manual Integrations
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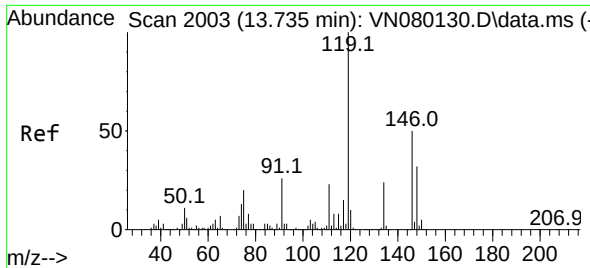
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#86
 p-Isopropyltoluene
 Concen: 20.152 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080379.D
 Acq: 06 Dec 2023 12:14

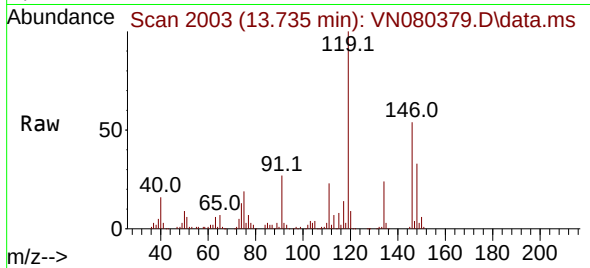
Tgt Ion:119 Resp: 193640
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.783 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

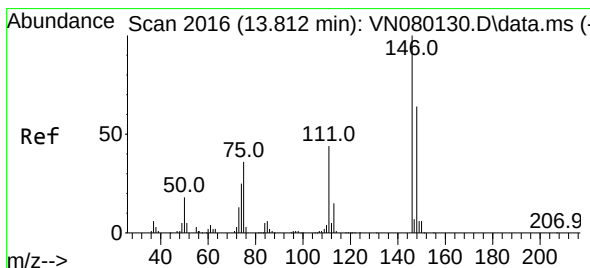
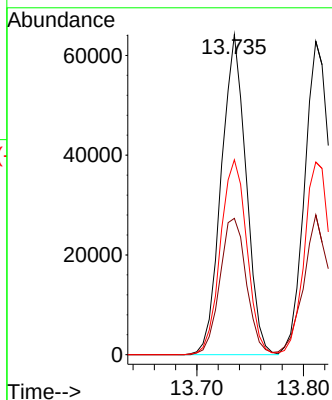
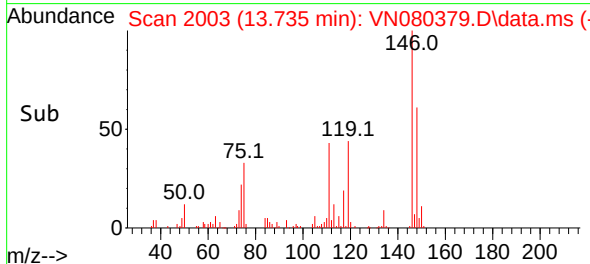
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



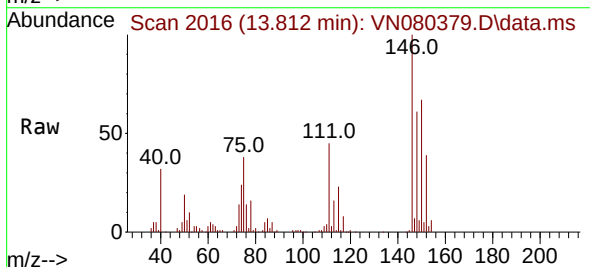
Tgt Ion:146 Resp: 103925
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.3
148 64.7 32.0 96.0

Manual Integrations
APPROVED

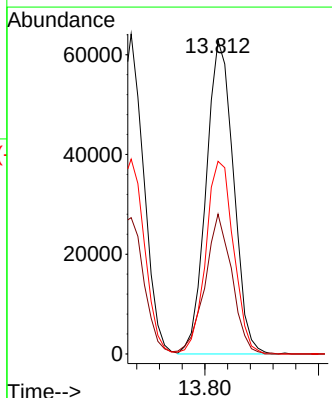
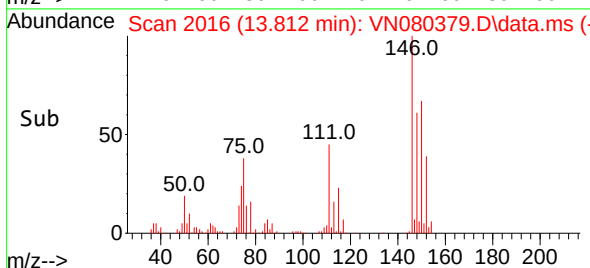
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

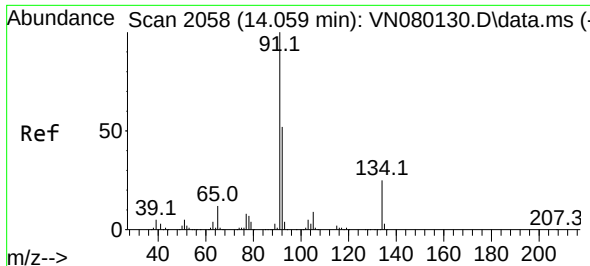


#88
1,4-Dichlorobenzene
Concen: 18.925 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion:146 Resp: 105232
Ion Ratio Lower Upper
146 100
111 43.9 20.6 61.8
148 62.5 31.6 94.8





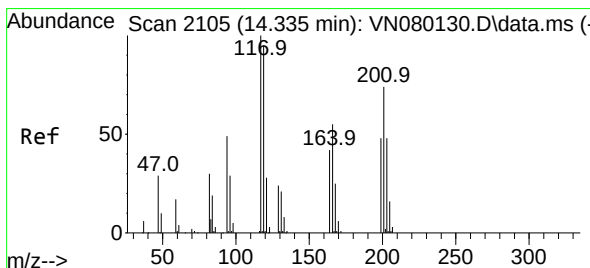
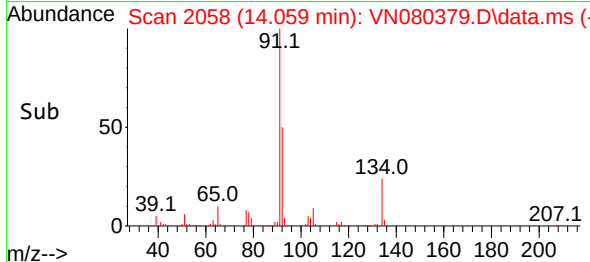
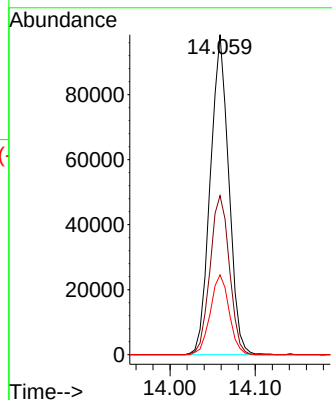
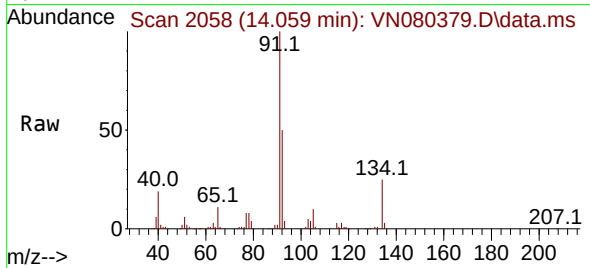
#89
n-Butylbenzene
Concen: 18.373 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01

Tgt Ion: 91 Resp: 147772
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.4 12.6 37.6

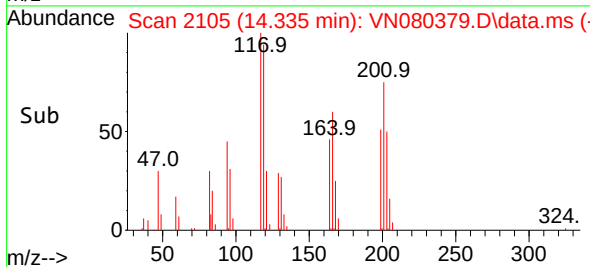
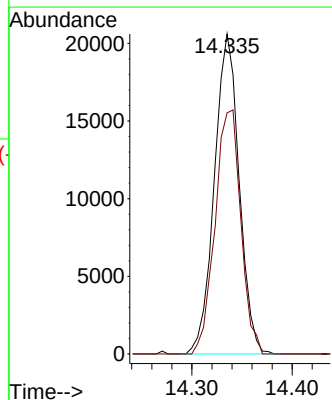
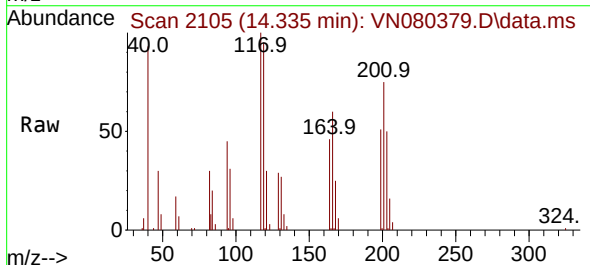
Manual Integrations
APPROVED

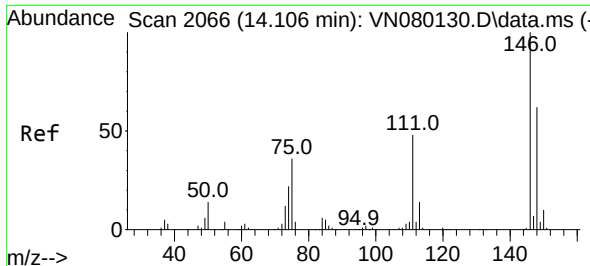
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#90
Hexachloroethane
Concen: 18.843 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

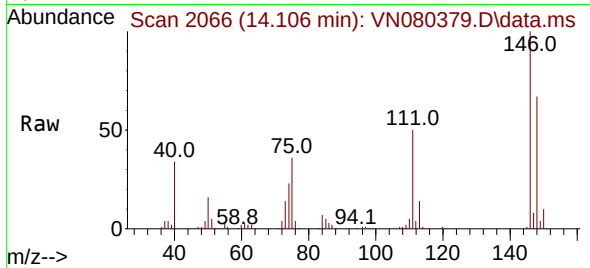
Tgt Ion:117 Resp: 35298
Ion Ratio Lower Upper
117 100
201 79.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.837 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14

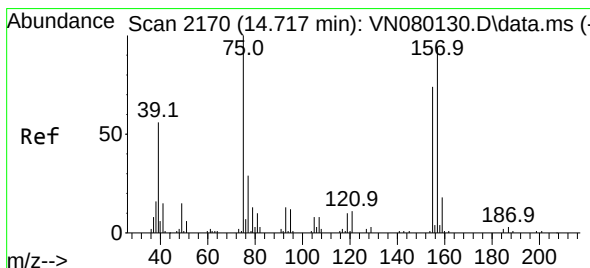
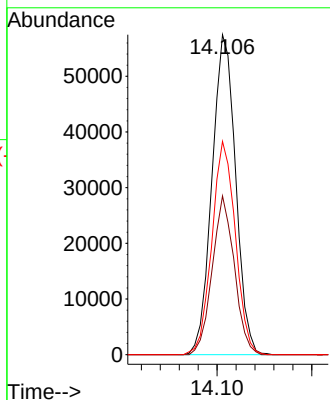
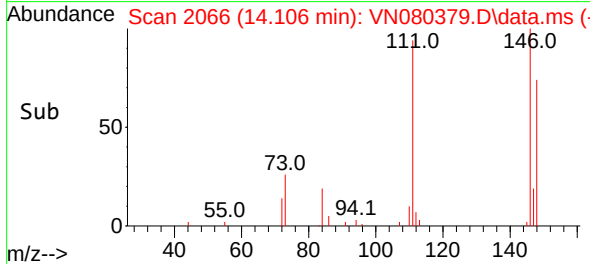
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBS01



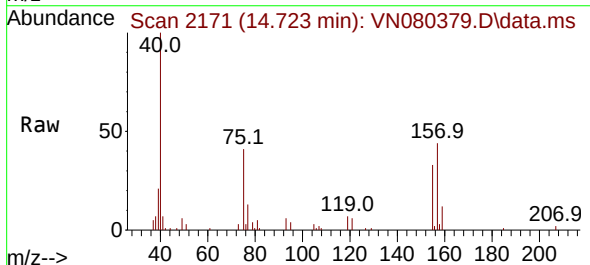
Tgt Ion:146 Resp: 99740
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 66.2 31.8 95.3

Manual Integrations
APPROVED

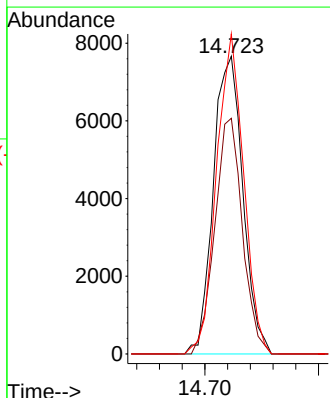
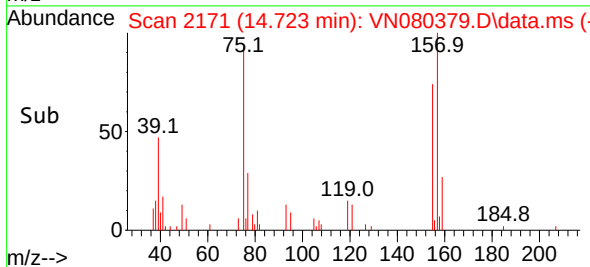
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

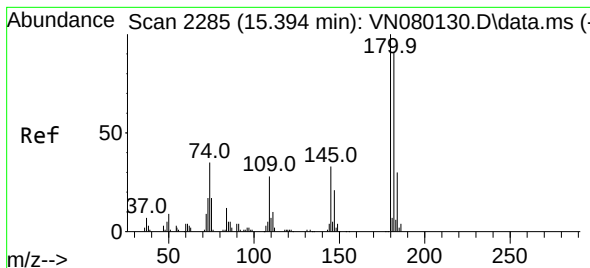


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.345 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080379.D
Acq: 06 Dec 2023 12:14



Tgt Ion: 75 Resp: 13841
Ion Ratio Lower Upper
75 100
155 74.0 39.1 117.2
157 98.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.643 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

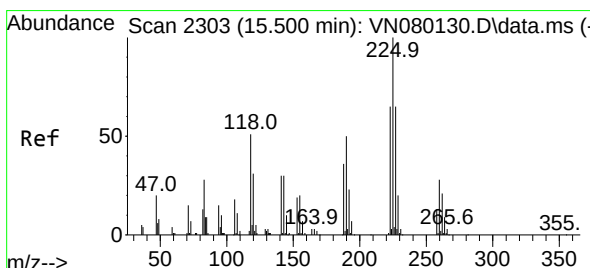
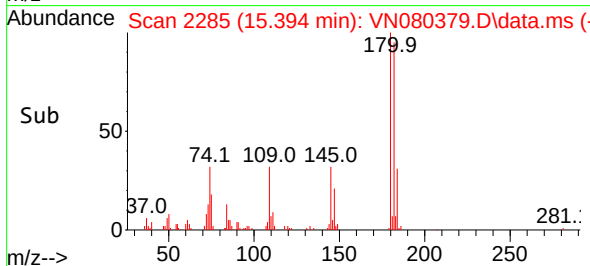
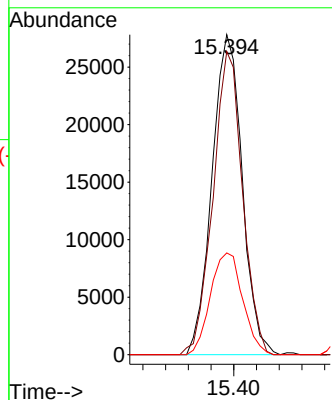
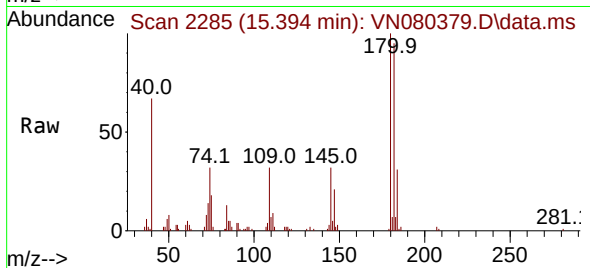
Tgt Ion:180	Resp:	5125
Ion Ratio	Lower	Upper
180	100	
182	92.6	46.1 138.2
145	34.0	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#94

Hexachlorobutadiene

Concen: 17.384 ug/l

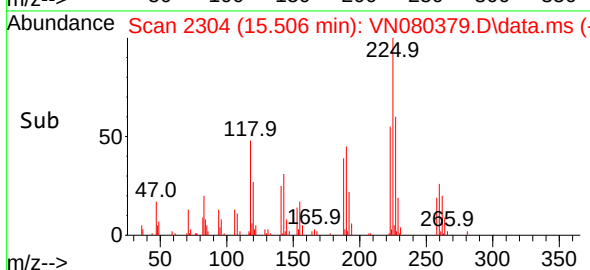
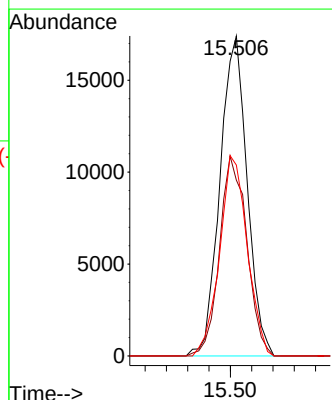
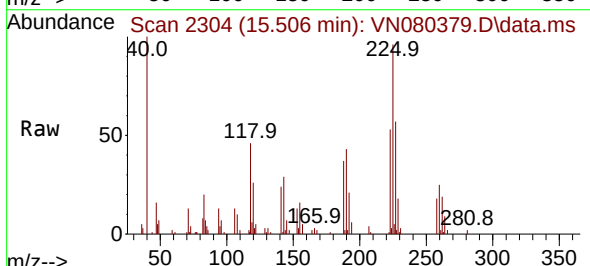
RT: 15.506 min Scan# 2304

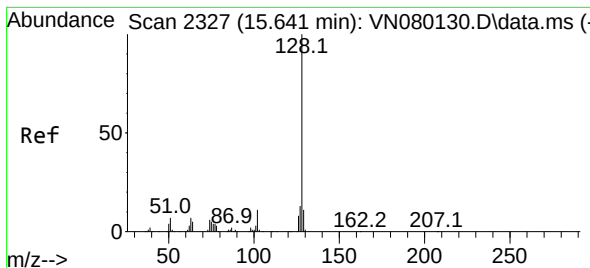
Delta R.T. 0.006 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Tgt Ion:225	Resp:	30808
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.3 93.8
227	63.5	31.9 95.9





#95

Naphthalene

Concen: 14.038 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBS01

Tgt Ion:128 Resp: 125360

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

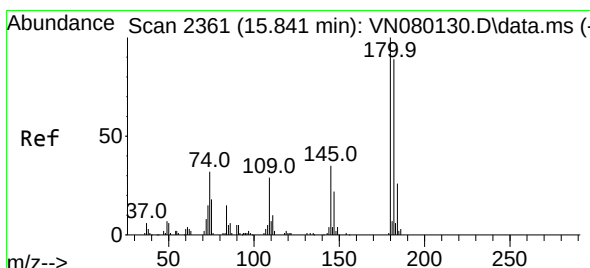
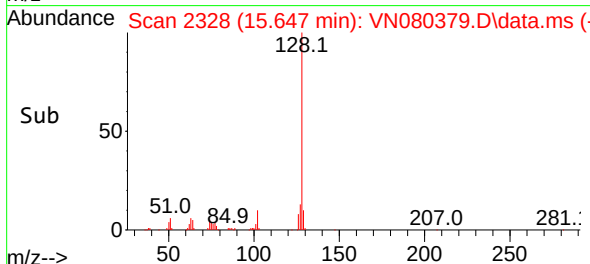
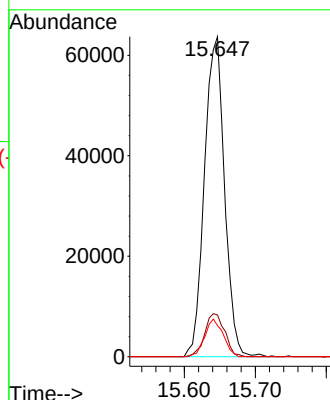
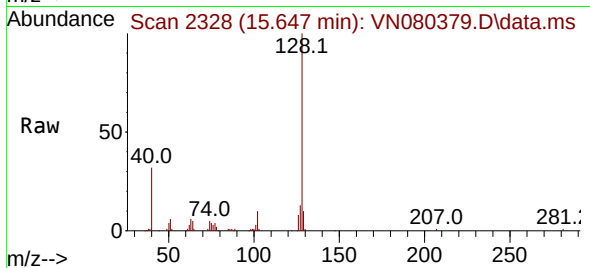
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.554 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080379.D

Acq: 06 Dec 2023 12:14

Tgt Ion:180 Resp: 47782

Ion Ratio Lower Upper

180 100

182 94.2 46.2 138.6

145 36.3 17.5 52.6

