

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079943.D
 Acq On : 07 Nov 2023 03:43
 Operator : JC\MD
 Sample : VN1106WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 04:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	288333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	464320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	269409	61.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.660%			
35) Dibromofluoromethane	8.171	113	206517	56.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.571	98	760248	56.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.560%#			
62) 4-Bromofluorobenzene	12.853	95	253061	56.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70004	20.156	ug/l	99
3) Chloromethane	2.359	50	92252	20.499	ug/l	97
4) Vinyl Chloride	2.512	62	104433	22.972	ug/l	100
5) Bromomethane	2.959	94	54868	19.864	ug/l	98
6) Chloroethane	3.124	64	60577	16.864	ug/l	97
7) Trichlorofluoromethane	3.500	101	122457	21.657	ug/l	99
8) Diethyl Ether	3.965	74	41870	19.513	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.365	101	66868	20.400	ug/l	98
10) Methyl Iodide	4.589	142	71565	19.119	ug/l	98
11) Tert butyl alcohol	5.524	59	54117	96.506	ug/l	97
12) 1,1-Dichloroethene	4.342	96	60687	19.554	ug/l #	81
13) Acrolein	4.183	56	35828	72.545	ug/l	97
14) Allyl chloride	5.024	41	93178	19.602	ug/l #	91
15) Acrylonitrile	5.718	53	189513	108.446	ug/l	99
16) Acetone	4.430	43	156124	101.180	ug/l	89
17) Carbon Disulfide	4.712	76	164713	18.399	ug/l	97
18) Methyl Acetate	5.030	43	170083	23.039	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	218184	20.419	ug/l	96
20) Methylene Chloride	5.277	84	82964	21.308	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	69619	20.113	ug/l #	85
22) Diisopropyl ether	6.677	45	246924	22.415	ug/l #	92
23) Vinyl Acetate	6.606	43	592318	97.479	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	148700	22.209	ug/l	98
25) 2-Butanone	7.488	43	238357	105.489	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	95258	17.203	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	83147	20.082	ug/l	87
28) Bromochloromethane	7.818	49	78519	24.064	ug/l #	77
29) Tetrahydrofuran	7.841	42	164006	111.562	ug/l #	74
30) Chloroform	7.971	83	156506	21.519	ug/l	94
31) Cyclohexane	8.259	56	113925	19.626	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	130168	21.966	ug/l	96
36) 1,1-Dichloropropene	8.377	75	104286	20.083	ug/l	95
37) Ethyl Acetate	7.565	43	104337	21.909	ug/l #	92
38) Carbon Tetrachloride	8.365	117	111248	21.258	ug/l	96
39) Methylcyclohexane	9.606	83	85698	17.537	ug/l #	82
40) Benzene	8.612	78	326987	21.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	57051	22.560	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	122370	22.525	ug/l	98
43) Isopropyl Acetate	8.694	43	179325	21.472	ug/l #	87
44) Trichloroethene	9.359	130	76919	19.931	ug/l	89
45) 1,2-Dichloropropane	9.624	63	88352	22.229	ug/l	99
46) Dibromomethane	9.712	93	58559	21.577	ug/l	96
47) Bromodichloromethane	9.894	83	120632	20.842	ug/l #	96
48) Methyl methacrylate	9.688	41	78481	21.454	ug/l #	80
49) 1,4-Dioxane	9.700	88	27907	431.736	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	530604	112.848	ug/l	88
52) Toluene	10.635	92	198656	21.545	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	114381	20.159	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	126629	20.475	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	82205	22.166	ug/l	94
56) Ethyl methacrylate	10.876	69	107677	20.355	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	141836	21.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	269347	100.460	ug/l	89
59) 2-Hexanone	11.200	43	373517	103.842	ug/l	86
60) Dibromochloromethane	11.365	129	83349	20.996	ug/l	99
61) 1,2-Dibromoethane	11.470	107	76773	20.625	ug/l	99
64) Tetrachloroethene	11.112	164	64118	21.322	ug/l	93
65) Chlorobenzene	11.894	112	204540	20.308	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	77084	21.242	ug/l	97
67) Ethyl Benzene	11.970	91	347123	19.781	ug/l	97
68) m/p-Xylenes	12.076	106	263861	40.365	ug/l	94
69) o-Xylene	12.400	106	122442	19.452	ug/l	90
70) Styrene	12.412	104	212716	21.027	ug/l	97
71) Bromoform	12.582	173	56149	21.790	ug/l #	99
73) Isopropylbenzene	12.700	105	309741	19.646	ug/l	100
74) N-amyl acetate	12.500	43	133563	19.408	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	117284	20.981	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93781m	19.229	ug/l	
77) Bromobenzene	12.982	156	78821	20.420	ug/l	93
78) n-propylbenzene	13.041	91	369474	20.464	ug/l	96
79) 2-Chlorotoluene	13.129	91	235922	20.455	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	257892	21.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30859	17.215	ug/l #	78
82) 4-Chlorotoluene	13.223	91	233968	20.414	ug/l	98
83) tert-Butylbenzene	13.441	119	210218	20.937	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	255264	21.151	ug/l	100
85) sec-Butylbenzene	13.617	105	276296	19.862	ug/l	99
86) p-Isopropyltoluene	13.735	119	220027	19.400	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	141037	19.641	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	139234	19.103	ug/l	98
89) n-Butylbenzene	14.059	91	173505	17.762	ug/l	97
90) Hexachloroethane	14.335	117	47061	20.952	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	141482	20.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19740	20.824	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	56595	17.559	ug/l	98
94) Hexachlorobutadiene	15.505	225	26987	18.470	ug/l	99
95) Naphthalene	15.647	128	165026	15.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	57337	18.148	ug/l	99

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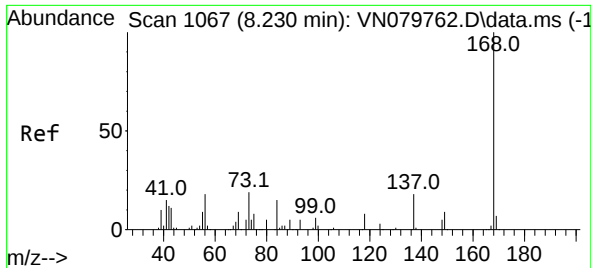
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

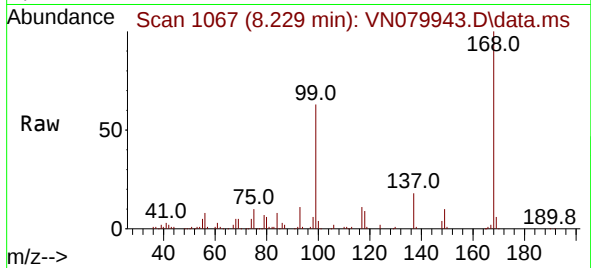
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079943.D
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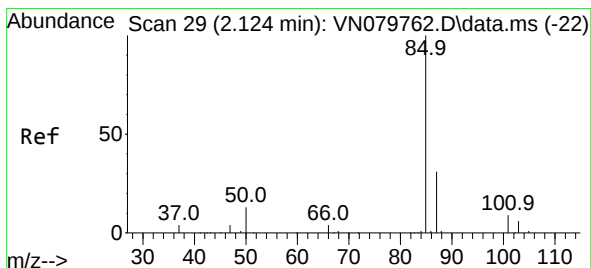
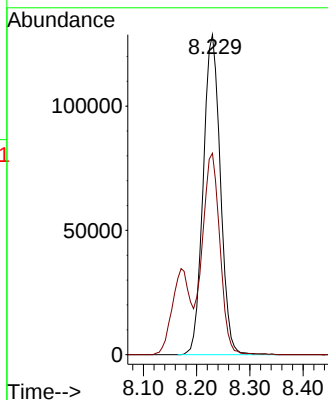
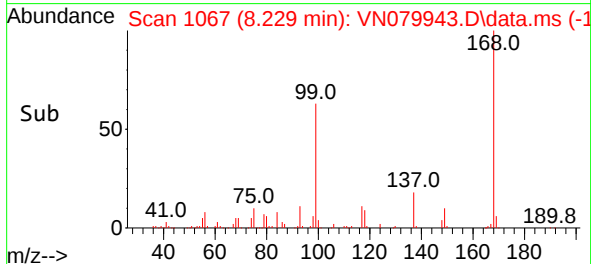
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion:168 Resp: 28833
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6

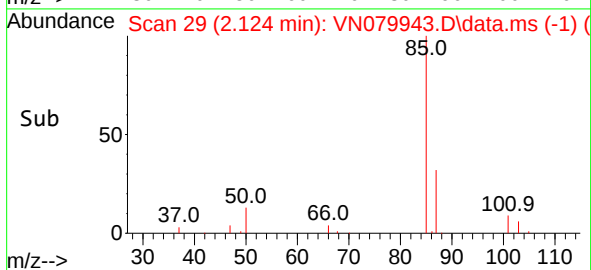
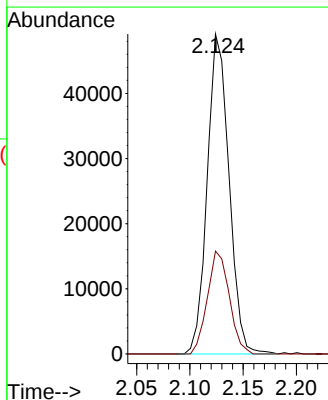
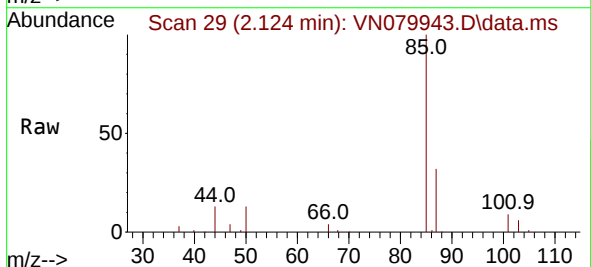
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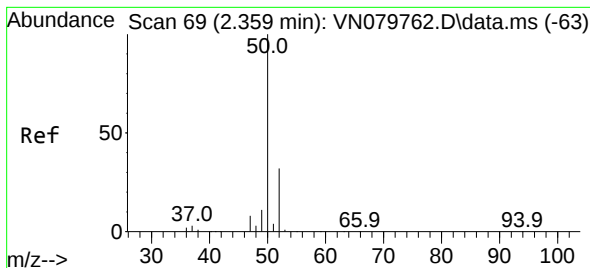
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#2
Dichlorodifluoromethane
Concen: 20.156 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 85 Resp: 70004
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3

Chloromethane

Concen: 20.499 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 50 Resp: 9225

Ion Ratio Lower Upper

50 100

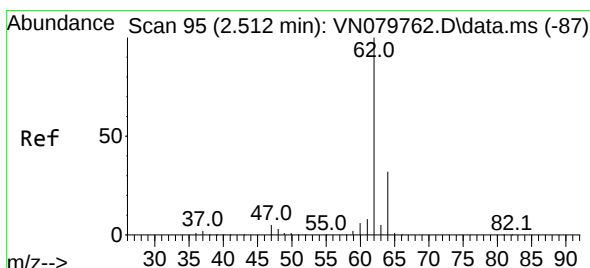
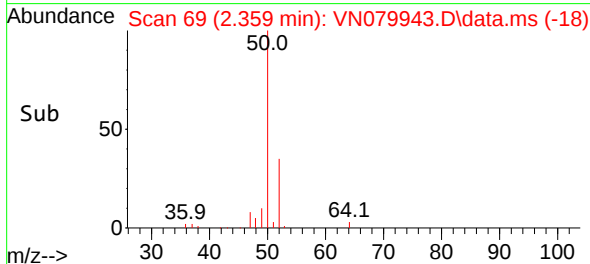
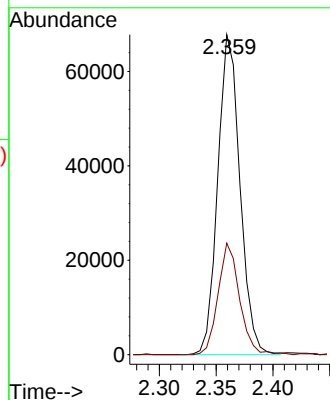
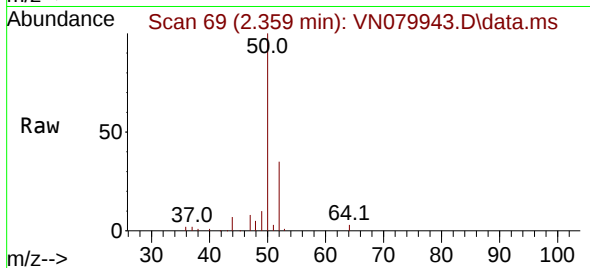
52 34.8 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2023



#4

Vinyl Chloride

Concen: 22.972 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079943.D

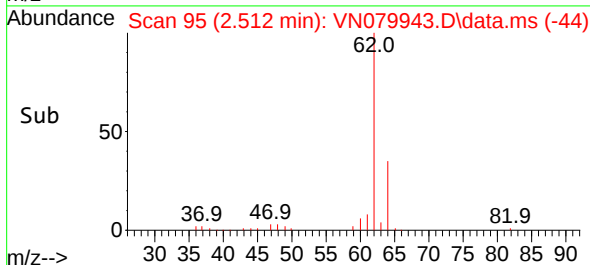
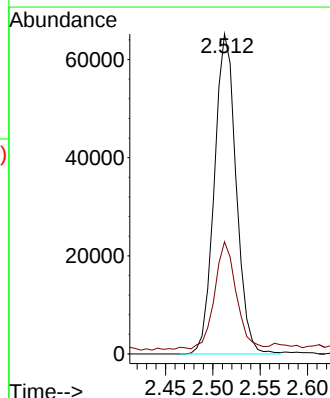
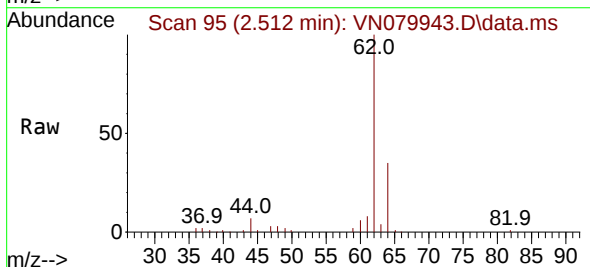
Acq: 07 Nov 2023 03:43

Tgt Ion: 62 Resp: 104433

Ion Ratio Lower Upper

62 100

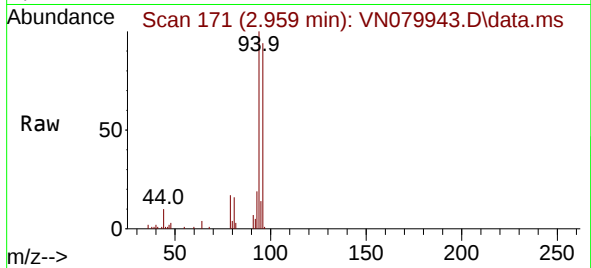
64 33.0 26.2 39.2





#5
Bromomethane
Concen: 19.864 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

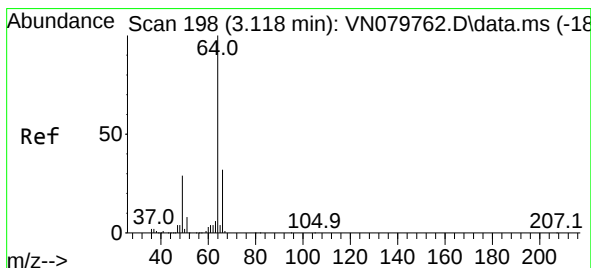
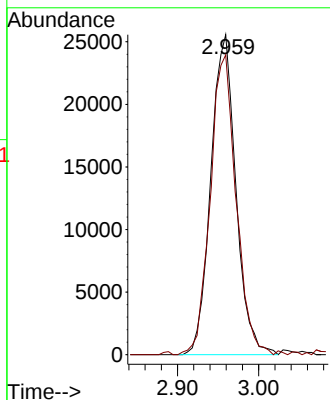
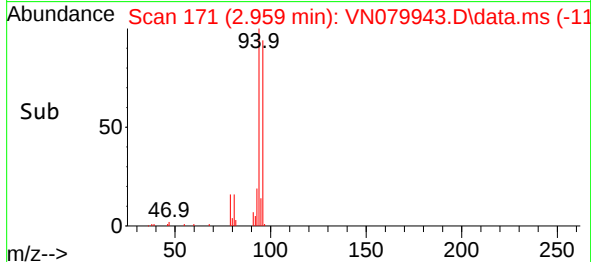
Instrument :
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Tgt Ion: 94 Resp: 5486
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7

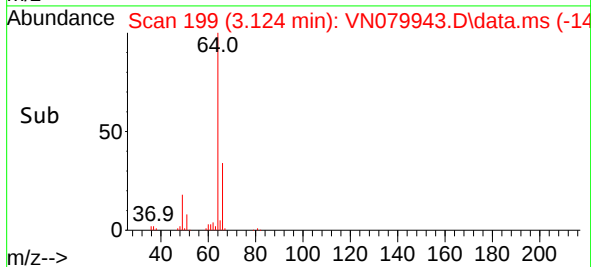
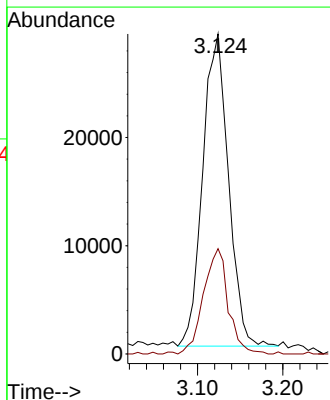
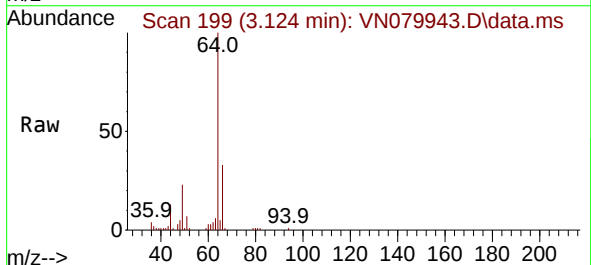
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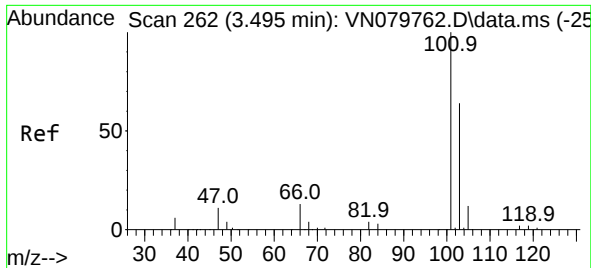
Reviewed By :John Carlone 11/07/2023
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#6
Chloroethane
Concen: 16.864 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

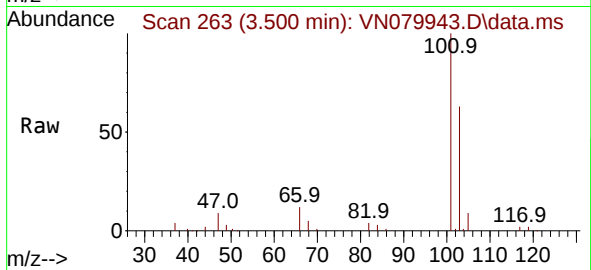
Tgt Ion: 64 Resp: 60577
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 21.657 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

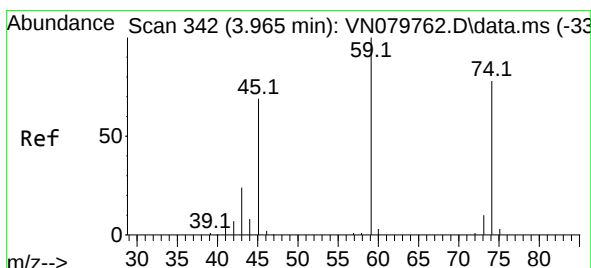
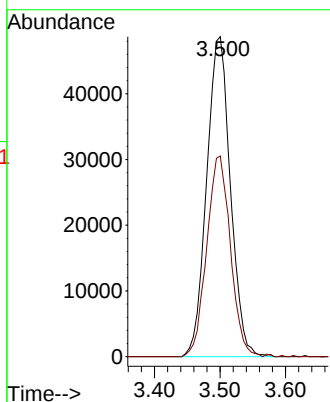
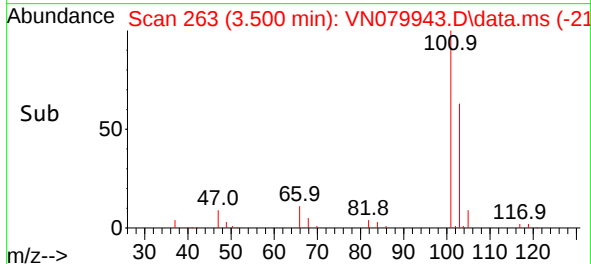
Instrument :
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Tgt Ion:101 Resp: 12245
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1

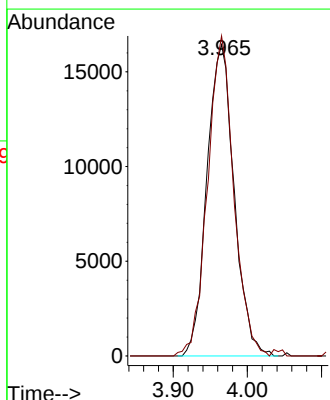
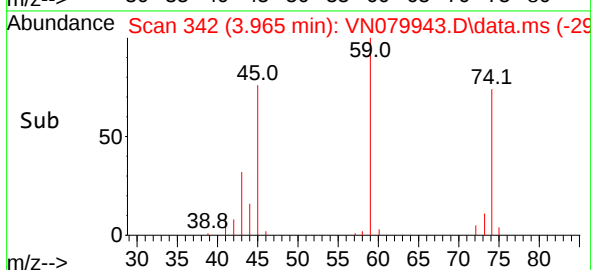
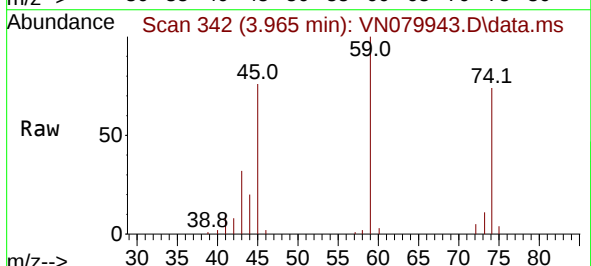
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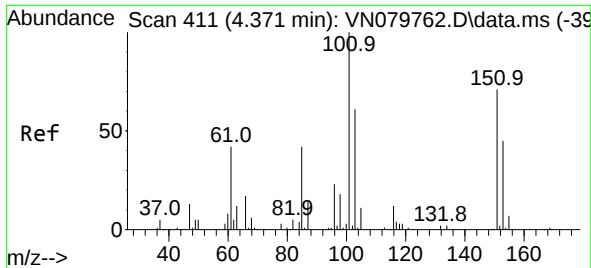
Reviewed By :John Carlone 11/07/2023
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#8
 Diethyl Ether
 Concen: 19.513 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 41870
 Ion Ratio Lower Upper
 74 100
 45 99.1 34.4 103.3





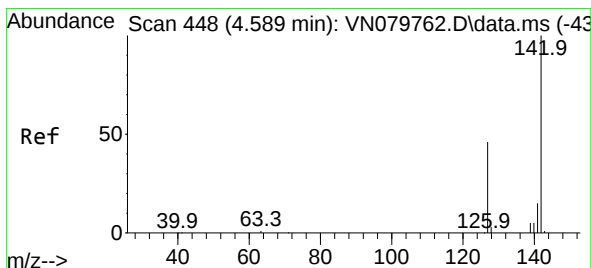
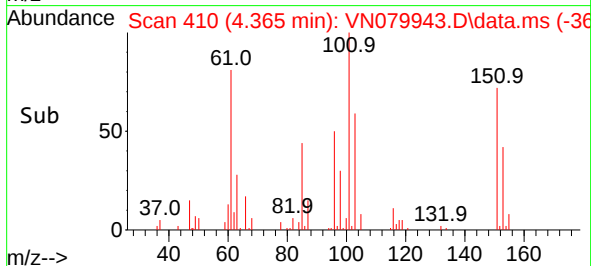
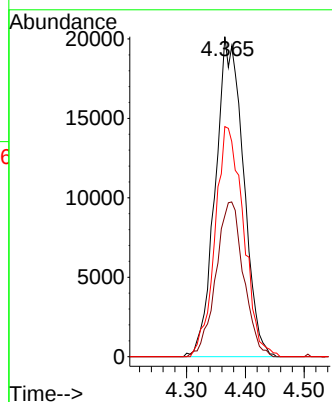
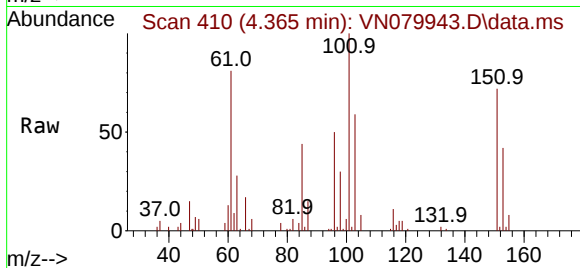
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.400 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion:101 Resp: 6686
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 72.8 57.6 86.4

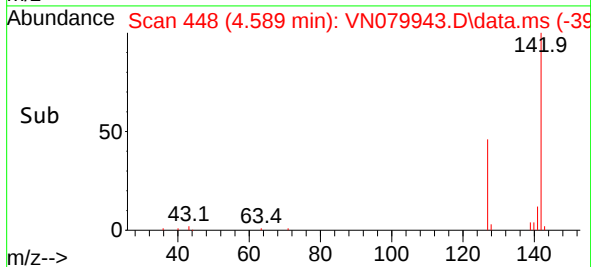
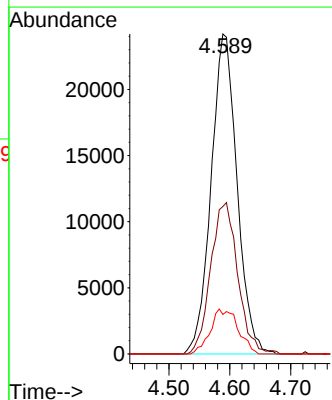
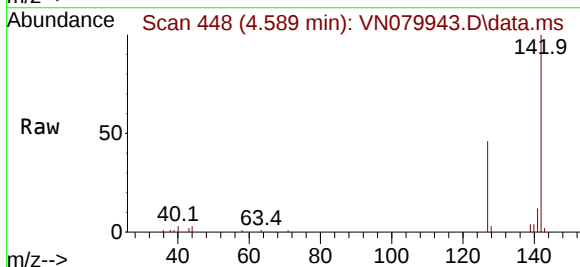
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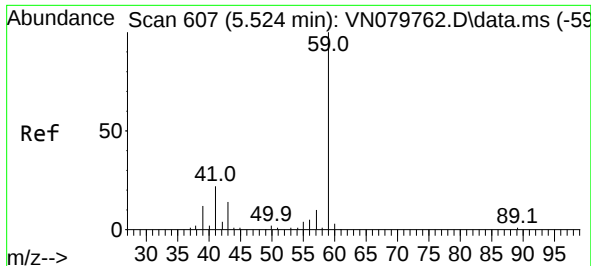
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 19.119 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion:142 Resp: 71565
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 12.4 11.4 17.0





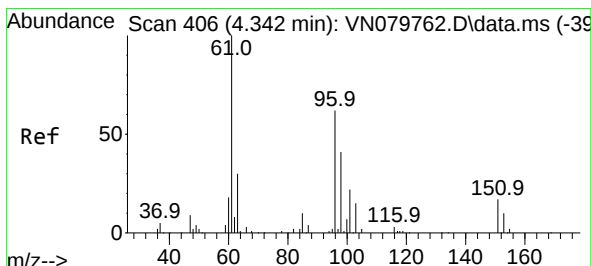
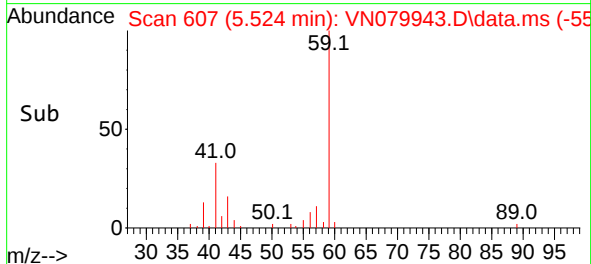
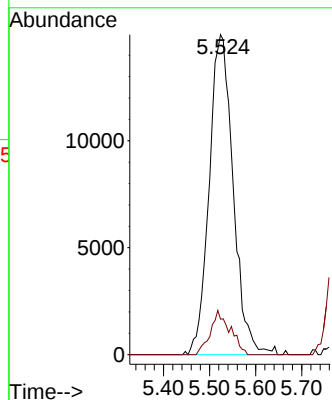
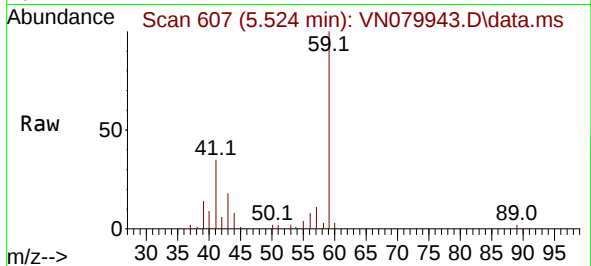
#11
Tert butyl alcohol
Concen: 96.506 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 59 Resp: 5411
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

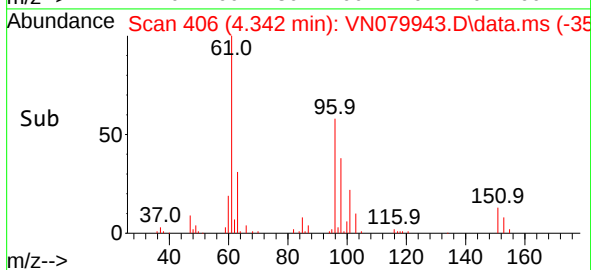
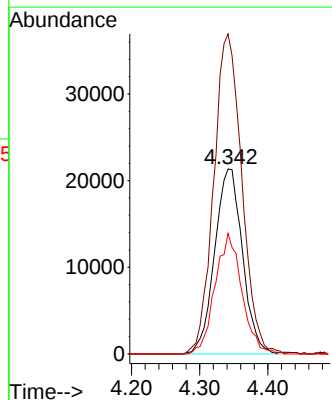
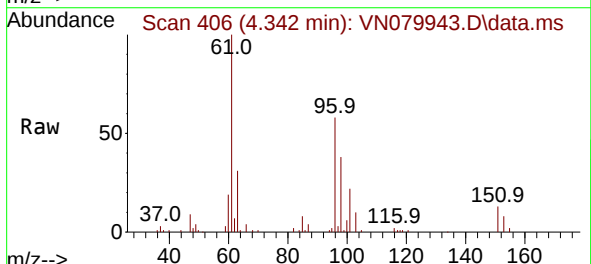
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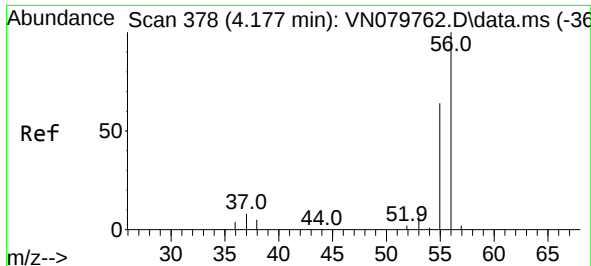
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#12
1,1-Dichloroethene
Concen: 19.554 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 96 Resp: 60687
Ion Ratio Lower Upper
96 100
61 173.0 112.7 169.1#
98 65.2 51.2 76.8





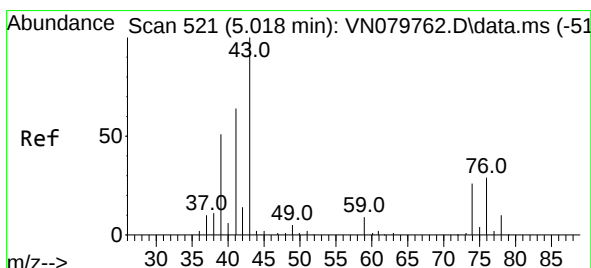
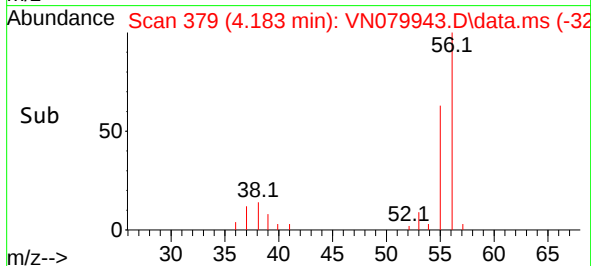
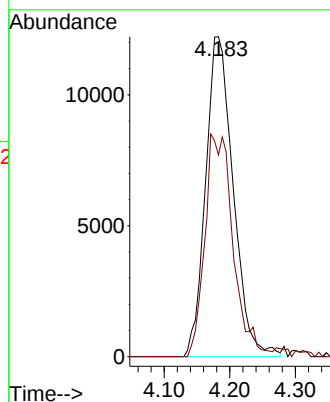
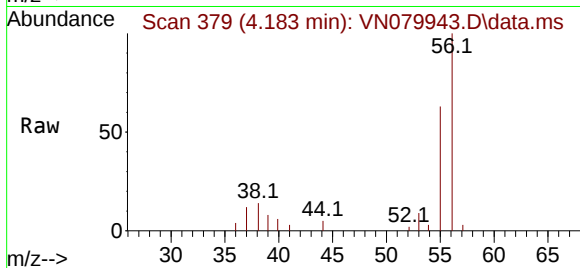
#13
Acrolein
Concen: 72.545 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 56 Resp: 35828
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7

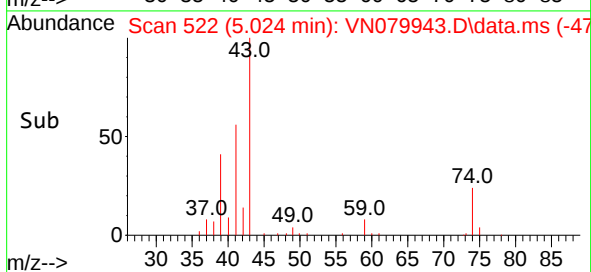
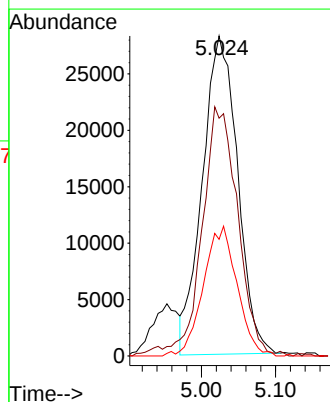
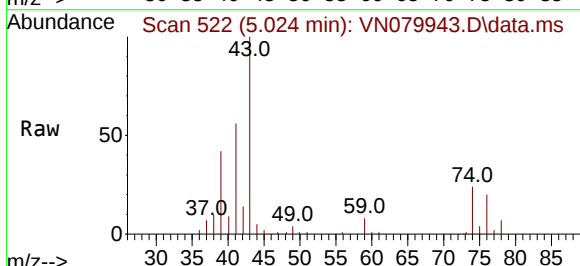
Manual Integrations
APPROVED

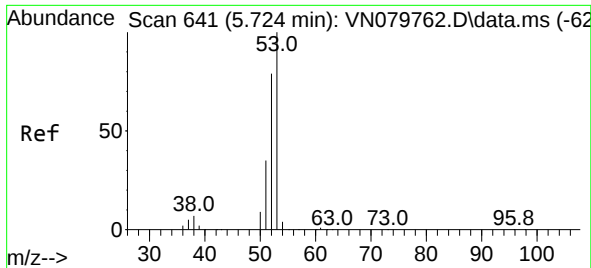
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#14
Allyl chloride
Concen: 19.602 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 41 Resp: 93178
Ion Ratio Lower Upper
41 100
39 78.4 58.8 88.2
76 39.0 39.1 58.7#





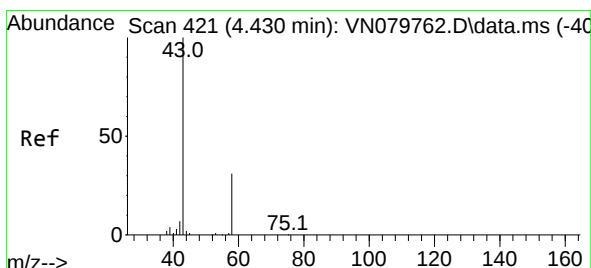
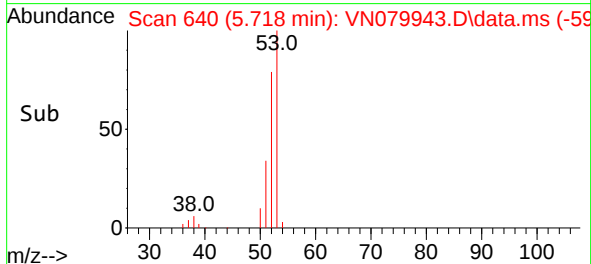
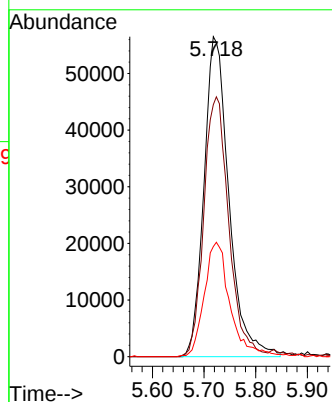
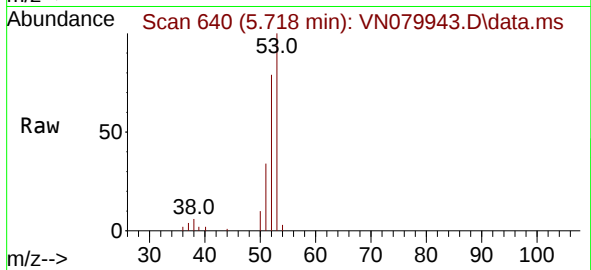
#15
Acrylonitrile
Concen: 108.446 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 53 Resp: 18951
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 37.0 28.9 43.3

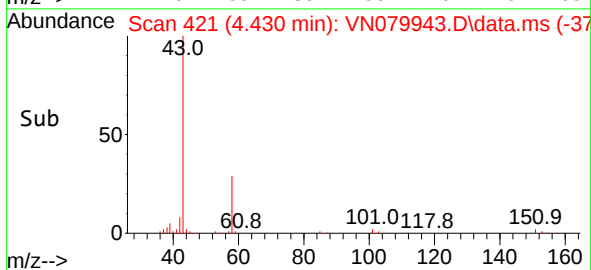
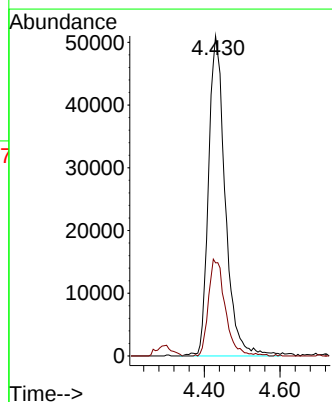
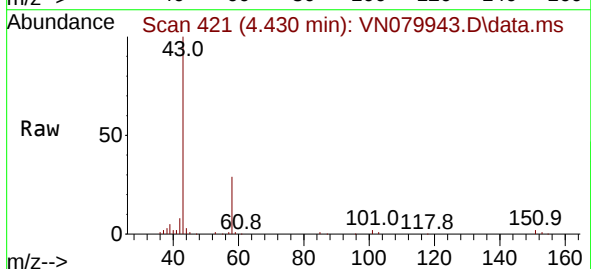
Manual Integrations
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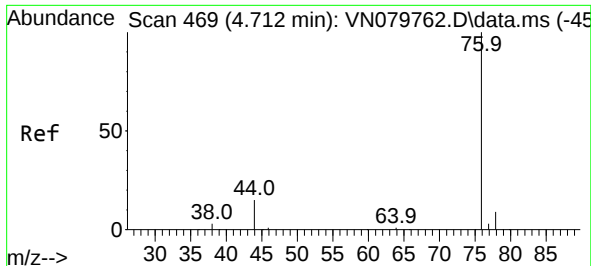
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 101.180 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

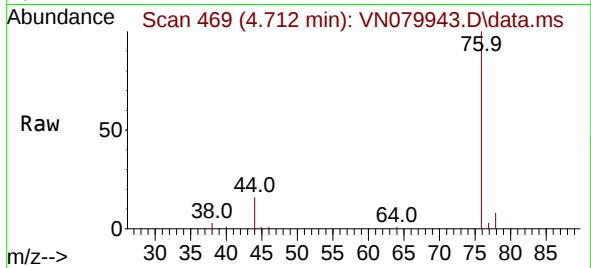
Tgt Ion: 43 Resp: 156124
Ion Ratio Lower Upper
43 100
58 28.8 28.0 42.0





#17
Carbon Disulfide
Concen: 18.399 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

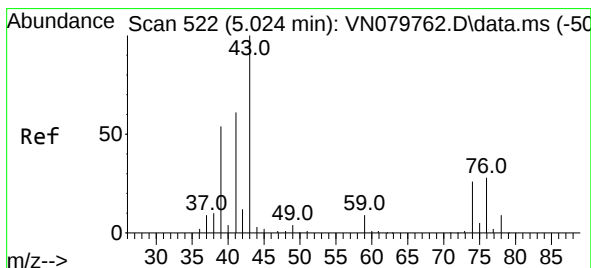
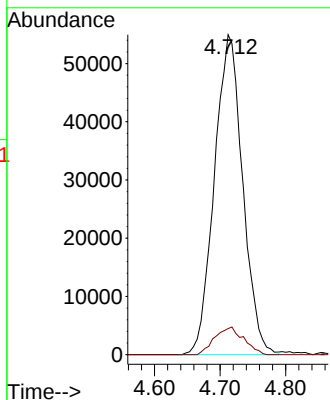
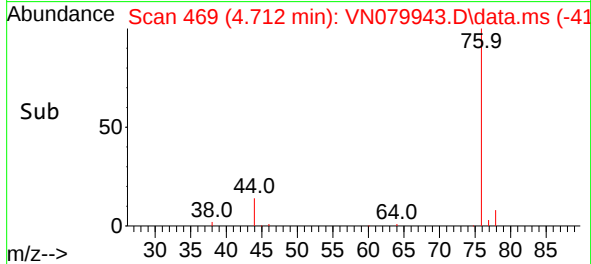
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



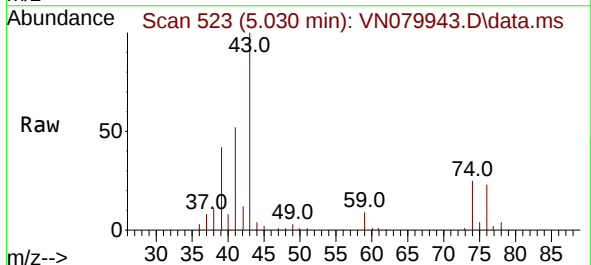
Tgt Ion: 76 Resp: 164711
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

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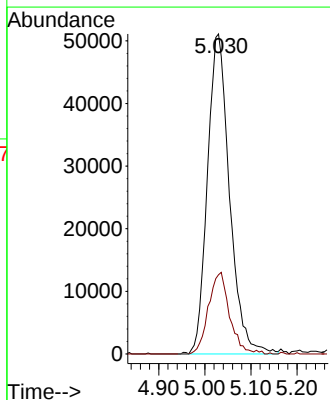
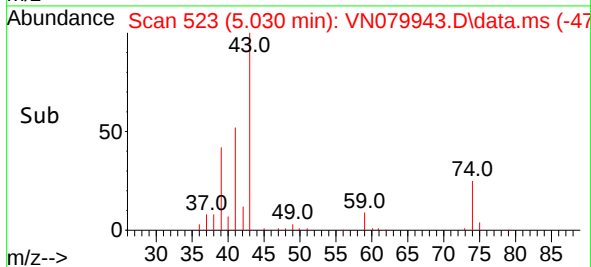
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

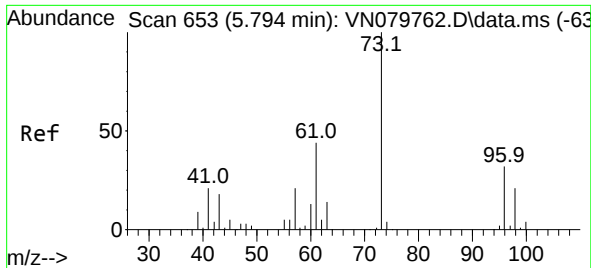


#18
Methyl Acetate
Concen: 23.039 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



Tgt Ion: 43 Resp: 170083
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





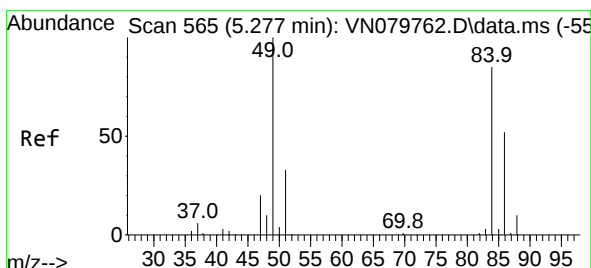
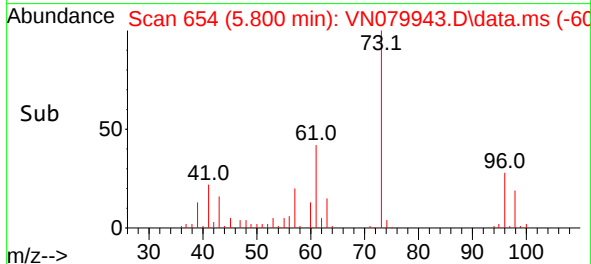
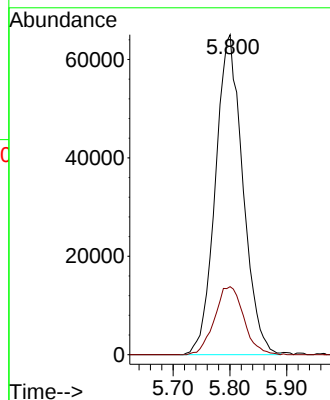
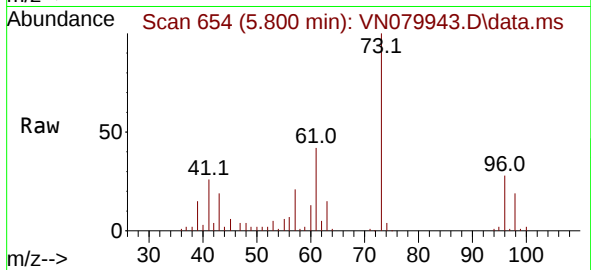
#19
Methyl tert-butyl Ether
Concen: 20.419 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 73 Resp: 218184
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4

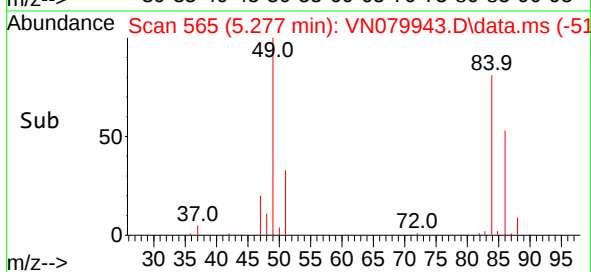
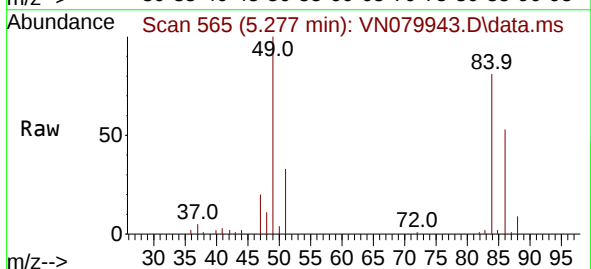
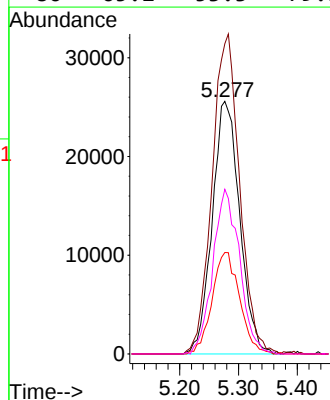
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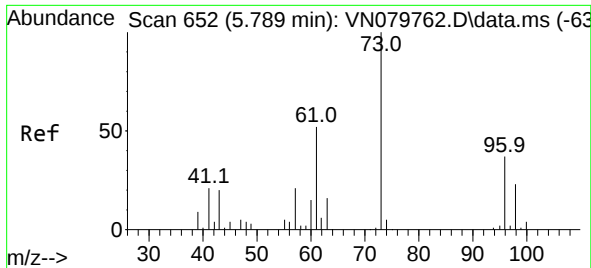
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#20
Methylene Chloride
Concen: 21.308 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 84 Resp: 82964
Ion Ratio Lower Upper
84 100
49 122.8 79.7 119.5#
51 40.2 25.2 37.8#
86 65.2 53.3 79.9





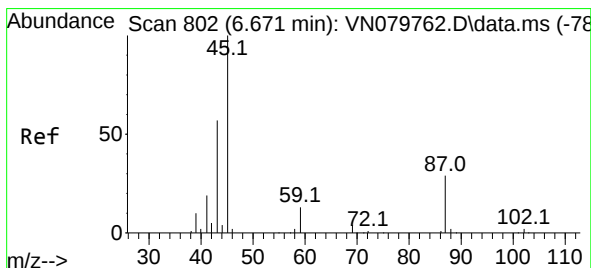
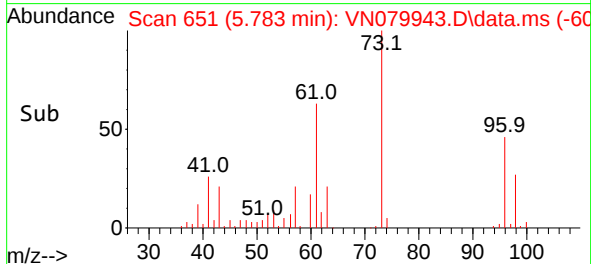
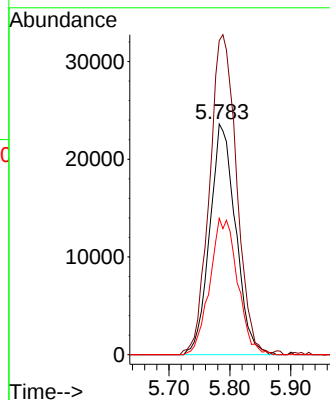
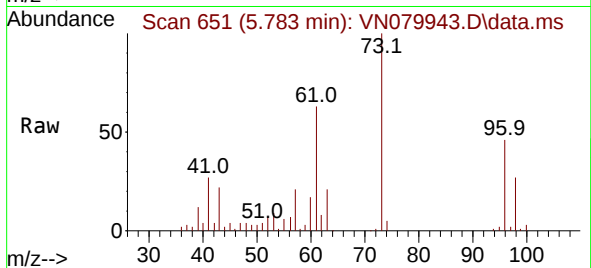
#21
trans-1,2-Dichloroethene
Concen: 20.113 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 96 Resp: 69619
Ion Ratio Lower Upper
96 100
61 136.1 90.1 135.1
98 59.0 46.4 69.6

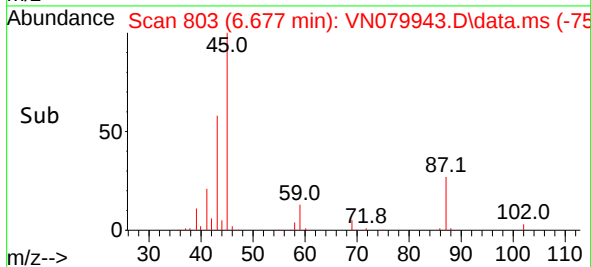
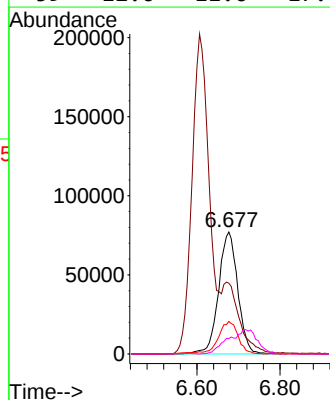
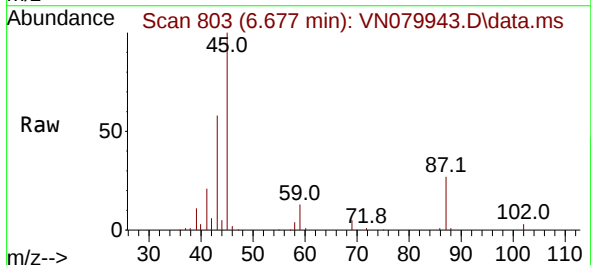
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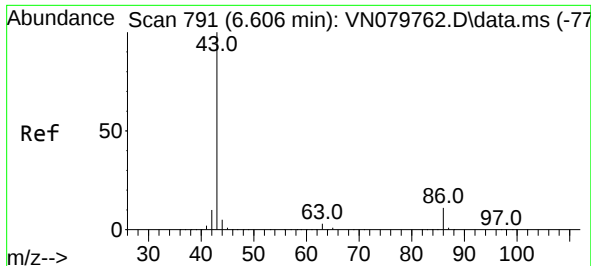
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#22
Diisopropyl ether
Concen: 22.415 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 45 Resp: 246924
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 26.7 31.8 47.8
59 12.6 11.6 17.4





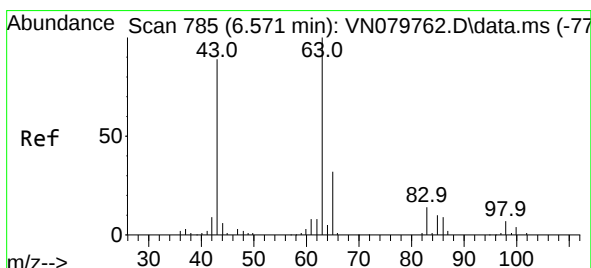
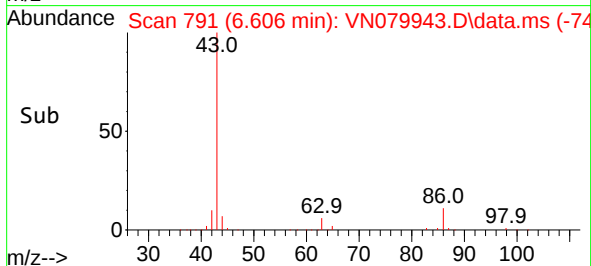
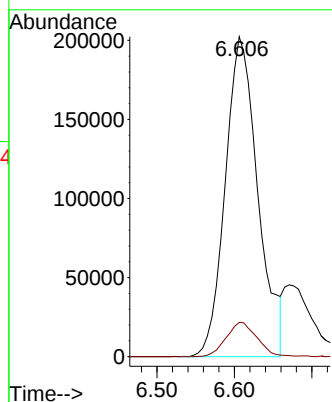
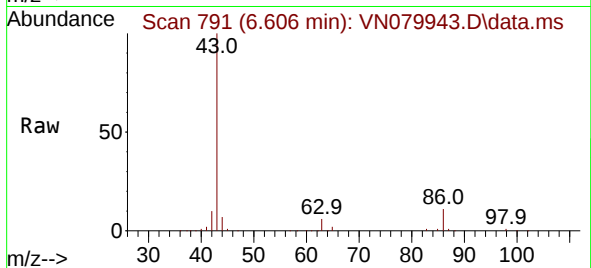
#23
 Vinyl Acetate
 Concen: 97.479 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Tgt Ion: 43 Resp: 592318
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

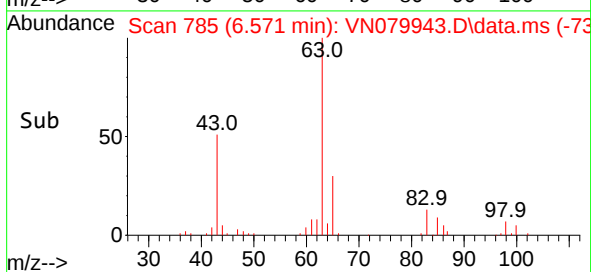
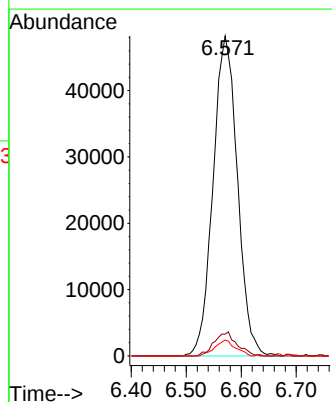
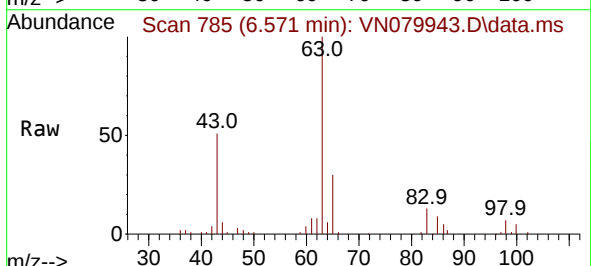
Manual Integrations
 APPROVED

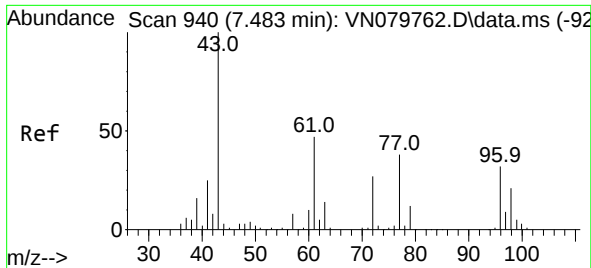
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 22.209 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

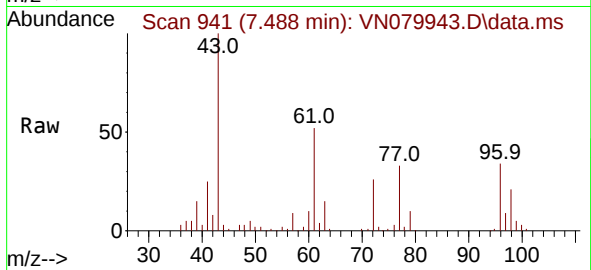
Tgt Ion: 63 Resp: 148700
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 105.489 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

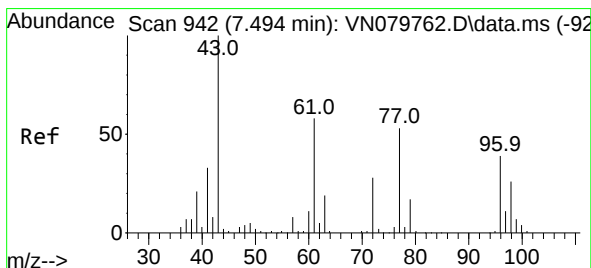
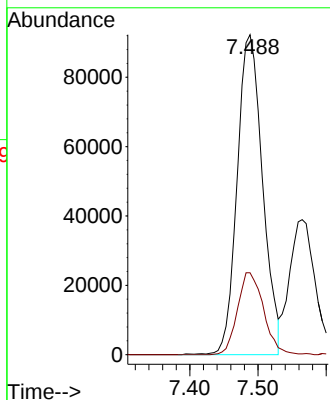
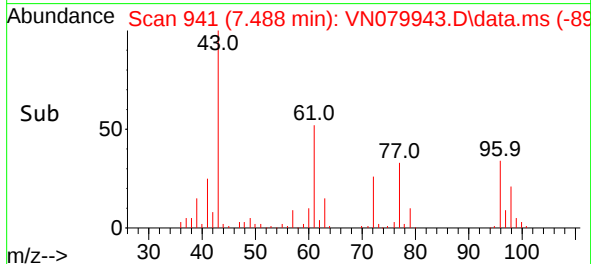
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion: 43 Resp: 23835
Ion Ratio Lower Upper
43 100
72 25.6 30.2 45.2

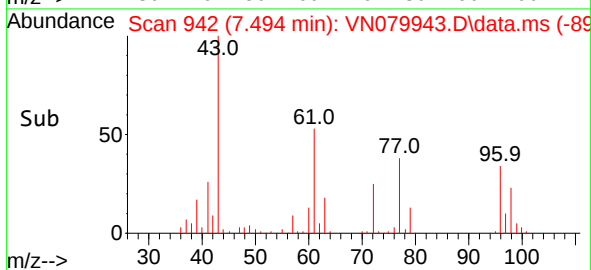
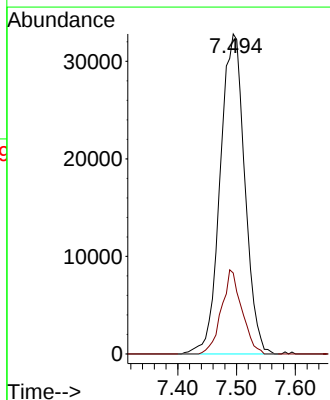
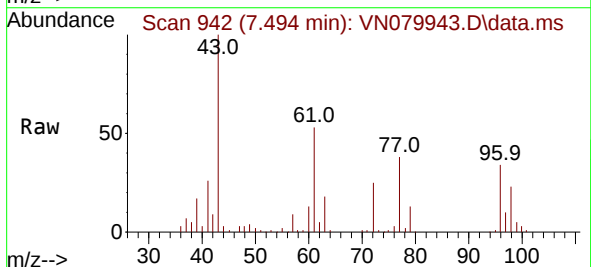
Manual Integrations
APPROVED

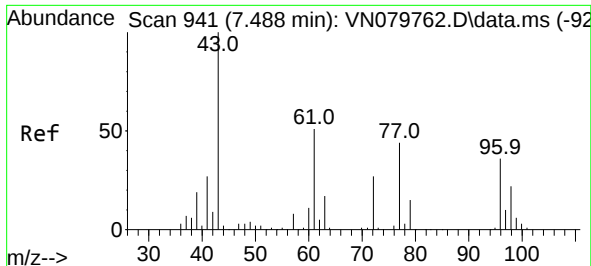
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#26
2,2-Dichloropropane
Concen: 17.203 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

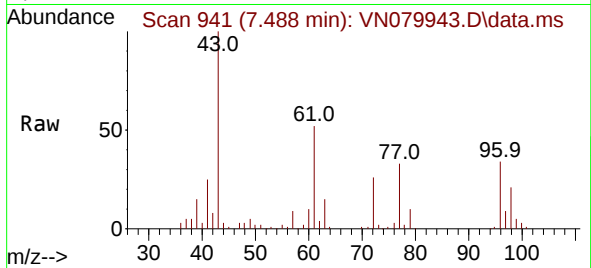
Tgt Ion: 77 Resp: 95258
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.082 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

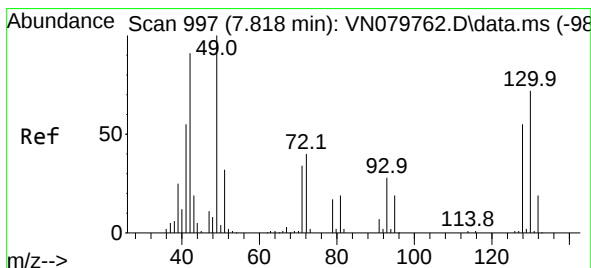
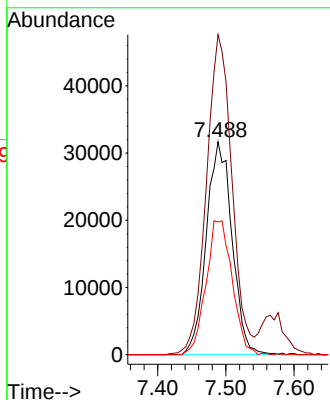
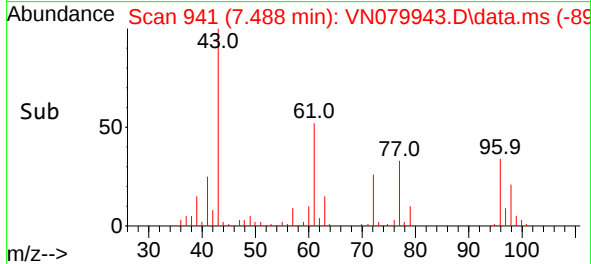
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02



Tgt Ion: 96 Resp: 8314
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 255.2
 98 64.1 0.0 128.8

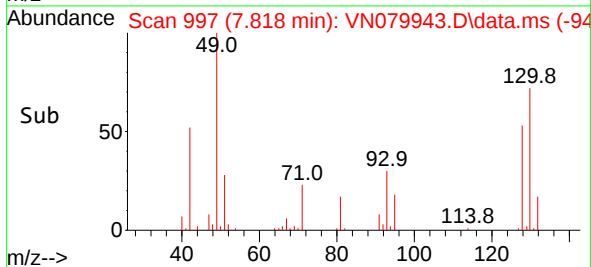
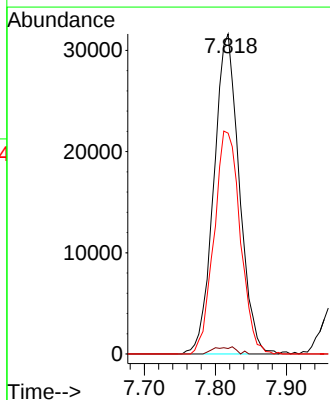
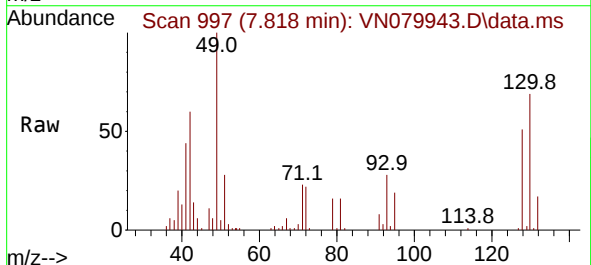
Manual Integrations
 APPROVED

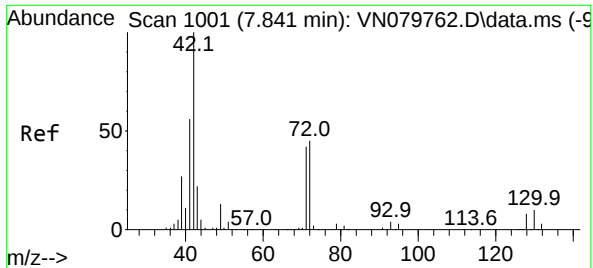
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#28
 Bromochloromethane
 Concen: 24.064 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

Tgt Ion: 49 Resp: 78519
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 71.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 111.562 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 42 Resp: 164000

Ion Ratio Lower Upper

42 100

72 41.9 49.8 74.6

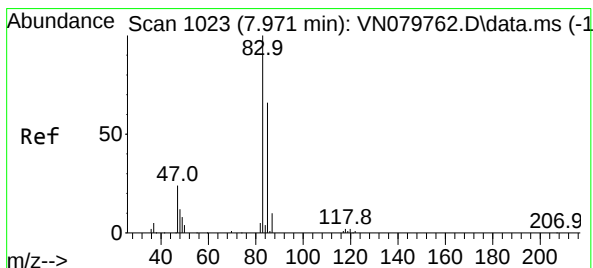
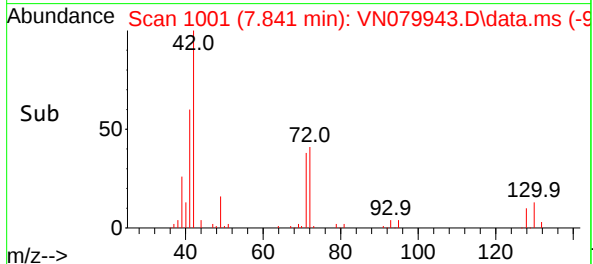
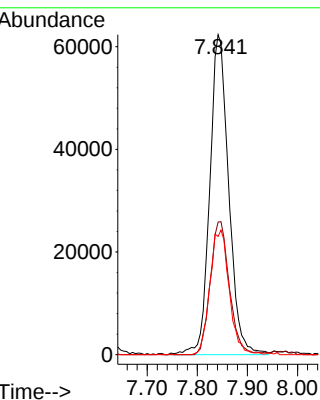
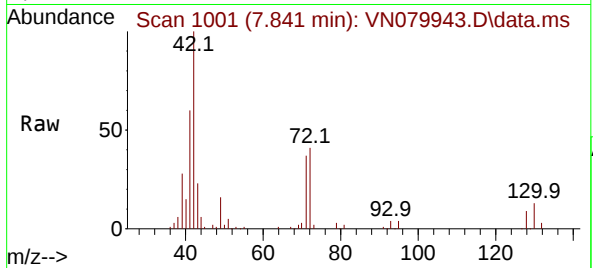
71 39.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 21.519 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079943.D

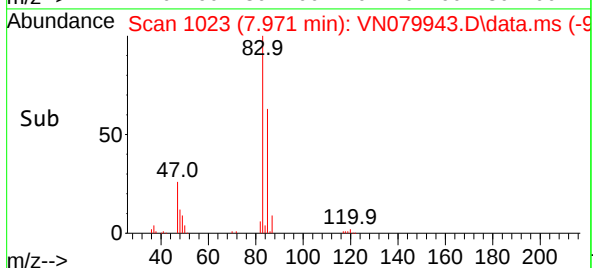
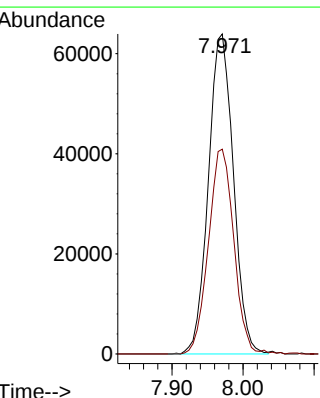
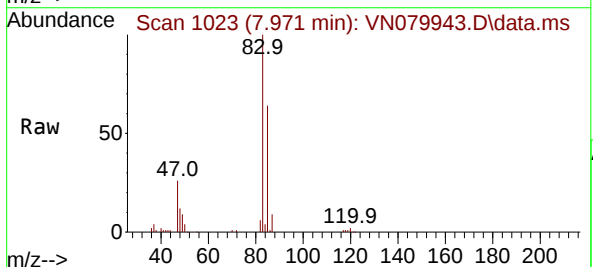
Acq: 07 Nov 2023 03:43

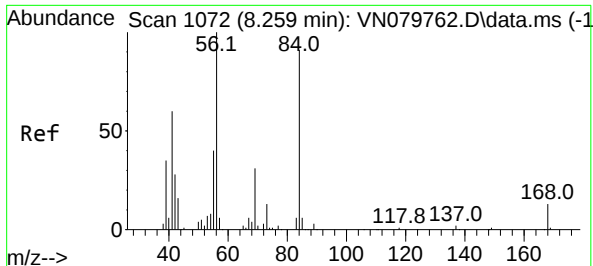
Tgt Ion: 83 Resp: 156506

Ion Ratio Lower Upper

83 100

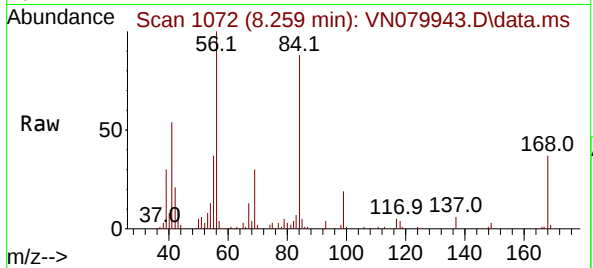
85 64.0 55.4 83.0





#31
Cyclohexane
Concen: 19.626 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

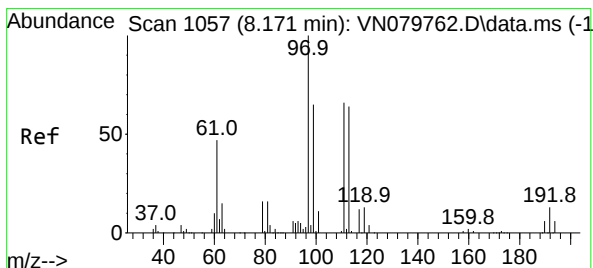
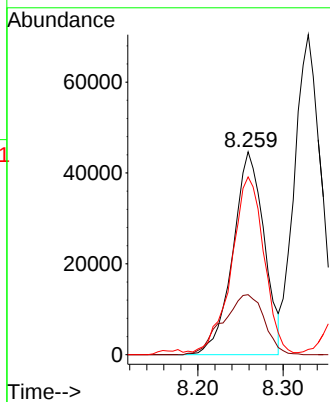
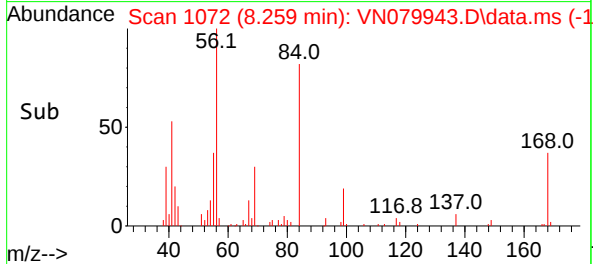
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



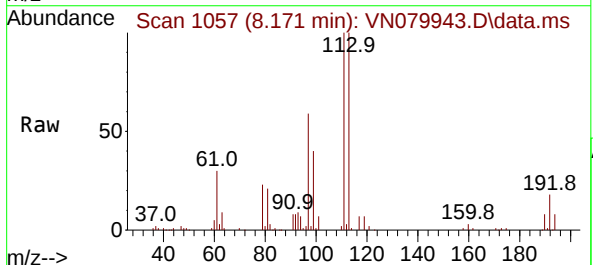
Tgt Ion: 56 Resp: 113925
Ion Ratio Lower Upper
56 100
69 29.6 26.8 40.2
84 85.2 81.8 122.6

Manual Integrations
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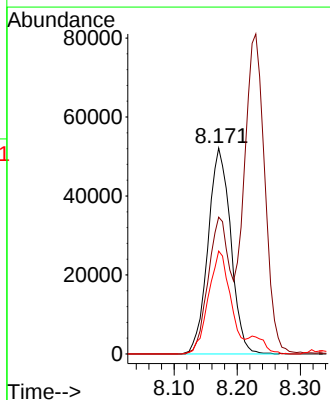
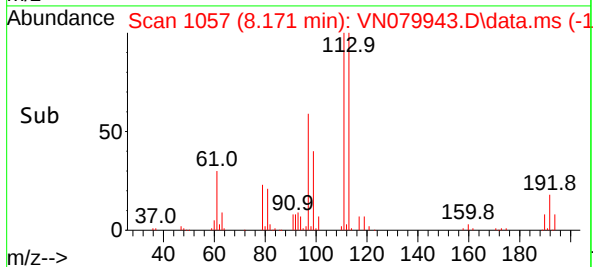
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

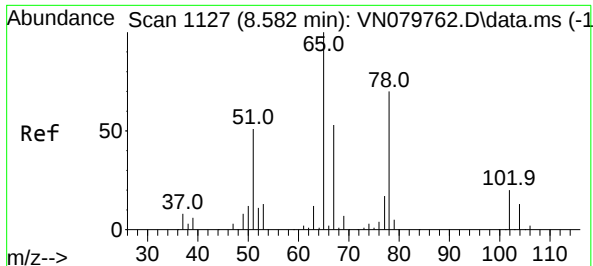


#32
1,1,1-Trichloroethane
Concen: 21.966 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



Tgt Ion: 97 Resp: 130168
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 49.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 61.329 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 65 Resp: 269409

Ion Ratio Lower Upper

65 100

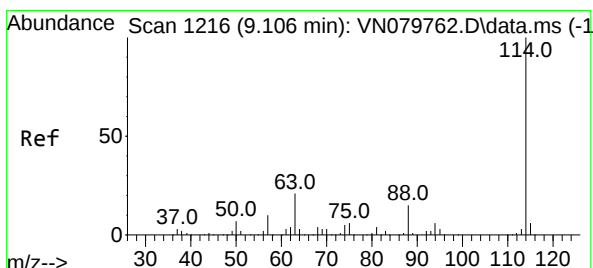
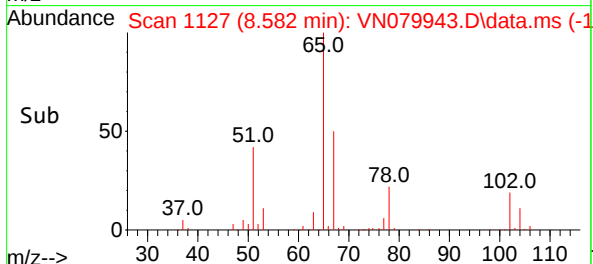
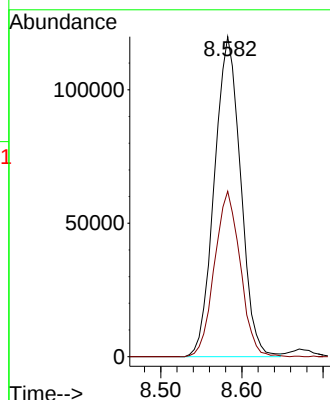
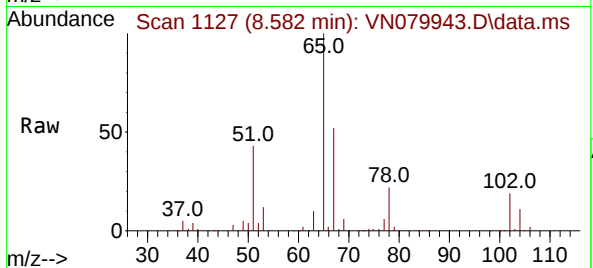
67 50.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

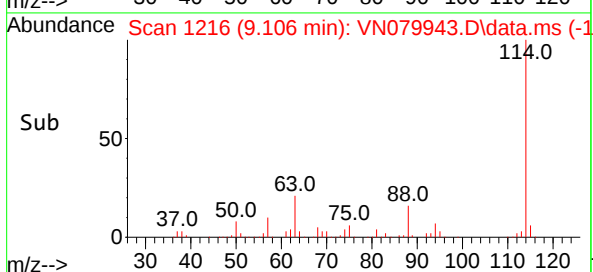
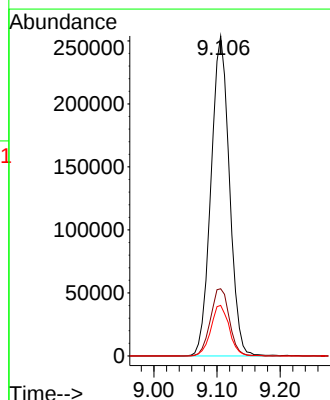
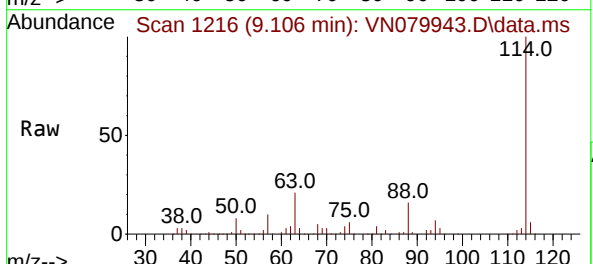
Tgt Ion:114 Resp: 513843

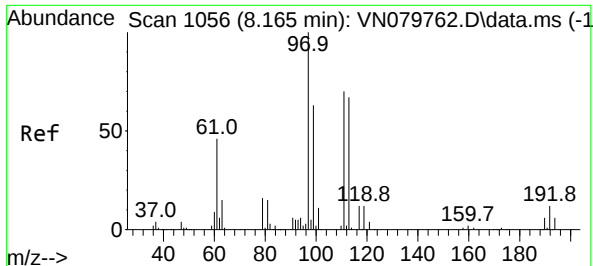
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.786 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion:113 Resp: 20651

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

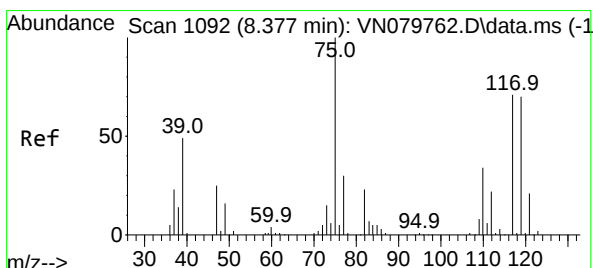
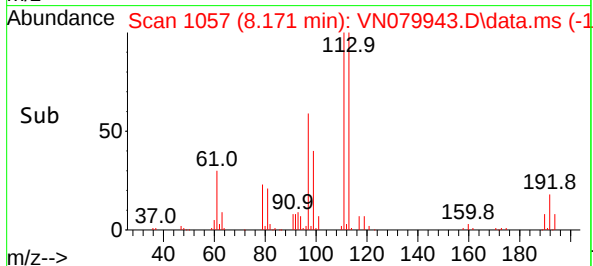
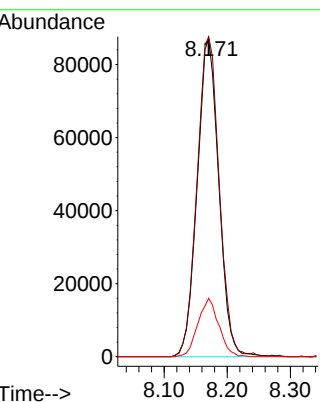
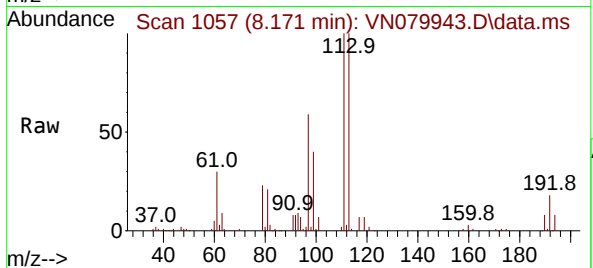
192 17.7 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#36

1,1-Dichloropropene

Concen: 20.083 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

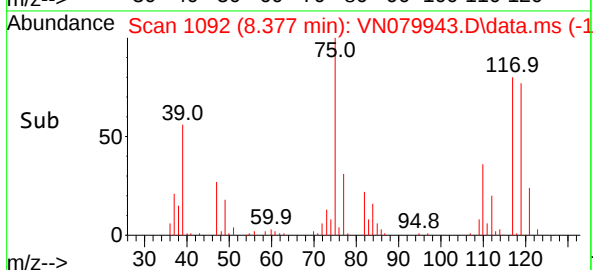
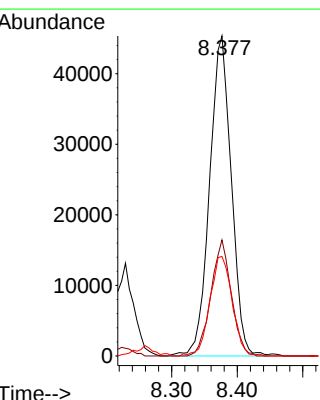
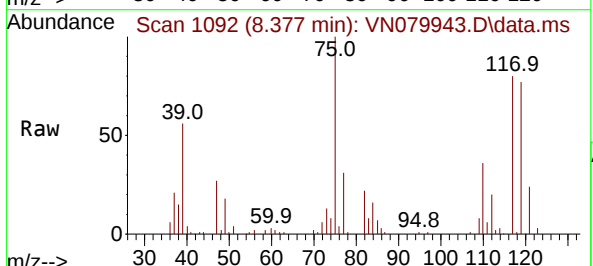
Tgt Ion: 75 Resp: 104286

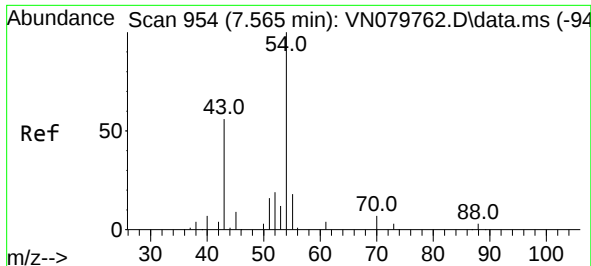
Ion Ratio Lower Upper

75 100

110 33.9 19.1 57.3

77 31.9 25.0 37.4





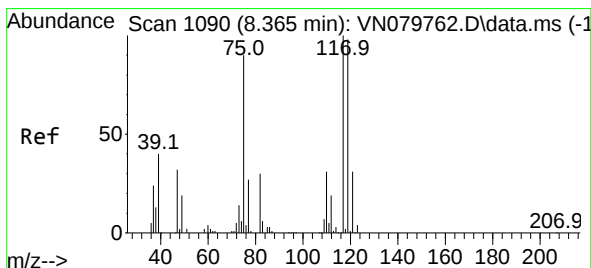
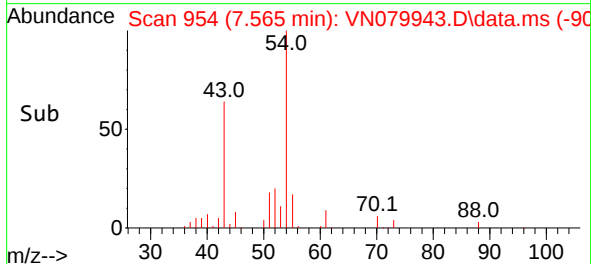
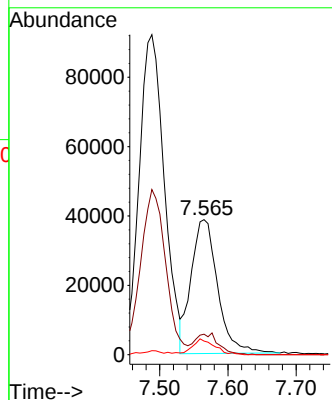
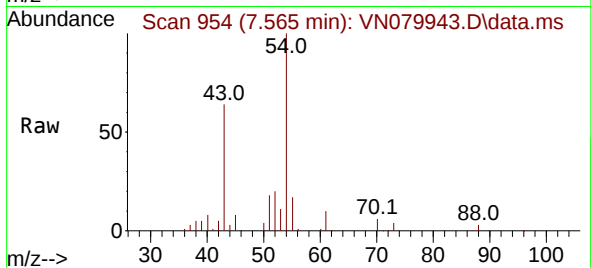
#37
Ethyl Acetate
Concen: 21.909 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 43 Resp: 10433
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 9.7 11.3 16.9

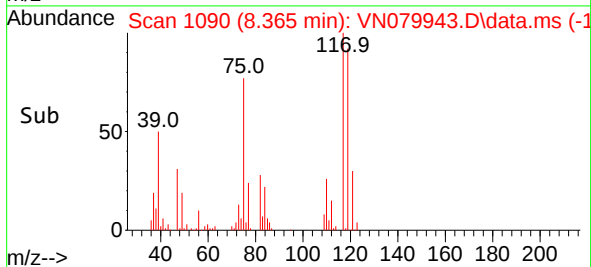
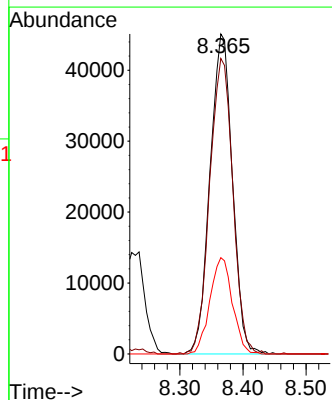
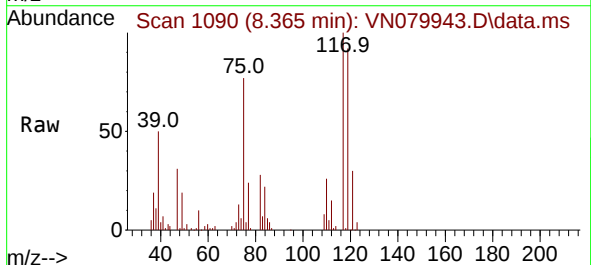
Manual Integrations
APPROVED

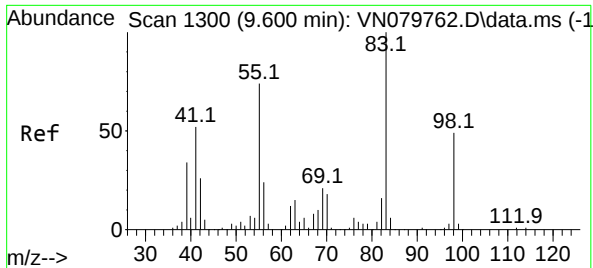
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#38
Carbon Tetrachloride
Concen: 21.258 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion:117 Resp: 111248
Ion Ratio Lower Upper
117 100
119 92.4 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 17.537 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

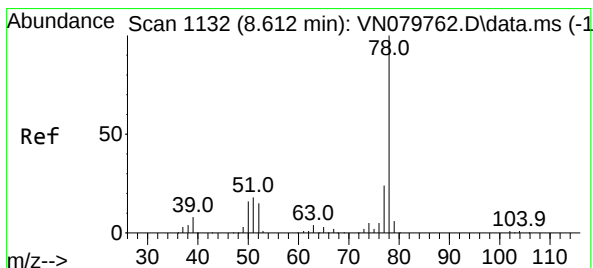
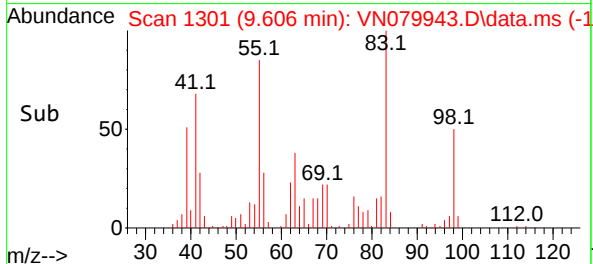
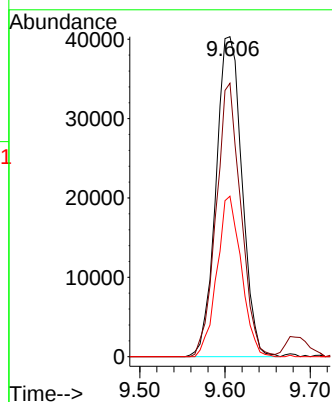
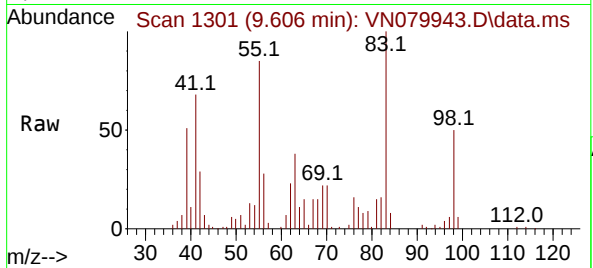
Tgt Ion: 83	Resp: 85698
Ion Ratio	Lower Upper
83	100
55	85.4 49.1 73.7
98	50.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#40

Benzene

Concen: 21.024 ug/l

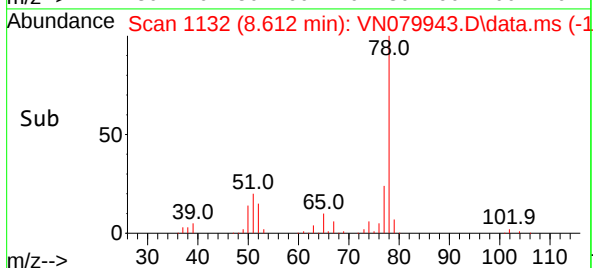
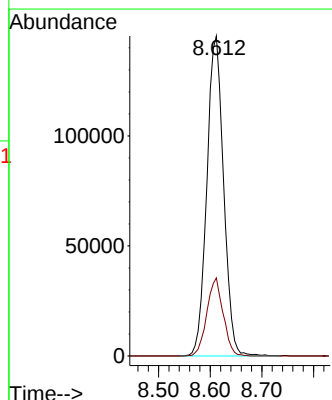
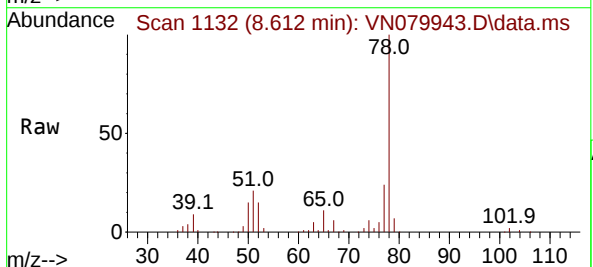
RT: 8.612 min Scan# 1132

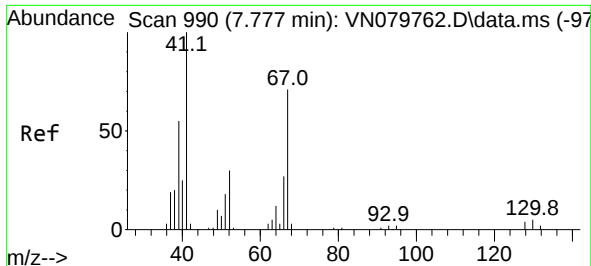
Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Tgt Ion: 78	Resp: 326987
Ion Ratio	Lower Upper
78	100
77	24.4 19.0 28.6





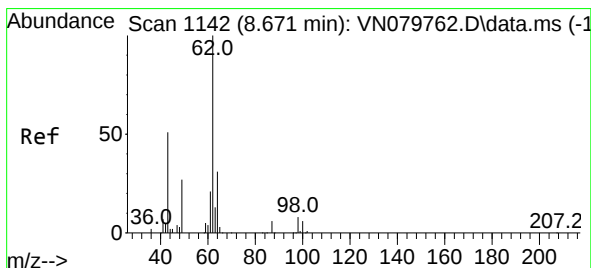
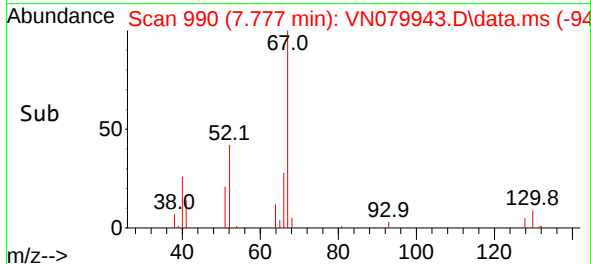
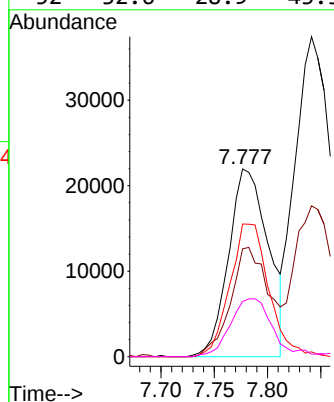
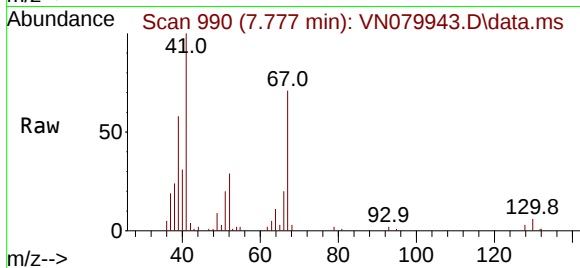
#41
Methacrylonitrile
Concen: 22.560 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 41 Resp: 5705
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 69.2 77.5 116.3
52 32.6 28.9 43.3

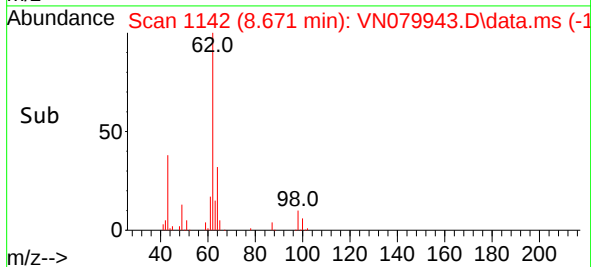
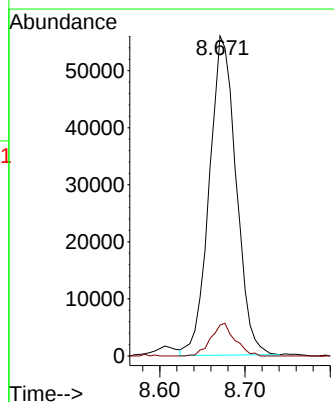
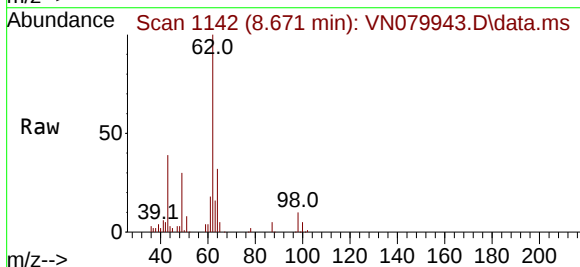
Manual Integrations
APPROVED

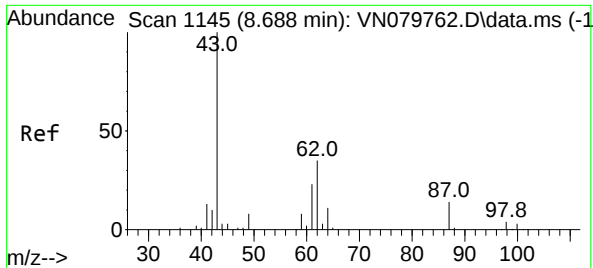
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 22.525 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

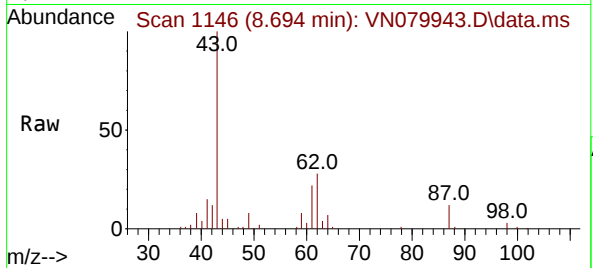
Tgt Ion: 62 Resp: 122370
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.472 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

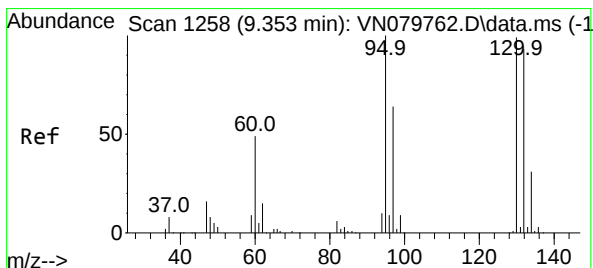
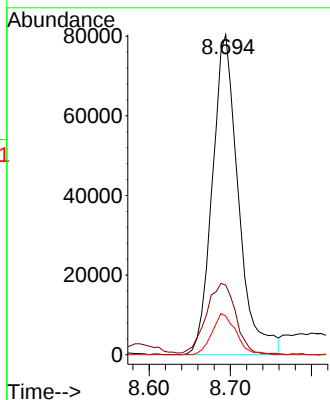
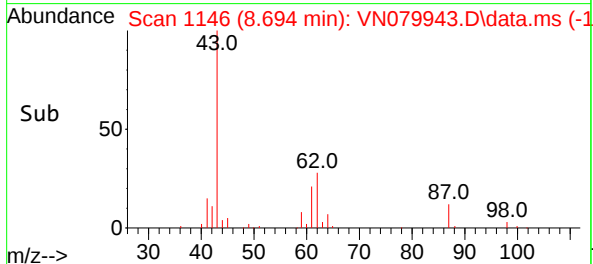
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



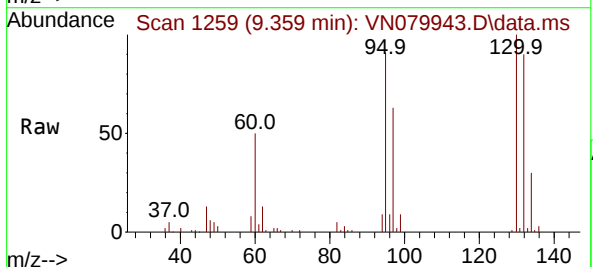
Tgt Ion: 43 Resp: 17932
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 11.8 14.6 21.8

Manual Integrations
APPROVED

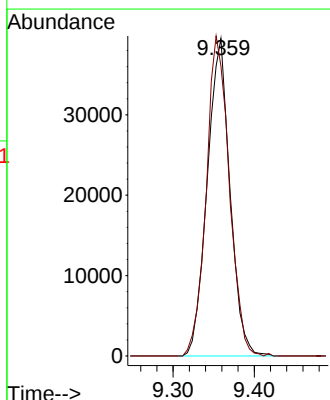
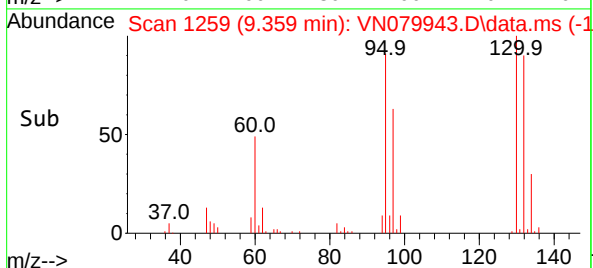
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

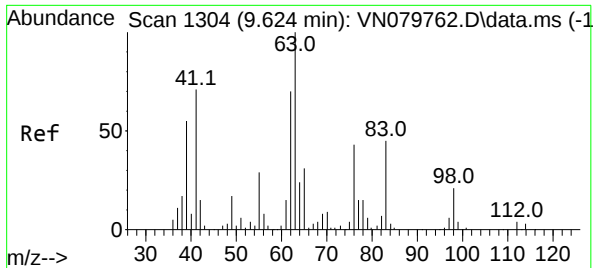


#44
Trichloroethene
Concen: 19.931 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



Tgt Ion:130 Resp: 76919
Ion Ratio Lower Upper
130 100
95 91.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.229 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 63 Resp: 88352

Ion Ratio Lower Upper

63 100

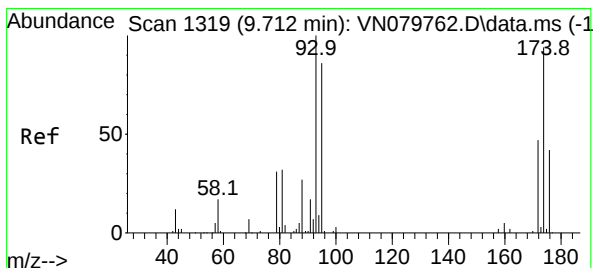
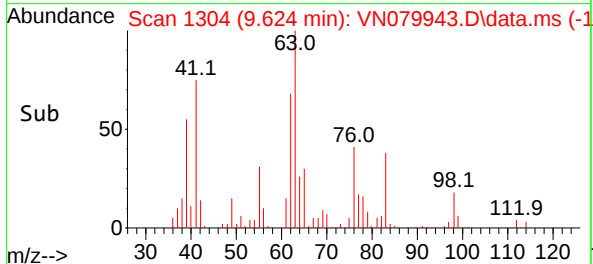
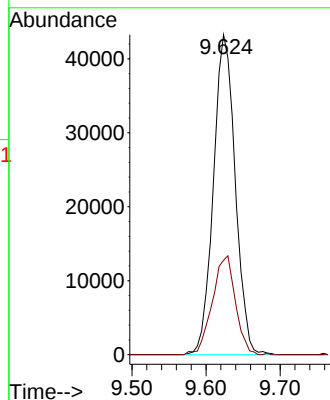
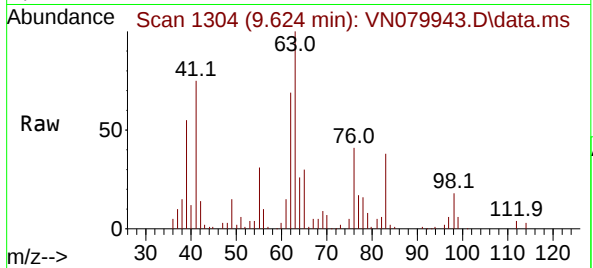
65 29.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#46

Dibromomethane

Concen: 21.577 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

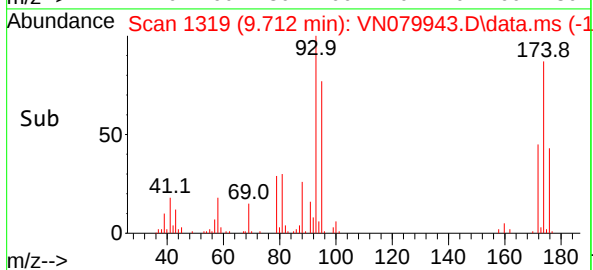
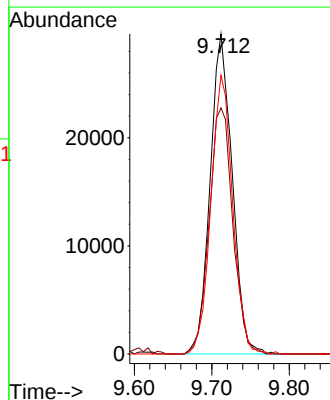
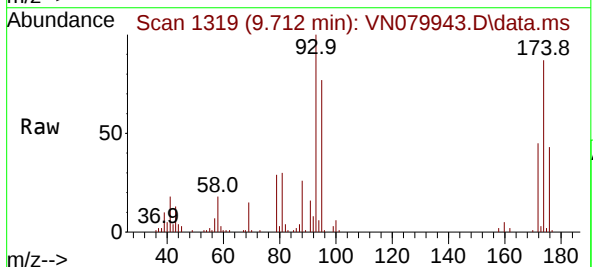
Tgt Ion: 93 Resp: 58559

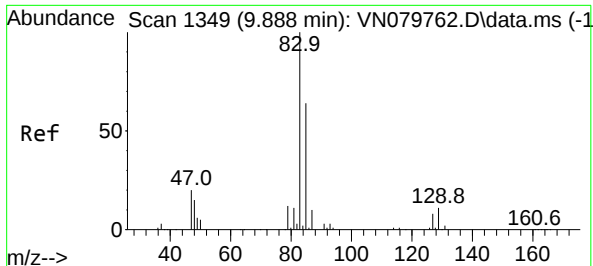
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

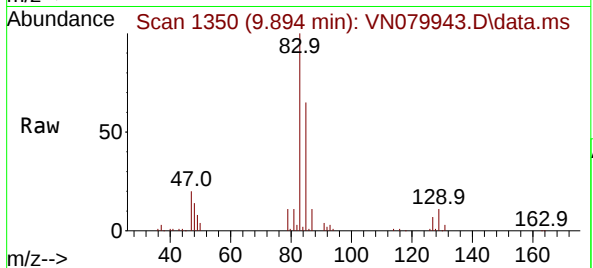
174 86.1 65.6 98.4





#47
Bromodichloromethane
Concen: 20.842 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

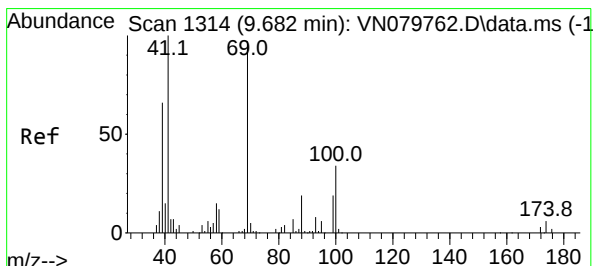
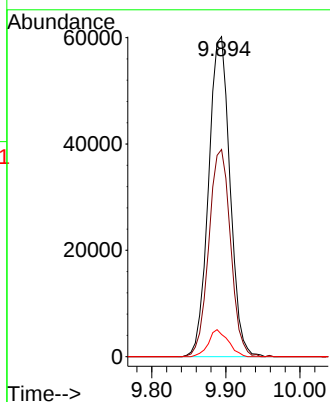
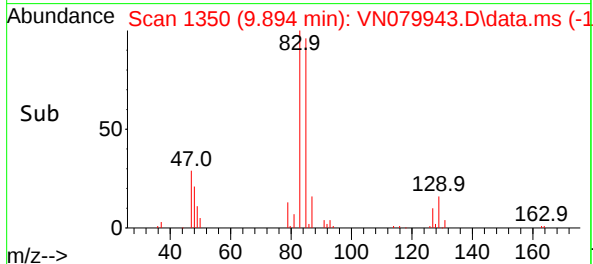
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



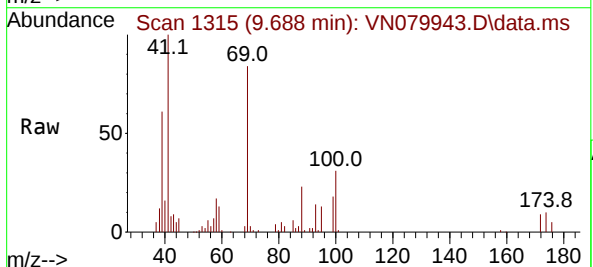
Tgt Ion: 83 Resp: 120632
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 6.9 7.0 10.6

Manual Integrations
APPROVED

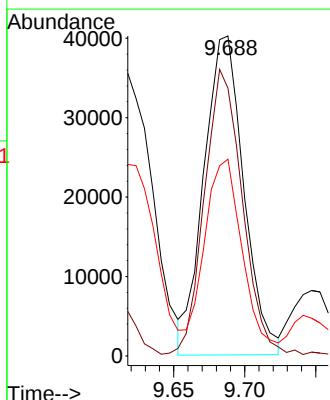
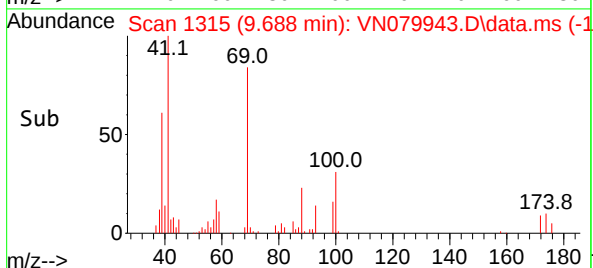
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

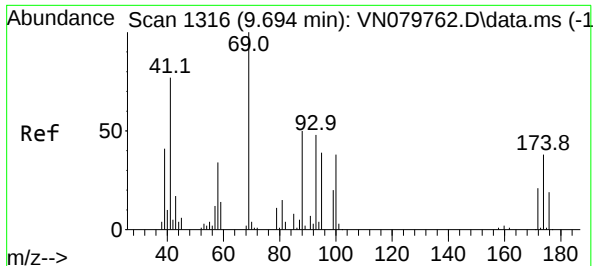


#48
Methyl methacrylate
Concen: 21.454 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



Tgt Ion: 41 Resp: 78481
Ion Ratio Lower Upper
41 100
69 86.4 90.4 135.6#
39 59.5 54.6 81.8





#49

1,4-Dioxane

Concen: 431.736 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 88 Resp: 2790

Ion Ratio Lower Upper

88 100

43 25.9 17.0 25.6

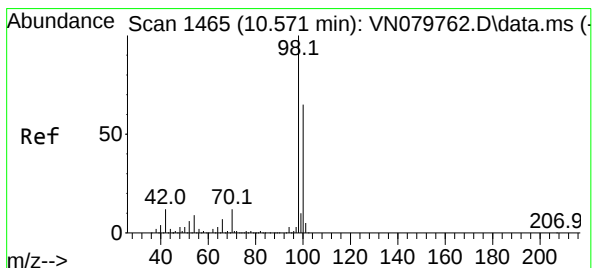
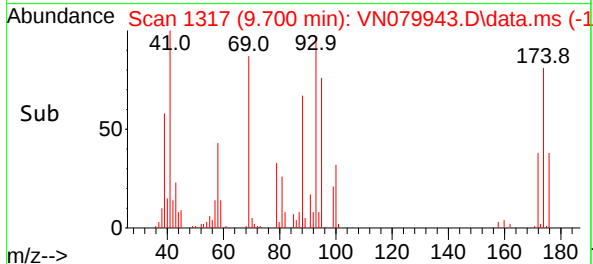
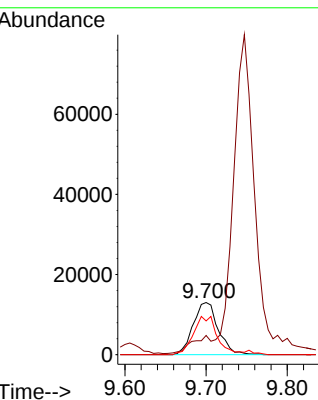
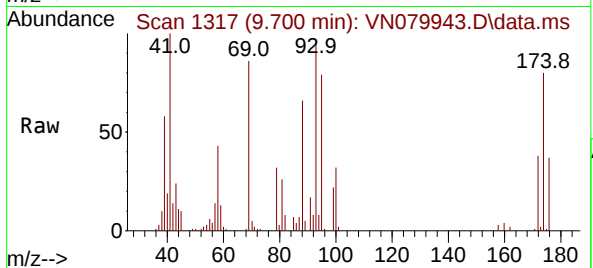
58 70.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#50

Toluene-d8

Concen: 56.785 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079943.D

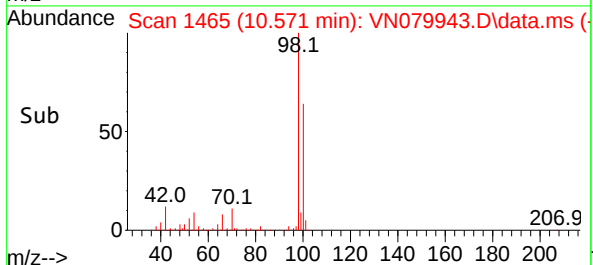
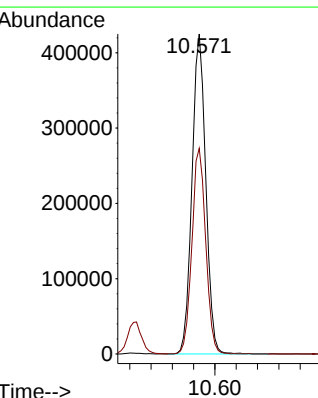
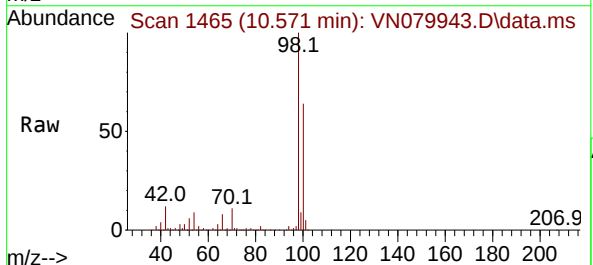
Acq: 07 Nov 2023 03:43

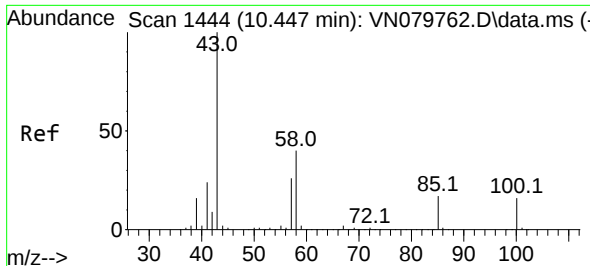
Tgt Ion: 98 Resp: 760248

Ion Ratio Lower Upper

98 100

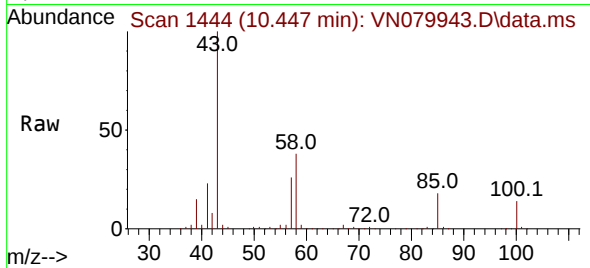
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 112.848 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

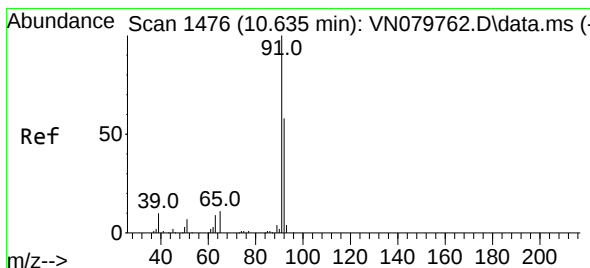
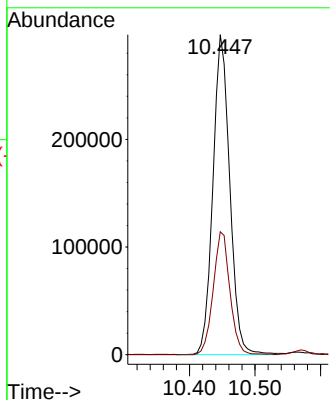
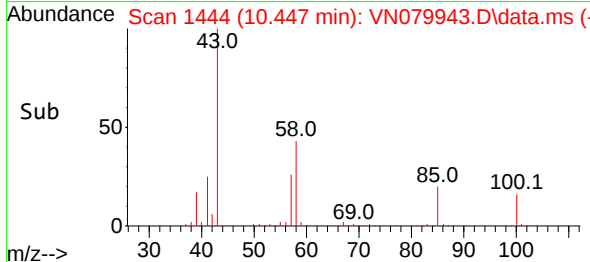
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion: 43 Resp: 530604
Ion Ratio Lower Upper
43 100
58 38.1 36.6 54.8

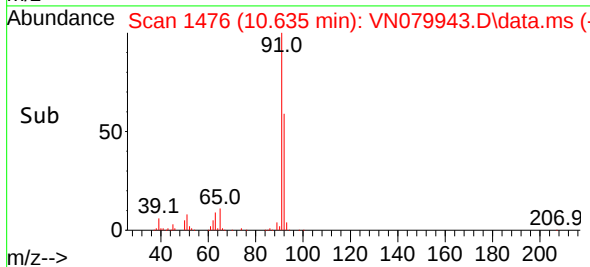
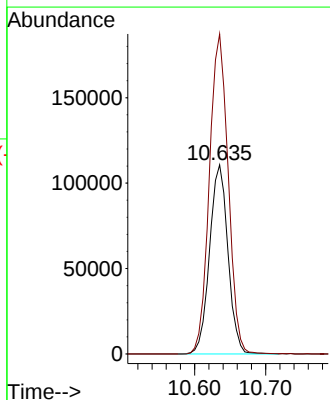
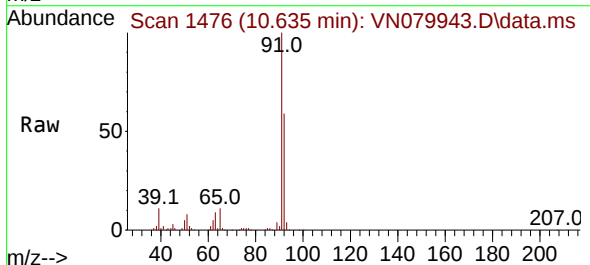
Manual Integrations
APPROVED

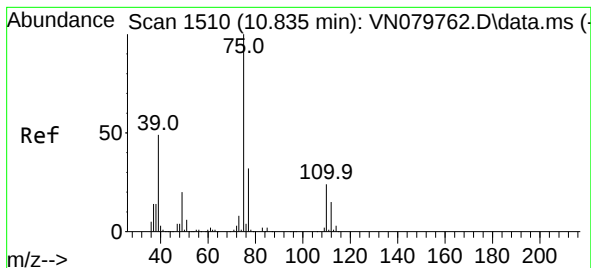
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#52
Toluene
Concen: 21.545 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 92 Resp: 198656
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





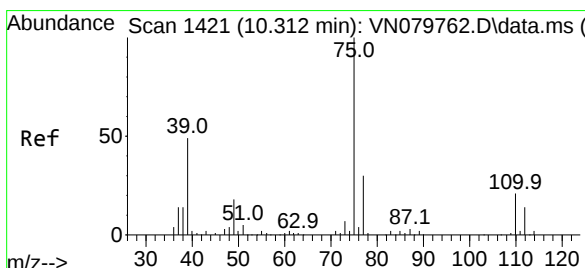
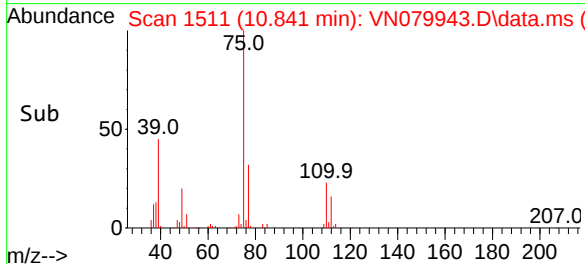
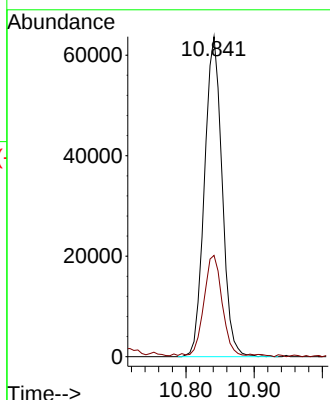
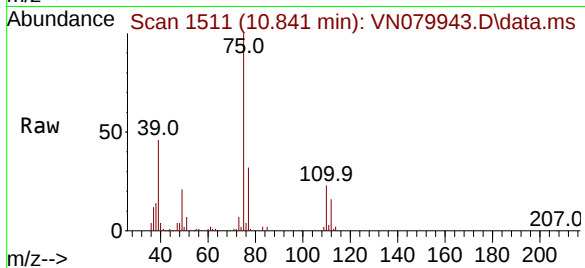
#53
t-1,3-Dichloropropene
Concen: 20.159 ug/l
RT: 10.841 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 75 Resp: 11438
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

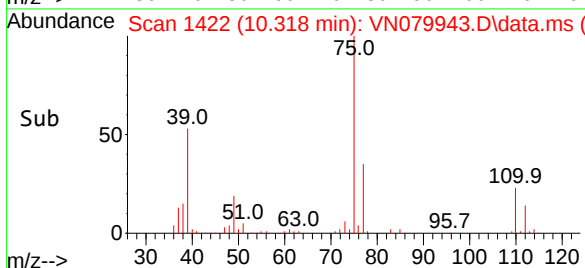
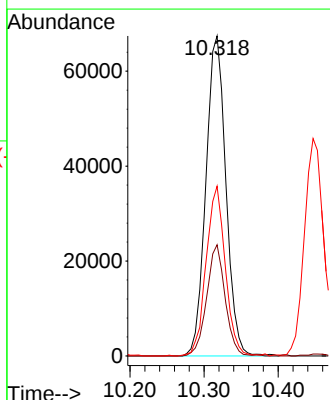
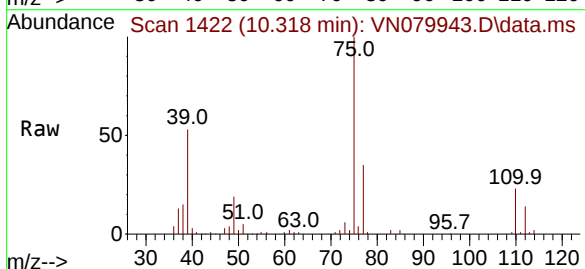
Manual Integrations
APPROVED

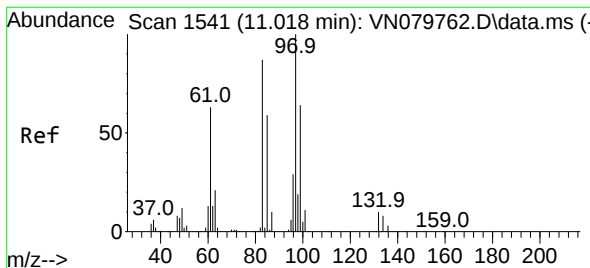
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#54
cis-1,3-Dichloropropene
Concen: 20.475 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

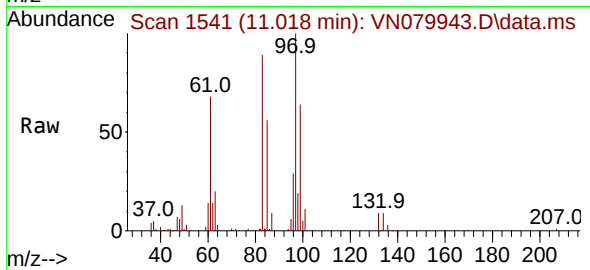
Tgt Ion: 75 Resp: 126629
Ion Ratio Lower Upper
75 100
77 34.7 26.1 39.1
39 53.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.166 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

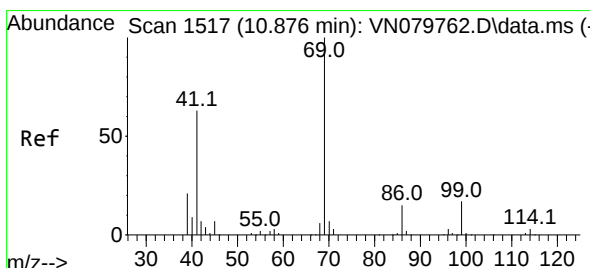
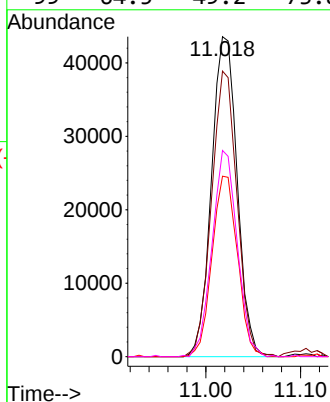
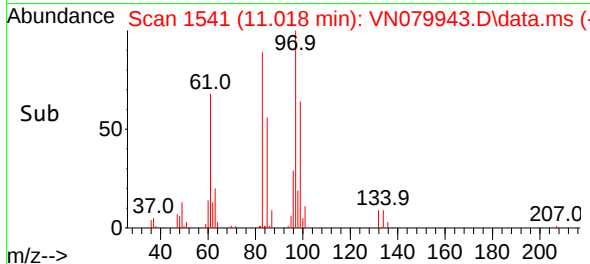
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	65.1	97.7
85	56.4	43.4	65.2
99	64.5	49.2	73.8

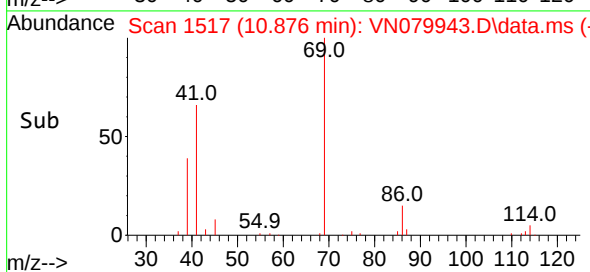
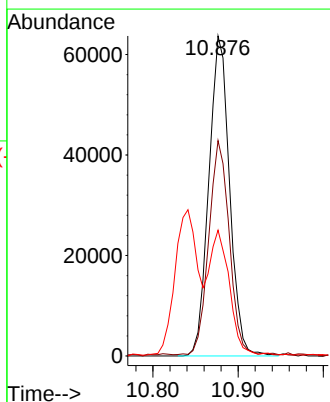
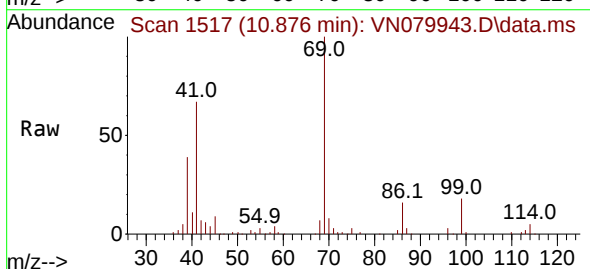
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#56
Ethyl methacrylate
Concen: 20.355 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

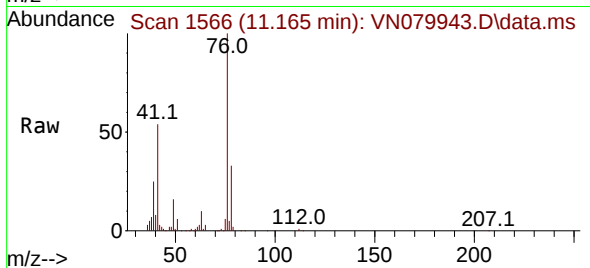
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.3	39.6	59.4
39	38.0	28.6	43.0





#57
1,3-Dichloropropane
Concen: 21.697 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

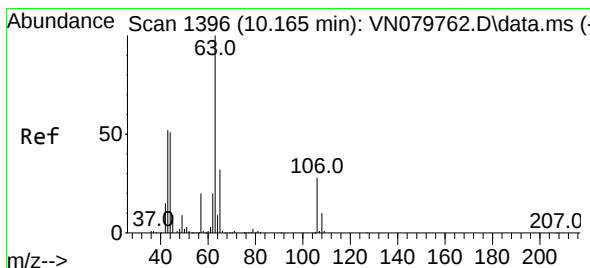
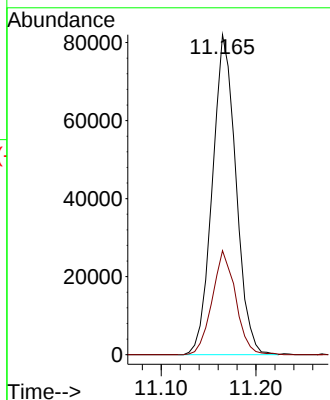
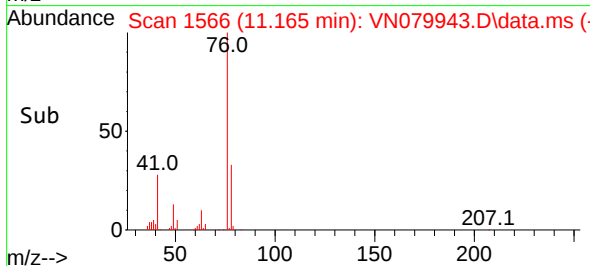
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



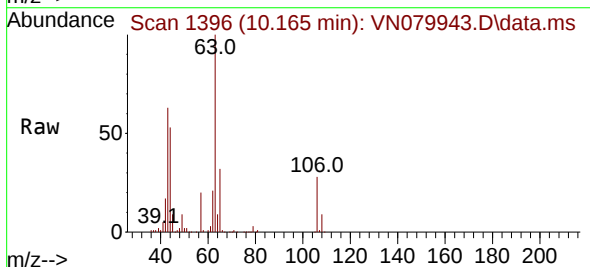
Tgt Ion: 76 Resp: 141836
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations
APPROVED

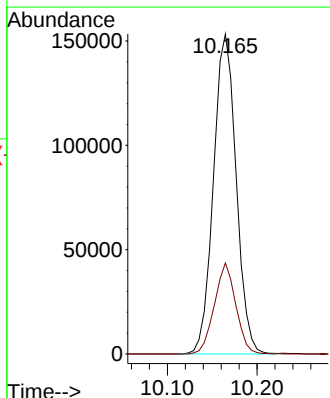
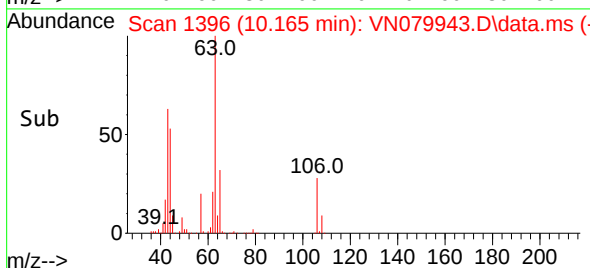
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

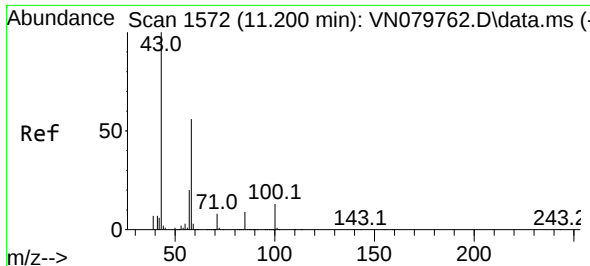


#58
2-Chloroethyl Vinyl ether
Concen: 100.460 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



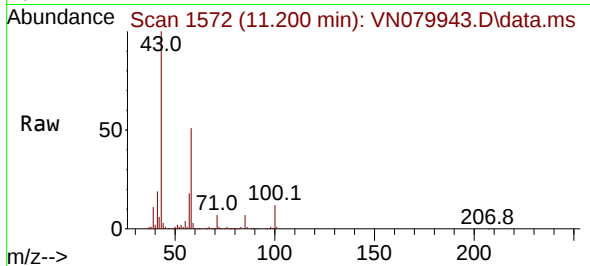
Tgt Ion: 63 Resp: 269347
Ion Ratio Lower Upper
63 100
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 103.842 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

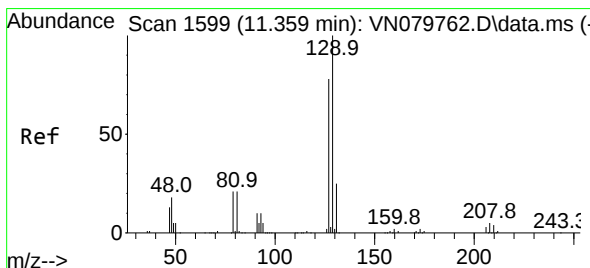
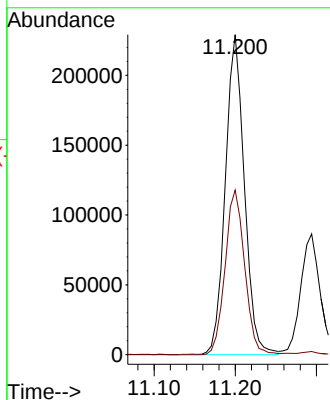
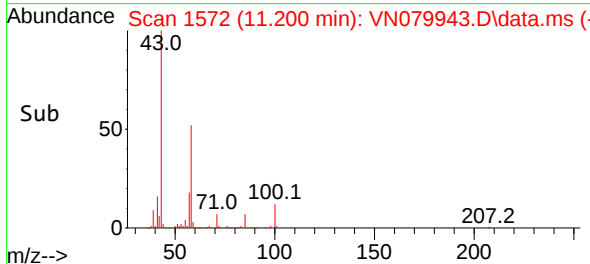
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



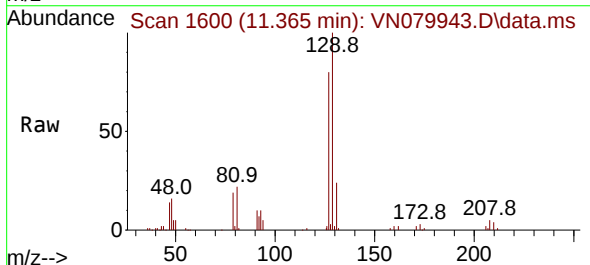
Tgt Ion: 43 Resp: 37351
Ion Ratio Lower Upper
43 100
58 52.9 31.7 95.1

Manual Integrations
APPROVED

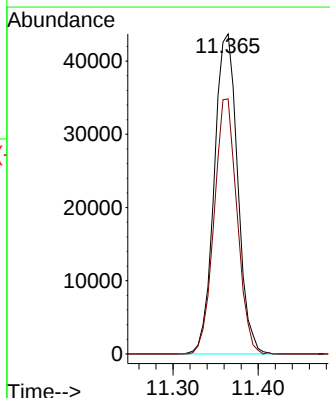
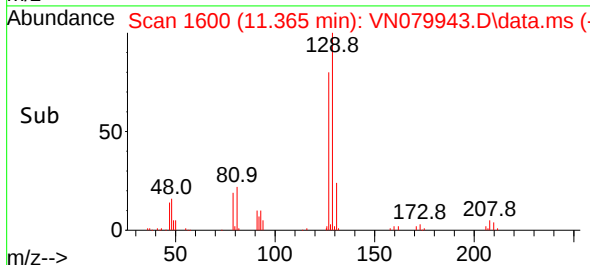
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#60
Dibromochloromethane
Concen: 20.996 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



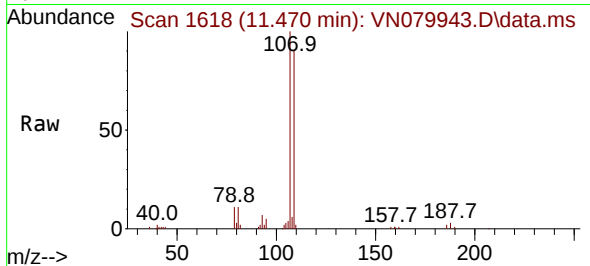
Tgt Ion:129 Resp: 83349
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.625 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

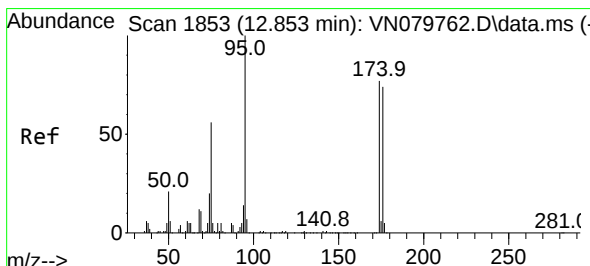
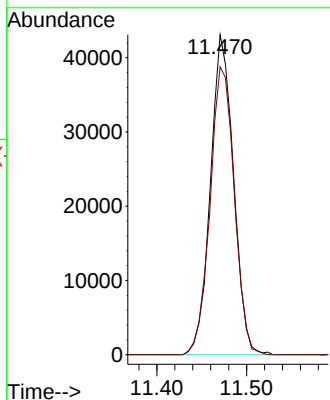
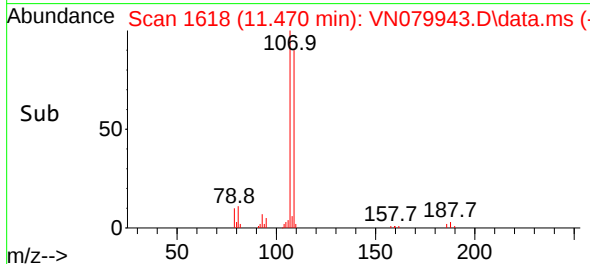
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



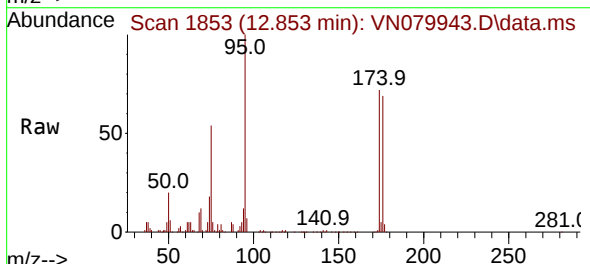
Tgt Ion:107 Resp: 7677
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

Manual Integrations
APPROVED

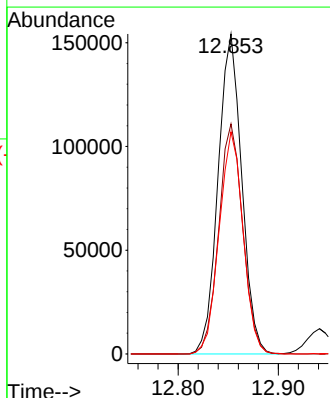
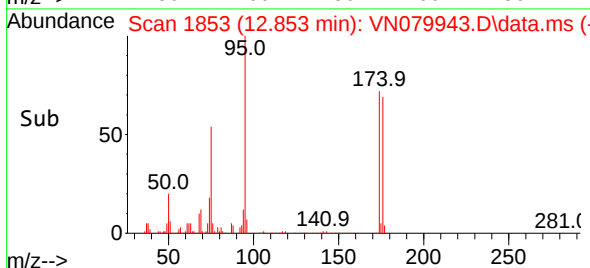
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

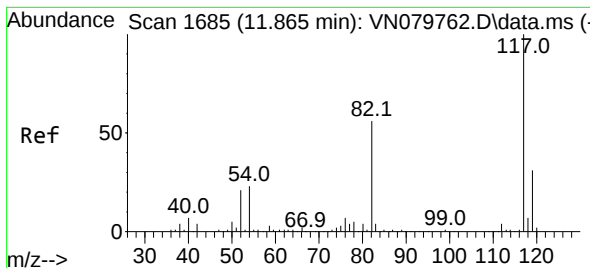


#62
4-Bromofluorobenzene
Concen: 56.993 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



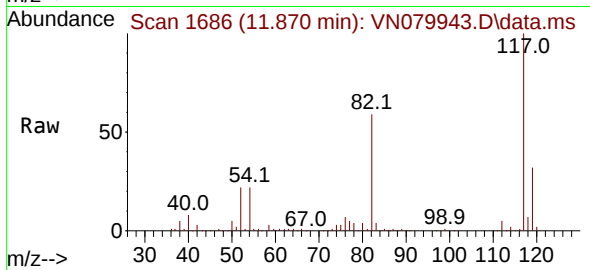
Tgt Ion: 95 Resp: 253061
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 70.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

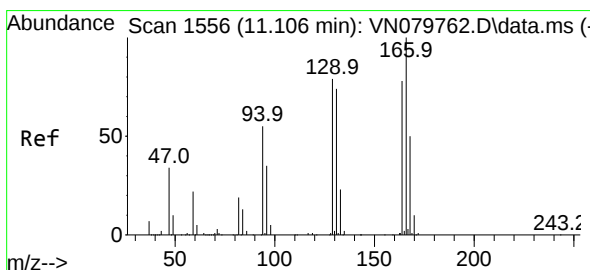
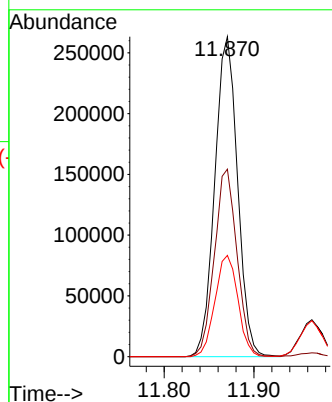
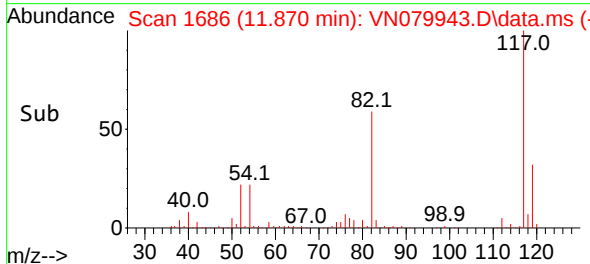
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion:117 Resp: 464320
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.7 25.6 38.4

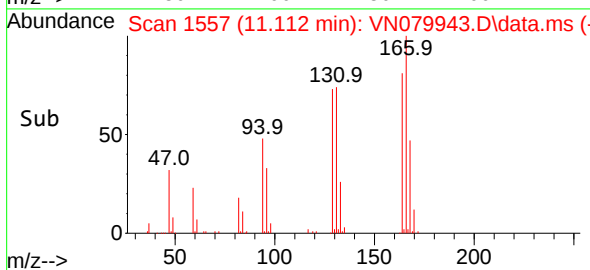
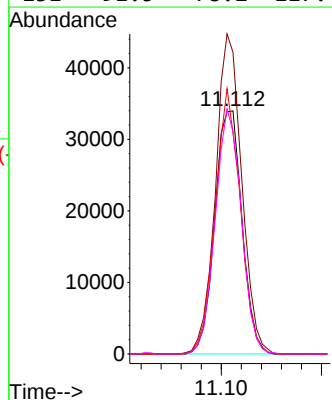
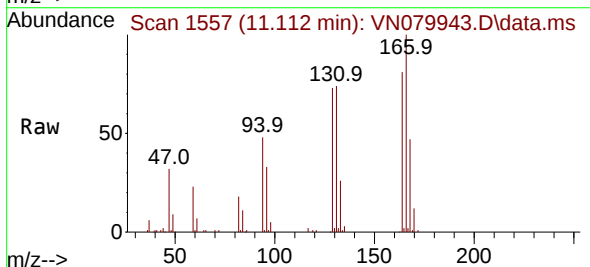
Manual Integrations
APPROVED

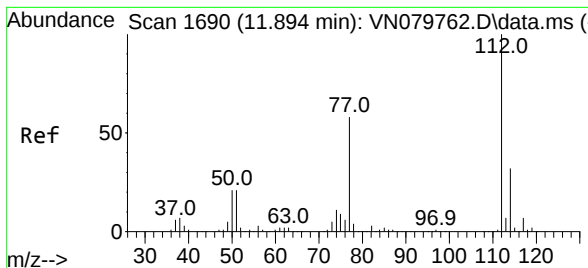
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#64
Tetrachloroethene
Concen: 21.322 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

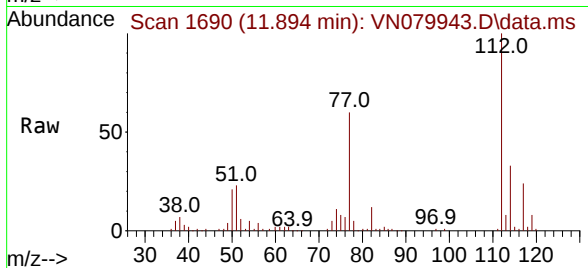
Tgt Ion:164 Resp: 64118
Ion Ratio Lower Upper
164 100
166 124.1 101.4 152.0
129 90.8 82.4 123.6
131 91.5 78.2 117.4





#65
Chlorobenzene
Concen: 20.308 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

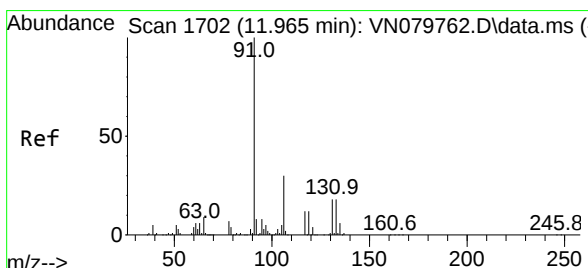
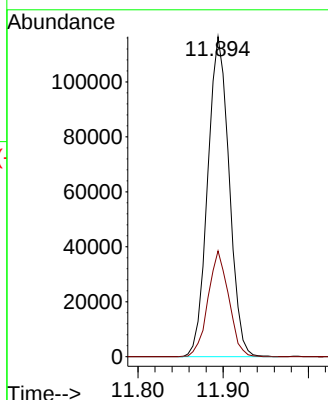
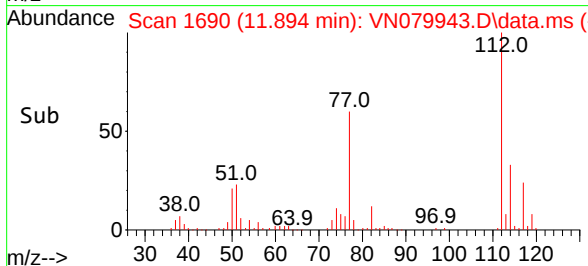
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



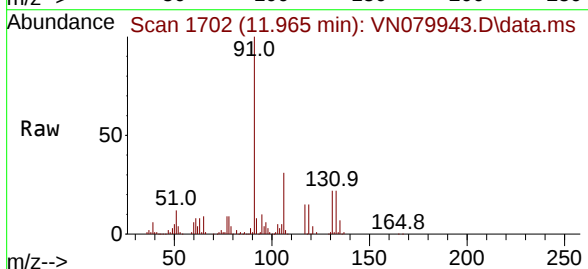
Tgt Ion:112 Resp: 204540
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

Manual Integrations
APPROVED

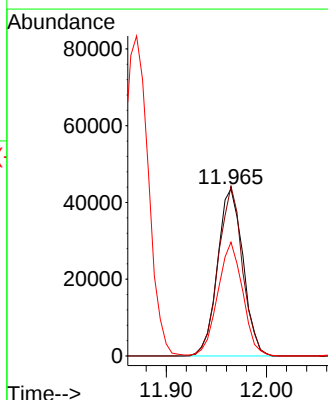
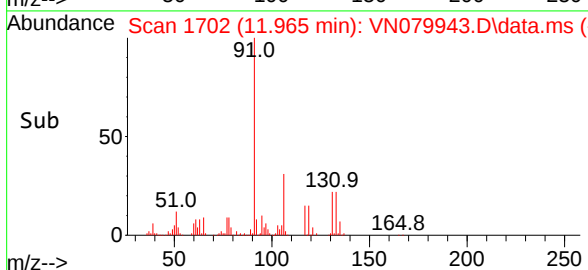
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

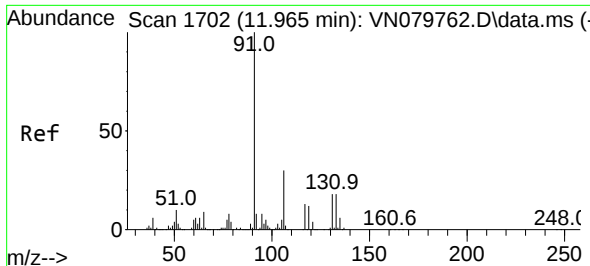


#66
1,1,1,2-Tetrachloroethane
Concen: 21.242 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



Tgt Ion:131 Resp: 77084
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 19.781 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 91 Resp: 34712

Ion Ratio Lower Upper

91 100

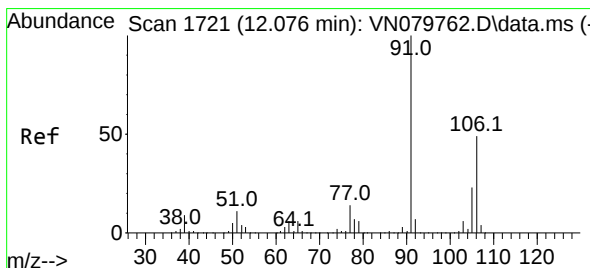
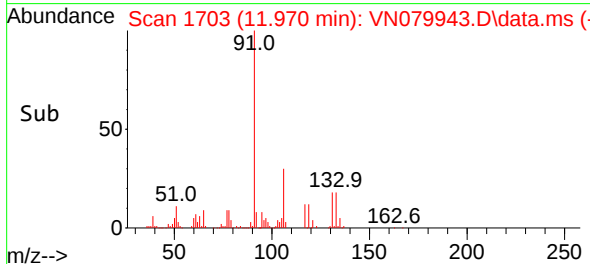
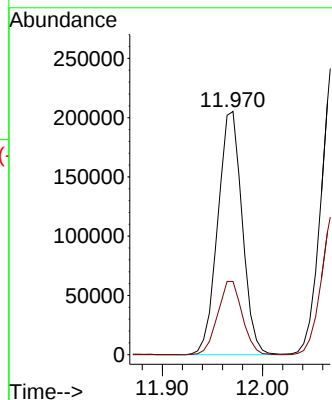
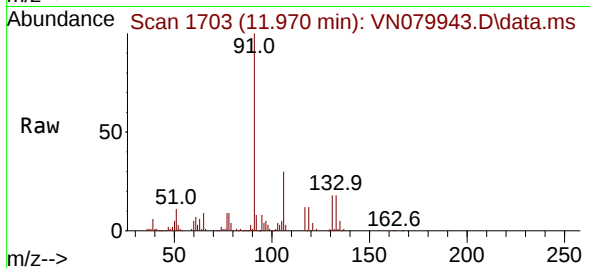
106 30.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#68

m/p-Xylenes

Concen: 40.365 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN079943.D

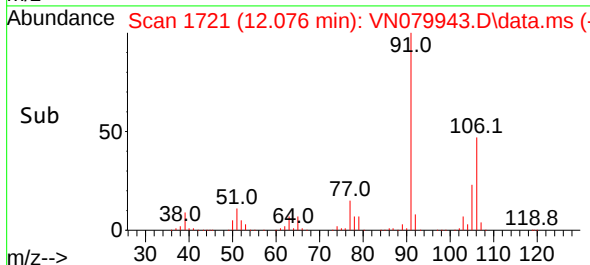
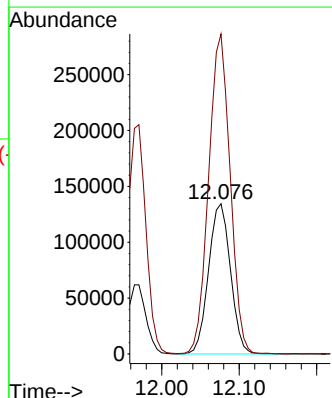
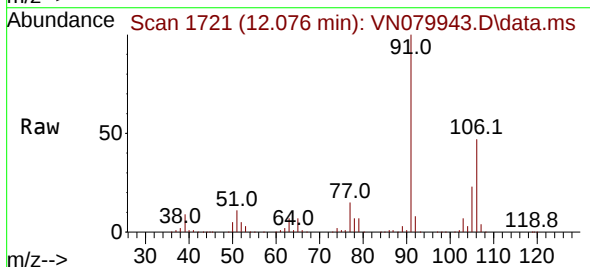
Acq: 07 Nov 2023 03:43

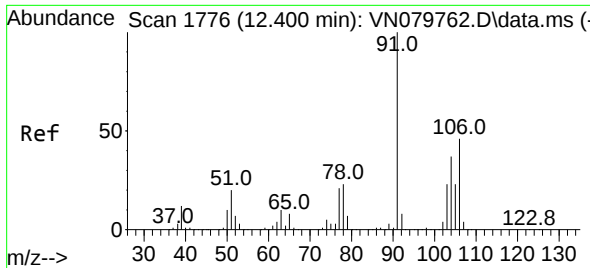
Tgt Ion:106 Resp: 263861

Ion Ratio Lower Upper

106 100

91 209.3 159.6 239.4





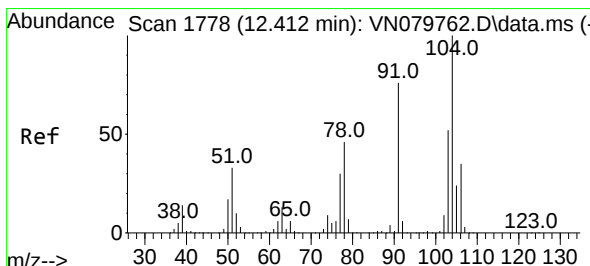
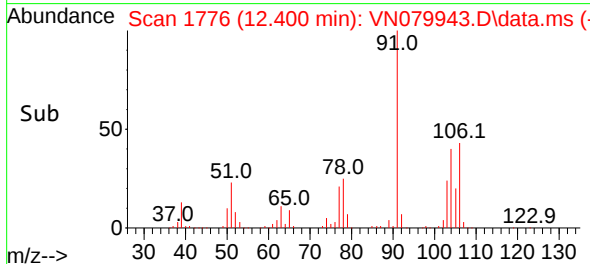
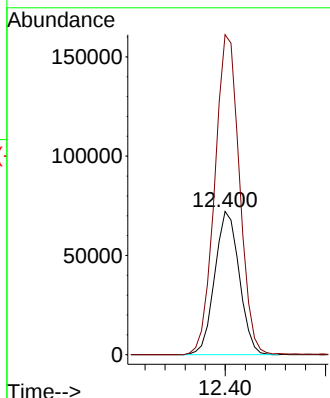
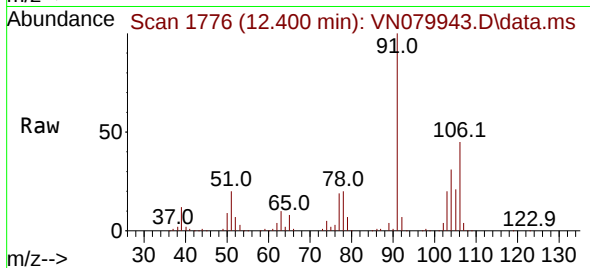
#69
o-Xylene
Concen: 19.452 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion:106 Resp: 12244
Ion Ratio Lower Upper
106 100
91 226.0 105.2 315.5

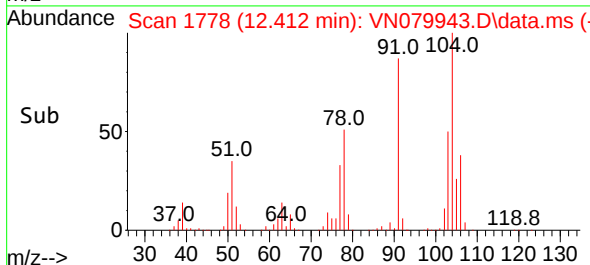
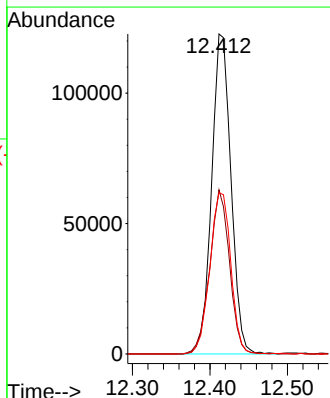
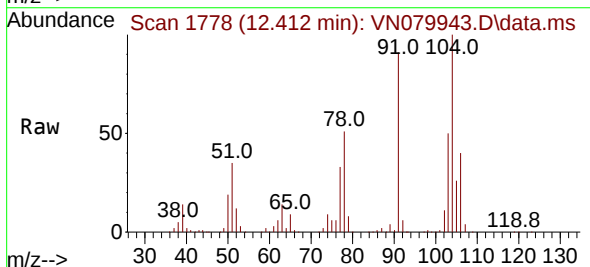
Manual Integrations
APPROVED

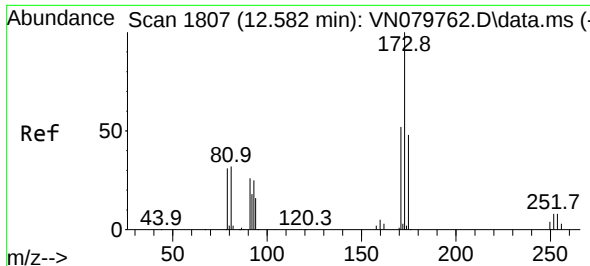
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#70
Styrene
Concen: 21.027 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

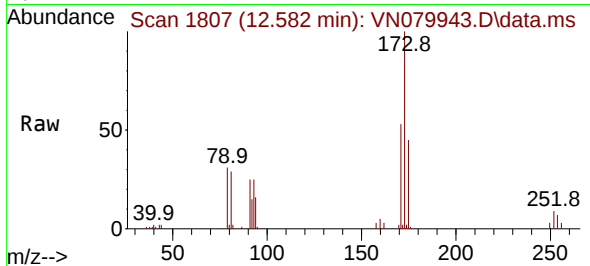
Tgt Ion:104 Resp: 212716
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 54.6 43.2 64.8





#71
Bromoform
Concen: 21.790 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

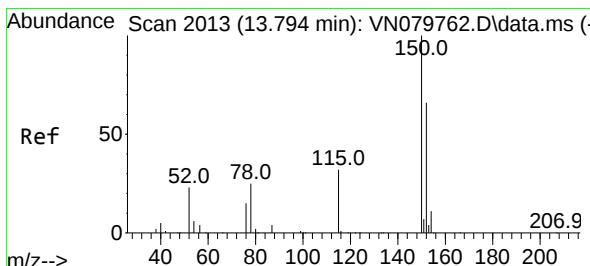
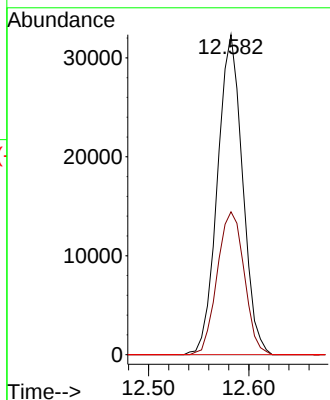
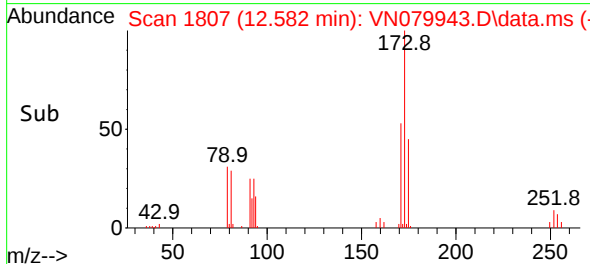
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



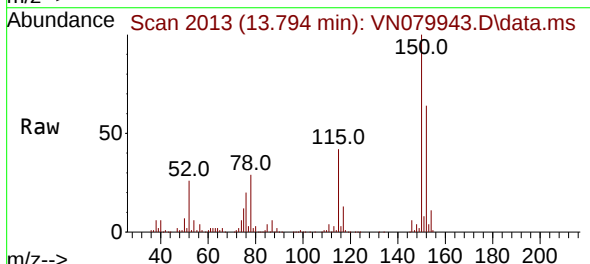
Tgt Ion:173 Resp: 56149
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

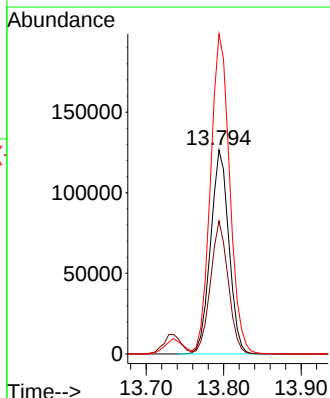
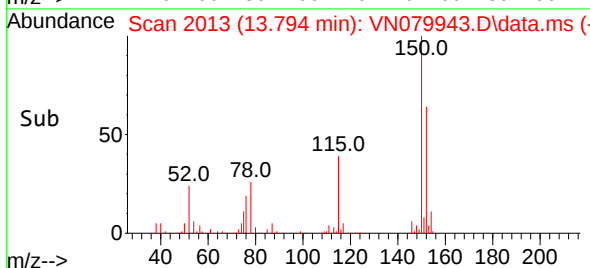
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

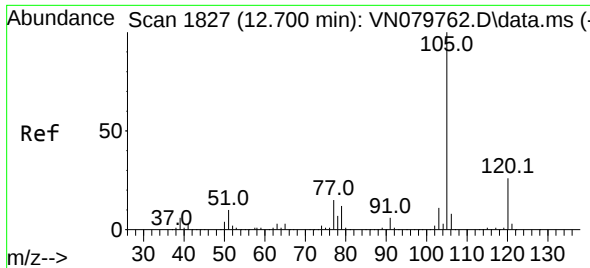


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



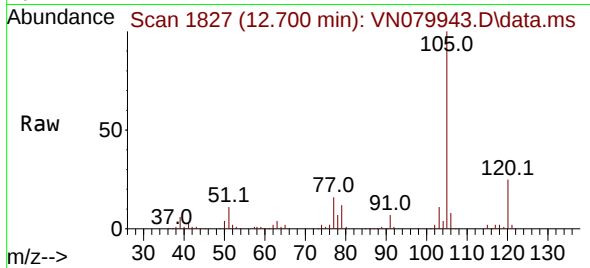
Tgt Ion:152 Resp: 207738
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 164.3 0.0 355.8





#73
Isopropylbenzene
Concen: 19.646 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

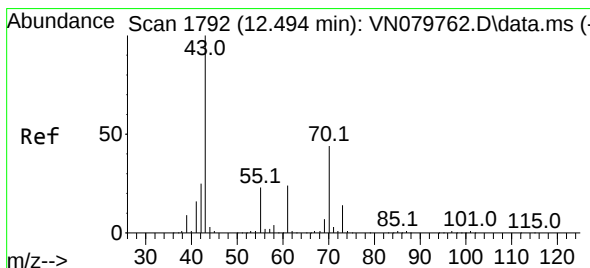
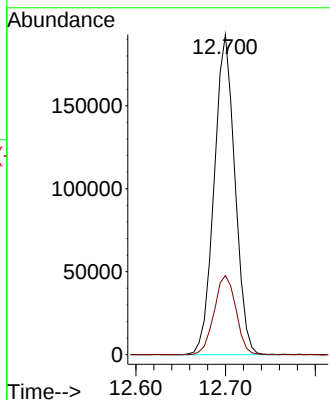
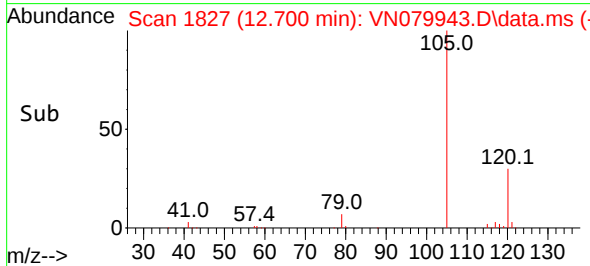
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



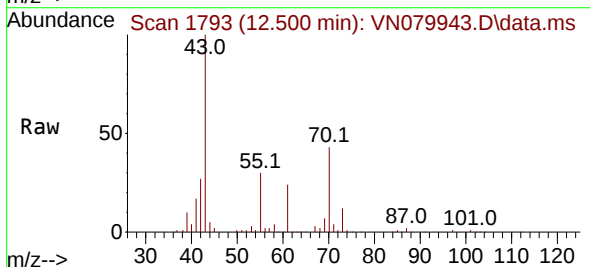
Tgt Ion:105 Resp: 30974
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

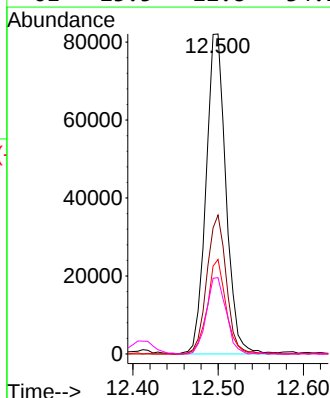
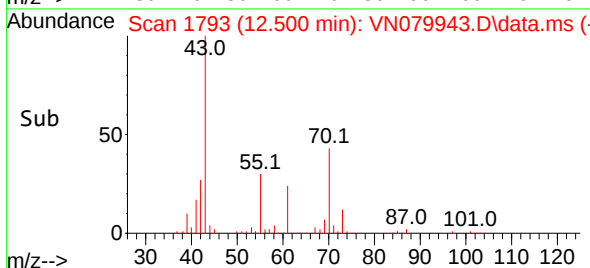
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

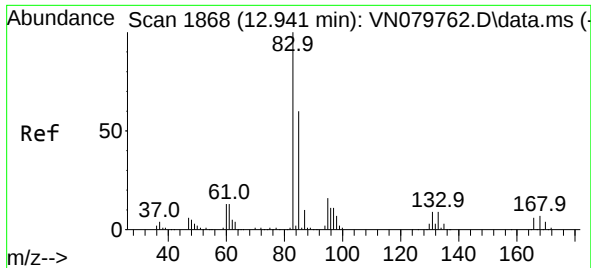


#74
N-ethyl acetate
Concen: 19.408 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



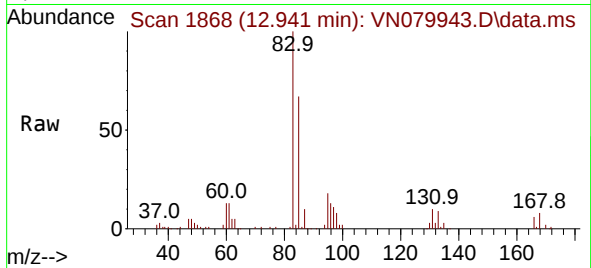
Tgt Ion: 43 Resp: 133563
Ion Ratio Lower Upper
43 100
70 42.3 43.4 65.2#
55 28.0 21.4 32.0
61 23.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.981 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

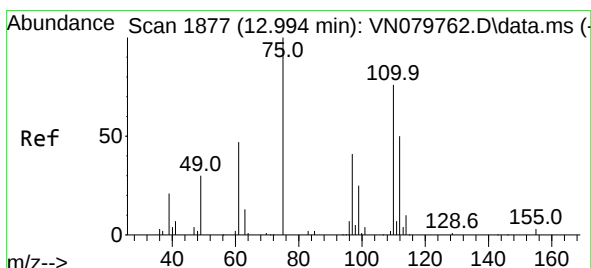
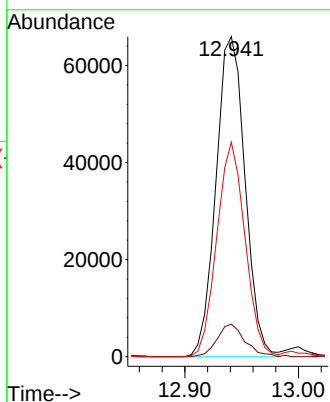
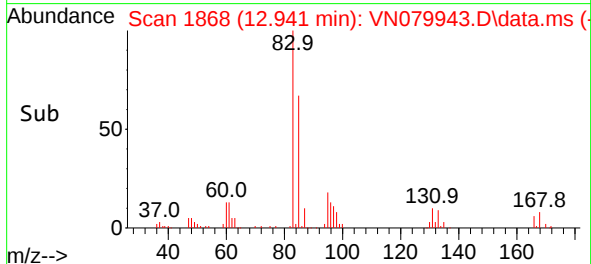
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion: 83 Resp: 117284
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.9 31.9 95.7

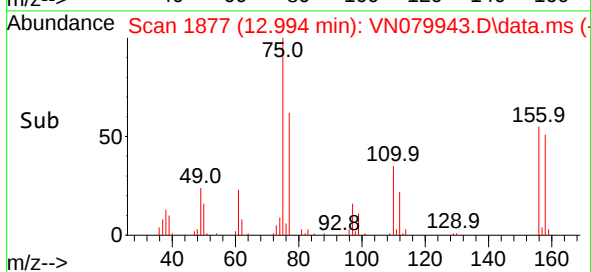
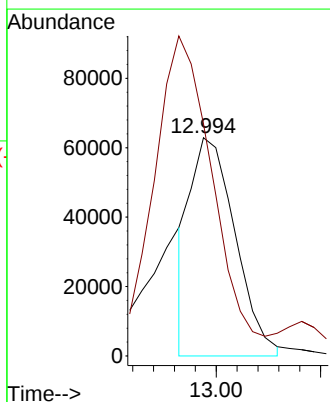
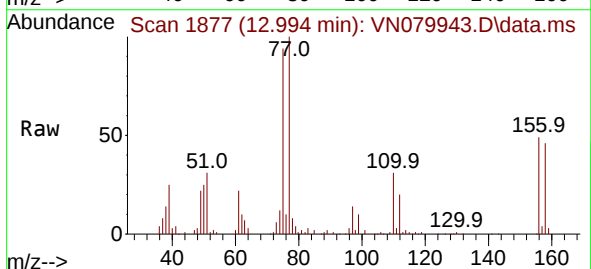
Manual Integrations
APPROVED

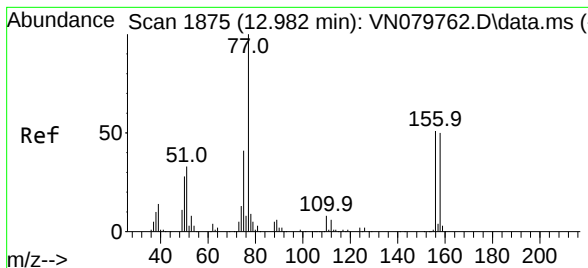
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#76
1,2,3-Trichloropropane
Concen: 19.229 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 75 Resp: 93781
Ion Ratio Lower Upper
75 100
77 194.4 84.5 253.5





#77

Bromobenzene

Concen: 20.420 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

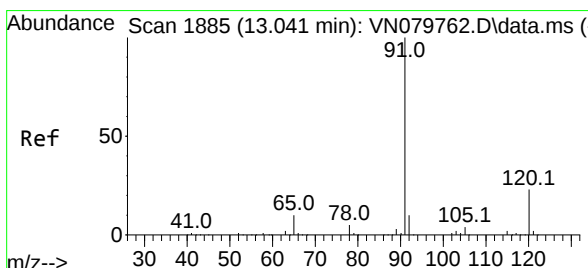
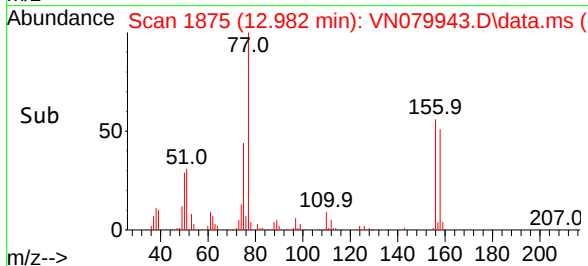
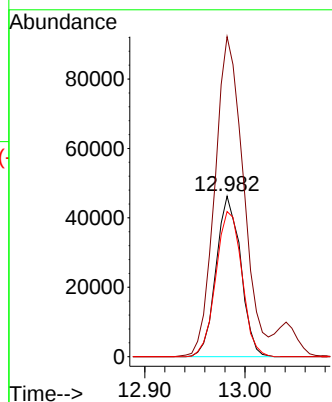
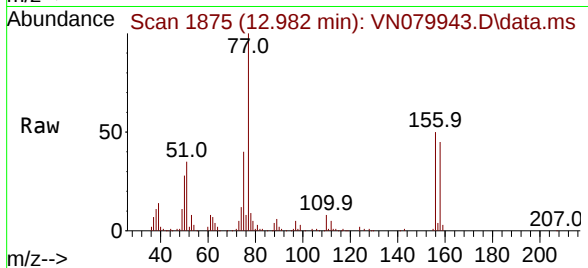
Tgt Ion:	156	Resp:	7882
Ion Ratio	Lower	Upper	
156	100		
77	231.3	107.7	323.3
158	95.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#78

n-propylbenzene

Concen: 20.464 ug/l

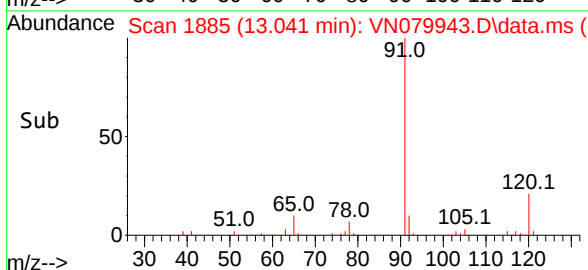
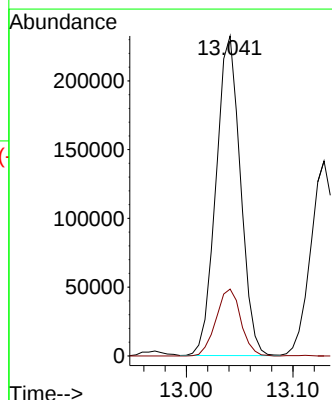
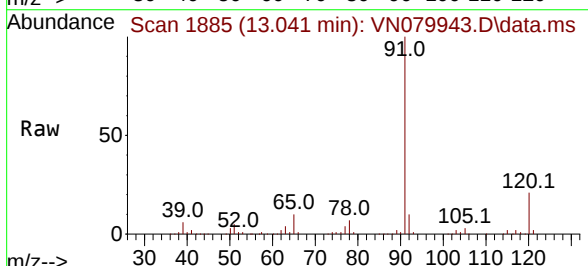
RT: 13.041 min Scan# 1885

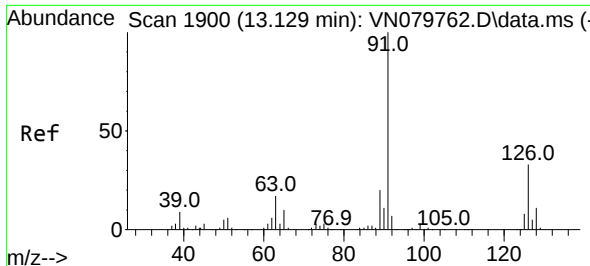
Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Tgt Ion:	91	Resp:	369474
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.5	34.4





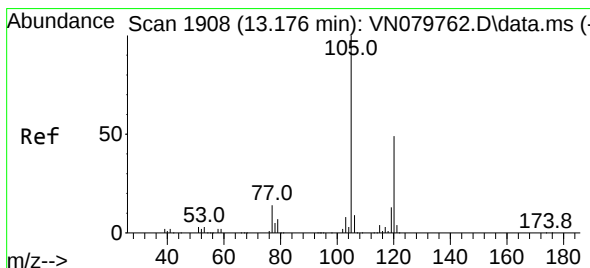
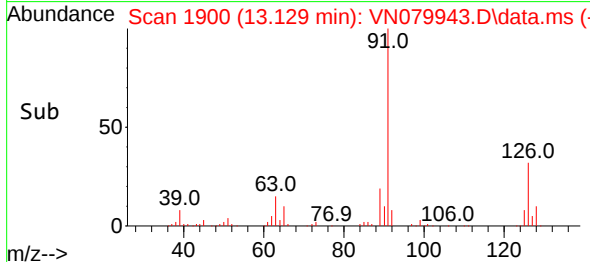
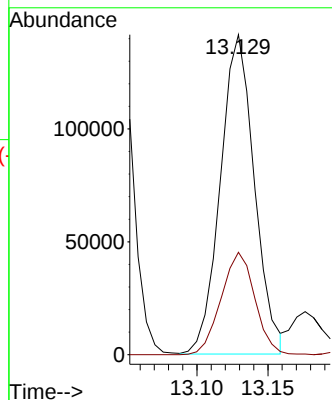
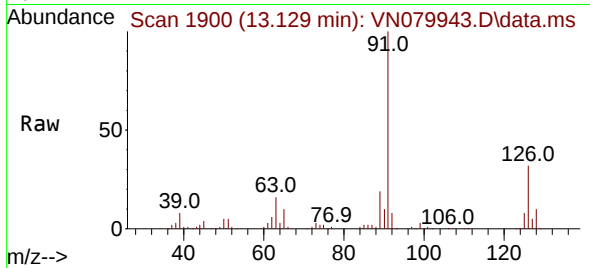
#79
2-Chlorotoluene
Concen: 20.455 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 91 Resp: 23592
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

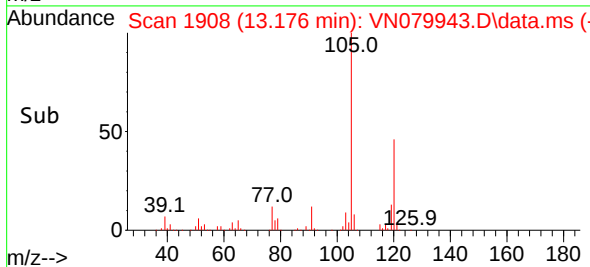
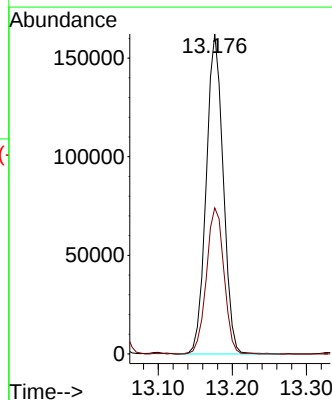
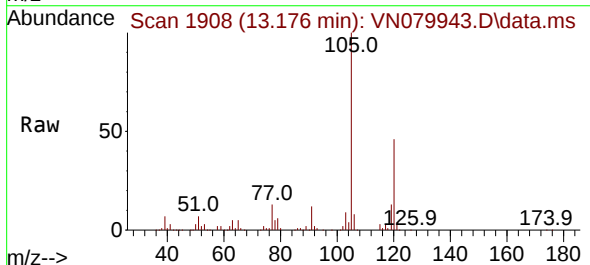
Manual Integrations
APPROVED

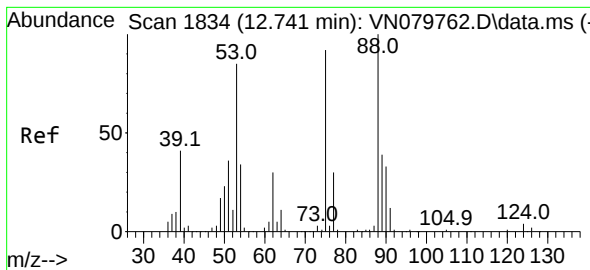
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.024 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion:105 Resp: 257892
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





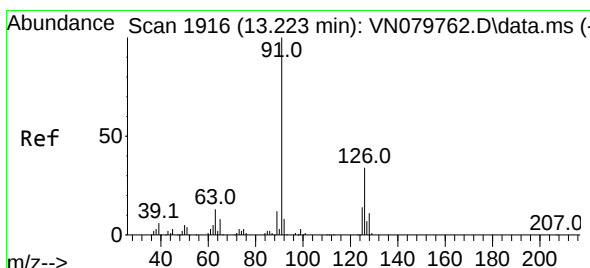
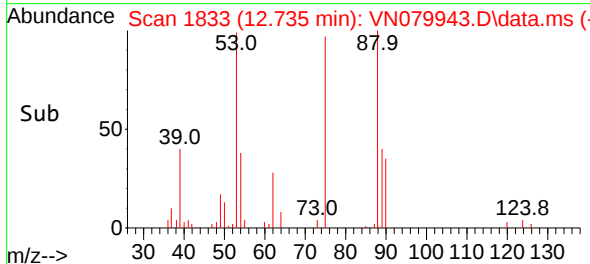
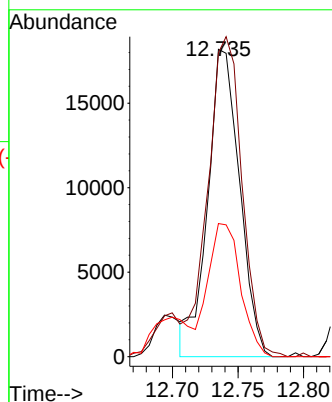
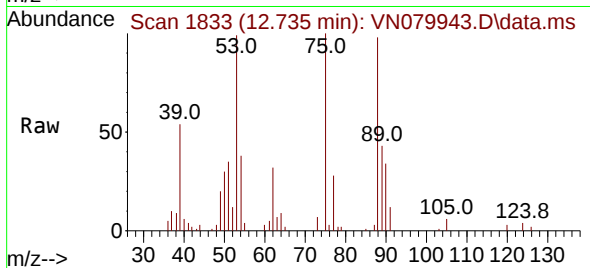
#81
trans-1,4-Dichloro-2-butene
Concen: 17.215 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 75 Resp: 30859
Ion Ratio Lower Upper
75 100
53 111.5 67.4 101.2
89 43.5 38.8 58.2

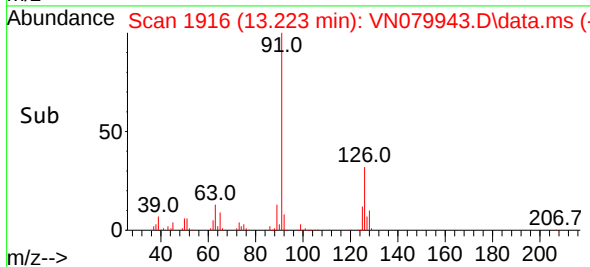
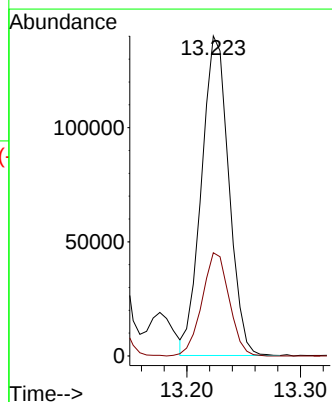
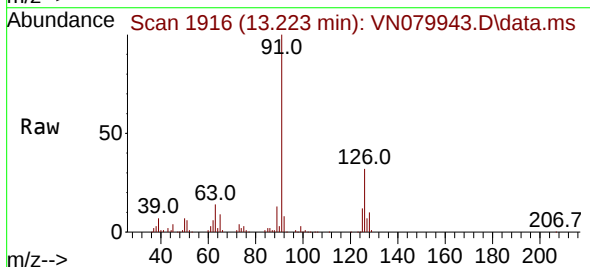
Manual Integrations
APPROVED

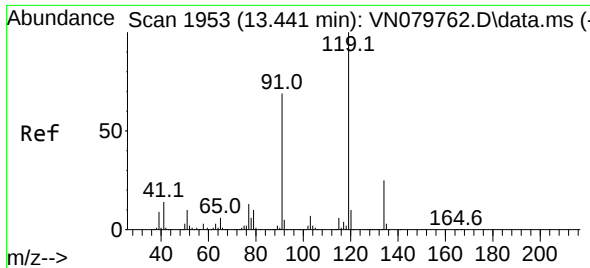
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 20.414 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion: 91 Resp: 233968
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





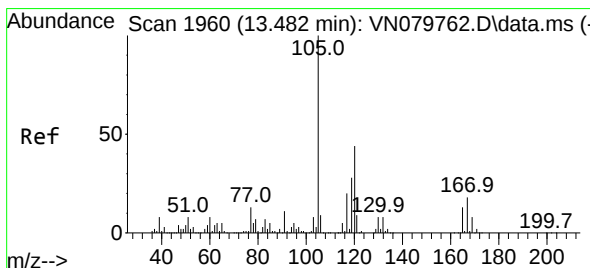
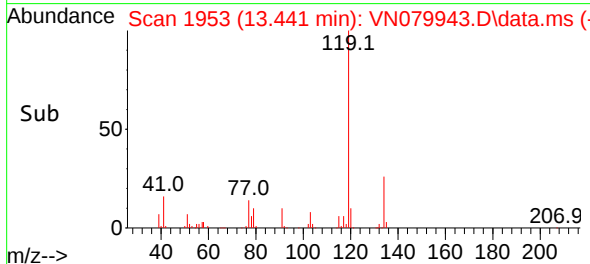
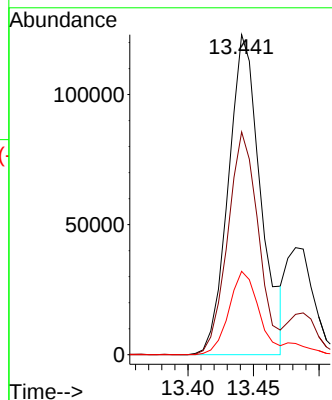
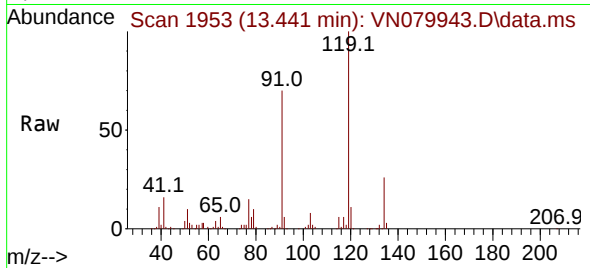
#83
tert-Butylbenzene
Concen: 20.937 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion:119 Resp: 210218
Ion Ratio Lower Upper
119 100
91 66.8 33.9 101.7
134 24.2 13.2 39.6

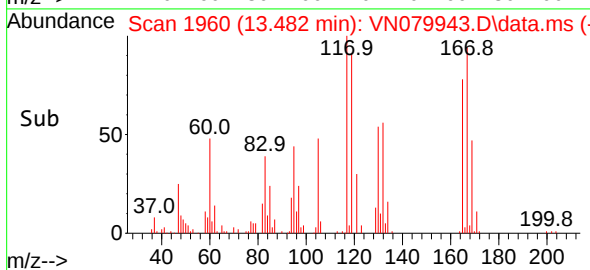
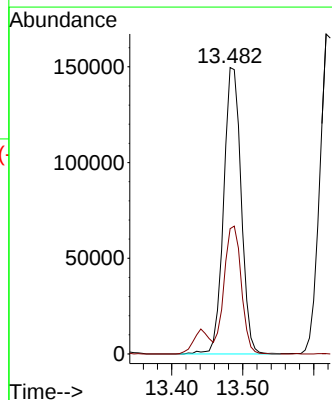
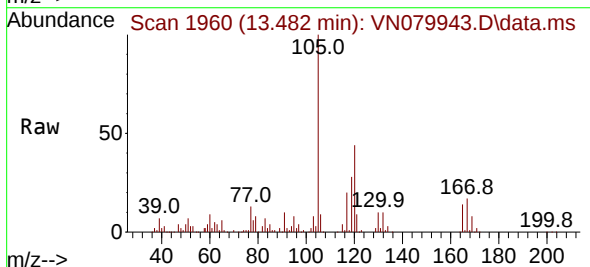
Manual Integrations
APPROVED

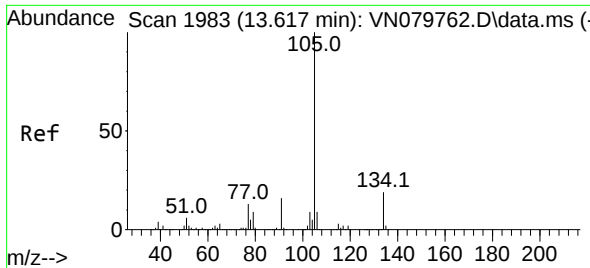
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.151 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion:105 Resp: 255264
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





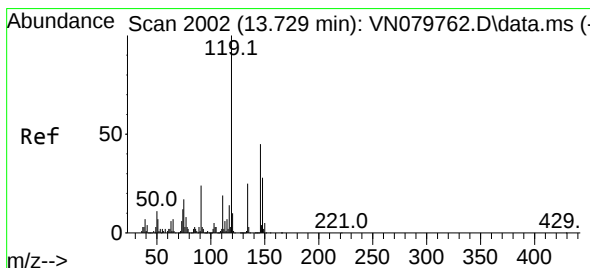
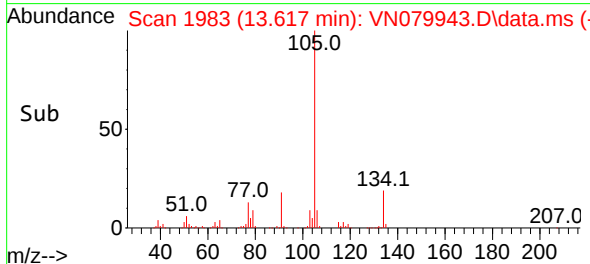
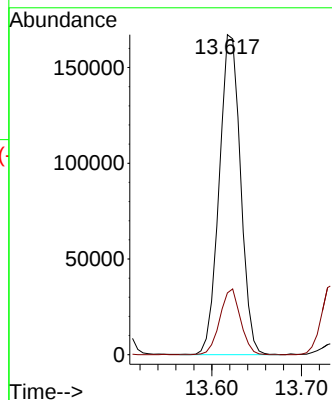
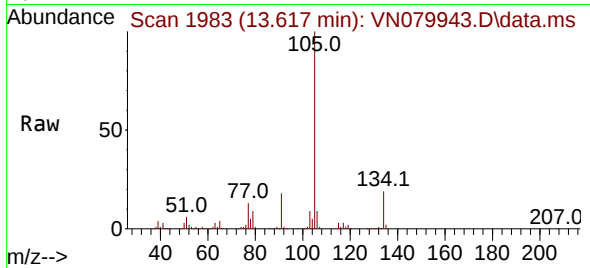
#85
 sec-Butylbenzene
 Concen: 19.862 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Tgt Ion:105 Resp: 276290
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

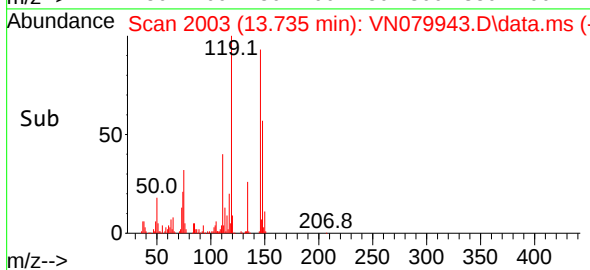
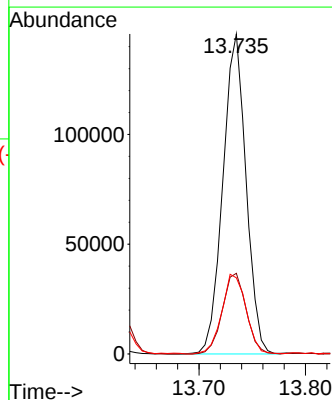
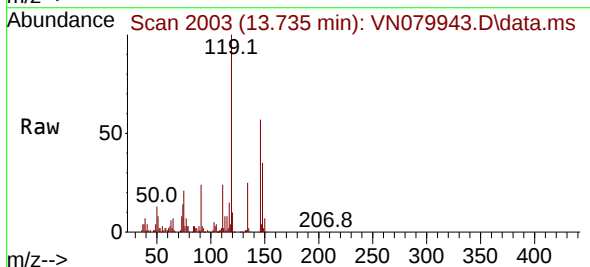
Manual Integrations
 APPROVED

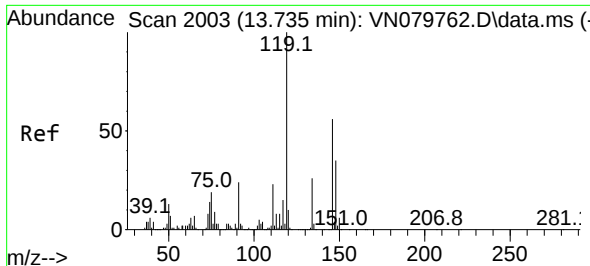
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#86
 p-Isopropyltoluene
 Concen: 19.400 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079943.D
 Acq: 07 Nov 2023 03:43

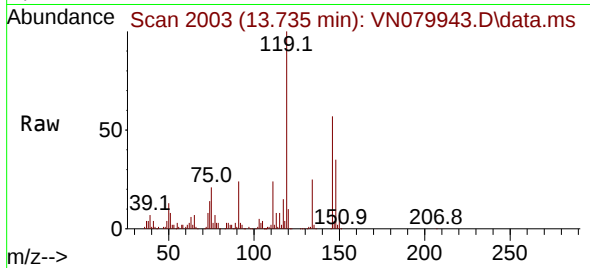
Tgt Ion:119 Resp: 220027
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 26.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.641 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

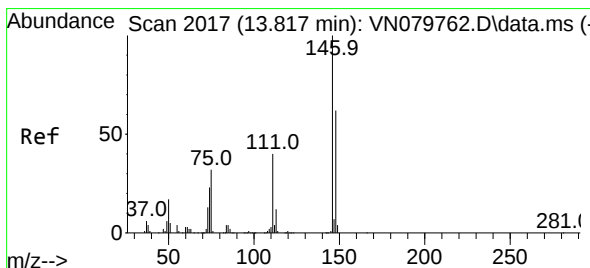
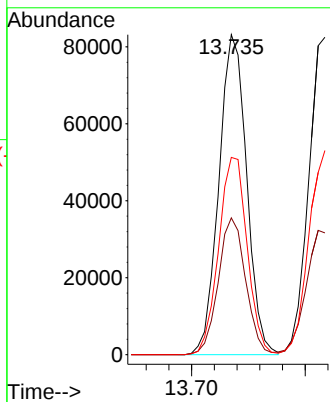
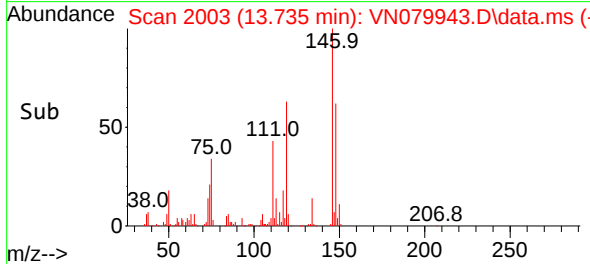
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



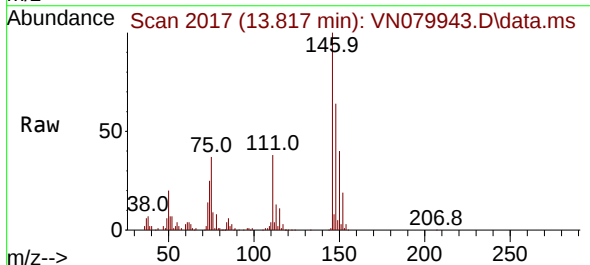
Tgt Ion:146 Resp: 14103
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 63.4 32.0 96.0

Manual Integrations
APPROVED

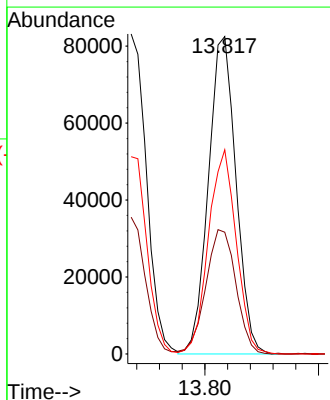
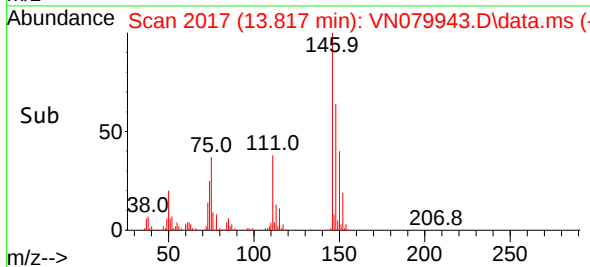
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

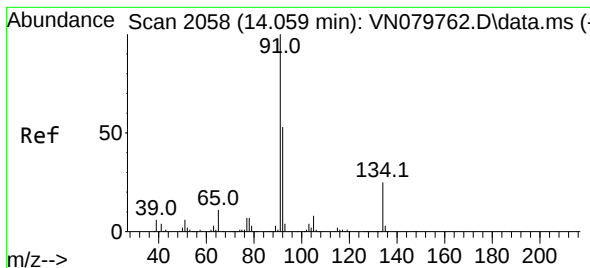


#88
1,4-Dichlorobenzene
Concen: 19.103 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



Tgt Ion:146 Resp: 139234
Ion Ratio Lower Upper
146 100
111 42.9 20.6 61.8
148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 17.762 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

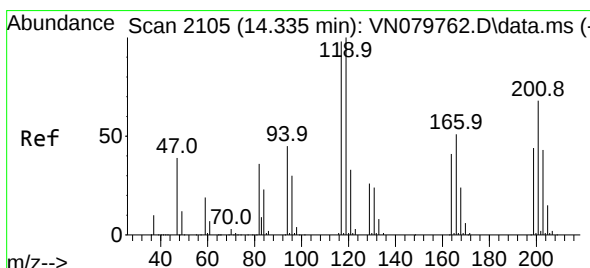
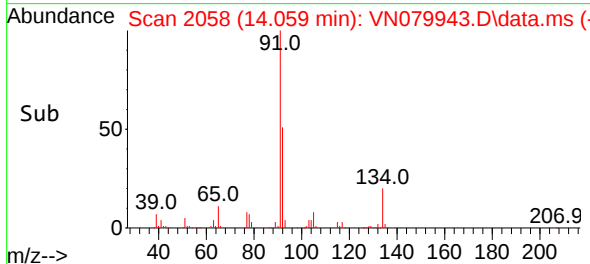
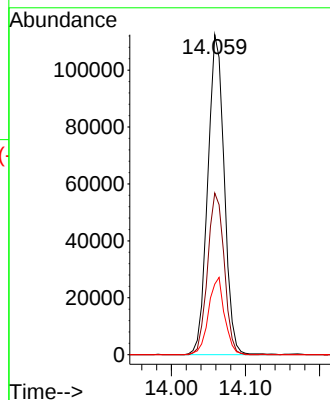
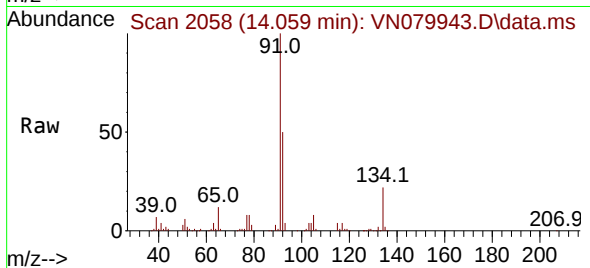
Tgt Ion:	91	Resp:	17350
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.4	79.0
134	23.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#90

Hexachloroethane

Concen: 20.952 ug/l

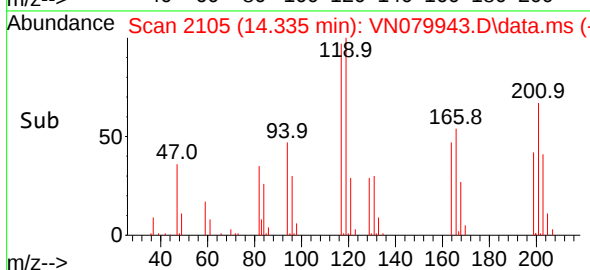
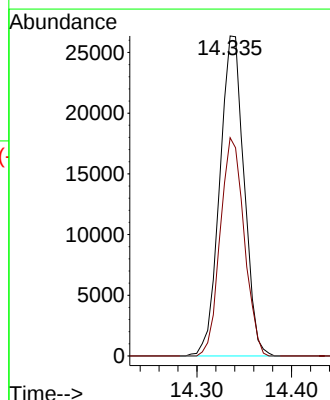
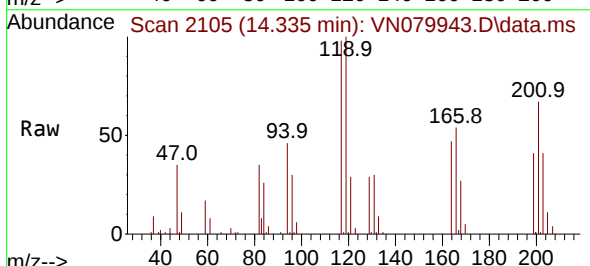
RT: 14.335 min Scan# 2105

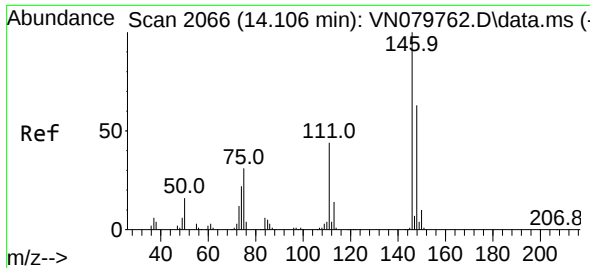
Delta R.T. 0.000 min

Lab File: VN079943.D

Acq: 07 Nov 2023 03:43

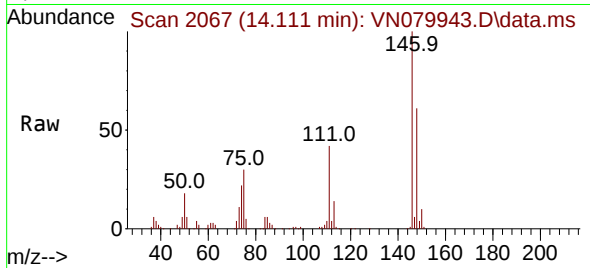
Tgt Ion:	117	Resp:	47061
Ion	Ratio	Lower	Upper
117	100		
201	67.1	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 20.872 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

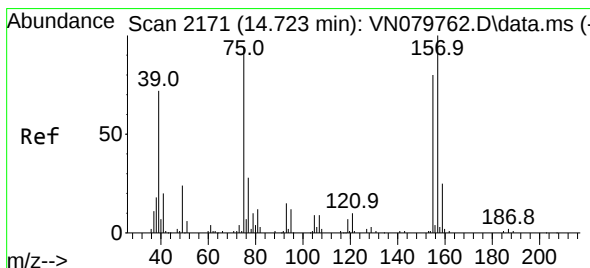
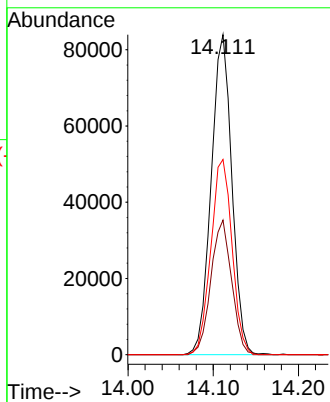
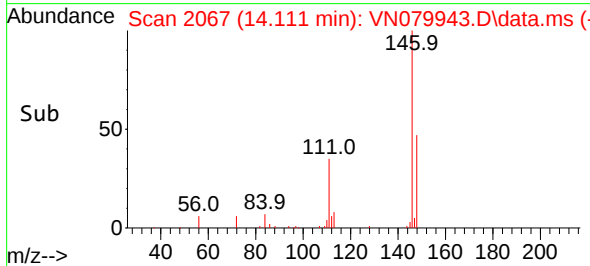
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion:146 Resp: 14148
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 62.6 31.8 95.3

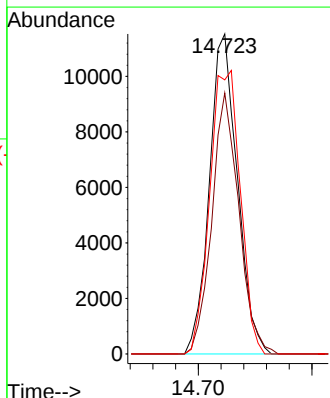
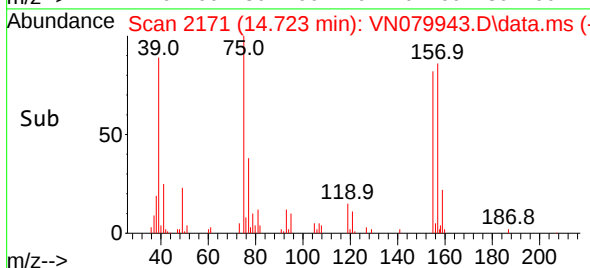
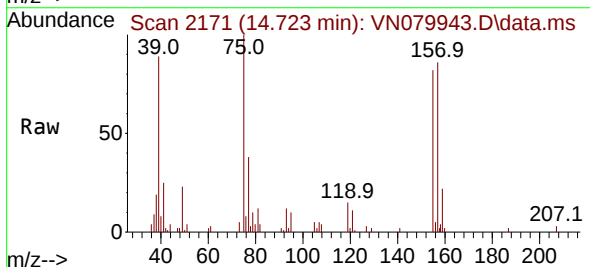
Manual Integrations
APPROVED

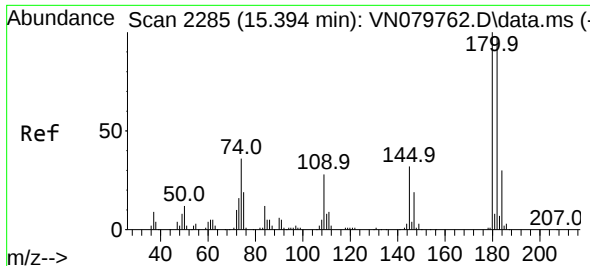
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.824 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

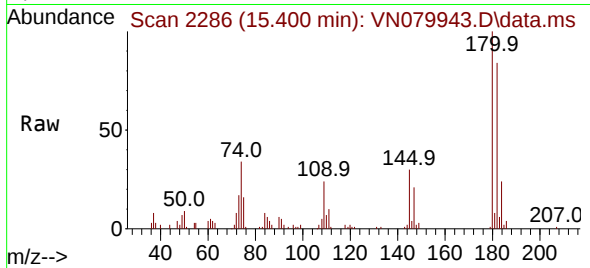
Tgt Ion: 75 Resp: 19740
Ion Ratio Lower Upper
75 100
155 78.8 39.1 117.2
157 96.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.559 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

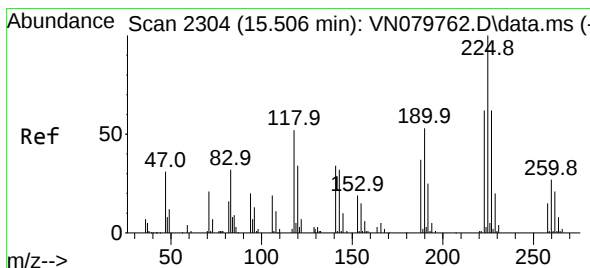
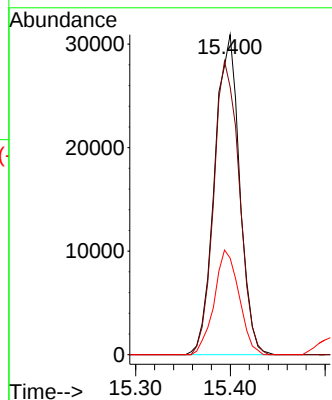
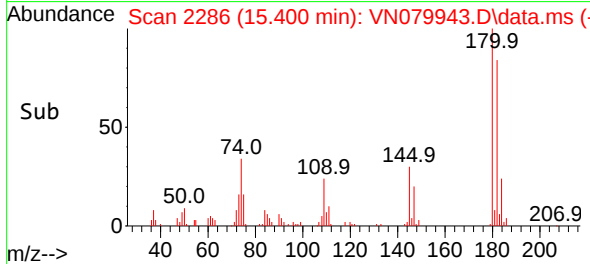
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



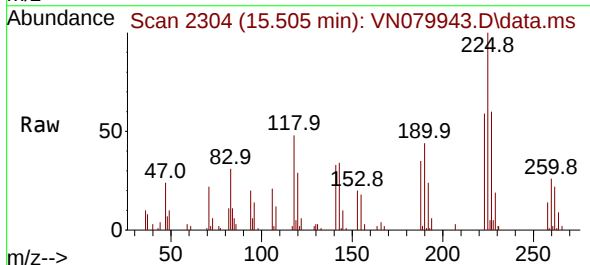
Tgt Ion:180 Resp: 5659
Ion Ratio Lower Upper
180 100
182 93.7 46.1 138.2
145 32.5 16.6 49.8

Manual Integrations
APPROVED

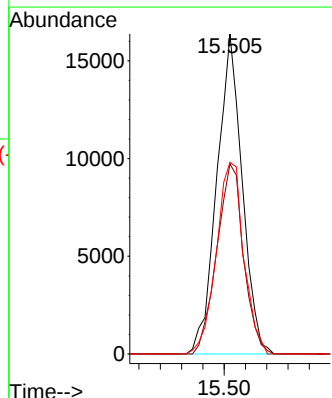
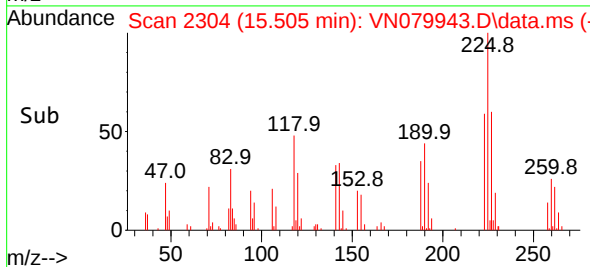
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

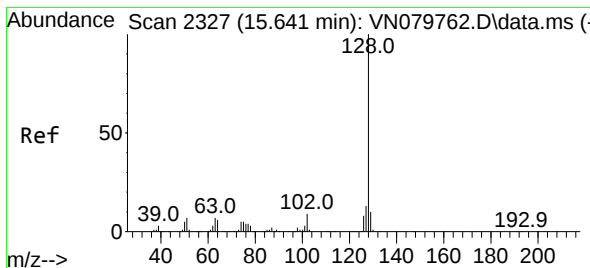


#94
Hexachlorobutadiene
Concen: 18.470 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43



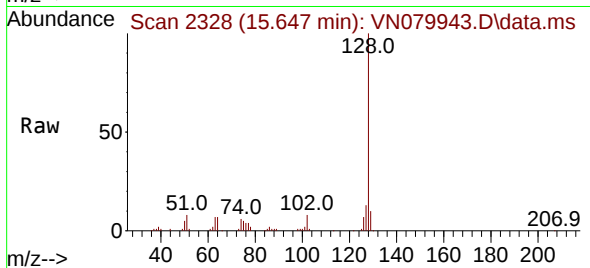
Tgt Ion:225 Resp: 26987
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 15.098 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

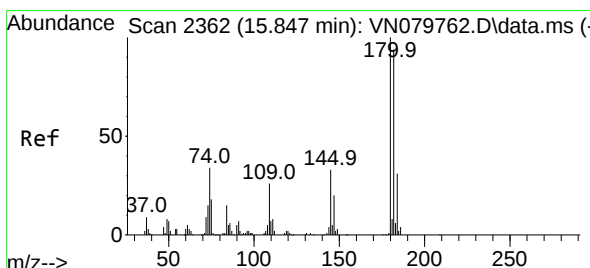
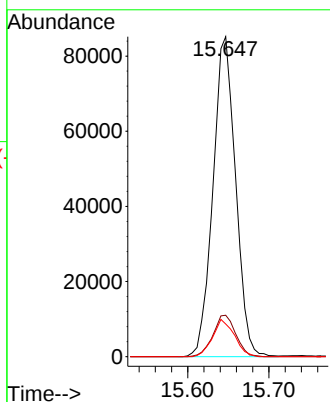
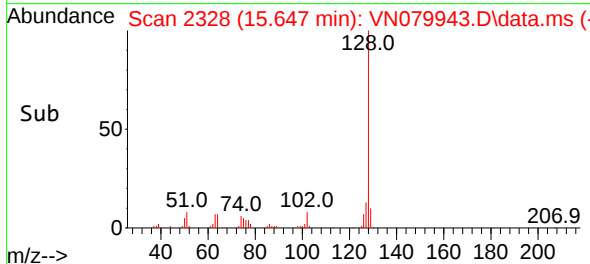
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02



Tgt Ion:128 Resp: 165020
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.148 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079943.D
Acq: 07 Nov 2023 03:43

Tgt Ion:180 Resp: 57337
Ion Ratio Lower Upper
180 100
182 92.5 46.2 138.6
145 32.7 17.5 52.6

