

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079905.D
 Acq On : 04 Nov 2023 20:04
 Operator : JC\MD
 Sample : VN1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:09 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	8.230	168	291486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	508407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	458284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	256381	57.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.460%			
35) Dibromofluoromethane	8.165	113	194542	54.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.120%			
50) Toluene-d8	10.571	98	710010	53.599	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.200%			
62) 4-Bromofluorobenzene	12.853	95	230194	52.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69267	19.728	ug/l	97
3) Chloromethane	2.359	50	81303	17.749	ug/l	98
4) Vinyl Chloride	2.512	62	92383	20.101	ug/l	98
5) Bromomethane	2.959	94	53900	19.302	ug/l	88
6) Chloroethane	3.124	64	61320	16.886	ug/l	97
7) Trichlorofluoromethane	3.495	101	109409	19.140	ug/l	97
8) Diethyl Ether	3.959	74	37960	17.499	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.371	101	62873	18.974	ug/l	99
10) Methyl Iodide	4.589	142	61310	16.202	ug/l #	95
11) Tert butyl alcohol	5.524	59	43414	76.582	ug/l	100
12) 1,1-Dichloroethene	4.336	96	54590	17.399	ug/l	84
13) Acrolein	4.189	56	28004	56.017	ug/l	95
14) Allyl chloride	5.030	41	85219	17.734	ug/l #	87
15) Acrylonitrile	5.718	53	172933	97.887	ug/l	99
16) Acetone	4.436	43	146231	93.743	ug/l #	85
17) Carbon Disulfide	4.718	76	156744	17.319	ug/l	97
18) Methyl Acetate	5.030	43	147829	19.808	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	195406	18.090	ug/l	96
20) Methylene Chloride	5.277	84	74985	19.051	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	66745	19.074	ug/l	84
22) Diisopropyl ether	6.677	45	229051	20.568	ug/l #	92
23) Vinyl Acetate	6.612	43	499186	81.263	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	136186	20.120	ug/l	98
25) 2-Butanone	7.489	43	222666	97.478	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	92925	16.600	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	77876	18.605	ug/l	88
28) Bromochloromethane	7.818	49	73712	22.346	ug/l #	76
29) Tetrahydrofuran	7.847	42	152345	102.509	ug/l #	74
30) Chloroform	7.971	83	143643	19.537	ug/l	97
31) Cyclohexane	8.265	56	107134	18.257	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	118576	19.793	ug/l	95
36) 1,1-Dichloropropene	8.377	75	99813	19.427	ug/l	95
37) Ethyl Acetate	7.565	43	91678	19.457	ug/l #	93
38) Carbon Tetrachloride	8.365	117	101162	19.537	ug/l	94
39) Methylcyclohexane	9.606	83	85760	17.737	ug/l #	84
40) Benzene	8.612	78	302178	19.637	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52177	20.853	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	114388	21.281	ug/l	98
43) Isopropyl Acetate	8.694	43	148698	17.995	ug/l #	92
44) Trichloroethene	9.353	130	73704	19.302	ug/l	98
45) 1,2-Dichloropropane	9.624	63	81927	20.833	ug/l	92
46) Dibromomethane	9.712	93	54098	20.147	ug/l	97
47) Bromodichloromethane	9.894	83	113811	19.874	ug/l	98
48) Methyl methacrylate	9.683	41	71679	19.804	ug/l #	78
49) 1,4-Dioxane	9.700	88	22958	358.970	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	483346	103.897	ug/l	88
52) Toluene	10.635	92	185187	20.299	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	104569	18.626	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	114230	18.668	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	73535	20.040	ug/l	98
56) Ethyl methacrylate	10.877	69	96919	18.517	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	129139	19.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	228393	86.096	ug/l	89
59) 2-Hexanone	11.200	43	342611	96.268	ug/l	85
60) Dibromochloromethane	11.365	129	77512	19.735	ug/l	100
61) 1,2-Dibromoethane	11.471	107	71477	19.408	ug/l	97
64) Tetrachloroethene	11.106	164	69669	23.473	ug/l	97
65) Chlorobenzene	11.894	112	192031	19.317	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	70665	19.730	ug/l	96
67) Ethyl Benzene	11.965	91	324078	18.711	ug/l	97
68) m/p-Xylenes	12.076	106	242442	37.577	ug/l	92
69) o-Xylene	12.406	106	116021	18.674	ug/l	94
70) Styrene	12.418	104	193381	19.368	ug/l	98
71) Bromoform	12.582	173	50286	19.772	ug/l #	98
73) Isopropylbenzene	12.700	105	286100	18.877	ug/l	99
74) N-amyl acetate	12.494	43	111046	16.786	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	104234	19.398	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	95915m	20.458	ug/l	
77) Bromobenzene	12.982	156	72458	19.528	ug/l	93
78) n-propylbenzene	13.041	91	345215	19.891	ug/l	97
79) 2-Chlorotoluene	13.129	91	214508	19.347	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	237374	20.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	28170	16.348	ug/l #	68
82) 4-Chlorotoluene	13.223	91	215714	19.579	ug/l	98
83) tert-Butylbenzene	13.441	119	193132	20.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	233407	20.119	ug/l	99
85) sec-Butylbenzene	13.618	105	266592	19.936	ug/l	100
86) p-Isopropyltoluene	13.735	119	210099	19.270	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	130097	18.848	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	130743	18.661	ug/l	98
89) n-Butylbenzene	14.059	91	170146	18.119	ug/l	98
90) Hexachloroethane	14.335	117	41683	19.305	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	126714	19.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18135	19.901	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	53390	17.232	ug/l	99
94) Hexachlorobutadiene	15.506	225	27484	19.568	ug/l	97
95) Naphthalene	15.647	128	145739	13.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	52387	17.249	ug/l	98

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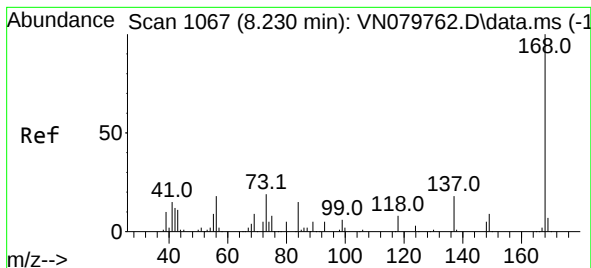
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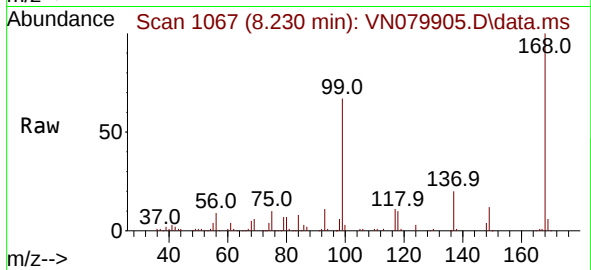
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

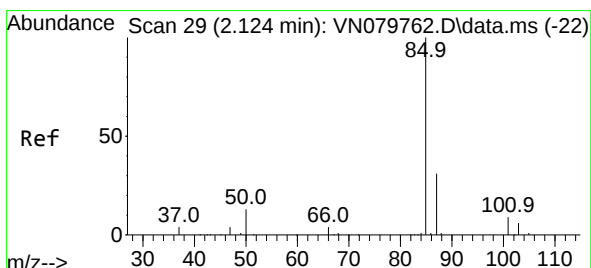
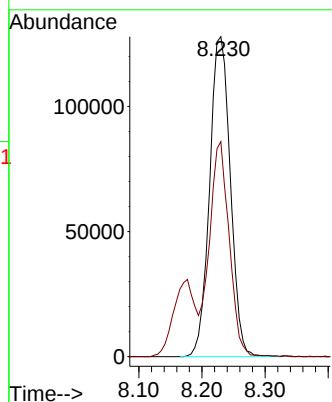
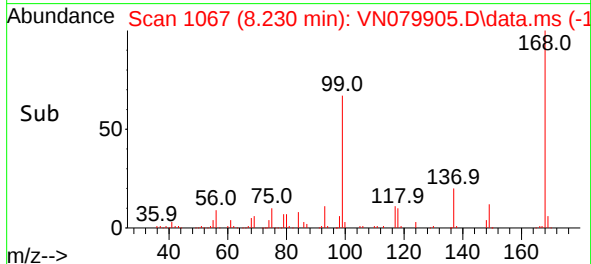
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 291480
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6

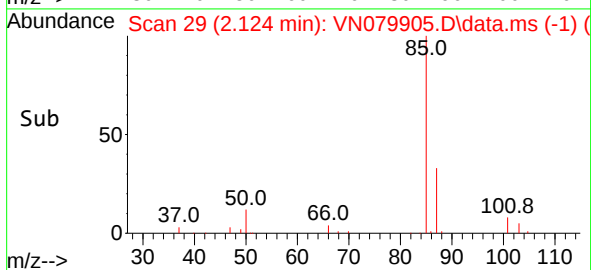
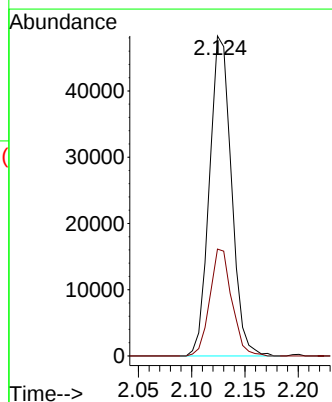
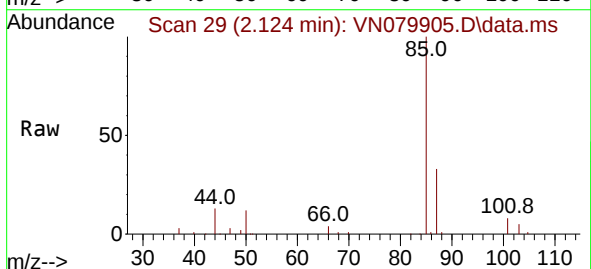
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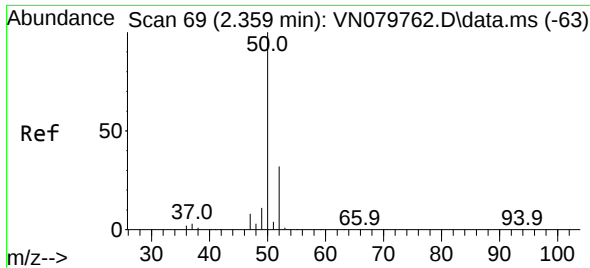
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 19.728 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

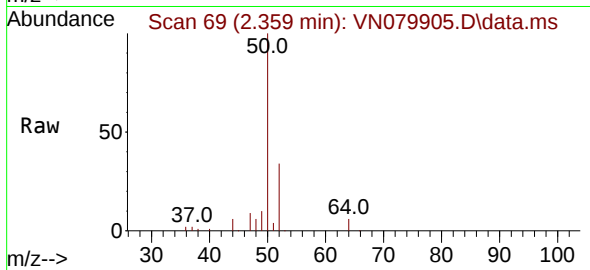
Tgt Ion: 85 Resp: 69267
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 17.749 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

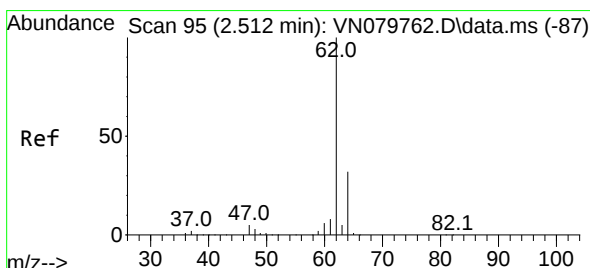
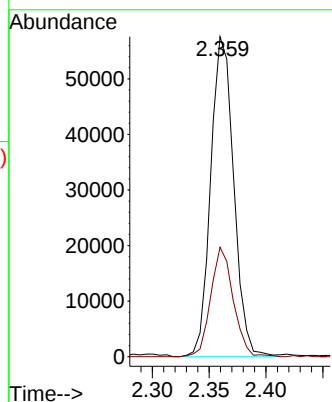
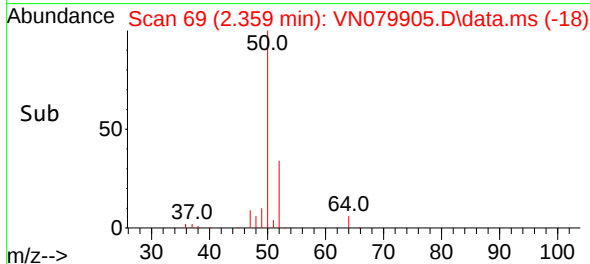
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Tgt Ion: 50 Resp: 8130
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

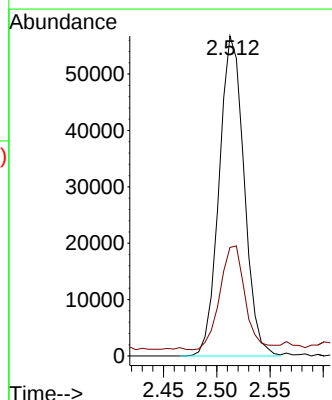
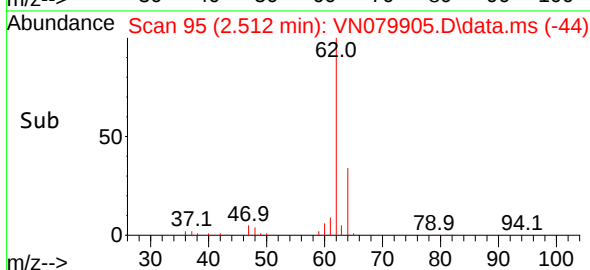
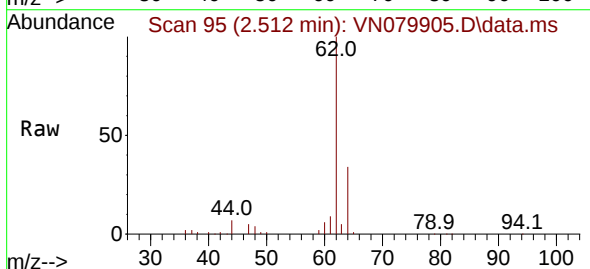
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#4
Vinyl Chloride
Concen: 20.101 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

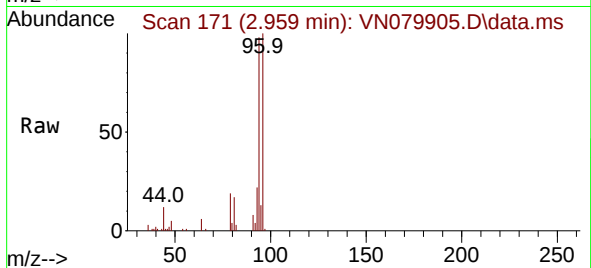
Tgt Ion: 62 Resp: 92383
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





#5
Bromomethane
Concen: 19.302 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

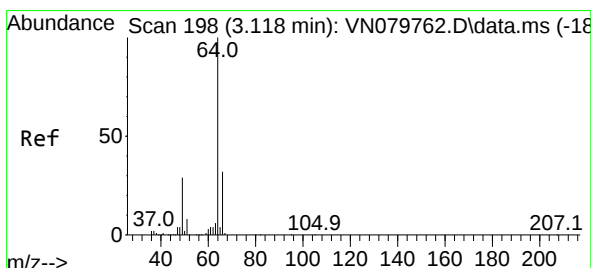
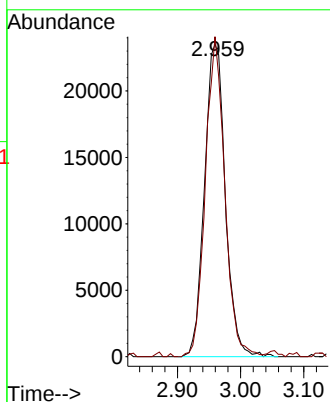
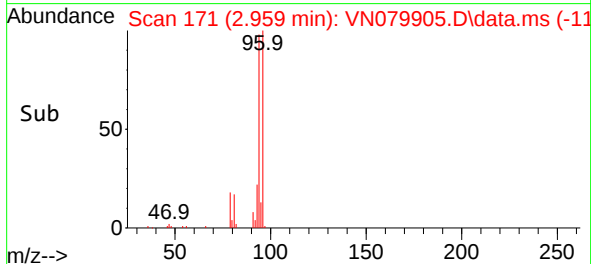
Instrument :
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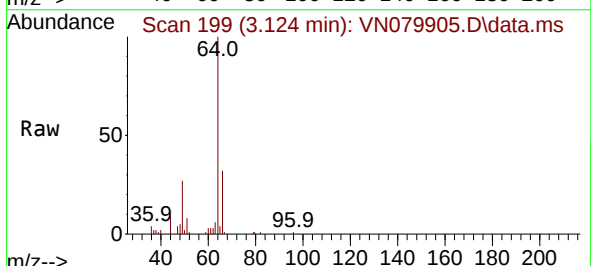
Tgt Ion: 94 Resp: 53900
Ion Ratio Lower Upper
94 100
96 102.4 73.1 109.7

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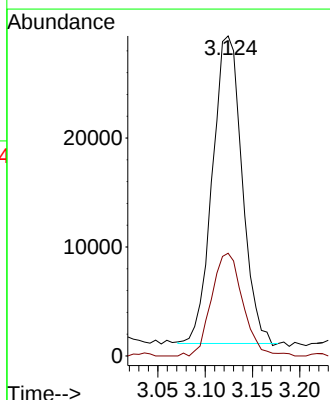
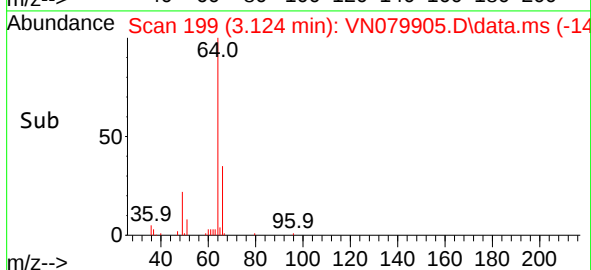
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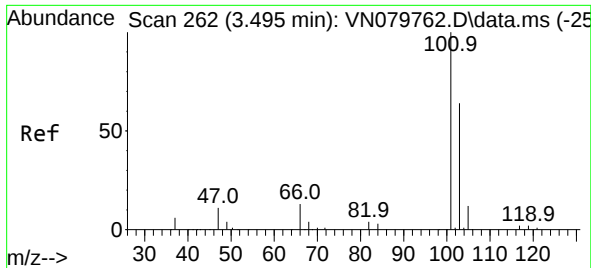


#6
Chloroethane
Concen: 16.886 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



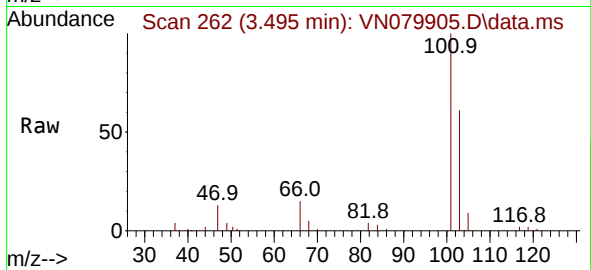
Tgt Ion: 64 Resp: 61320
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.140 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079905.D
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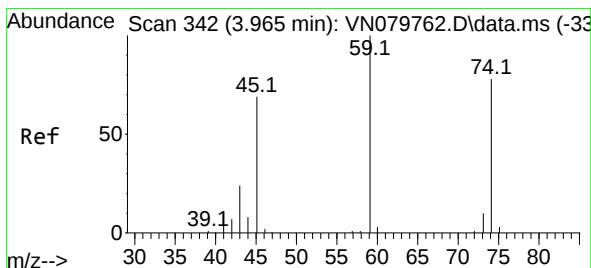
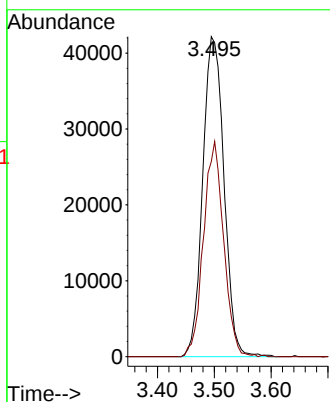
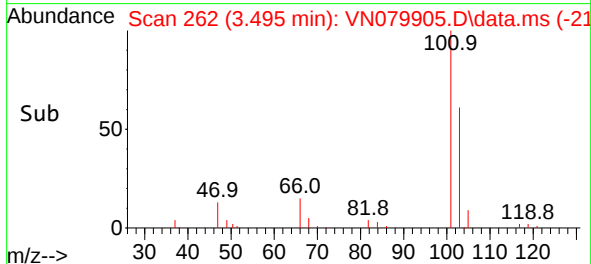
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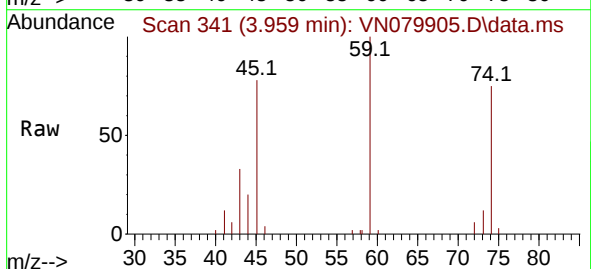
Tgt Ion:101 Resp: 109409
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.7 76.1

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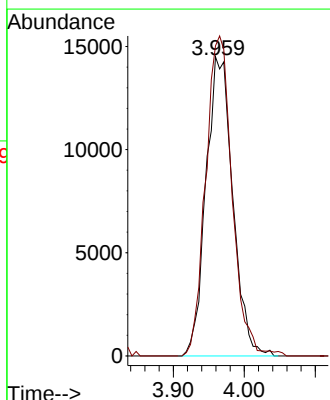
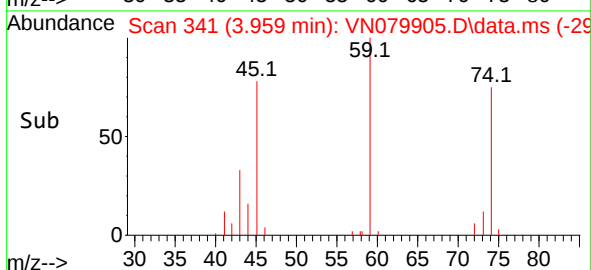
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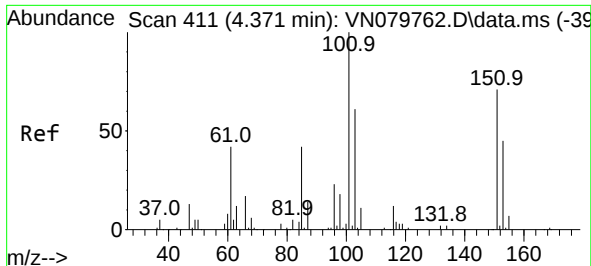


#8
 Diethyl Ether
 Concen: 17.499 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04



Tgt Ion: 74 Resp: 37960
 Ion Ratio Lower Upper
 74 100
 45 105.6 34.4 103.3#





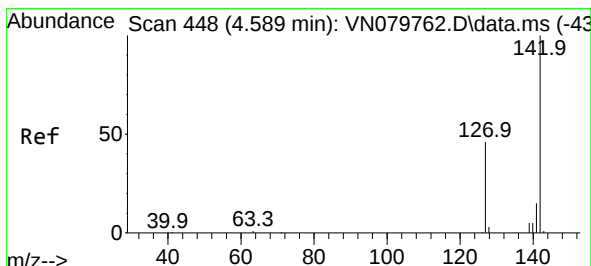
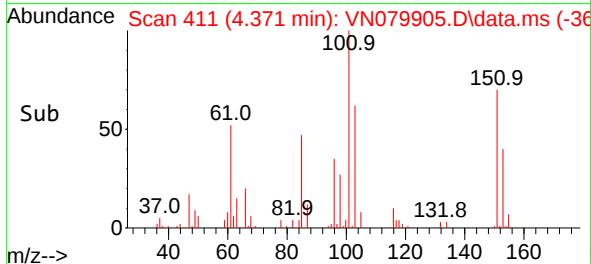
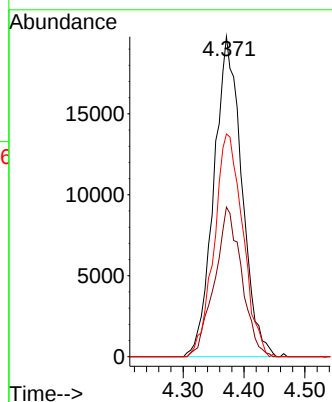
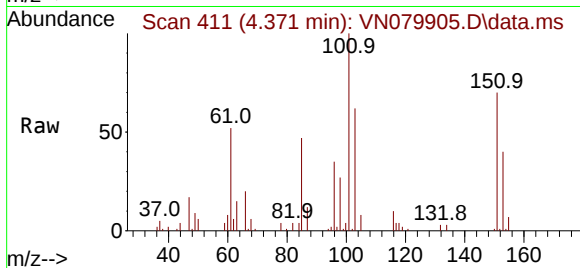
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.974 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:101 Resp: 6287
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 71.5 57.6 86.4

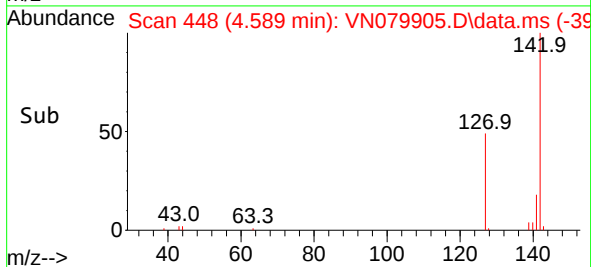
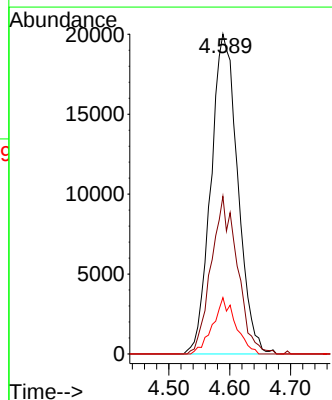
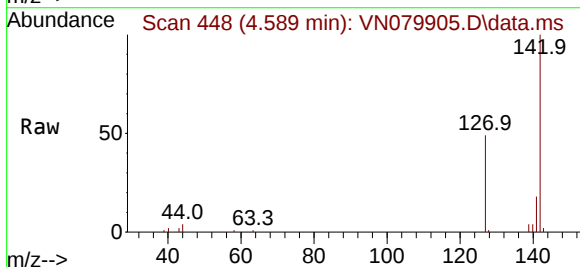
Manual Integrations
APPROVED

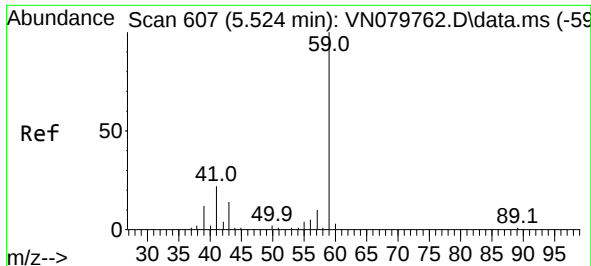
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 16.202 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion:142 Resp: 61310
Ion Ratio Lower Upper
142 100
127 49.3 37.6 56.4
141 17.6 11.4 17.0#





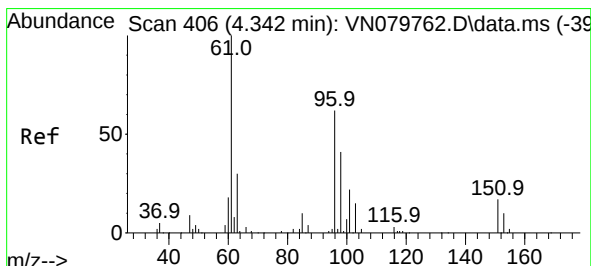
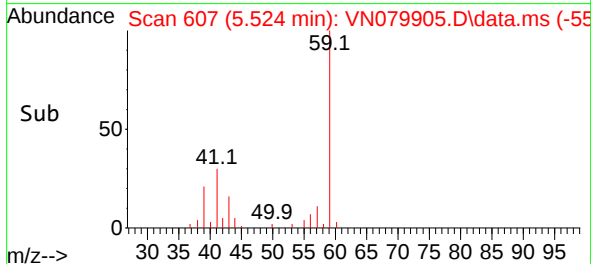
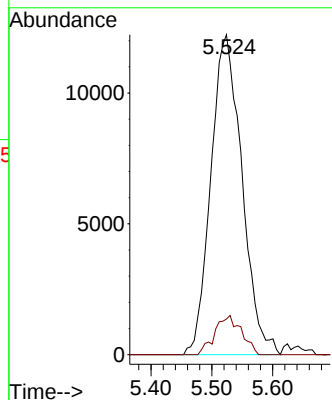
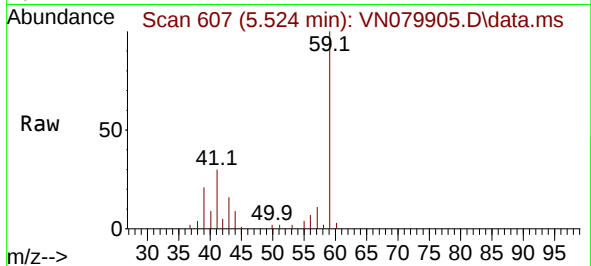
#11
Tert butyl alcohol
Concen: 76.582 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 59 Resp: 43414
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

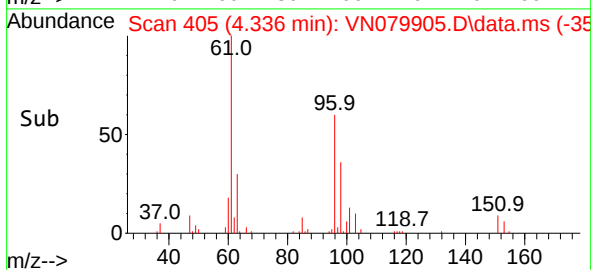
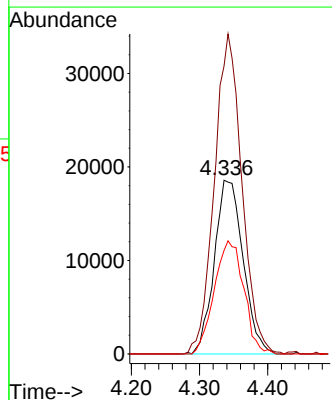
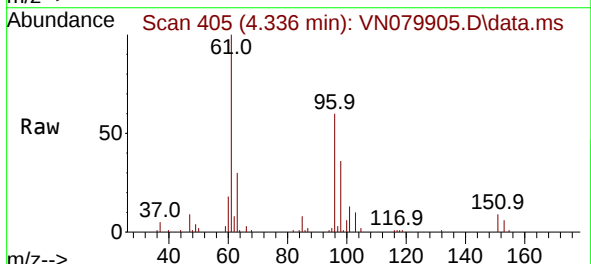
Manual Integrations
APPROVED

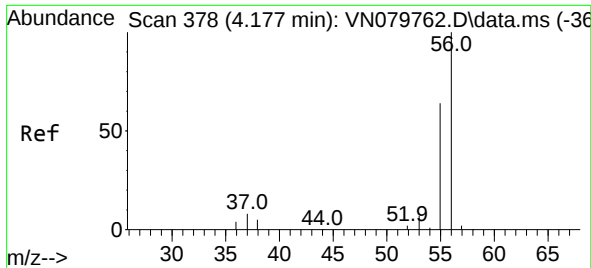
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 17.399 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 96 Resp: 54590
Ion Ratio Lower Upper
96 100
61 165.7 112.7 169.1
98 59.6 51.2 76.8





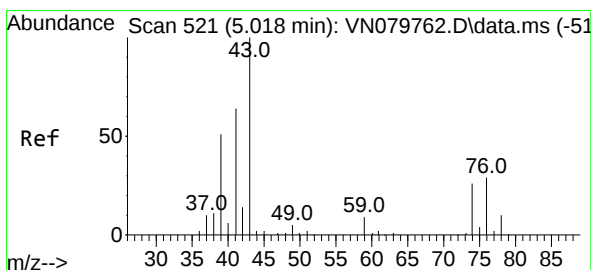
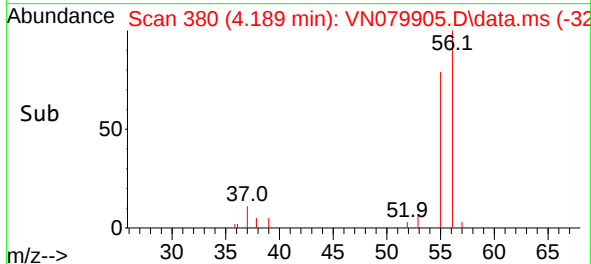
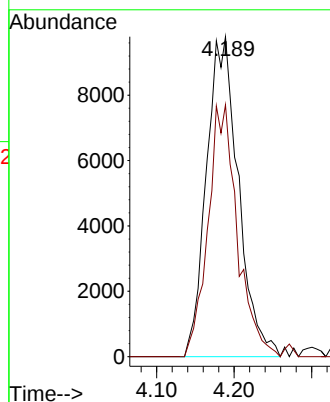
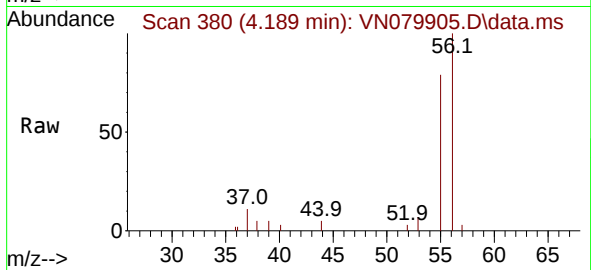
#13
Acrolein
Concen: 56.017 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 56 Resp: 28004
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7

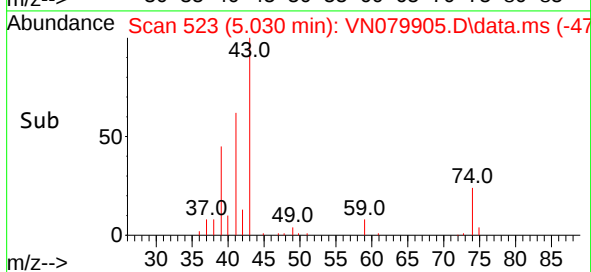
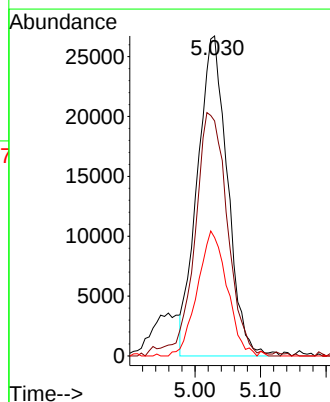
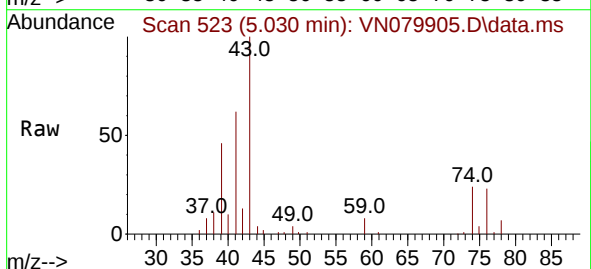
Manual Integrations
APPROVED

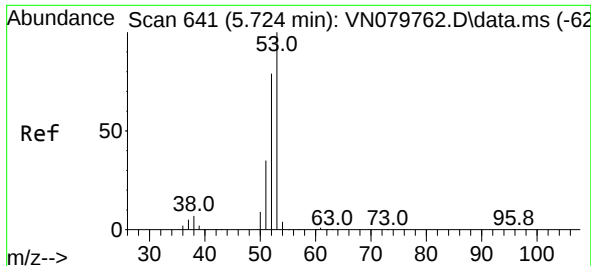
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#14
Allyl chloride
Concen: 17.734 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

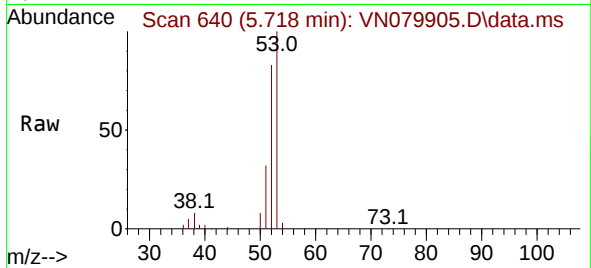
Tgt Ion: 41 Resp: 85219
Ion Ratio Lower Upper
41 100
39 82.7 58.8 88.2
76 38.5 39.1 58.7#





#15
Acrylonitrile
Concen: 97.887 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

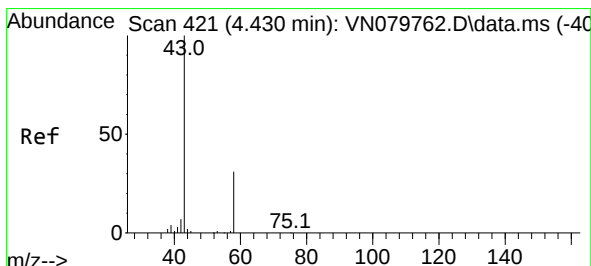
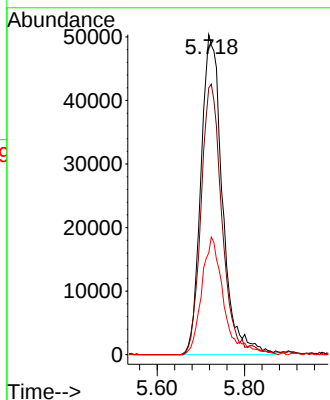
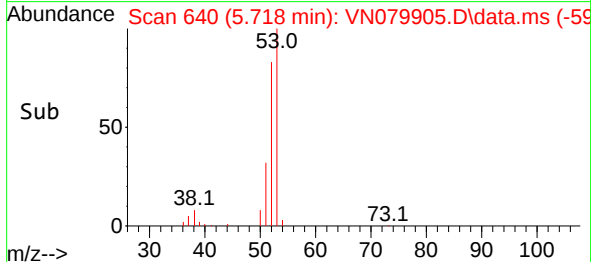
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



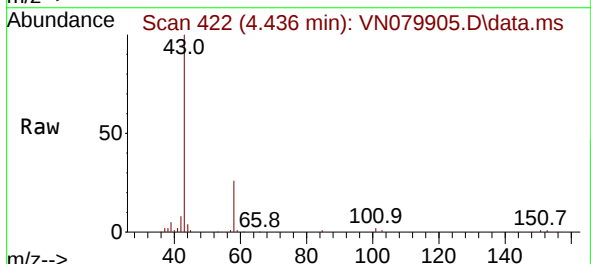
Tgt Ion: 53 Resp: 172933
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 37.3 28.9 43.3

Manual Integrations
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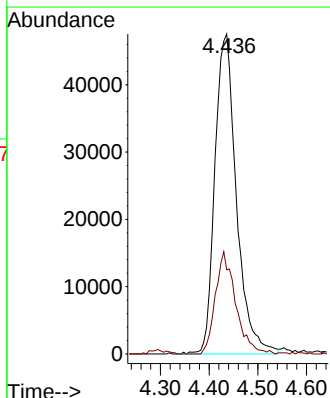
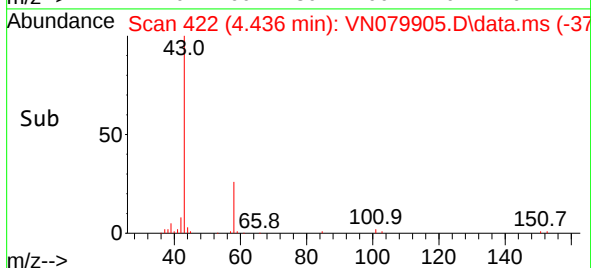
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

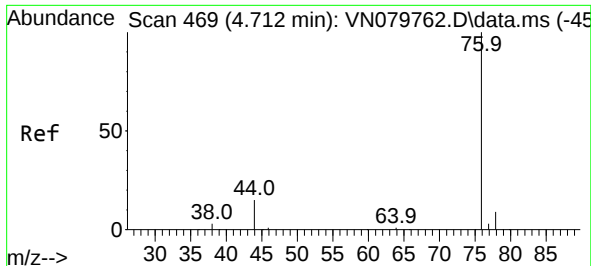


#16
Acetone
Concen: 93.743 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



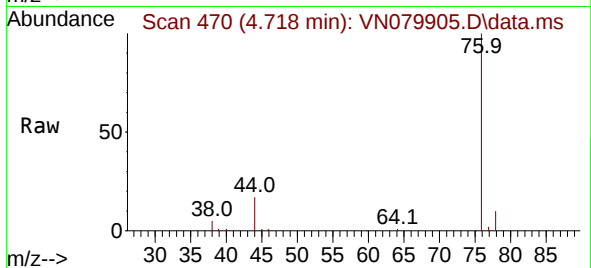
Tgt Ion: 43 Resp: 146231
Ion Ratio Lower Upper
43 100
58 26.3 28.0 42.0#





#17
Carbon Disulfide
Concen: 17.319 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

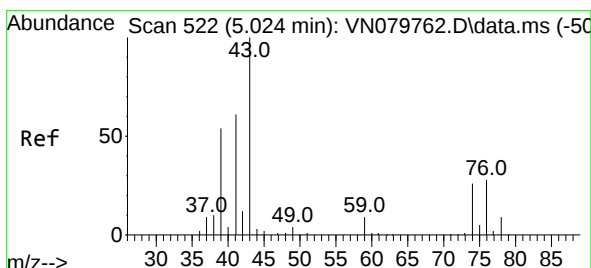
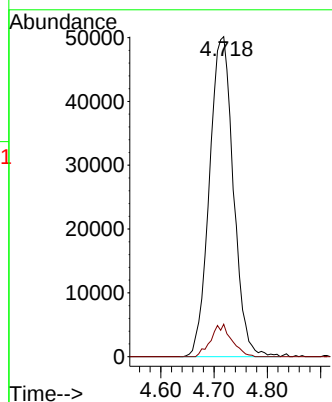
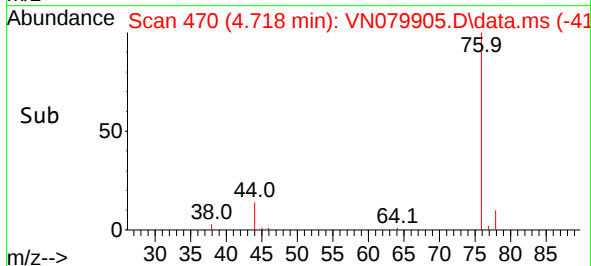
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion: 76 Resp: 156744
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

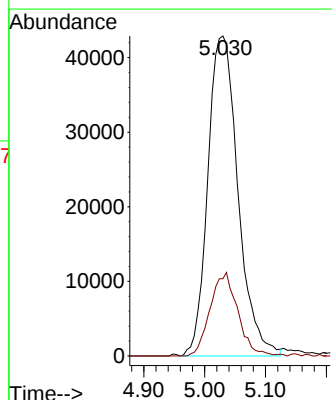
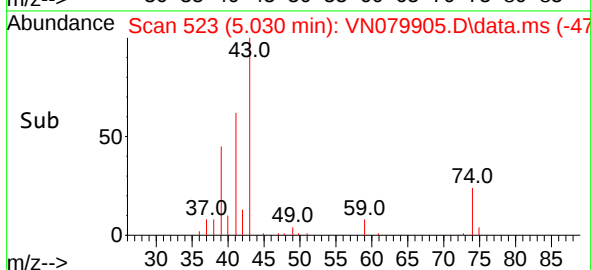
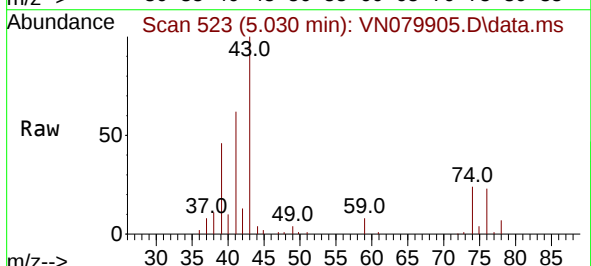
Manual Integrations
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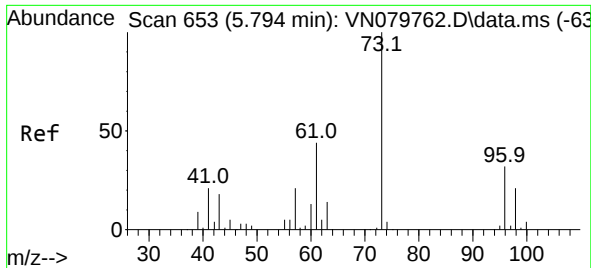
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 19.808 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 43 Resp: 147829
Ion Ratio Lower Upper
43 100
74 23.9 26.2 39.4#





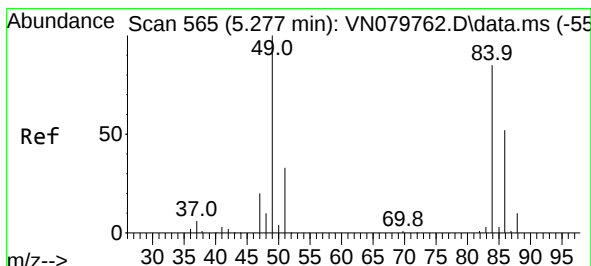
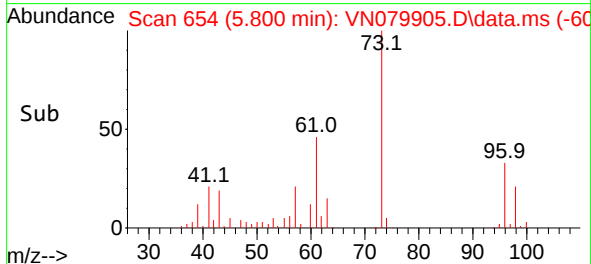
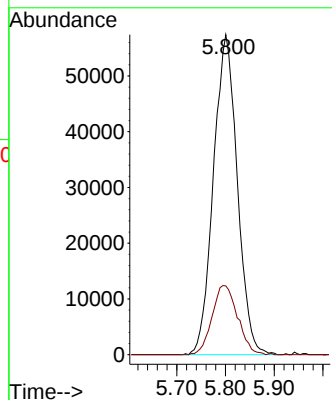
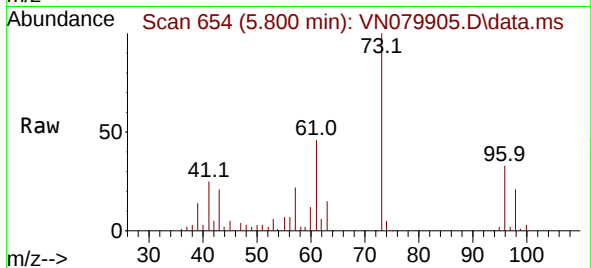
#19
Methyl tert-butyl Ether
Concen: 18.090 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 73 Resp: 195400
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

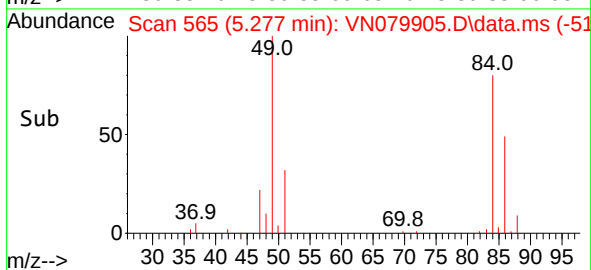
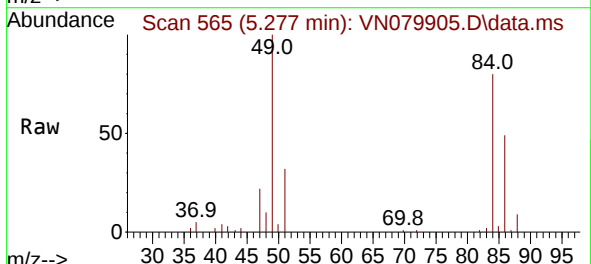
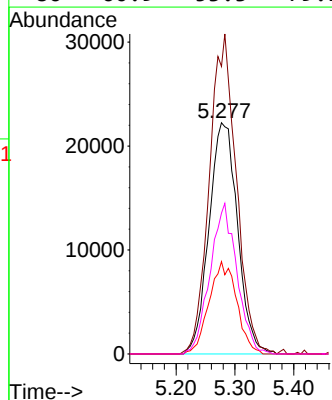
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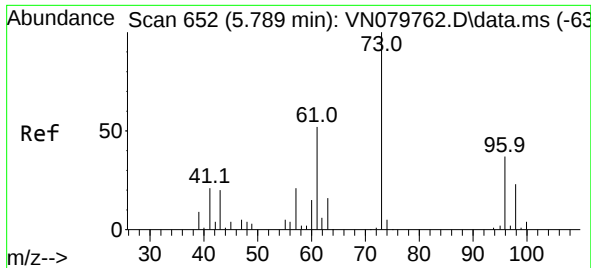
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 19.051 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

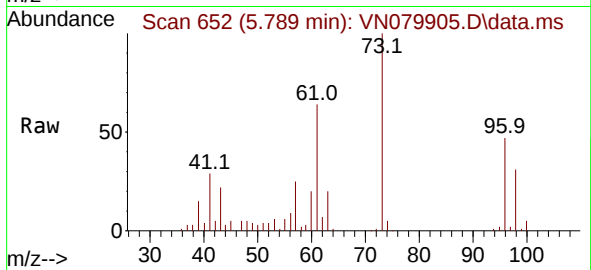
Tgt Ion: 84 Resp: 74985
Ion Ratio Lower Upper
84 100
49 124.3 79.7 119.5#
51 39.9 25.2 37.8#
86 60.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.074 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

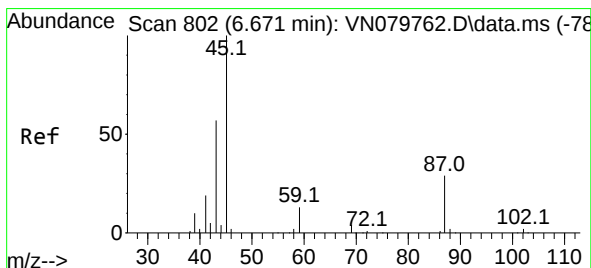
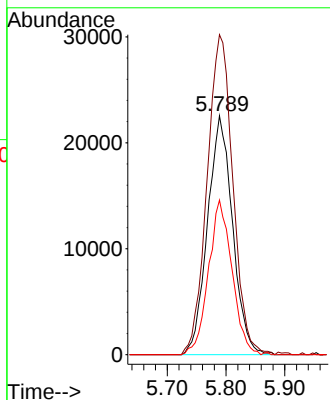
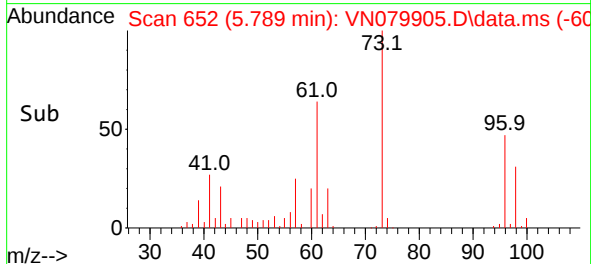
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion: 96 Resp: 66749
Ion Ratio Lower Upper
96 100
61 133.9 90.1 135.1
98 64.7 46.4 69.6

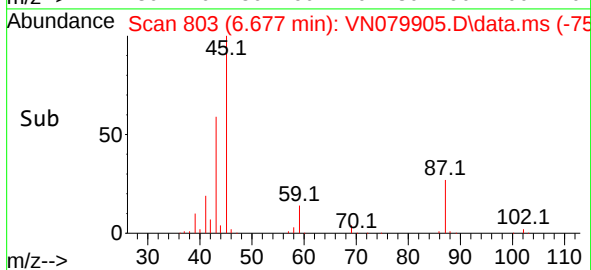
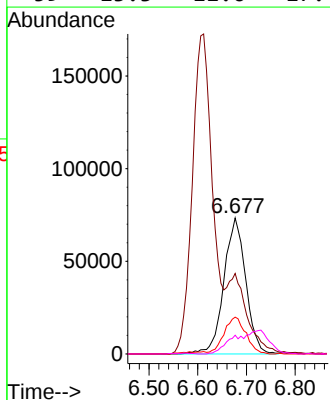
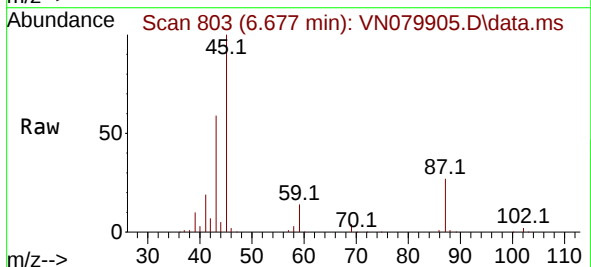
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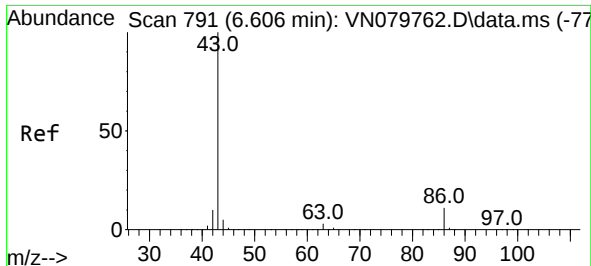
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 20.568 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 45 Resp: 229051
Ion Ratio Lower Upper
45 100
43 57.6 45.5 68.3
87 26.6 31.8 47.8#
59 13.3 11.6 17.4





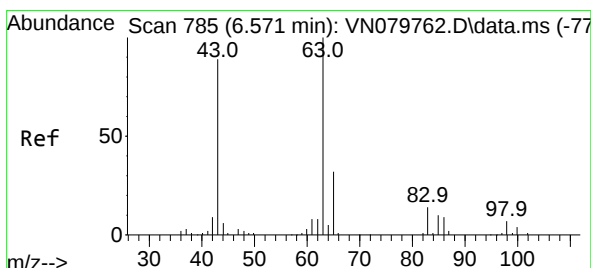
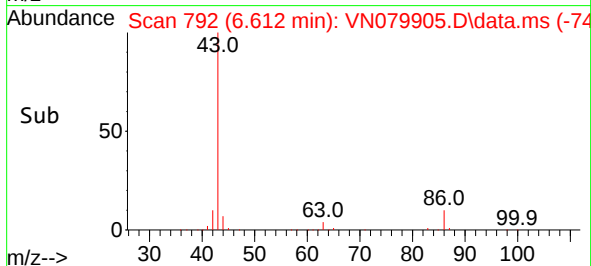
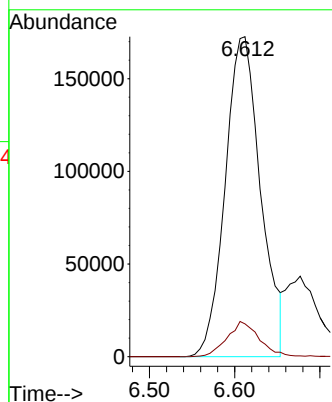
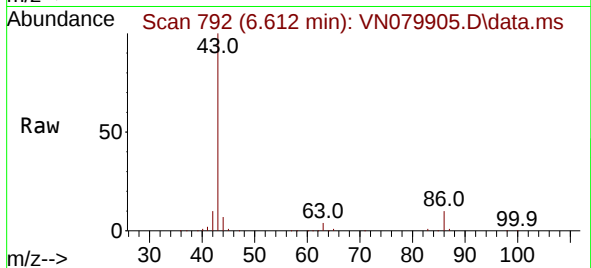
#23
 Vinyl Acetate
 Concen: 81.263 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Tgt Ion: 43 Resp: 499186
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

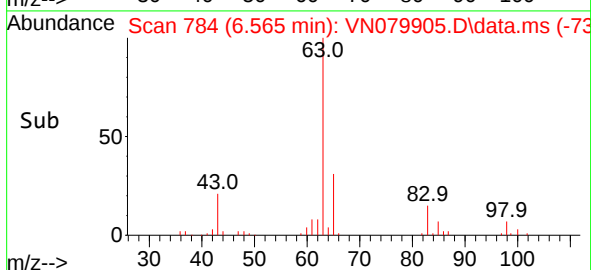
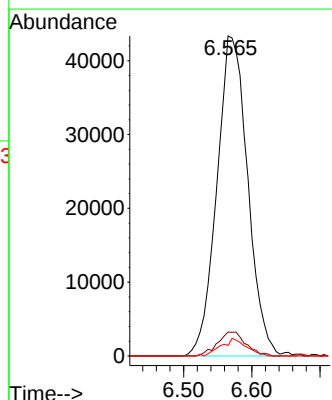
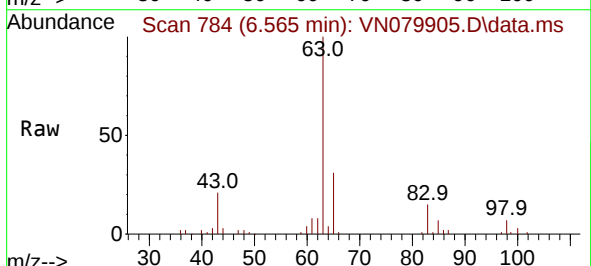
Manual Integrations
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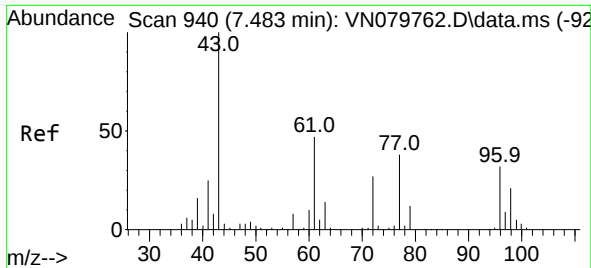
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 20.120 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04

Tgt Ion: 63 Resp: 136186
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 3.3 2.5 7.4





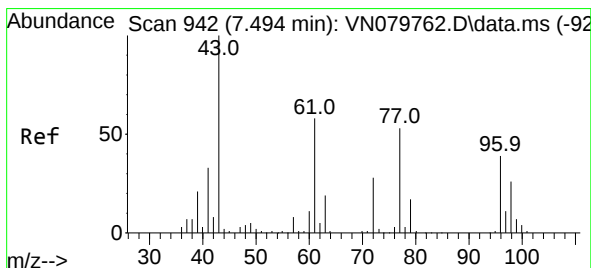
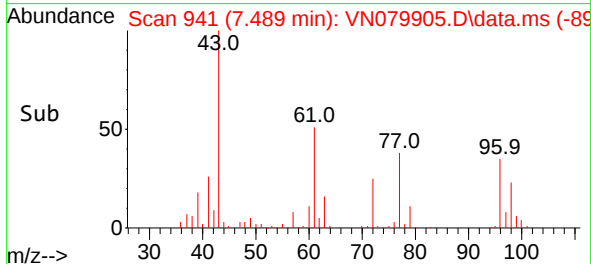
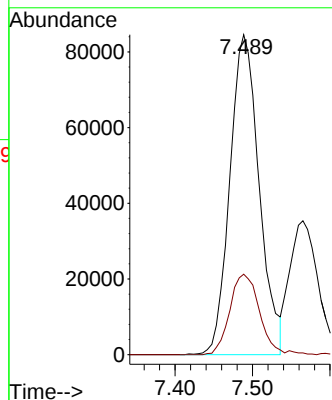
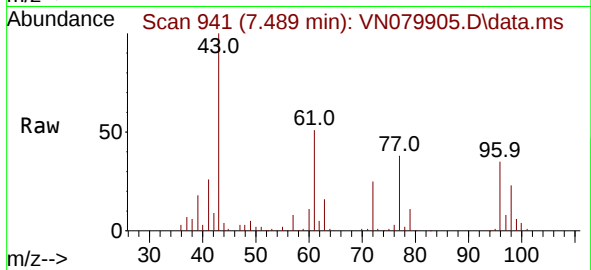
#25
2-Butanone
Concen: 97.478 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 43 Resp: 222660
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2

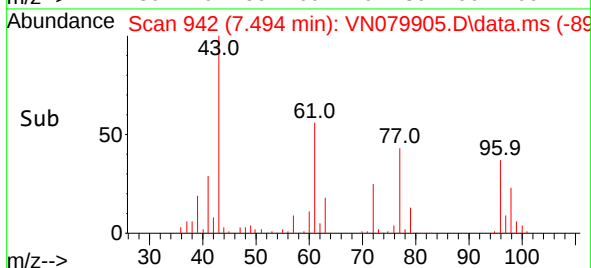
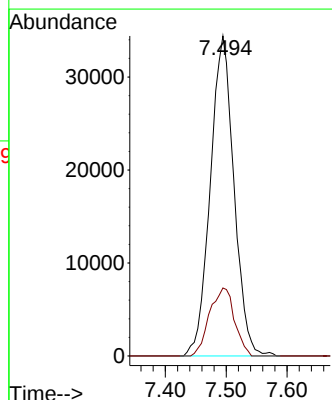
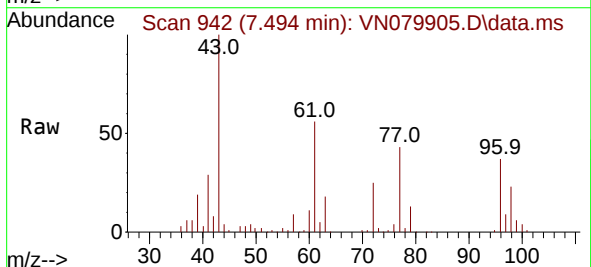
Manual Integrations
APPROVED

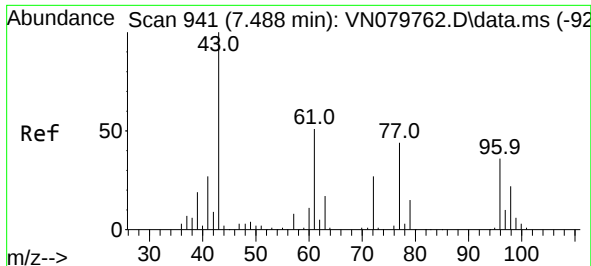
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 16.600 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

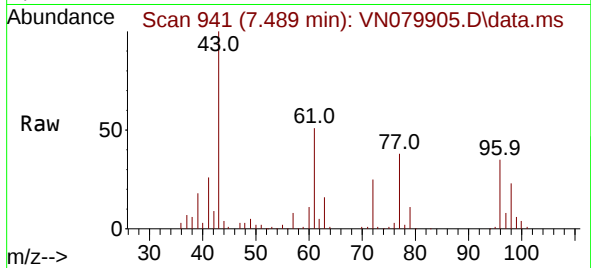
Tgt Ion: 77 Resp: 92925
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.605 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04

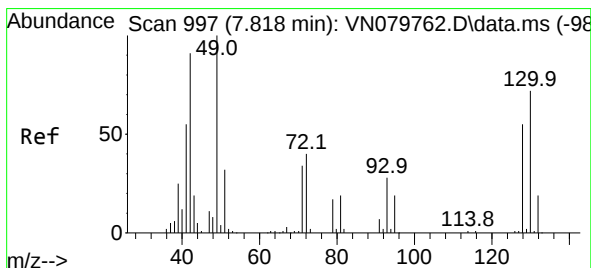
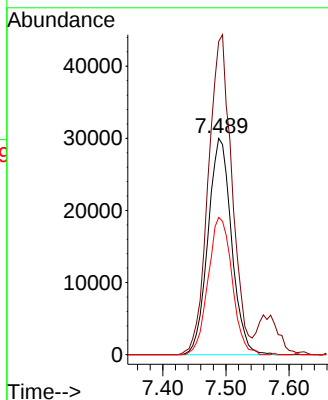
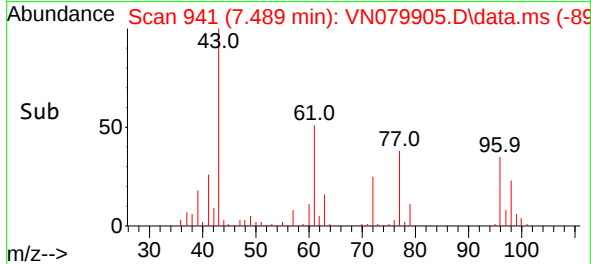
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01



Tgt Ion: 96 Resp: 77870
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 255.2
 98 64.2 0.0 128.8

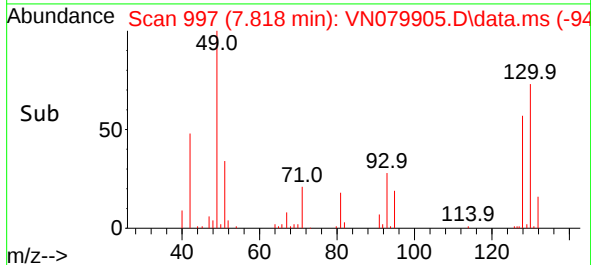
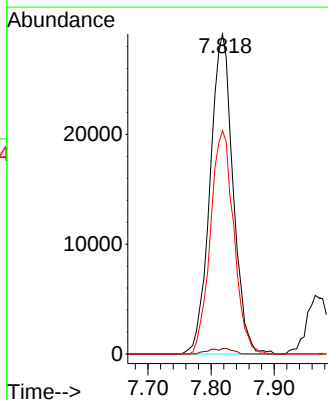
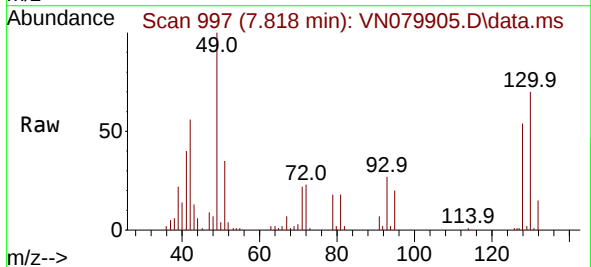
Manual Integrations
 APPROVED

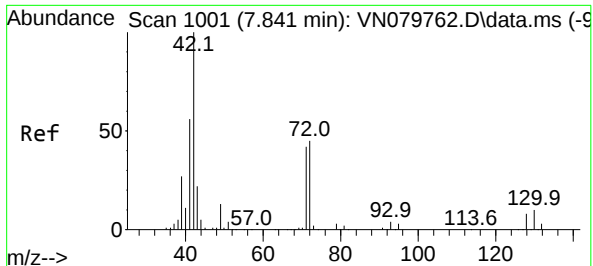
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 22.346 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04

Tgt Ion: 49 Resp: 73712
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 70.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 102.509 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 42 Resp: 152349

Ion Ratio Lower Upper

42 100

72 42.2 49.8 74.6

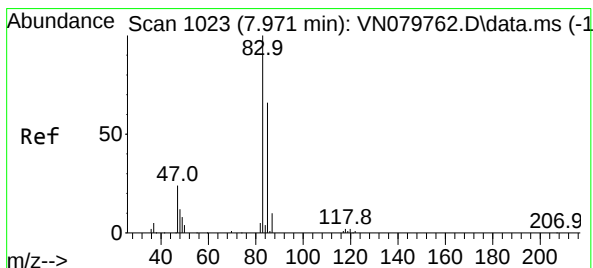
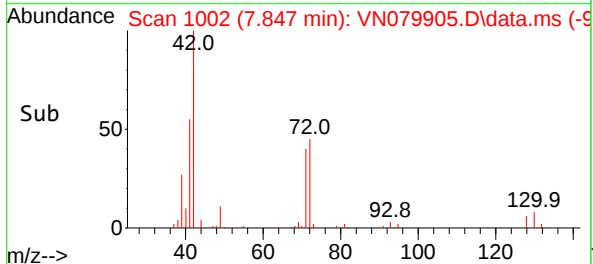
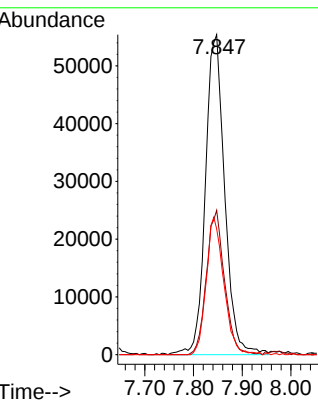
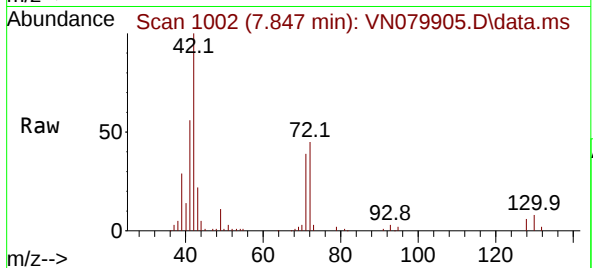
71 39.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 19.537 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079905.D

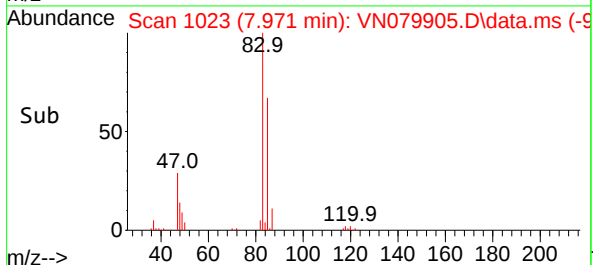
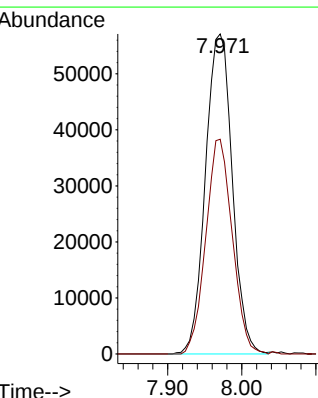
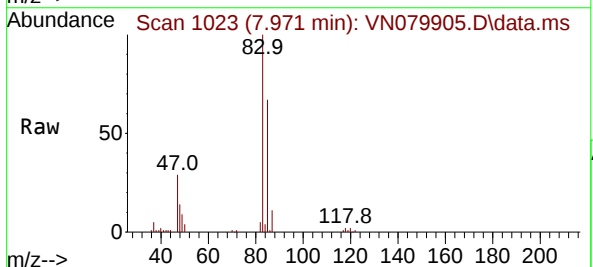
Acq: 04 Nov 2023 20:04

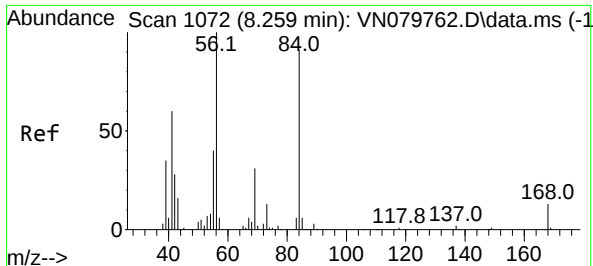
Tgt Ion: 83 Resp: 143643

Ion Ratio Lower Upper

83 100

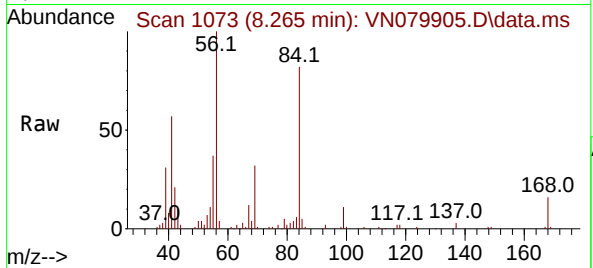
85 67.1 55.4 83.0





#31
Cyclohexane
Concen: 18.257 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

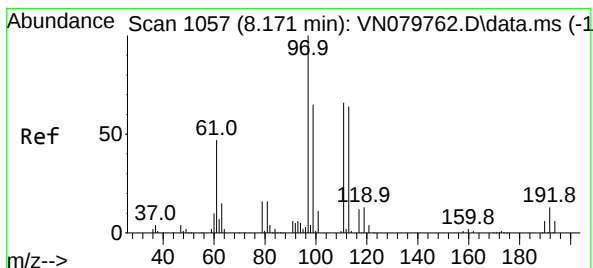
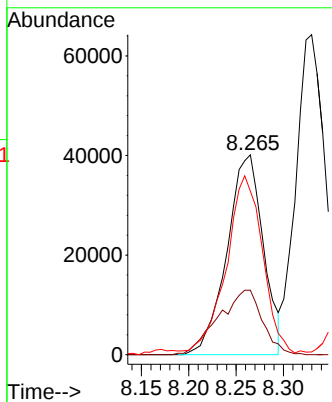
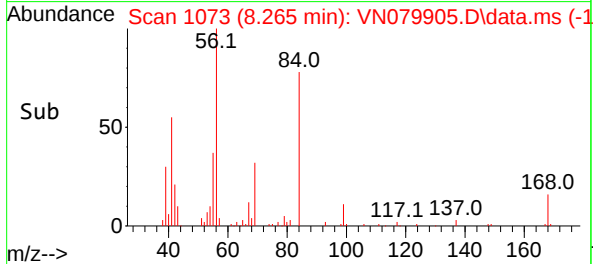
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



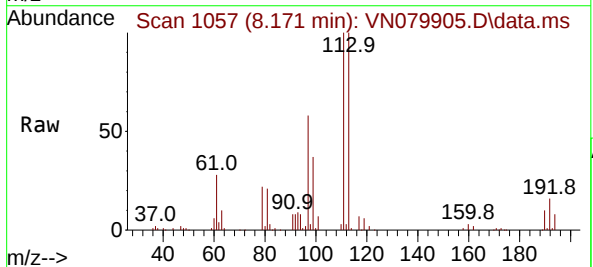
Tgt Ion: 56 Resp: 107134
Ion Ratio Lower Upper
56 100
69 31.5 26.8 40.2
84 79.9 81.8 122.6

Manual Integrations
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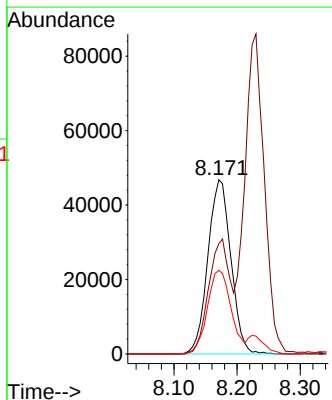
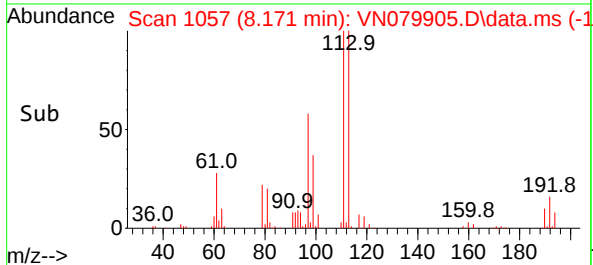
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

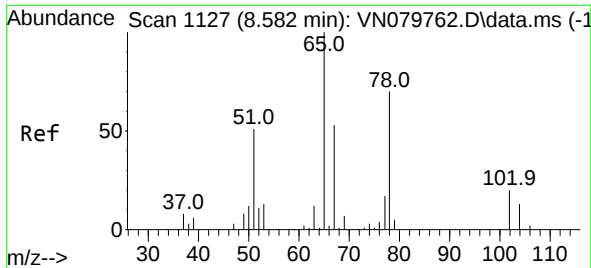


#32
1,1,1-Trichloroethane
Concen: 19.793 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



Tgt Ion: 97 Resp: 118576
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 49.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.732 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 65 Resp: 25638

Ion Ratio Lower Upper

65 100

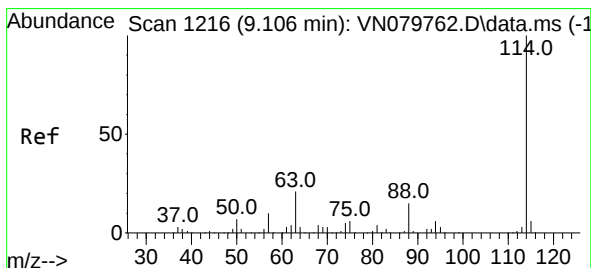
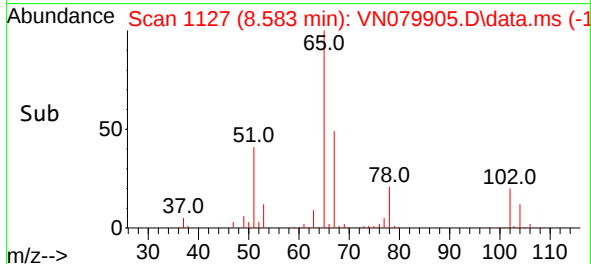
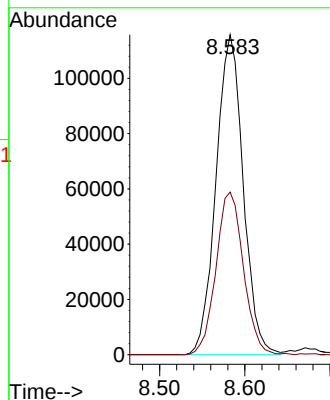
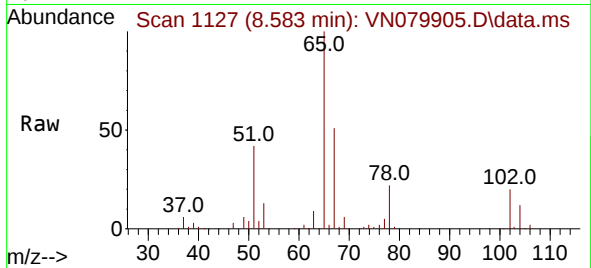
67 51.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

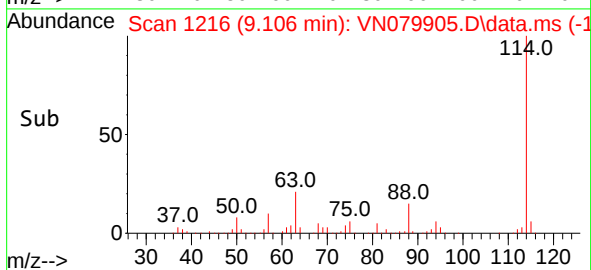
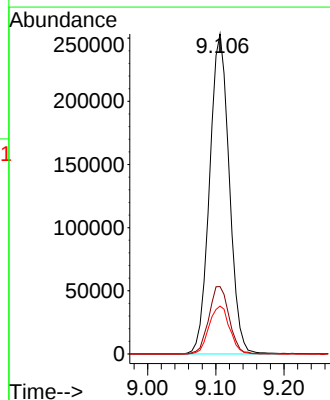
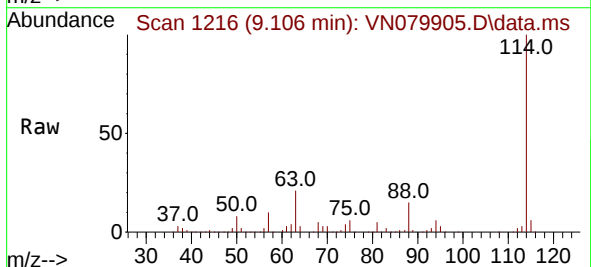
Tgt Ion:114 Resp: 508407

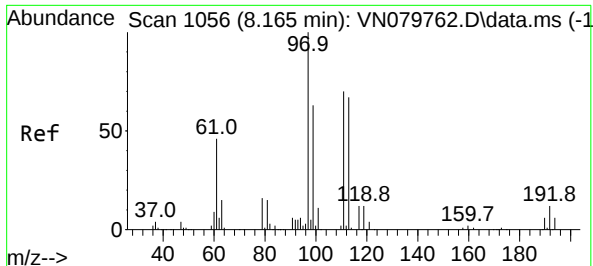
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.065 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 113 Resp: 19454

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

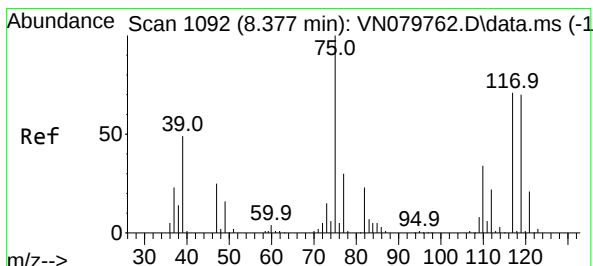
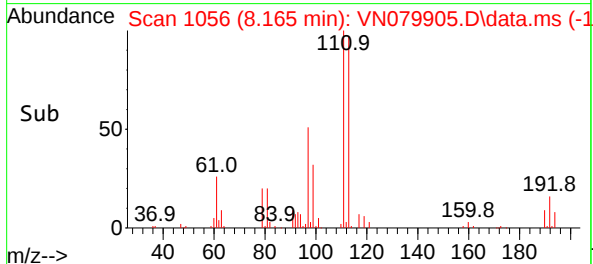
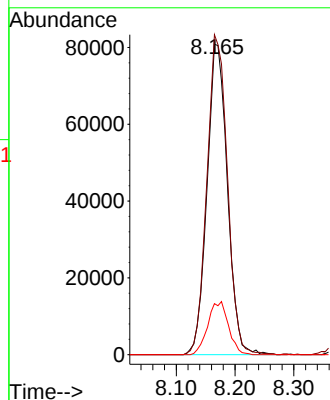
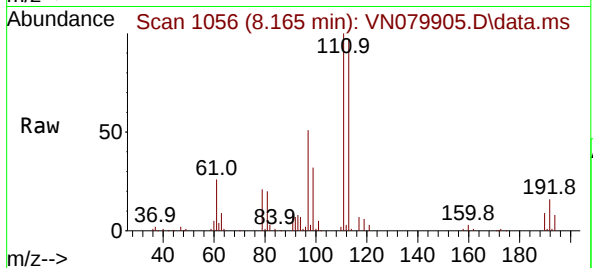
192 17.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 19.427 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

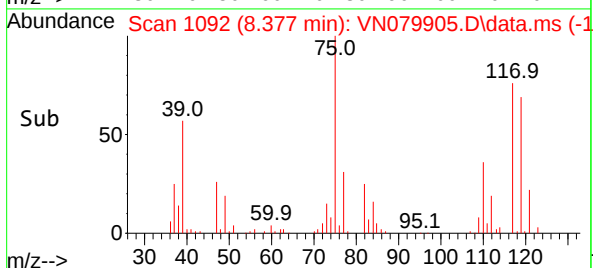
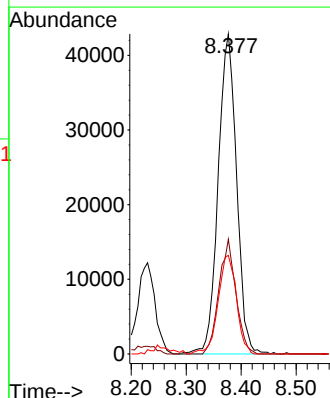
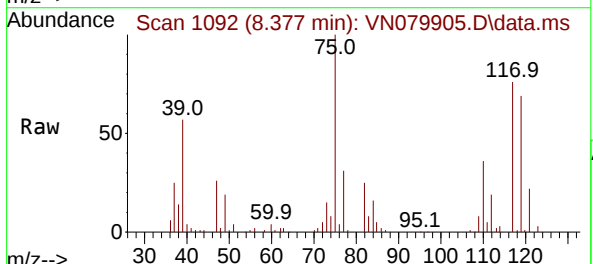
Tgt Ion: 75 Resp: 99813

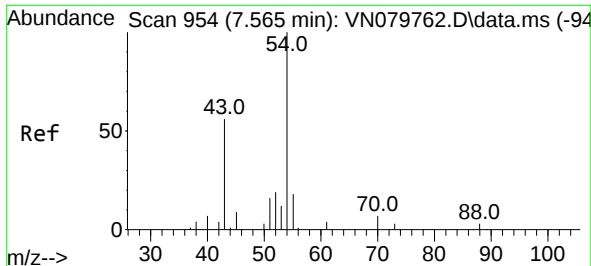
Ion Ratio Lower Upper

75 100

110 33.0 19.1 57.3

77 30.7 25.0 37.4





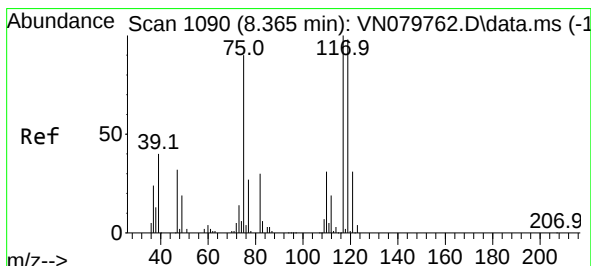
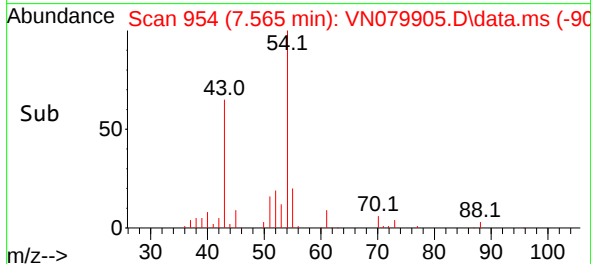
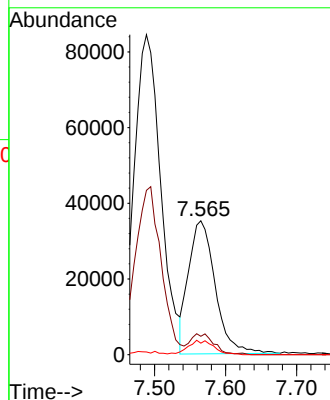
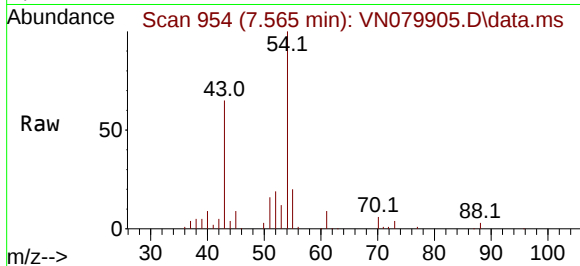
#37
Ethyl Acetate
Concen: 19.457 ug/l
RT: 7.565 min Scan# 91678
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 43 Resp: 91678
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 10.3 11.3 16.9

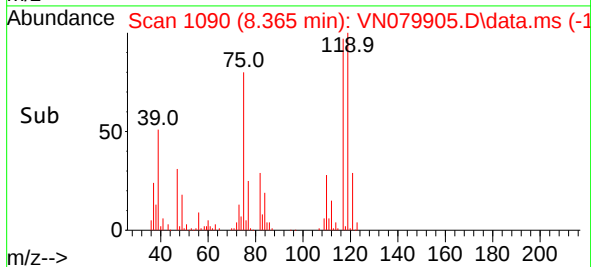
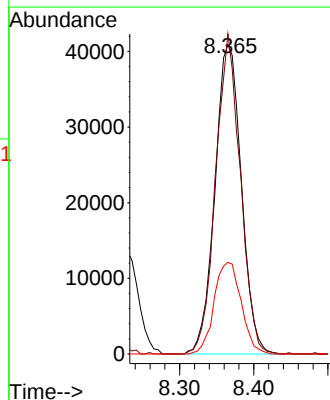
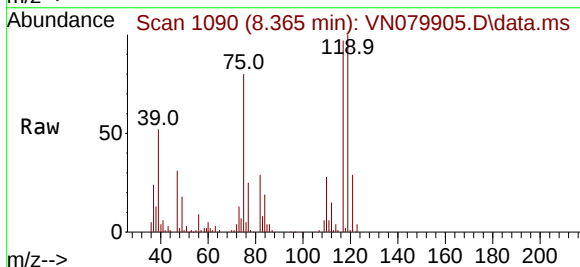
Manual Integrations
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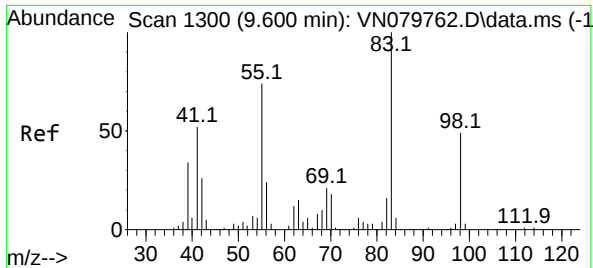
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 19.537 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion:117 Resp: 101162
Ion Ratio Lower Upper
117 100
119 103.5 77.3 115.9
121 29.6 23.3 34.9





#39

Methylcyclohexane

Concen: 17.737 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 83 Resp: 85760

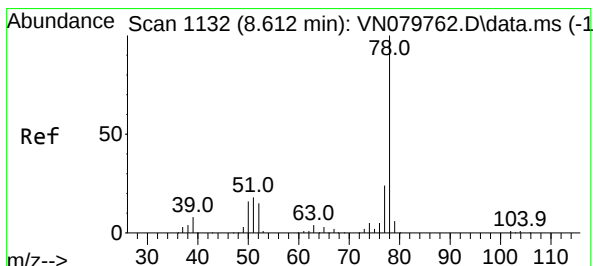
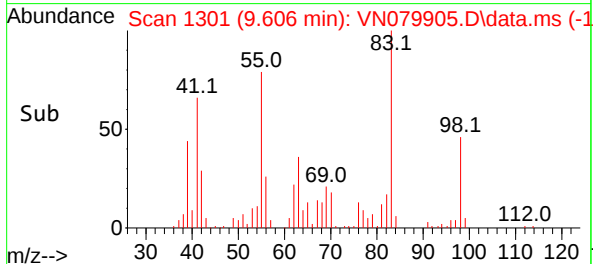
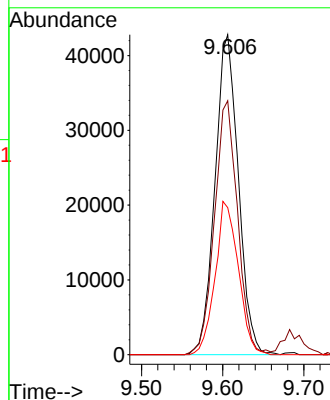
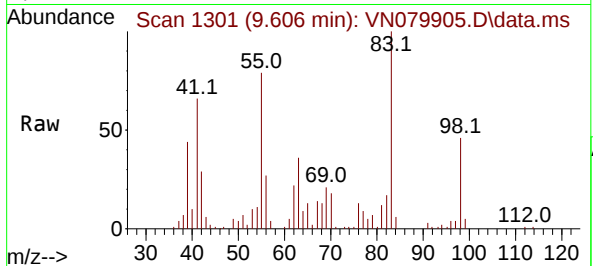
Ion	Ratio	Lower	Upper
83	100		
55	79.4	49.1	73.7
98	46.0	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 19.637 ug/l

RT: 8.612 min Scan# 1132

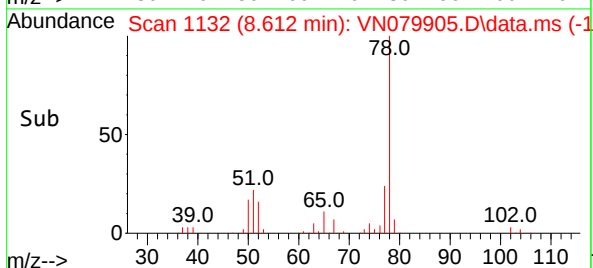
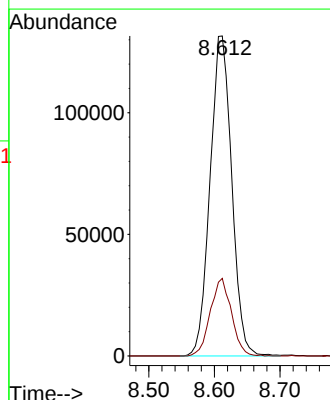
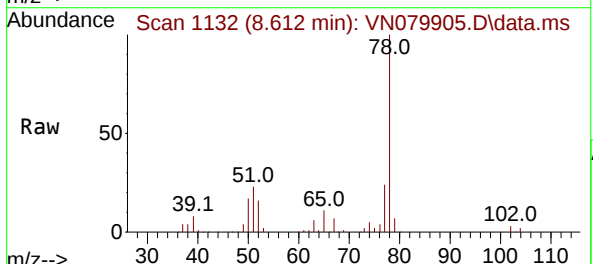
Delta R.T. 0.000 min

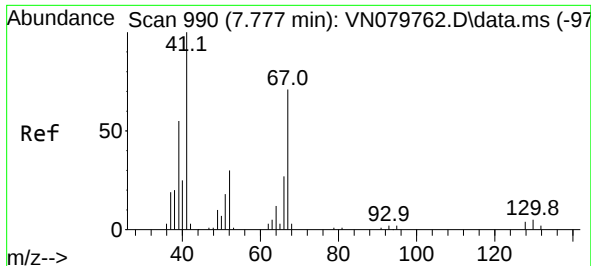
Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Tgt Ion: 78 Resp: 302178

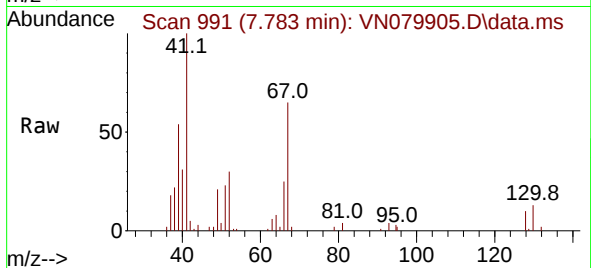
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41
Methacrylonitrile
Concen: 20.853 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

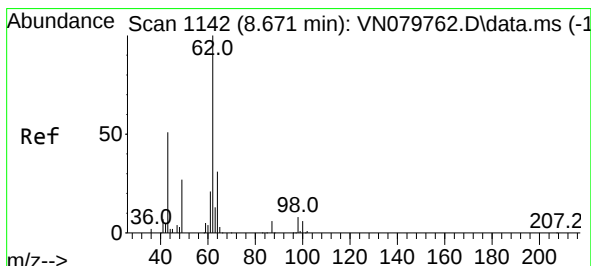
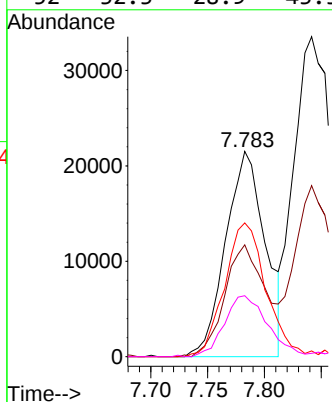
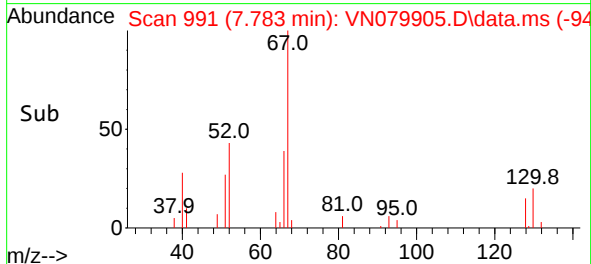
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion: 41 Resp: 5217
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 68.2 77.5 116.3
52 32.3 28.9 43.3

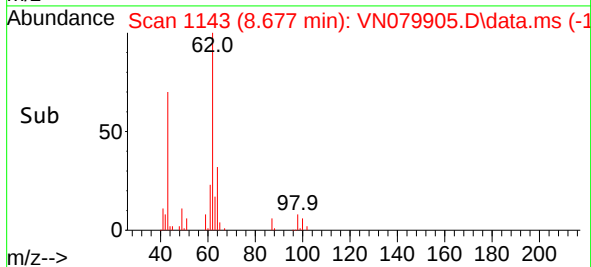
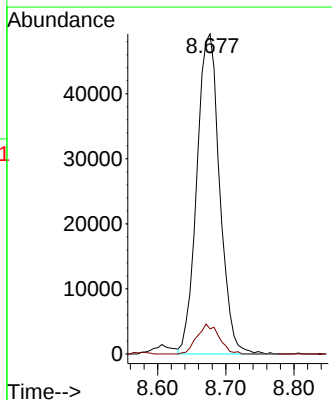
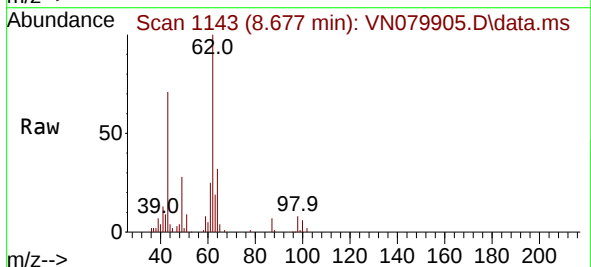
Manual Integrations
APPROVED

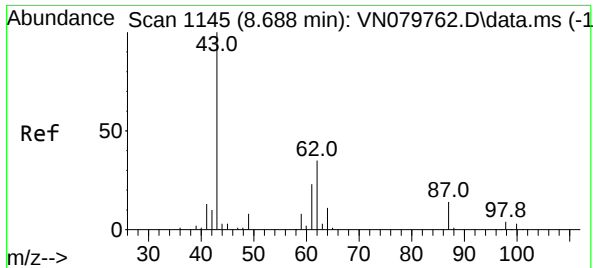
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 21.281 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 62 Resp: 114388
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.995 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 43 Resp: 148698

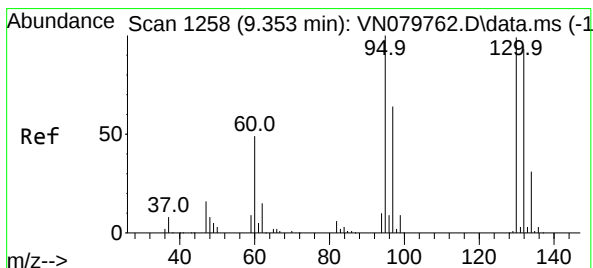
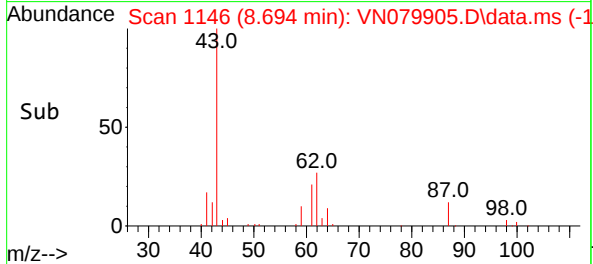
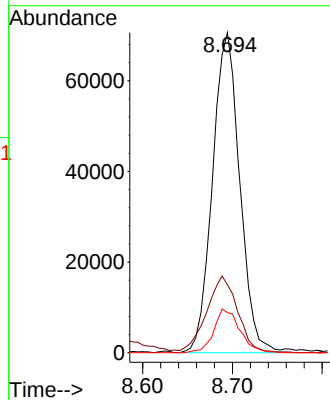
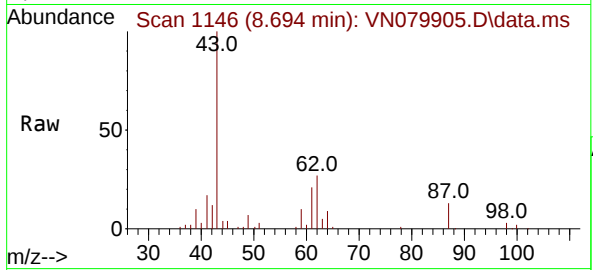
Ion	Ratio	Lower	Upper
43	100		
61	27.3	24.7	37.1
87	13.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#44

Trichloroethene

Concen: 19.302 ug/l

RT: 9.353 min Scan# 1258

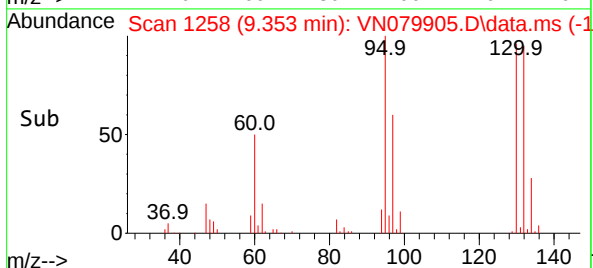
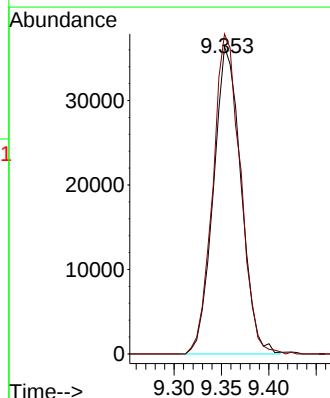
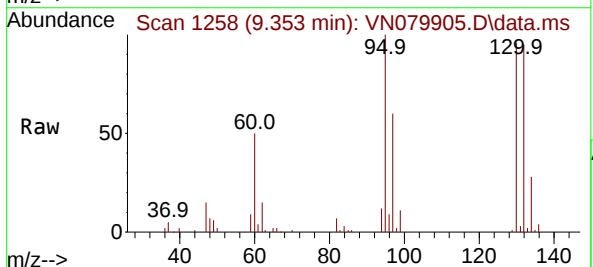
Delta R.T. 0.000 min

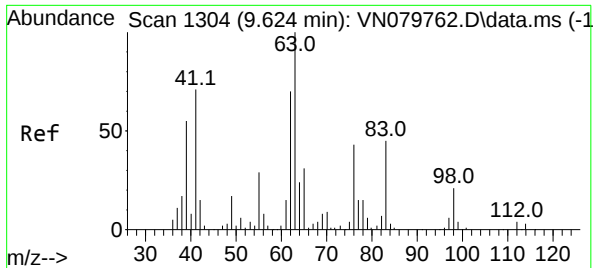
Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Tgt Ion:130 Resp: 73704

Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	204.6





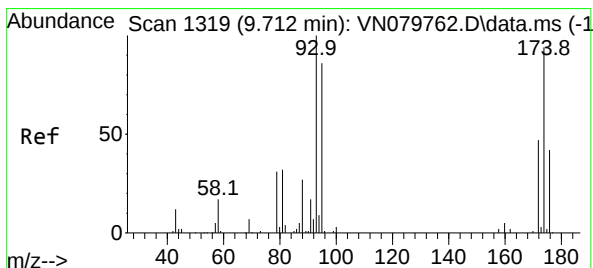
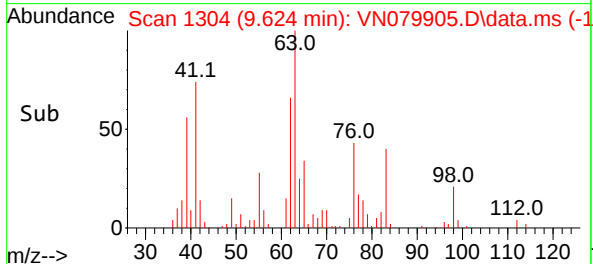
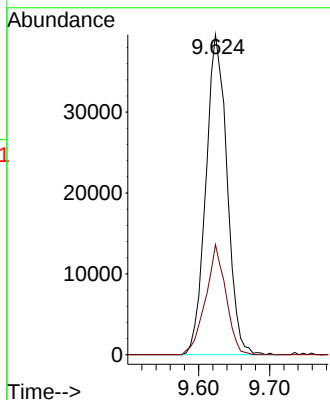
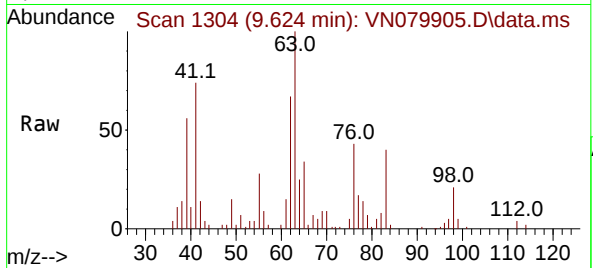
#45
1,2-Dichloropropane
Concen: 20.833 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 63 Resp: 8192
Ion Ratio Lower Upper
63 100
65 34.4 23.9 35.9

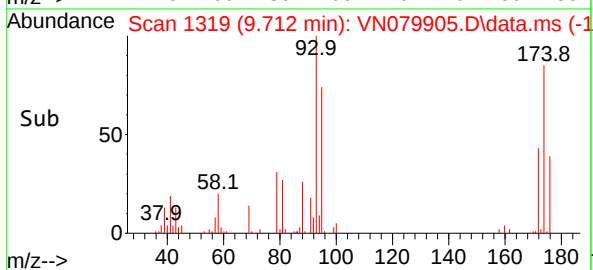
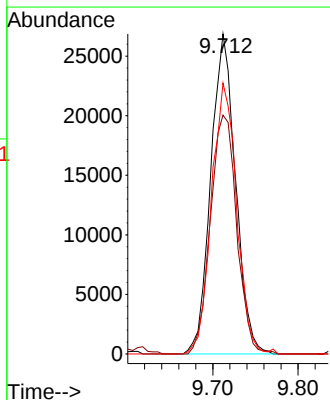
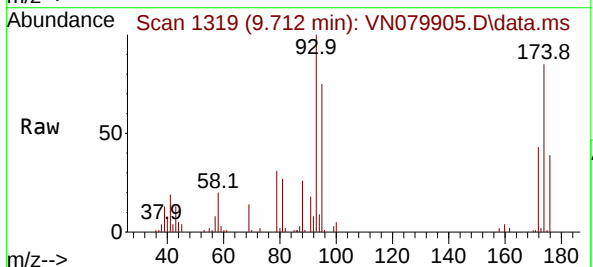
Manual Integrations
APPROVED

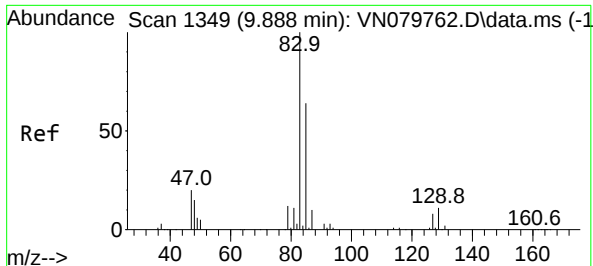
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#46
Dibromomethane
Concen: 20.147 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 93 Resp: 54098
Ion Ratio Lower Upper
93 100
95 79.4 63.8 95.8
174 86.2 65.6 98.4





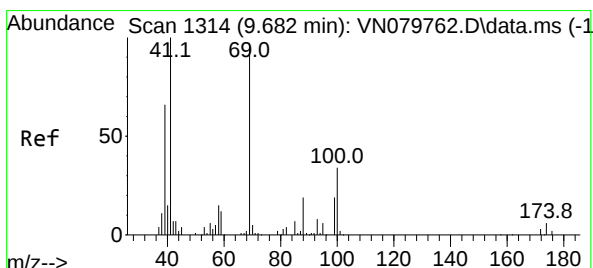
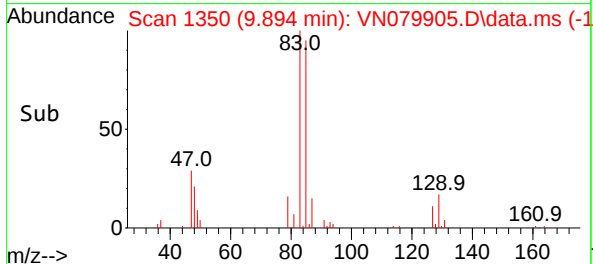
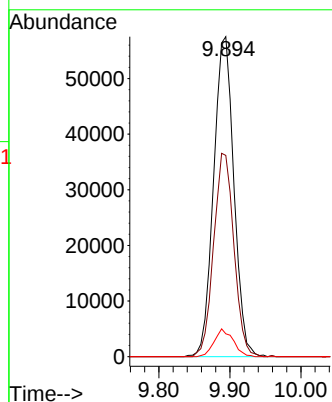
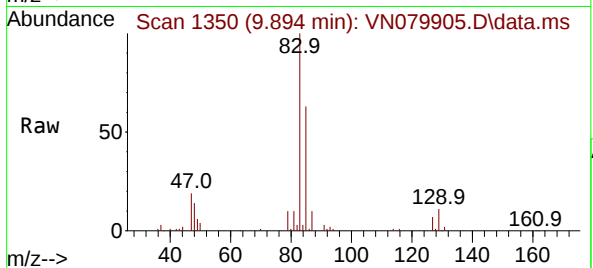
#47
Bromodichloromethane
Concen: 19.874 ug/l
RT: 9.894 min Scan# 11381
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 83 Resp: 11381
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 7.1 7.0 10.6

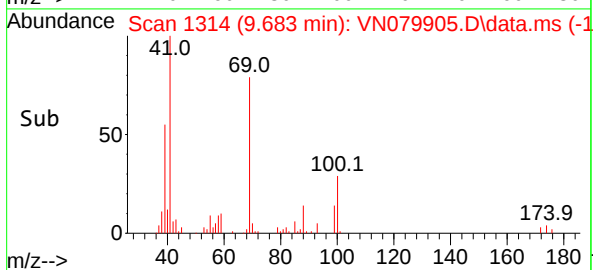
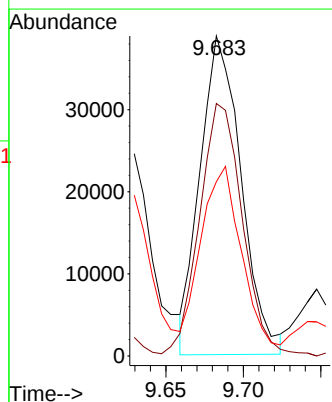
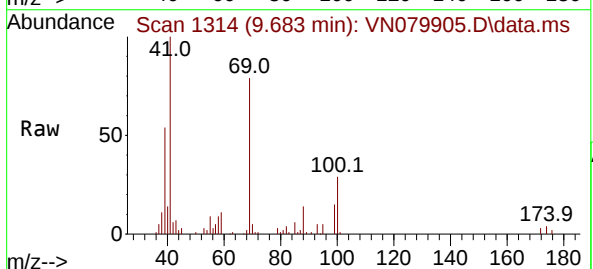
Manual Integrations
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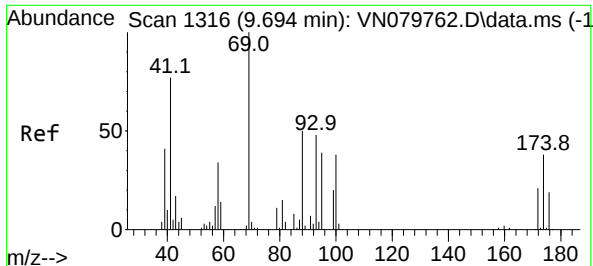
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 19.804 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 41 Resp: 71679
Ion Ratio Lower Upper
41 100
69 83.0 90.4 135.6#
39 59.4 54.6 81.8





#49

1,4-Dioxane

Concen: 358.970 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 88 Resp: 2295

Ion Ratio Lower Upper

88 100

43 29.9 17.0 25.6

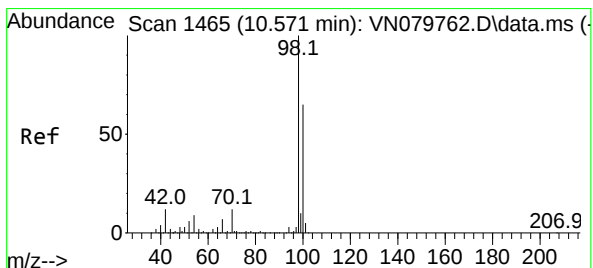
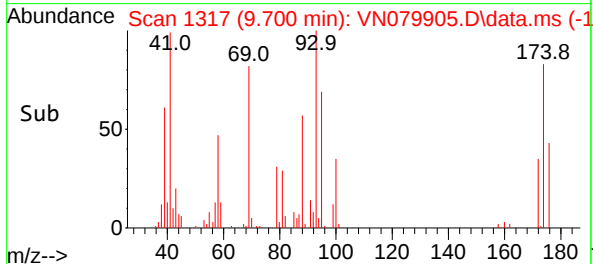
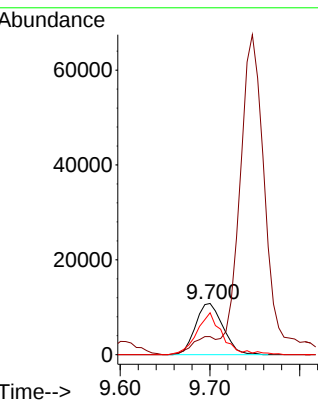
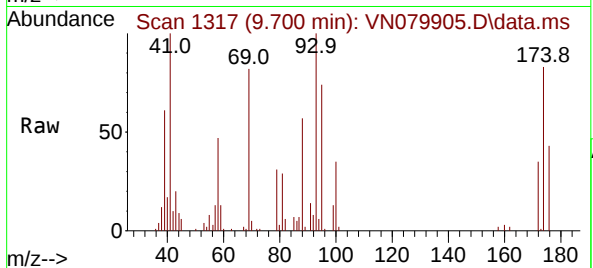
58 77.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 53.599 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079905.D

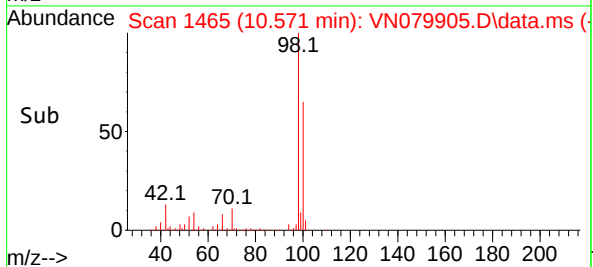
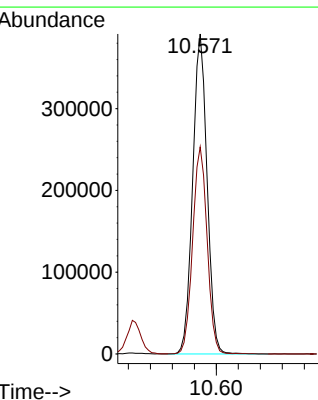
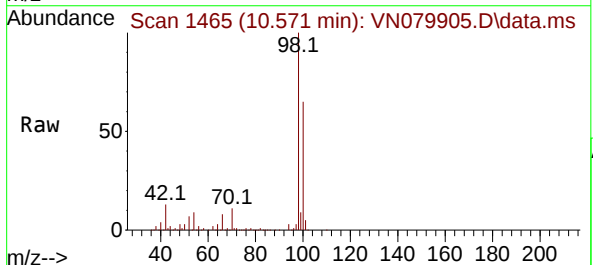
Acq: 04 Nov 2023 20:04

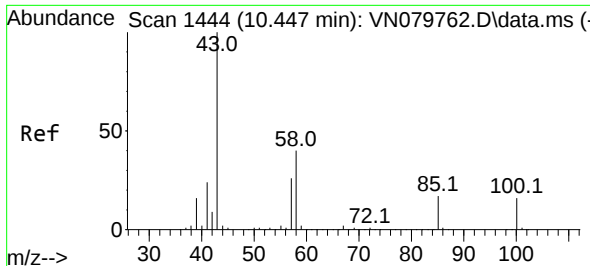
Tgt Ion: 98 Resp: 710010

Ion Ratio Lower Upper

98 100

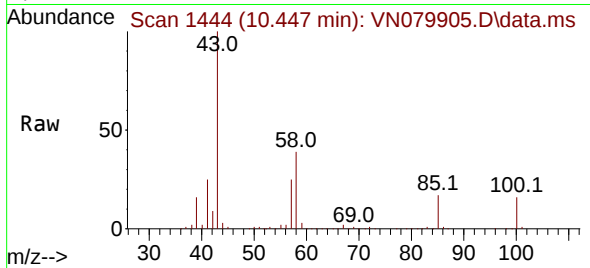
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.897 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

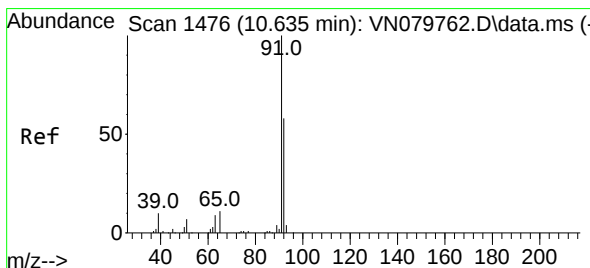
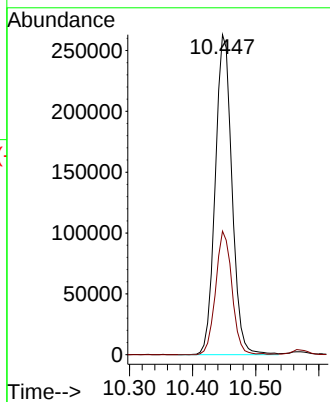
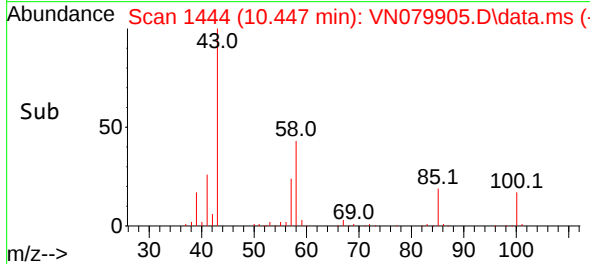
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion: 43 Resp: 483340
Ion Ratio Lower Upper
43 100
58 37.8 36.6 54.8

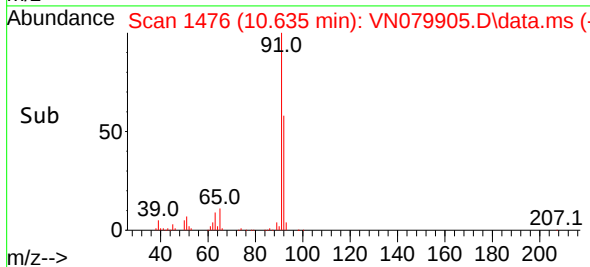
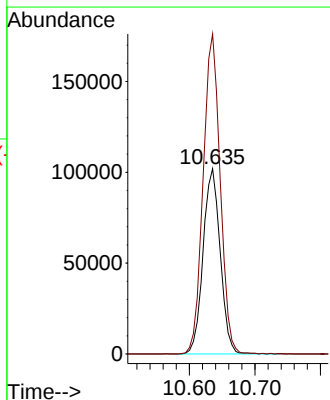
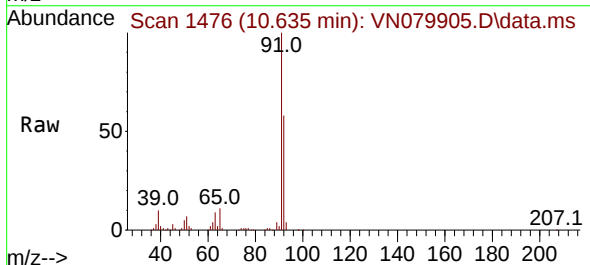
Manual Integrations
APPROVED

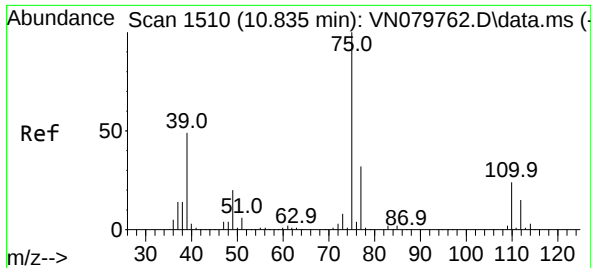
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 20.299 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 92 Resp: 185187
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0





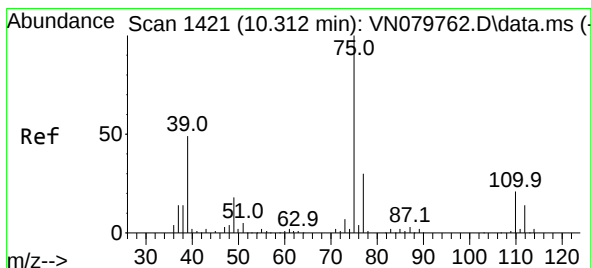
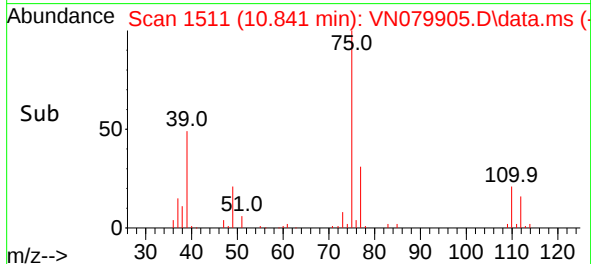
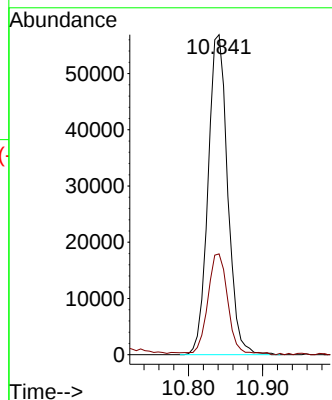
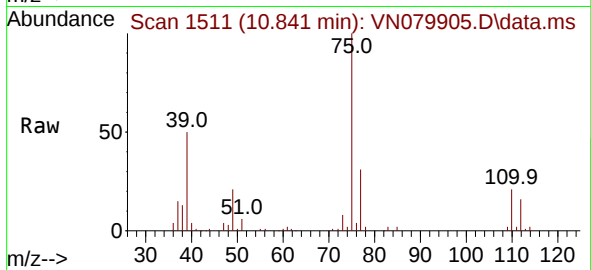
#53
t-1,3-Dichloropropene
Concen: 18.626 ug/l
RT: 10.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 75 Resp: 104569
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

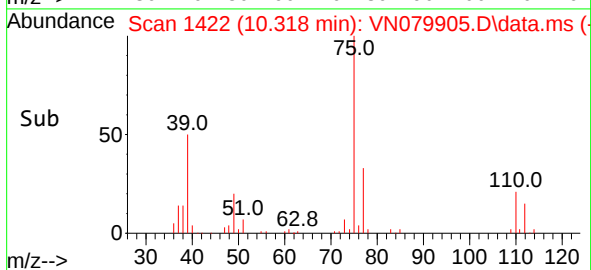
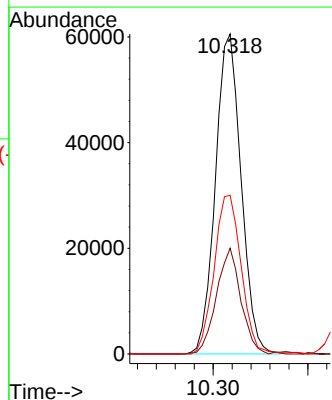
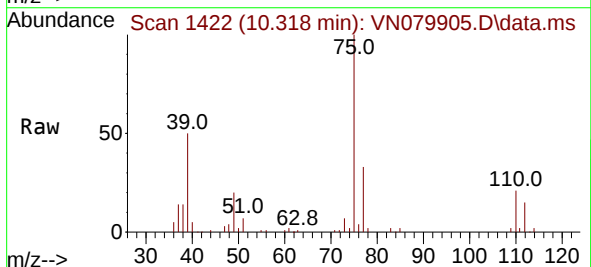
Manual Integrations
APPROVED

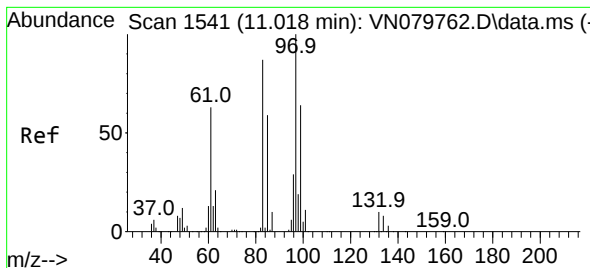
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#54
cis-1,3-Dichloropropene
Concen: 18.668 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

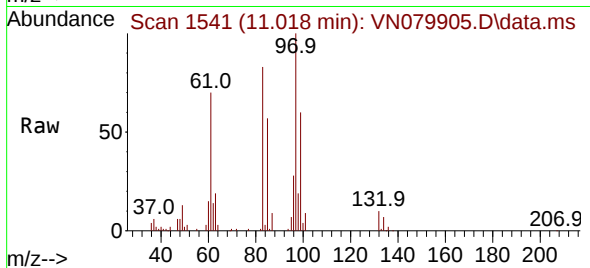
Tgt Ion: 75 Resp: 114230
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
39 49.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.040 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

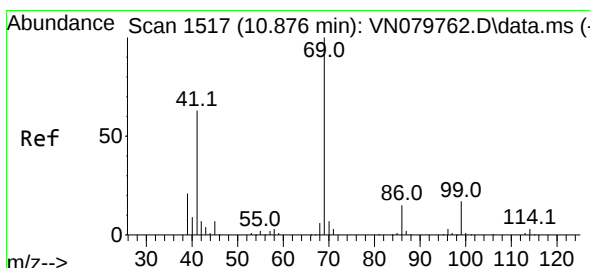
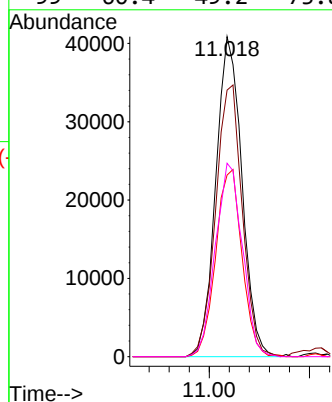
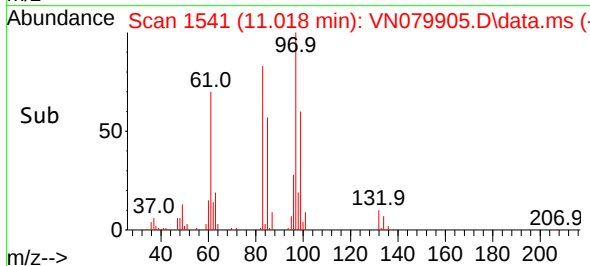
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion:	97	Resp:	7353
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	56.8	43.4	65.2
99	60.4	49.2	73.8

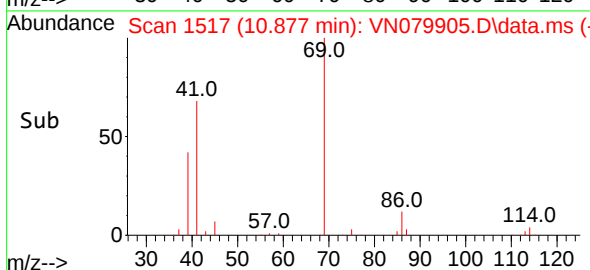
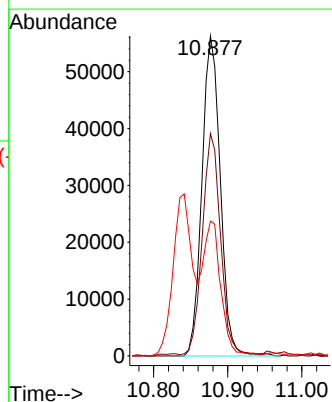
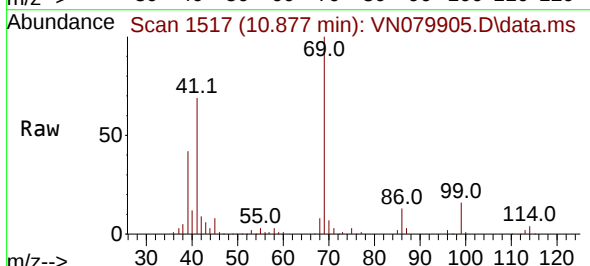
Manual Integrations
APPROVED

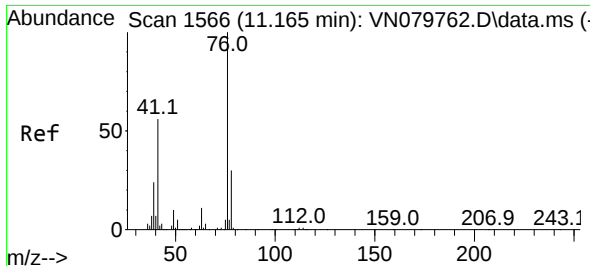
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 18.517 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion:	69	Resp:	96919
Ion	Ratio	Lower	Upper
69	100		
41	68.1	39.6	59.4
39	40.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.966 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079905.D

Acq: 04 Nov 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 76 Resp: 129139

Ion Ratio Lower Upper

76 100

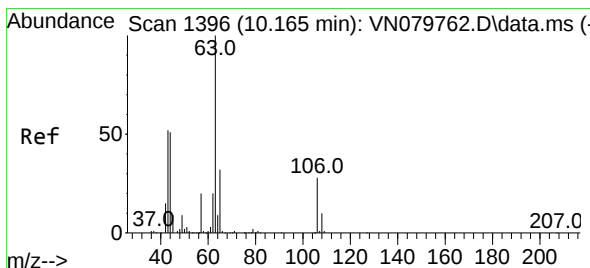
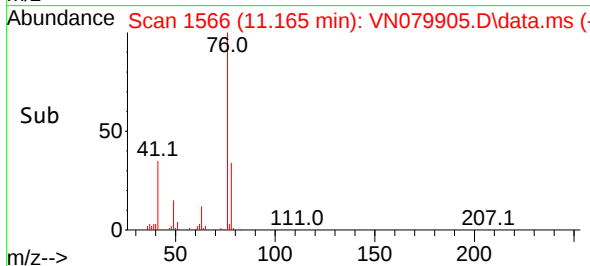
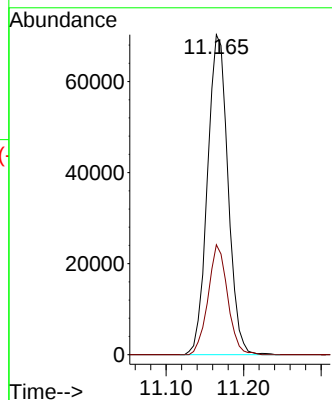
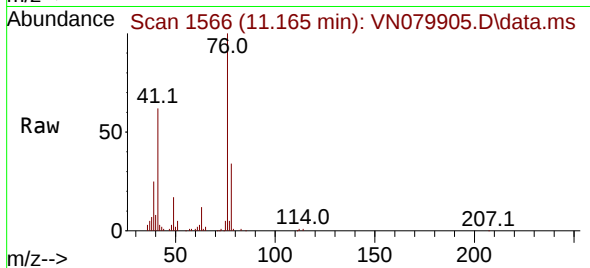
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.096 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079905.D

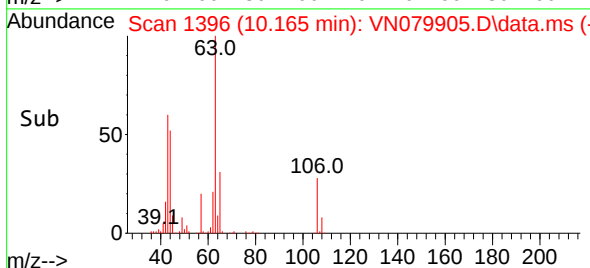
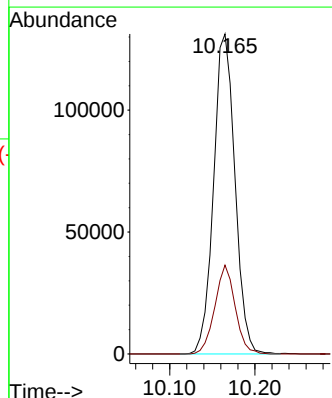
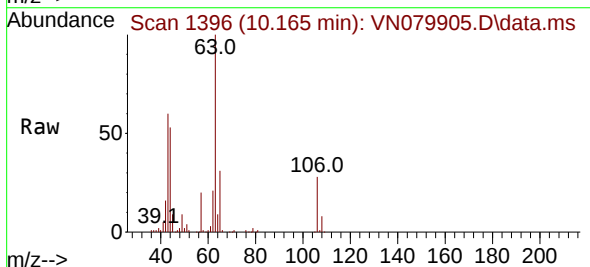
Acq: 04 Nov 2023 20:04

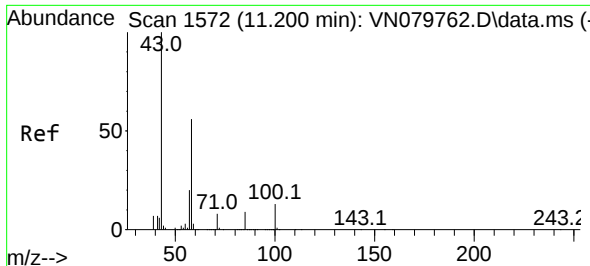
Tgt Ion: 63 Resp: 228393

Ion Ratio Lower Upper

63 100

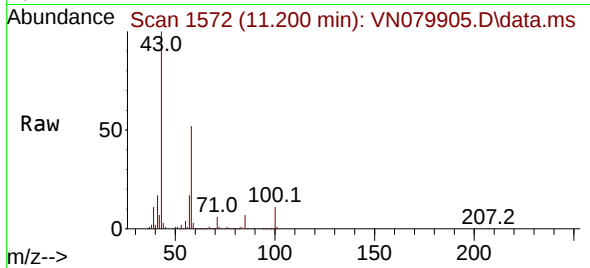
106 26.4 26.2 39.4





#59
2-Hexanone
Concen: 96.268 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

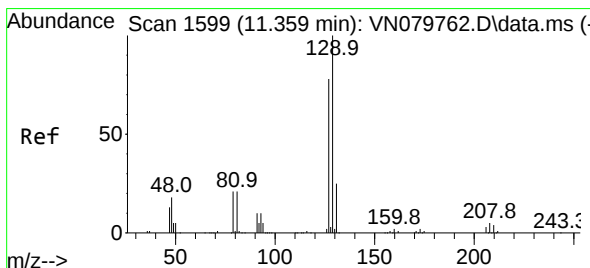
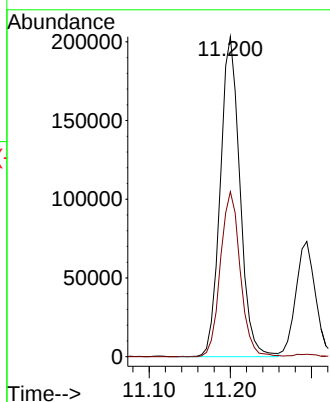
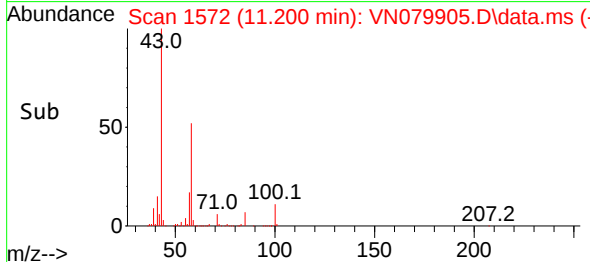
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



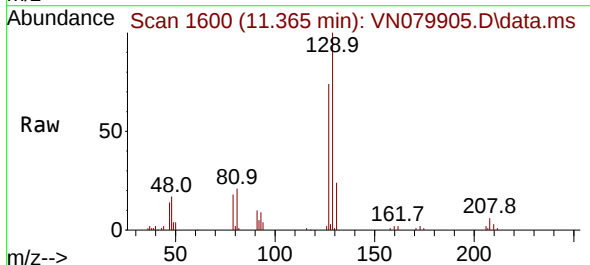
Tgt Ion: 43 Resp: 34261
Ion Ratio Lower Upper
43 100
58 51.9 31.7 95.1

Manual Integrations
APPROVED

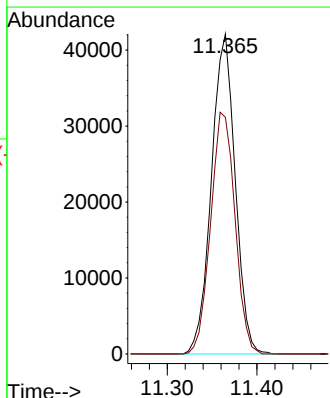
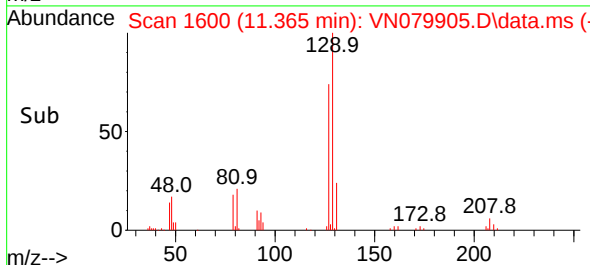
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 19.735 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



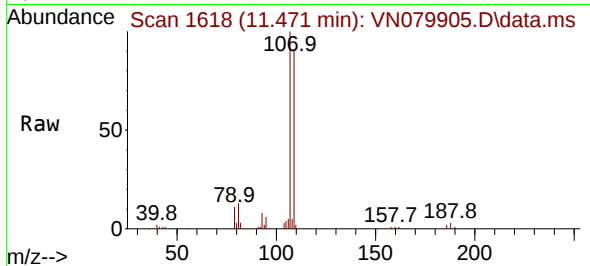
Tgt Ion:129 Resp: 77512
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.408 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

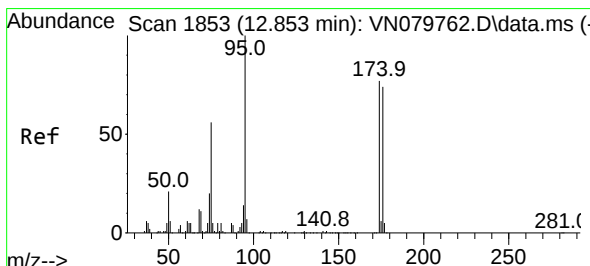
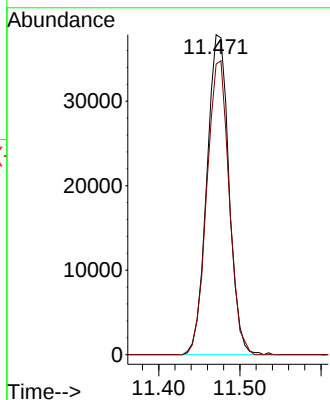
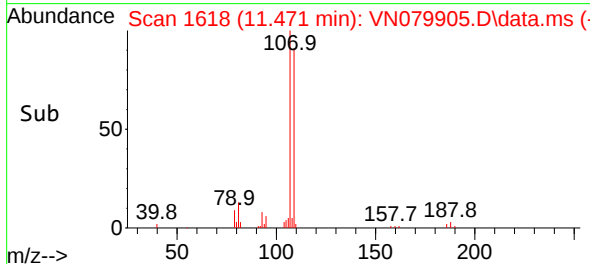
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



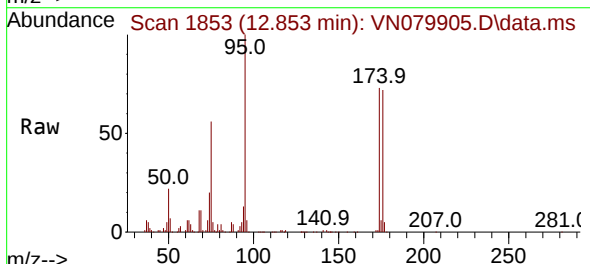
Tgt Ion:107 Resp: 7147
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8

Manual Integrations
APPROVED

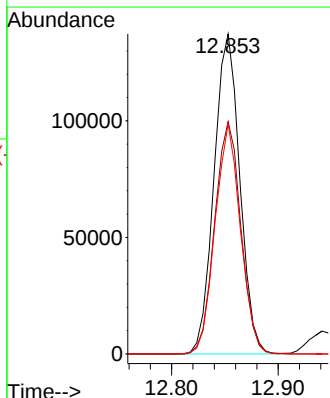
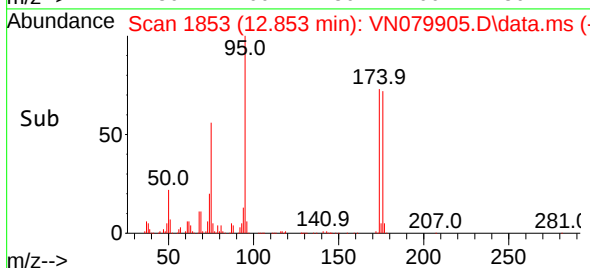
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

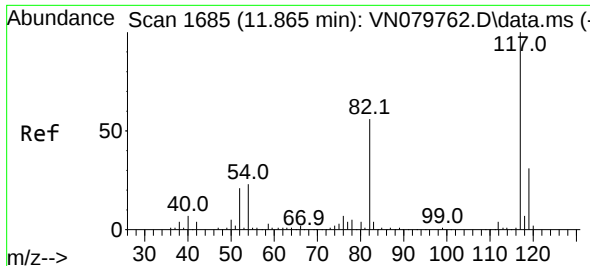


#62
4-Bromofluorobenzene
Concen: 52.397 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



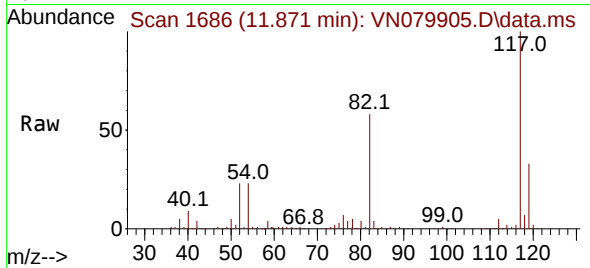
Tgt Ion: 95 Resp: 230194
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

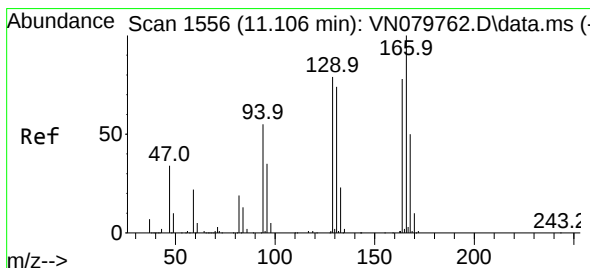
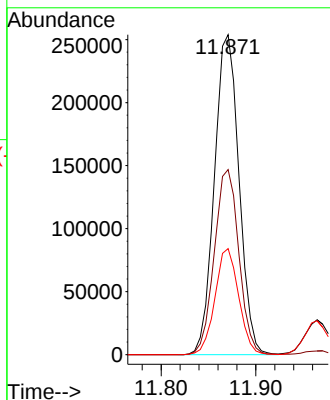
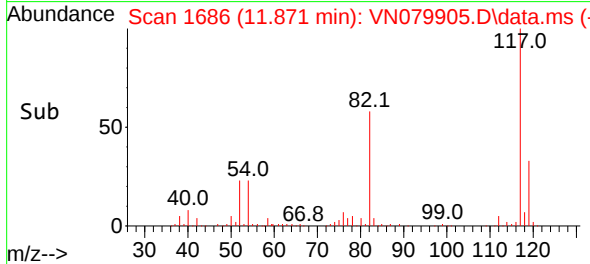
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion:117 Resp: 458284
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 33.1 25.6 38.4

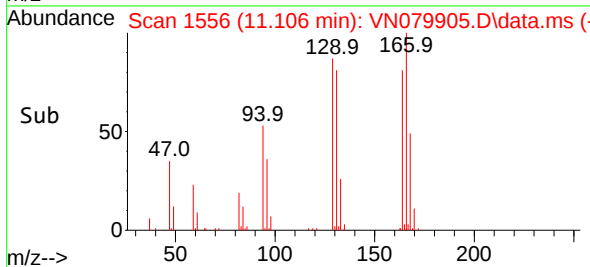
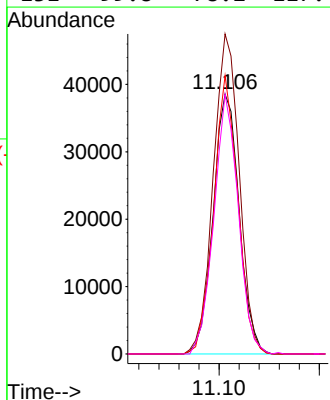
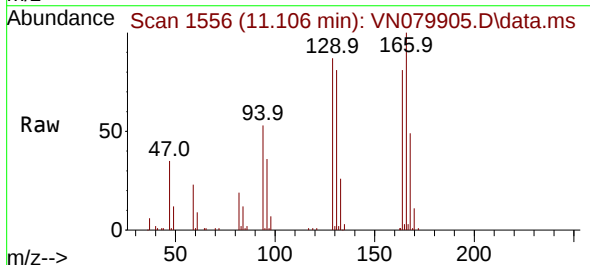
Manual Integrations
APPROVED

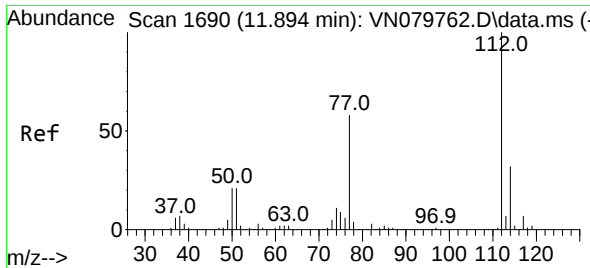
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 23.473 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion:164 Resp: 69669
Ion Ratio Lower Upper
164 100
166 123.1 101.4 152.0
129 107.1 82.4 123.6
131 99.8 78.2 117.4





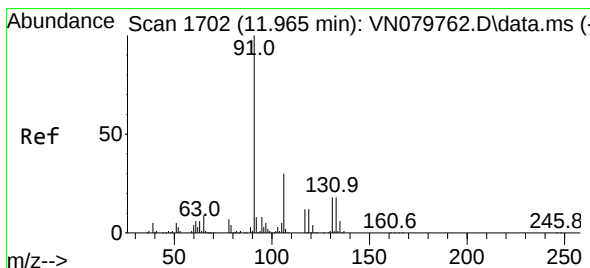
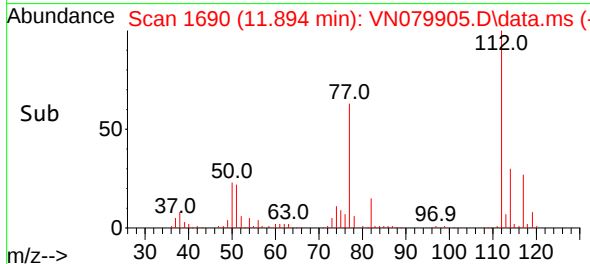
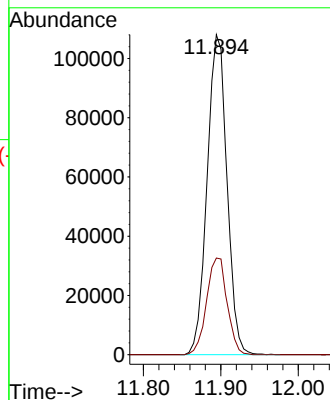
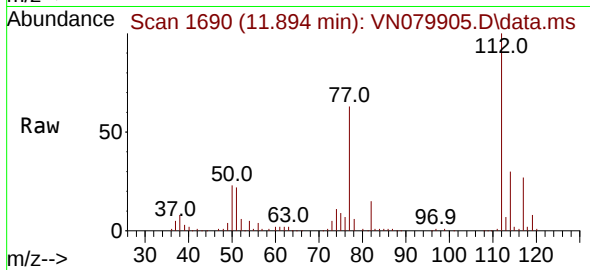
#65
Chlorobenzene
Concen: 19.317 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:112 Resp: 19203
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

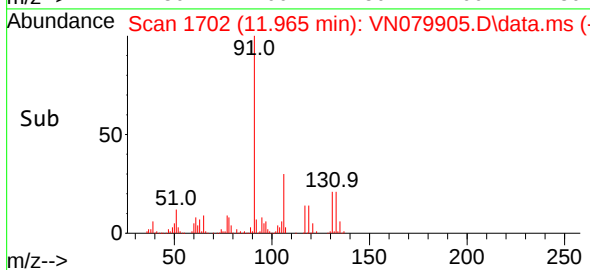
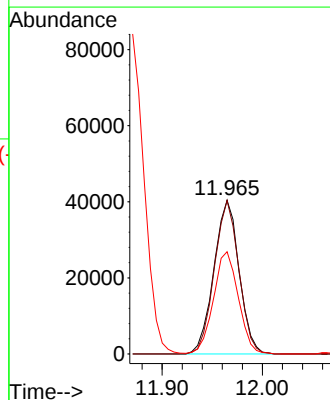
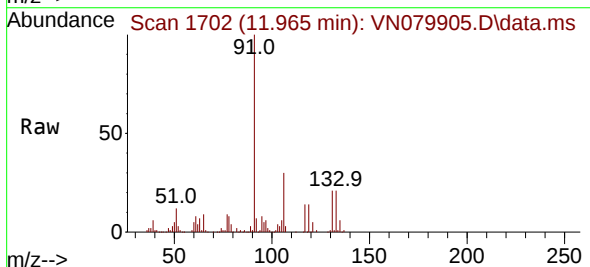
Manual Integrations
APPROVED

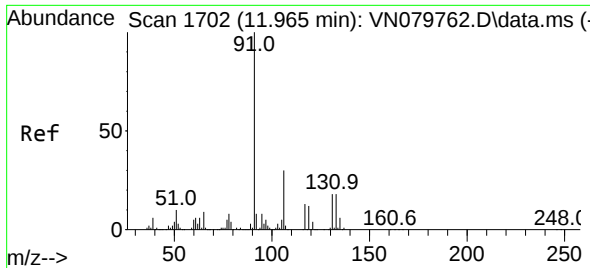
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

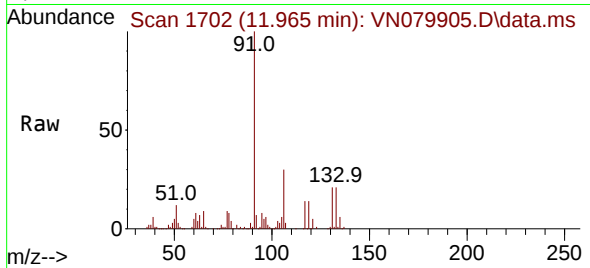
Tgt Ion:131 Resp: 70665
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 65.6 34.1 102.2





#67
Ethyl Benzene
Concen: 18.711 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

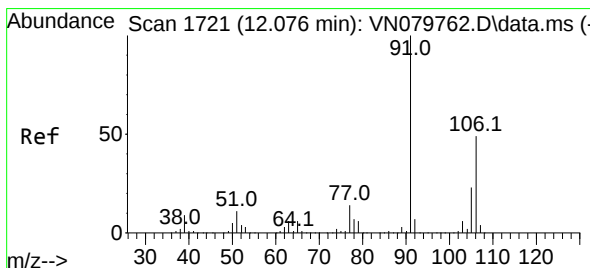
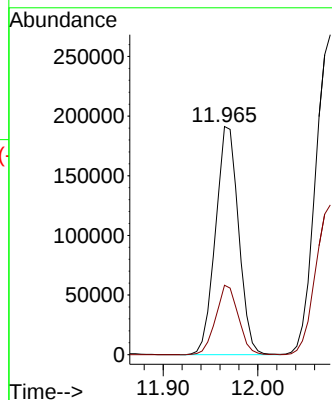
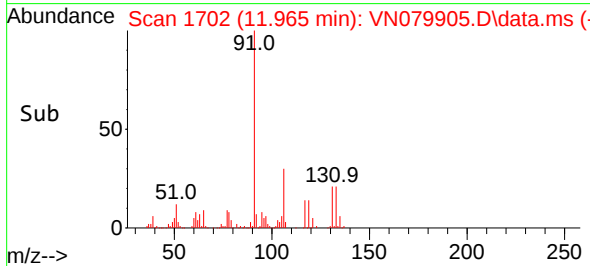
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



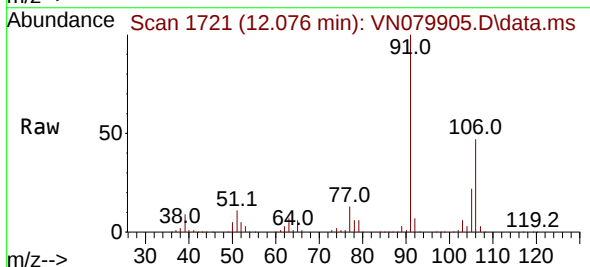
Tgt Ion: 91 Resp: 324078
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

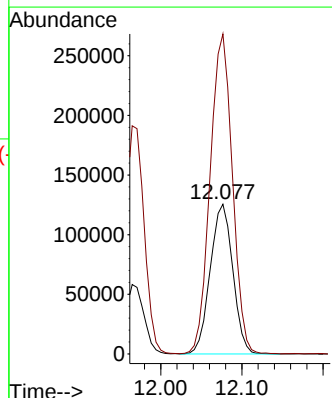
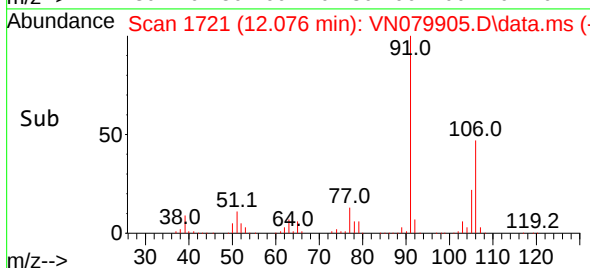
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

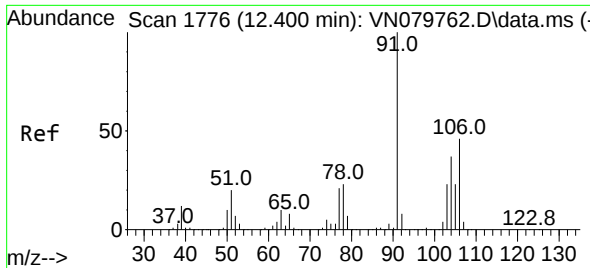


#68
m/p-Xylenes
Concen: 37.577 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



Tgt Ion:106 Resp: 242442
Ion Ratio Lower Upper
106 100
91 210.9 159.6 239.4





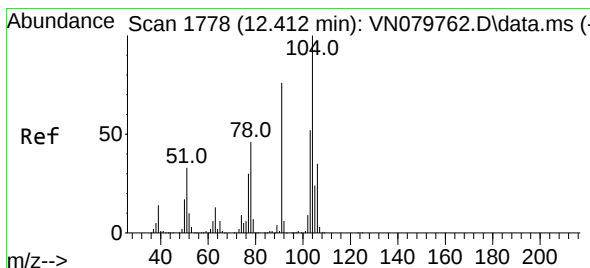
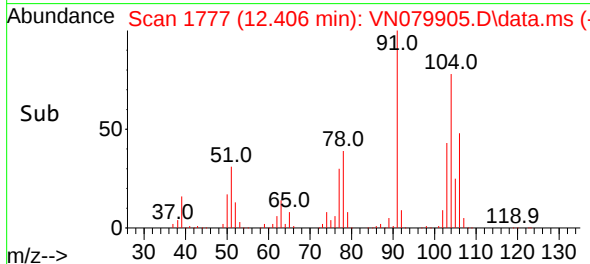
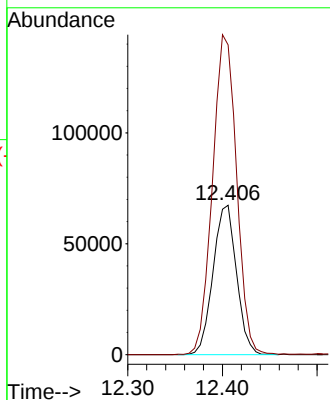
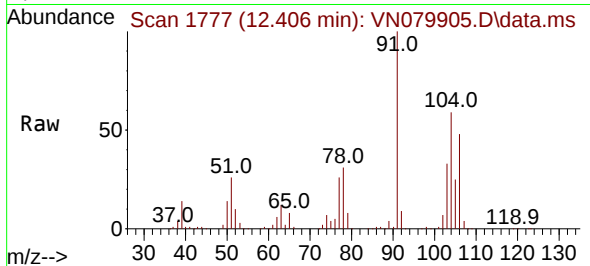
#69
o-Xylene
Concen: 18.674 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:106 Resp: 11602
Ion Ratio Lower Upper
106 100
91 220.0 105.2 315.5

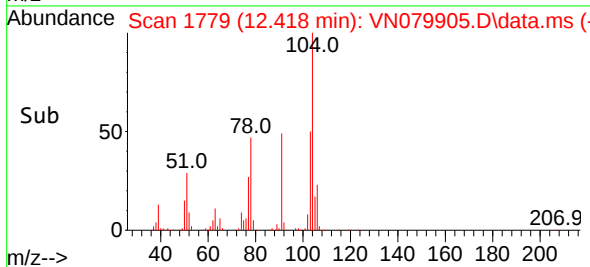
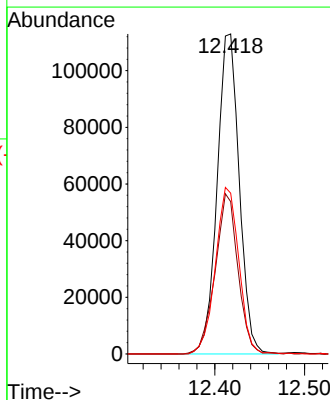
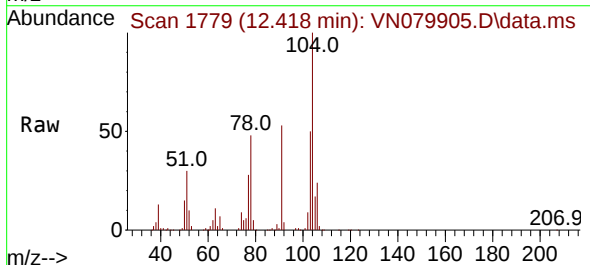
Manual Integrations
APPROVED

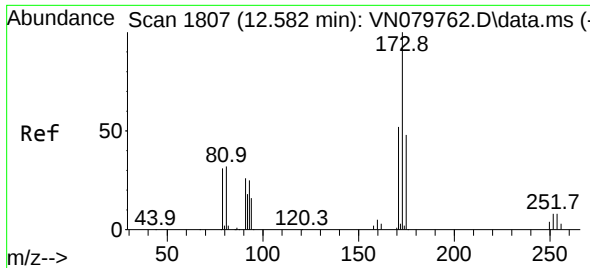
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 19.368 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

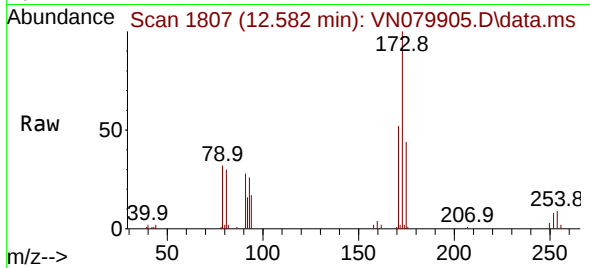
Tgt Ion:104 Resp: 193381
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 19.772 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

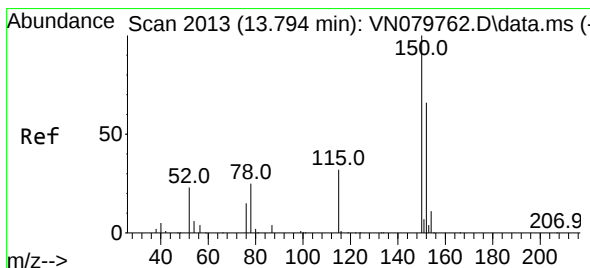
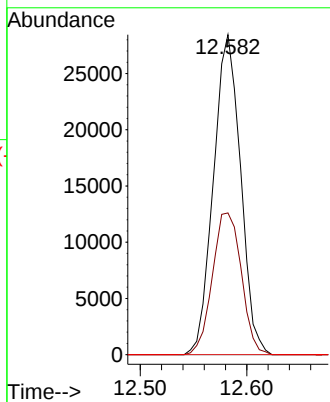
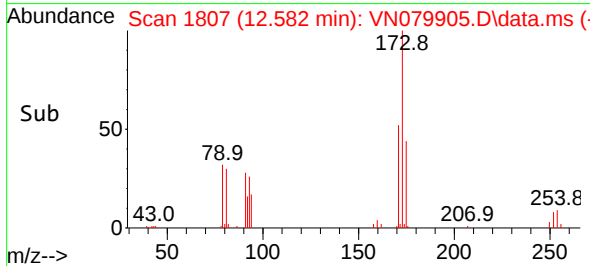
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



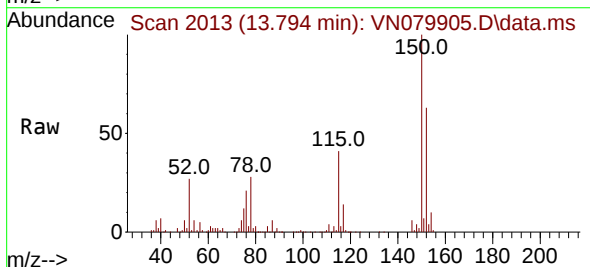
Tgt Ion:173 Resp: 50280
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

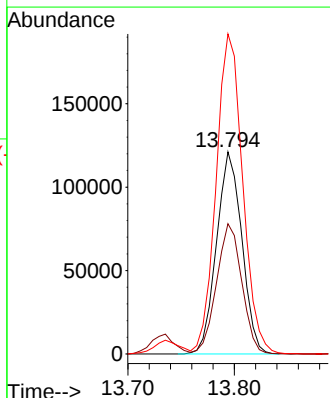
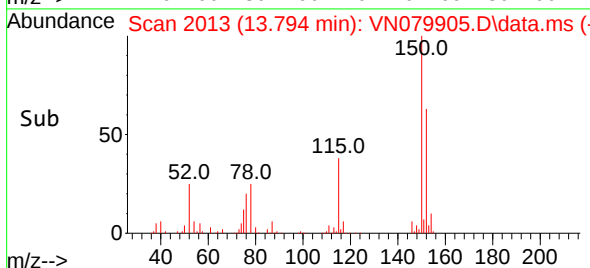
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

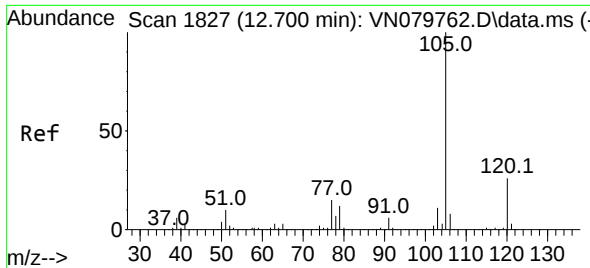


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



Tgt Ion:152 Resp: 199696
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 166.5 0.0 355.8





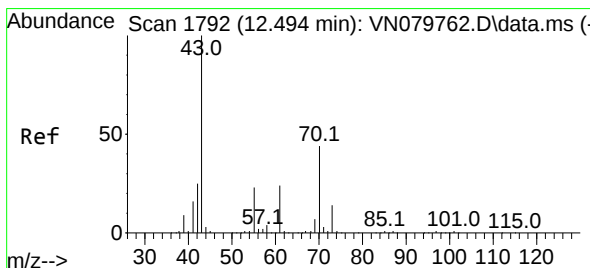
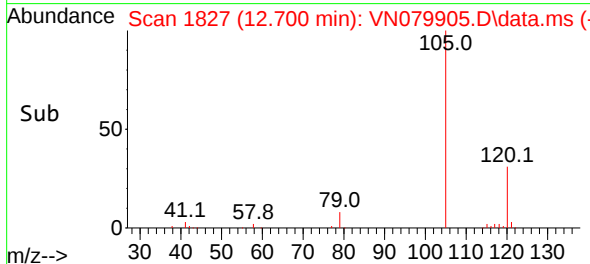
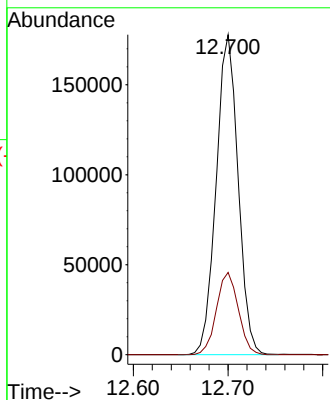
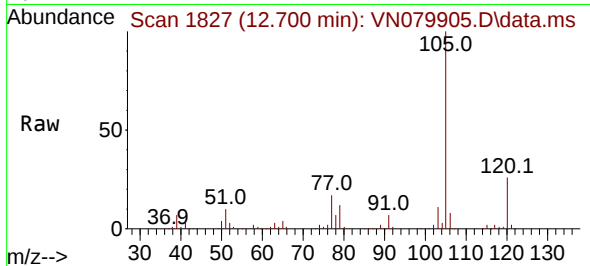
#73
Isopropylbenzene
Concen: 18.877 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:105 Resp: 286100
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

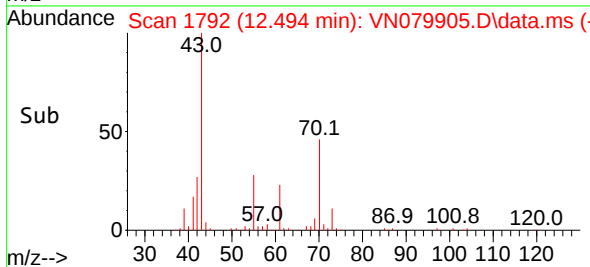
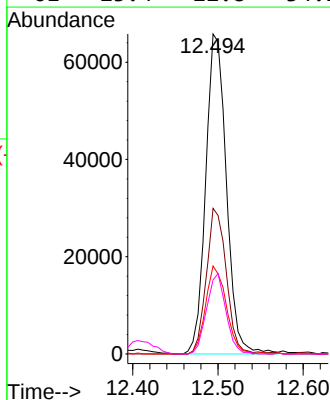
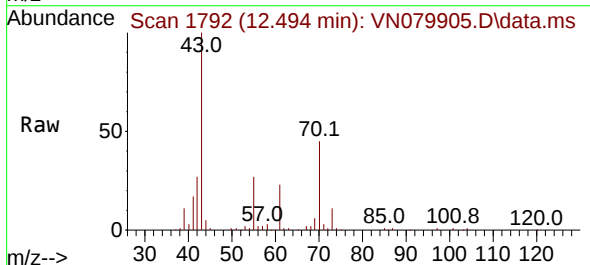
Manual Integrations
APPROVED

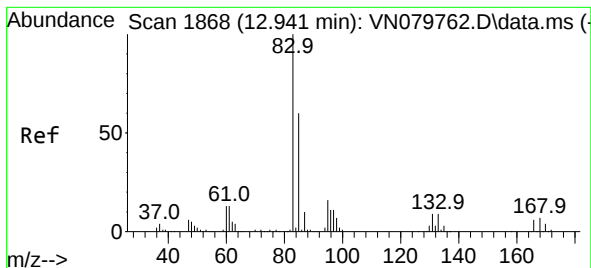
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 16.786 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

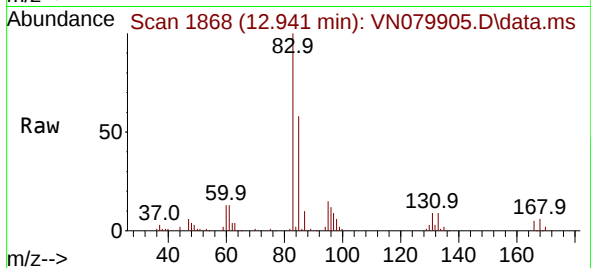
Tgt Ion: 43 Resp: 111046
Ion Ratio Lower Upper
43 100
70 44.1 43.4 65.2
55 27.4 21.4 32.0
61 23.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.398 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

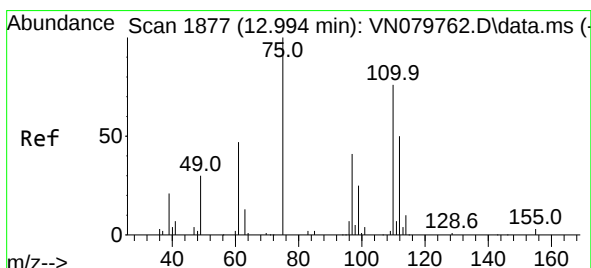
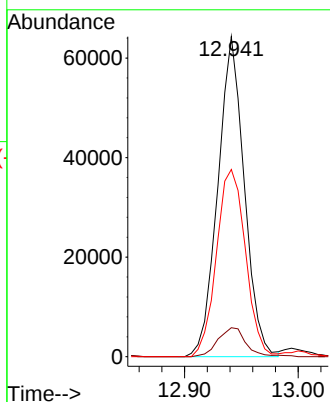
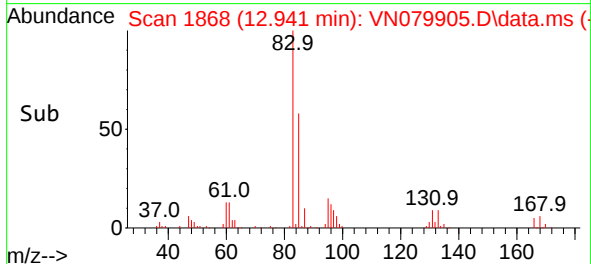
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



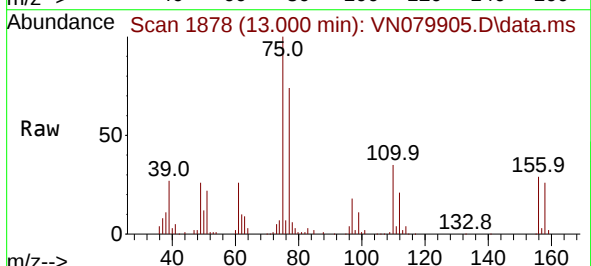
Tgt Ion: 83 Resp: 104234
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.0 31.9 95.7

Manual Integrations
APPROVED

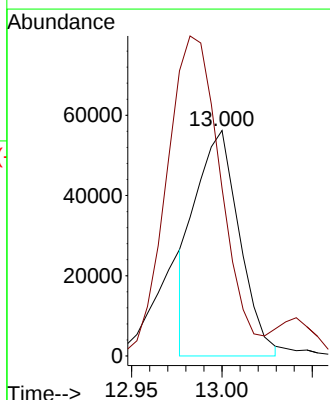
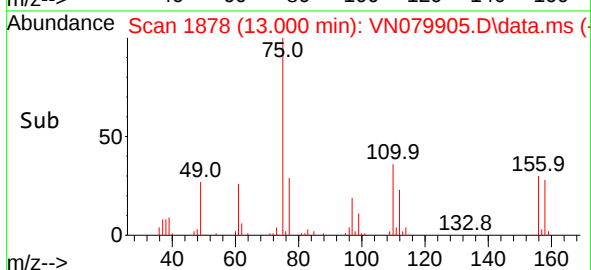
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

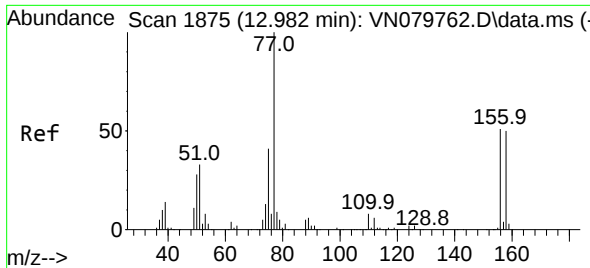


#76
1,2,3-Trichloropropane
Concen: 20.458 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



Tgt Ion: 75 Resp: 95915
Ion Ratio Lower Upper
75 100
77 174.3 84.5 253.5





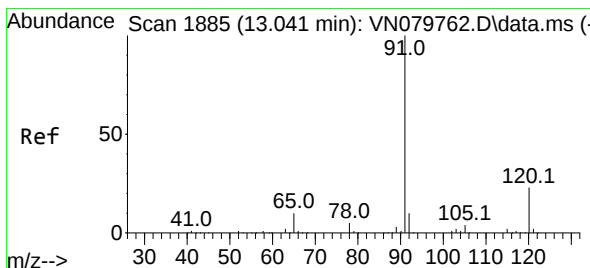
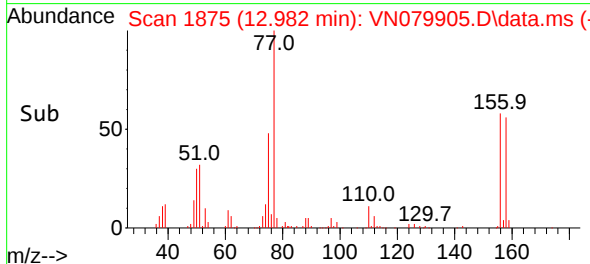
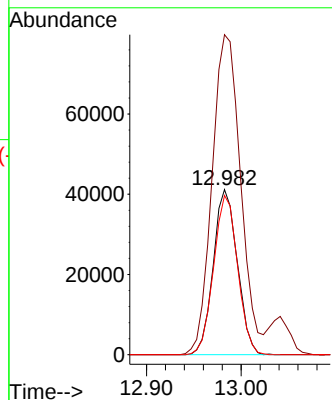
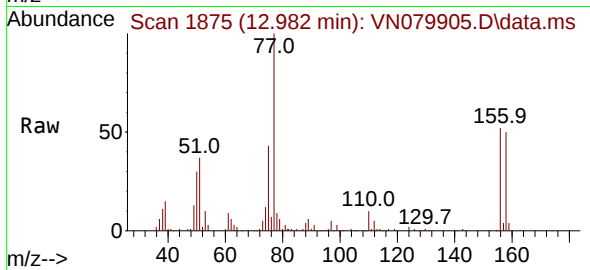
#77
Bromobenzene
Concen: 19.528 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:156 Resp: 72458
Ion Ratio Lower Upper
156 100
77 230.8 107.7 323.3
158 96.4 48.4 145.3

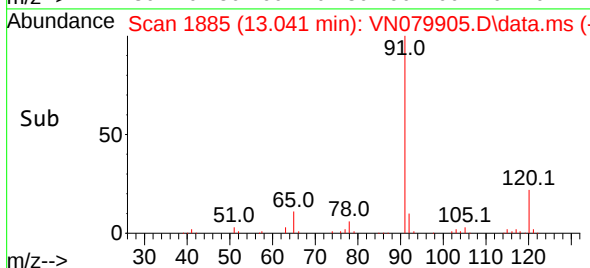
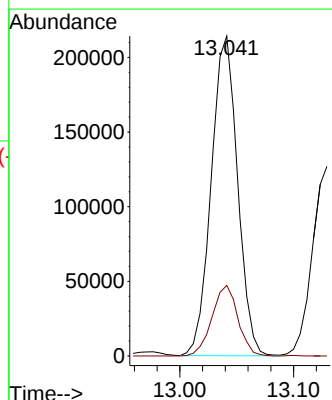
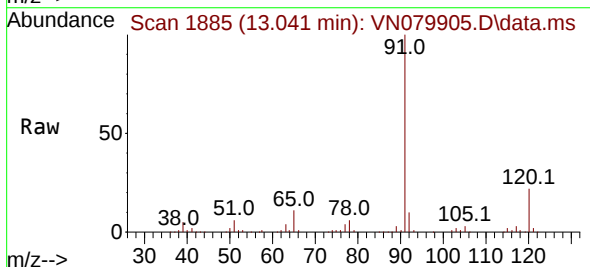
Manual Integrations
APPROVED

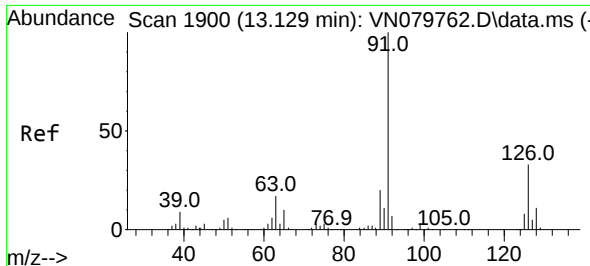
Reviewed By :John Carbone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#78
n-propylbenzene
Concen: 19.891 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion: 91 Resp: 345215
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





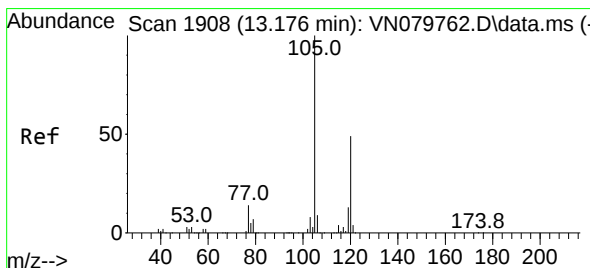
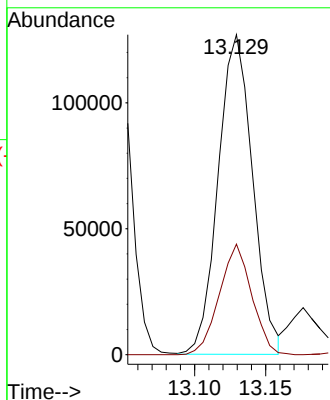
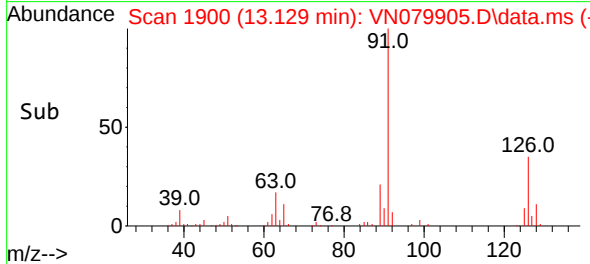
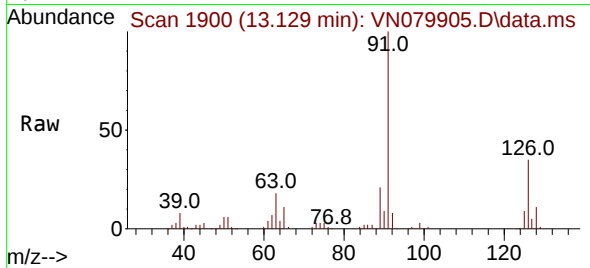
#79
2-Chlorotoluene
Concen: 19.347 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 91 Resp: 214508
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

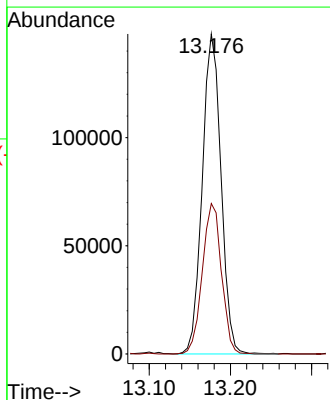
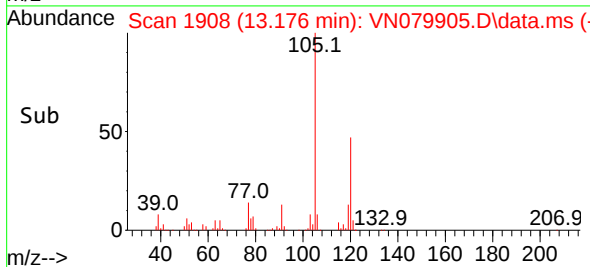
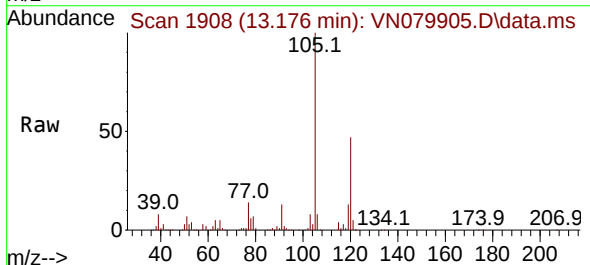
Manual Integrations
APPROVED

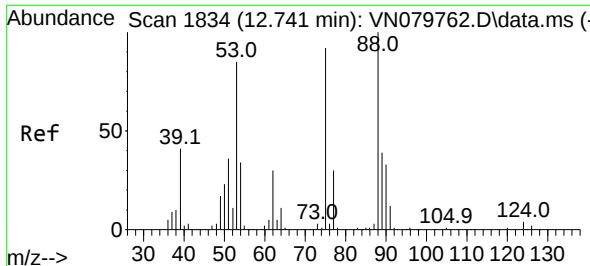
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.131 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

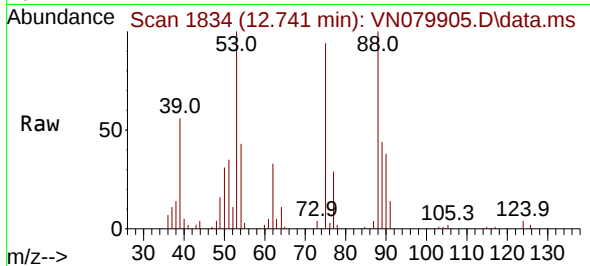
Tgt Ion:105 Resp: 237374
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.348 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

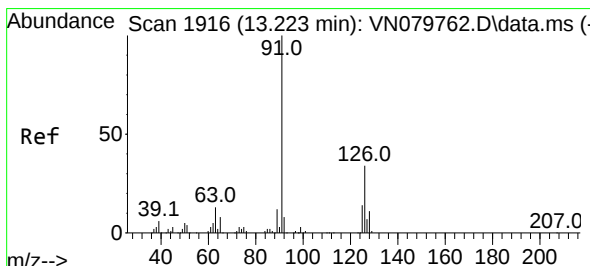
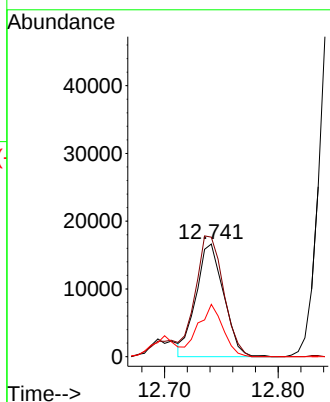
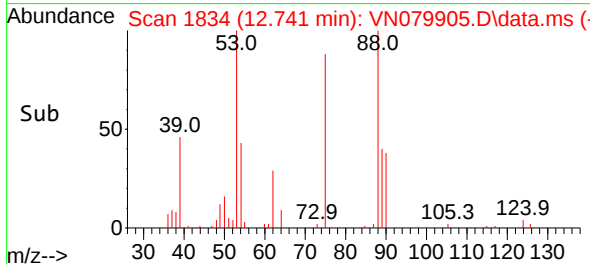
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion: 75 Resp: 28170
Ion Ratio Lower Upper
75 100
53 123.5 67.4 101.2
89 40.8 38.8 58.2

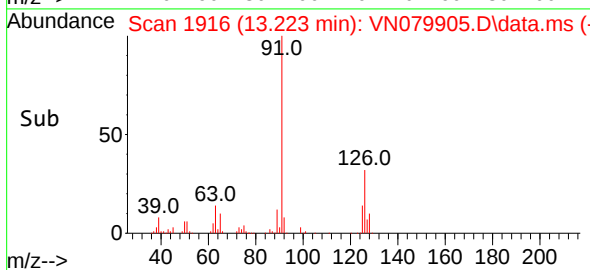
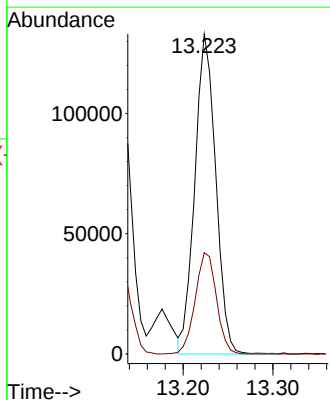
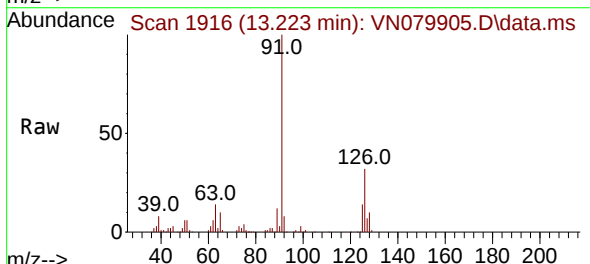
Manual Integrations
APPROVED

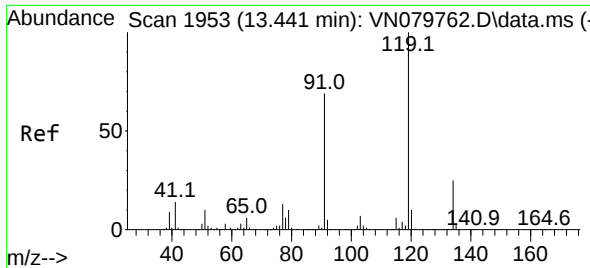
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 19.579 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

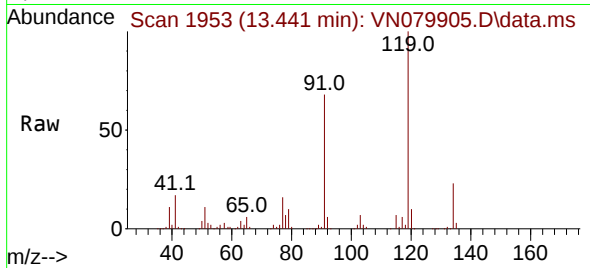
Tgt Ion: 91 Resp: 215714
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.009 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

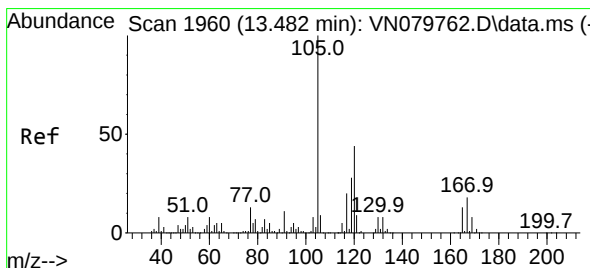
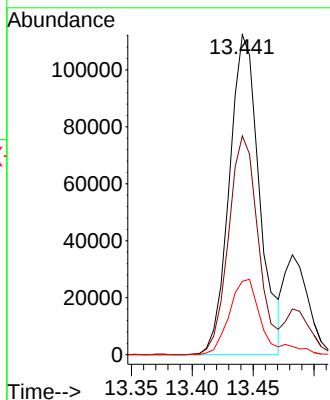
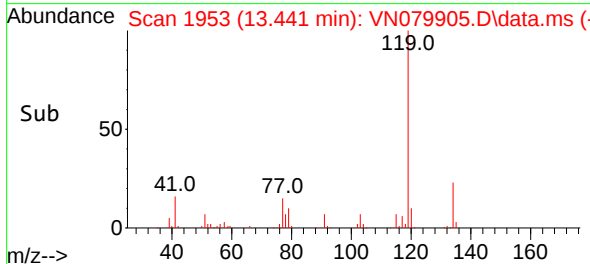
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



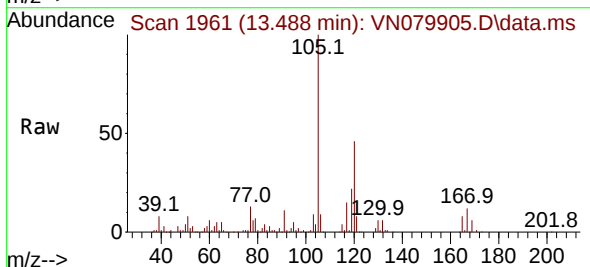
Tgt Ion:119 Resp: 19313
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

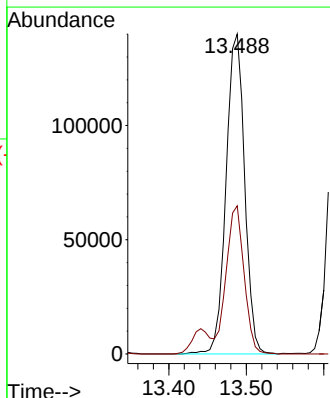
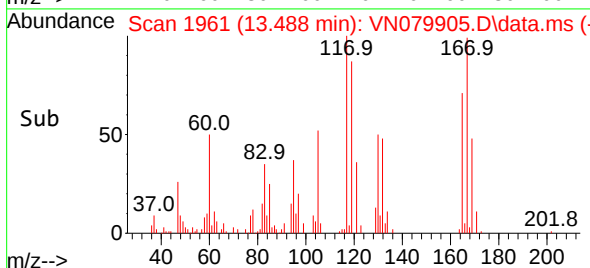
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

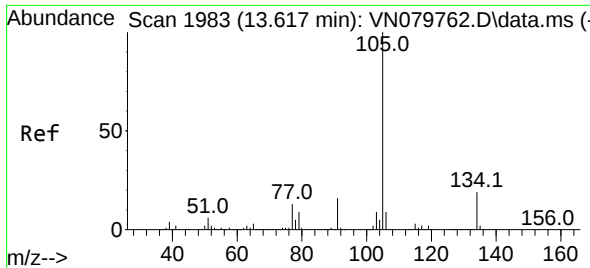


#84
1,2,4-Trimethylbenzene
Concen: 20.119 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



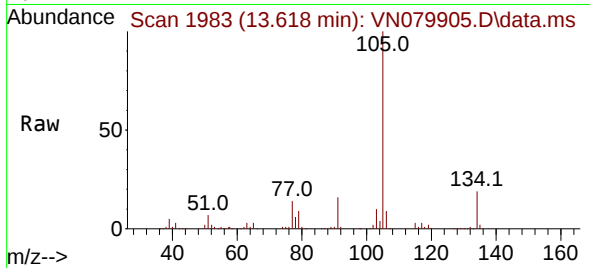
Tgt Ion:105 Resp: 233407
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.936 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04

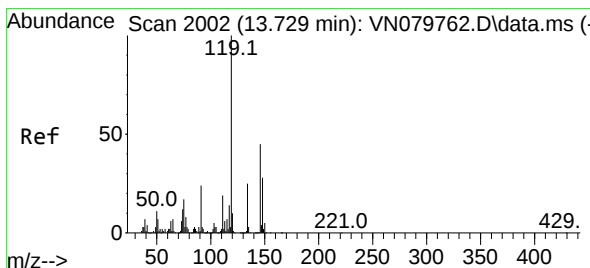
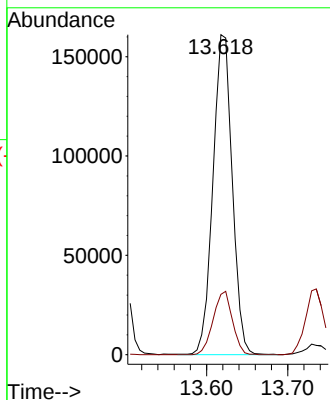
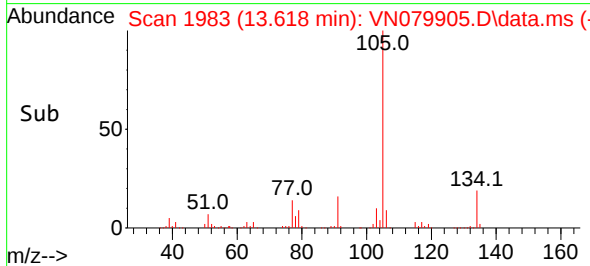
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01



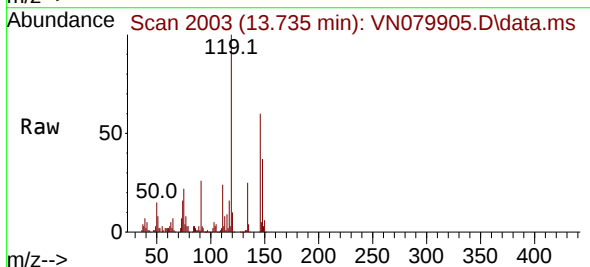
Tgt Ion:105 Resp: 266592
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

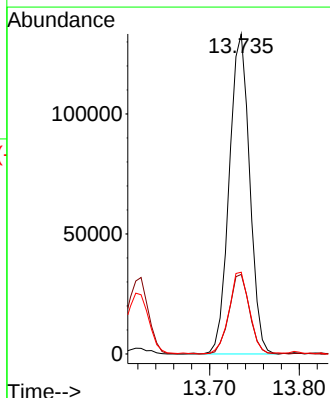
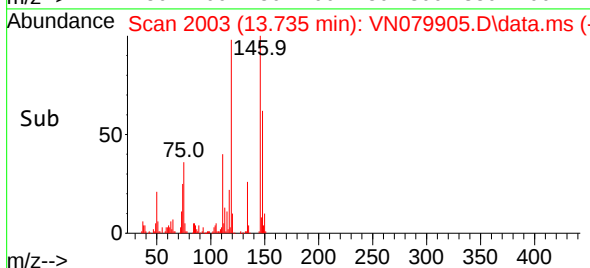
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#86
 p-Isopropyltoluene
 Concen: 19.270 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079905.D
 Acq: 04 Nov 2023 20:04



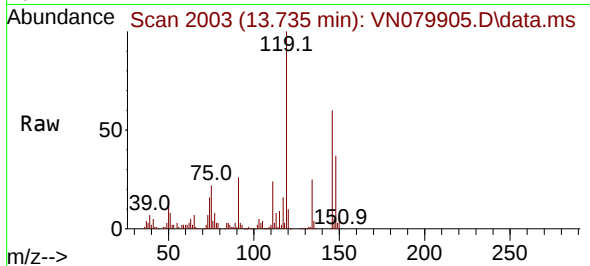
Tgt Ion:119 Resp: 210099
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 25.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.848 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

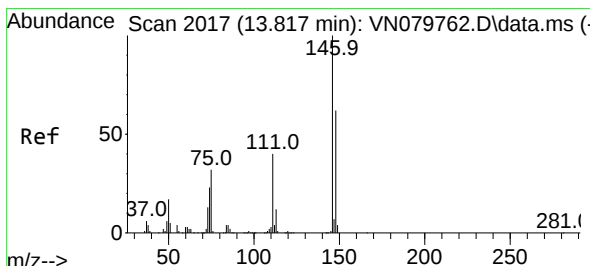
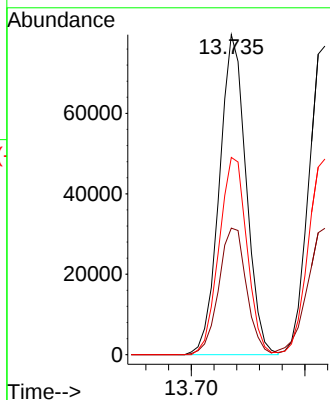
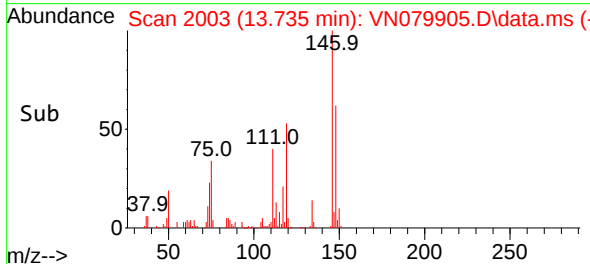
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



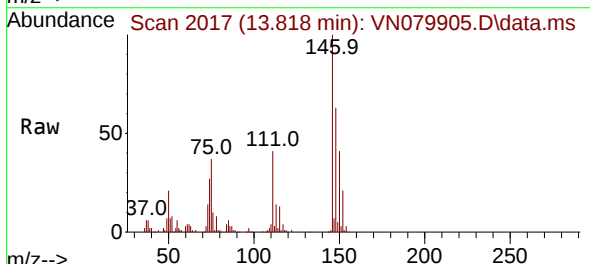
Tgt Ion:146 Resp: 130097
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 64.1 32.0 96.0

Manual Integrations
APPROVED

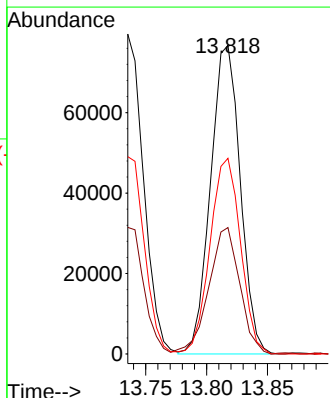
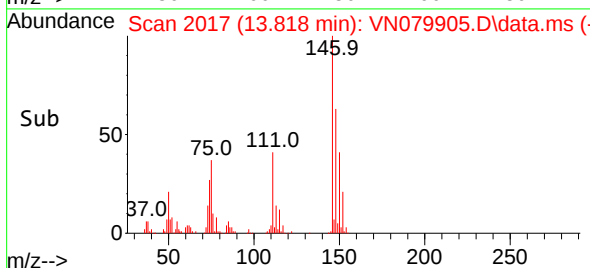
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

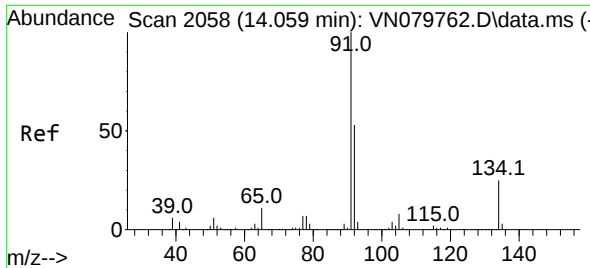


#88
1,4-Dichlorobenzene
Concen: 18.661 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



Tgt Ion:146 Resp: 130743
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 65.0 31.6 94.8





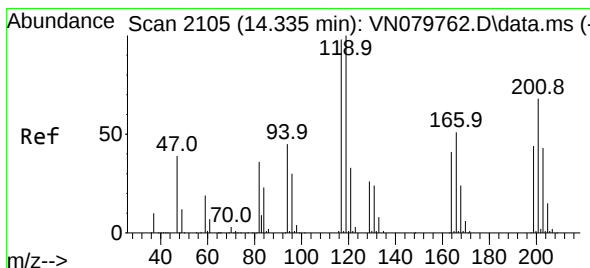
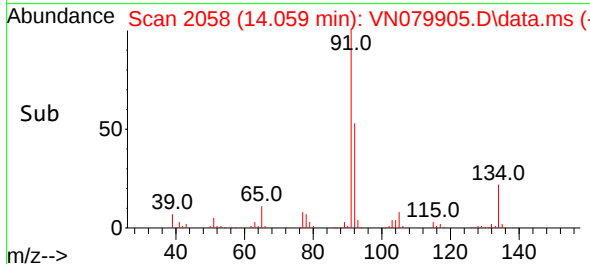
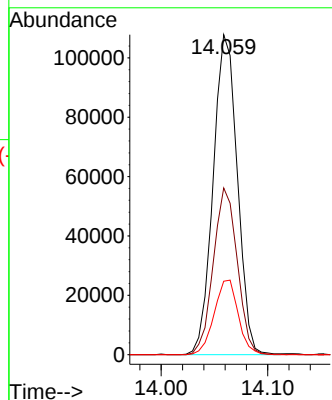
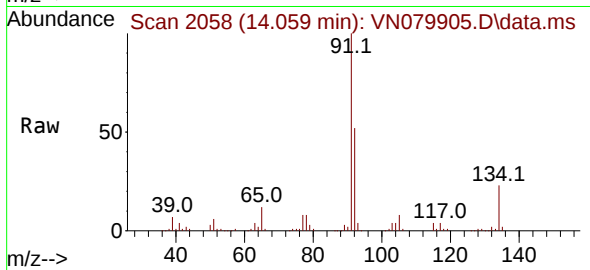
#89
n-Butylbenzene
Concen: 18.119 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 91 Resp: 170140
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 23.2 12.6 37.6

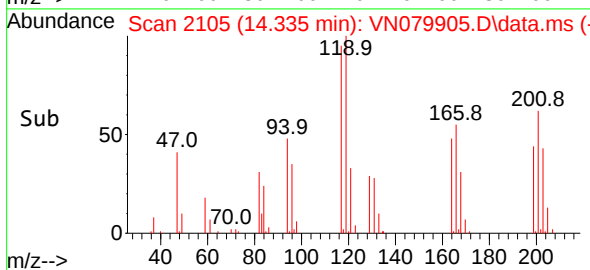
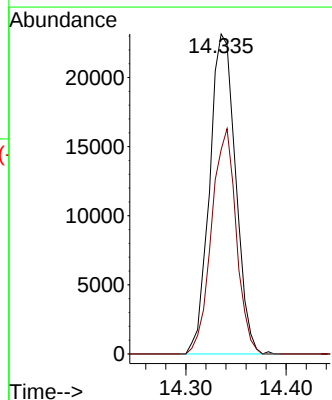
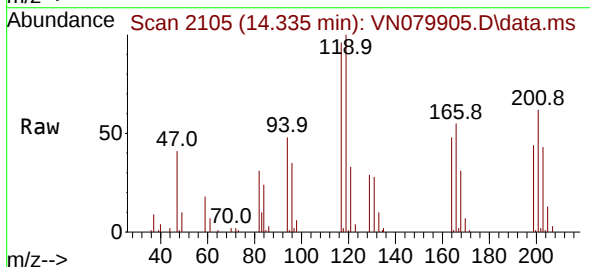
Manual Integrations
APPROVED

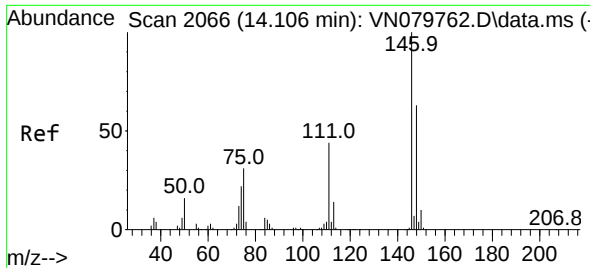
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 19.305 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Tgt Ion:117 Resp: 41683
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





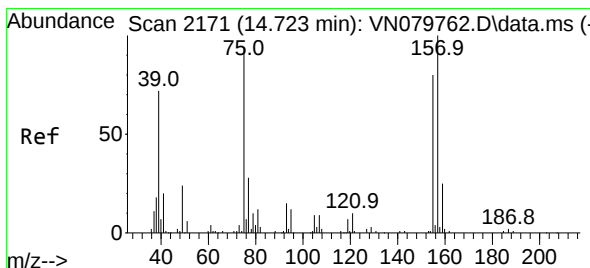
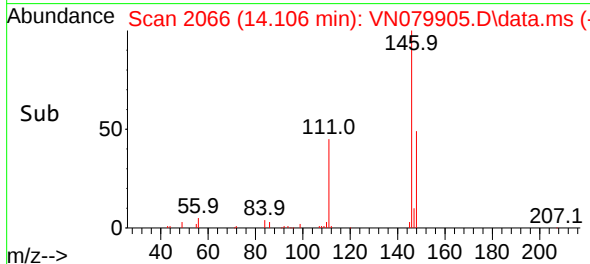
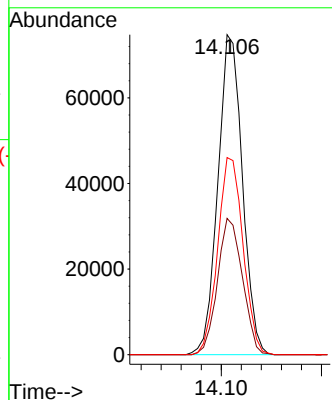
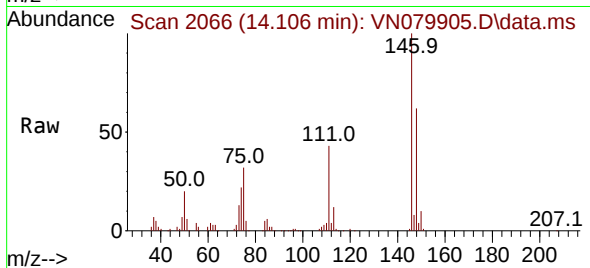
#91
1,2-Dichlorobenzene
Concen: 19.446 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:146 Resp: 126714
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.8 31.8 95.3

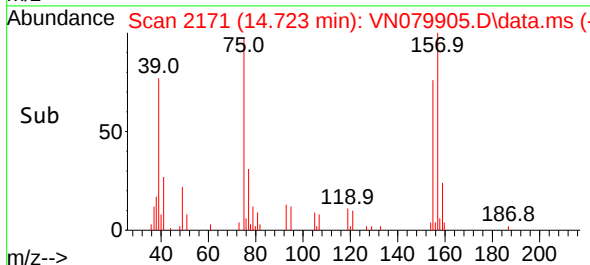
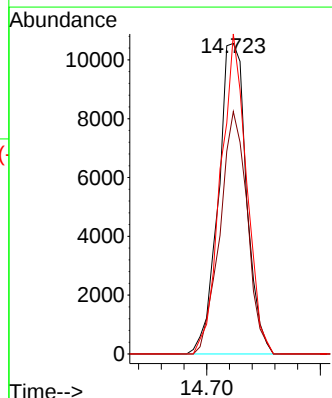
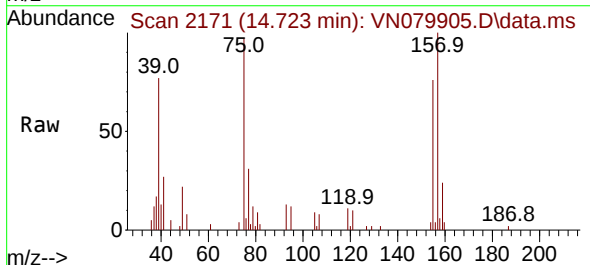
Manual Integrations
APPROVED

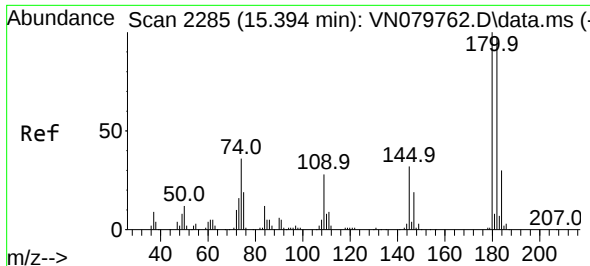
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.901 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

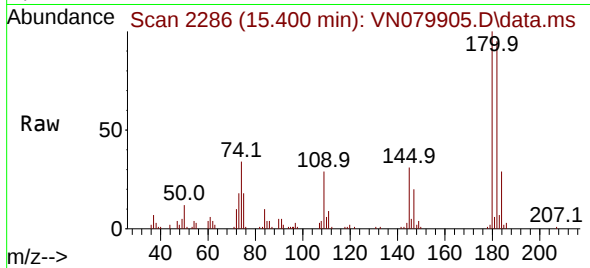
Tgt Ion: 75 Resp: 18135
Ion Ratio Lower Upper
75 100
155 75.7 39.1 117.2
157 95.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.232 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

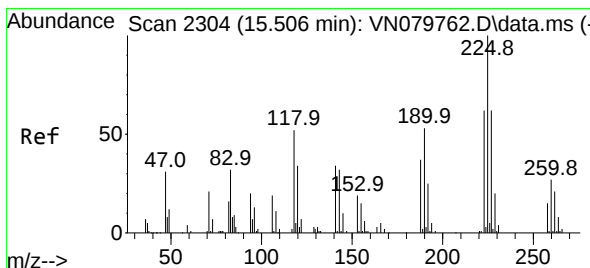
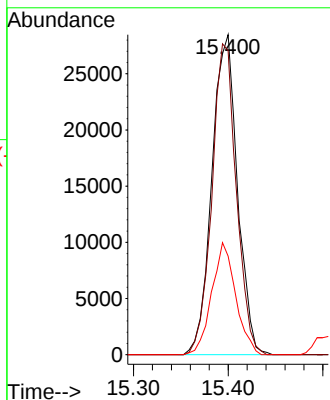
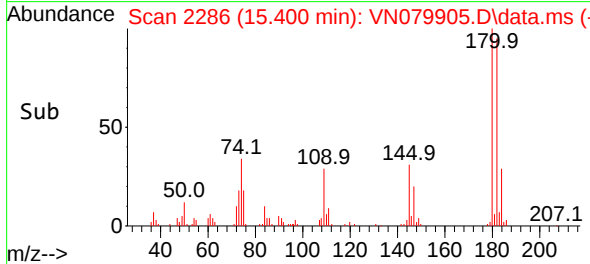
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



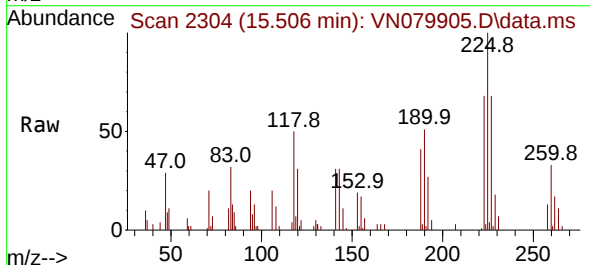
Tgt Ion:180 Resp: 53390
Ion Ratio Lower Upper
180 100
182 92.9 46.1 138.2
145 32.9 16.6 49.8

Manual Integrations
APPROVED

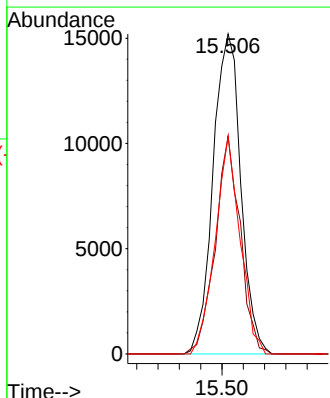
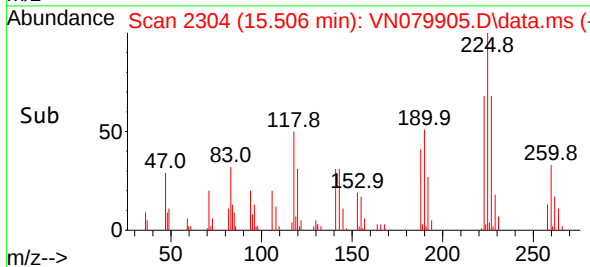
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

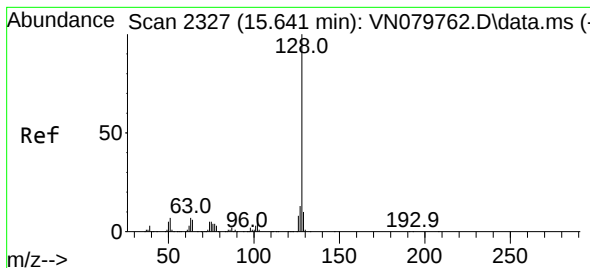


#94
Hexachlorobutadiene
Concen: 19.568 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



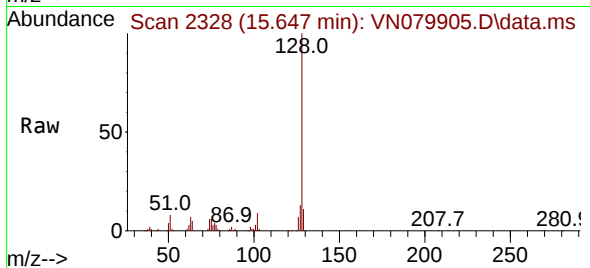
Tgt Ion:225 Resp: 27484
Ion Ratio Lower Upper
225 100
223 61.1 31.3 93.8
227 61.0 31.9 95.9





#95
Naphthalene
Concen: 13.870 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04

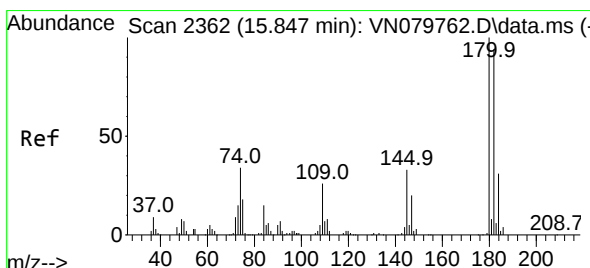
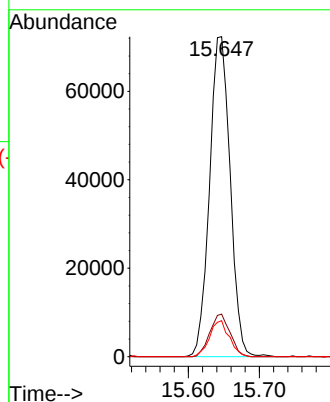
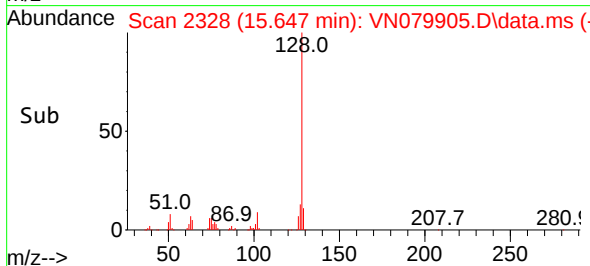
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



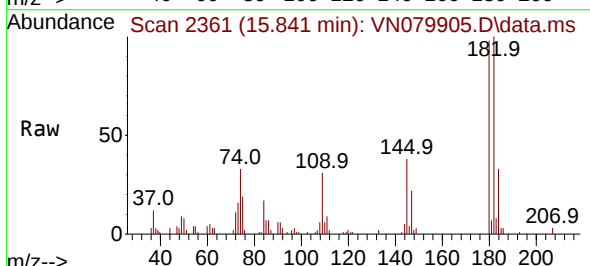
Tgt Ion:128 Resp: 145739
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.249 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079905.D
Acq: 04 Nov 2023 20:04



Tgt Ion:180 Resp: 52387
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 35.1 17.5 52.6

