

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079496.D
 Acq On : 10 Oct 2023 16:25
 Operator : JC\MD
 Sample : VN1010MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	303487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	543434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	492487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	238948	48.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.120%		
35) Dibromofluoromethane	8.171	113	185285	47.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	10.571	98	711056	50.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	12.853	95	240865	53.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	88288	20.302	ug/l	97
3) Chloromethane	2.365	50	100825	18.581	ug/l	98
4) Vinyl Chloride	2.518	62	102679	18.192	ug/l	90
5) Bromomethane	2.947	94	45711	13.529	ug/l	97
6) Chloroethane	3.118	64	64551	15.170	ug/l	100
7) Trichlorofluoromethane	3.495	101	117575	17.643	ug/l	98
8) Diethyl Ether	3.965	74	44367	18.675	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	64160	16.475	ug/l	99
10) Methyl Iodide	4.589	142	53507	15.834	ug/l	99
11) Tert butyl alcohol	5.524	59	67589	91.260	ug/l	100
12) 1,1-Dichloroethene	4.347	96	64660	18.033	ug/l #	81
13) Acrolein	4.183	56	92940	126.028	ug/l	97
14) Allyl chloride	5.024	41	102497	17.713	ug/l #	91
15) Acrylonitrile	5.724	53	190221	88.591	ug/l	98
16) Acetone	4.436	43	182630	93.572	ug/l	93
17) Carbon Disulfide	4.712	76	171398	15.324	ug/l	99
18) Methyl Acetate	5.030	43	162341	16.994	ug/l #	85
19) Methyl tert-butyl Ether	5.806	73	227154	19.497	ug/l	98
20) Methylene Chloride	5.277	84	77492	17.743	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	70003	16.715	ug/l #	80
22) Diisopropyl ether	6.677	45	249457	19.225	ug/l #	91
23) Vinyl Acetate	6.612	43	689107	94.416	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	142195	17.906	ug/l	97
25) 2-Butanone	7.488	43	264079	91.162	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	117550	19.370	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	81427	17.897	ug/l	85
28) Bromochloromethane	7.818	49	74970	19.842	ug/l #	74
29) Tetrahydrofuran	7.847	42	168278	89.820	ug/l #	77
30) Chloroform	7.971	83	140521	17.514	ug/l	98
31) Cyclohexane	8.259	56	120134	17.211	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	122647	18.164	ug/l	96
36) 1,1-Dichloropropene	8.377	75	104714	17.865	ug/l	95
37) Ethyl Acetate	7.565	43	104548	17.926	ug/l #	93
38) Carbon Tetrachloride	8.371	117	103675	17.668	ug/l	94
39) Methylcyclohexane	9.606	83	107511	19.092	ug/l	90
40) Benzene	8.612	78	317187	18.222	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	57180	18.649	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	112594	17.801	ug/l	98
43) Isopropyl Acetate	8.694	43	247790	24.251	ug/l #	79
44) Trichloroethene	9.359	130	72066	17.590	ug/l	95
45) 1,2-Dichloropropane	9.624	63	84862	18.503	ug/l	99
46) Dibromomethane	9.712	93	54513	18.352	ug/l	97
47) Bromodichloromethane	9.888	83	109583	17.934	ug/l	98
48) Methyl methacrylate	9.688	41	84947	19.401	ug/l #	79
49) 1,4-Dioxane	9.700	88	30881	382.899	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	542472	94.049	ug/l	90
52) Toluene	10.635	92	207182	20.220	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	121078	19.663	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	129598	19.226	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	78747	19.143	ug/l	98
56) Ethyl methacrylate	10.876	69	121045	21.414	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	137047	19.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	240623	111.154	ug/l #	88
59) 2-Hexanone	11.200	43	401957	96.573	ug/l	88
60) Dibromochloromethane	11.359	129	77874	18.836	ug/l	98
61) 1,2-Dibromoethane	11.476	107	74085	18.148	ug/l	100
64) Tetrachloroethene	11.106	164	58568	17.287	ug/l	97
65) Chlorobenzene	11.894	112	199974	18.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	83959	20.907	ug/l	90
67) Ethyl Benzene	11.965	91	385312	20.212	ug/l	99
68) m/p-Xylenes	12.076	106	298176	43.048	ug/l	95
69) o-Xylene	12.400	106	145270	21.326	ug/l	90
70) Styrene	12.412	104	226520	21.053	ug/l	94
71) Bromoform	12.582	173	52049	17.709	ug/l #	99
73) Isopropylbenzene	12.700	105	347960	18.759	ug/l	100
74) N-amyl acetate	12.494	43	141694	18.633	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	120758	19.427	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	101577m	17.669	ug/l	
77) Bromobenzene	12.988	156	78387	17.235	ug/l	96
78) n-propylbenzene	13.041	91	406946	19.391	ug/l	90
79) 2-Chlorotoluene	13.129	91	242536	18.060	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	287501	19.656	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32161	16.233	ug/l #	81
82) 4-Chlorotoluene	13.223	91	230790	18.060	ug/l	97
83) tert-Butylbenzene	13.441	119	228006	19.026	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	344579	24.685	ug/l	97
85) sec-Butylbenzene	13.617	105	355555	21.271	ug/l	97
86) p-Isopropyltoluene	13.735	119	269593	21.024	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	135250	18.749	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	125516	16.851	ug/l	95
89) n-Butylbenzene	14.059	91	243943	23.822	ug/l	97
90) Hexachloroethane	14.335	117	51371	19.087	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	127656	18.142	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18527	17.273	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	54055	24.804	ug/l	96
94) Hexachlorobutadiene	15.506	225	31924	18.808	ug/l	94
95) Naphthalene	15.641	128	275347	41.375	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	57850	22.244	ug/l	90

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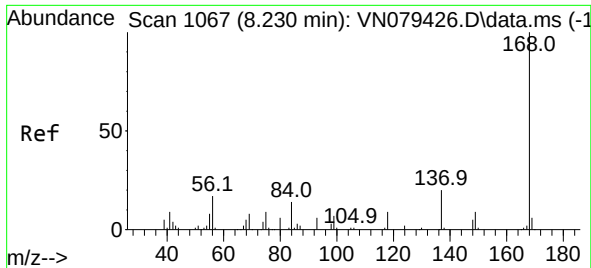
Manual Integrations
APPROVED

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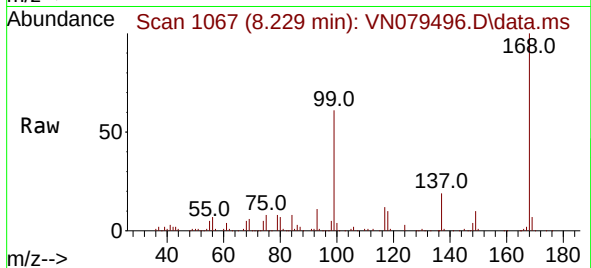
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079496.D
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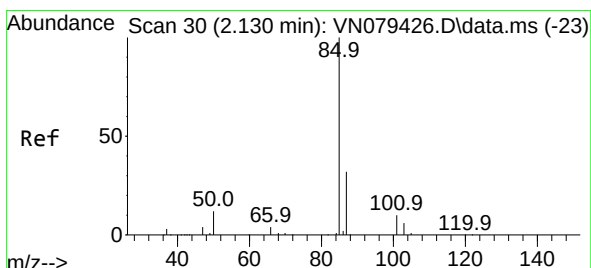
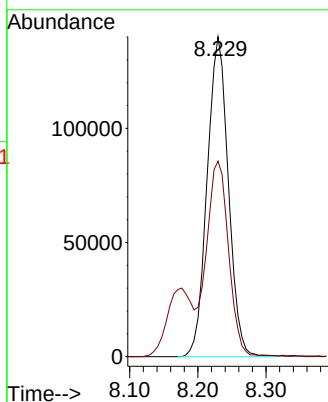
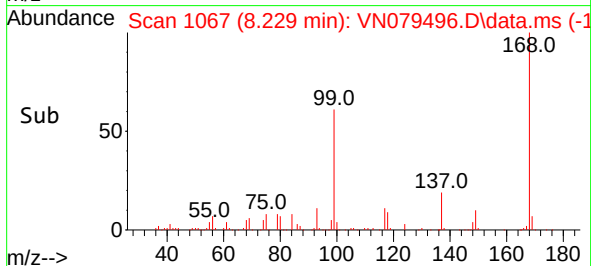
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion:168 Resp: 30348
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6

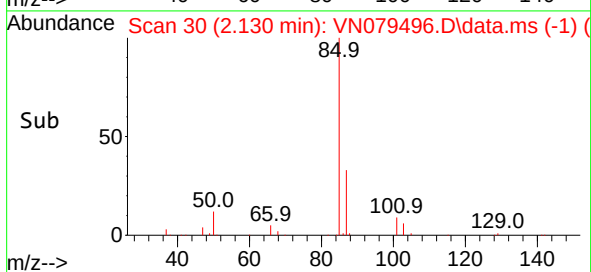
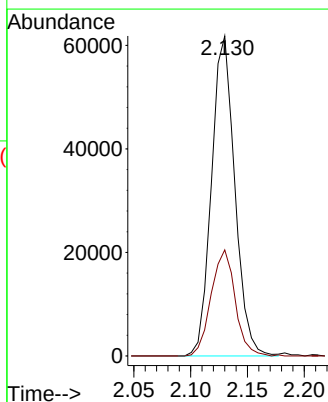
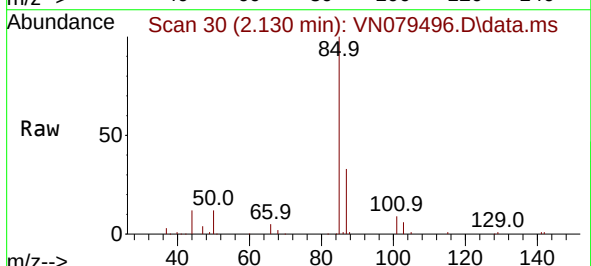
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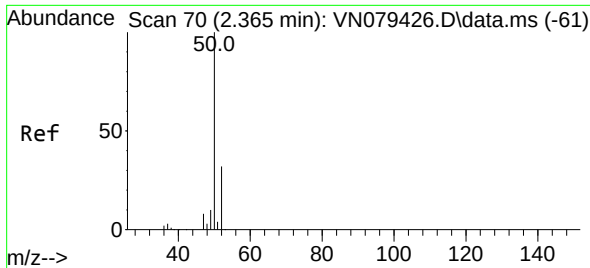
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#2
Dichlorodifluoromethane
Concen: 20.302 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

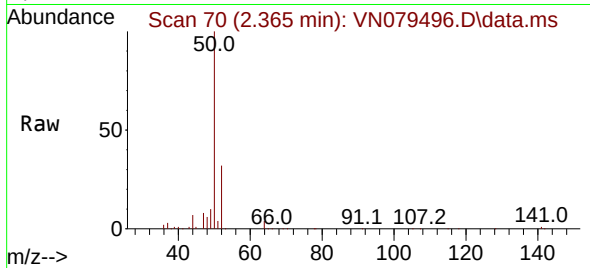
Tgt Ion: 85 Resp: 88288
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 18.581 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

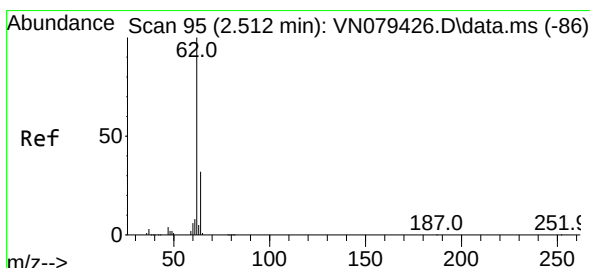
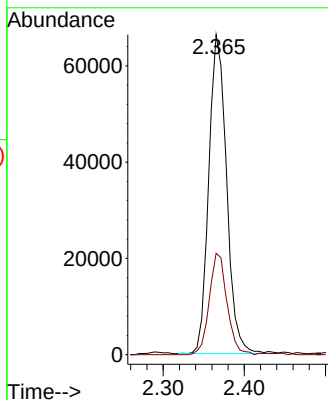
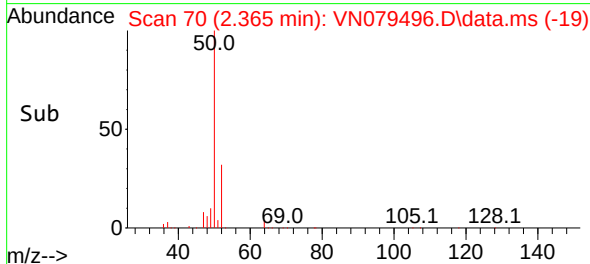
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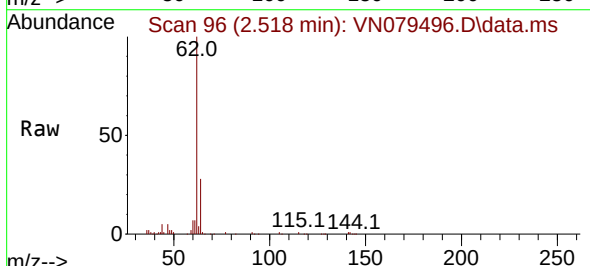
Tgt Ion: 50 Resp: 100825
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

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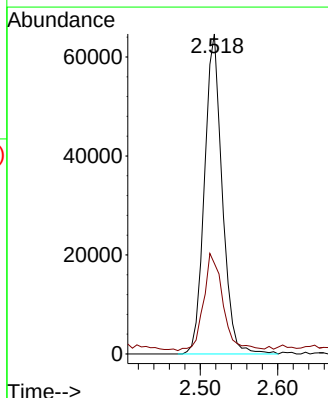
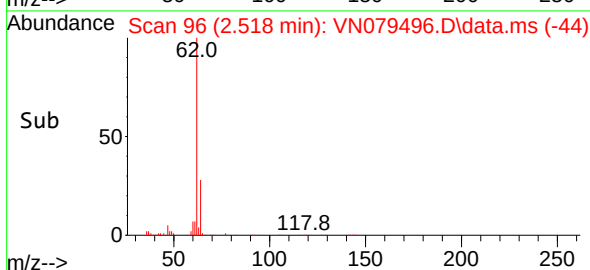
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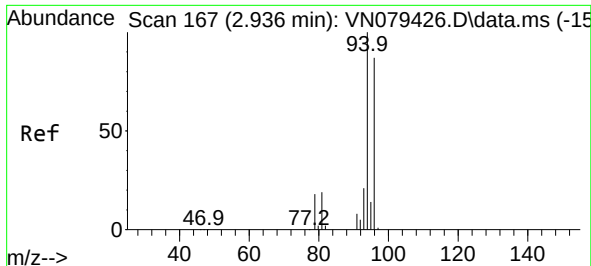


#4
Vinyl Chloride
Concen: 18.192 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



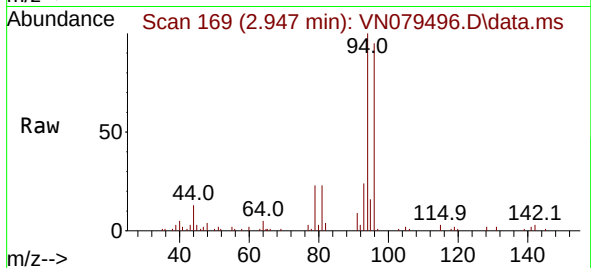
Tgt Ion: 62 Resp: 102679
Ion Ratio Lower Upper
62 100
64 27.2 26.2 39.2





#5
Bromomethane
Concen: 13.529 ug/l
RT: 2.947 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

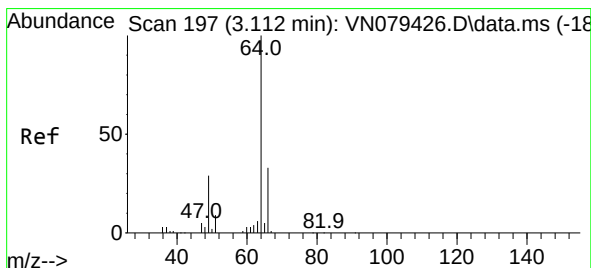
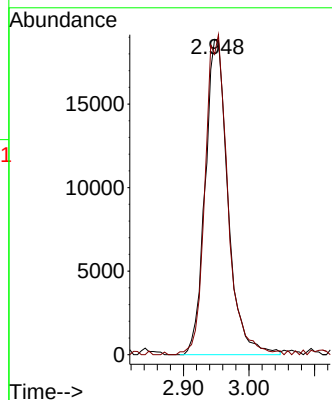
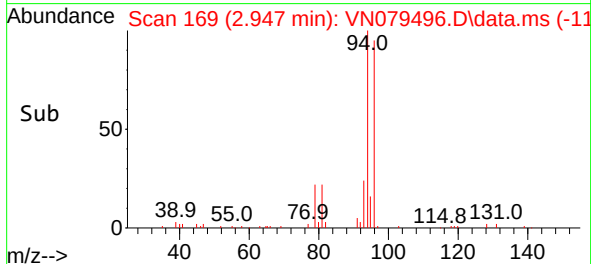
Instrument :
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Tgt Ion: 94 Resp: 4571
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7

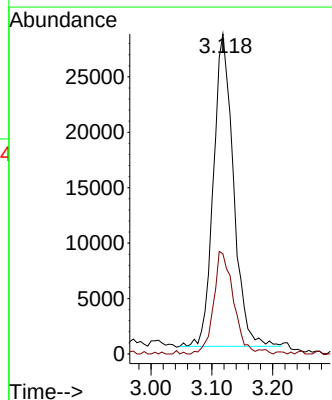
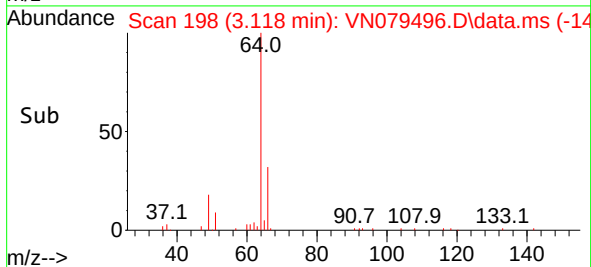
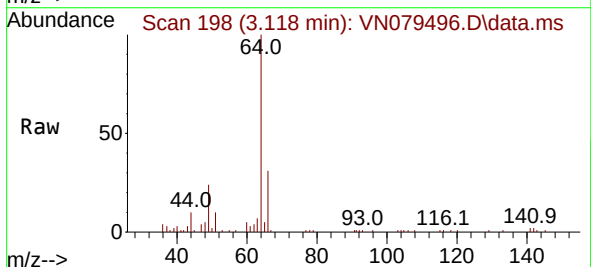
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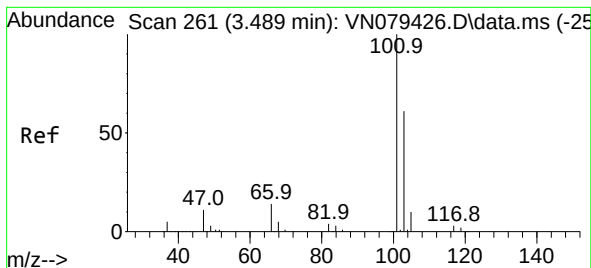
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#6
Chloroethane
Concen: 15.170 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079496.D
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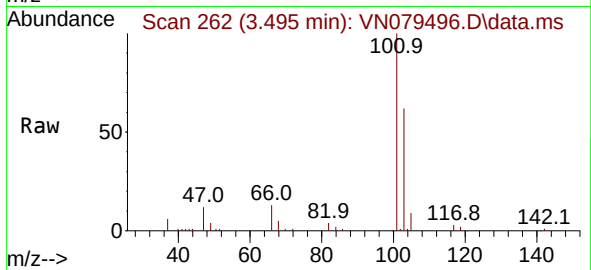
Tgt Ion: 64 Resp: 64551
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.643 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

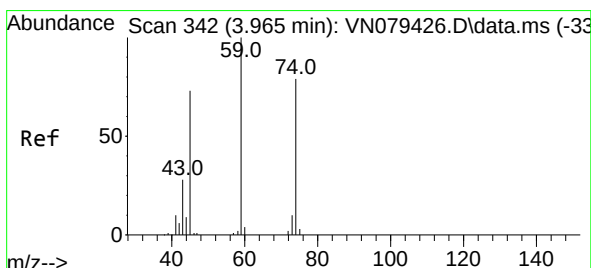
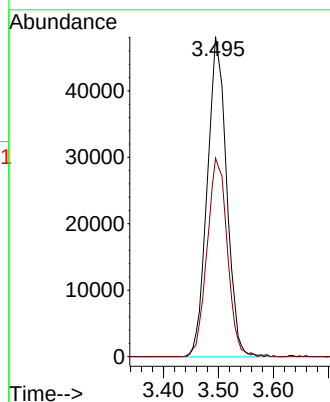
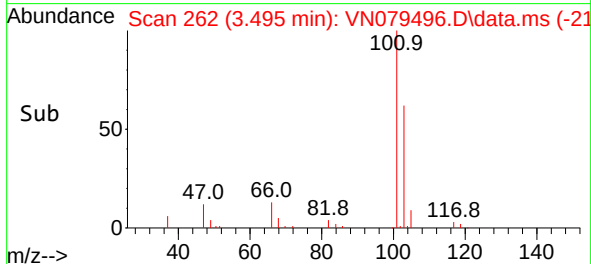
Instrument :
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VN1010MBS01



Tgt Ion:101 Resp: 11757
Ion Ratio Lower Upper
101 100
103 62.1 50.7 76.1

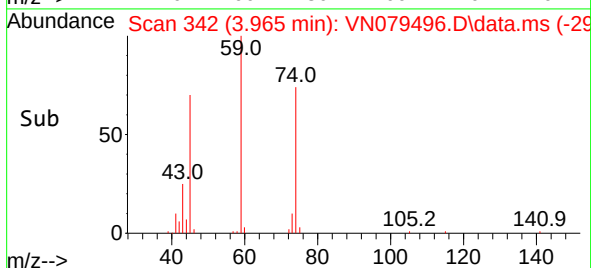
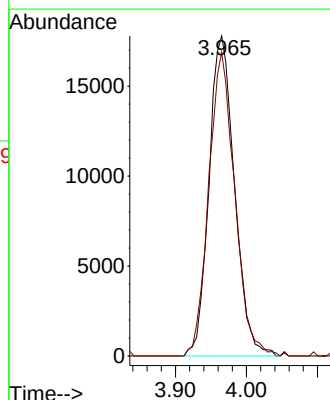
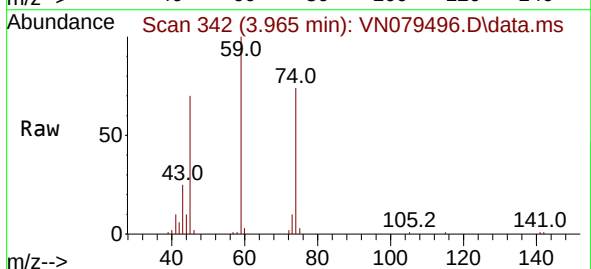
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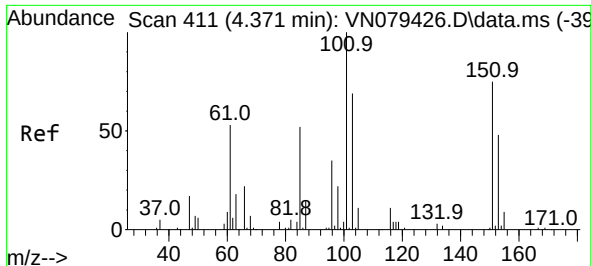
Reviewed By :John Carlone 10/11/2023
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#8
Diethyl Ether
Concen: 18.675 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 74 Resp: 44367
Ion Ratio Lower Upper
74 100
45 97.0 34.4 103.3





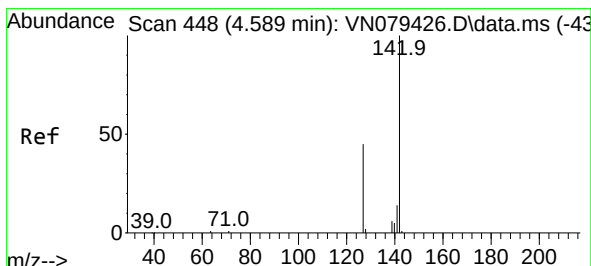
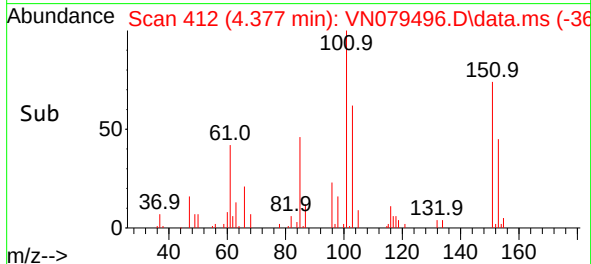
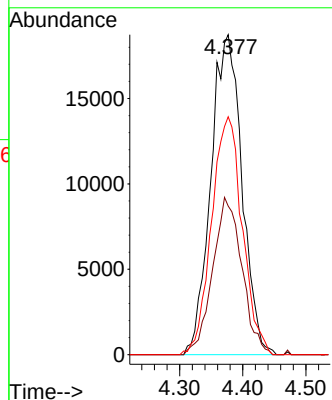
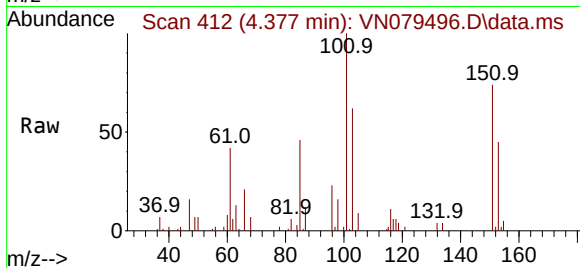
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.475 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:101 Resp: 64160
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 73.5 57.6 86.4

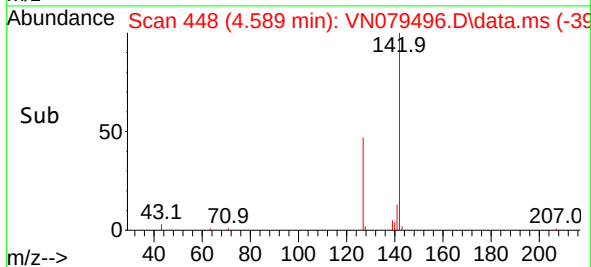
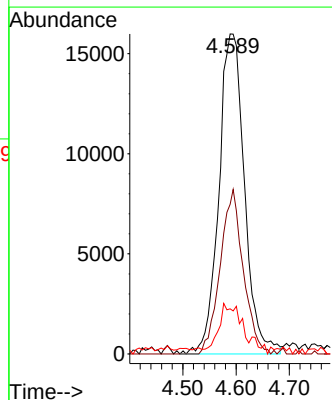
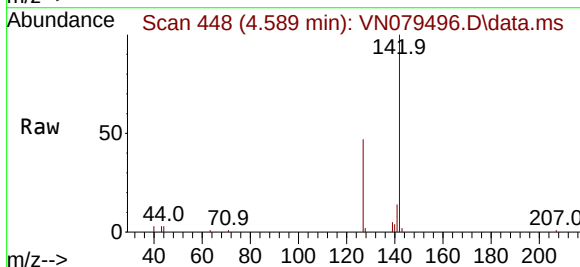
Manual Integrations
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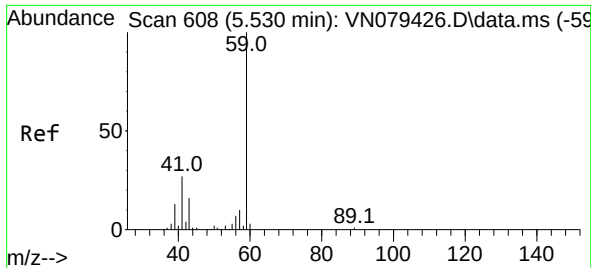
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#10
Methyl Iodide
Concen: 15.834 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:142 Resp: 53507
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 12.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 91.260 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

Tgt Ion: 59 Resp: 67589

Ion Ratio Lower Upper

59 100

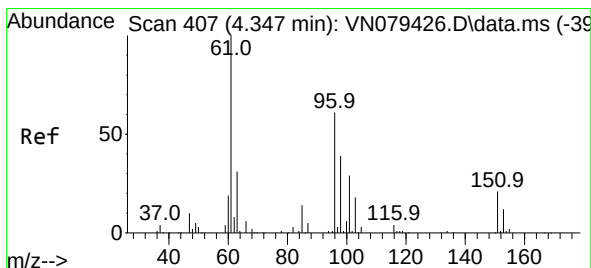
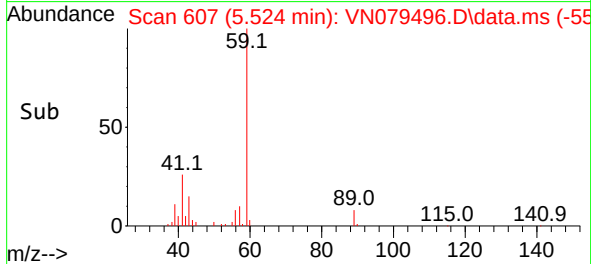
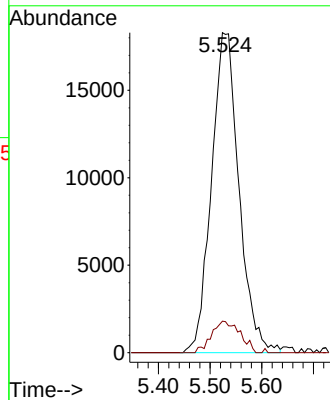
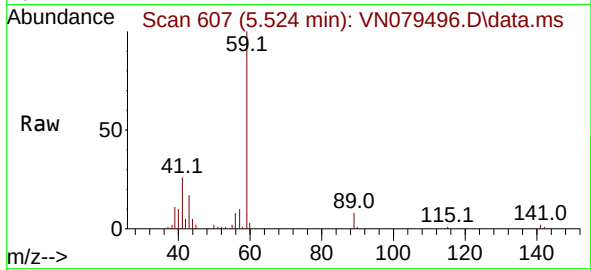
57 10.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#12

1,1-Dichloroethene

Concen: 18.033 ug/l

RT: 4.347 min Scan# 407

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

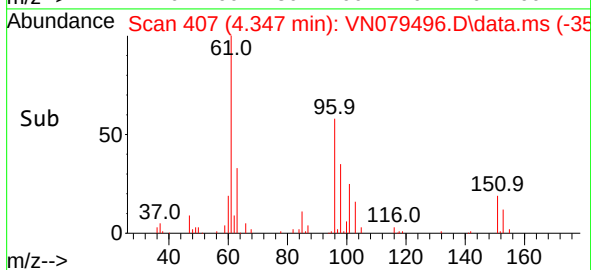
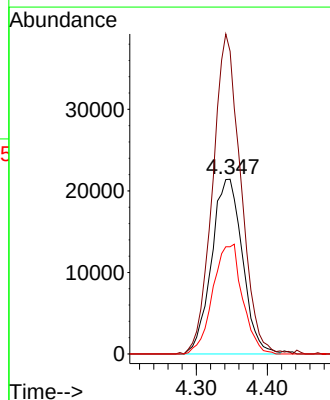
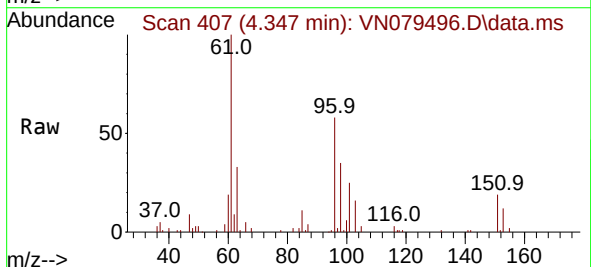
Tgt Ion: 96 Resp: 64660

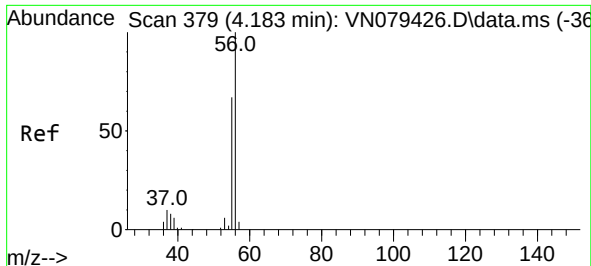
Ion Ratio Lower Upper

96 100

61 172.4 112.7 169.1#

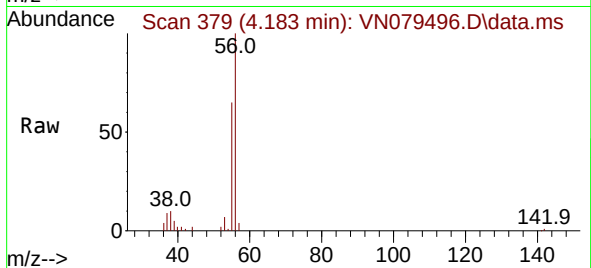
98 61.3 51.2 76.8





#13
Acrolein
Concen: 126.028 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

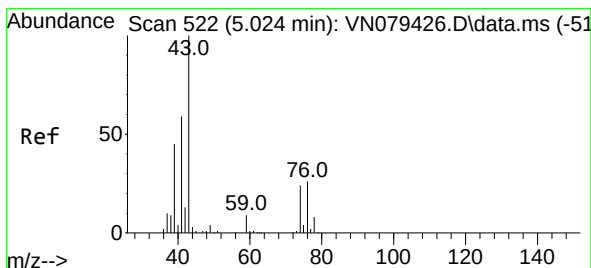
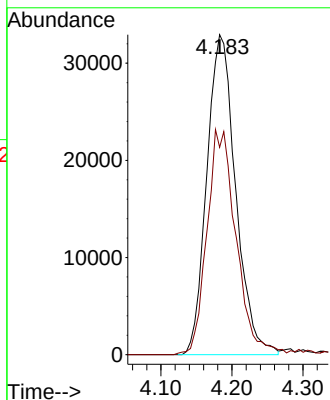
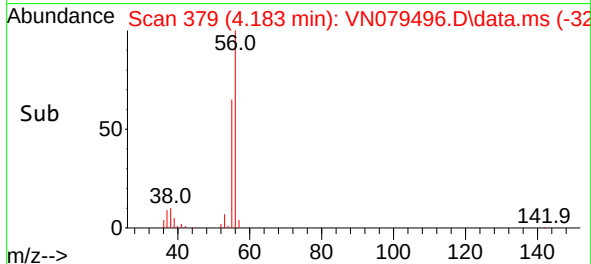
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 56 Resp: 92940
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

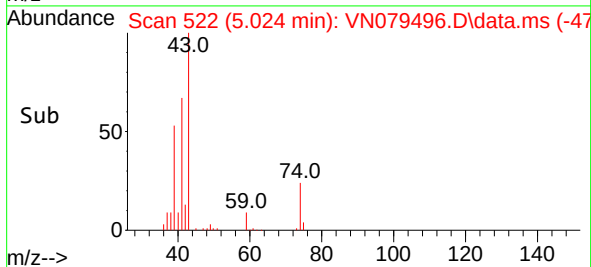
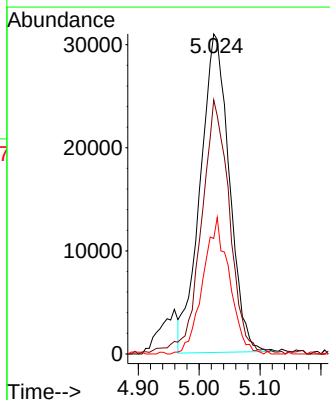
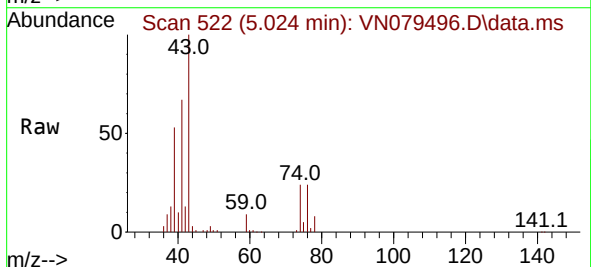
Manual Integrations
APPROVED

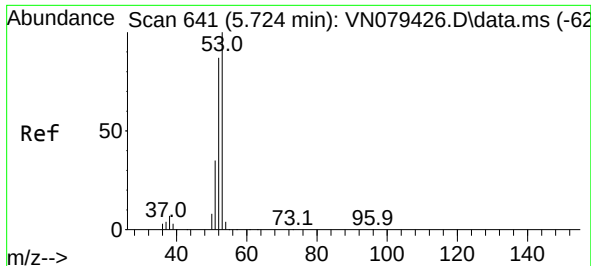
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#14
Allyl chloride
Concen: 17.713 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

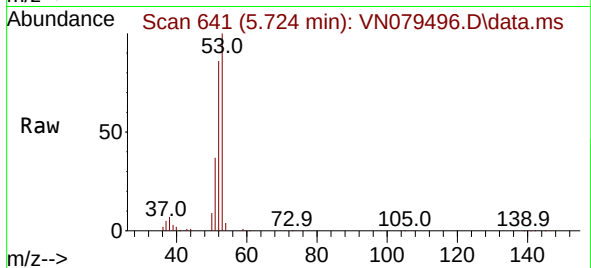
Tgt Ion: 41 Resp: 102497
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 39.0 39.1 58.7#





#15
Acrylonitrile
Concen: 88.591 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

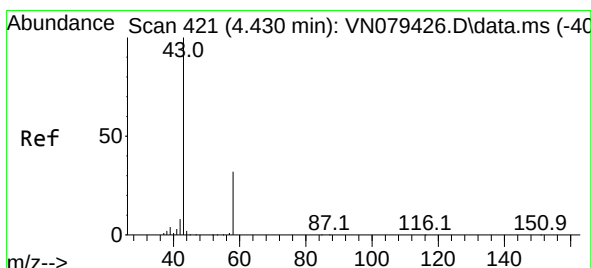
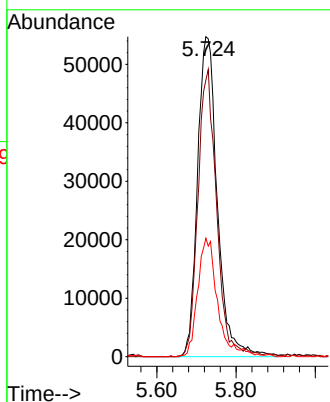
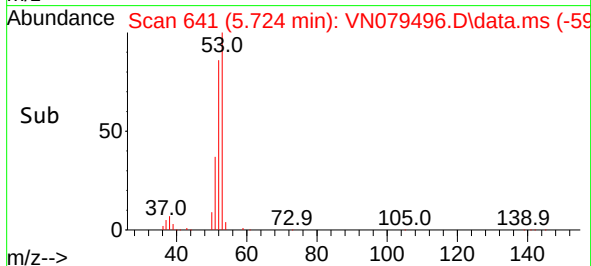
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



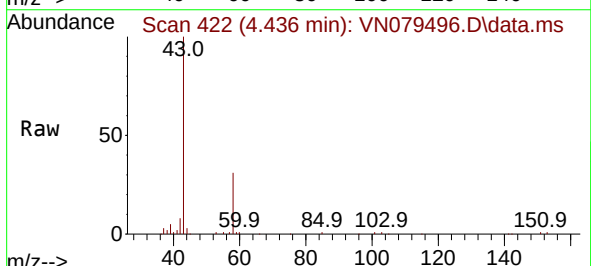
Tgt Ion: 53 Resp: 19022
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 37.0 28.9 43.3

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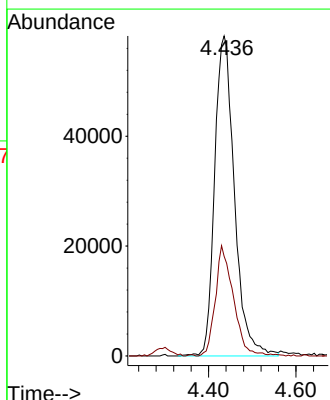
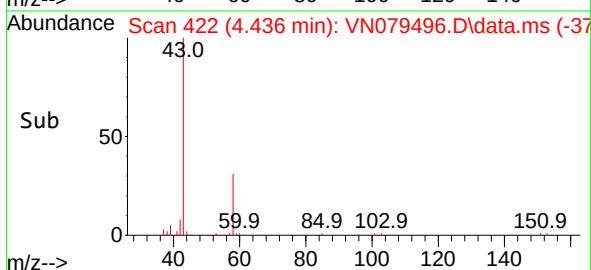
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

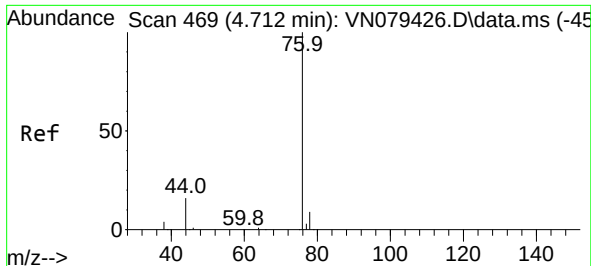


#16
Acetone
Concen: 93.572 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



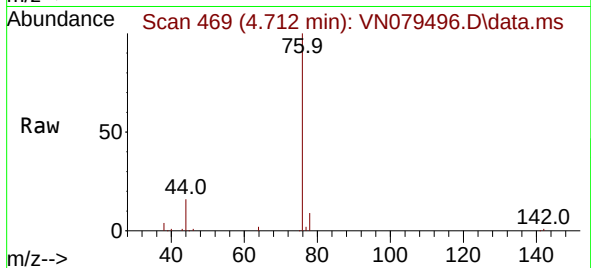
Tgt Ion: 43 Resp: 182630
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





#17
Carbon Disulfide
Concen: 15.324 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

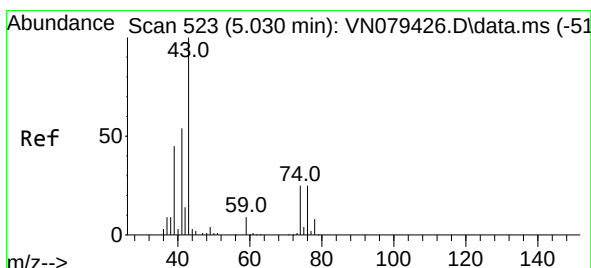
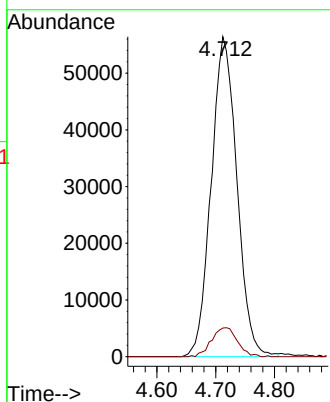
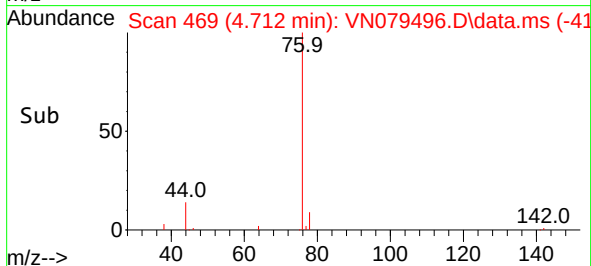
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 76 Resp: 171398
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

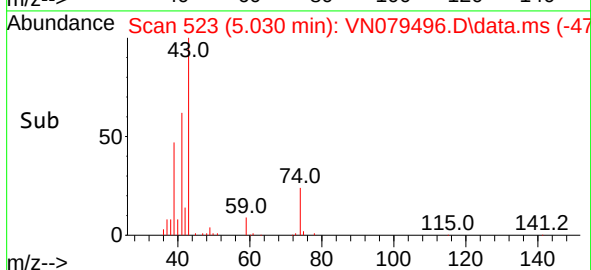
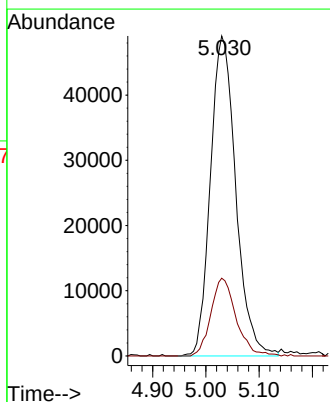
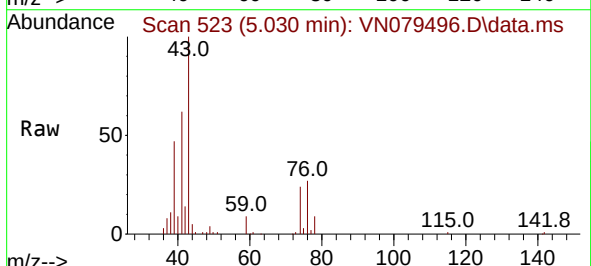
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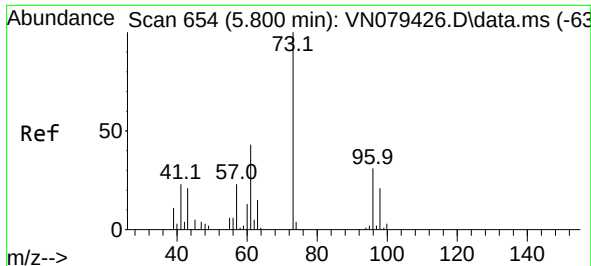
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#18
Methyl Acetate
Concen: 16.994 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 43 Resp: 162341
Ion Ratio Lower Upper
43 100
74 24.1 26.2 39.4#





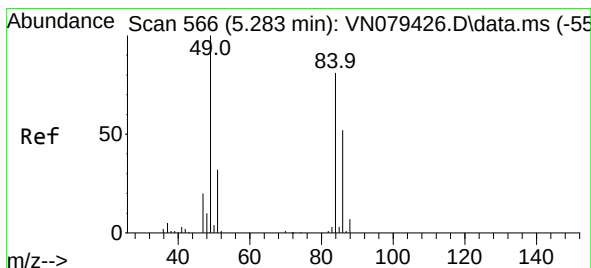
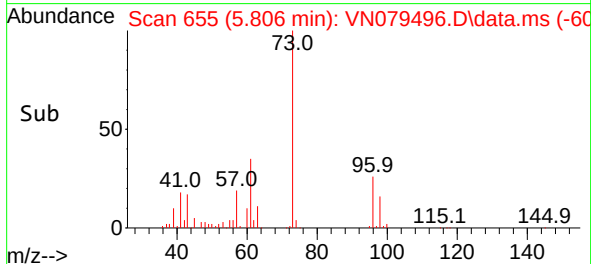
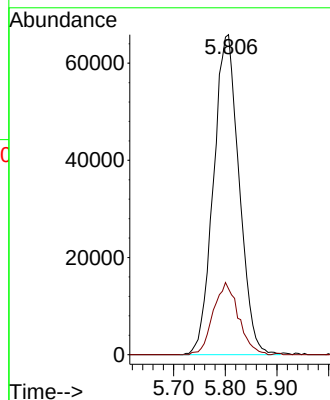
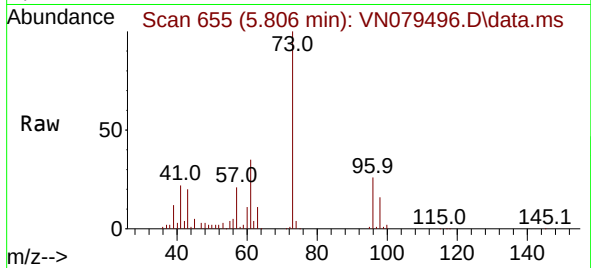
#19
Methyl tert-butyl Ether
Concen: 19.497 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion: 73 Resp: 227154
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

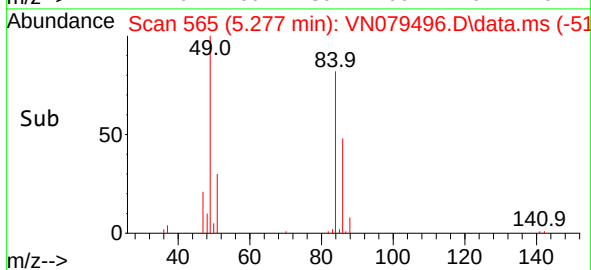
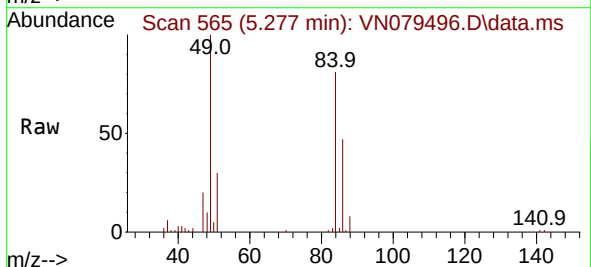
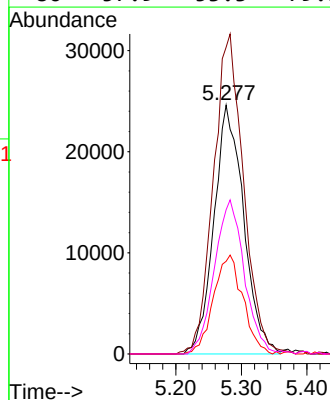
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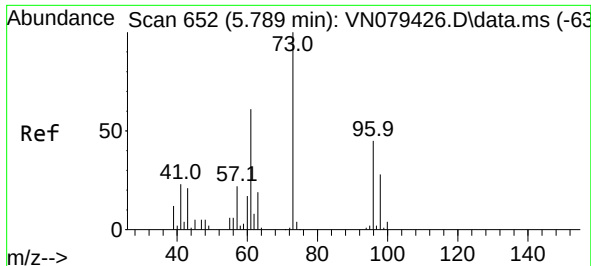
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 17.743 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

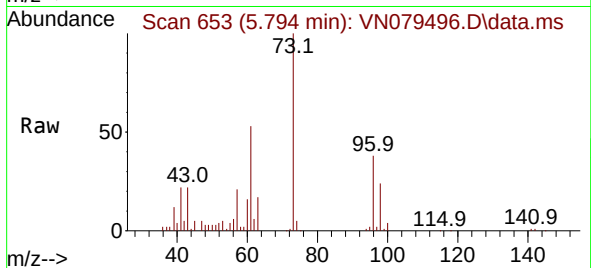
Tgt Ion: 84 Resp: 77492
Ion Ratio Lower Upper
84 100
49 122.5 79.7 119.5#
51 37.2 25.2 37.8
86 57.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.715 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

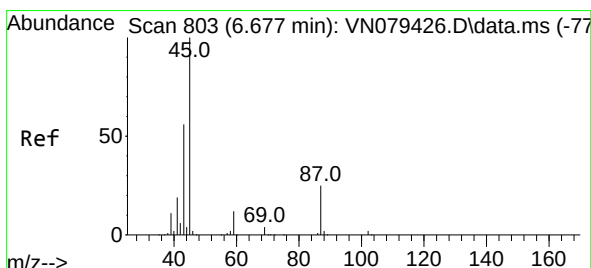
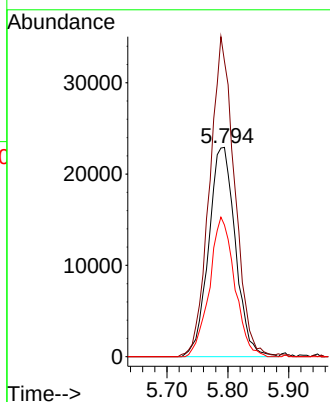
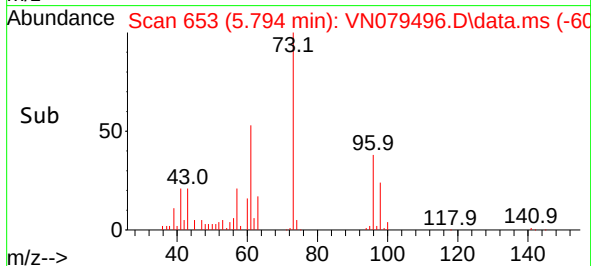
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 96 Resp: 7000
Ion Ratio Lower Upper
96 100
61 141.2 90.1 135.1
98 62.9 46.4 69.6

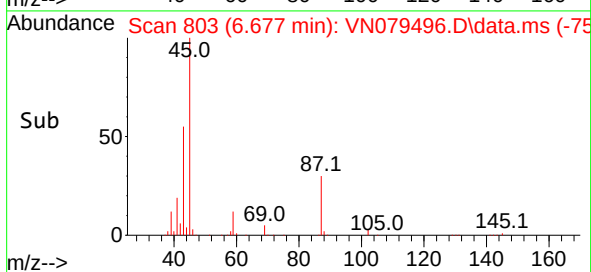
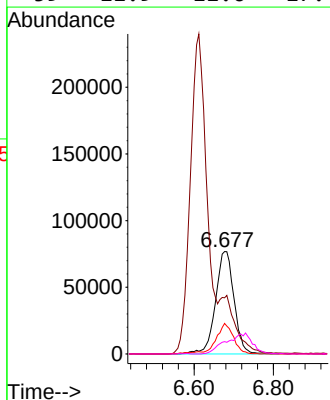
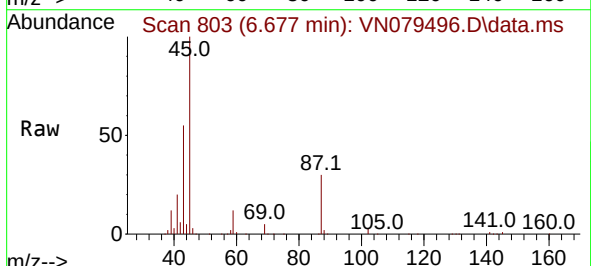
Manual Integrations
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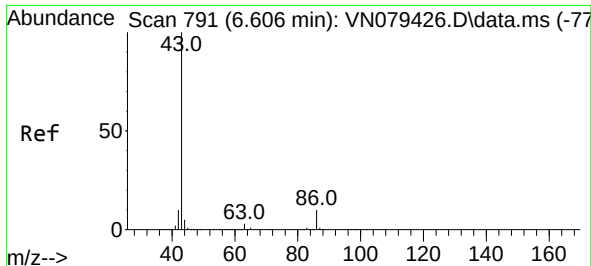
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#22
Diisopropyl ether
Concen: 19.225 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 45 Resp: 249457
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 29.9 31.8 47.8
59 11.9 11.6 17.4





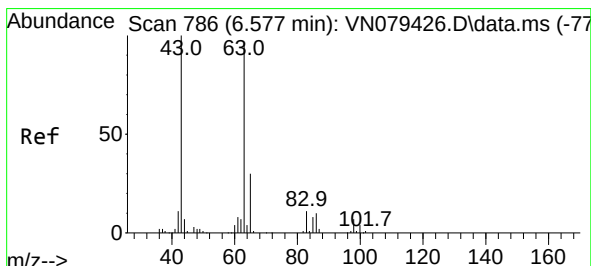
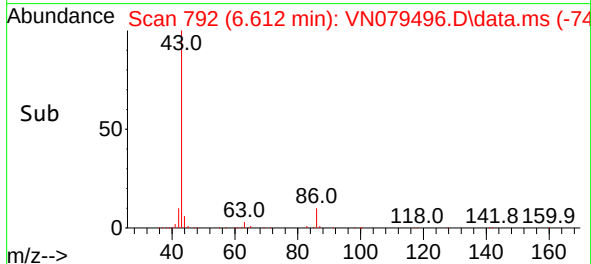
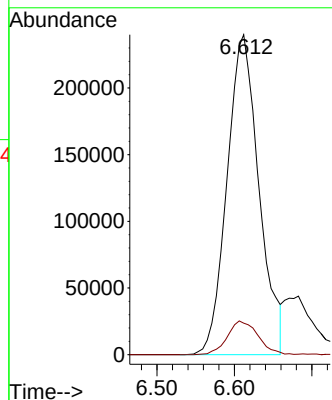
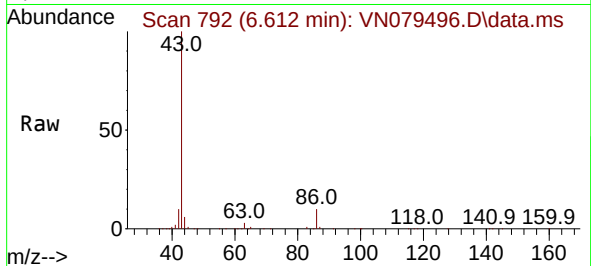
#23
 Vinyl Acetate
 Concen: 94.416 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Tgt Ion: 43 Resp: 68910
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6

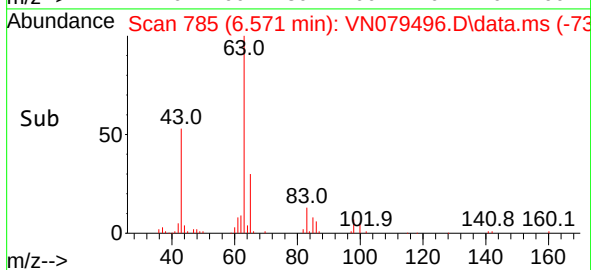
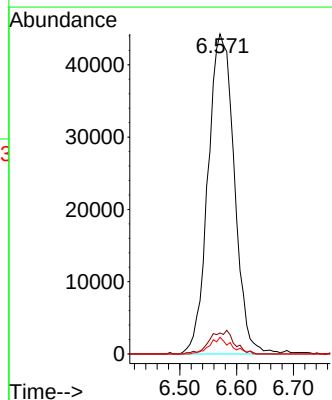
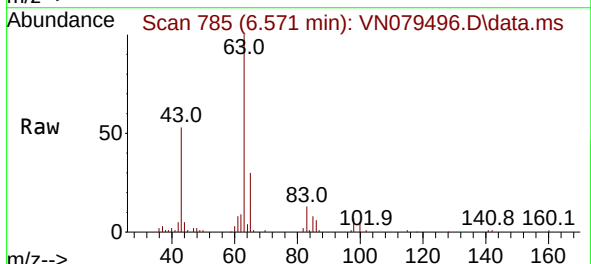
Manual Integrations
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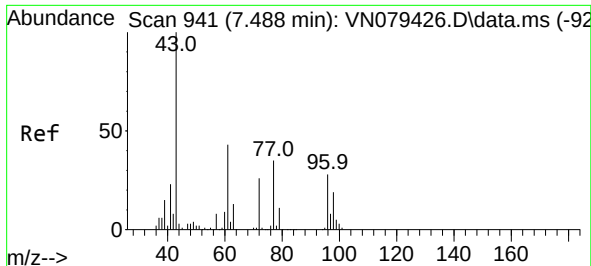
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#24
 1,1-Dichloroethane
 Concen: 17.906 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

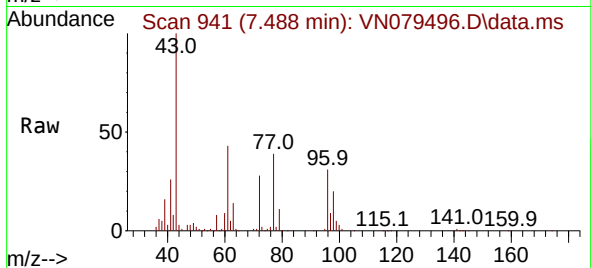
Tgt Ion: 63 Resp: 142195
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 91.162 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

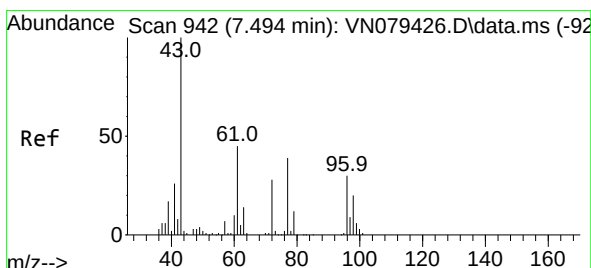
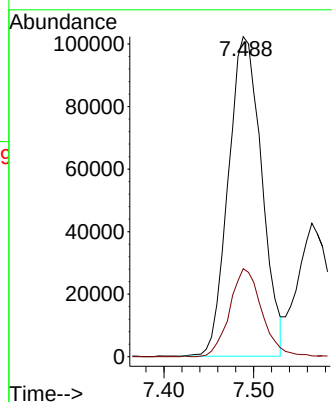
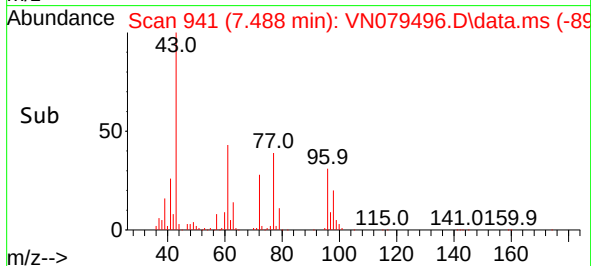
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



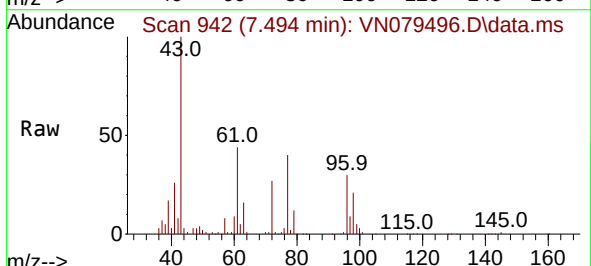
Tgt Ion: 43 Resp: 264079
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2

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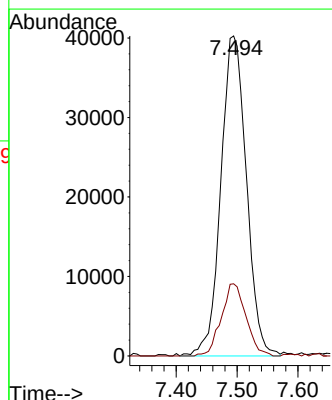
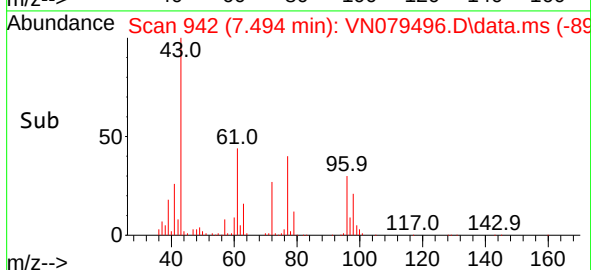
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

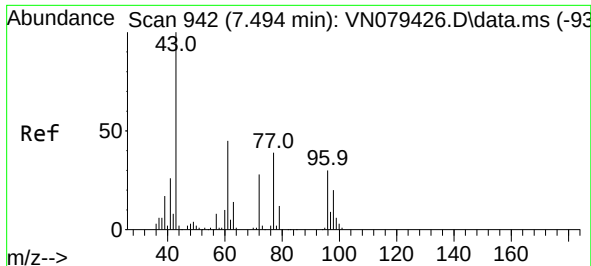


#26
2,2-Dichloropropane
Concen: 19.370 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



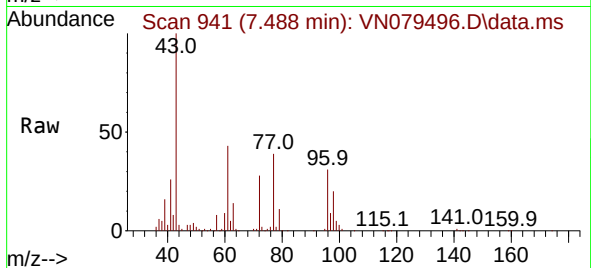
Tgt Ion: 77 Resp: 117550
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.897 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

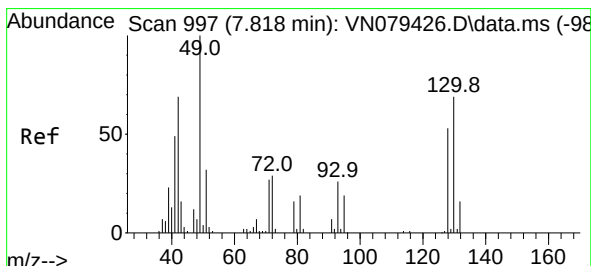
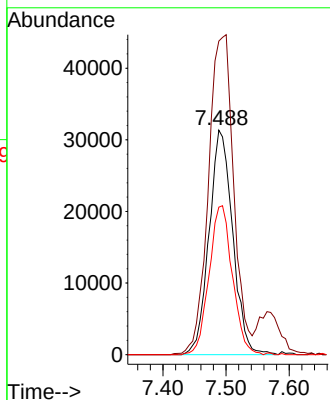
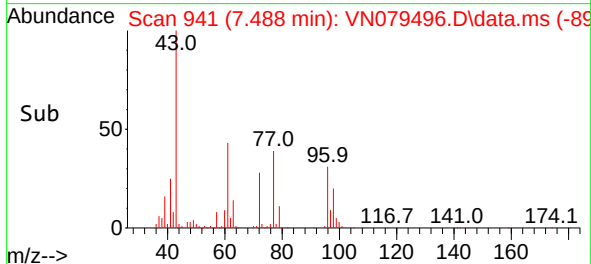
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01



Tgt Ion: 96 Resp: 8142
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 255.2
 98 65.4 0.0 128.8

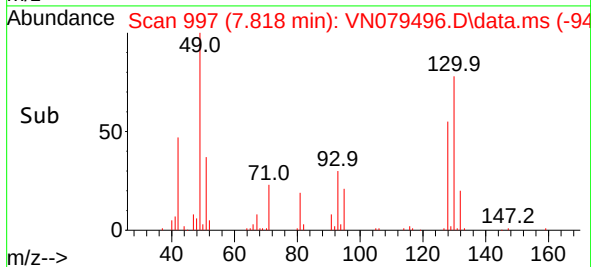
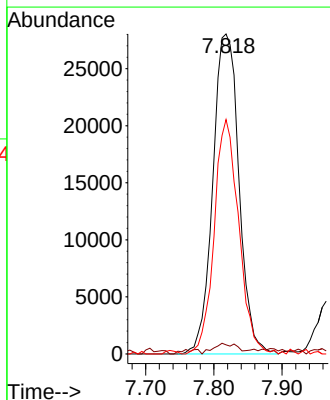
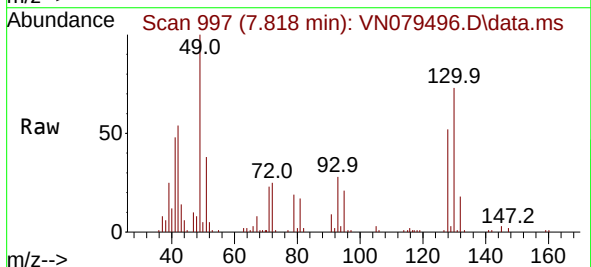
Manual Integrations
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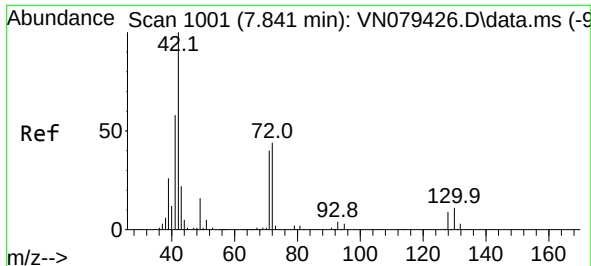
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#28
 Bromochloromethane
 Concen: 19.842 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

Tgt Ion: 49 Resp: 74970
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.8
 130 68.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 89.820 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

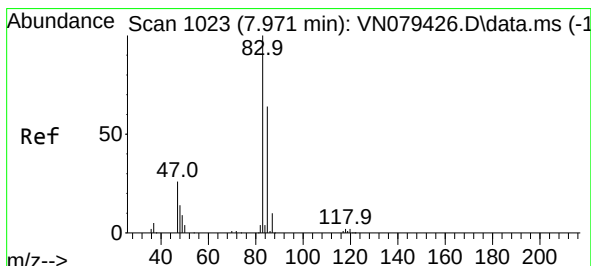
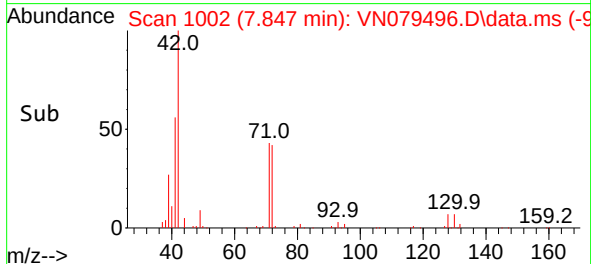
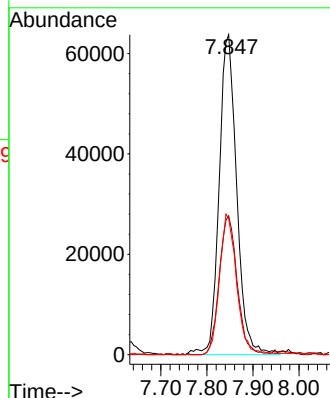
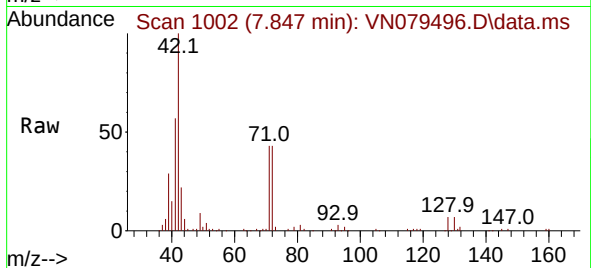
Tgt Ion: 42 Resp: 168278
 Ion Ratio Lower Upper
 42 100
 72 44.3 49.8 74.6
 71 42.8 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#30

Chloroform

Concen: 17.514 ug/l

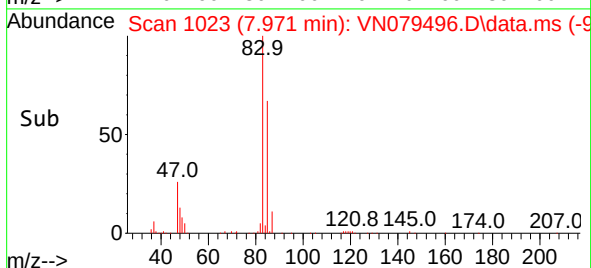
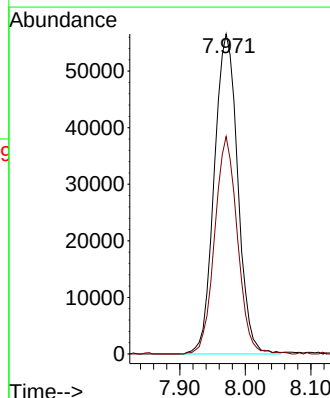
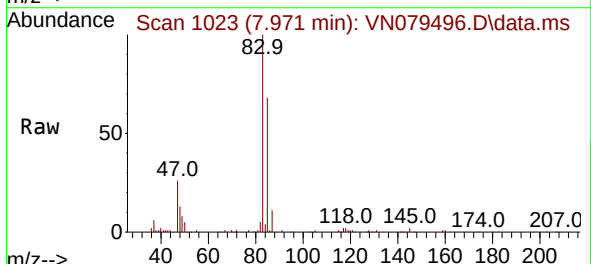
RT: 7.971 min Scan# 1023

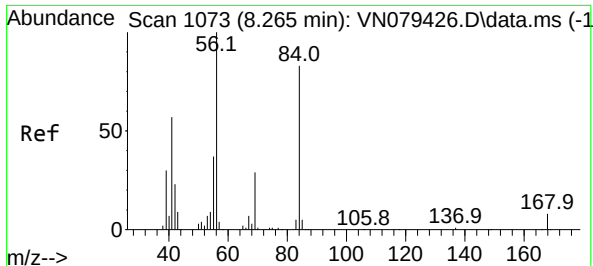
Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

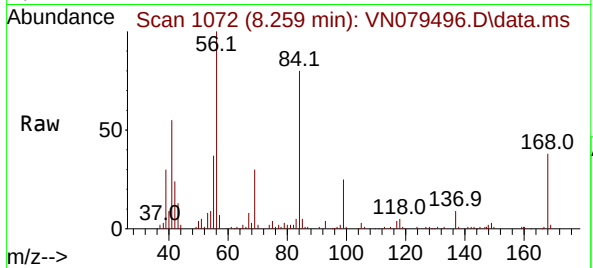
Tgt Ion: 83 Resp: 140521
 Ion Ratio Lower Upper
 83 100
 85 67.9 55.4 83.0





#31
Cyclohexane
Concen: 17.211 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

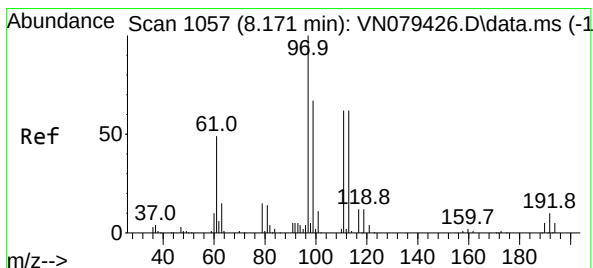
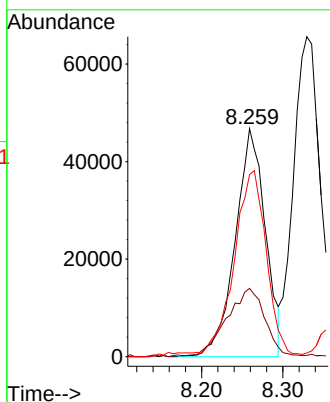
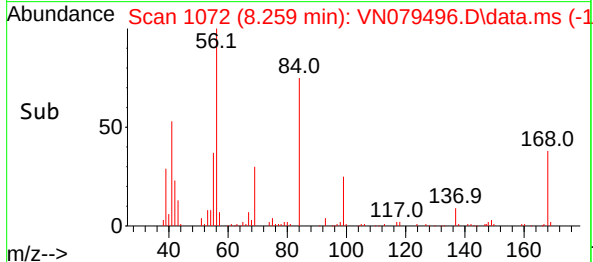
Instrument :
MSVOA_N
Client Sample Id :
VN1010MBS01



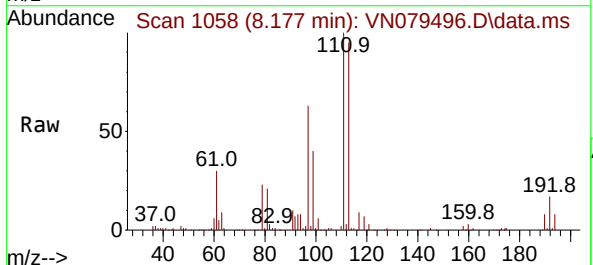
Tgt Ion: 56 Resp: 120134
Ion Ratio Lower Upper
56 100
69 29.2 26.8 40.2
84 78.2 81.8 122.6

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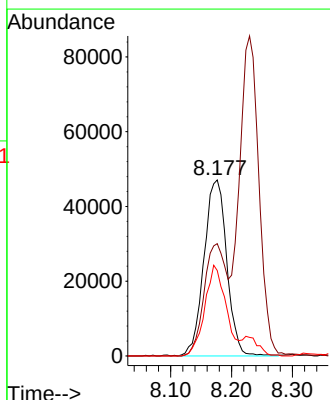
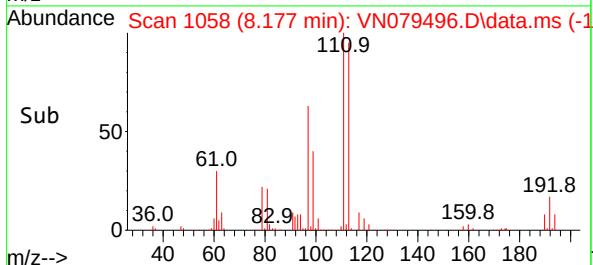
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

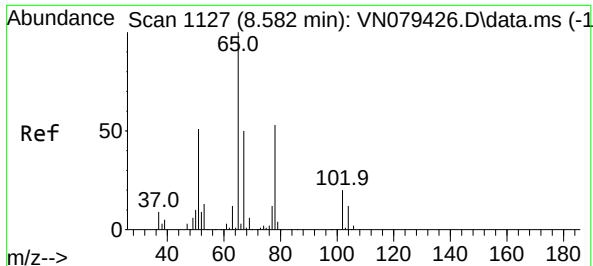


#32
1,1,1-Trichloroethane
Concen: 18.164 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



Tgt Ion: 97 Resp: 122647
Ion Ratio Lower Upper
97 100
99 61.3 50.3 75.5
61 47.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.559 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

Tgt Ion: 65 Resp: 23894

Ion Ratio Lower Upper

65 100

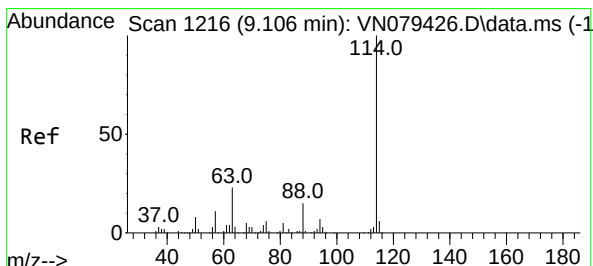
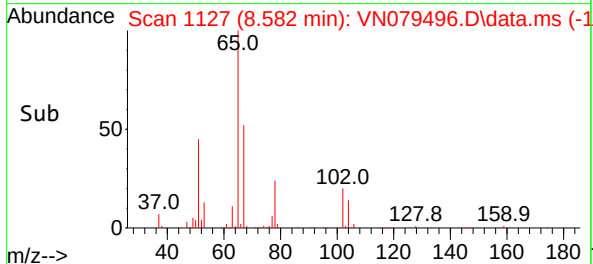
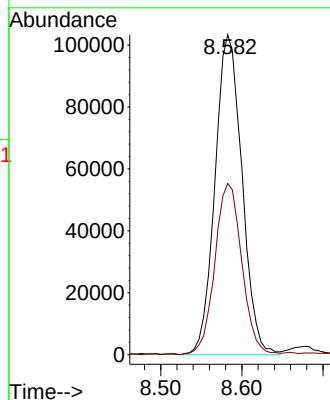
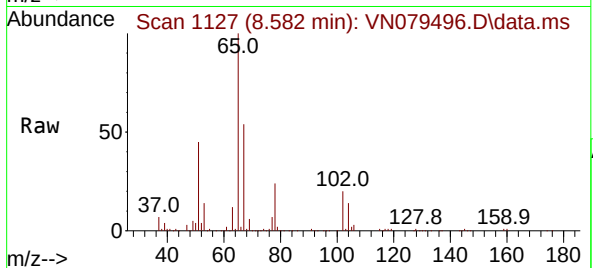
67 53.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

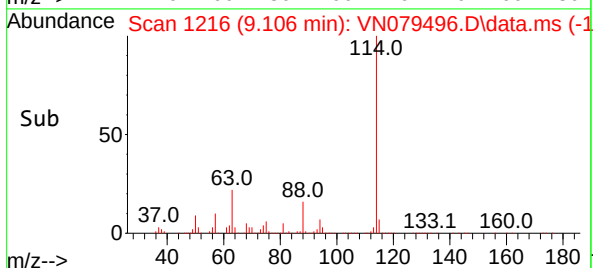
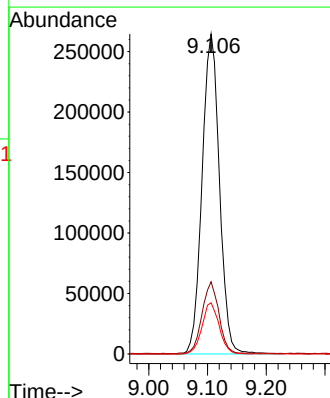
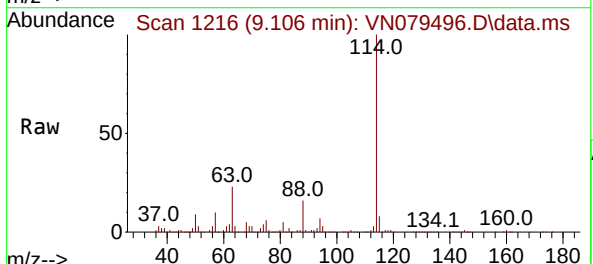
Tgt Ion:114 Resp: 543434

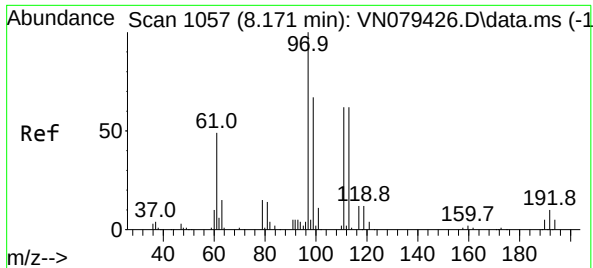
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

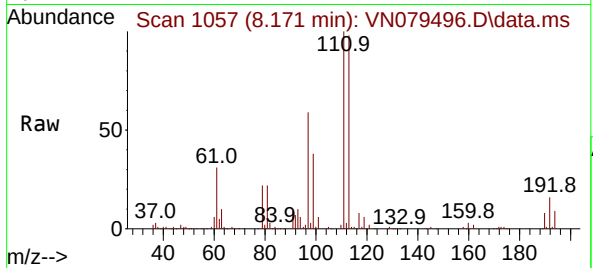
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.444 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

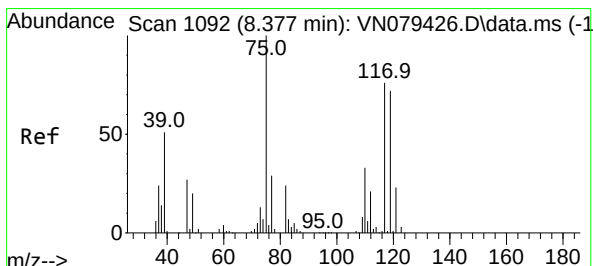
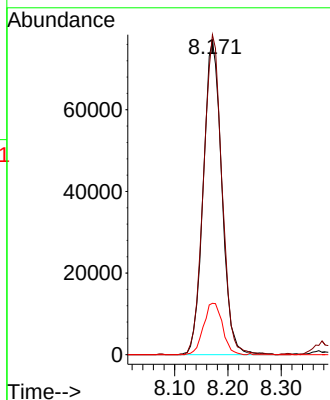
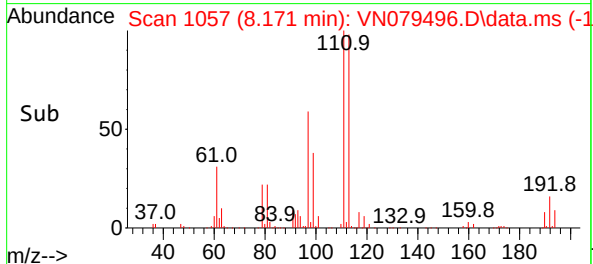
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion:113 Resp: 185289
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 16.8 12.7 19.1

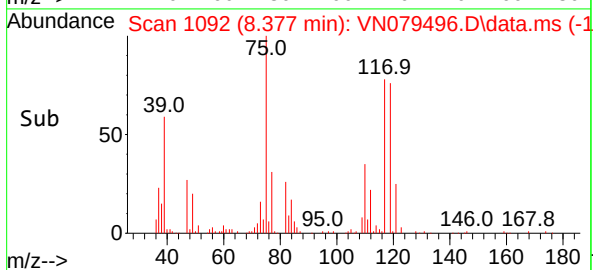
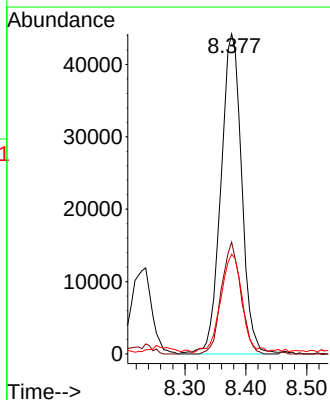
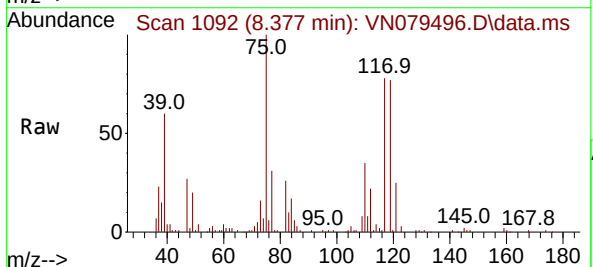
Manual Integrations
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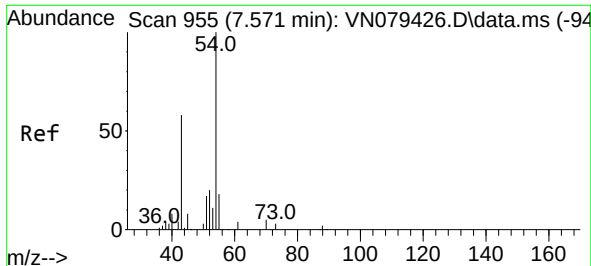
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#36
1,1-Dichloropropene
Concen: 17.865 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

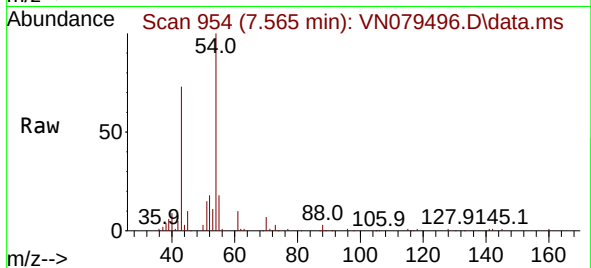
Tgt Ion: 75 Resp: 104714
Ion Ratio Lower Upper
75 100
110 32.7 19.1 57.3
77 31.7 25.0 37.4





#37
Ethyl Acetate
Concen: 17.926 ug/l
RT: 7.565 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

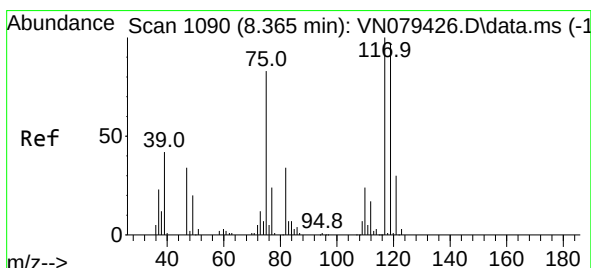
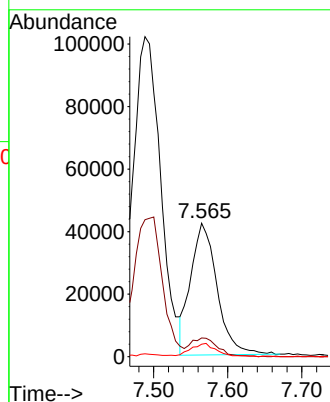
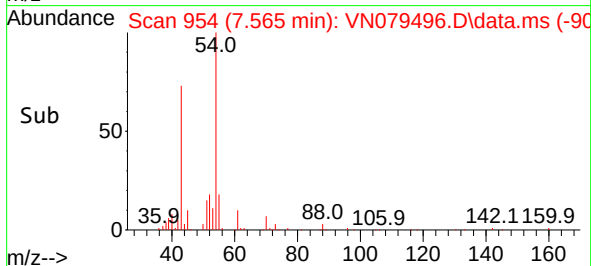
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 43 Resp: 104548
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 9.8 11.3 16.9

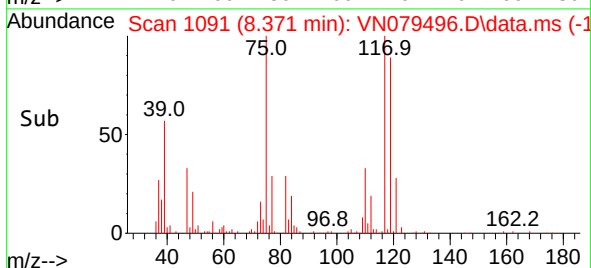
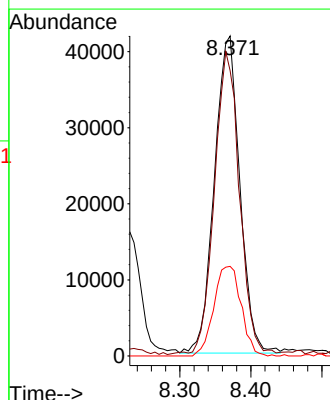
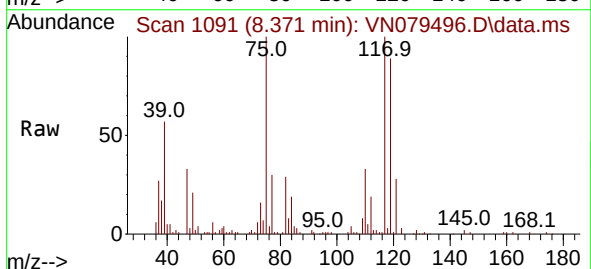
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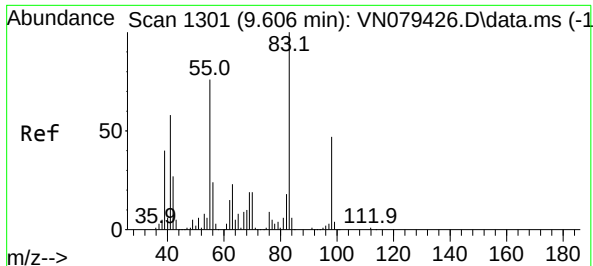
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#38
Carbon Tetrachloride
Concen: 17.668 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:117 Resp: 103675
Ion Ratio Lower Upper
117 100
119 88.8 77.3 115.9
121 28.3 23.3 34.9





#39

Methylcyclohexane

Concen: 19.092 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

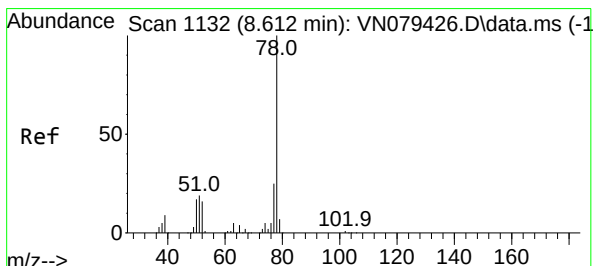
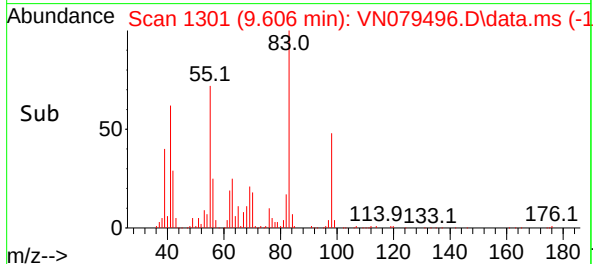
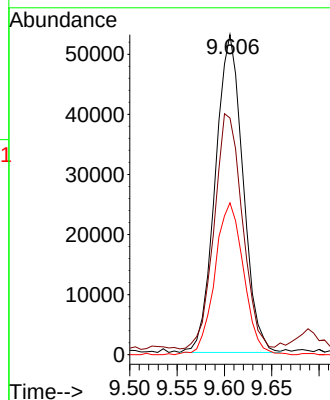
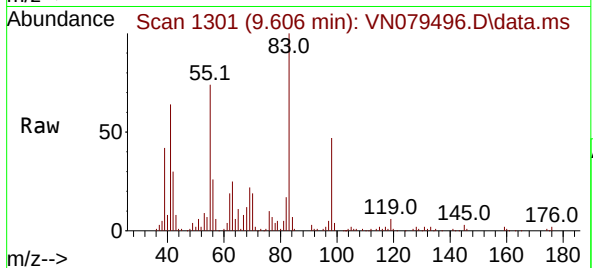
Tgt Ion: 83 Resp: 10751
 Ion Ratio Lower Upper
 83 100
 55 72.7 49.1 73.7
 98 47.4 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#40

Benzene

Concen: 18.222 ug/l

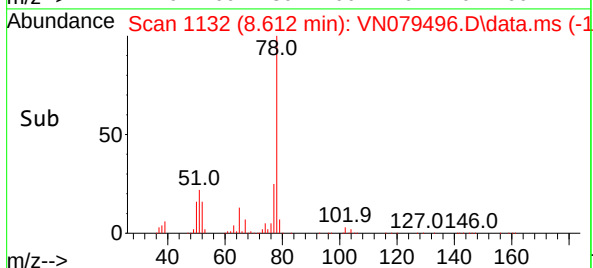
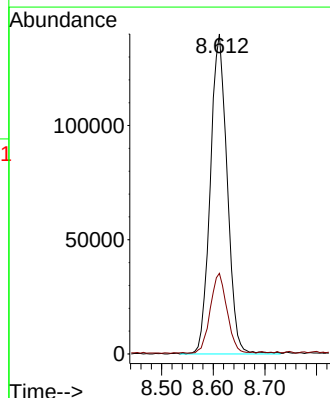
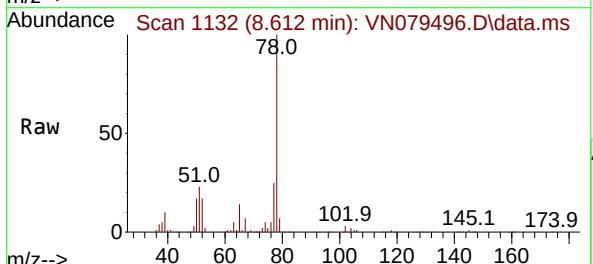
RT: 8.612 min Scan# 1132

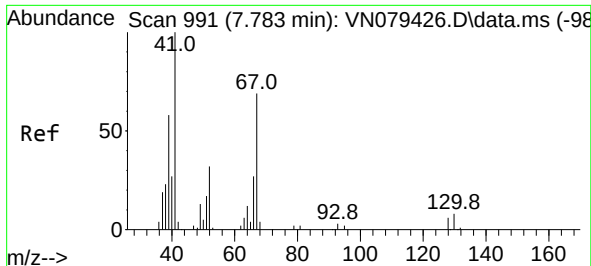
Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Tgt Ion: 78 Resp: 317187
 Ion Ratio Lower Upper
 78 100
 77 24.9 19.0 28.6





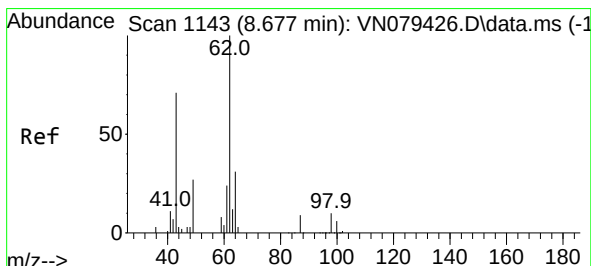
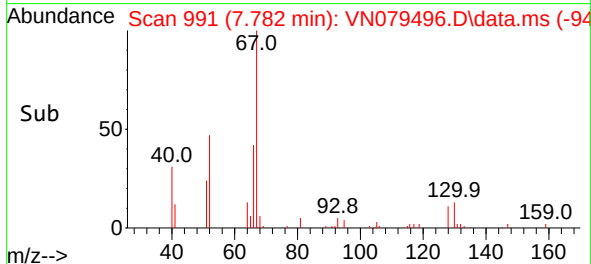
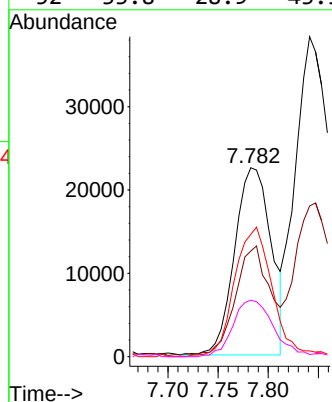
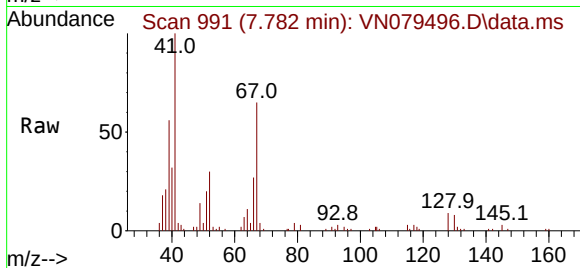
#41
Methacrylonitrile
Concen: 18.649 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion: 41 Resp: 57180
Ion Ratio Lower Upper
41 100
39 55.7 42.6 64.0
67 72.3 77.5 116.3
52 33.8 28.9 43.3

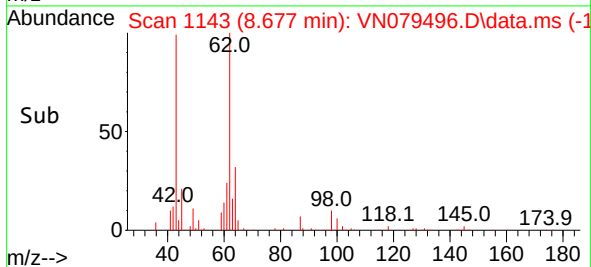
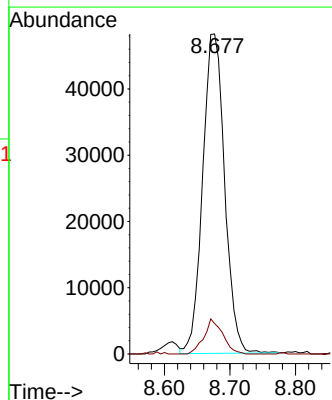
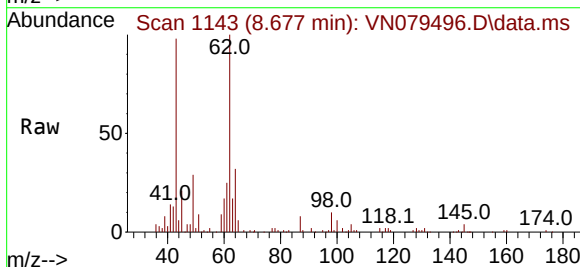
Manual Integrations
APPROVED

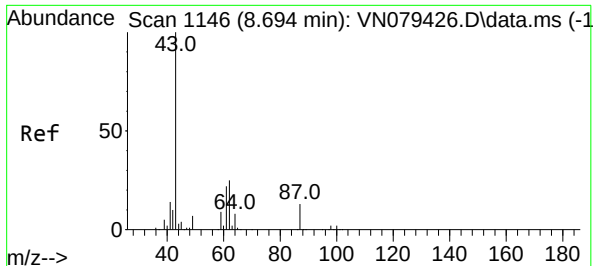
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#42
1,2-Dichloroethane
Concen: 17.801 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

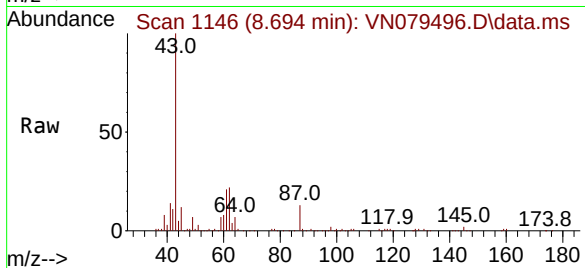
Tgt Ion: 62 Resp: 112594
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 24.251 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

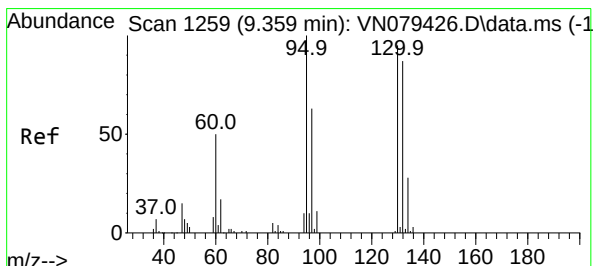
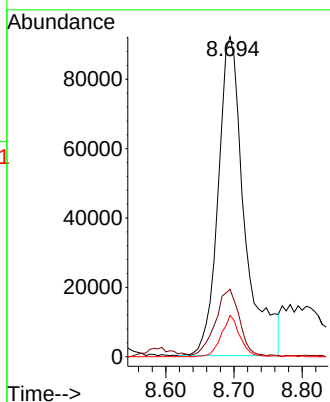
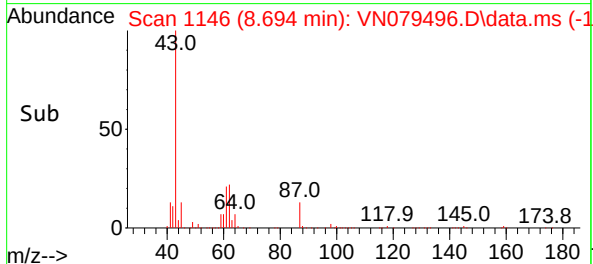
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 43 Resp: 247790
Ion Ratio Lower Upper
43 100
61 19.5 24.7 37.1
87 9.1 14.6 21.8

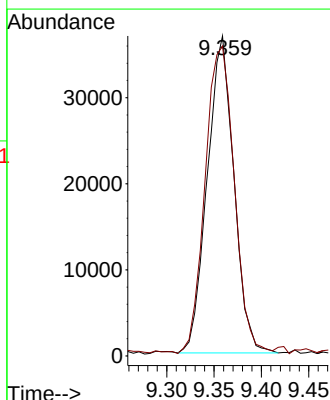
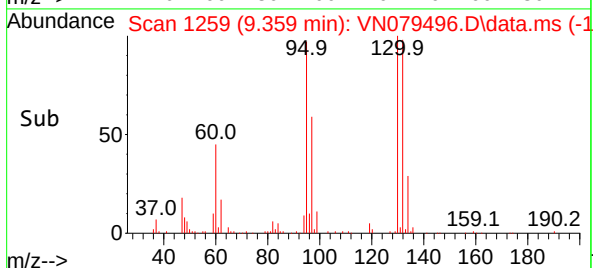
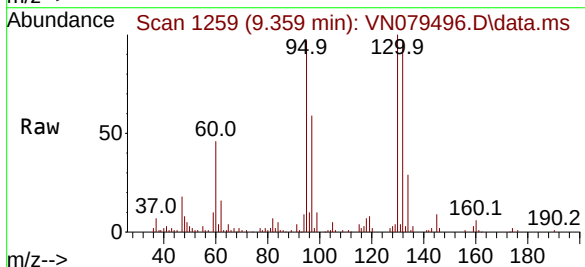
Manual Integrations
APPROVED

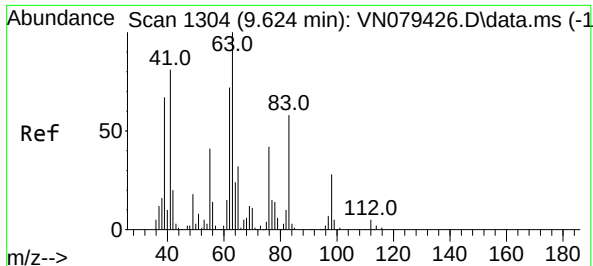
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#44
Trichloroethene
Concen: 17.590 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:130 Resp: 72066
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.503 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

Tgt Ion: 63 Resp: 8486

Ion Ratio Lower Upper

63 100

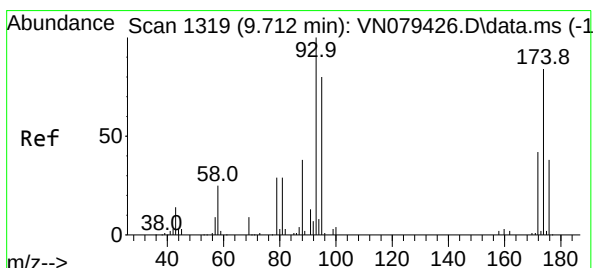
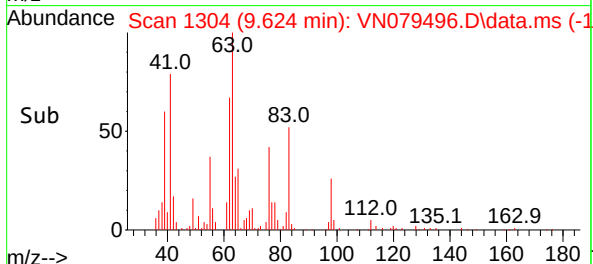
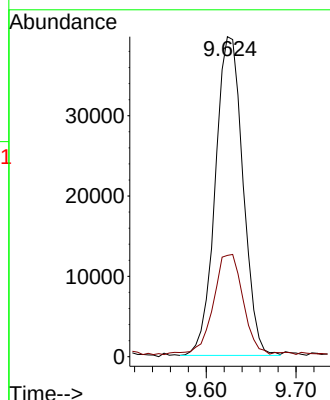
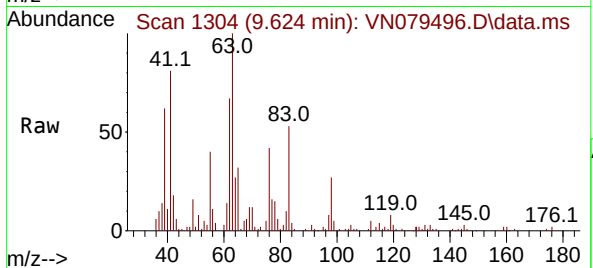
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#46

Dibromomethane

Concen: 18.352 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

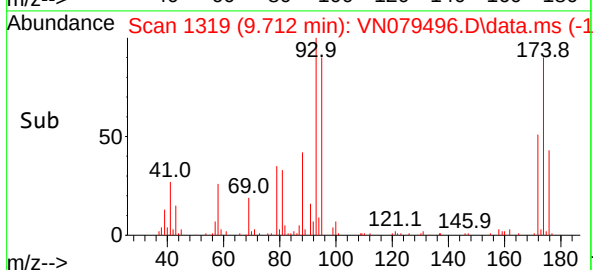
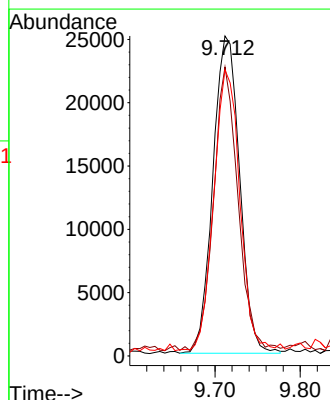
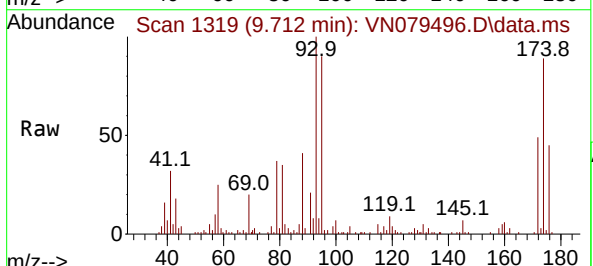
Tgt Ion: 93 Resp: 54513

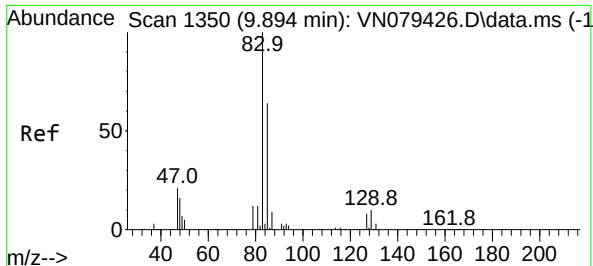
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

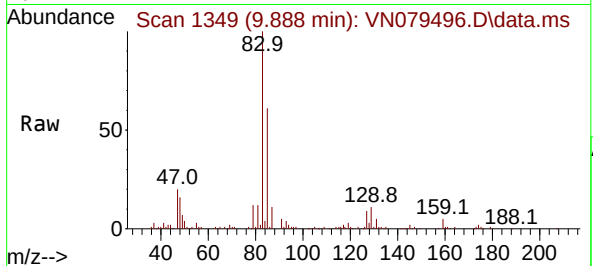
174 85.3 65.6 98.4





#47
Bromodichloromethane
Concen: 17.934 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

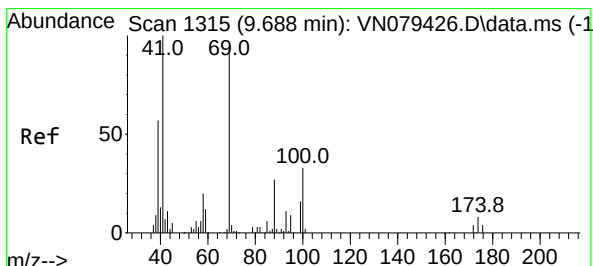
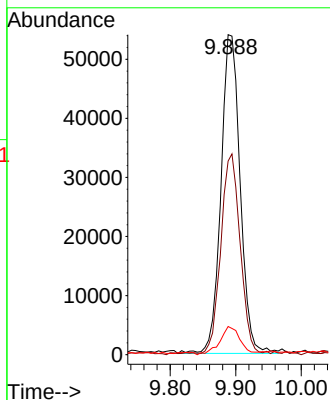
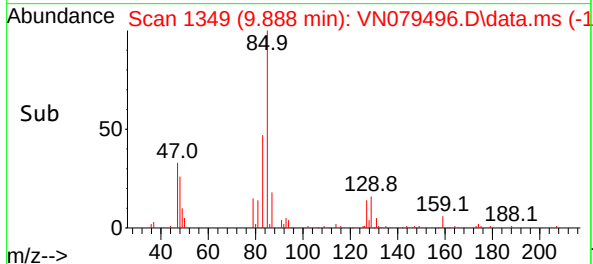
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 83 Resp: 10958
Ion Ratio Lower Upper
83 100
85 60.4 49.6 74.4
127 8.2 7.0 10.6

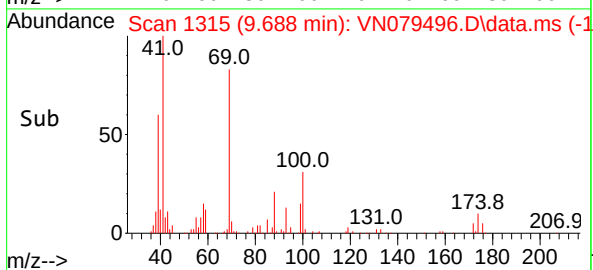
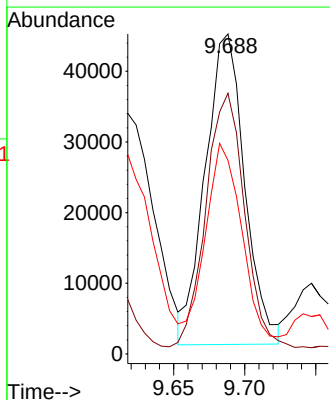
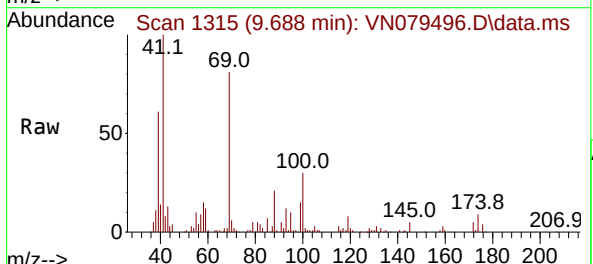
Manual Integrations
APPROVED

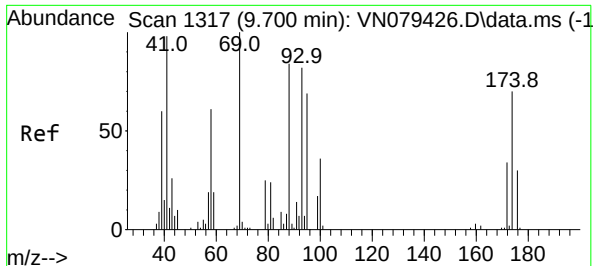
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#48
Methyl methacrylate
Concen: 19.401 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 41 Resp: 84947
Ion Ratio Lower Upper
41 100
69 80.9 90.4 135.6#
39 63.3 54.6 81.8





#49

1,4-Dioxane

Concen: 382.899 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

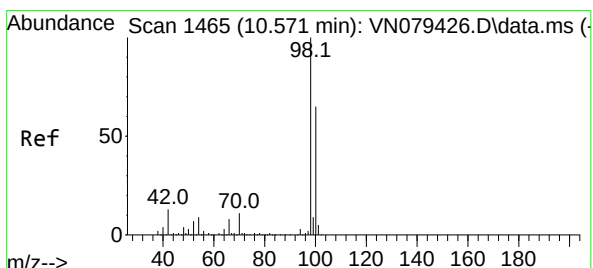
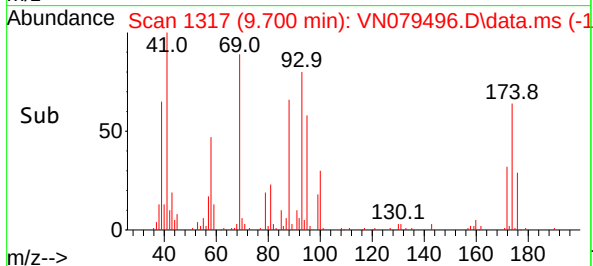
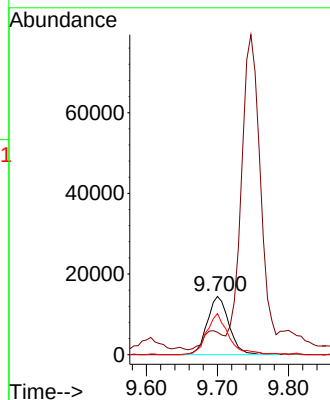
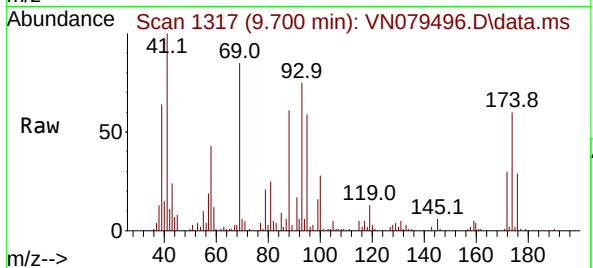
Tgt Ion:	88	Resp:	3088
Ion Ratio	Lower	Upper	
88	100		
43	30.7	17.0	25.6
58	70.5	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#50

Toluene-d8

Concen: 50.320 ug/l

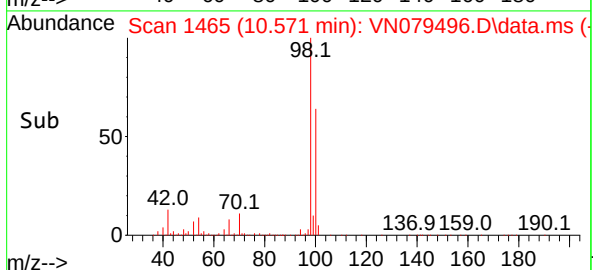
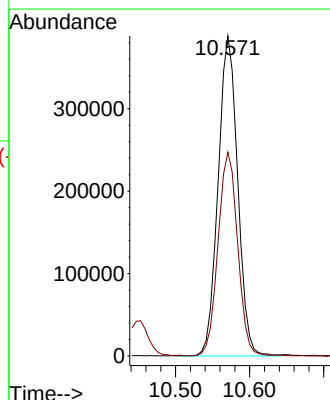
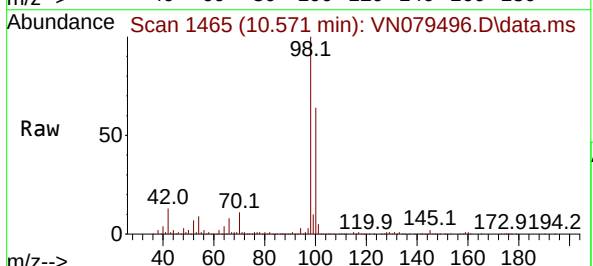
RT: 10.571 min Scan# 1465

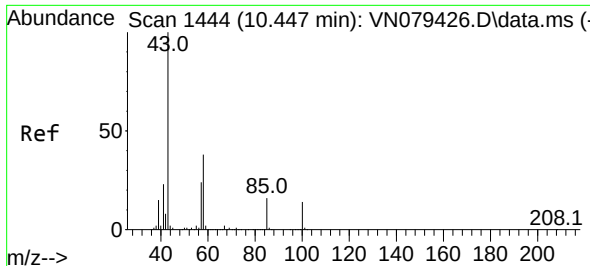
Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

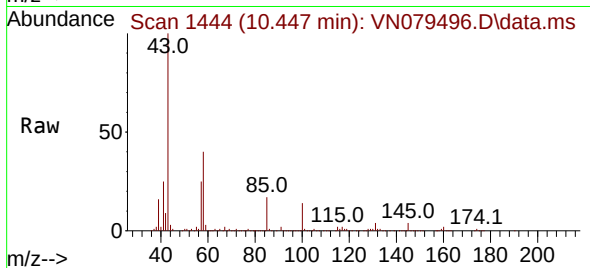
Tgt Ion:	98	Resp:	711056
Ion Ratio	Lower	Upper	
98	100		
100	64.0	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 94.049 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

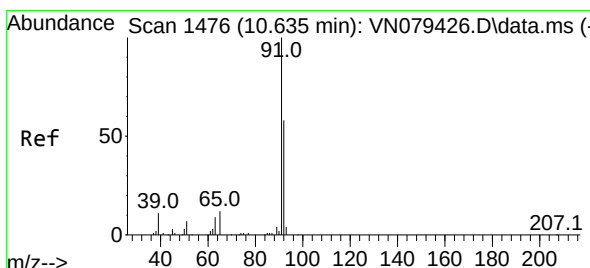
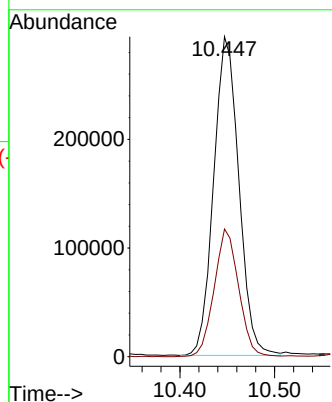
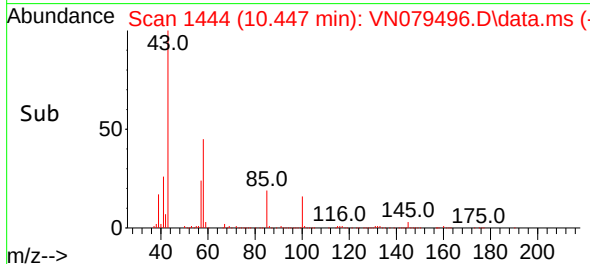
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



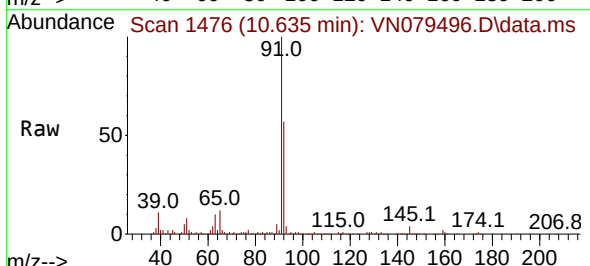
Tgt Ion: 43 Resp: 542472
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8

Manual Integrations
APPROVED

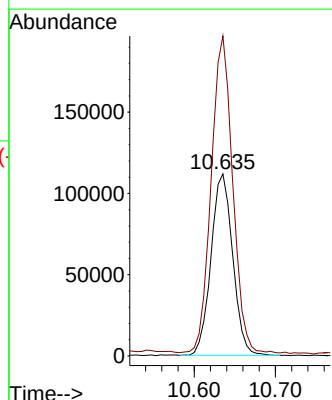
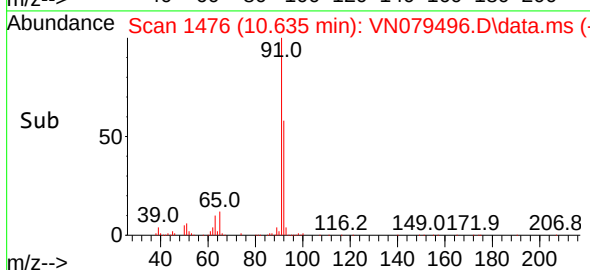
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

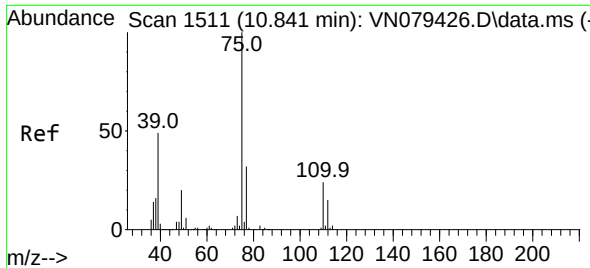


#52
Toluene
Concen: 20.220 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



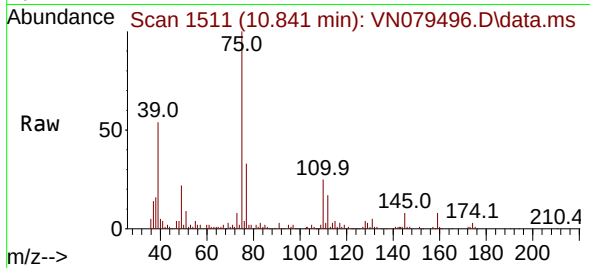
Tgt Ion: 92 Resp: 207182
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.663 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

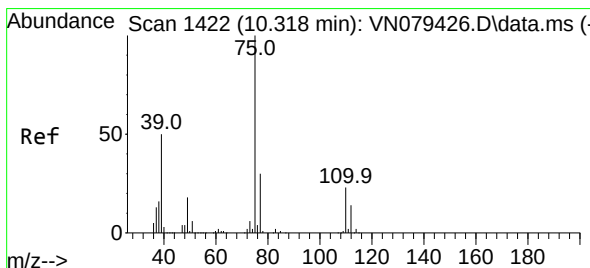
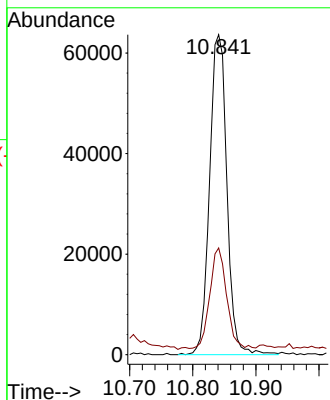
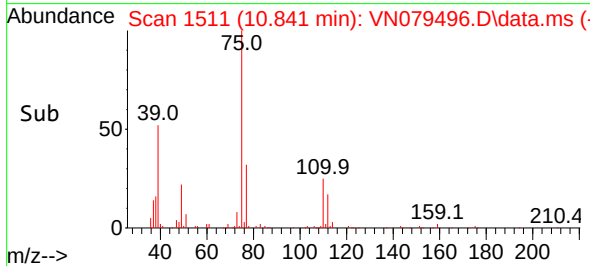
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01



Tgt Ion: 75 Resp: 121078
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

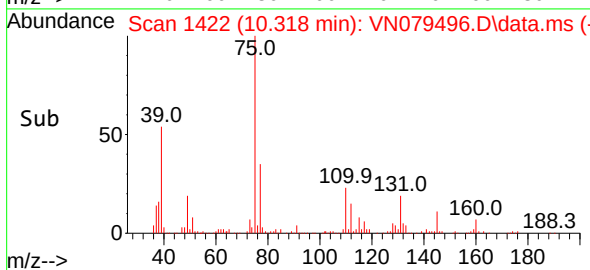
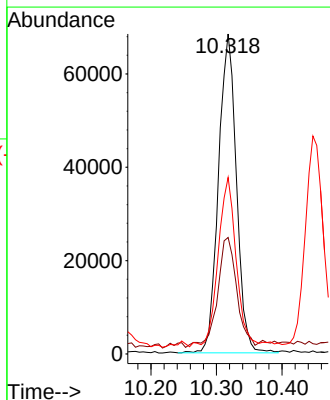
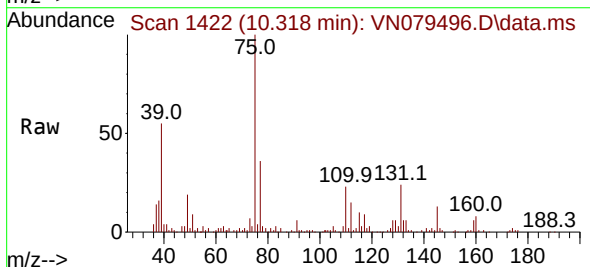
Manual Integrations
 APPROVED

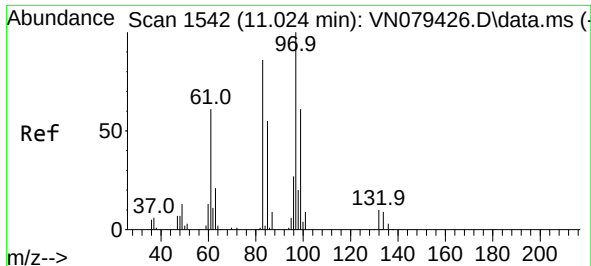
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.226 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

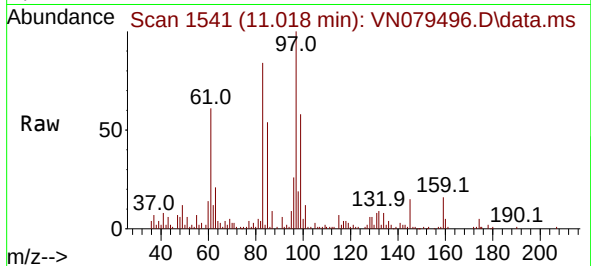
Tgt Ion: 75 Resp: 129598
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.1 39.1
 39 52.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.143 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

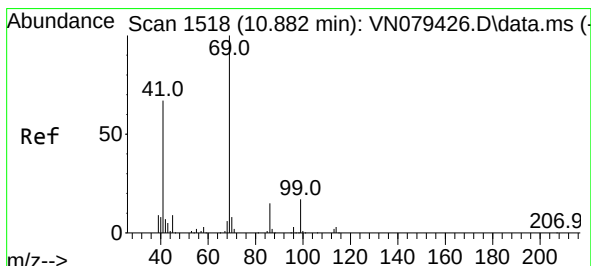
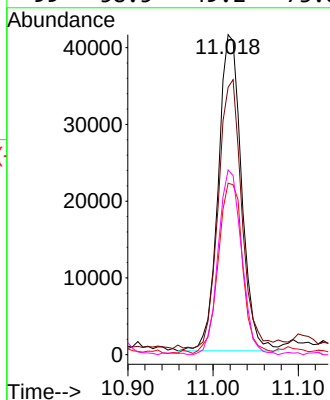
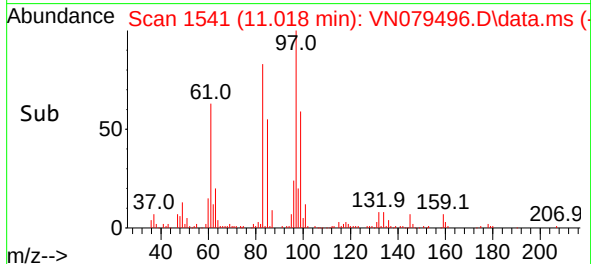
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion:	97	Resp:	7874
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.1	97.7
85	53.7	43.4	65.2
99	58.5	49.2	73.8

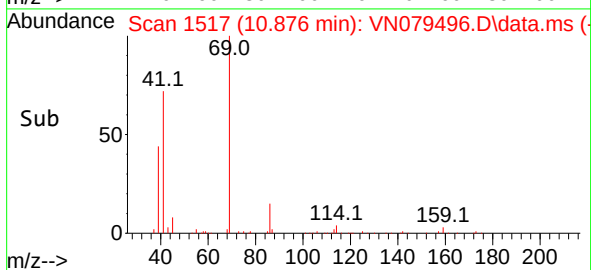
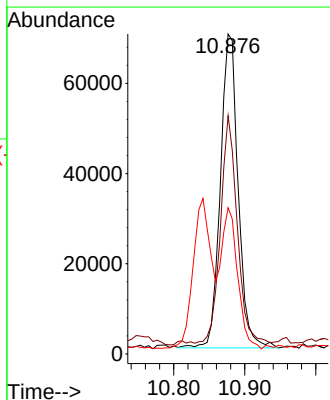
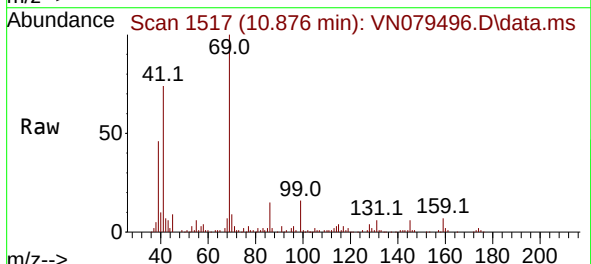
Manual Integrations
APPROVED

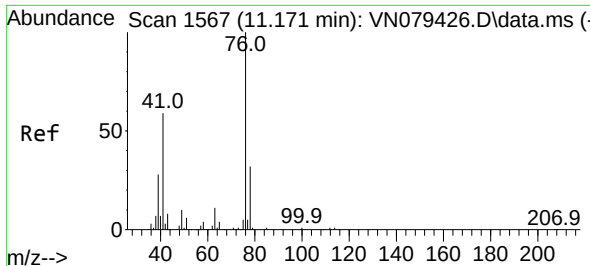
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#56
Ethyl methacrylate
Concen: 21.414 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

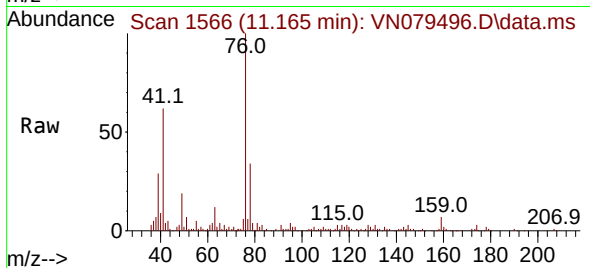
Tgt Ion:	69	Resp:	121045
Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.6	59.4#
39	41.6	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.294 ug/l
RT: 11.165 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

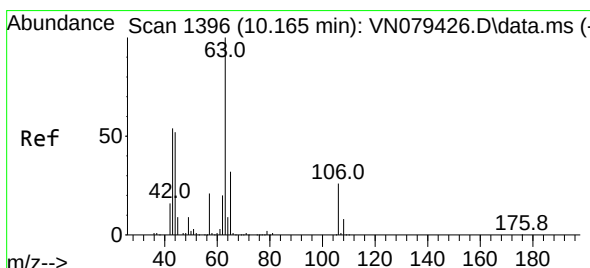
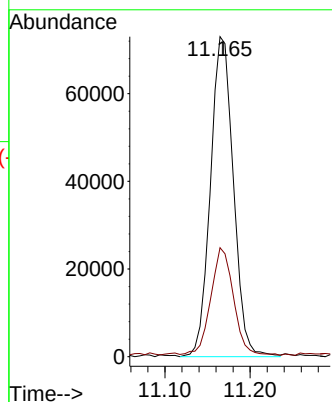
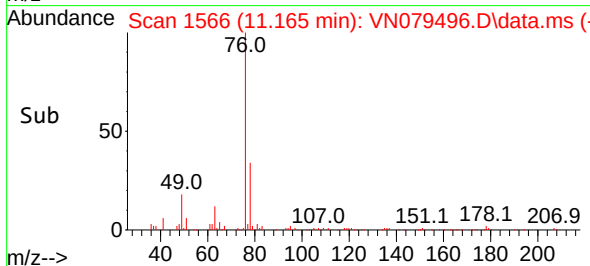
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 76 Resp: 13704
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

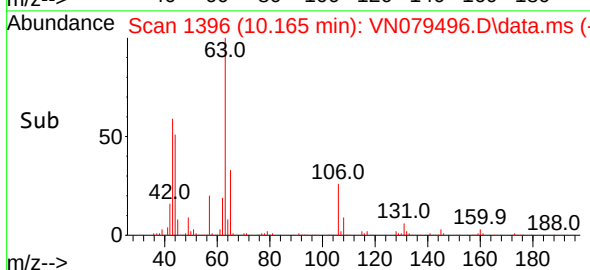
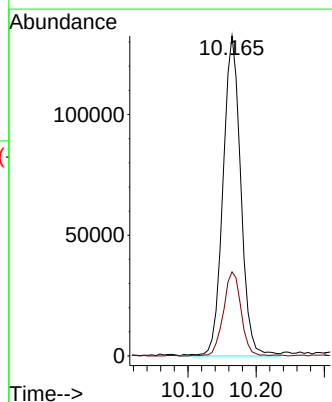
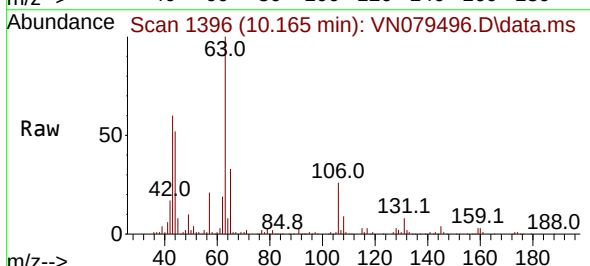
Manual Integrations
APPROVED

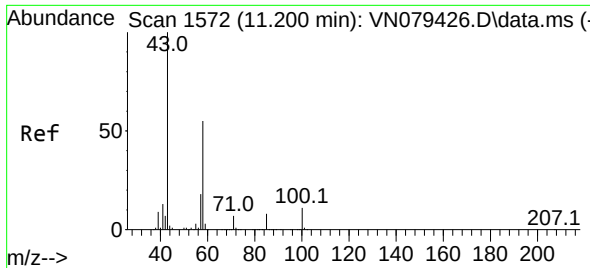
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 111.154 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

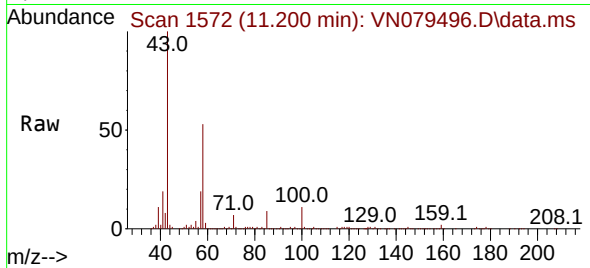
Tgt Ion: 63 Resp: 240623
Ion Ratio Lower Upper
63 100
106 26.1 26.2 39.4#





#59
2-Hexanone
Concen: 96.573 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

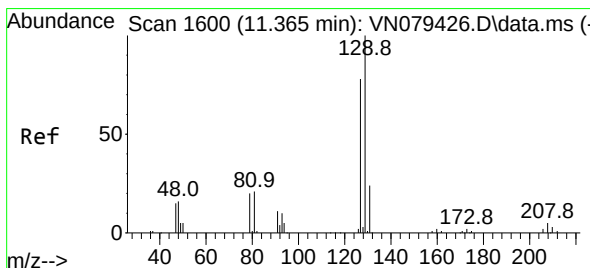
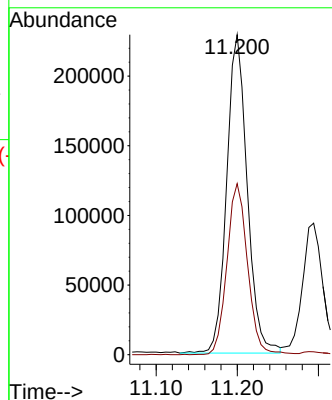
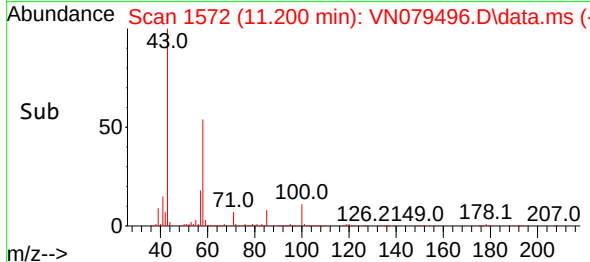
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 43 Resp: 40195
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1

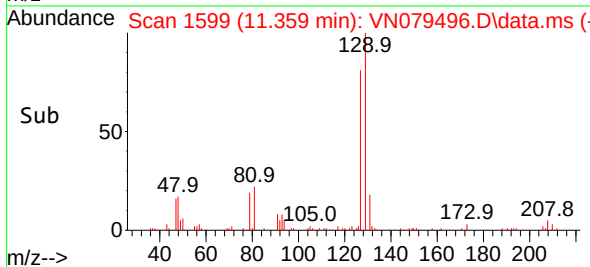
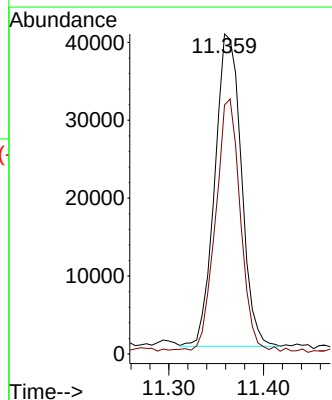
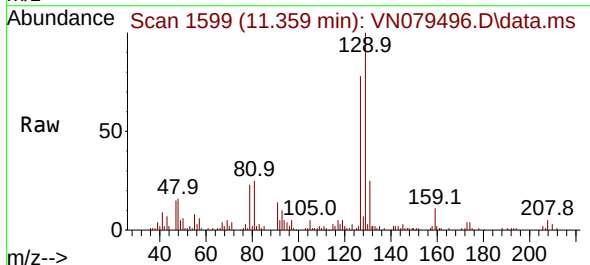
Manual Integrations
APPROVED

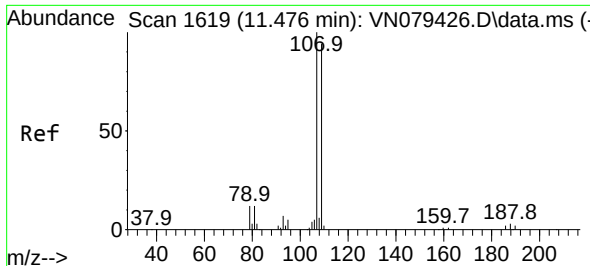
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#60
Dibromochloromethane
Concen: 18.836 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:129 Resp: 77874
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





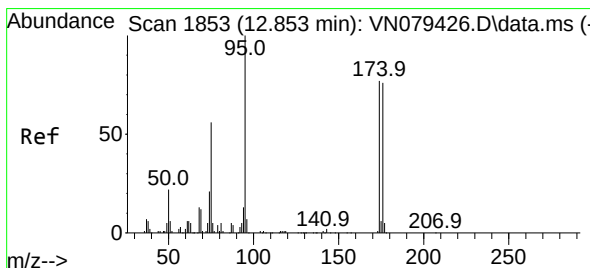
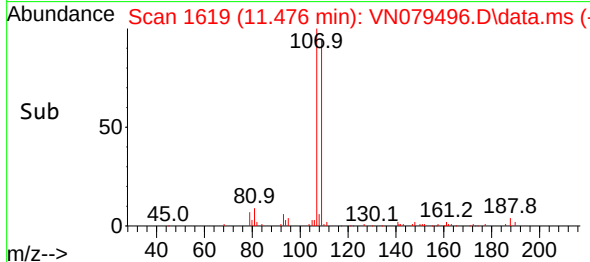
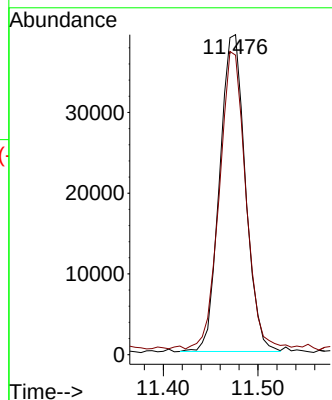
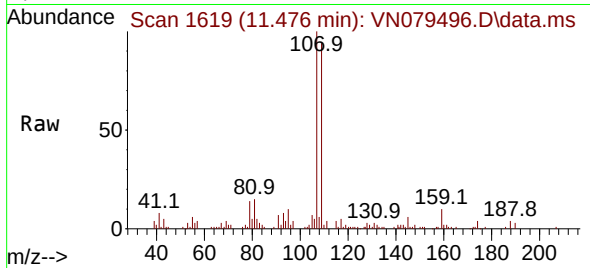
#61
1,2-Dibromoethane
Concen: 18.148 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:107 Resp: 74085
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

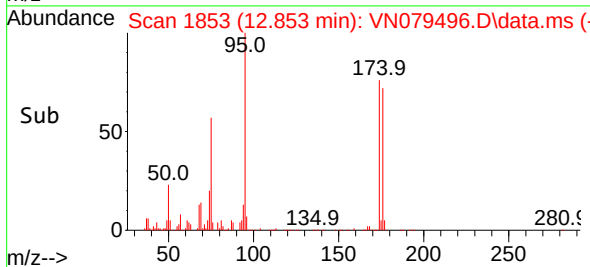
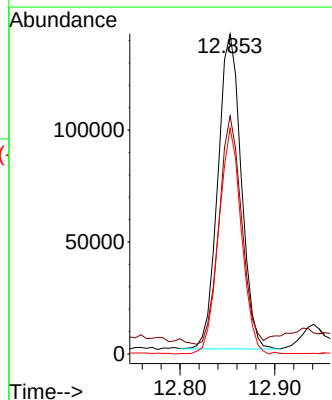
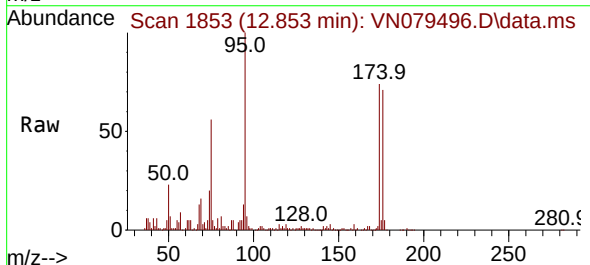
Manual Integrations
APPROVED

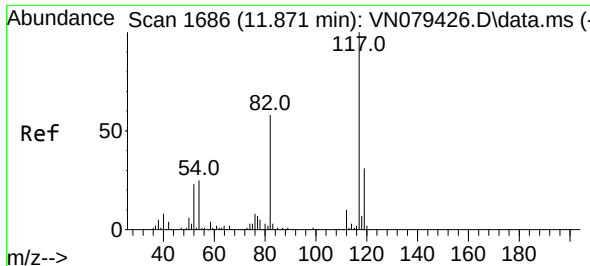
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 53.115 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 95 Resp: 240865
Ion Ratio Lower Upper
95 100
174 69.5 0.0 143.8
176 70.4 0.0 135.8





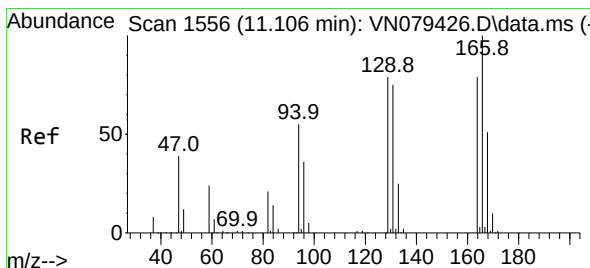
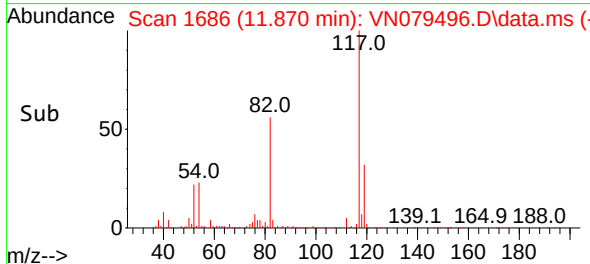
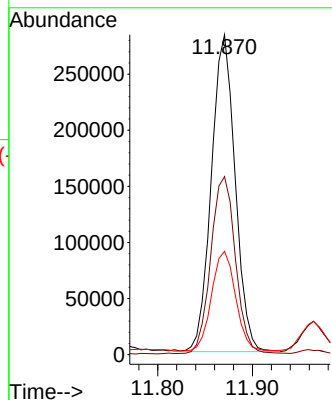
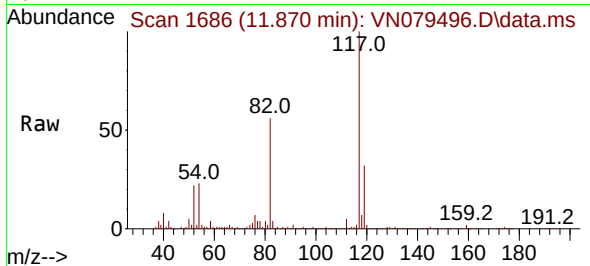
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:117 Resp: 49248
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.4 25.6 38.4

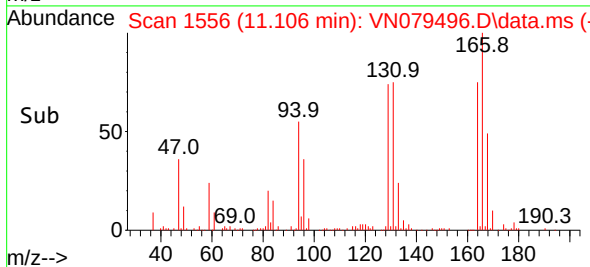
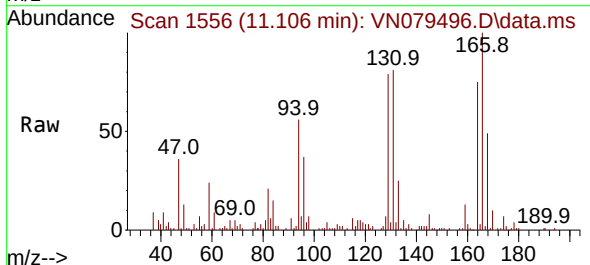
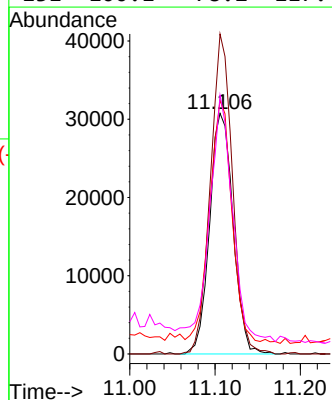
Manual Integrations
APPROVED

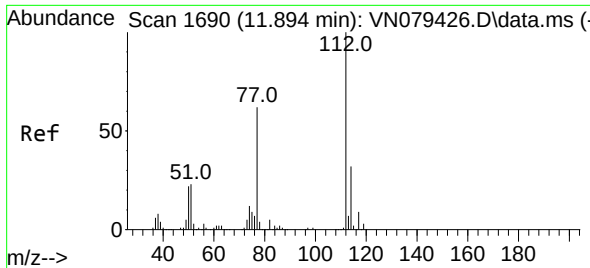
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#64
Tetrachloroethene
Concen: 17.287 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

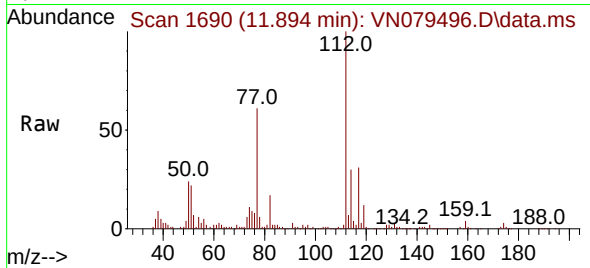
Tgt Ion:164 Resp: 58568
Ion Ratio Lower Upper
164 100
166 133.0 101.4 152.0
129 101.0 82.4 123.6
131 100.1 78.2 117.4





#65
Chlorobenzene
Concen: 18.233 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

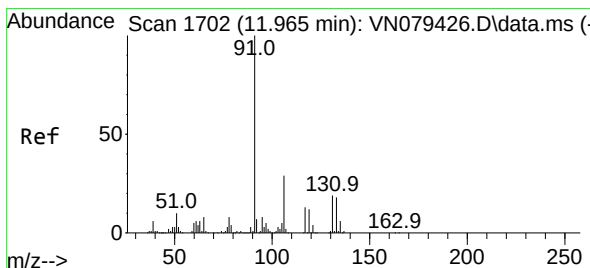
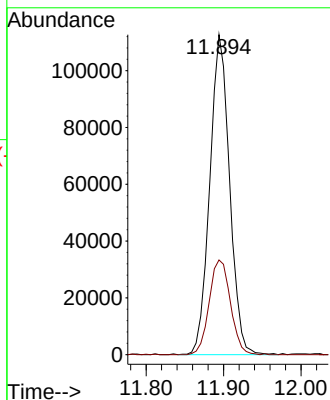
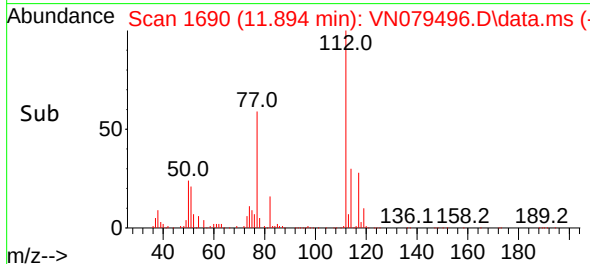
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion:112 Resp: 199974
Ion Ratio Lower Upper
112 100
114 29.6 25.0 37.4

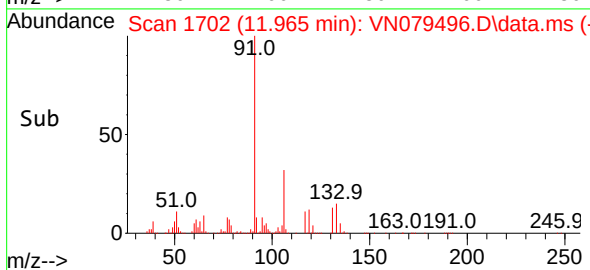
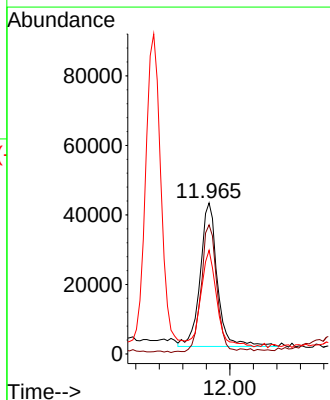
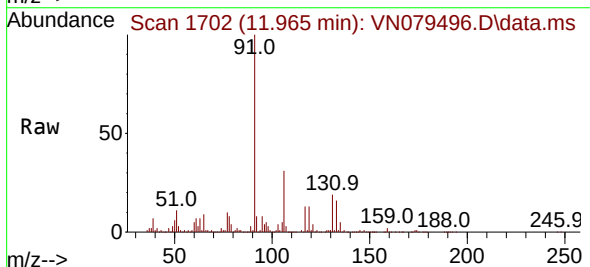
Manual Integrations
APPROVED

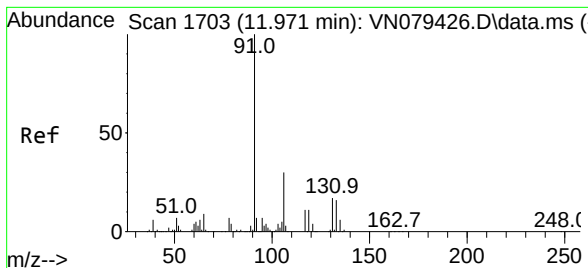
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.907 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:131 Resp: 83959
Ion Ratio Lower Upper
131 100
133 81.2 46.4 139.1
119 62.6 34.1 102.2





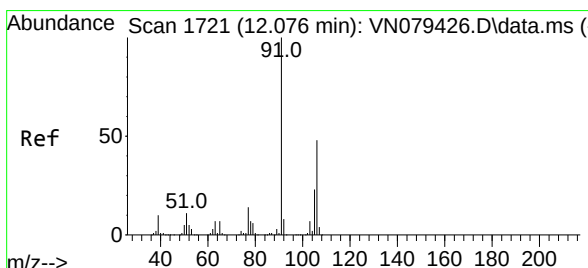
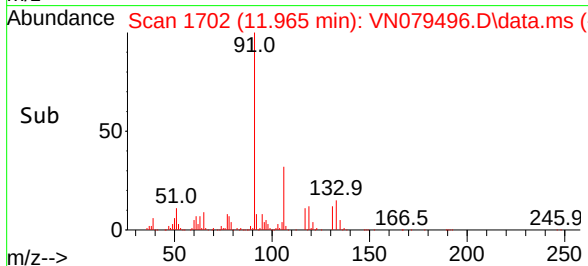
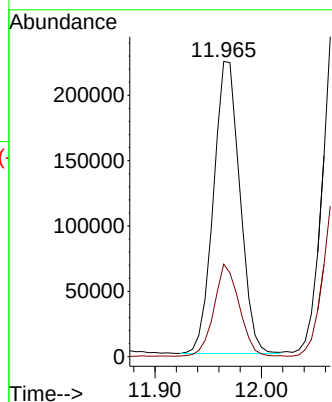
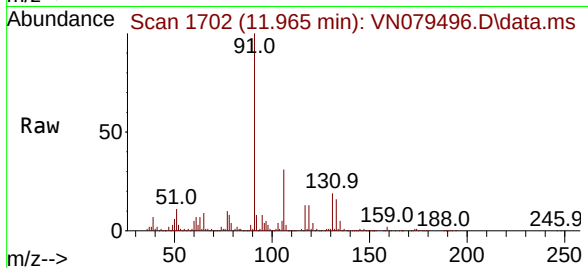
#67
Ethyl Benzene
Concen: 20.212 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion: 91 Resp: 385312
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

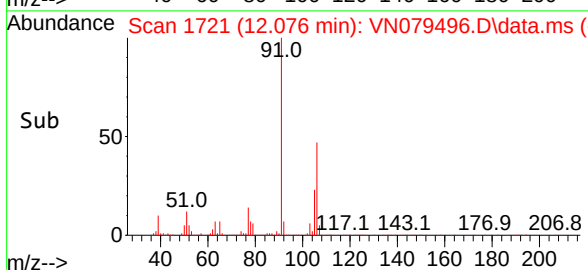
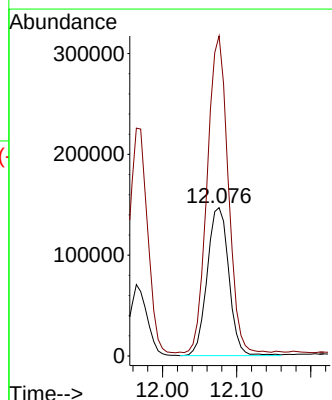
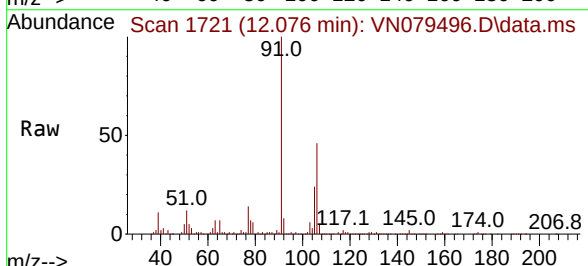
Manual Integrations
APPROVED

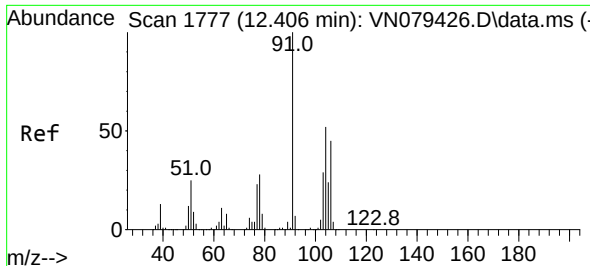
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#68
m/p-Xylenes
Concen: 43.048 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:106 Resp: 298176
Ion Ratio Lower Upper
106 100
91 206.4 159.6 239.4





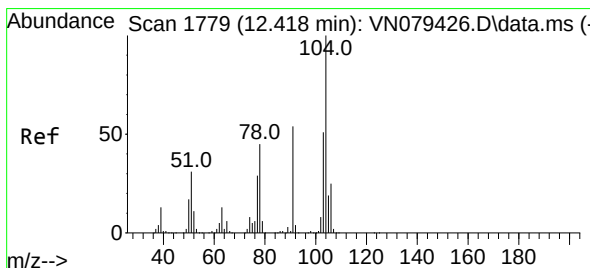
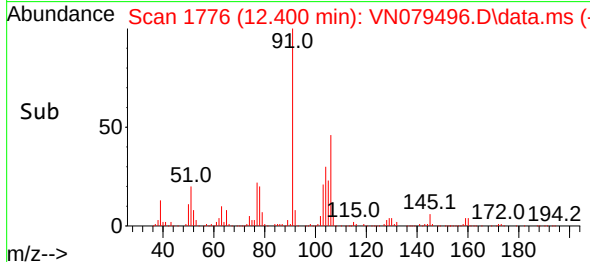
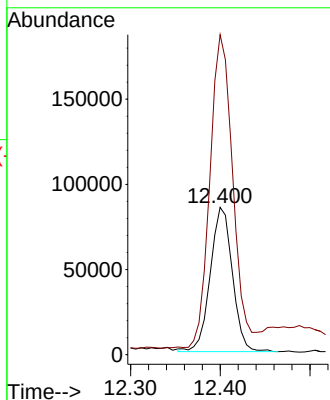
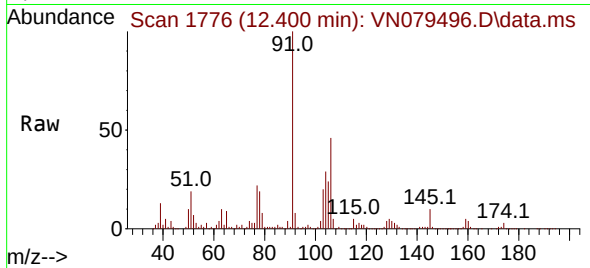
#69
o-Xylene
Concen: 21.326 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:106 Resp: 145270
Ion Ratio Lower Upper
106 100
91 226.6 105.2 315.5

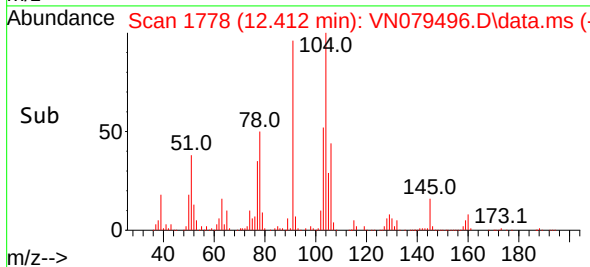
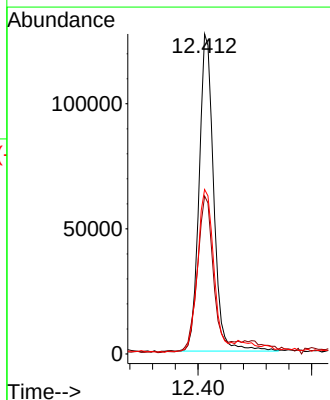
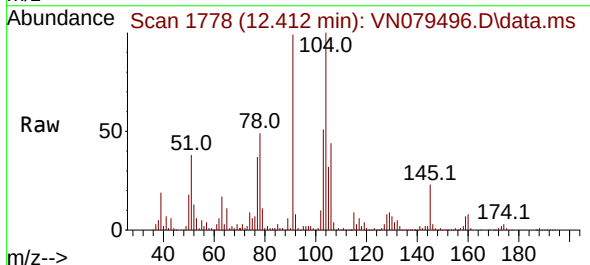
Manual Integrations
APPROVED

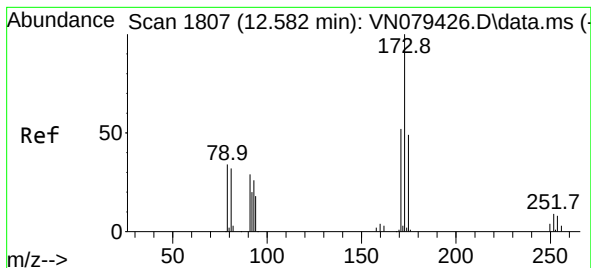
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#70
Styrene
Concen: 21.053 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:104 Resp: 226520
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 57.1 43.2 64.8





#71

Bromoform

Concen: 17.709 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

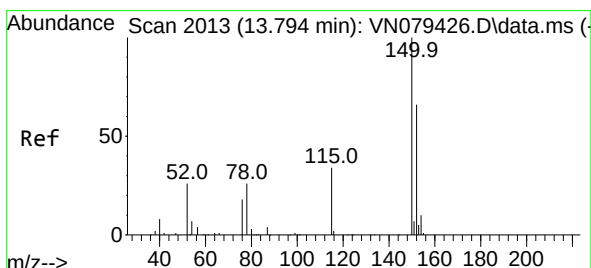
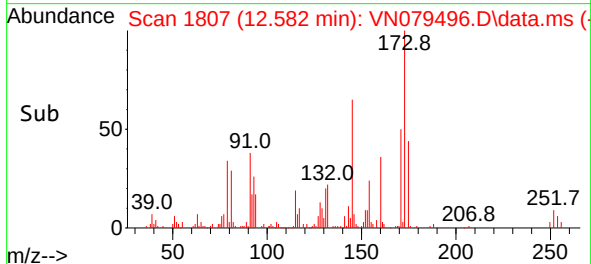
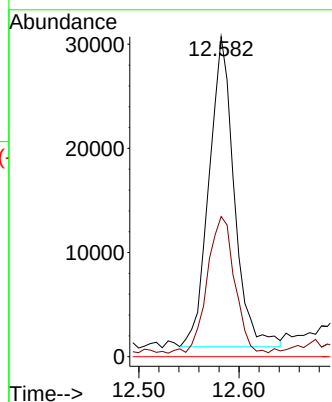
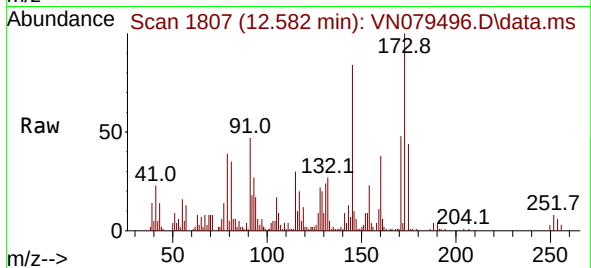
Tgt Ion:	173	Resp:	52049
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

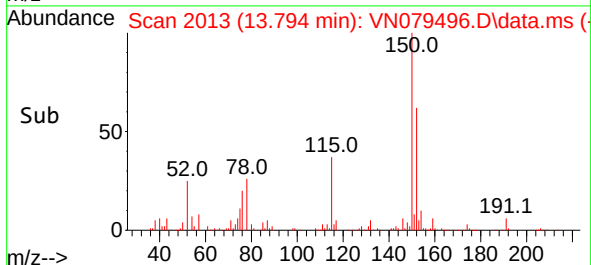
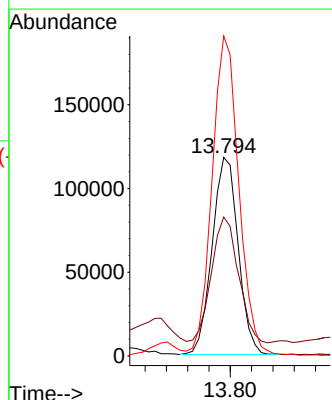
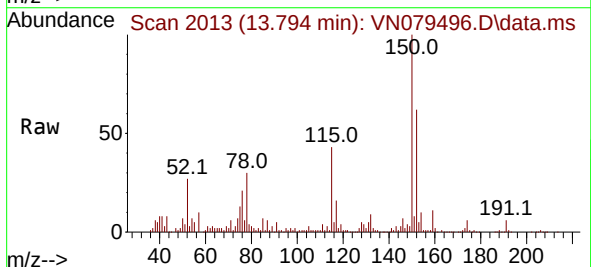
RT: 13.794 min Scan# 2013

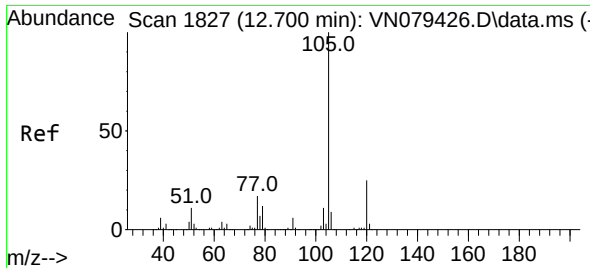
Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Tgt Ion:	152	Resp:	199382
Ion Ratio	Lower	Upper	
152	100		
115	66.1	32.3	96.8
150	166.2	0.0	355.8





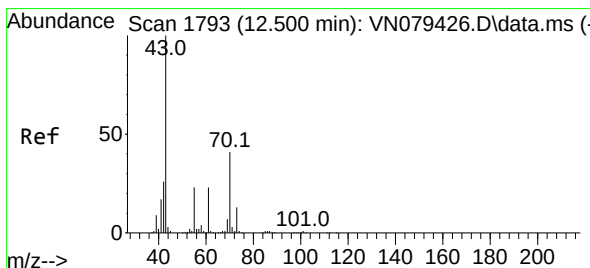
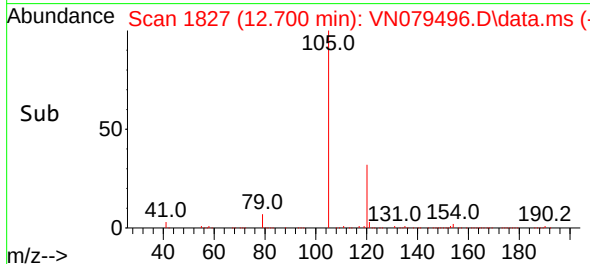
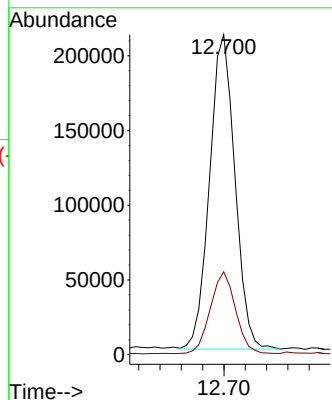
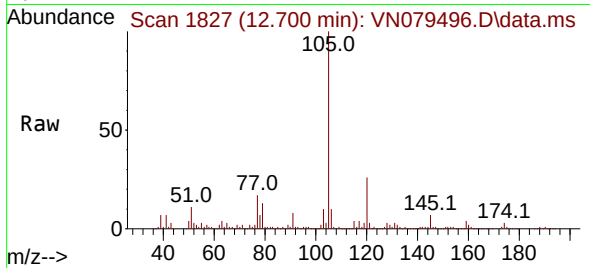
#73
Isopropylbenzene
Concen: 18.759 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:105 Resp: 347960
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

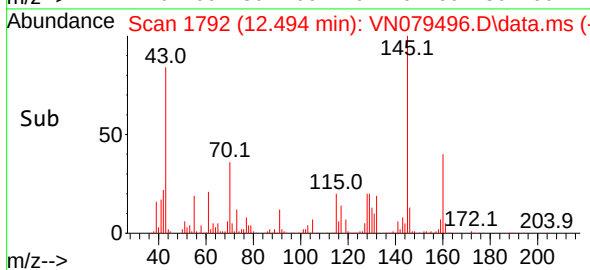
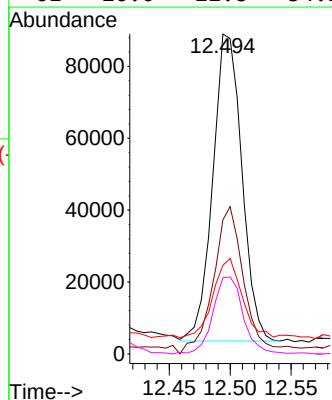
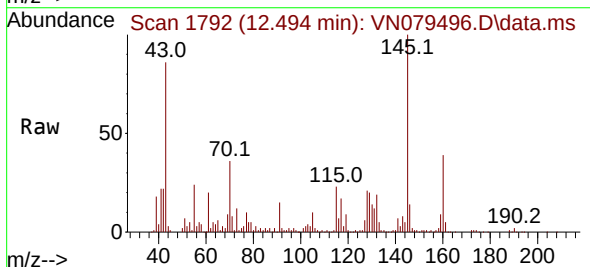
Manual Integrations
APPROVED

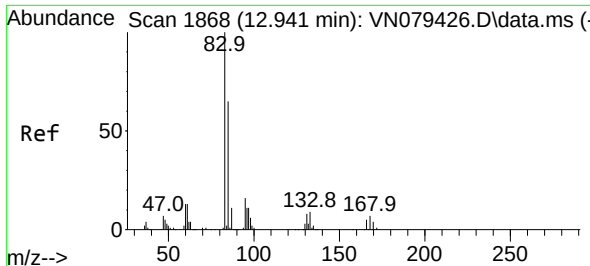
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#74
N-ethyl acetate
Concen: 18.633 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

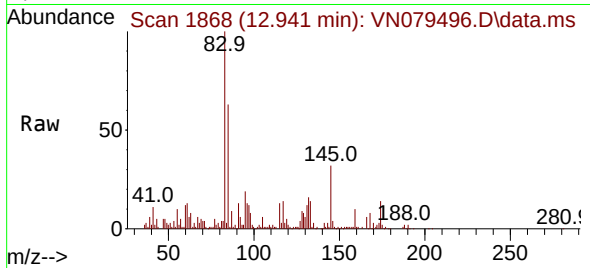
Tgt Ion: 43 Resp: 141694
Ion Ratio Lower Upper
43 100
70 51.6 43.4 65.2
55 27.1 21.4 32.0
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.427 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

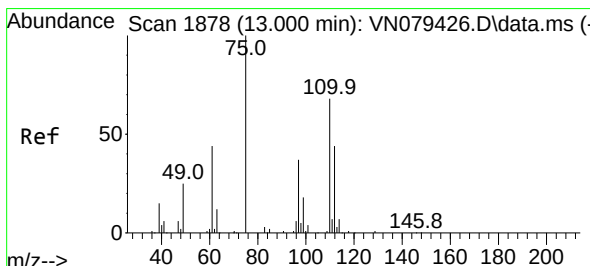
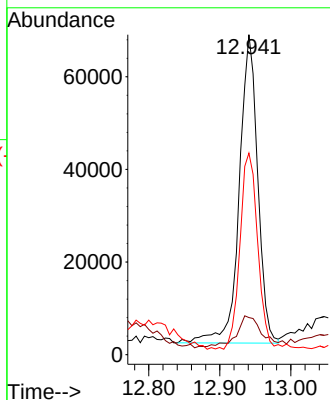
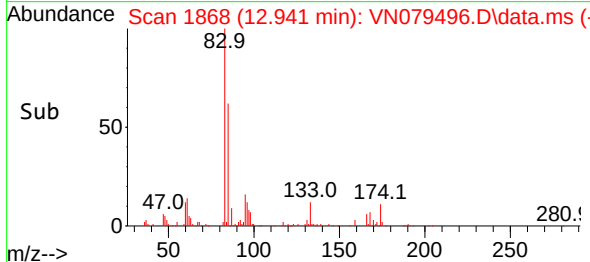
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



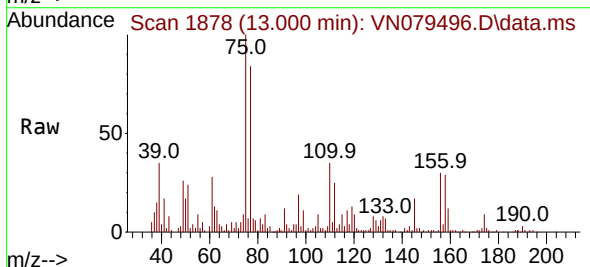
Tgt Ion: 83 Resp: 120758
Ion Ratio Lower Upper
83 100
131 12.6 5.0 15.0
85 61.7 31.9 95.7

Manual Integrations
APPROVED

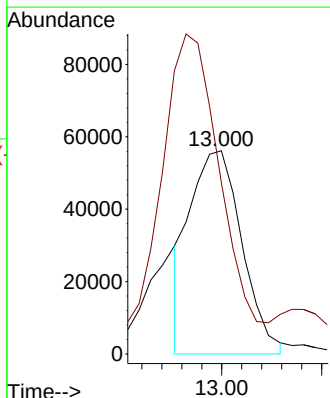
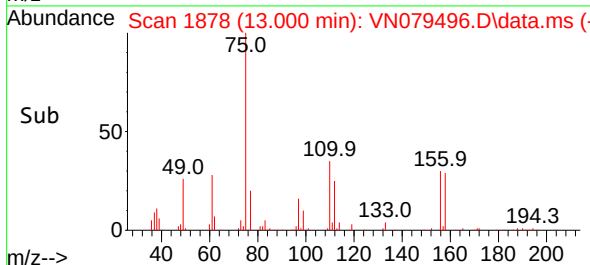
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

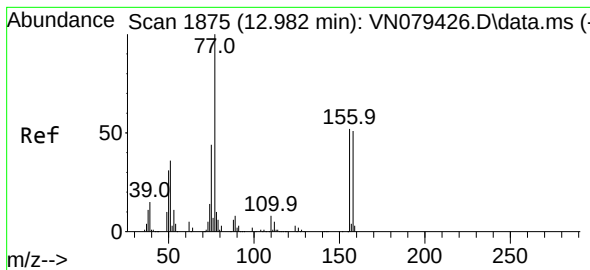


#76
1,2,3-Trichloropropane
Concen: 17.669 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



Tgt Ion: 75 Resp: 101577
Ion Ratio Lower Upper
75 100
77 171.7 84.5 253.5





#77

Bromobenzene

Concen: 17.235 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

Tgt Ion:156 Resp: 7838

Ion Ratio Lower Upper

156 100

77 222.6 107.7 323.3

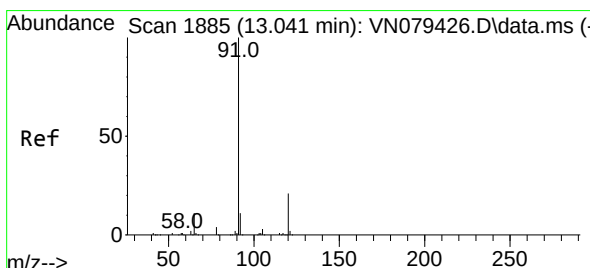
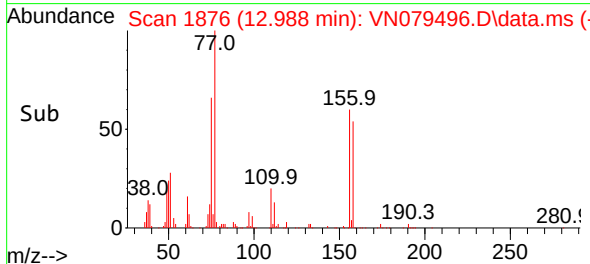
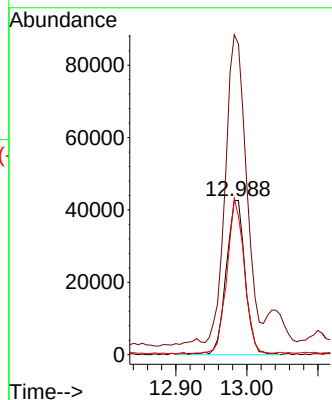
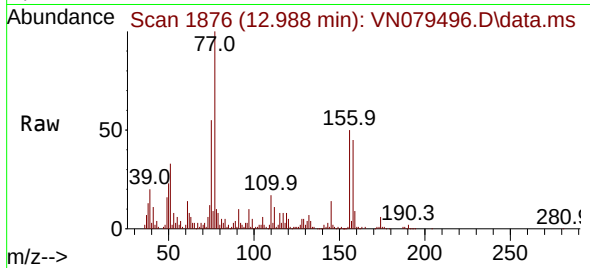
158 95.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#78

n-propylbenzene

Concen: 19.391 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079496.D

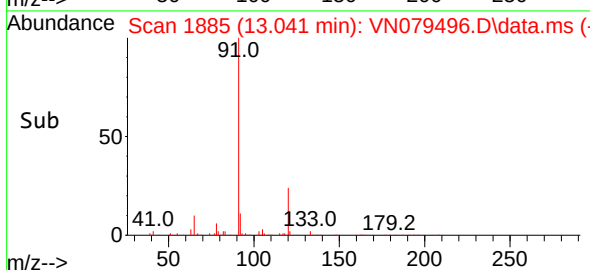
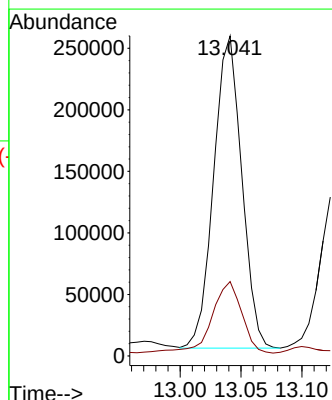
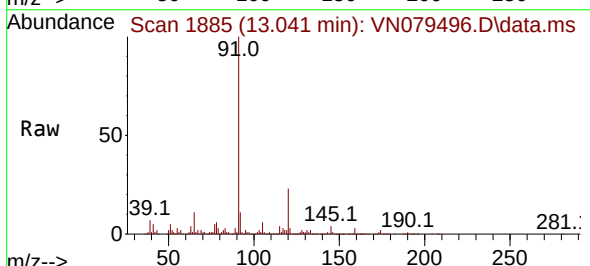
Acq: 10 Oct 2023 16:25

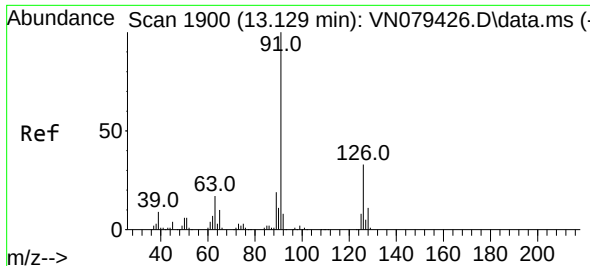
Tgt Ion: 91 Resp: 406946

Ion Ratio Lower Upper

91 100

120 27.5 11.5 34.4





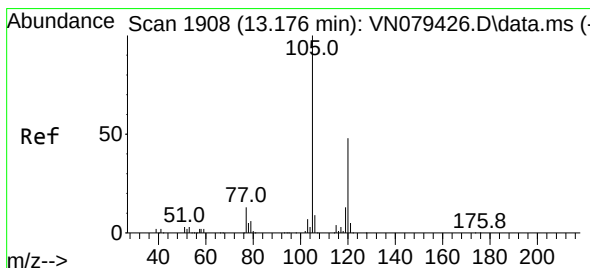
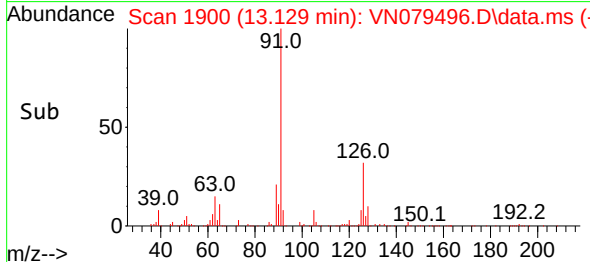
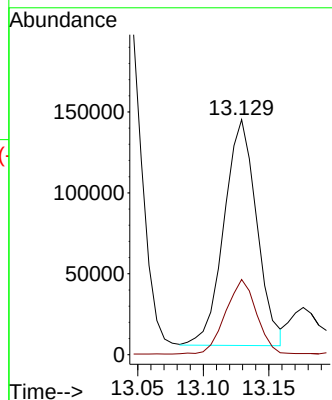
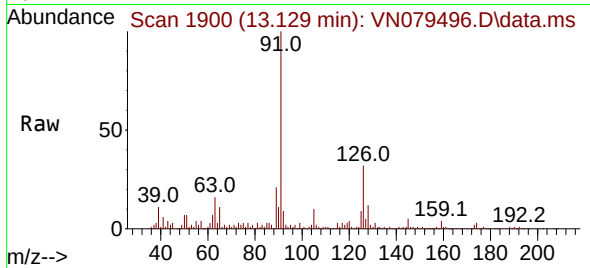
#79
2-Chlorotoluene
Concen: 18.060 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion: 91 Resp: 242530
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

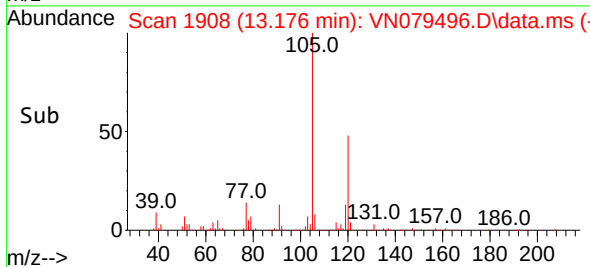
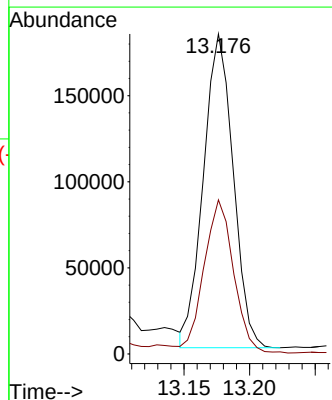
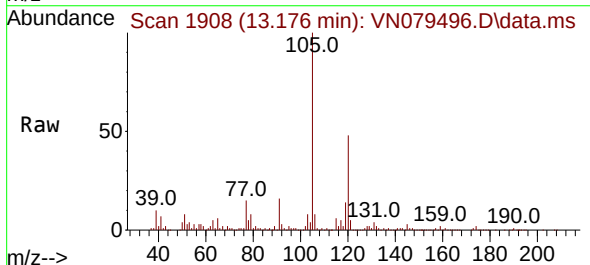
Manual Integrations
APPROVED

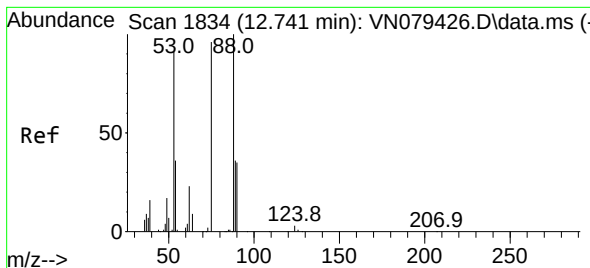
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.656 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

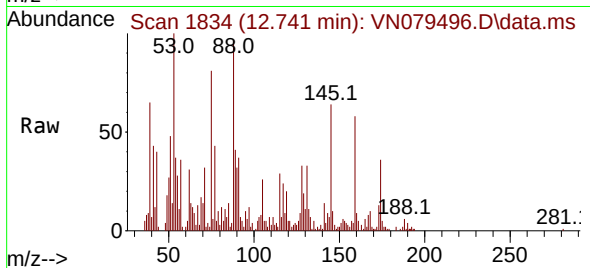
Tgt Ion:105 Resp: 287501
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.233 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

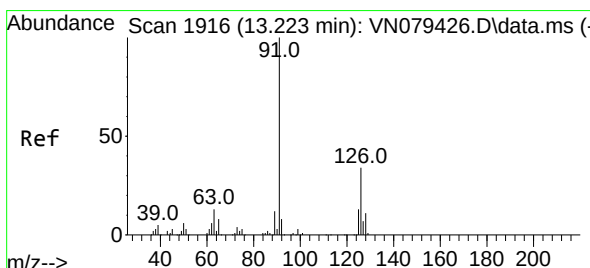
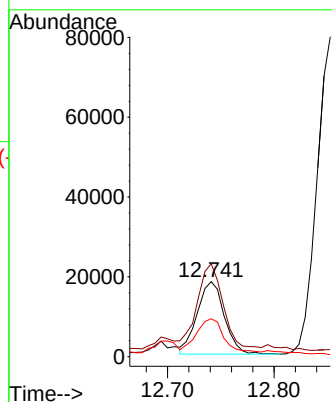
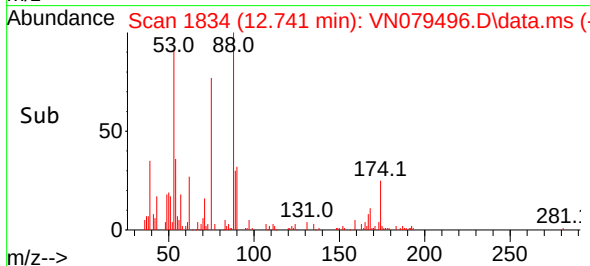
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 75 Resp: 3216
Ion Ratio Lower Upper
75 100
53 109.3 67.4 101.2
89 44.9 38.8 58.2

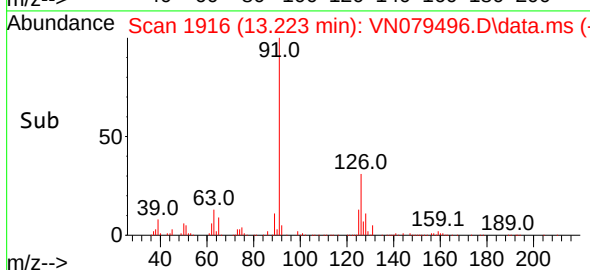
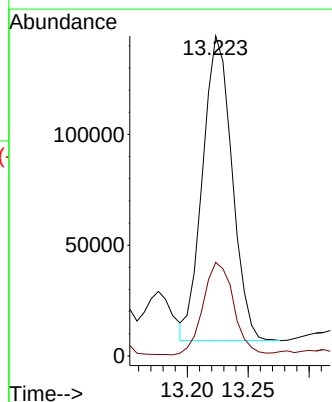
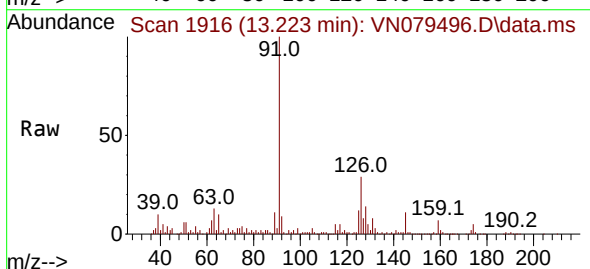
Manual Integrations
APPROVED

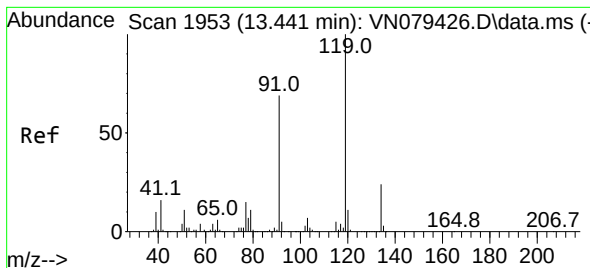
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#82
4-Chlorotoluene
Concen: 18.060 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

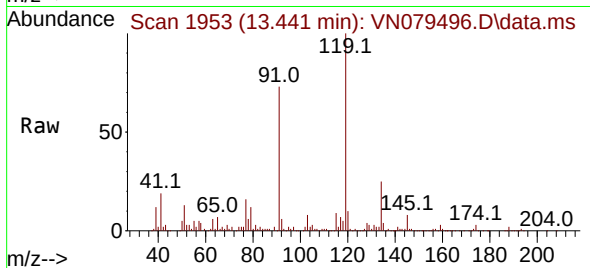
Tgt Ion: 91 Resp: 230790
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.026 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

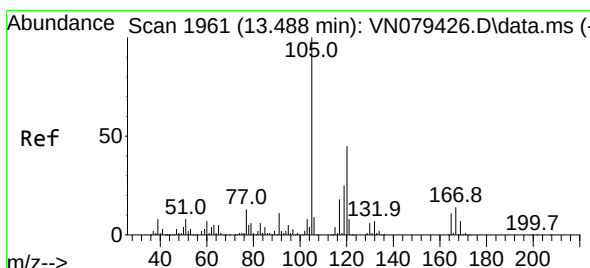
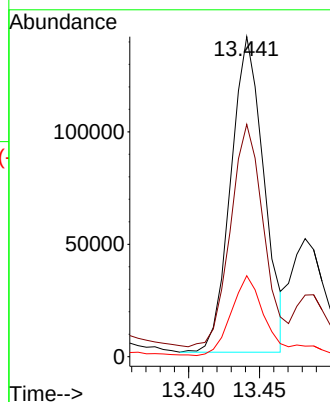
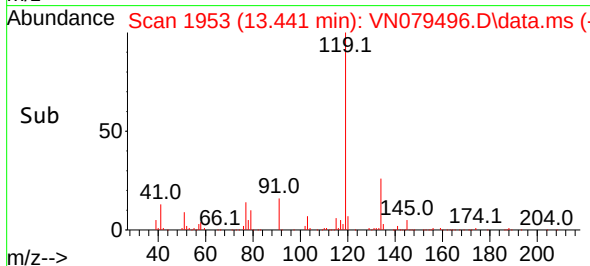
Instrument : MSVOA_N
ClientSampleId : VN1010MBS01



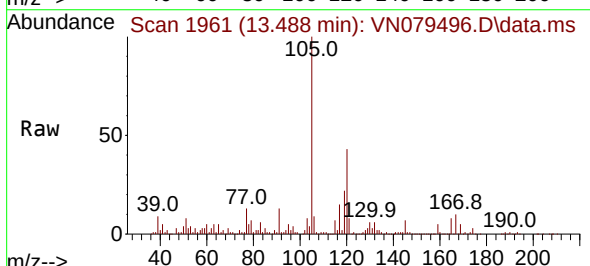
Tgt Ion:119 Resp: 228000
Ion Ratio Lower Upper
119 100
91 70.8 33.9 101.7
134 27.6 13.2 39.6

Manual Integrations
APPROVED

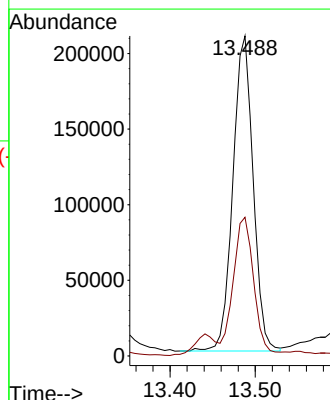
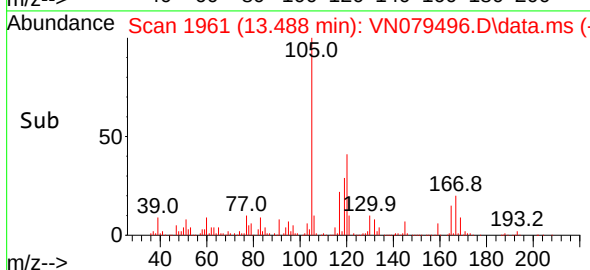
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

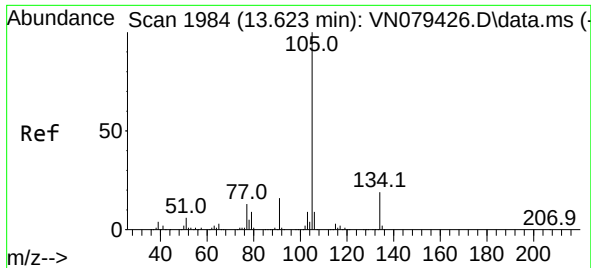


#84
1,2,4-Trimethylbenzene
Concen: 24.685 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25



Tgt Ion:105 Resp: 344579
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





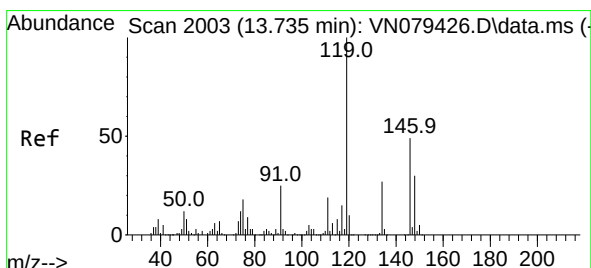
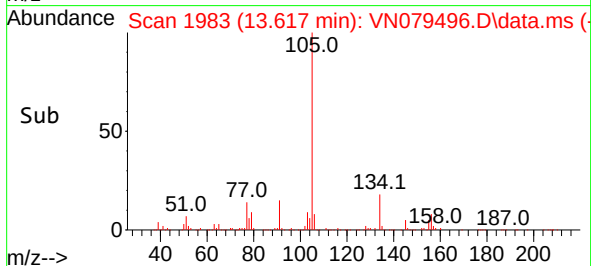
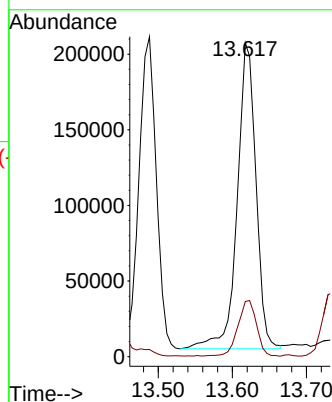
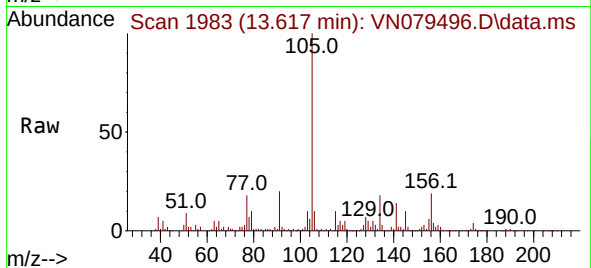
#85
 sec-Butylbenzene
 Concen: 21.271 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Tgt Ion:105 Resp: 35555
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.3

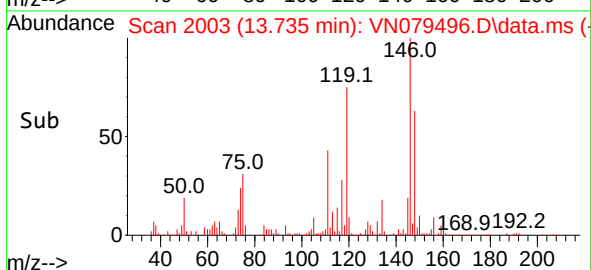
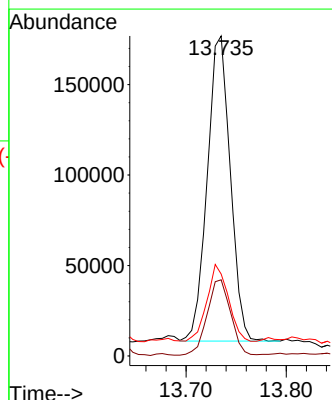
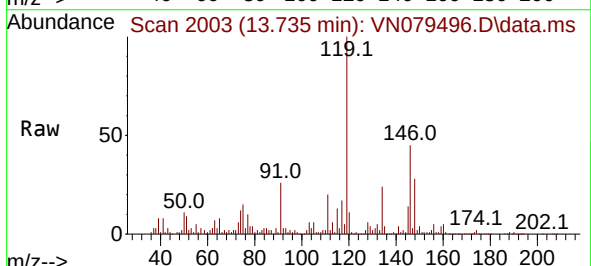
Manual Integrations
 APPROVED

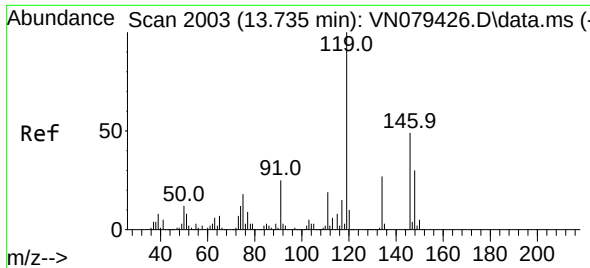
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#86
 p-Isopropyltoluene
 Concen: 21.024 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079496.D
 Acq: 10 Oct 2023 16:25

Tgt Ion:119 Resp: 269593
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 23.3 12.4 37.2





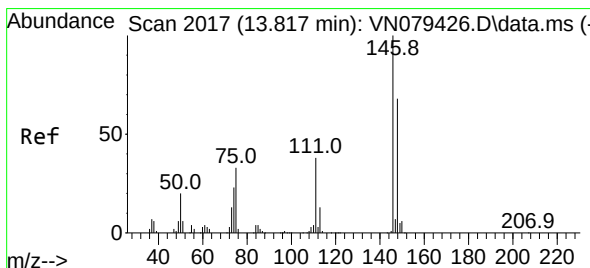
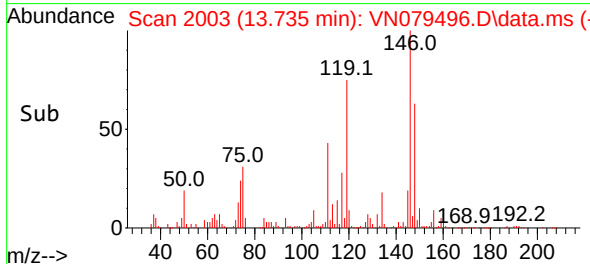
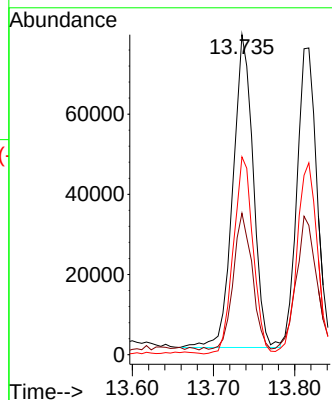
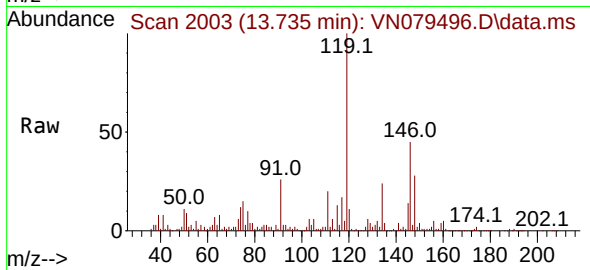
#87
1,3-Dichlorobenzene
Concen: 18.749 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:146 Resp: 135250
Ion Ratio Lower Upper
146 100
111 41.0 22.1 66.3
148 61.0 32.0 96.0

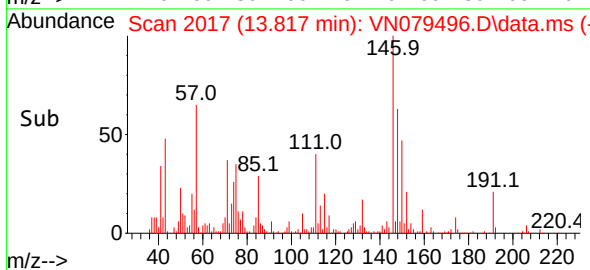
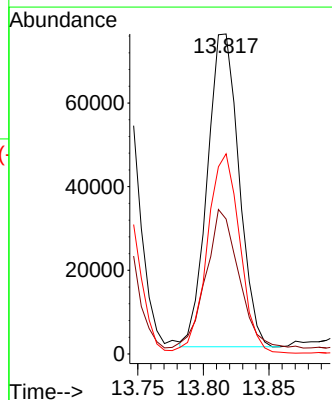
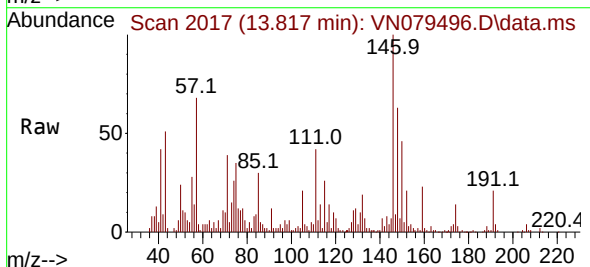
Manual Integrations
APPROVED

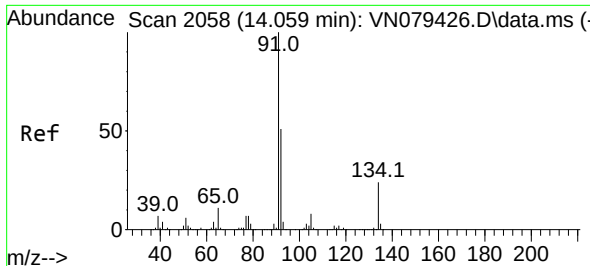
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#88
1,4-Dichlorobenzene
Concen: 16.851 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

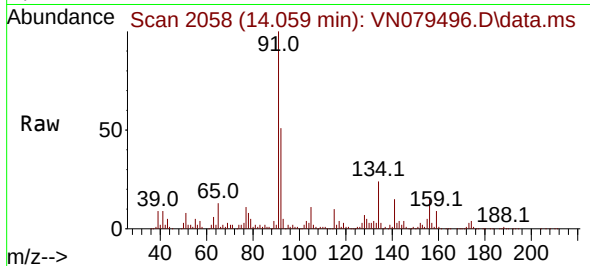
Tgt Ion:146 Resp: 125516
Ion Ratio Lower Upper
146 100
111 46.2 20.6 61.8
148 65.6 31.6 94.8





#89
n-Butylbenzene
Concen: 23.822 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

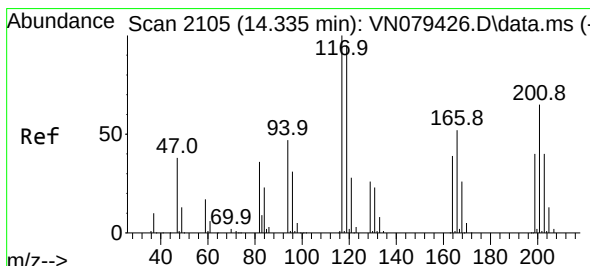
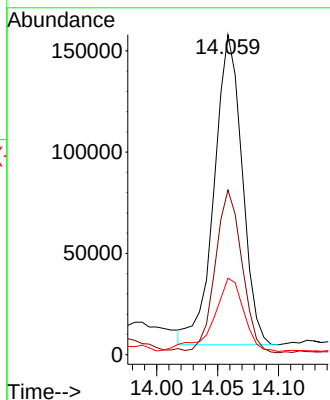
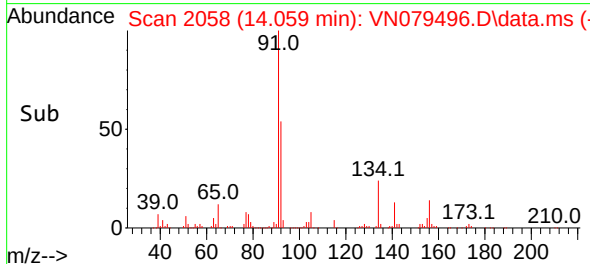
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01



Tgt Ion: 91 Resp: 24394
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 26.5 12.6 37.6

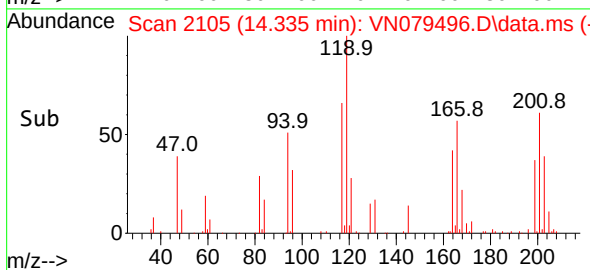
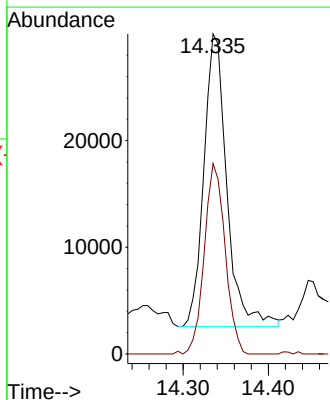
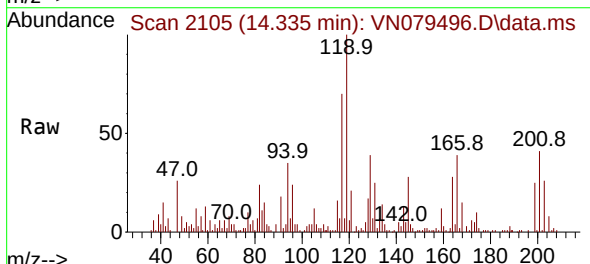
Manual Integrations
APPROVED

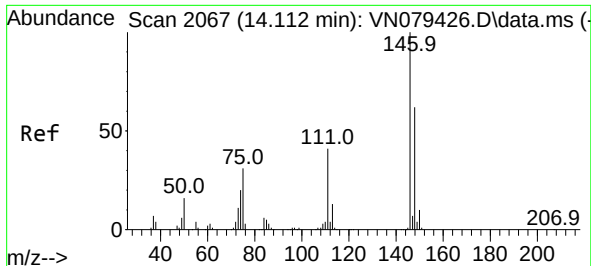
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#90
Hexachloroethane
Concen: 19.087 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion:117 Resp: 51371
Ion Ratio Lower Upper
117 100
201 59.0 29.3 88.0





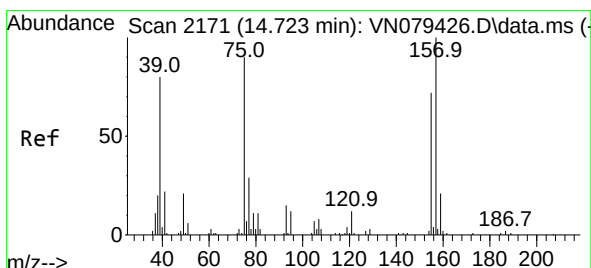
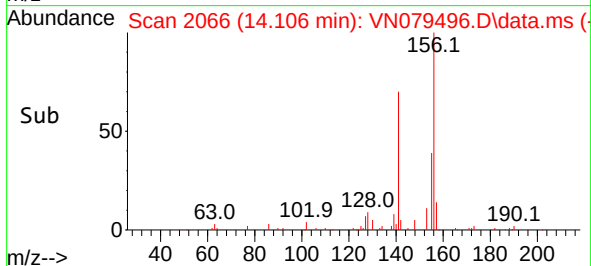
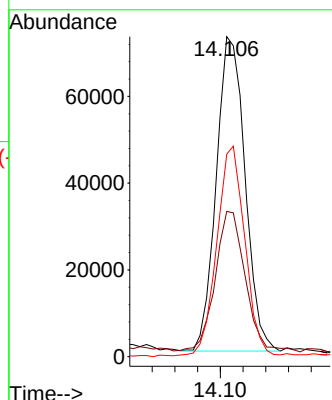
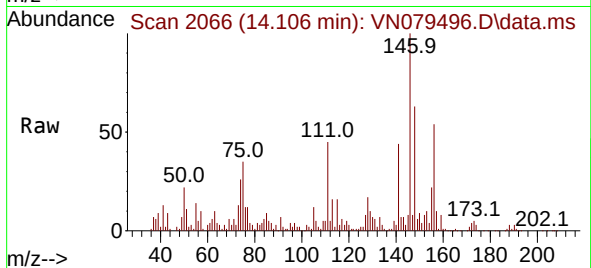
#91
1,2-Dichlorobenzene
Concen: 18.142 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tgt Ion:146 Resp: 127650
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 65.7 31.8 95.3

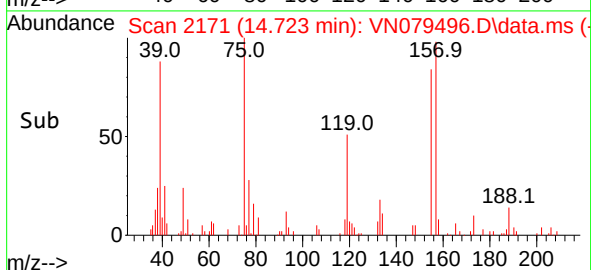
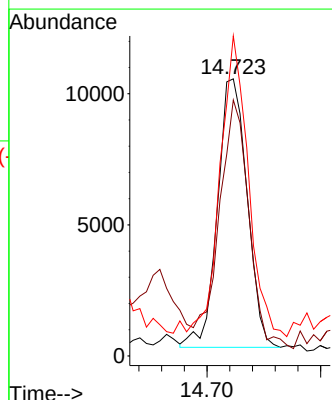
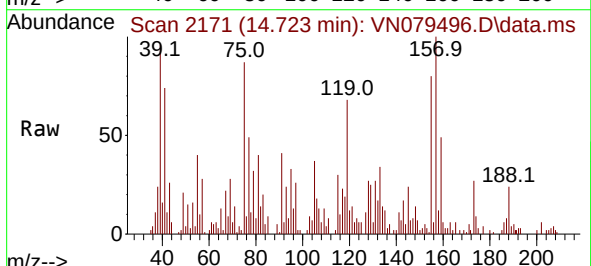
Manual Integrations
APPROVED

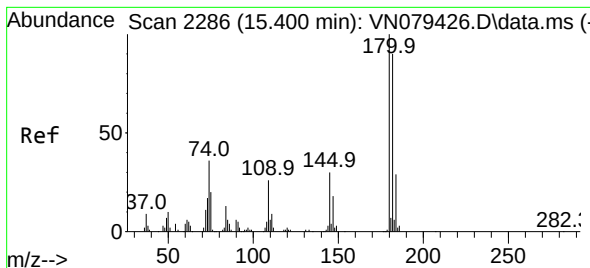
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.273 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079496.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 75 Resp: 18527
Ion Ratio Lower Upper
75 100
155 92.7 39.1 117.2
157 107.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 24.804 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

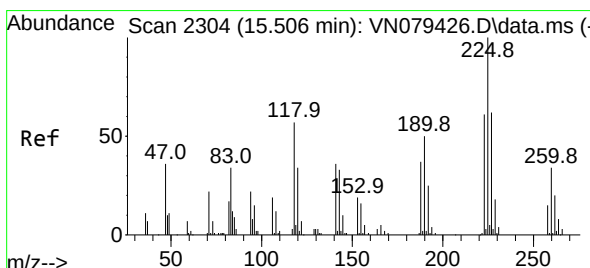
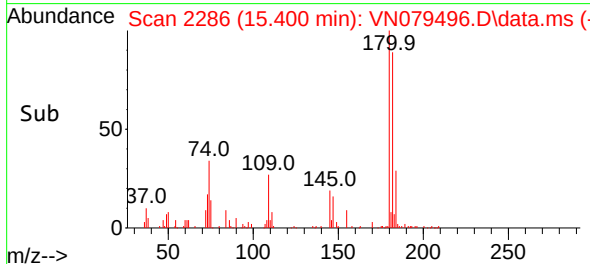
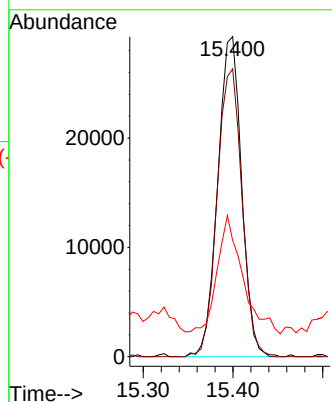
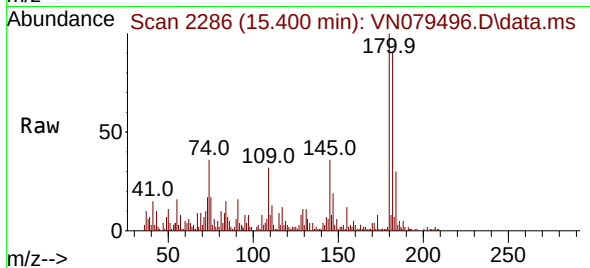
Tgt Ion:180	Resp:	5405
Ion Ratio	Lower	Upper
180	100	
182	93.0	46.1 138.2
145	39.4	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#94

Hexachlorobutadiene

Concen: 18.808 ug/l

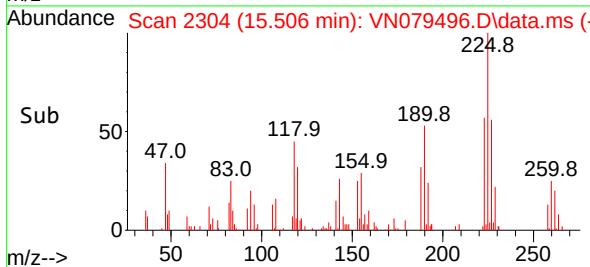
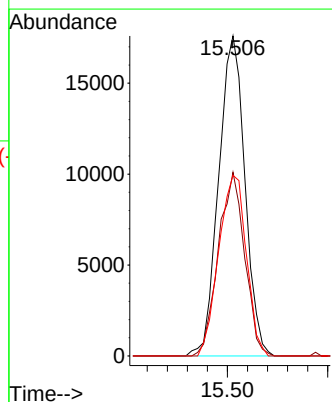
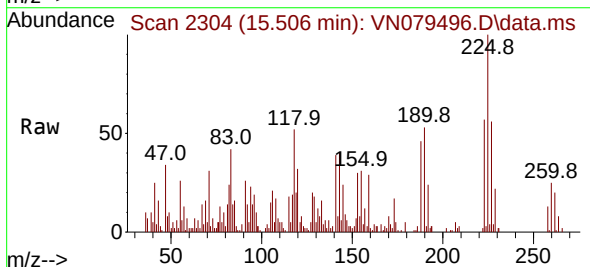
RT: 15.506 min Scan# 2304

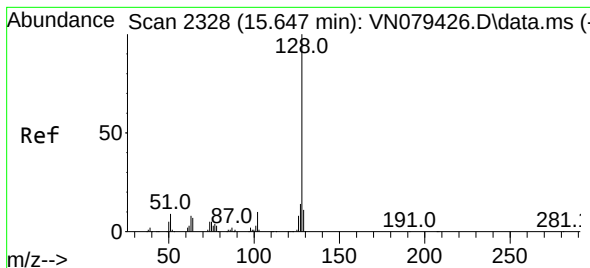
Delta R.T. -0.000 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Tgt Ion:225	Resp:	31924
Ion Ratio	Lower	Upper
225	100	
223	57.6	31.3 93.8
227	59.6	31.9 95.9





#95

Naphthalene

Concen: 41.375 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

Tgt Ion:128 Resp: 27534

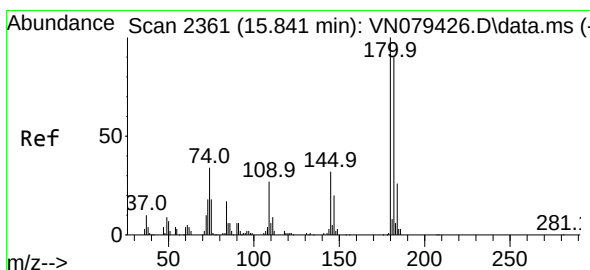
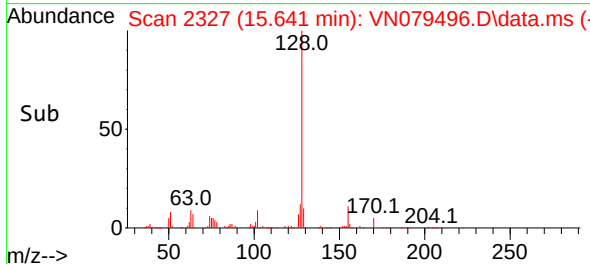
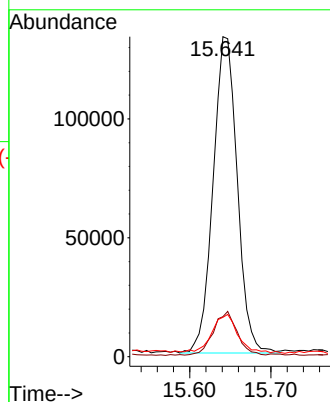
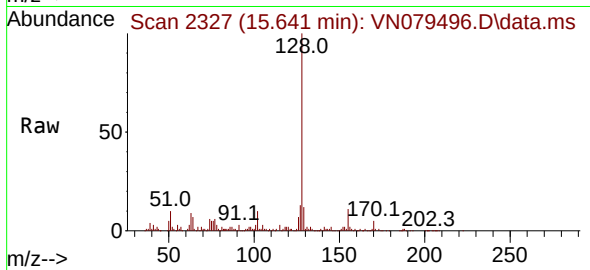
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	13.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#96

1,2,3-Trichlorobenzene

Concen: 22.244 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079496.D

Acq: 10 Oct 2023 16:25

Tgt Ion:180 Resp: 57850

Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.2	138.6
145	49.7	17.5	52.6

