

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079429.D
 Acq On : 05 Oct 2023 19:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 06 03:05:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	236880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	375925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	21219	5.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.040%#		
35) Dibromofluoromethane	8.171	113	17200	5.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.040%#		
50) Toluene-d8	10.571	98	56188	4.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.960%#		
62) 4-Bromofluorobenzene	12.853	95	15264	4.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	14185	4.179	ug/l	95
3) Chloromethane	2.365	50	20529	4.847	ug/l	99
4) Vinyl Chloride	2.512	62	20716	4.702	ug/l	99
5) Bromomethane	2.936	94	15488	5.962	ug/l	94
6) Chloroethane	3.118	64	18358	5.617	ug/l	90
7) Trichlorofluoromethane	3.495	101	25429	4.889	ug/l	99
8) Diethyl Ether	3.971	74	9423	5.082	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	14703	4.837	ug/l	93
10) Methyl Iodide	4.594	142	10013	3.796	ug/l #	85
11) Tert butyl alcohol	5.530	59	16857	29.161	ug/l	95
12) 1,1-Dichloroethene	4.336	96	14521	5.188	ug/l	92
13) Acrolein	4.183	56	14909	25.902	ug/l	93
14) Allyl chloride	5.024	41	23342	5.168	ug/l #	90
15) Acrylonitrile	5.718	53	42320	25.252	ug/l	96
16) Acetone	4.436	43	36611	24.032	ug/l	95
17) Carbon Disulfide	4.718	76	42693	4.890	ug/l	96
18) Methyl Acetate	5.036	43	39466	5.293	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	43487	4.782	ug/l #	80
20) Methylene Chloride	5.277	84	19623	5.344	ug/l #	91
21) trans-1,2-Dichloroethene	5.794	96	15401	4.711	ug/l	98
22) Diisopropyl ether	6.677	45	49045	4.843	ug/l #	88
23) Vinyl Acetate	6.606	43	132592	23.275	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	31958	5.156	ug/l	99
25) 2-Butanone	7.494	43	56333	24.915	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	23739	5.012	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	18085	5.093	ug/l	86
28) Bromochloromethane	7.818	49	14117	4.787	ug/l #	72
29) Tetrahydrofuran	7.847	42	36047	24.650	ug/l #	74
30) Chloroform	7.971	83	31938	5.100	ug/l	87
31) Cyclohexane	8.253	56	31460	5.774	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	26579	5.043	ug/l #	85
36) 1,1-Dichloropropene	8.382	75	22745	4.861	ug/l	96
37) Ethyl Acetate	7.565	43	22879	4.774	ug/l	95
38) Carbon Tetrachloride	8.359	117	23125	4.937	ug/l	98
39) Methylcyclohexane	9.606	83	20971	4.665	ug/l #	84
40) Benzene	8.606	78	68619	4.938	ug/l	96

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 VSTDICC005

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Quant Time: Oct 06 03:05:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11483	4.691	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	24965	4.944	ug/l	99
43) Isopropyl Acetate	8.694	43	40955	5.021	ug/l #	86
44) Trichloroethene	9.359	130	16544	5.058	ug/l	83
45) 1,2-Dichloropropane	9.629	63	19035	5.199	ug/l	90
46) Dibromomethane	9.712	93	11532	4.863	ug/l	93
47) Bromodichloromethane	9.894	83	23605	4.839	ug/l	86
48) Methyl methacrylate	9.688	41	15635	4.473	ug/l #	83
49) 1,4-Dioxane	9.694	88	5944	92.321	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	111466	24.208	ug/l #	86
52) Toluene	10.635	92	38851	4.750	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	23036	4.686	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	25466	4.732	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	16057	4.890	ug/l	98
56) Ethyl methacrylate	10.882	69	20257	4.489	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	27731	4.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	38489	22.272	ug/l	92
59) 2-Hexanone	11.200	43	78753	23.701	ug/l	83
60) Dibromochloromethane	11.365	129	16494	4.998	ug/l	97
61) 1,2-Dibromoethane	11.470	107	16297	5.001	ug/l	100
64) Tetrachloroethene	11.112	164	13117	5.072	ug/l	92
65) Chlorobenzene	11.894	112	43074	5.145	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	15639	5.102	ug/l	98
67) Ethyl Benzene	11.970	91	68617	4.716	ug/l	97
68) m/p-Xylenes	12.076	106	49871	9.432	ug/l	94
69) o-Xylene	12.406	106	23523	4.524	ug/l	92
70) Styrene	12.418	104	36314	4.421	ug/l	99
71) Bromoform	12.582	173	10164	4.530	ug/l #	99
73) Isopropylbenzene	12.700	105	57617	5.073	ug/l	99
74) N-amyl acetate	12.500	43	24187	5.194	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	25092	5.769	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	21646m	5.983	ug/l	
77) Bromobenzene	12.982	156	15425	5.538	ug/l	96
78) n-propylbenzene	13.035	91	64024	4.982	ug/l	98
79) 2-Chlorotoluene	13.129	91	42438	5.161	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	45664	5.098	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	6534	5.386	ug/l #	74
82) 4-Chlorotoluene	13.229	91	39266	5.018	ug/l	99
83) tert-Butylbenzene	13.441	119	37473	5.106	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	43072	5.039	ug/l	98
85) sec-Butylbenzene	13.623	105	55439	5.416	ug/l	97
86) p-Isopropyltoluene	13.735	119	38524	4.906	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	22212	5.028	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	24174	5.300	ug/l	100
89) n-Butylbenzene	14.059	91	31140	4.966	ug/l	97
90) Hexachloroethane	14.341	117	9898	5.274	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	22448	5.210	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	3278	4.991	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	5015	3.758	ug/l	97
94) Hexachlorobutadiene	15.506	225	5808	5.588	ug/l	97
95) Naphthalene	15.647	128	15264	3.746	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	6593	4.140	ug/l	92

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VSTDICC005

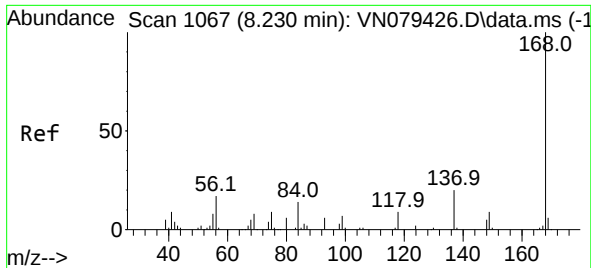
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/06/2023

Quant Time: Oct 06 03:05:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 02:55:11 2023
Response via : Initial Calibration

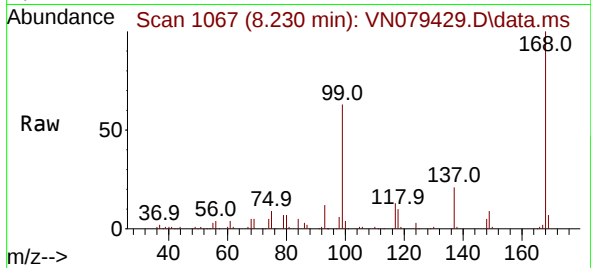
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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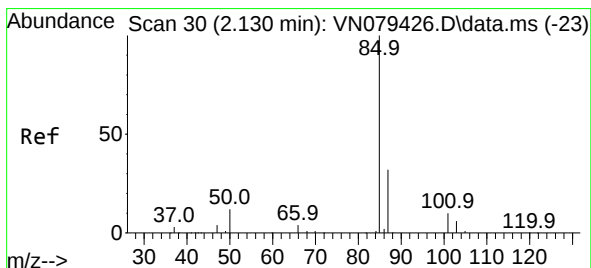
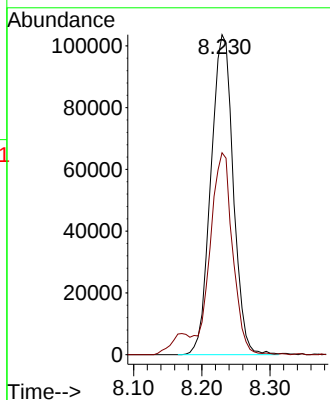
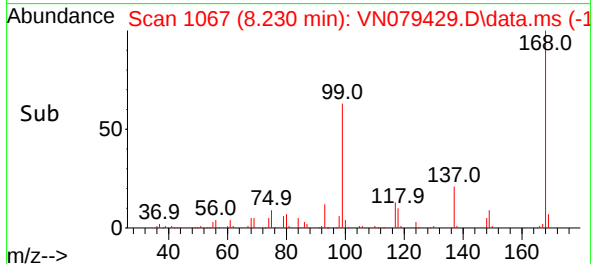
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 236880
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6

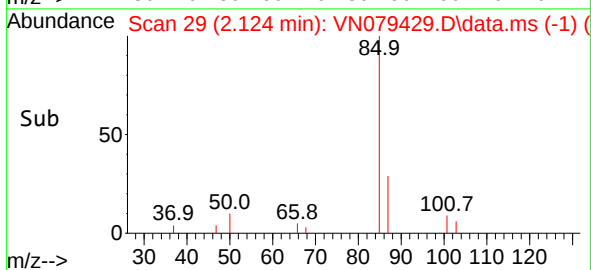
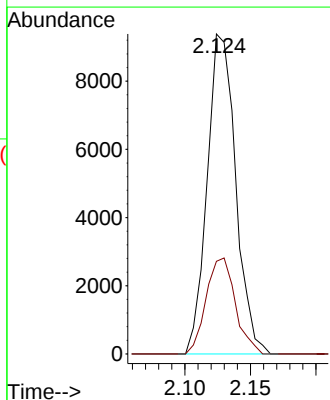
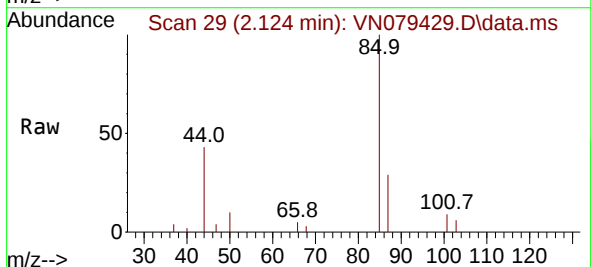
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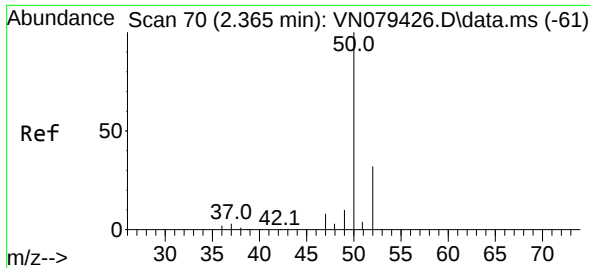
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#2
Dichlorodifluoromethane
Concen: 4.179 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 85 Resp: 14185
Ion Ratio Lower Upper
85 100
87 29.0 15.8 47.4





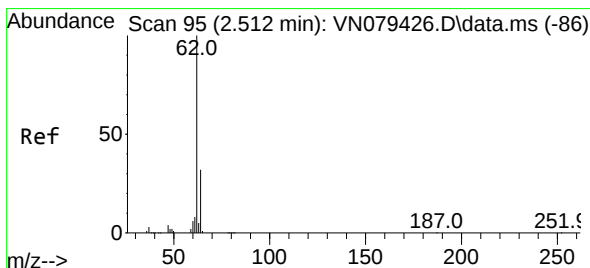
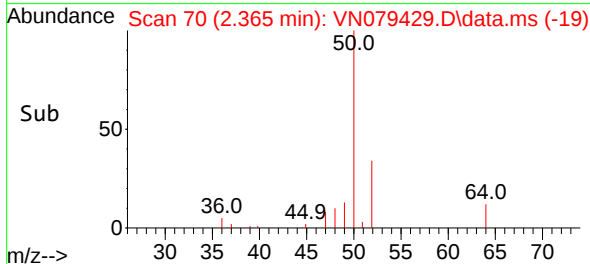
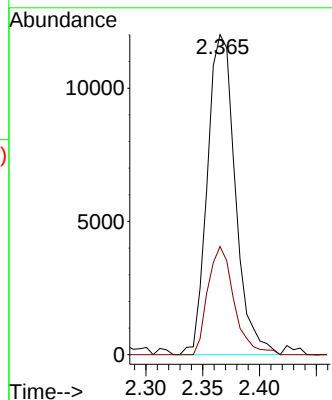
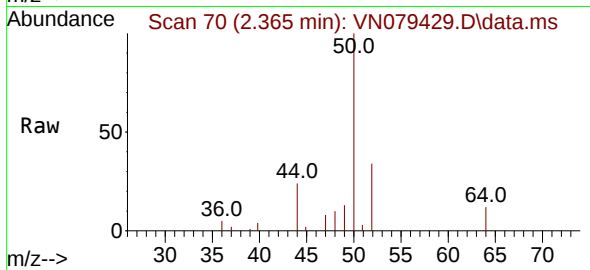
#3
Chloromethane
Concen: 4.847 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
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VSTDIC005

Tgt Ion: 50 Resp: 20529
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

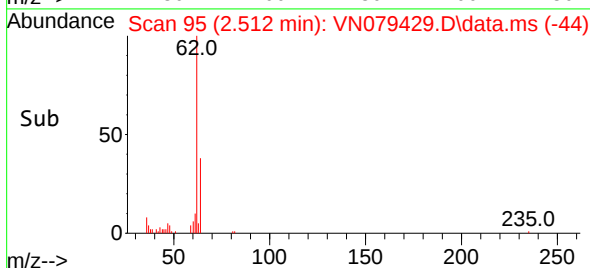
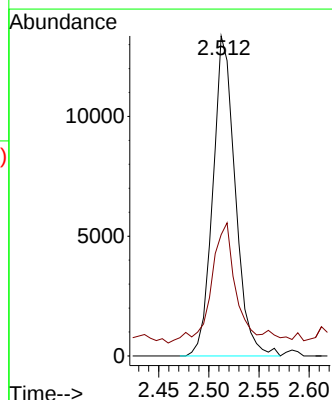
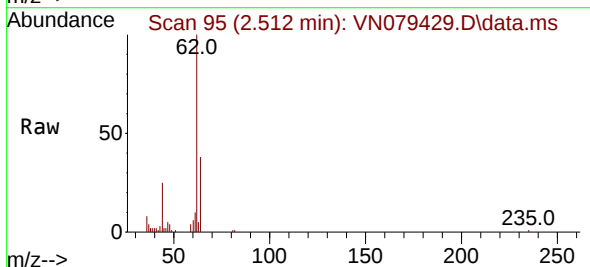
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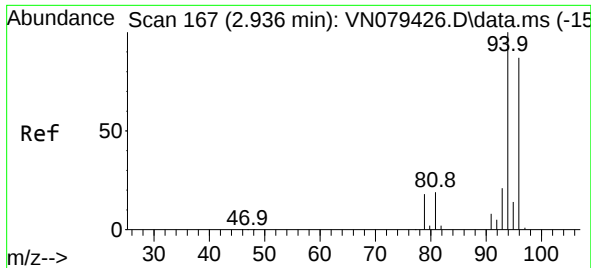
Reviewed By :John Carlone 10/06/2023
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#4
Vinyl Chloride
Concen: 4.702 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

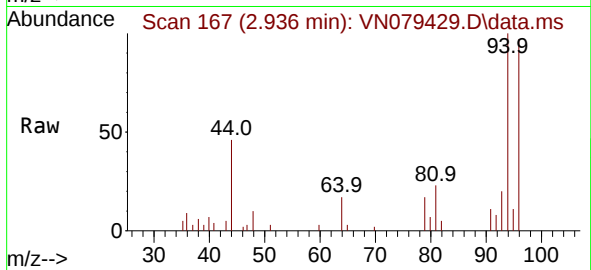
Tgt Ion: 62 Resp: 20716
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 5.962 ug/l
RT: 2.936 min Scan# 115
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

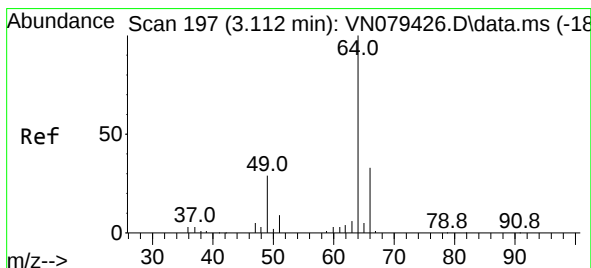
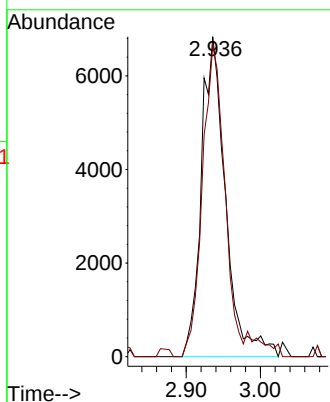
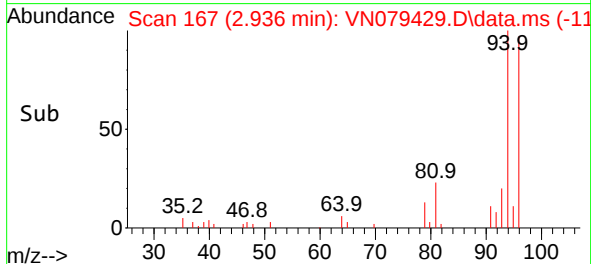
Instrument :
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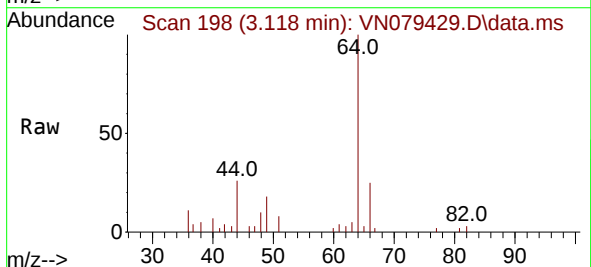
Tgt Ion: 94 Resp: 15488
Ion Ratio Lower Upper
94 100
96 97.2 73.1 109.7

Manual Integrations
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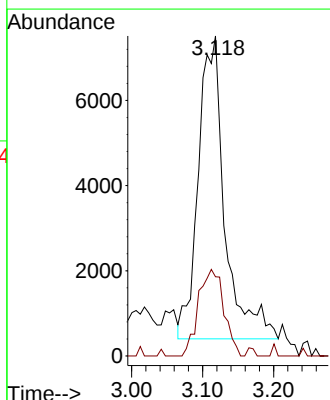
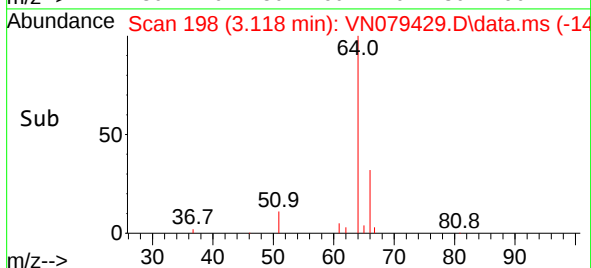
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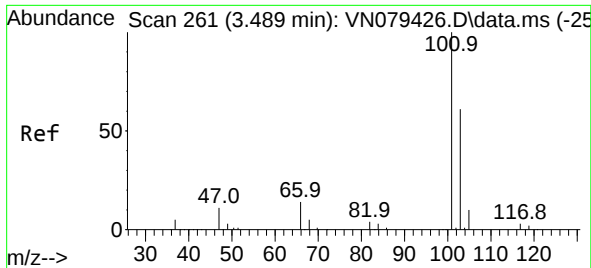


#6
Chloroethane
Concen: 5.617 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion: 64 Resp: 18358
Ion Ratio Lower Upper
64 100
66 26.2 25.4 38.2





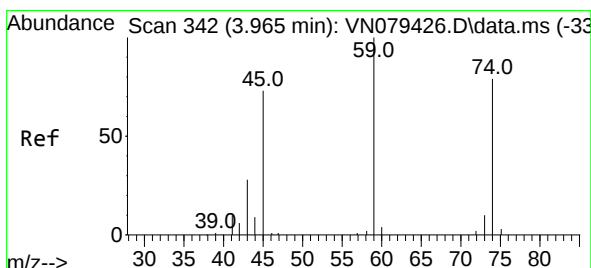
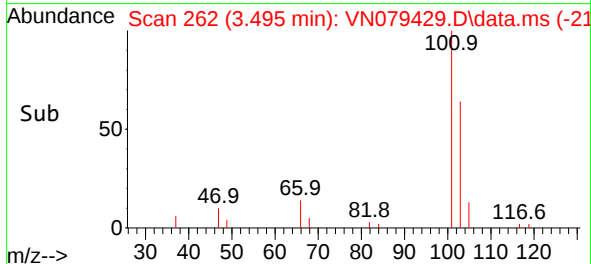
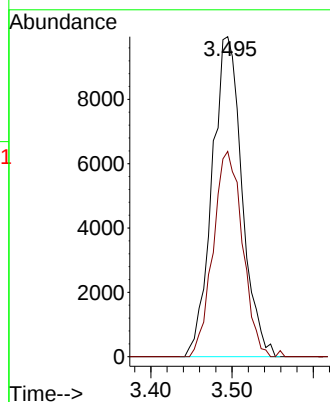
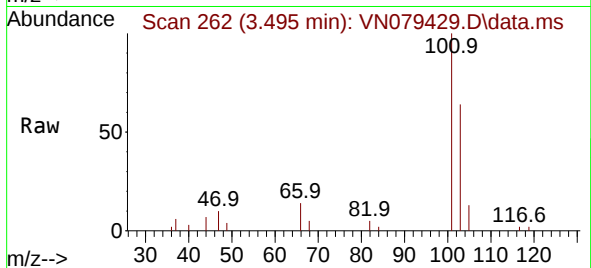
#7
Trichlorofluoromethane
Concen: 4.889 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 25429
Ion Ratio Lower Upper
101 100
103 64.1 50.7 76.1

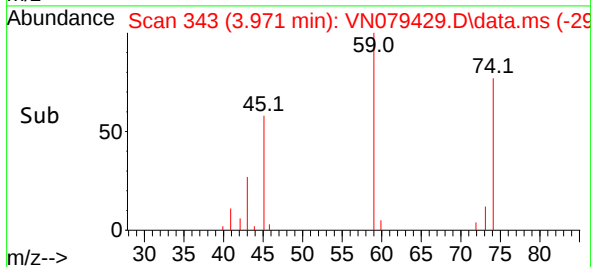
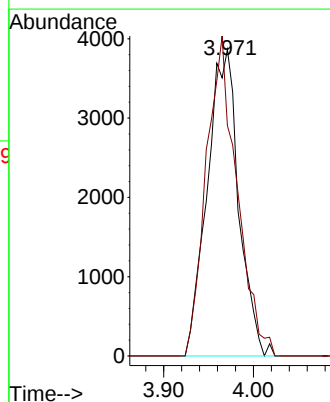
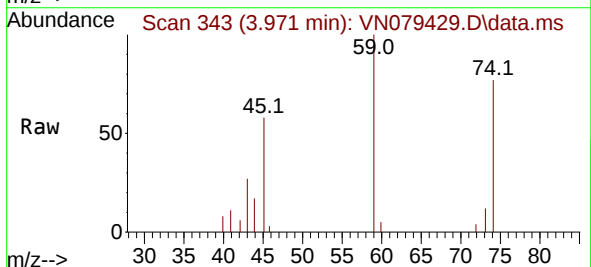
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#8
Diethyl Ether
Concen: 5.082 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079429.D
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Tgt Ion: 74 Resp: 9423
Ion Ratio Lower Upper
74 100
45 101.7 34.4 103.3





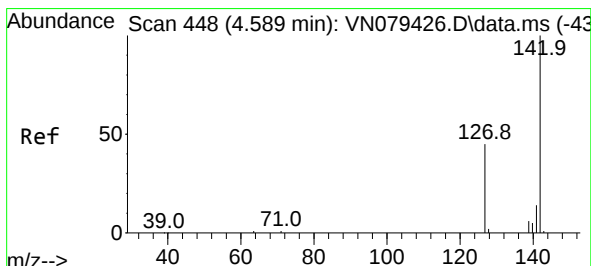
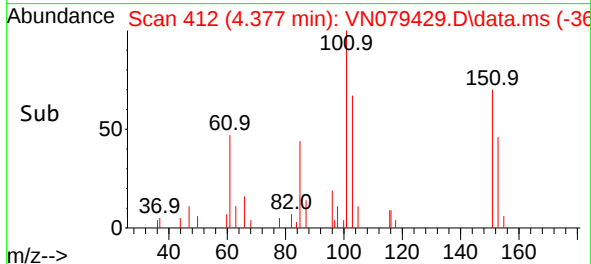
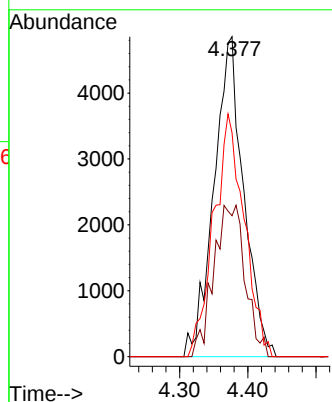
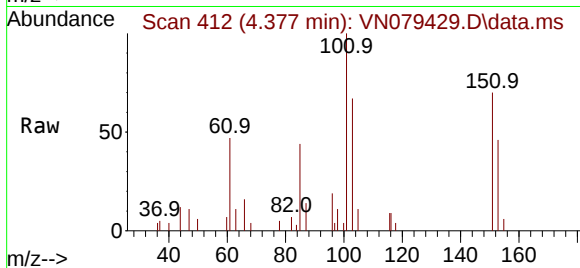
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.837 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1470
Ion Ratio Lower Upper
101 100
85 50.4 36.6 55.0
151 77.9 57.6 86.4

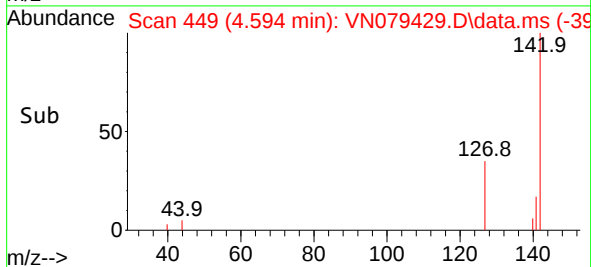
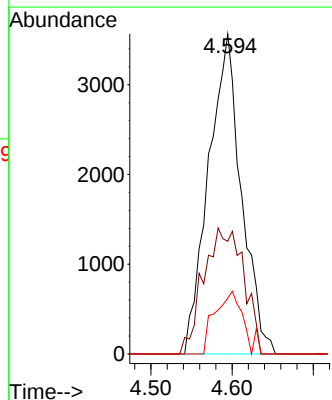
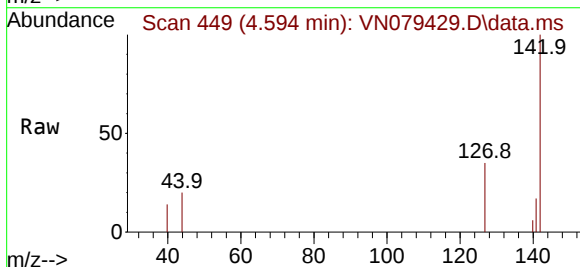
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 3.796 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

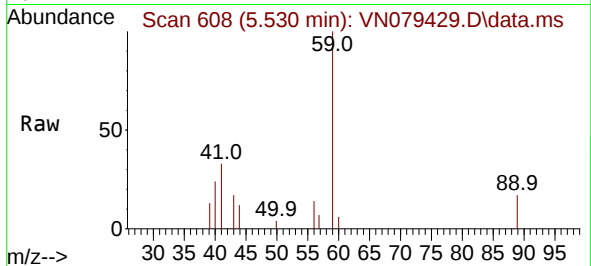
Tgt Ion:142 Resp: 10013
Ion Ratio Lower Upper
142 100
127 35.2 37.6 56.4#
141 17.5 11.4 17.0#





#11
Tert butyl alcohol
Concen: 29.161 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

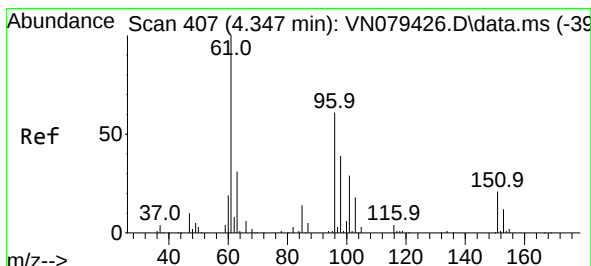
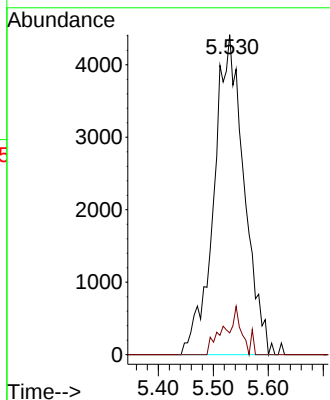
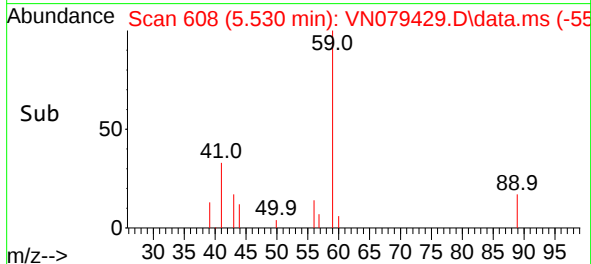
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



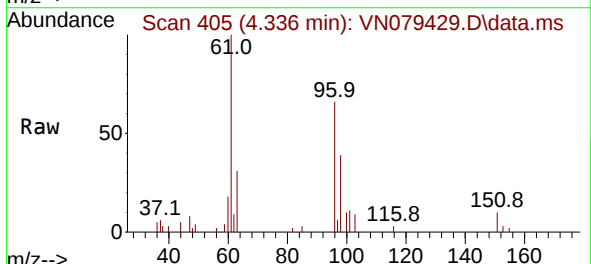
Tgt Ion: 59 Resp: 1685
Ion Ratio Lower Upper
59 100
57 8.3 8.2 12.4

Manual Integrations
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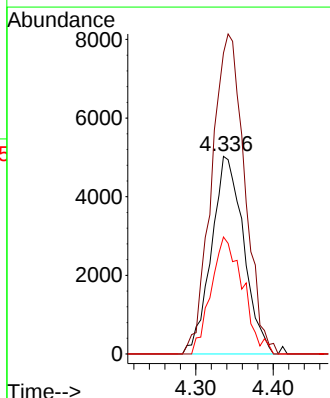
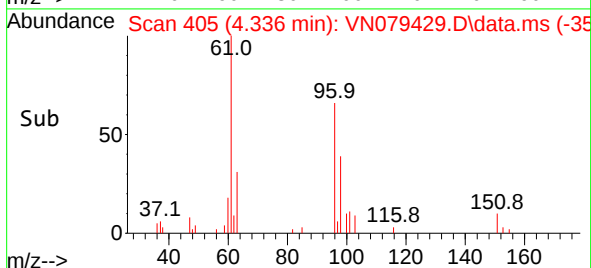
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

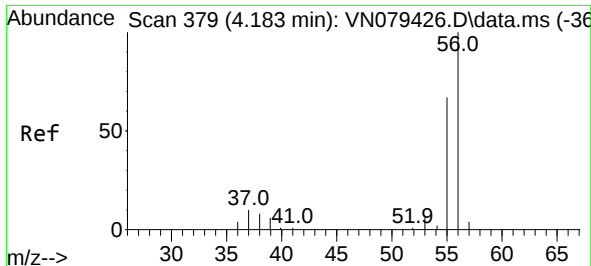


#12
1,1-Dichloroethene
Concen: 5.188 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion: 96 Resp: 14521
Ion Ratio Lower Upper
96 100
61 152.2 112.7 169.1
98 59.2 51.2 76.8





#13

Acrolein

Concen: 25.902 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 14909

Ion Ratio Lower Upper

56 100

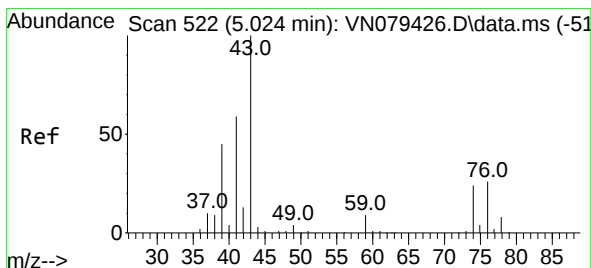
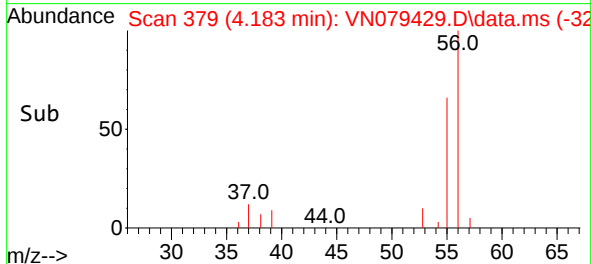
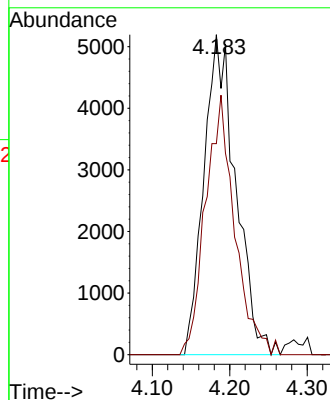
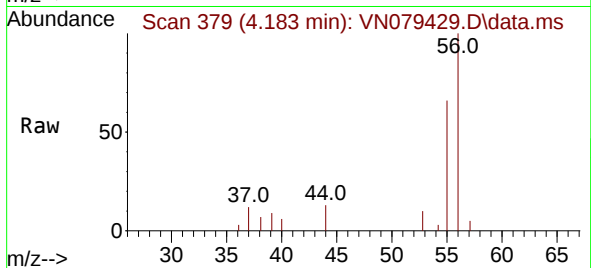
55 74.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#14

Allyl chloride

Concen: 5.168 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

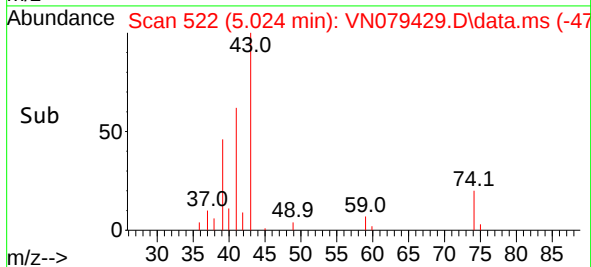
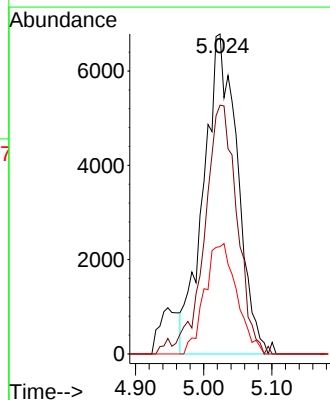
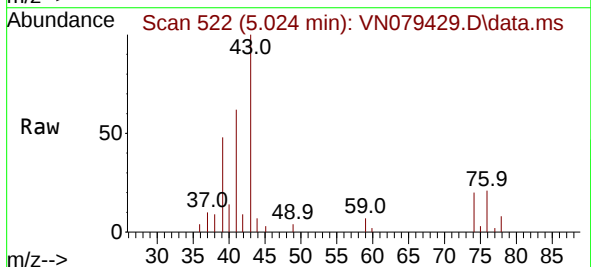
Tgt Ion: 41 Resp: 23342

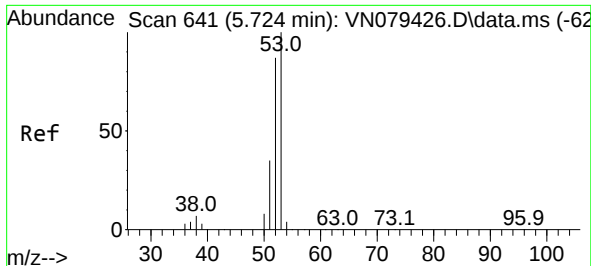
Ion Ratio Lower Upper

41 100

39 74.2 58.8 88.2

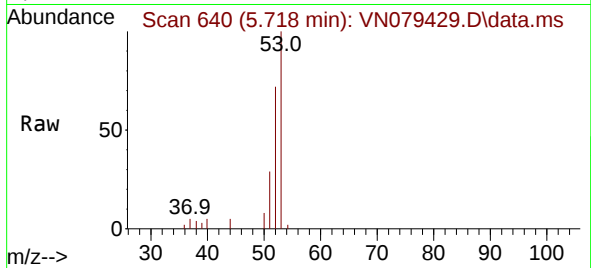
76 32.7 39.1 58.7#





#15
Acrylonitrile
Concen: 25.252 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

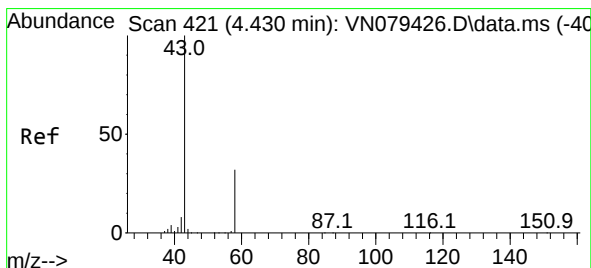
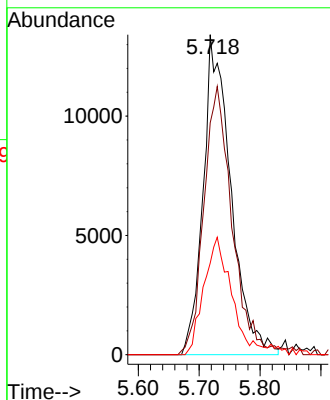
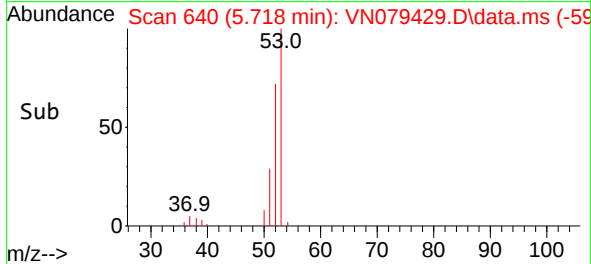
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



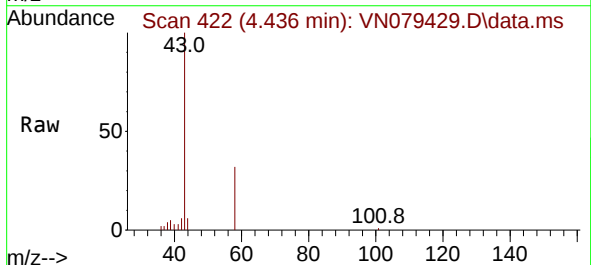
Tgt Ion: 53 Resp: 42320
Ion Ratio Lower Upper
53 100
52 85.8 65.3 97.9
51 36.7 28.9 43.3

Manual Integrations
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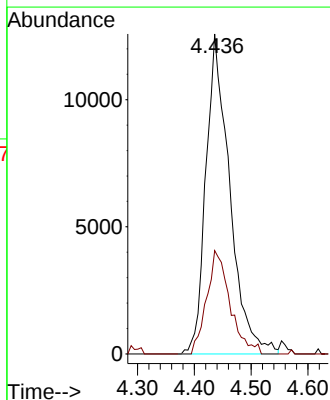
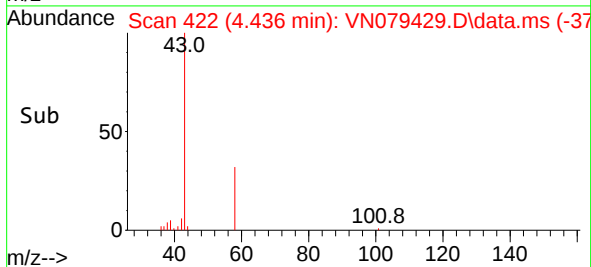
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

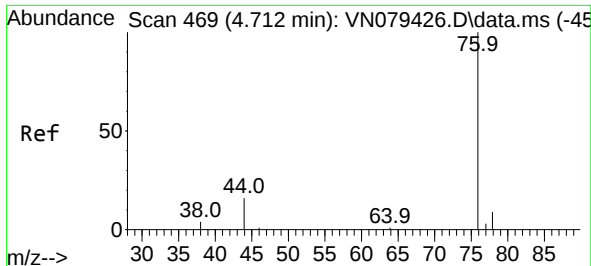


#16
Acetone
Concen: 24.032 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion: 43 Resp: 36611
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0





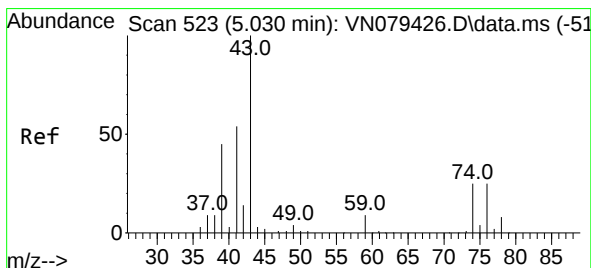
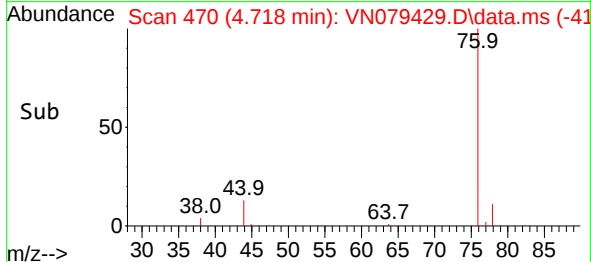
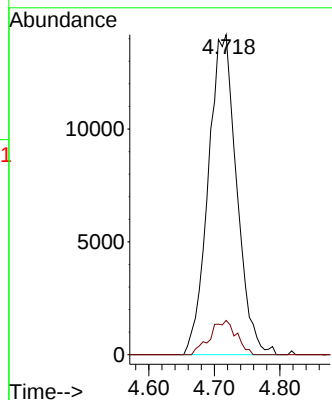
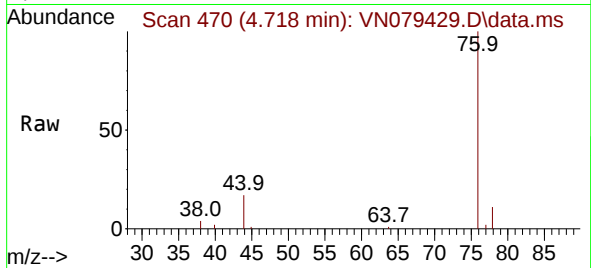
#17
Carbon Disulfide
Concen: 4.890 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 4269
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

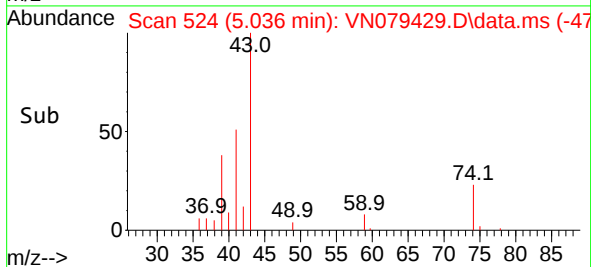
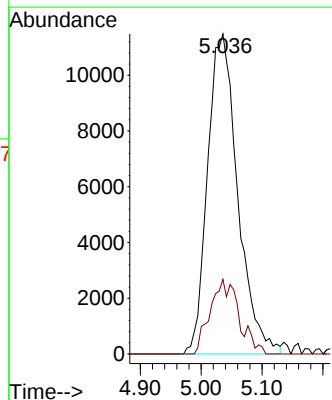
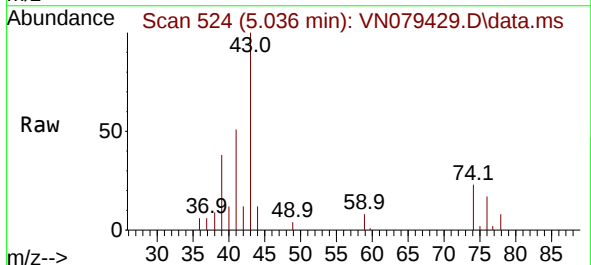
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APPROVED

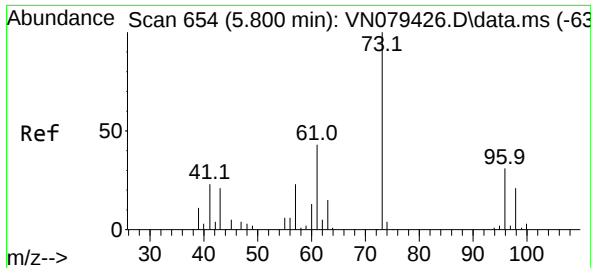
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 5.293 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 43 Resp: 39466
Ion Ratio Lower Upper
43 100
74 22.3 26.2 39.4#





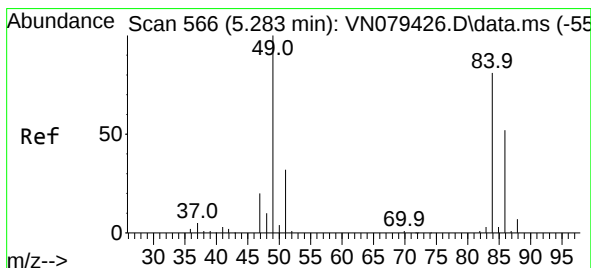
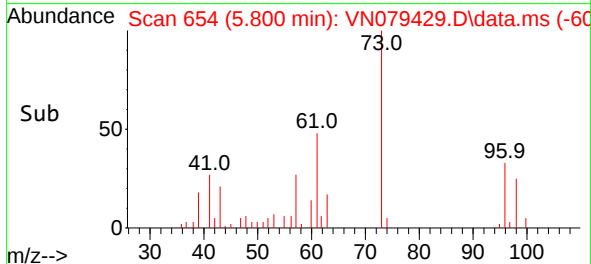
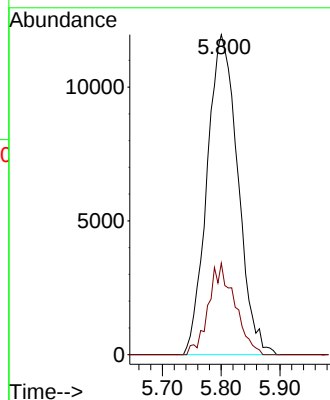
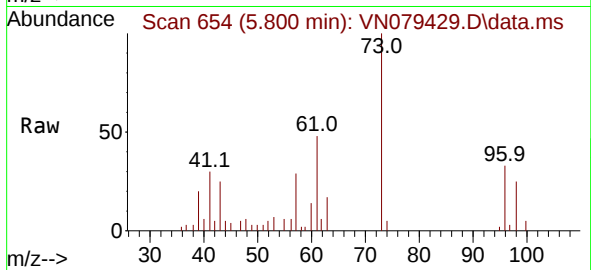
#19
Methyl tert-butyl Ether
Concen: 4.782 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 4348
Ion Ratio Lower Upper
73 100
57 28.6 15.6 23.4

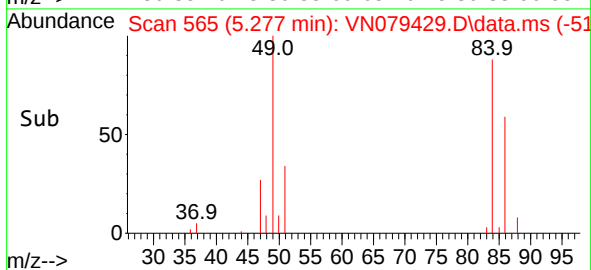
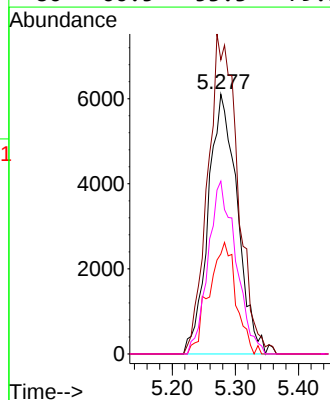
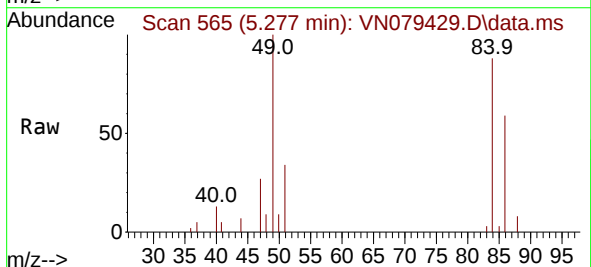
Manual Integrations
APPROVED

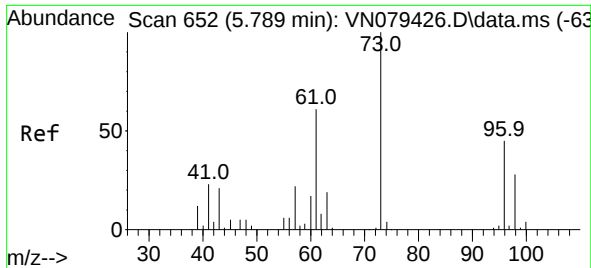
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 5.344 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 84 Resp: 19623
Ion Ratio Lower Upper
84 100
49 113.2 79.7 119.5
51 38.5 25.2 37.8
86 66.5 53.3 79.9





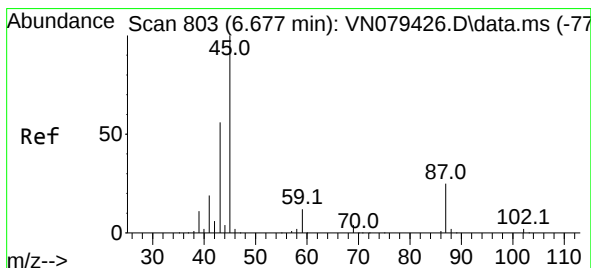
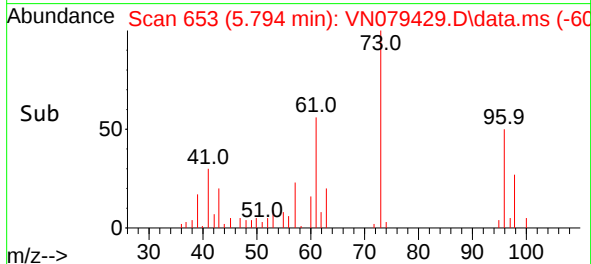
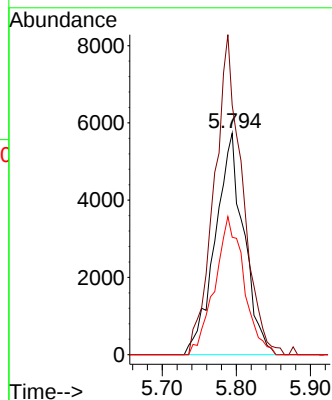
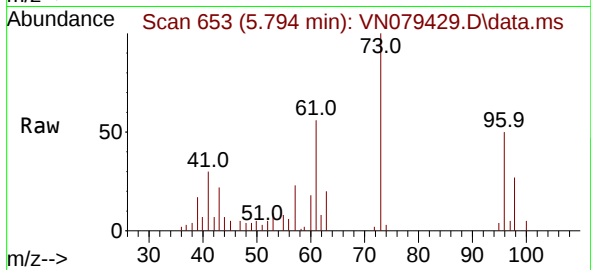
#21
trans-1,2-Dichloroethene
Concen: 4.711 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 1540
Ion Ratio Lower Upper
96 100
61 112.6 90.1 135.1
98 53.0 46.4 69.6

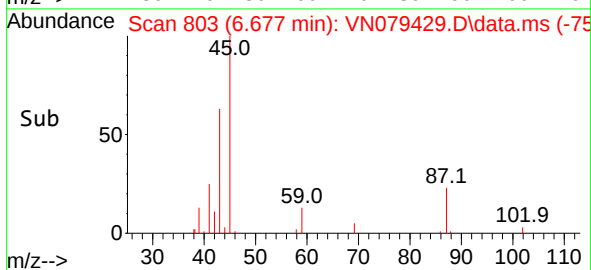
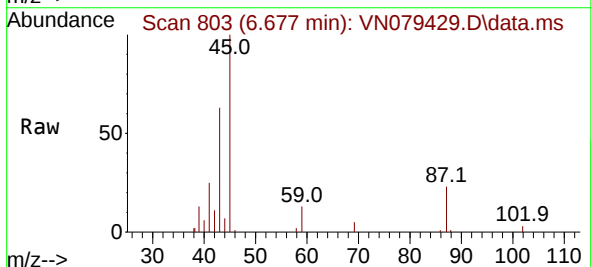
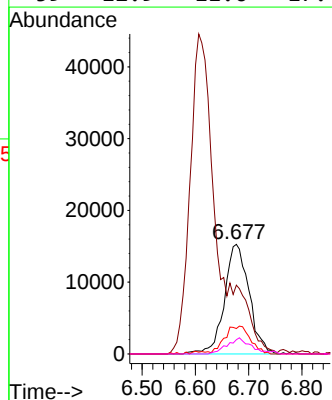
Manual Integrations
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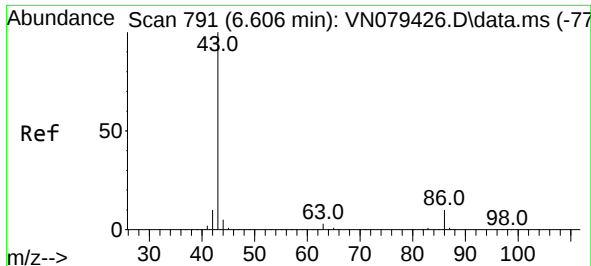
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 4.843 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 45 Resp: 49045
Ion Ratio Lower Upper
45 100
43 59.4 45.5 68.3
87 23.2 31.8 47.8#
59 12.9 11.6 17.4





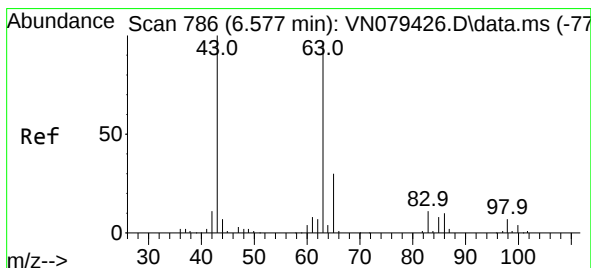
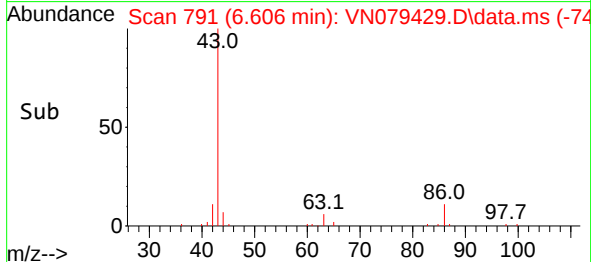
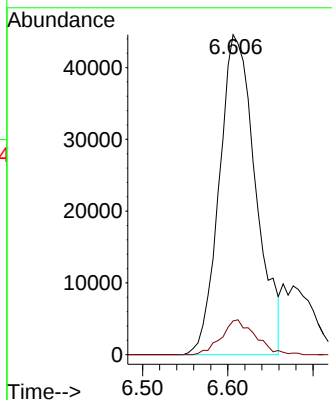
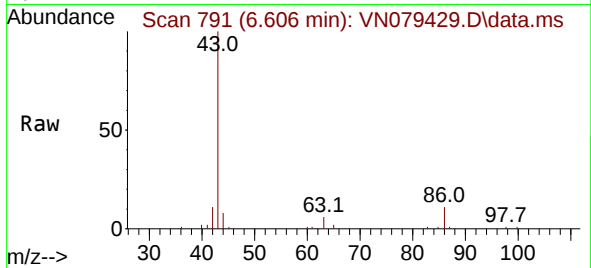
#23
 Vinyl Acetate
 Concen: 23.275 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079429.D
 Acq: 05 Oct 2023 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 132592
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

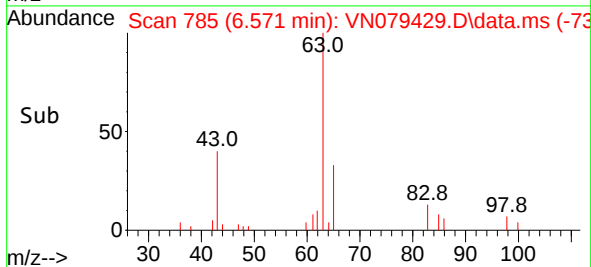
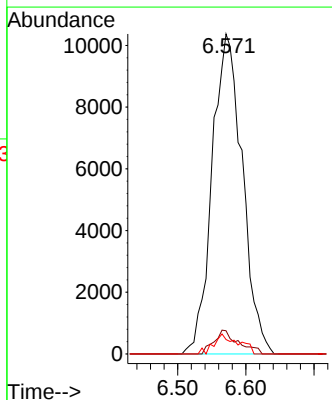
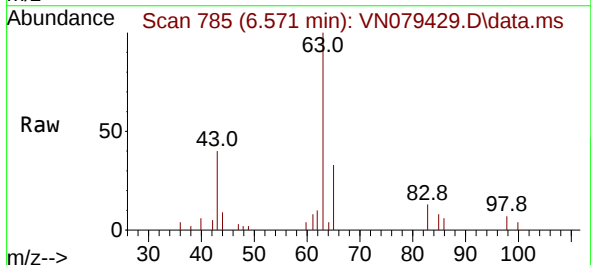
Manual Integrations
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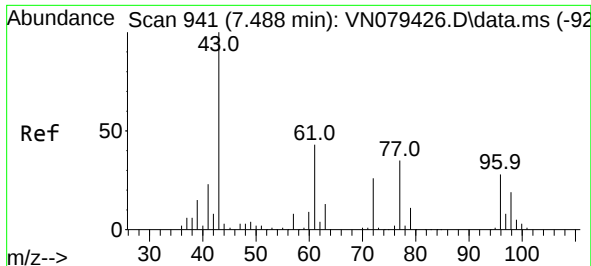
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 5.156 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079429.D
 Acq: 05 Oct 2023 19:03

Tgt Ion: 63 Resp: 31958
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.5 2.5 7.4





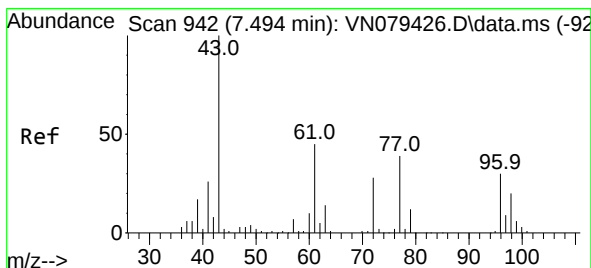
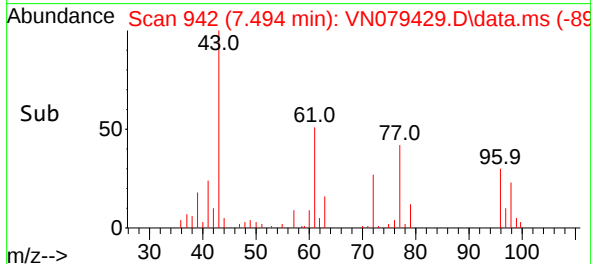
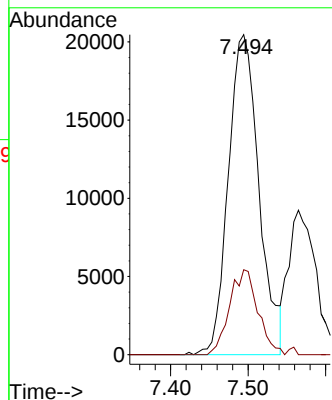
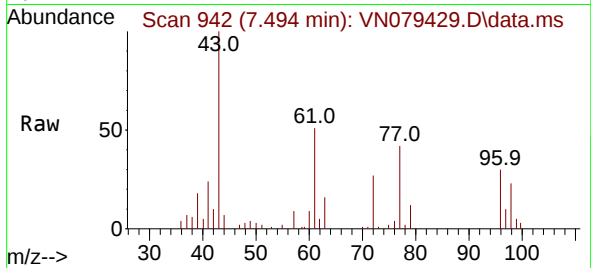
#25
2-Butanone
Concen: 24.915 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5633
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2

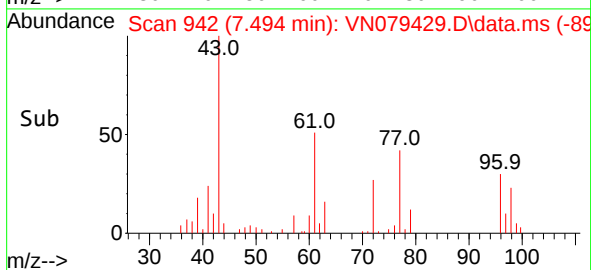
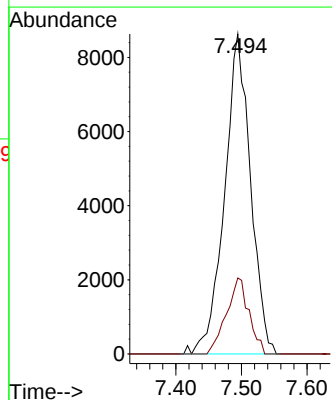
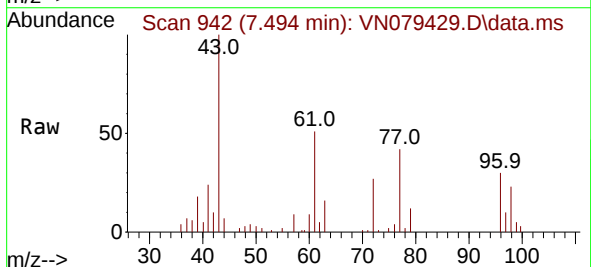
Manual Integrations
APPROVED

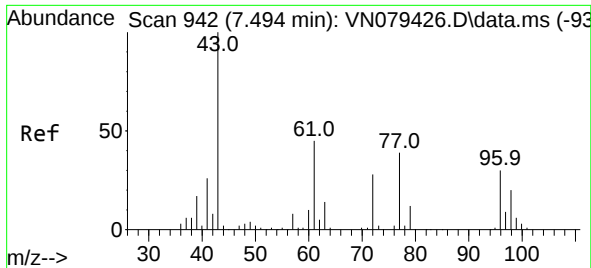
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 5.012 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

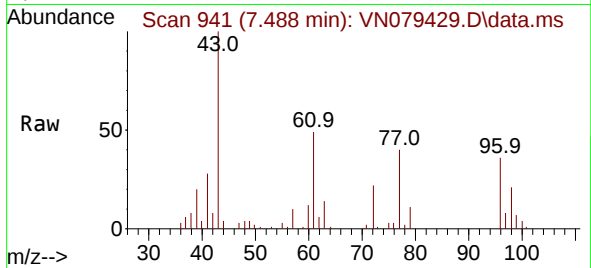
Tgt Ion: 77 Resp: 23739
Ion Ratio Lower Upper
77 100
97 20.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 5.093 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079429.D
 Acq: 05 Oct 2023 19:03

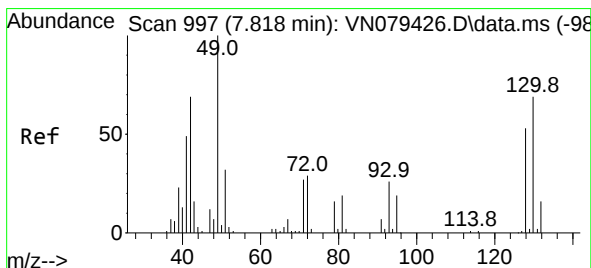
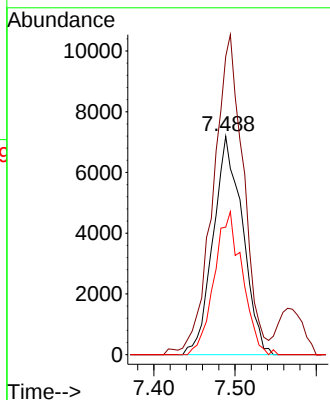
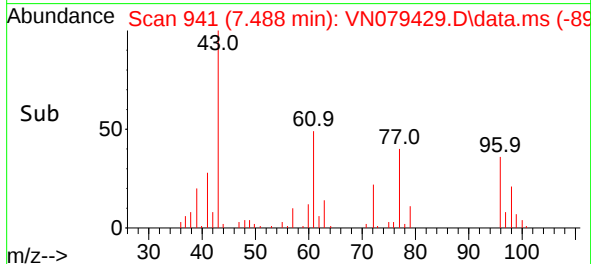
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



Tgt Ion: 96 Resp: 1808
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 255.2
 98 62.7 0.0 128.8

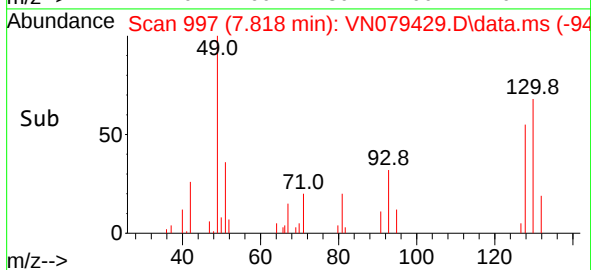
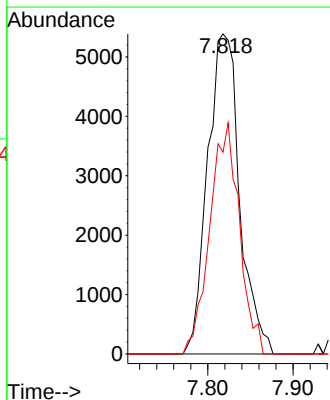
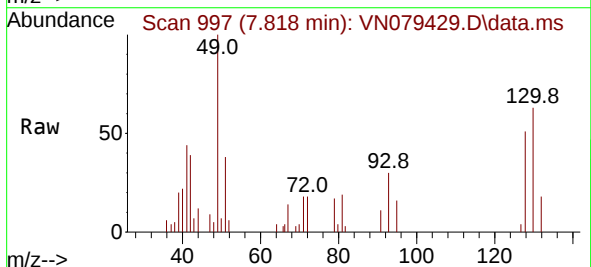
Manual Integrations
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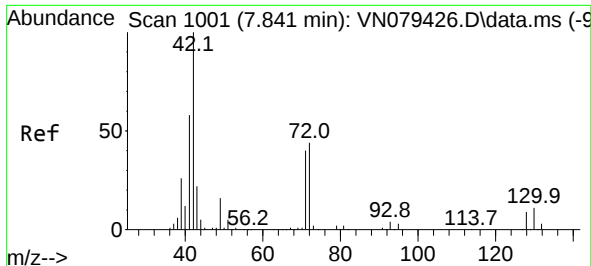
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#28
 Bromochloromethane
 Concen: 4.787 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079429.D
 Acq: 05 Oct 2023 19:03

Tgt Ion: 49 Resp: 14117
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 66.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 24.650 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 3604

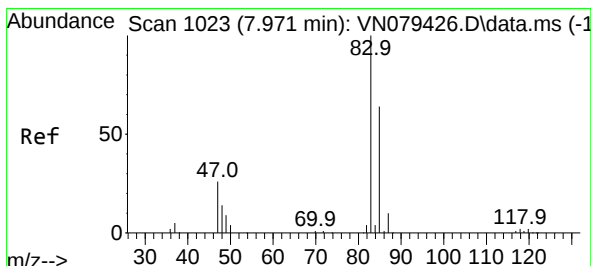
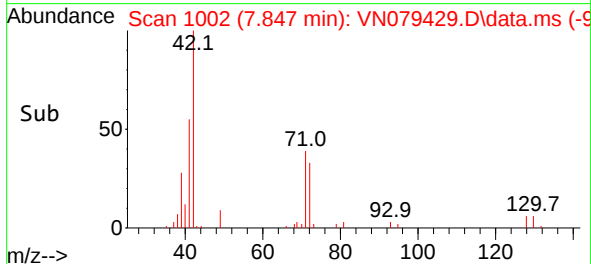
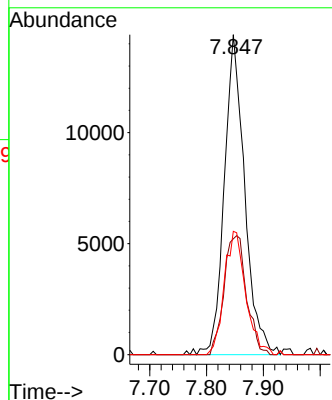
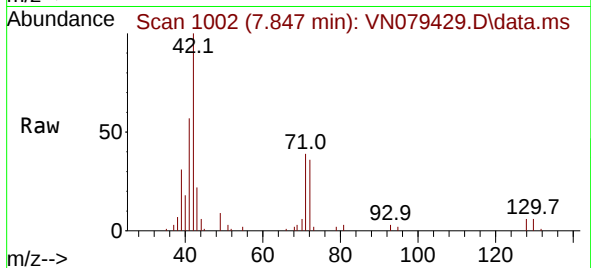
Ion	Ratio	Lower	Upper
42	100		
72	41.0	49.8	74.6
71	40.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 5.100 ug/l

RT: 7.971 min Scan# 1023

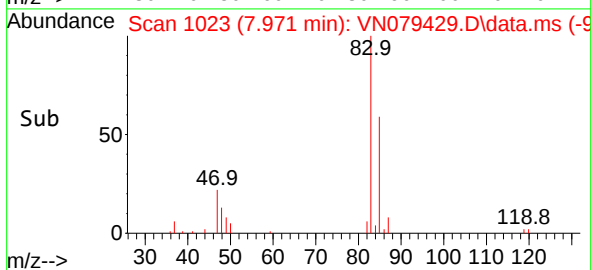
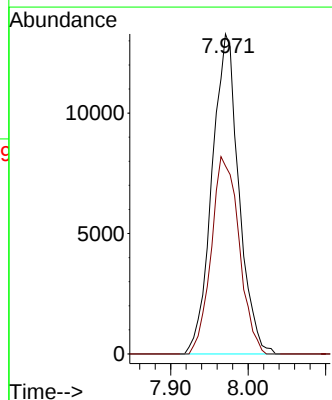
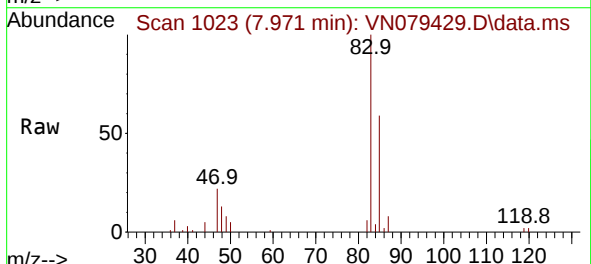
Delta R.T. -0.000 min

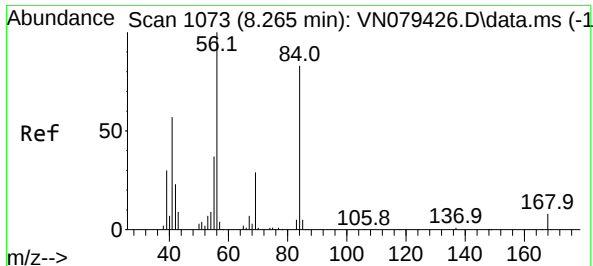
Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion: 83 Resp: 31938

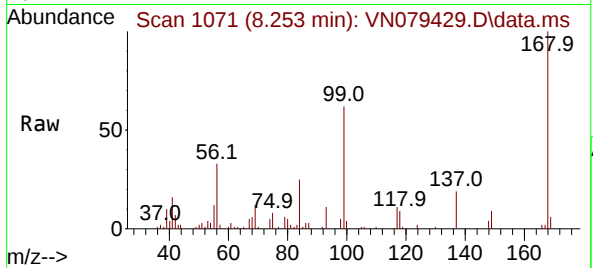
Ion	Ratio	Lower	Upper
83	100		
85	58.7	55.4	83.0





#31
Cyclohexane
Concen: 5.774 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

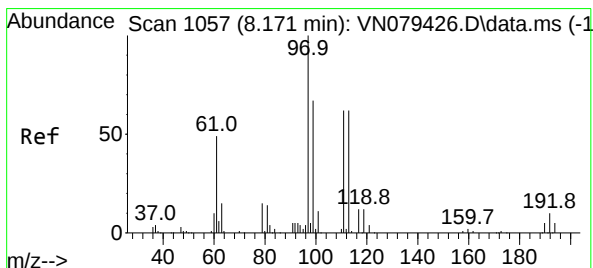
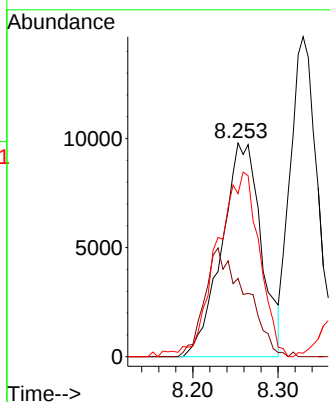
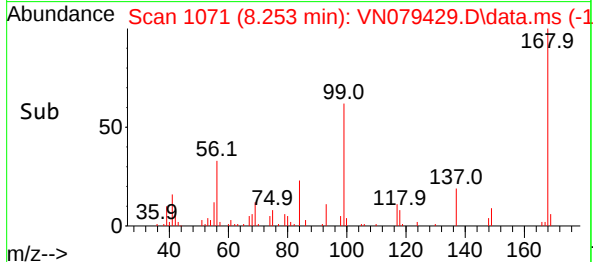
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



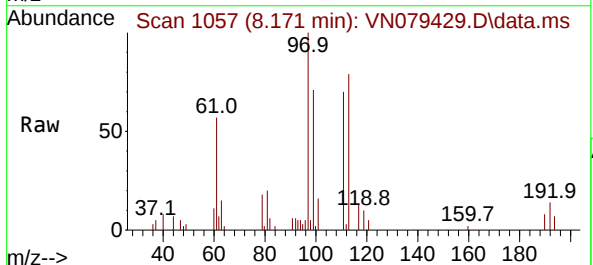
Tgt Ion: 56 Resp: 31460
Ion Ratio Lower Upper
56 100
69 36.7 26.8 40.2
84 74.3 81.8 122.6

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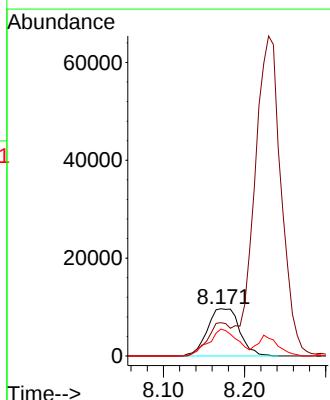
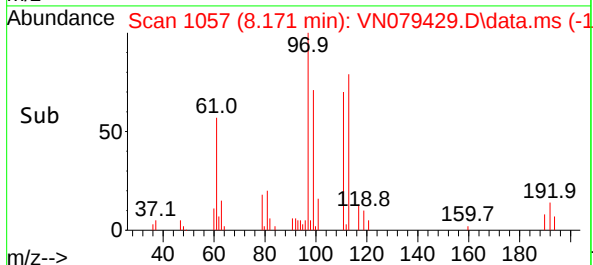
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

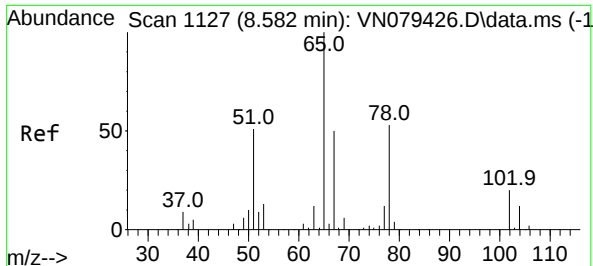


#32
1,1,1-Trichloroethane
Concen: 5.043 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion: 97 Resp: 26579
Ion Ratio Lower Upper
97 100
99 49.6 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.525 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 21219

Ion Ratio Lower Upper

65 100

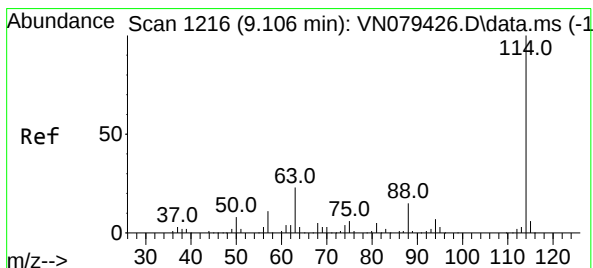
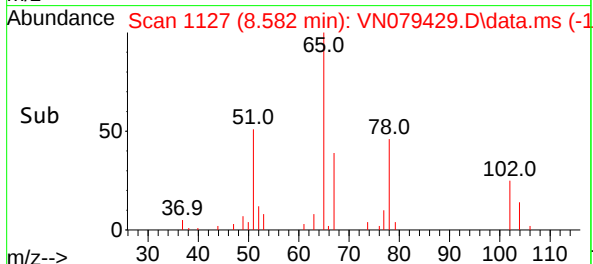
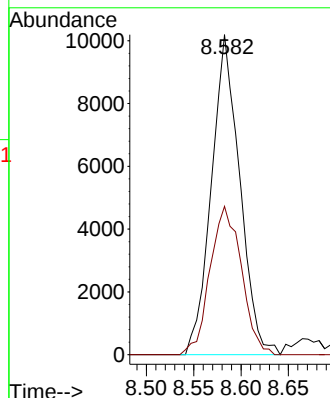
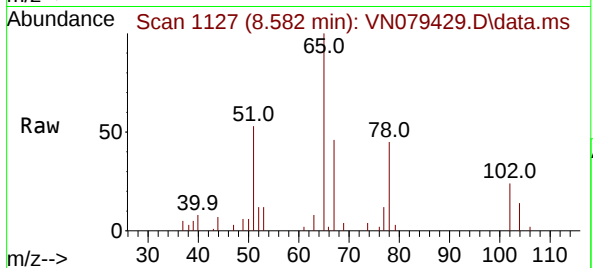
67 51.4 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

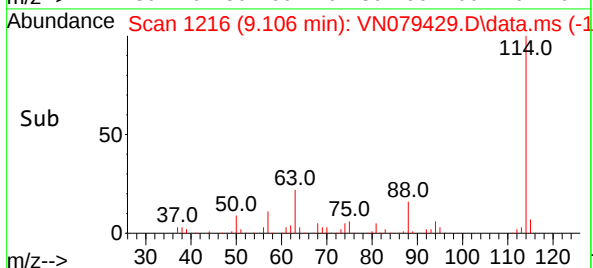
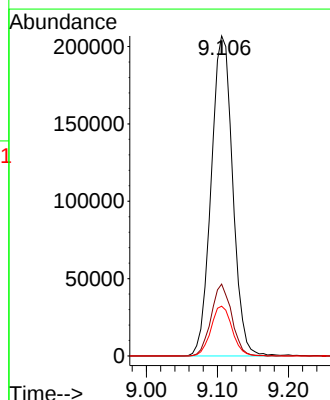
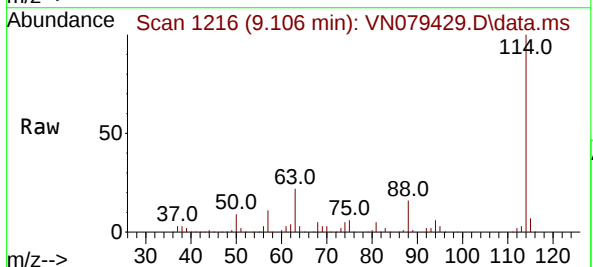
Tgt Ion:114 Resp: 433827

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.517 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 17200

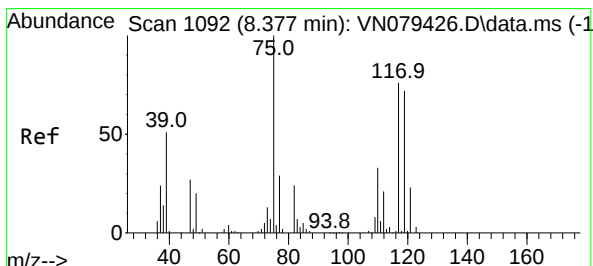
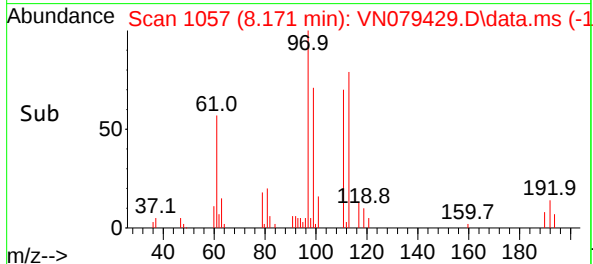
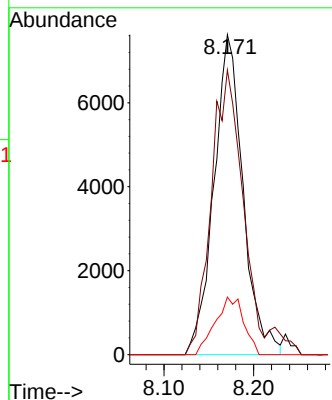
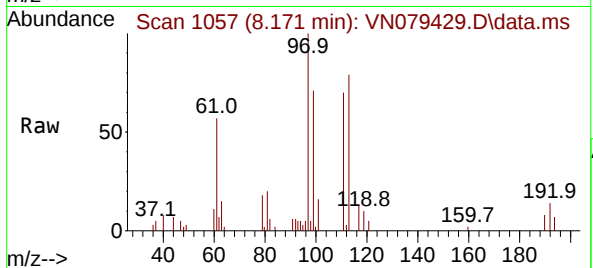
Ion	Ratio	Lower	Upper
113	100		
111	95.0	82.6	123.8
192	17.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 4.861 ug/l

RT: 8.382 min Scan# 1093

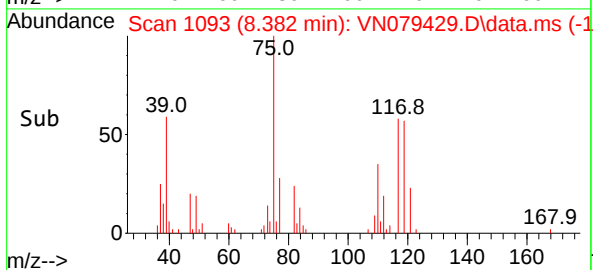
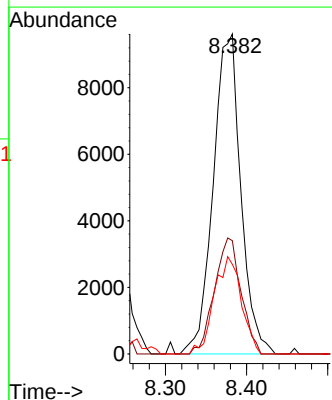
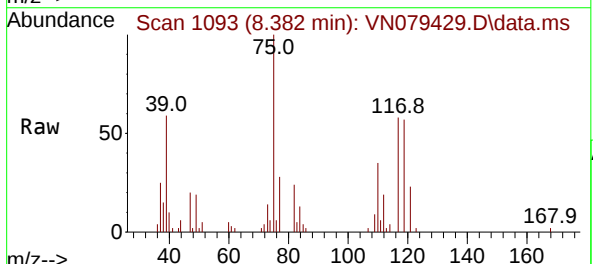
Delta R.T. 0.006 min

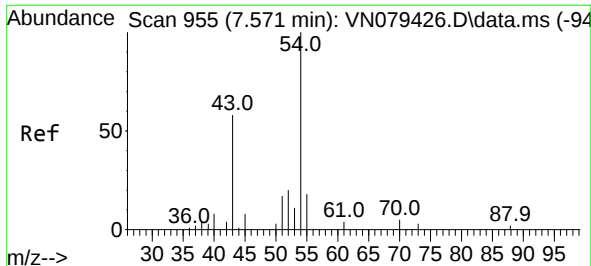
Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion: 75 Resp: 22745

Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.3
77	29.9	25.0	37.4





#37

Ethyl Acetate

Concen: 4.774 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

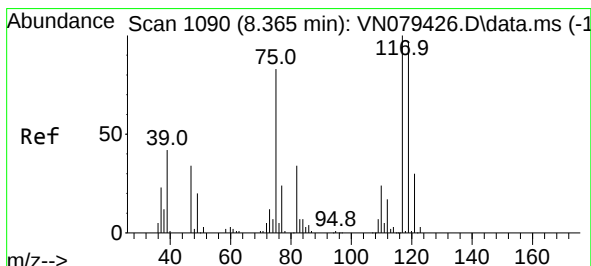
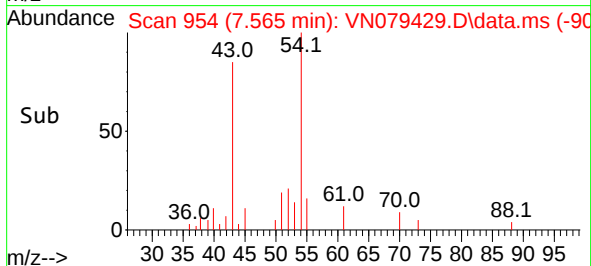
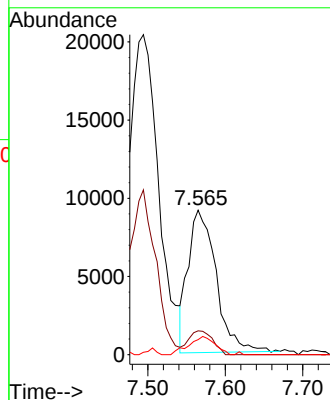
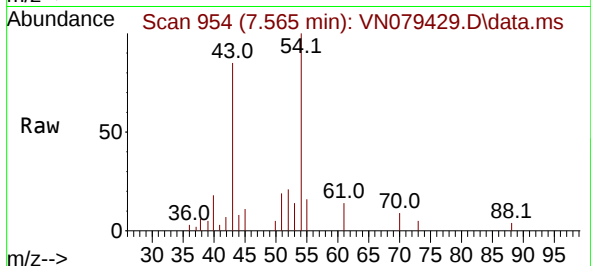
Tgt Ion:	43	Resp:	22879
Ion	Ratio	Lower	Upper
43	100		
61	14.5	13.2	19.8
70	11.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 4.937 ug/l

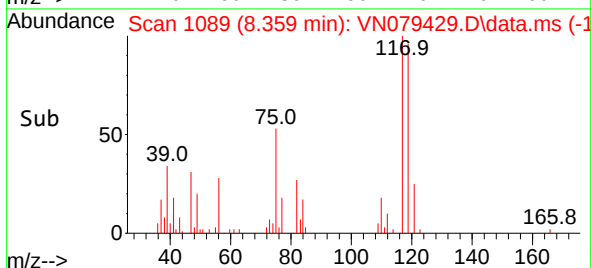
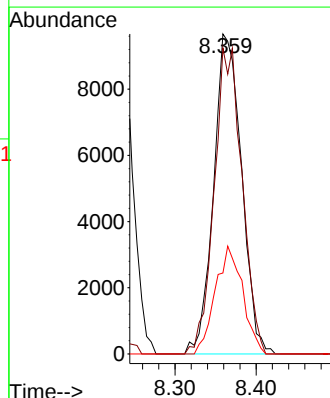
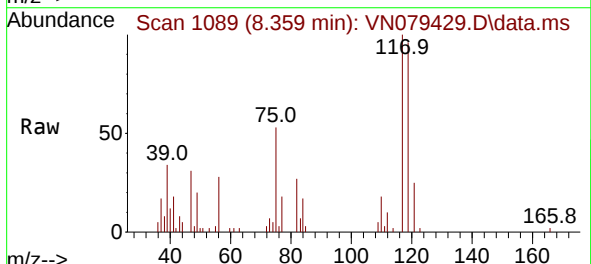
RT: 8.359 min Scan# 1089

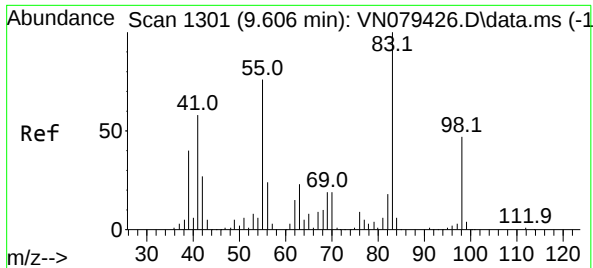
Delta R.T. -0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion:	117	Resp:	23125
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	25.3	23.3	34.9





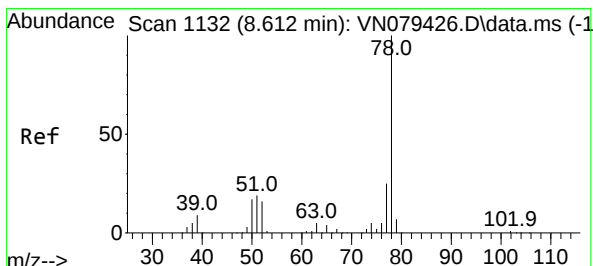
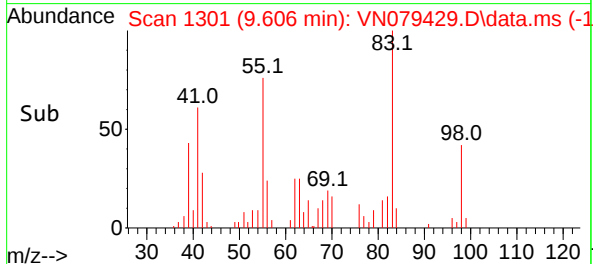
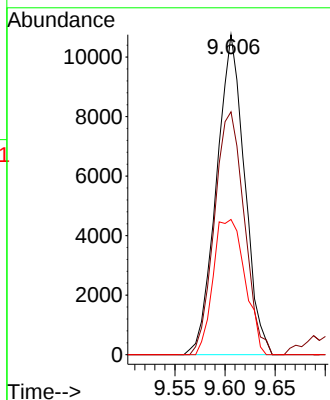
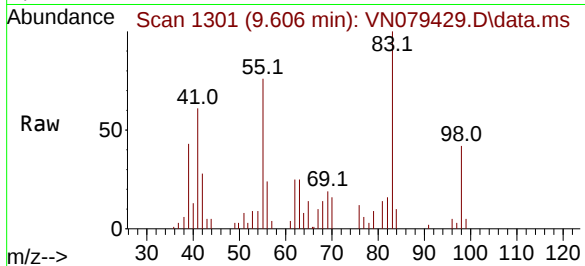
#39
Methylcyclohexane
Concen: 4.665 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2097
Ion Ratio Lower Upper
83 100
55 75.9 49.1 73.7
98 42.3 40.6 61.0

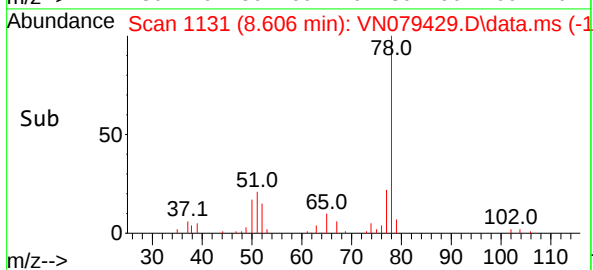
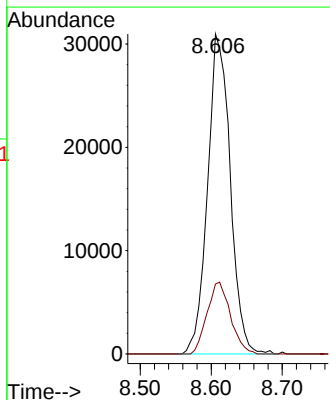
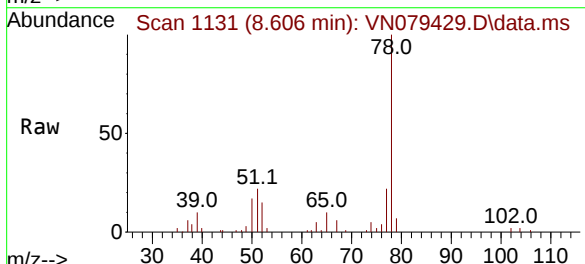
Manual Integrations
APPROVED

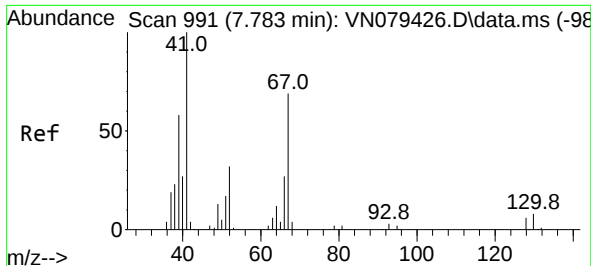
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#40
Benzene
Concen: 4.938 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

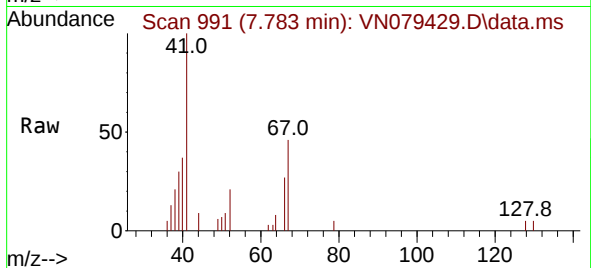
Tgt Ion: 78 Resp: 68619
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.6





#41
Methacrylonitrile
Concen: 4.691 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

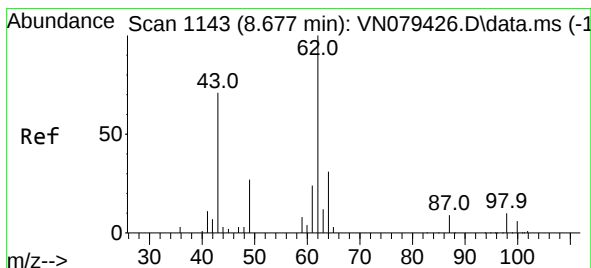
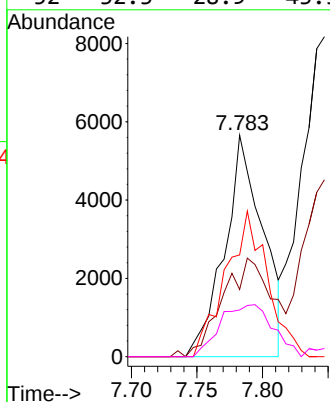
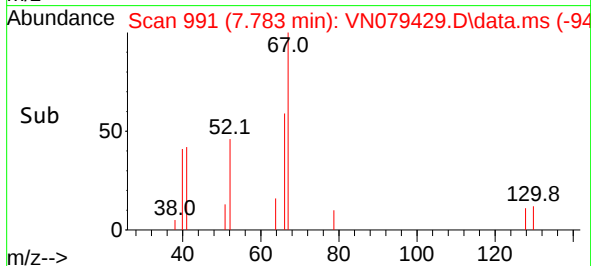
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1148
Ion Ratio Lower Upper
41 100
39 58.3 42.6 64.0
67 71.4 77.5 116.3
52 32.3 28.9 43.3

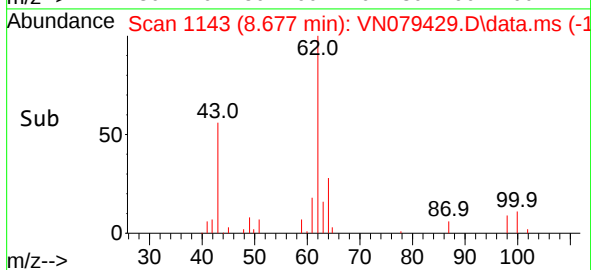
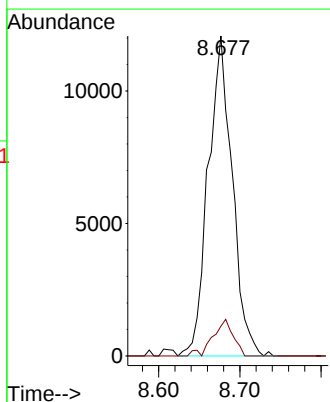
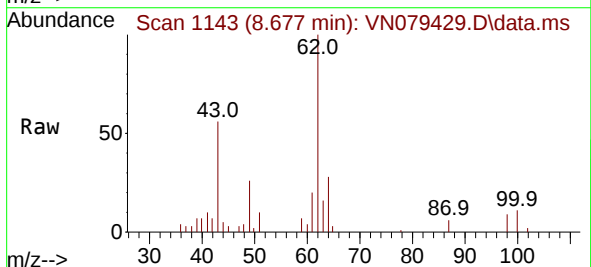
Manual Integrations
APPROVED

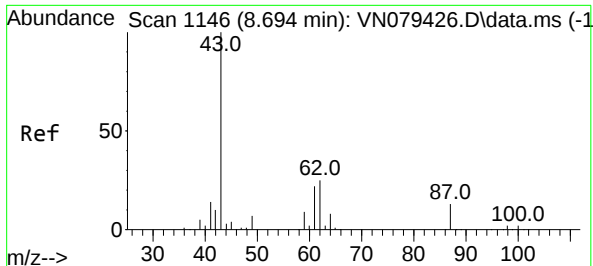
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 4.944 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 62 Resp: 24965
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





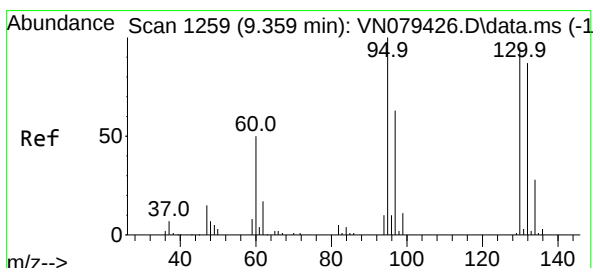
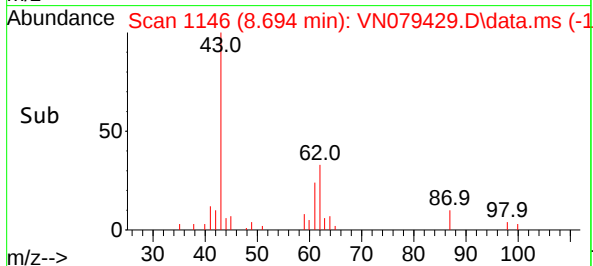
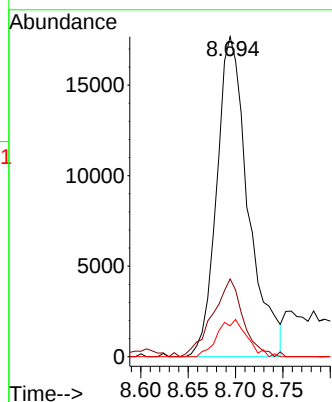
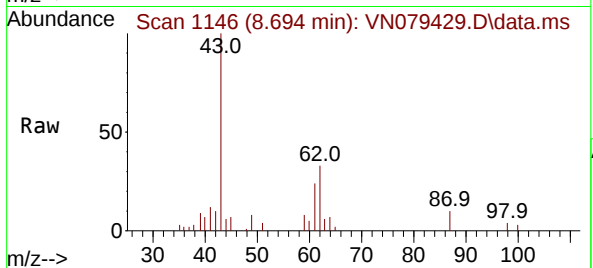
#43
Isopropyl Acetate
Concen: 5.021 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
61 23.7 24.7 37.1
87 10.9 14.6 21.8

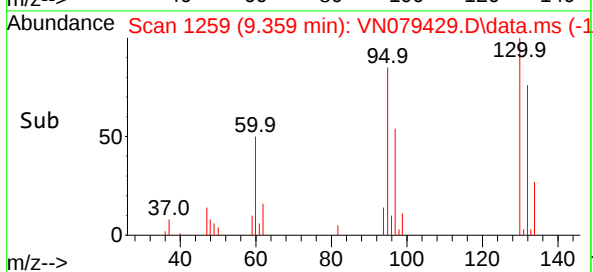
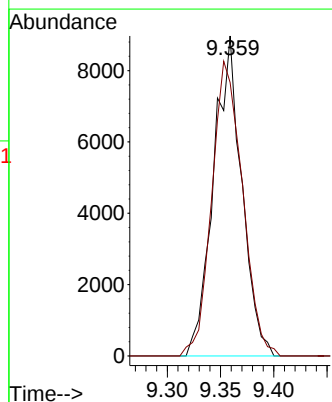
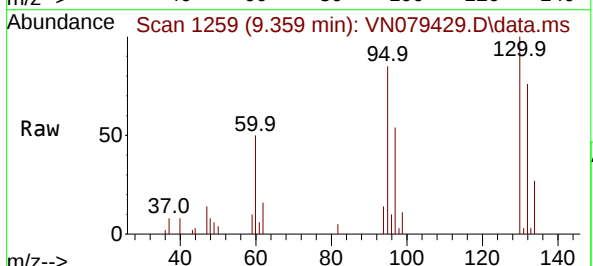
Manual Integrations
APPROVED

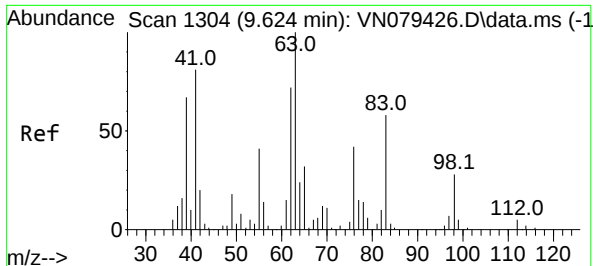
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#44
Trichloroethene
Concen: 5.058 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion:130 Resp: 16544
Ion Ratio Lower Upper
130 100
95 85.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.199 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1903

Ion Ratio Lower Upper

63 100

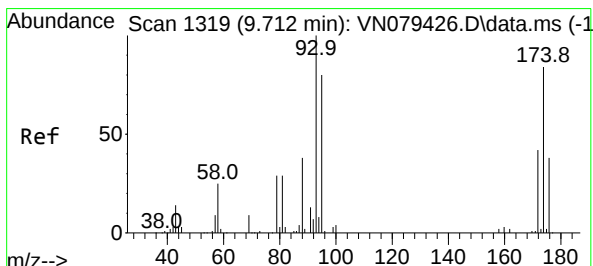
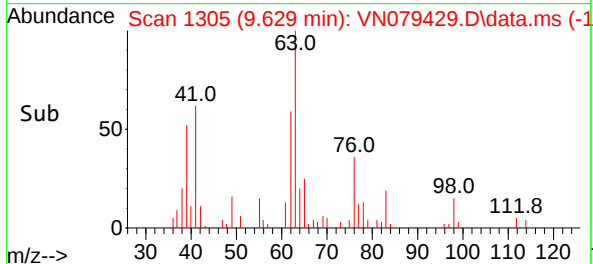
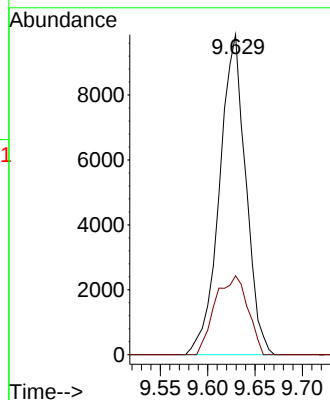
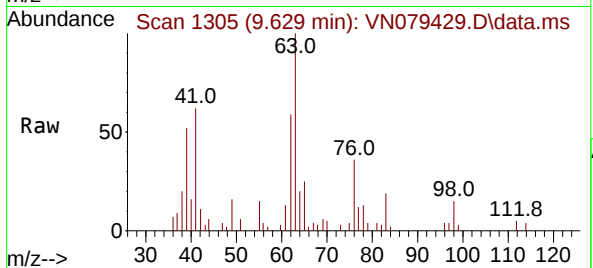
65 24.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 4.863 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

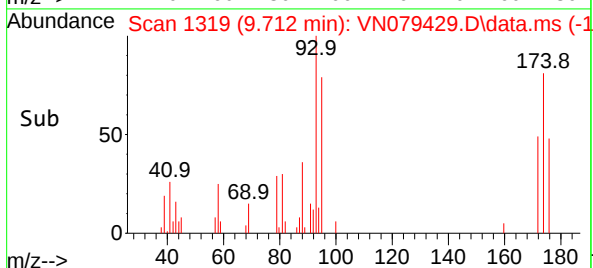
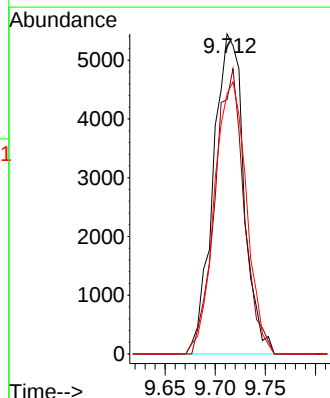
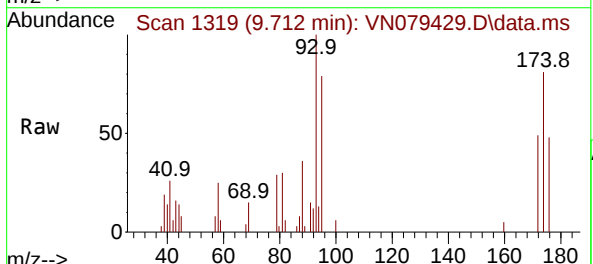
Tgt Ion: 93 Resp: 11532

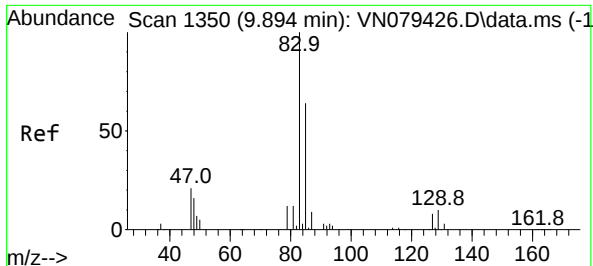
Ion Ratio Lower Upper

93 100

95 84.7 63.8 95.8

174 89.0 65.6 98.4





#47
Bromodichloromethane
Concen: 4.839 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

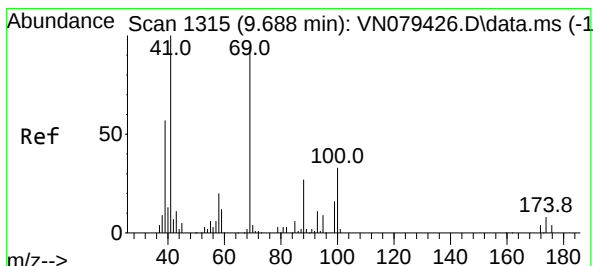
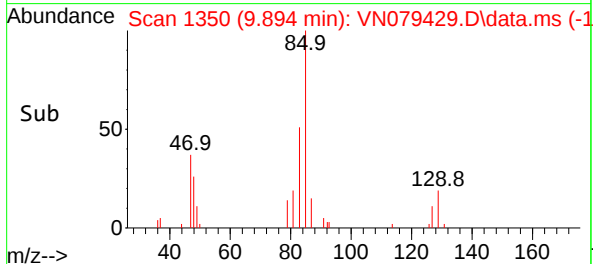
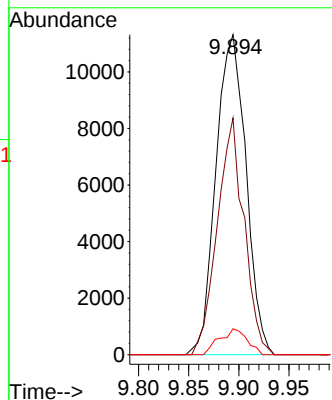
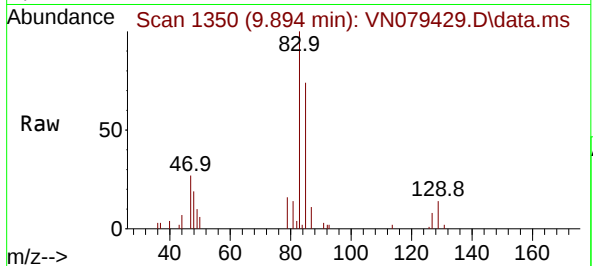
ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 2360
Ion Ratio Lower Upper
83 100
85 74.0 49.6 74.4
127 8.1 7.0 10.6

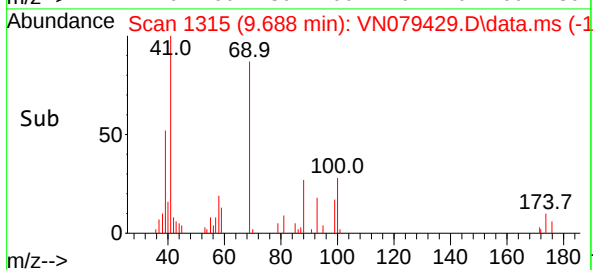
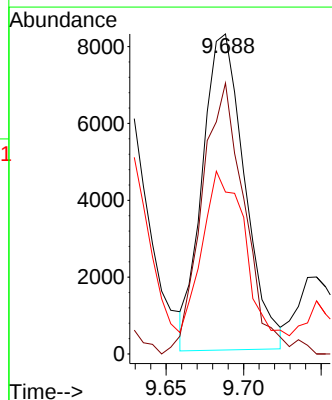
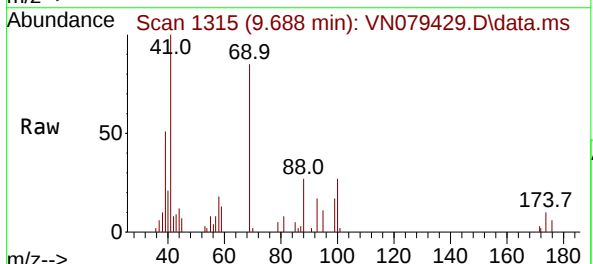
Manual Integrations
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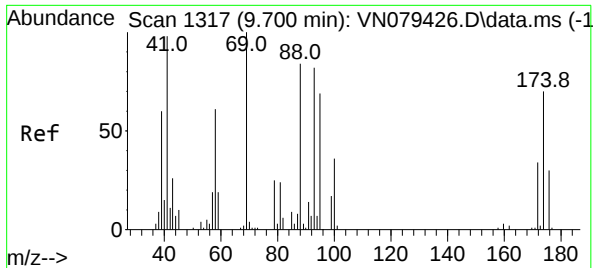
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 4.473 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 41 Resp: 15635
Ion Ratio Lower Upper
41 100
69 87.5 90.4 135.6#
39 63.2 54.6 81.8





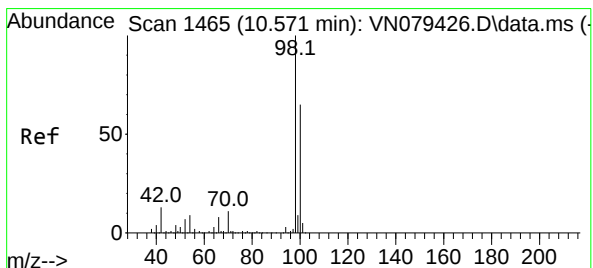
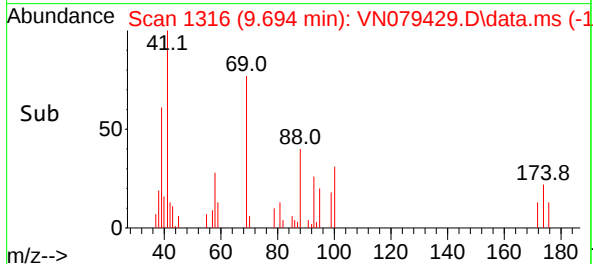
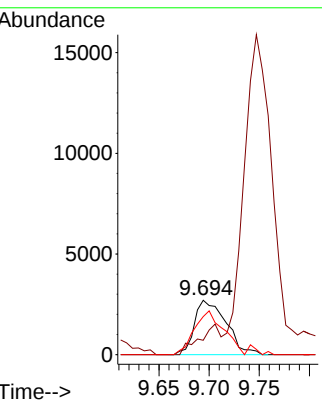
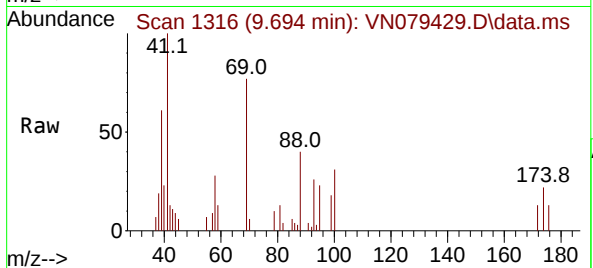
#49
1,4-Dioxane
Concen: 92.321 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 5944
Ion Ratio Lower Upper
88 100
43 36.7 17.0 25.6
58 74.4 47.0 70.4

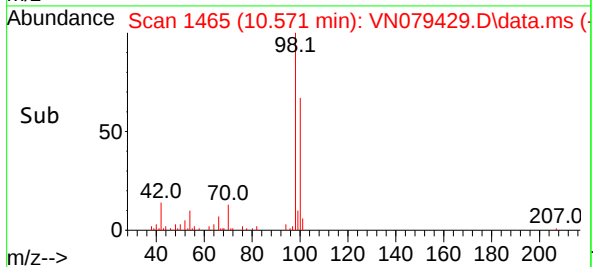
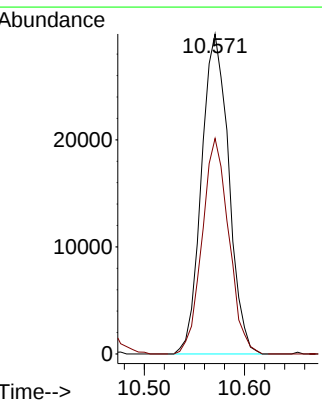
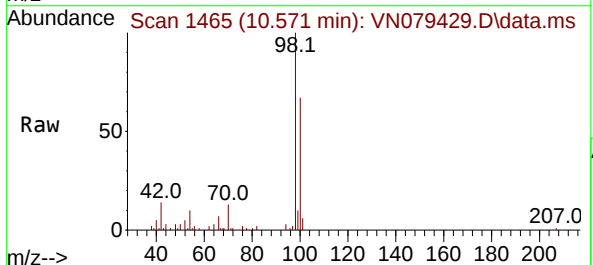
Manual Integrations
APPROVED

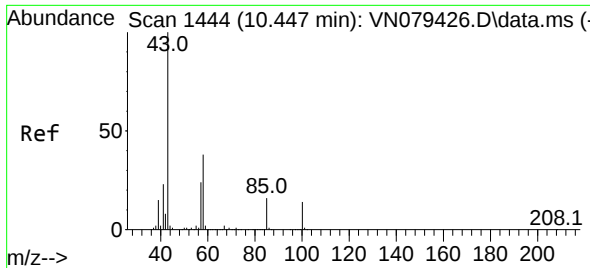
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#50
Toluene-d8
Concen: 4.981 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 98 Resp: 56188
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





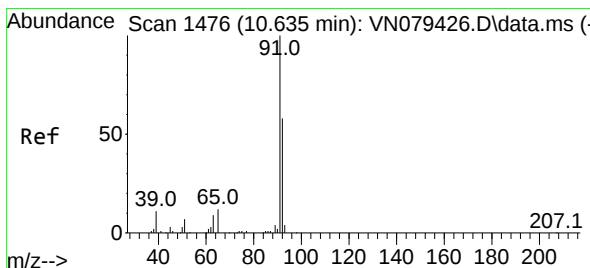
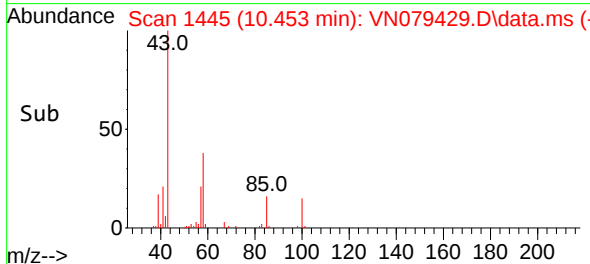
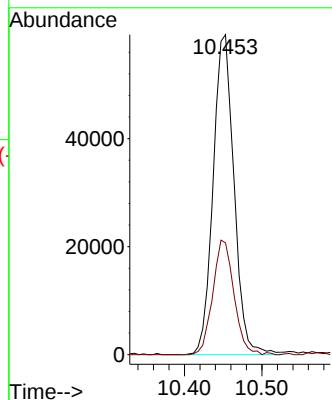
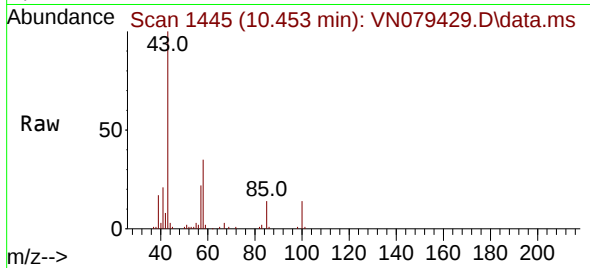
#51
4-Methyl-2-Pentanone
Concen: 24.208 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 111460
Ion Ratio Lower Upper
43 100
58 36.4 36.6 54.8

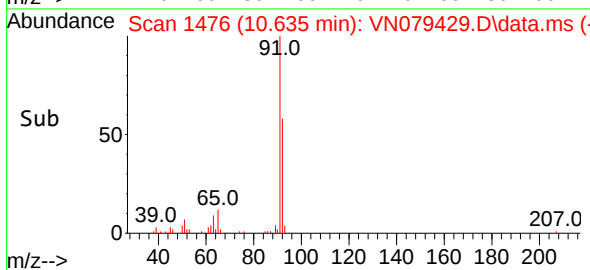
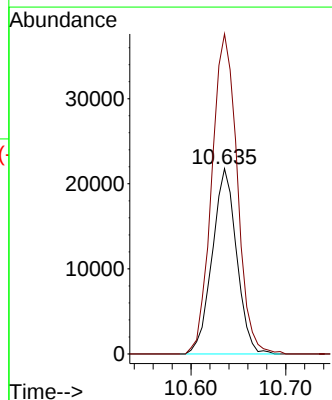
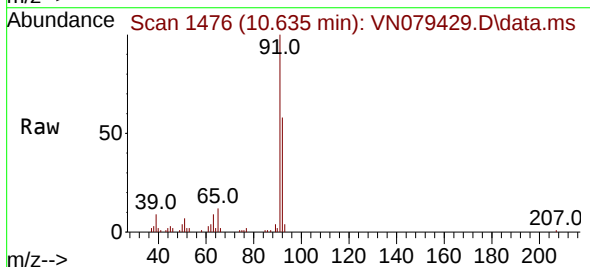
Manual Integrations
APPROVED

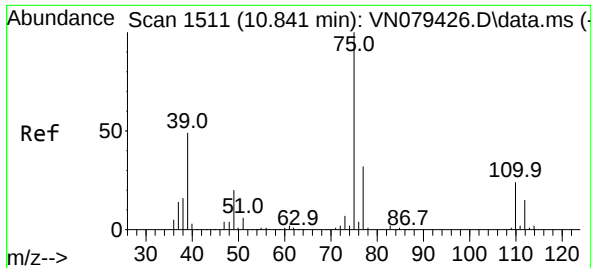
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 4.750 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

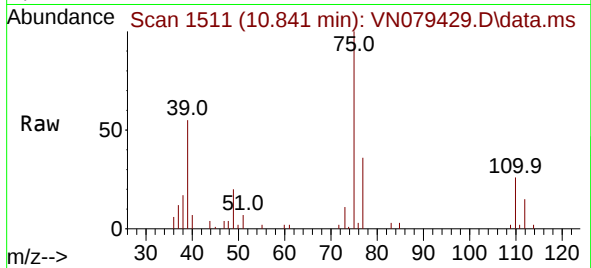
Tgt Ion: 92 Resp: 38851
Ion Ratio Lower Upper
92 100
91 180.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 4.686 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

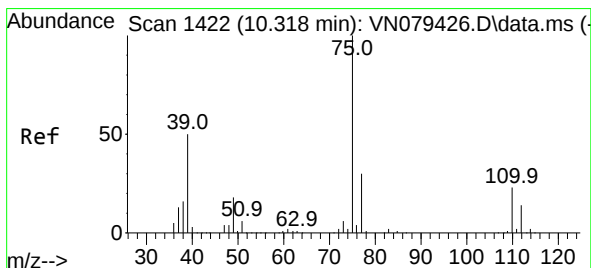
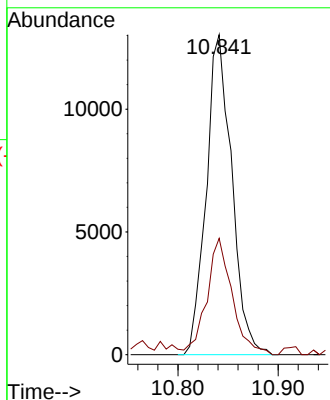
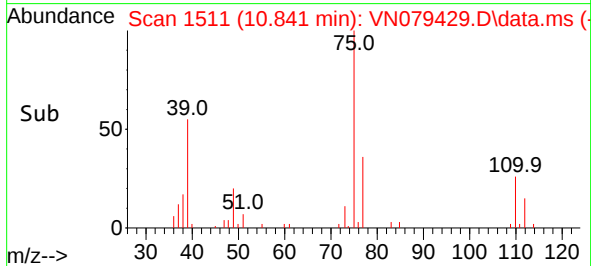
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



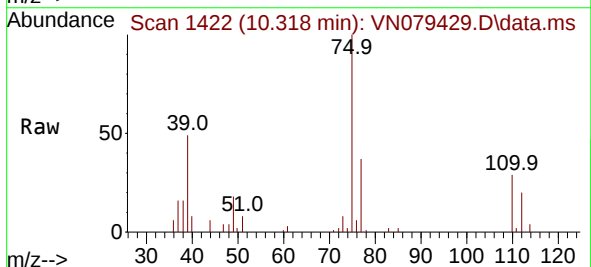
Tgt Ion: 75 Resp: 23036
Ion Ratio Lower Upper
75 100
77 36.4 25.4 38.0

Manual Integrations
APPROVED

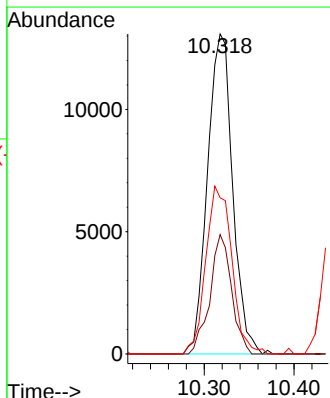
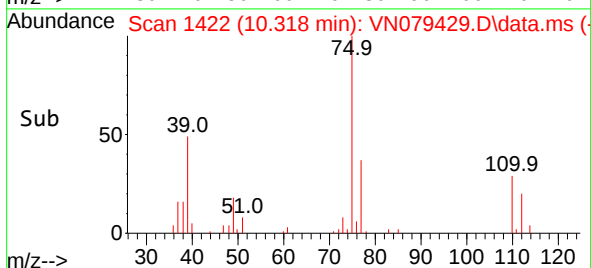
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

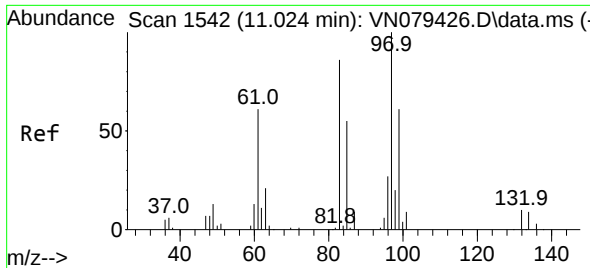


#54
cis-1,3-Dichloropropene
Concen: 4.732 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



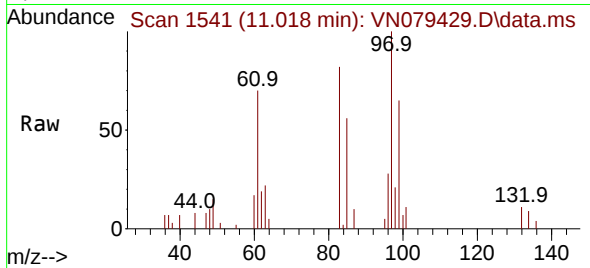
Tgt Ion: 75 Resp: 25466
Ion Ratio Lower Upper
75 100
77 37.3 26.1 39.1
39 48.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 4.890 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

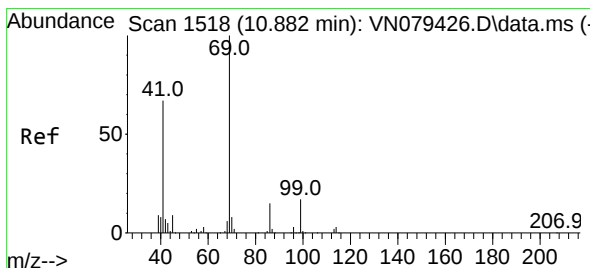
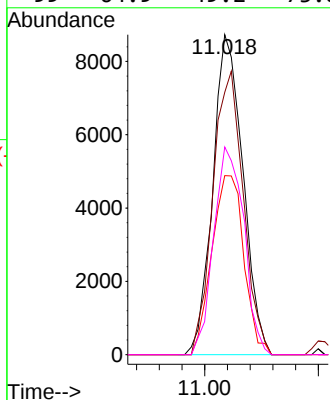
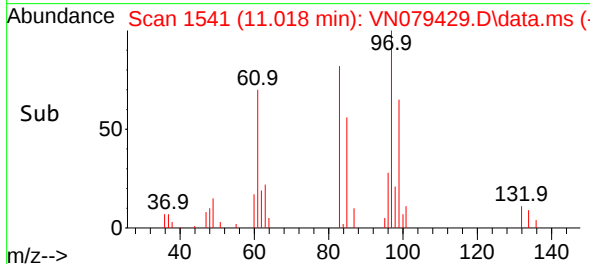
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.1	97.7
85	55.9	43.4	65.2
99	64.9	49.2	73.8

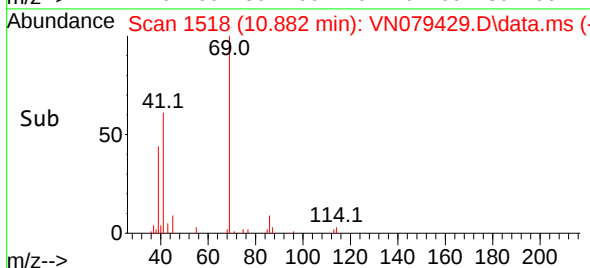
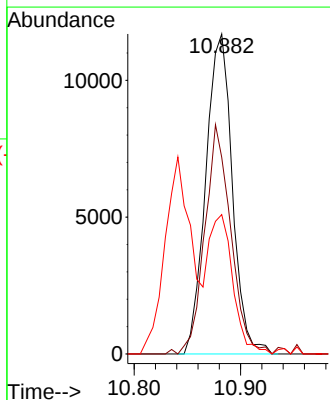
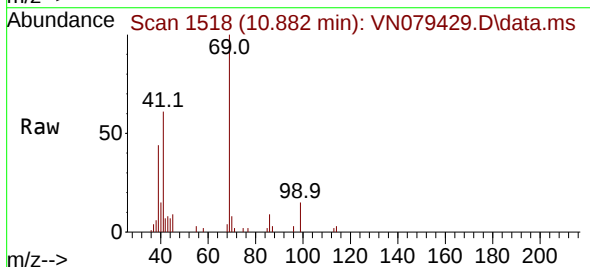
Manual Integrations
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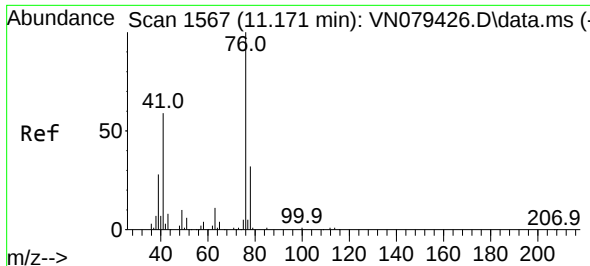
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#56
Ethyl methacrylate
Concen: 4.489 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	39.6	59.4
39	39.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 4.890 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2773

Ion Ratio Lower Upper

76 100

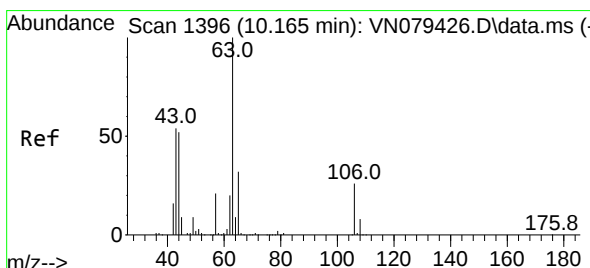
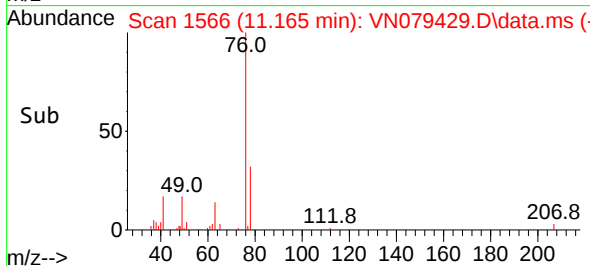
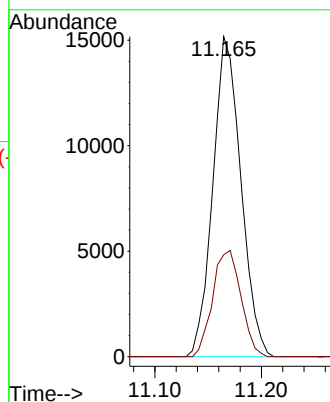
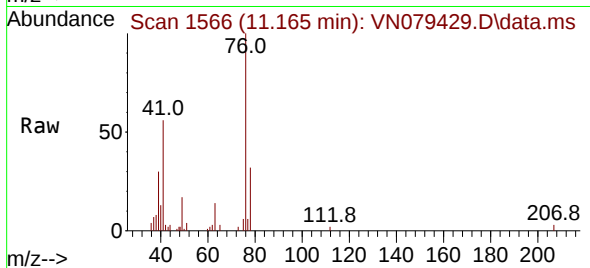
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 22.272 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN079429.D

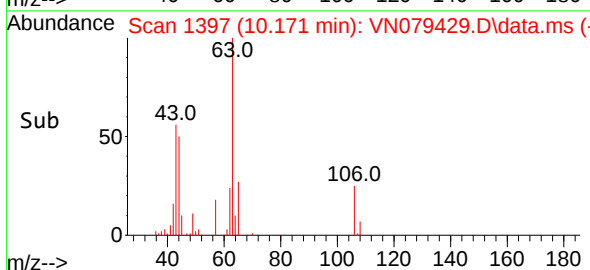
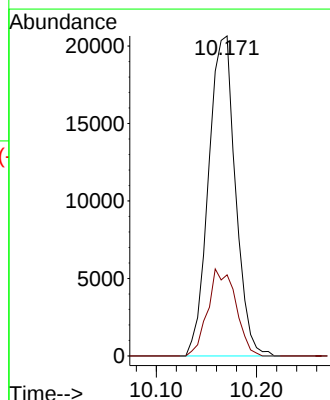
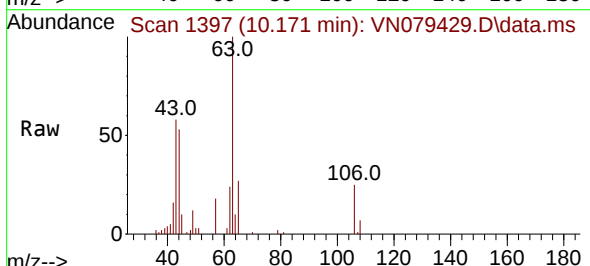
Acq: 05 Oct 2023 19:03

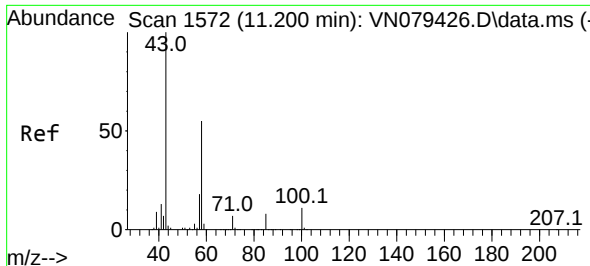
Tgt Ion: 63 Resp: 38489

Ion Ratio Lower Upper

63 100

106 28.2 26.2 39.4





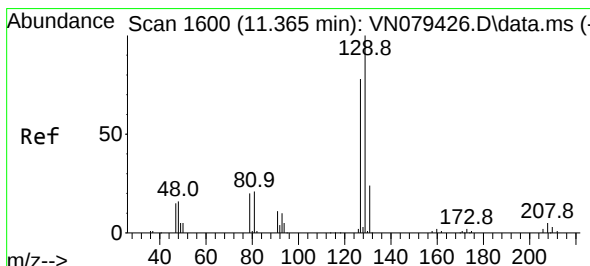
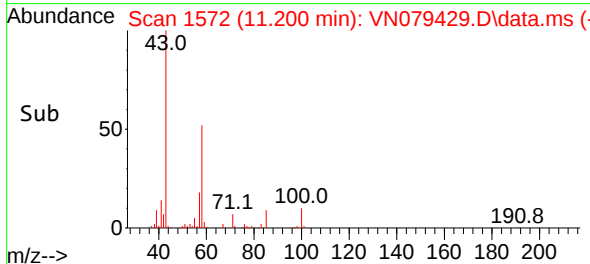
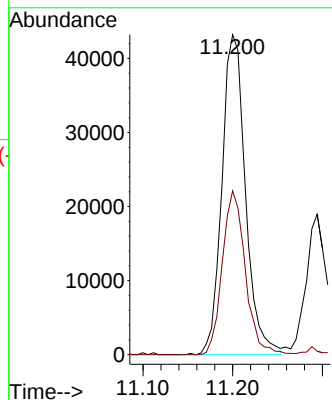
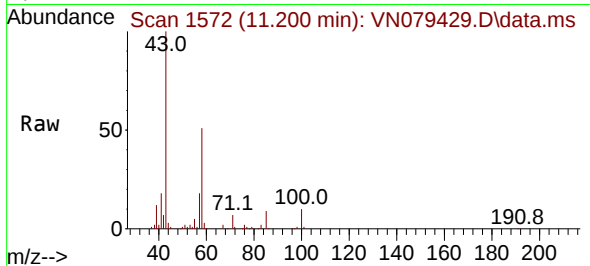
#59
2-Hexanone
Concen: 23.701 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 7875
Ion Ratio Lower Upper
43 100
58 50.0 31.7 95.1

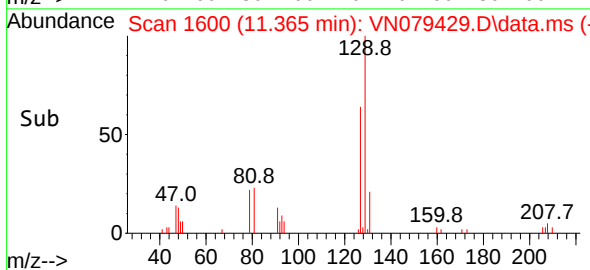
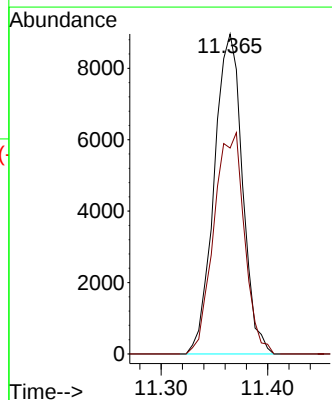
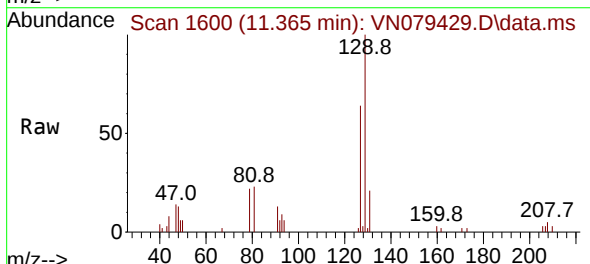
Manual Integrations
APPROVED

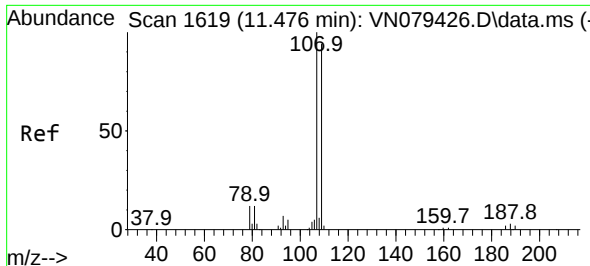
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 4.998 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion:129 Resp: 16494
Ion Ratio Lower Upper
129 100
127 74.9 38.6 116.0





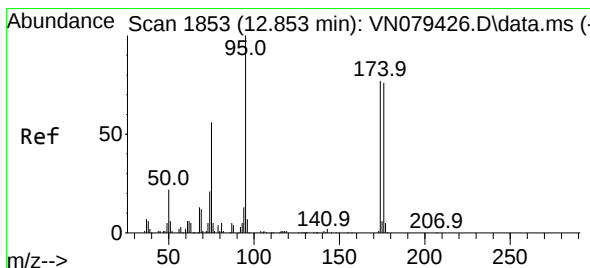
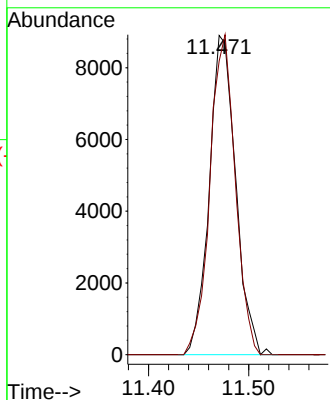
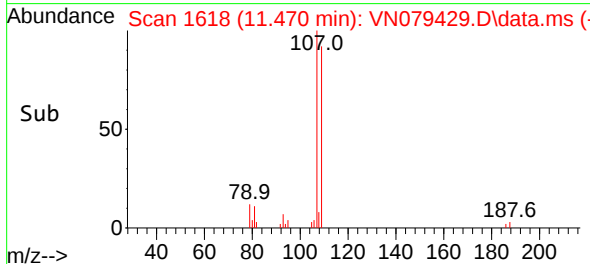
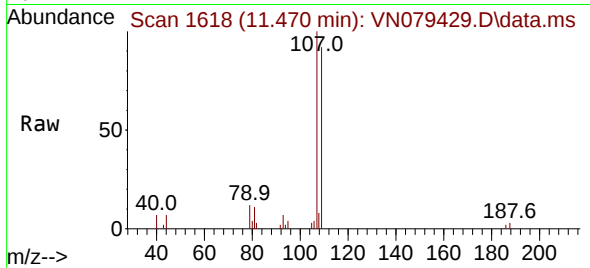
#61
1,2-Dibromoethane
Concen: 5.001 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1629
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8

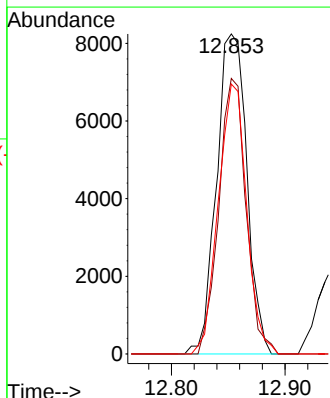
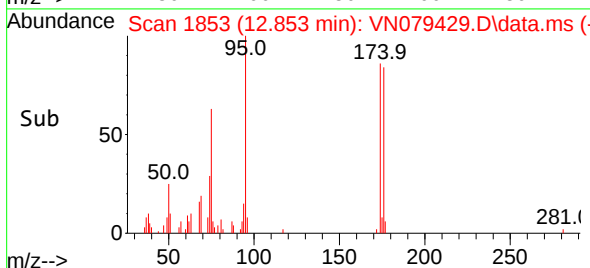
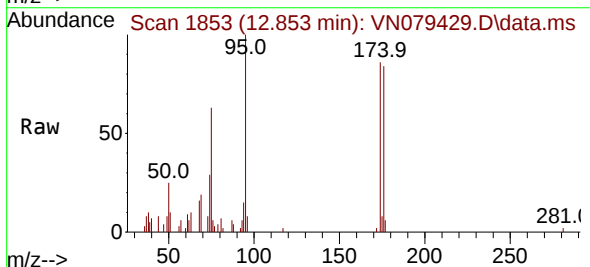
Manual Integrations
APPROVED

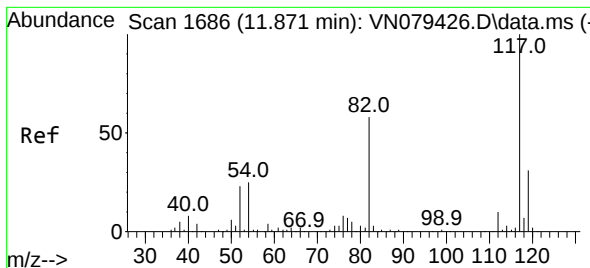
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 4.216 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

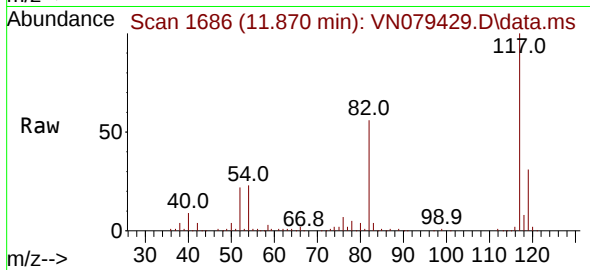
Tgt Ion: 95 Resp: 15264
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 78.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

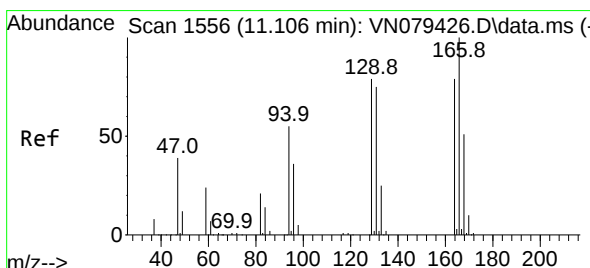
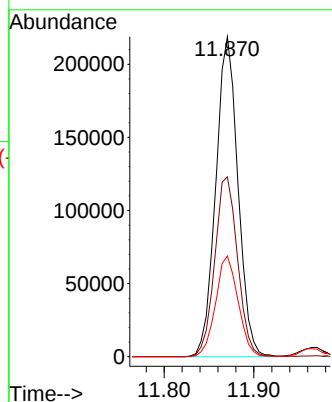
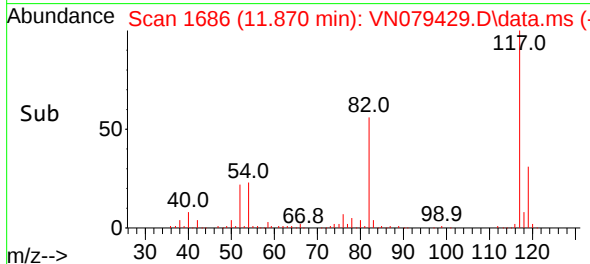
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



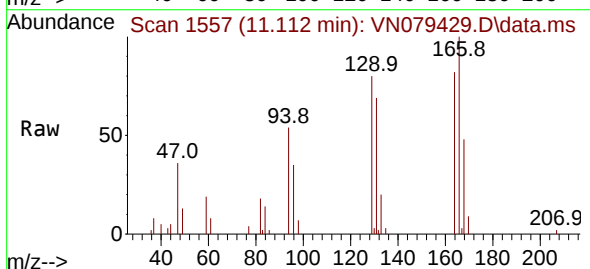
Tgt Ion:117 Resp: 375925
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.5 25.6 38.4

Manual Integrations
APPROVED

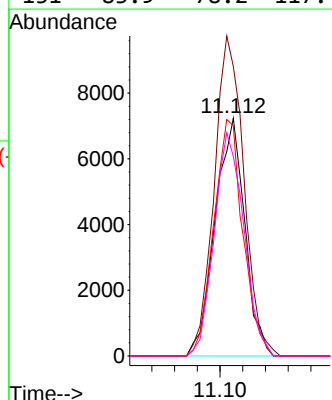
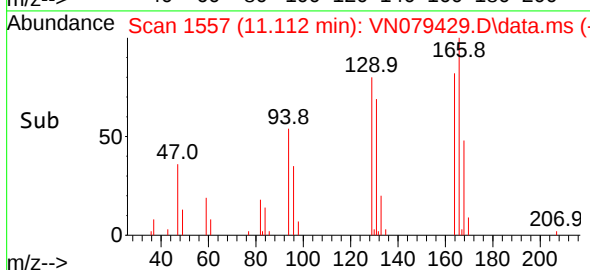
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

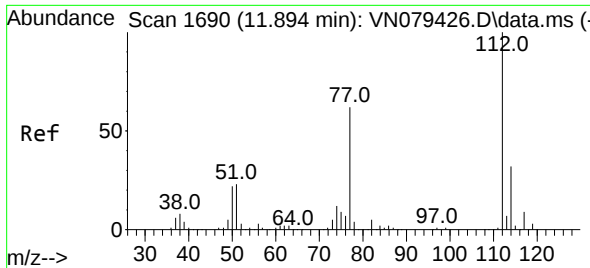


#64
Tetrachloroethene
Concen: 5.072 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion:164 Resp: 13117
Ion Ratio Lower Upper
164 100
166 121.8 101.4 152.0
129 96.8 82.4 123.6
131 83.9 78.2 117.4





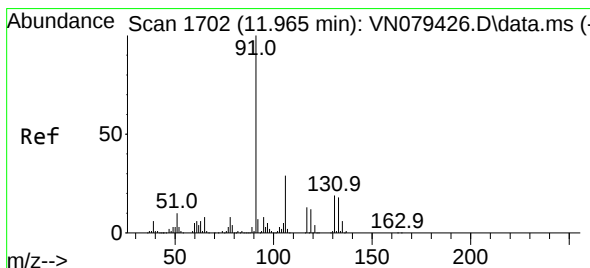
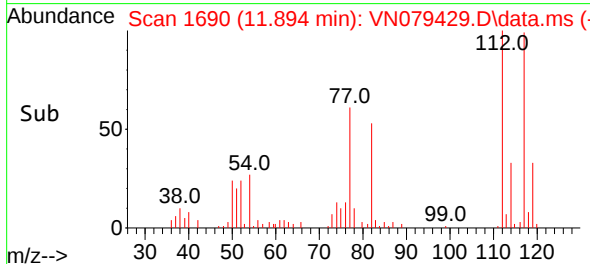
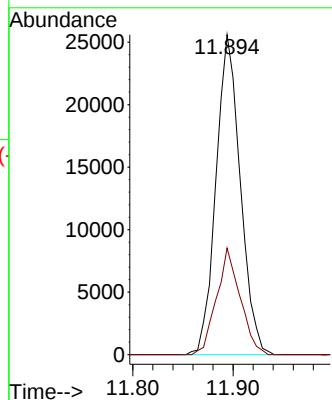
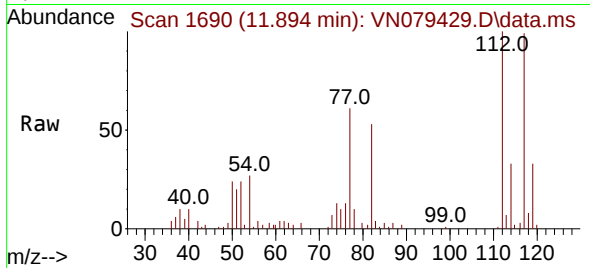
#65
Chlorobenzene
Concen: 5.145 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 43074
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

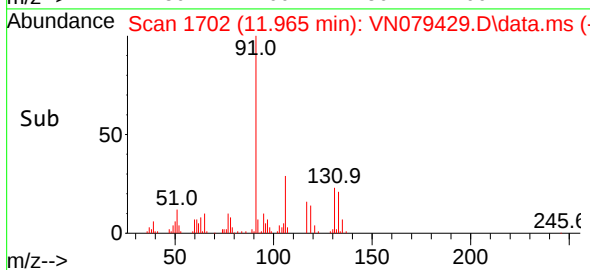
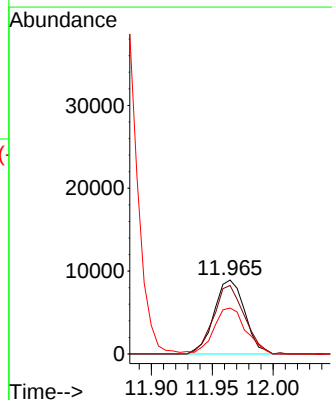
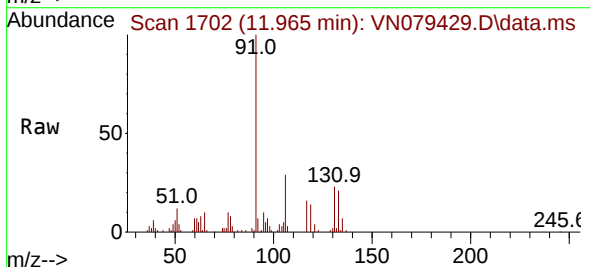
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.102 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

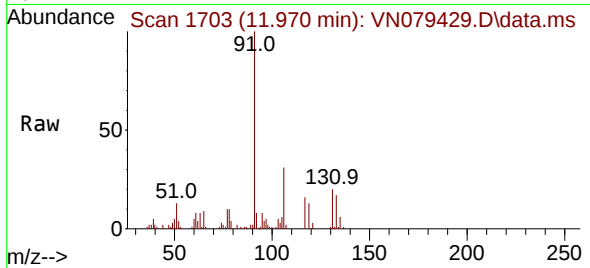
Tgt Ion:131 Resp: 15639
Ion Ratio Lower Upper
131 100
133 93.9 46.4 139.1
119 65.2 34.1 102.2





#67
Ethyl Benzene
Concen: 4.716 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

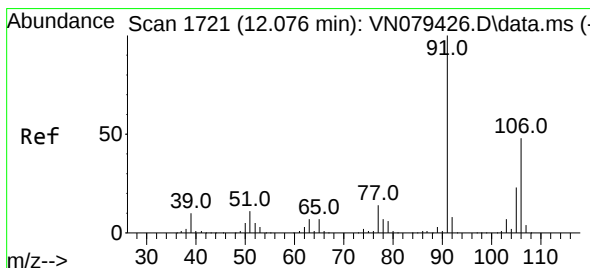
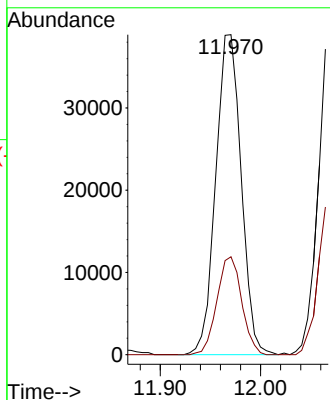
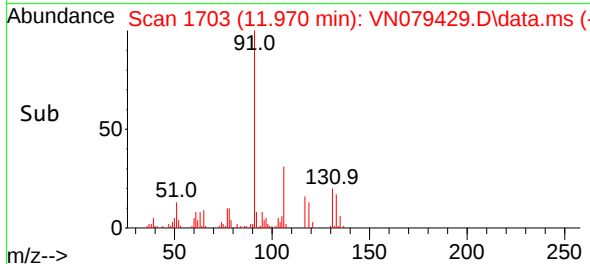
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



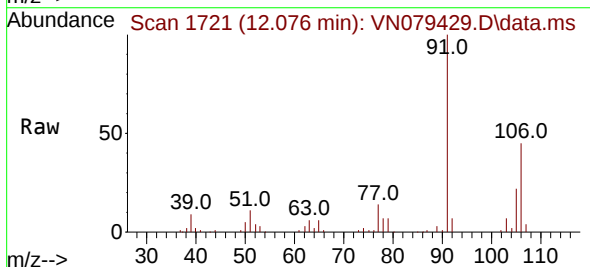
Tgt Ion: 91 Resp: 6861
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
APPROVED

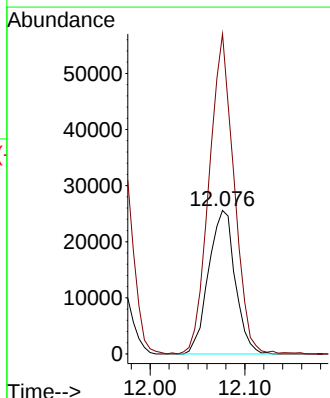
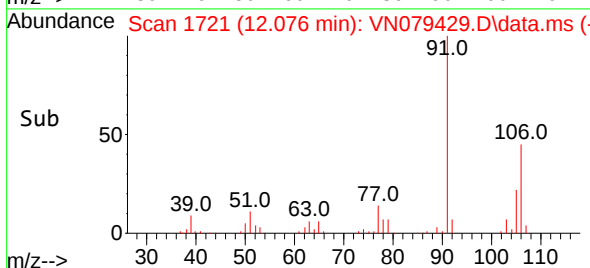
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

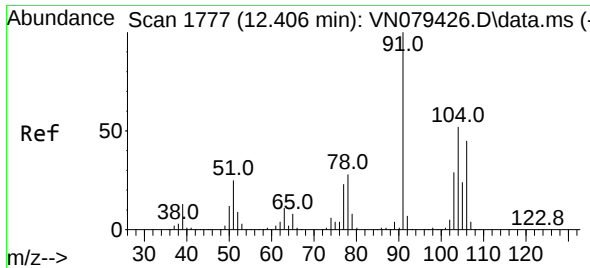


#68
m/p-Xylenes
Concen: 9.432 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion:106 Resp: 49871
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4





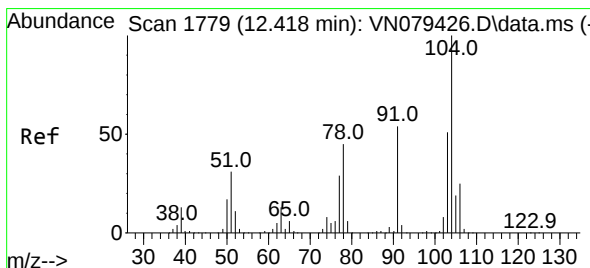
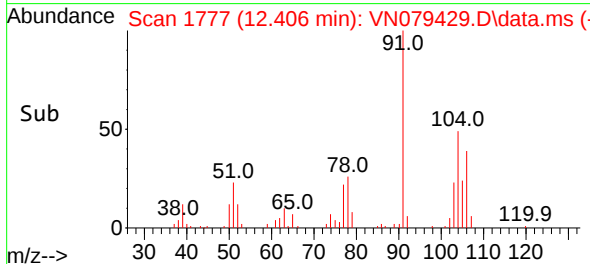
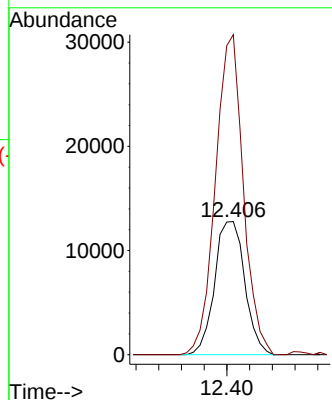
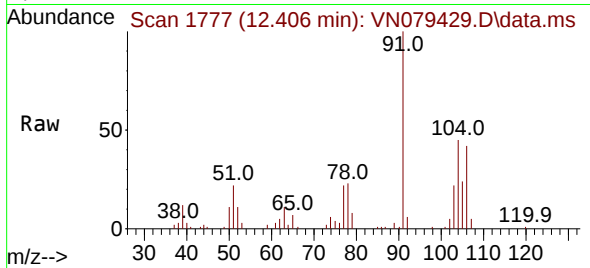
#69
o-Xylene
Concen: 4.524 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2352
Ion Ratio Lower Upper
106 100
91 222.5 105.2 315.5

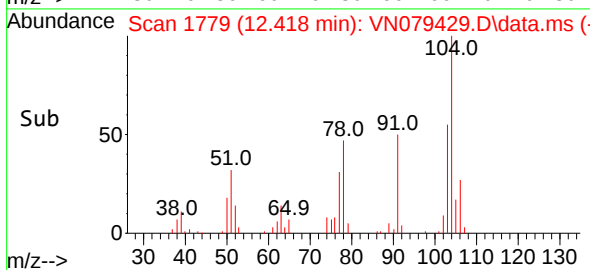
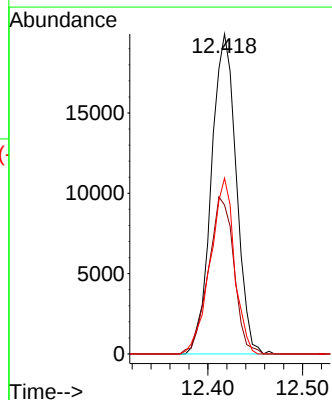
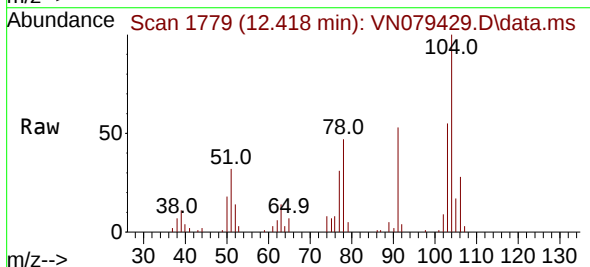
Manual Integrations
APPROVED

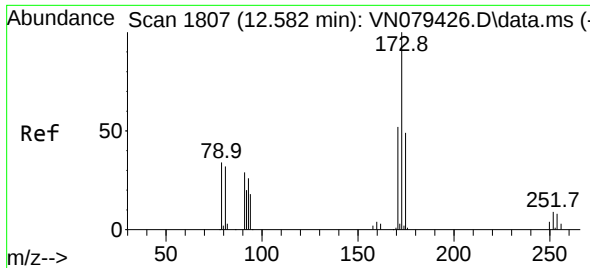
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 4.421 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

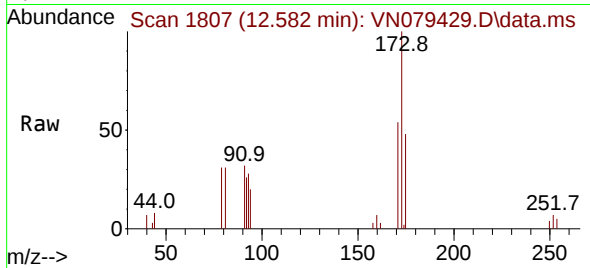
Tgt Ion:104 Resp: 36314
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 53.1 43.2 64.8





#71
Bromoform
Concen: 4.530 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

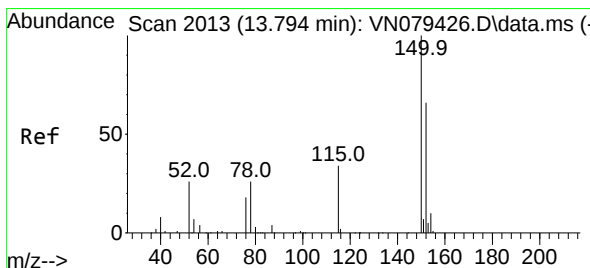
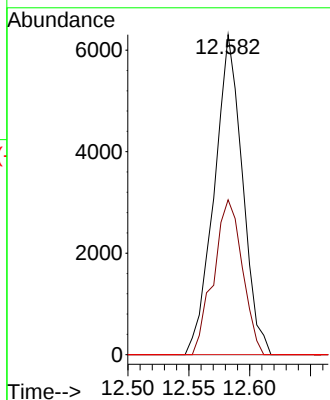
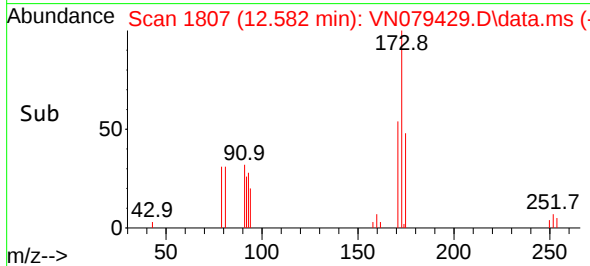
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



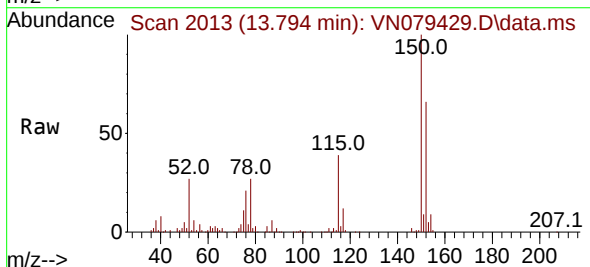
Tgt Ion:173 Resp: 10164
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

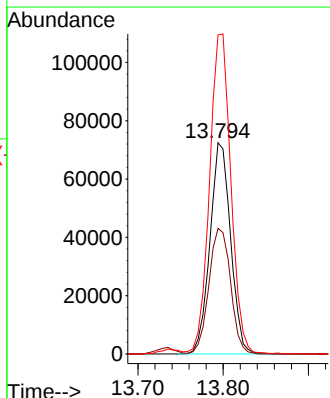
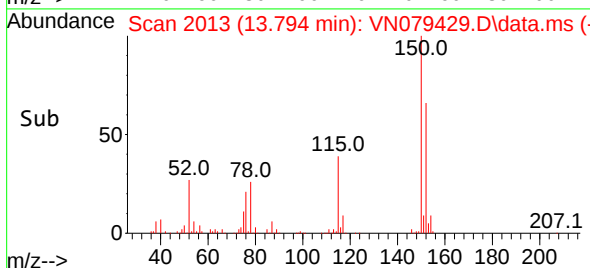
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

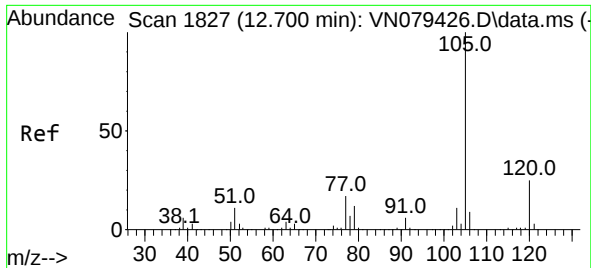


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



Tgt Ion:152 Resp: 122092
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 156.3 0.0 355.8





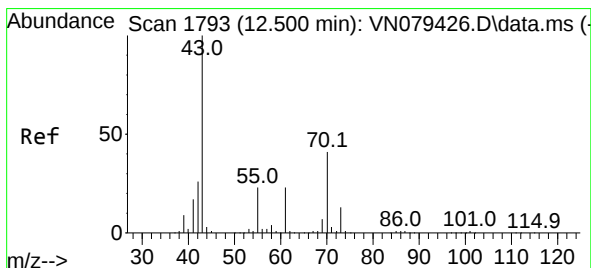
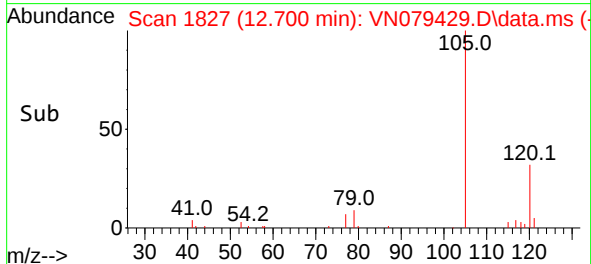
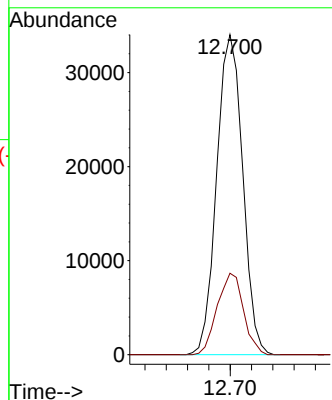
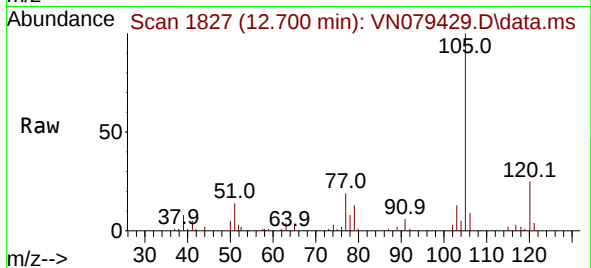
#73
Isopropylbenzene
Concen: 5.073 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 5761
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

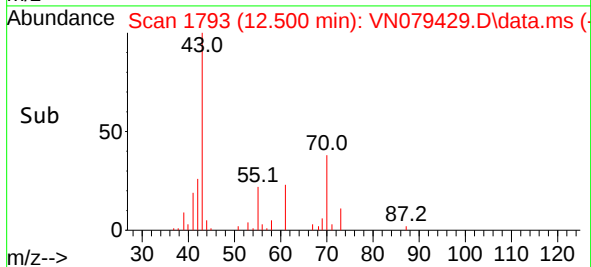
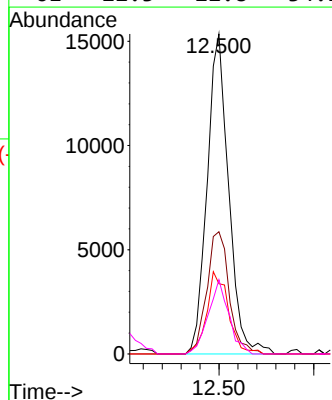
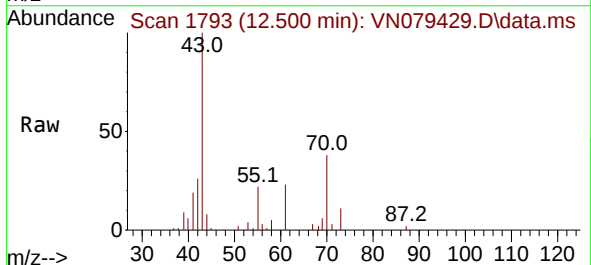
Manual Integrations
APPROVED

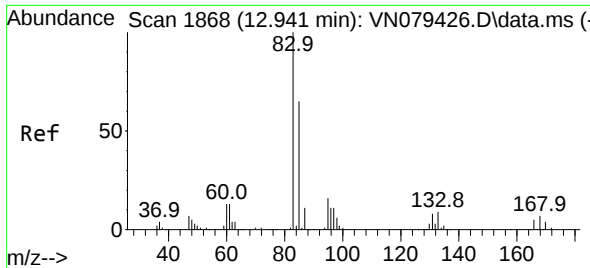
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#74
N-ethyl acetate
Concen: 5.194 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

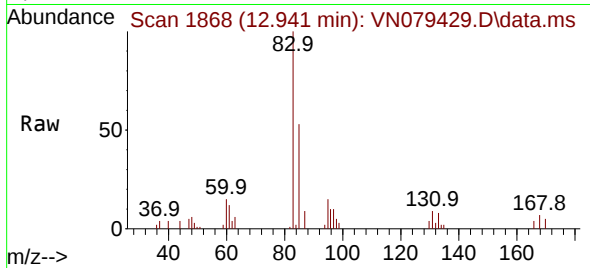
Tgt Ion: 43 Resp: 24187
Ion Ratio Lower Upper
43 100
70 39.7 43.4 65.2#
55 25.9 21.4 32.0
61 22.3 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 5.769 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

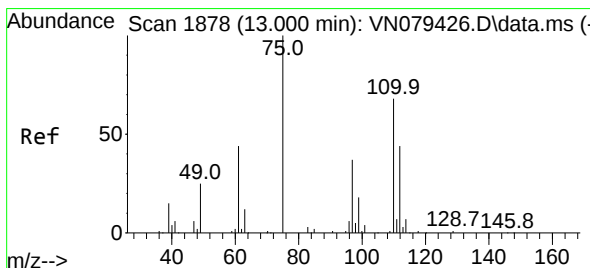
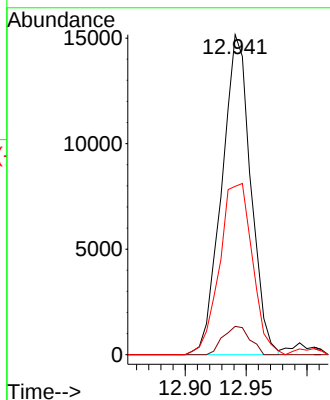
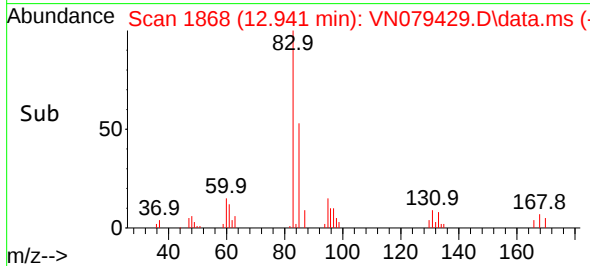
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 25092
Ion Ratio Lower Upper
83 100
131 8.2 5.0 15.0
85 60.6 31.9 95.7

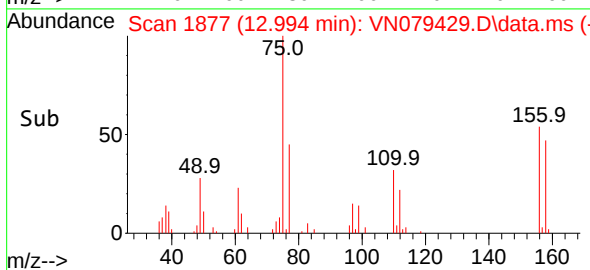
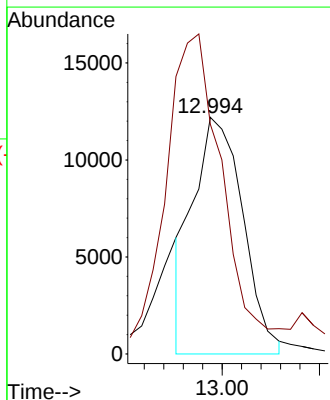
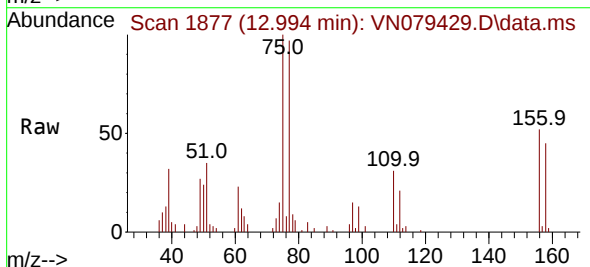
Manual Integrations
APPROVED

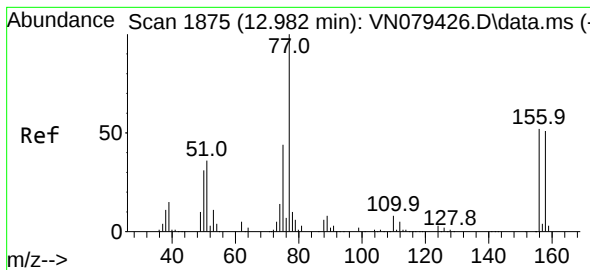
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 5.983 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion: 75 Resp: 21646
Ion Ratio Lower Upper
75 100
77 158.1 84.5 253.5





#77

Bromobenzene

Concen: 5.538 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

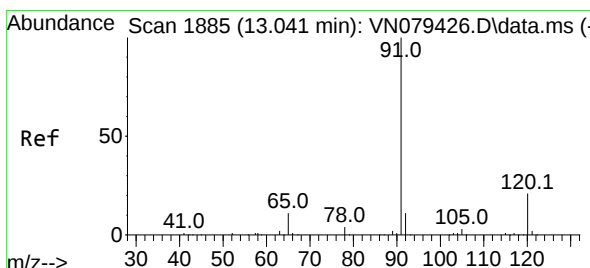
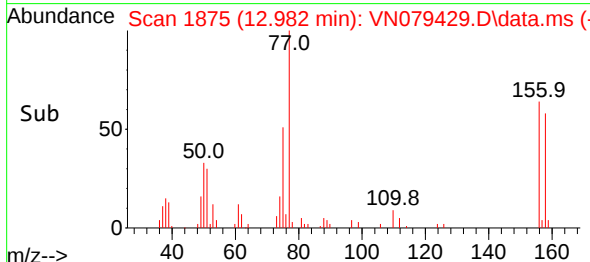
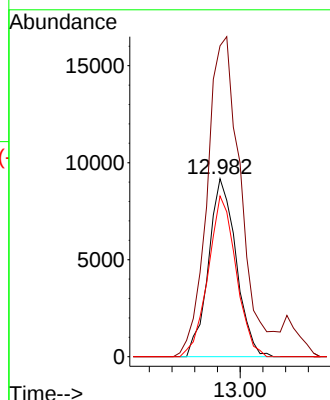
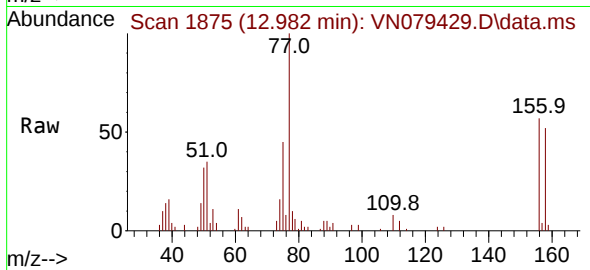
Tgt Ion:156 Resp: 15429
 Ion Ratio Lower Upper
 156 100
 77 221.8 107.7 323.3
 158 91.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 4.982 ug/l

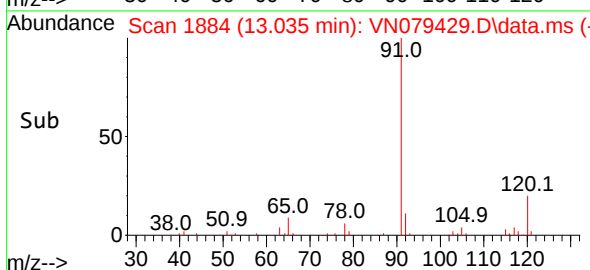
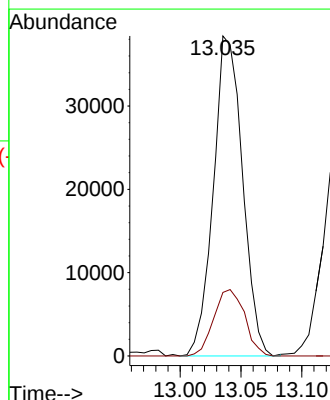
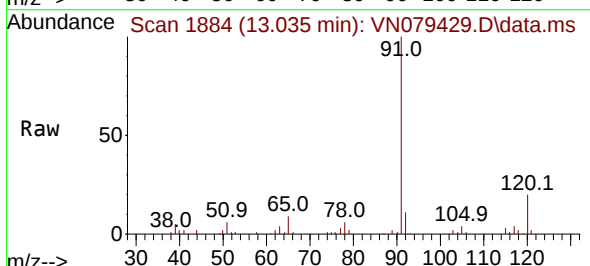
RT: 13.035 min Scan# 1884

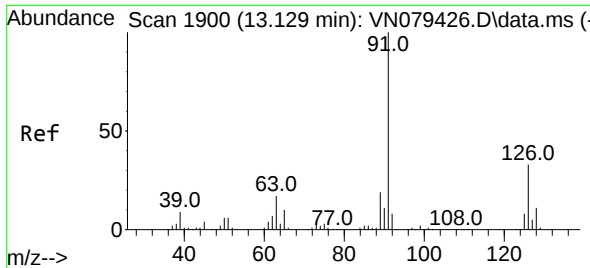
Delta R.T. -0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion: 91 Resp: 64024
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 5.161 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

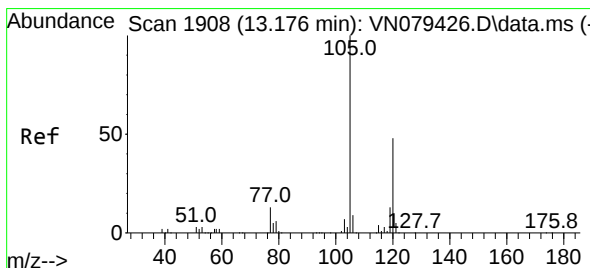
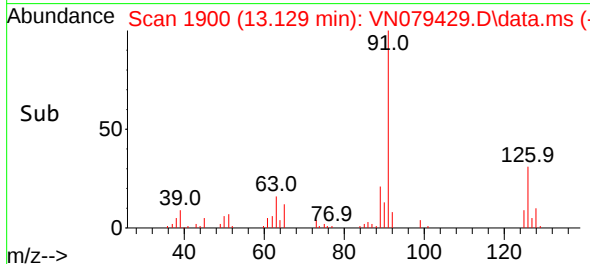
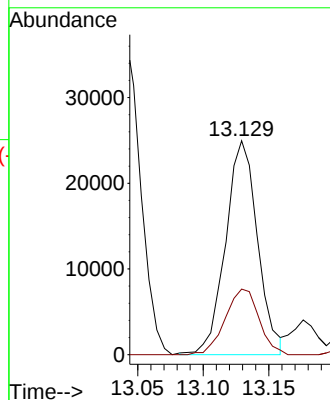
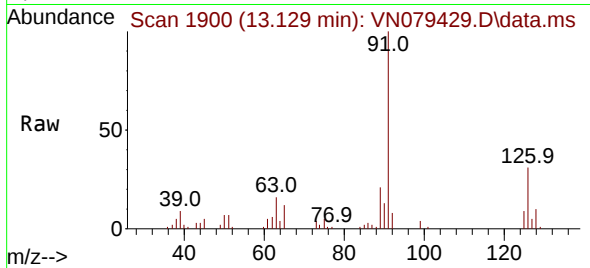
VSTDIC005

Tgt Ion: 91 Resp: 42438
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

Manual Integrations

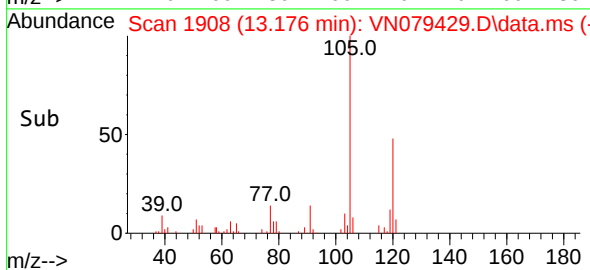
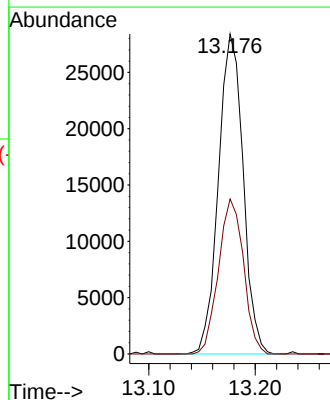
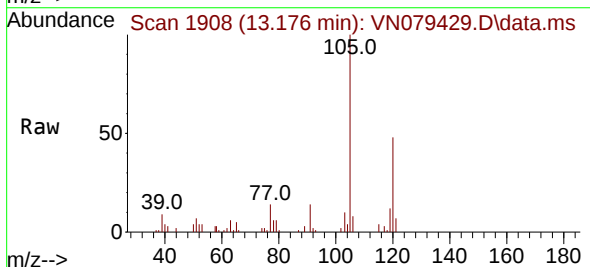
APPROVED

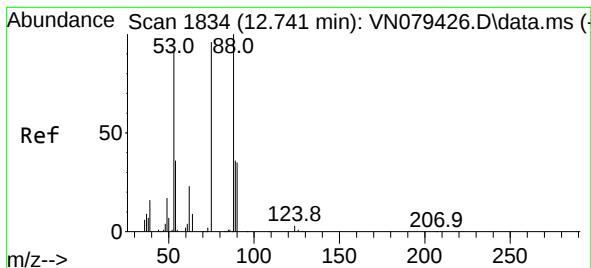
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.098 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

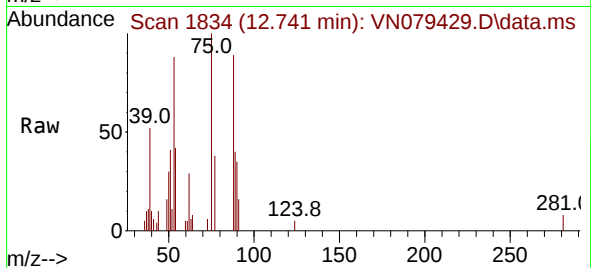
Tgt Ion:105 Resp: 45664
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.386 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

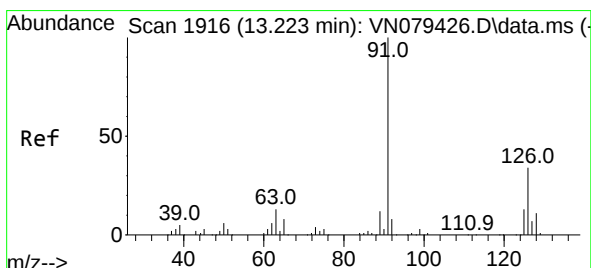
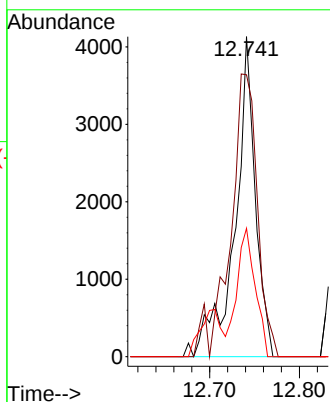
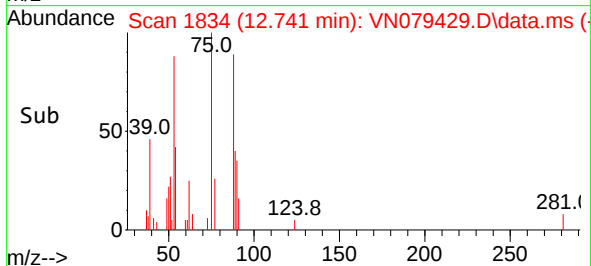
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



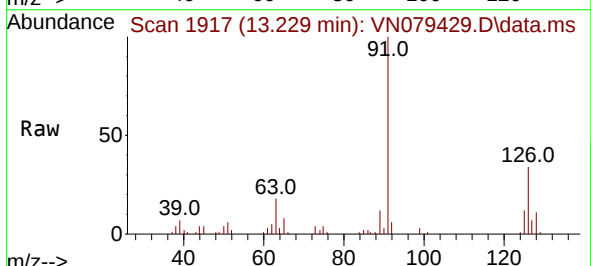
Tgt Ion: 75 Resp: 6534
Ion Ratio Lower Upper
75 100
53 111.3 67.4 101.2
89 36.0 38.8 58.2

Manual Integrations
APPROVED

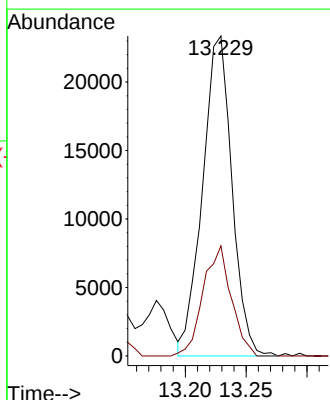
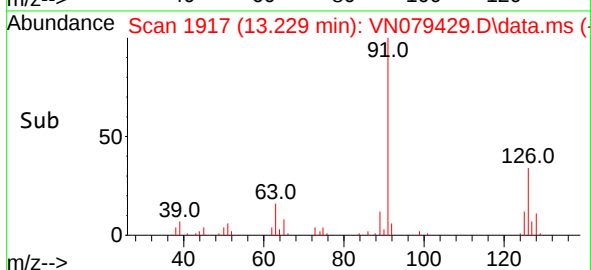
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

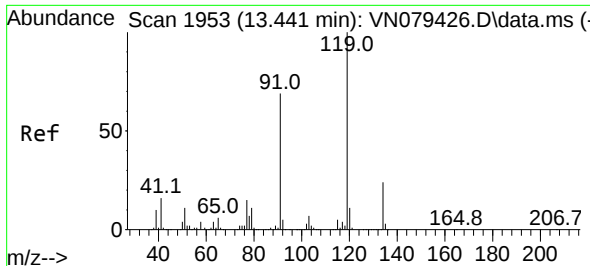


#82
4-Chlorotoluene
Concen: 5.018 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



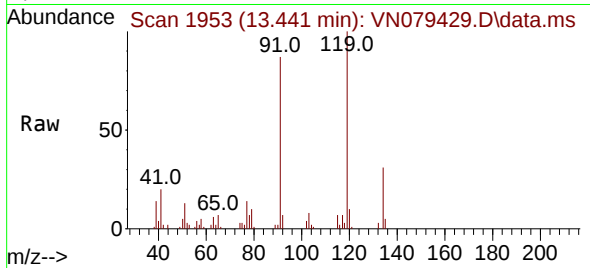
Tgt Ion: 91 Resp: 39266
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 5.106 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

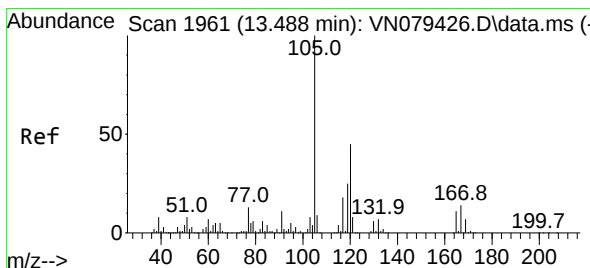
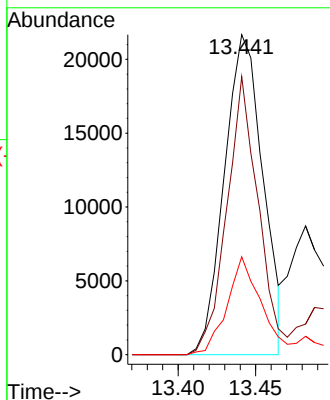
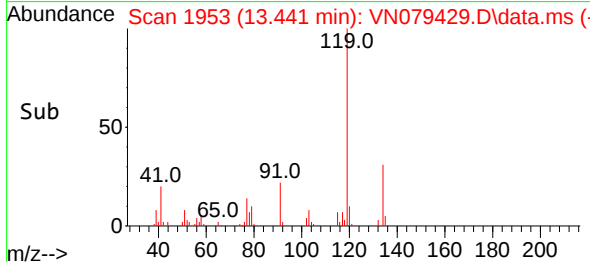
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



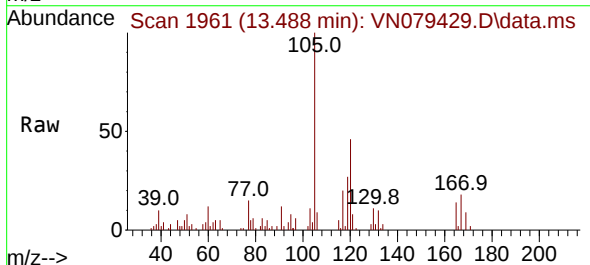
Tgt Ion:119 Resp: 3747
Ion Ratio Lower Upper
119 100
91 71.4 33.9 101.7
134 26.9 13.2 39.6

Manual Integrations
APPROVED

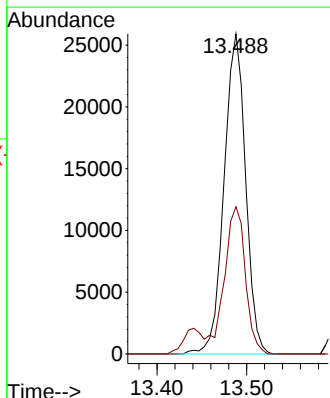
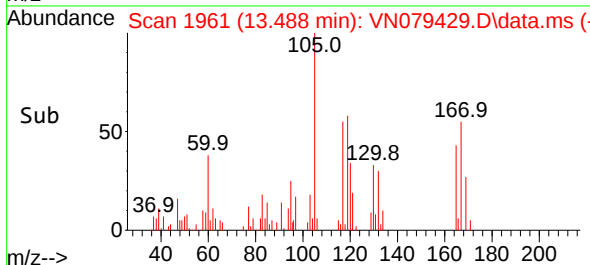
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

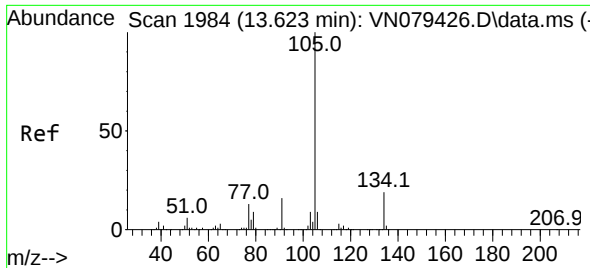


#84
1,2,4-Trimethylbenzene
Concen: 5.039 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03



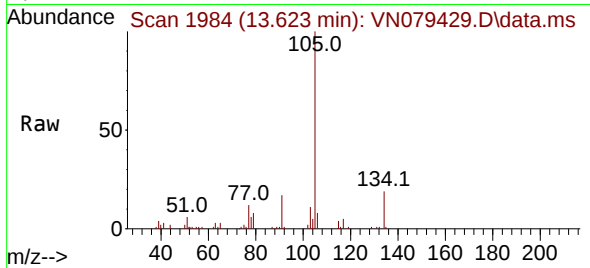
Tgt Ion:105 Resp: 43072
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 5.416 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079429.D
 Acq: 05 Oct 2023 19:03

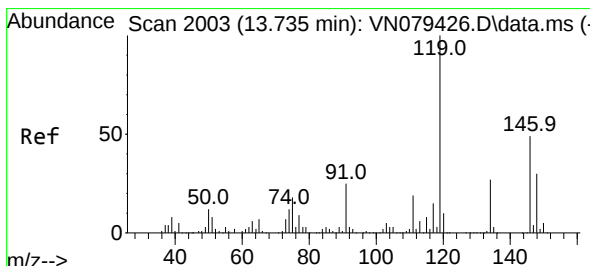
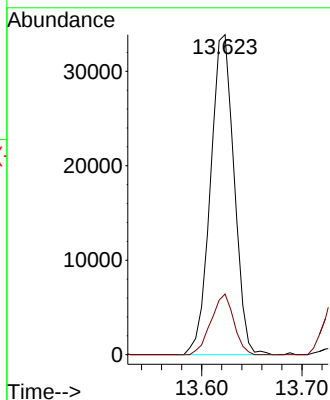
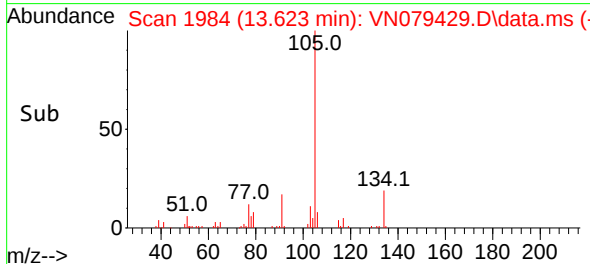
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



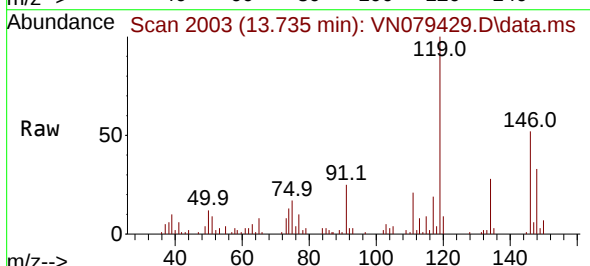
Tgt Ion:105 Resp: 55439
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.3

Manual Integrations
 APPROVED

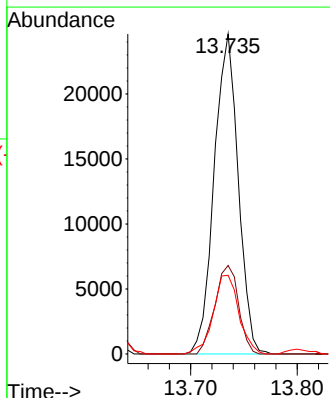
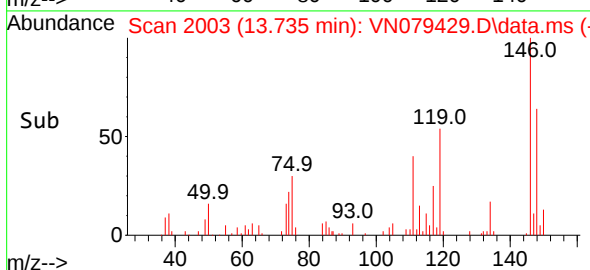
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023

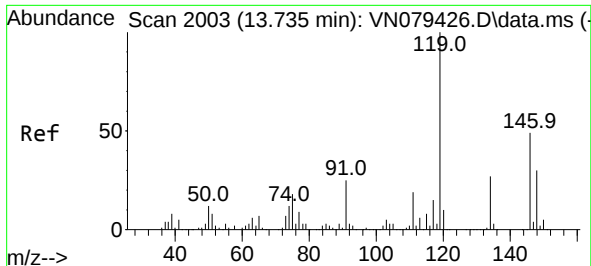


#86
 p-Isopropyltoluene
 Concen: 4.906 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079429.D
 Acq: 05 Oct 2023 19:03



Tgt Ion:119 Resp: 38524
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.6 37.8
 91 26.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.028 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 2221

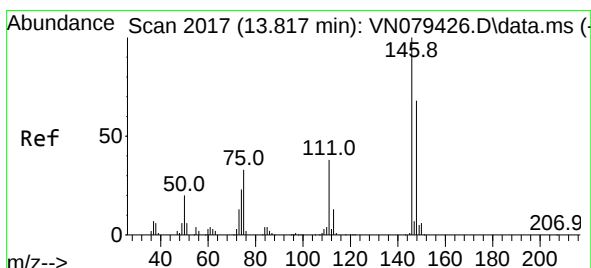
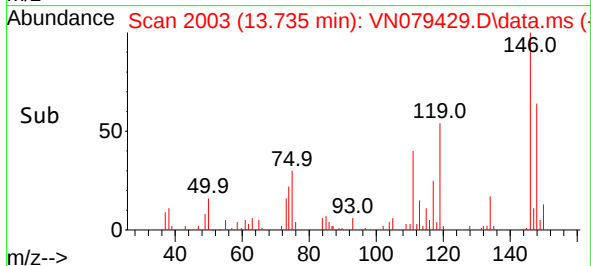
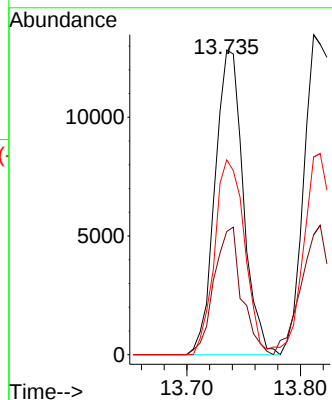
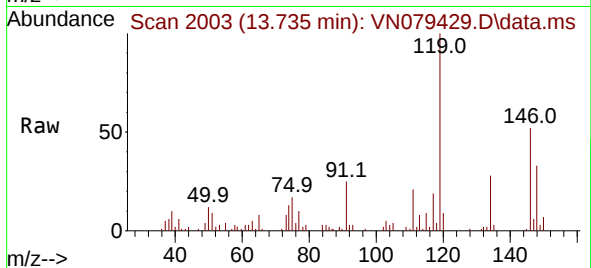
Ion	Ratio	Lower	Upper
146	100		
111	41.0	22.1	66.3
148	67.5	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 5.300 ug/l

RT: 13.812 min Scan# 2016

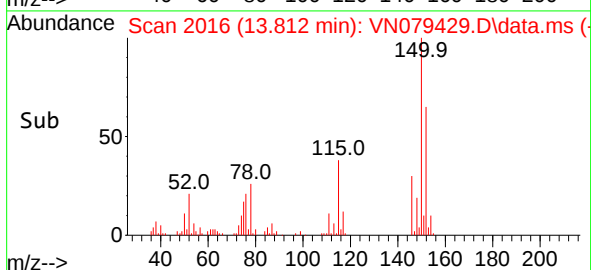
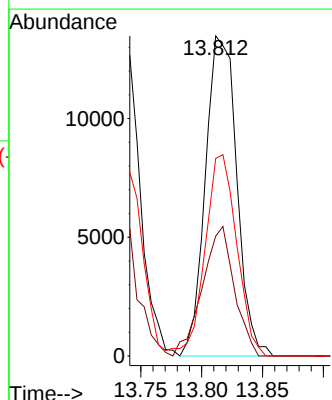
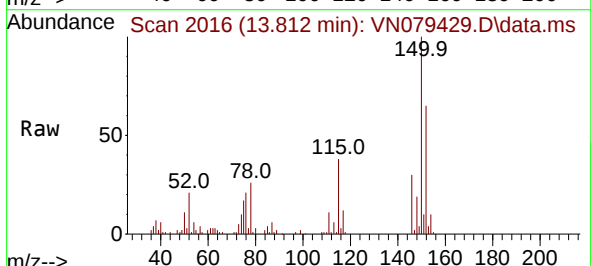
Delta R.T. -0.006 min

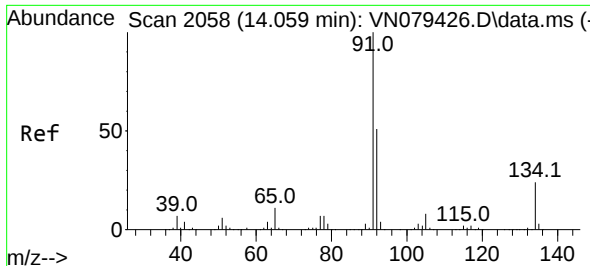
Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion:146 Resp: 24174

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	62.7	31.6	94.8





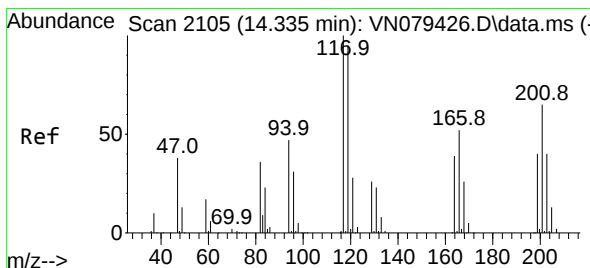
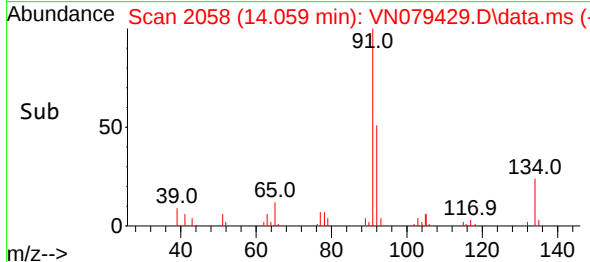
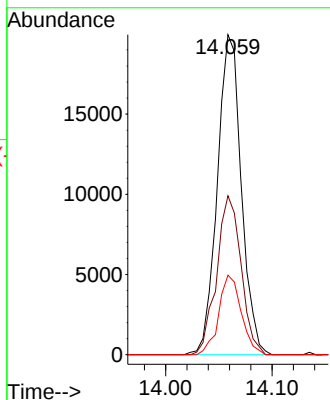
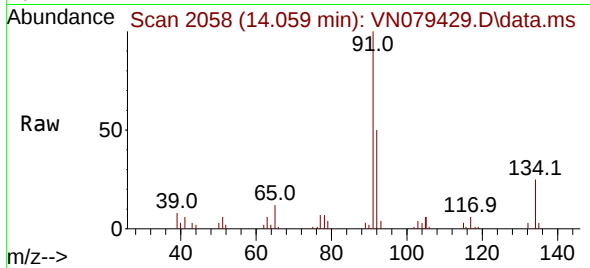
#89
n-Butylbenzene
Concen: 4.966 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 31140
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 23.4 12.6 37.6

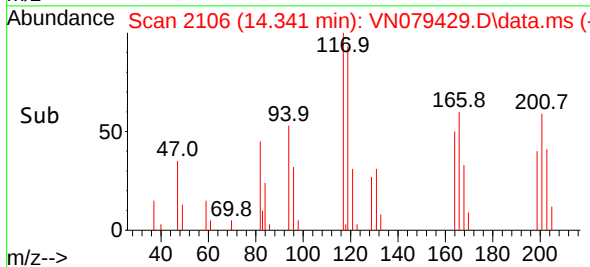
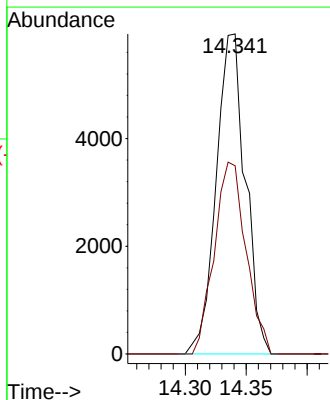
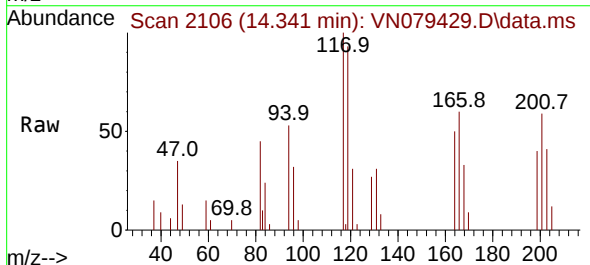
Manual Integrations
APPROVED

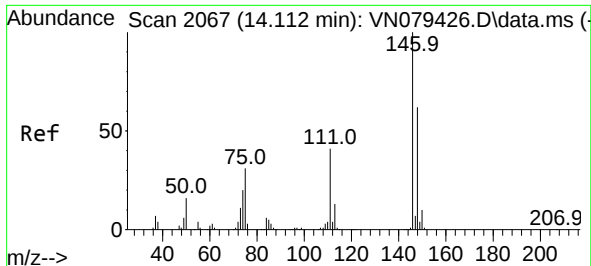
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 5.274 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079429.D
Acq: 05 Oct 2023 19:03

Tgt Ion:117 Resp: 9898
Ion Ratio Lower Upper
117 100
201 65.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 5.210 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

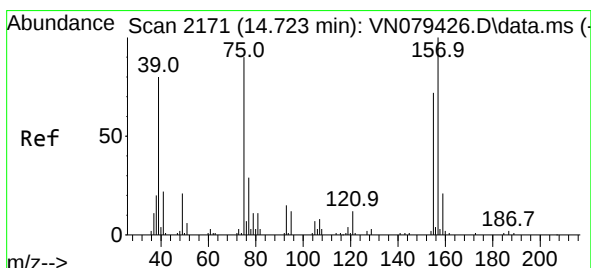
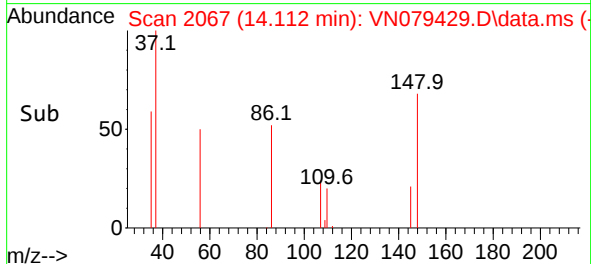
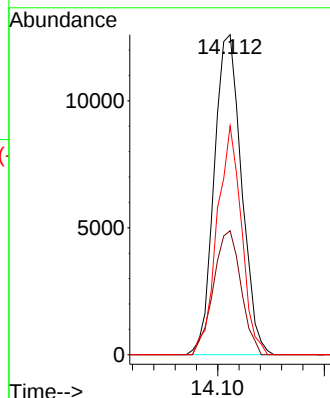
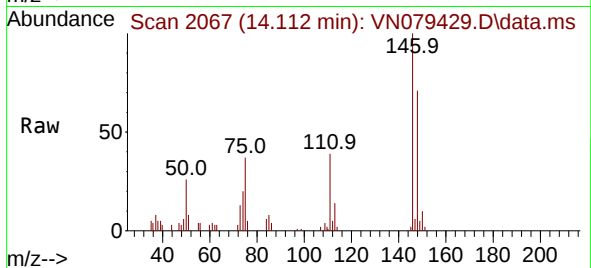
Tgt Ion:	146	Resp:	2244
Ion Ratio	Lower	Upper	
146	100		
111	39.0	22.0	66.0
148	63.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.991 ug/l

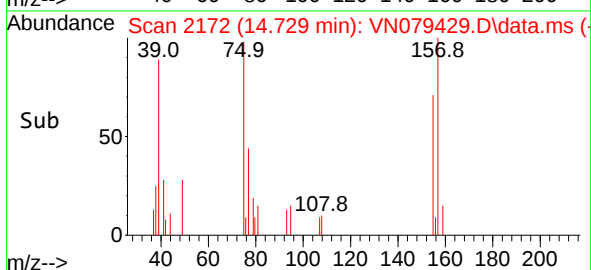
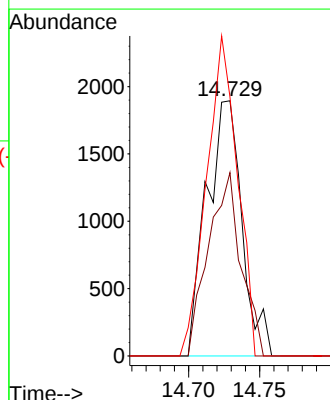
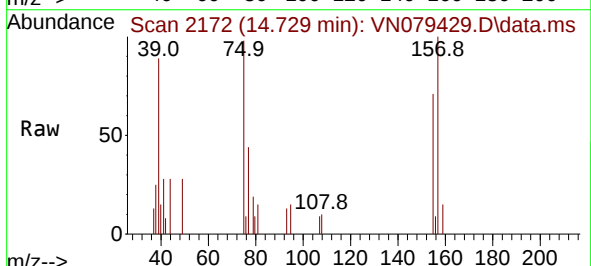
RT: 14.729 min Scan# 2172

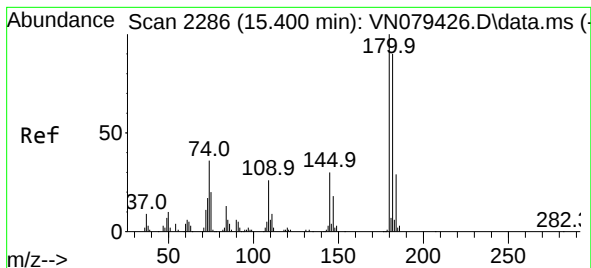
Delta R.T. 0.006 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion:	75	Resp:	3278
Ion Ratio	Lower	Upper	
75	100		
155	66.7	39.1	117.2
157	109.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 3.758 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

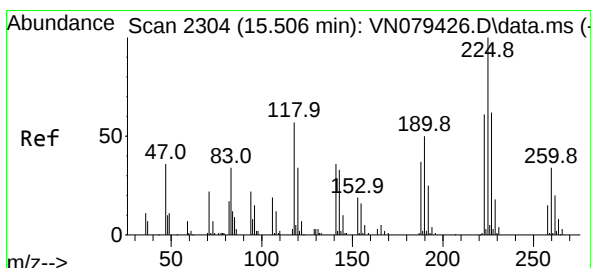
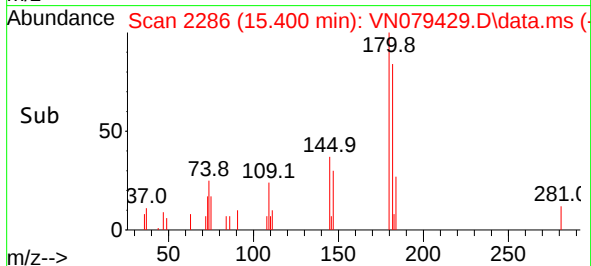
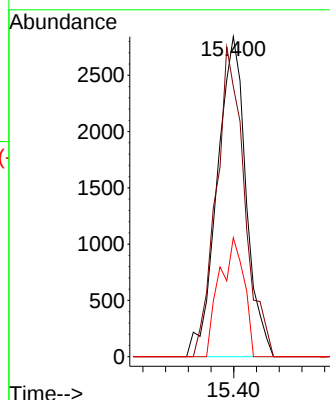
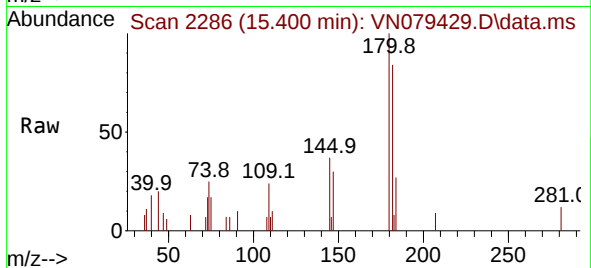
Tgt Ion:	180	Resp:	501
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.1	138.2
145	31.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 5.588 ug/l

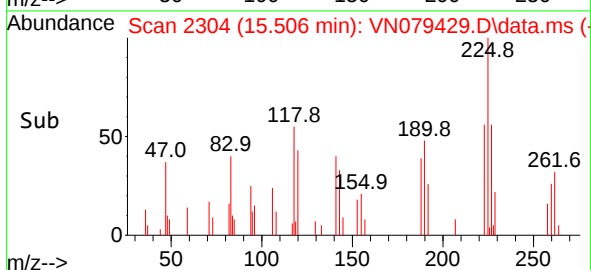
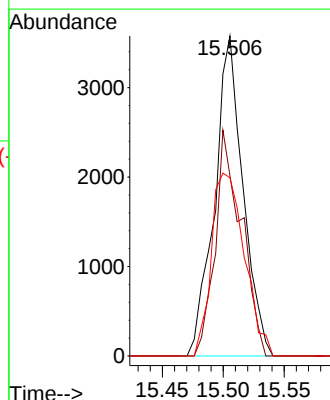
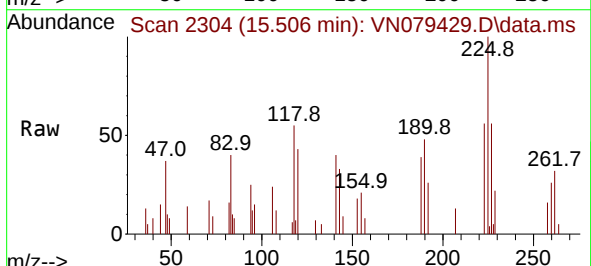
RT: 15.506 min Scan# 2304

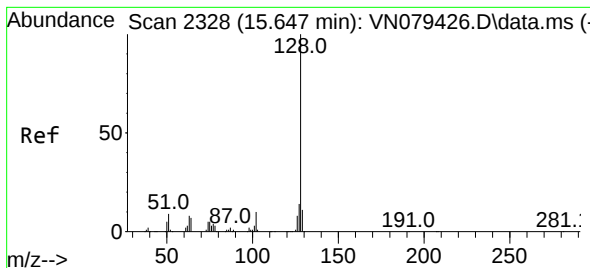
Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion:	225	Resp:	5808
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.3	93.8
227	66.6	31.9	95.9





#95

Naphthalene

Concen: 3.746 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

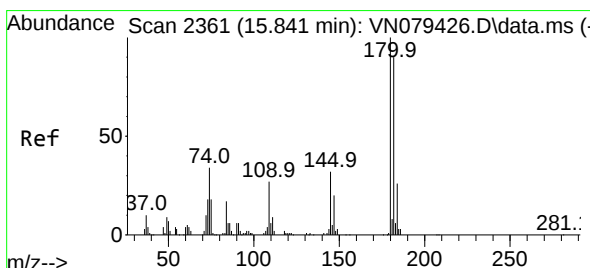
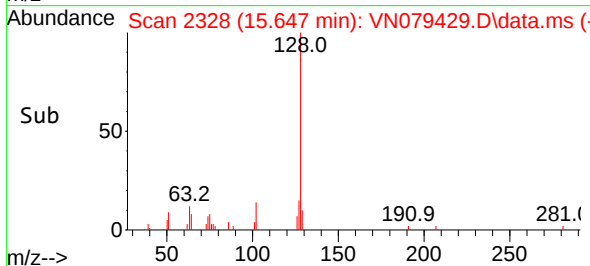
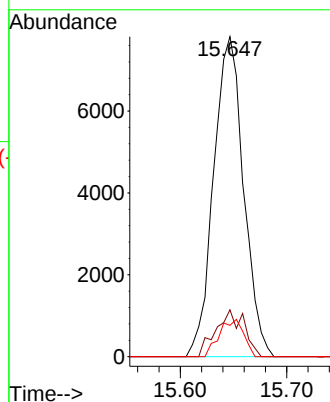
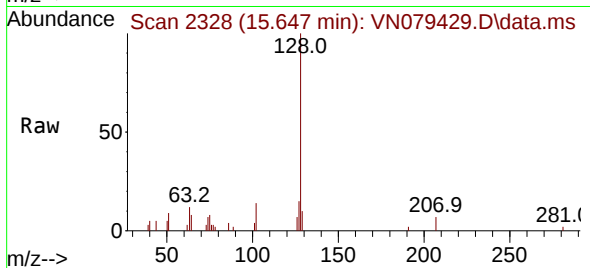
Tgt Ion:	128	Resp:	15264
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.0	15.0
129	9.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.140 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079429.D

Acq: 05 Oct 2023 19:03

Tgt Ion:	180	Resp:	6593
Ion Ratio	Lower	Upper	
180	100		
182	84.0	46.2	138.6
145	30.8	17.5	52.6

