

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077432.D
 Acq On : 24 Apr 2023 11:14
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 25 02:02:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	644414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1215461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1015747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	336080	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.137	85	6307	1.071	ug/l	92
3) Chloromethane	2.372	50	6719	1.040	ug/l	93
4) Vinyl Chloride	2.519	62	8074	0.938	ug/l #	75
6) Chloroethane	3.131	64	7739	1.184	ug/l	99
7) Trichlorofluoromethane	3.513	101	12190	0.964	ug/l	94
8) Diethyl Ether	3.966	74	4512	0.982	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	7661	1.042	ug/l	94
12) 1,1-Dichloroethene	4.348	96	7547m	1.044	ug/l	
14) Allyl chloride	5.031	41	7530	0.942	ug/l #	73
15) Acrylonitrile	5.737	53	15211	4.967	ug/l	99
16) Acetone	4.454	43	16537	6.182	ug/l #	76
17) Carbon Disulfide	4.731	76	19538	1.069	ug/l	97
18) Methyl Acetate	5.037	43	10738	1.039	ug/l #	71
19) Methyl tert-butyl Ether	5.807	73	23452	0.981	ug/l	92
20) Methylene Chloride	5.278	84	9949	1.173	ug/l #	85
21) trans-1,2-Dichloroethene	5.807	96	8289	1.066	ug/l #	66
22) Diisopropyl ether	6.678	45	17669	0.963	ug/l #	91
23) Vinyl Acetate	6.619	43	51592m	4.502	ug/l	
24) 1,1-Dichloroethane	6.578	63	12472	0.960	ug/l #	91
25) 2-Butanone	7.489	43	19029	5.015	ug/l	98
26) 2,2-Dichloropropane	7.495	77	12841	1.020	ug/l	99
27) cis-1,2-Dichloroethene	7.507	96	9946	1.080	ug/l	91
28) Bromochloromethane	7.825	49	5094	1.027	ug/l	94
29) Tetrahydrofuran	7.854	42	10974	4.616	ug/l	93
30) Chloroform	7.978	83	13796	0.942	ug/l #	83
32) 1,1,1-Trichloroethane	8.178	97	12088	0.898	ug/l #	36
36) 1,1-Dichloropropene	8.372	75	9756	0.924	ug/l	99
37) Ethyl Acetate	7.572	43	9281	1.157	ug/l	98
38) Carbon Tetrachloride	8.372	117	11116	0.955	ug/l #	78
39) Methylcyclohexane	9.601	83	13872	0.998	ug/l #	85
40) Benzene	8.607	78	30716	0.955	ug/l #	90
41) Methacrylonitrile	7.789	41	4144	0.992	ug/l #	89
42) 1,2-Dichloroethane	8.678	62	10995	0.996	ug/l	99
43) Isopropyl Acetate	8.695	43	12553	0.905	ug/l	93
44) Trichloroethene	9.354	130	7344	0.892	ug/l	99
45) 1,2-Dichloropropane	9.624	63	6903	0.917	ug/l	96

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Manual Integrations
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Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:02:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

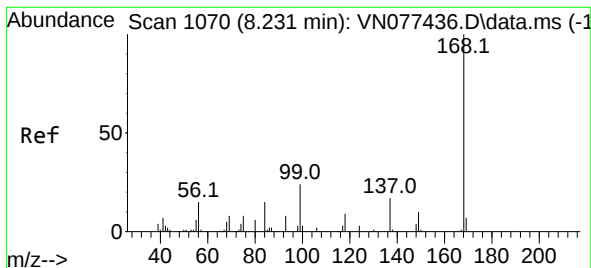
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.707	93	6415	1.050	ug/l	89
47) Bromodichloromethane	9.895	83	11174	0.945	ug/l #	81
48) Methyl methacrylate	9.683	41	7051	1.116	ug/l	88
49) 1,4-Dioxane	9.695	88	3175	20.042	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	39119	4.807	ug/l	97
52) Toluene	10.630	92	19014	0.903	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	10564	0.883	ug/l	89
54) cis-1,3-Dichloropropene	10.324	75	10903	0.837	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	8391	0.991	ug/l #	88
56) Ethyl methacrylate	10.871	69	10201	0.860	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	11709	0.868	ug/l #	82
58) 2-Chloroethyl Vinyl ether	10.160	63	17600	4.384	ug/l	93
59) 2-Hexanone	11.201	43	29369	4.965	ug/l	94
60) Dibromochloromethane	11.360	129	7963	0.906	ug/l	85
61) 1,2-Dibromoethane	11.471	107	8761	1.013	ug/l	87
64) Tetrachloroethene	11.101	164	6299	1.036	ug/l	90
65) Chlorobenzene	11.889	112	22706	1.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	8012	1.025	ug/l #	64
67) Ethyl Benzene	11.966	91	35198	0.930	ug/l	97
68) m/p-Xylenes	12.066	106	27448	1.866	ug/l	95
69) o-Xylene	12.401	106	13414	0.927	ug/l	95
70) Styrene	12.413	104	18983	0.839	ug/l	91
71) Bromoform	12.577	173	4836	0.945	ug/l #	28
73) Isopropylbenzene	12.701	105	31216	1.001	ug/l	100
74) N-amyl acetate	12.501	43	10687	1.157	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.936	83	11622	1.186	ug/l	95
76) 1,2,3-Trichloropropane	12.989	75	8824m	1.105	ug/l	
77) Bromobenzene	12.983	156	7423	1.092	ug/l	93
78) n-propylbenzene	13.042	91	35282	1.023	ug/l	98
79) 2-Chlorotoluene	13.130	91	21905	1.030	ug/l	93
80) 1,3,5-Trimethylbenzene	13.183	105	19267	0.832	ug/l	93
82) 4-Chlorotoluene	13.230	91	20363	1.025	ug/l	96
83) tert-Butylbenzene	13.442	119	23618	1.050	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	17636	0.815	ug/l	94
85) sec-Butylbenzene	13.618	105	28271	0.916	ug/l	90
86) p-Isopropyltoluene	13.736	119	21606	0.910	ug/l	97
87) 1,3-Dichlorobenzene	13.730	146	13329	1.103	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	13477m	1.130	ug/l	
89) n-Butylbenzene	14.065	91	16045	0.873	ug/l	93
90) Hexachloroethane	14.336	117	5927	1.129	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	13538	1.129	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.724	75	2201	1.215	ug/l	90
93) 1,2,4-Trichlorobenzene	15.377	180	3361	2.158	ug/l	97
94) Hexachlorobutadiene	15.465	225	2463	1.017	ug/l	95
95) Naphthalene	15.589	128	11819	2.434	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.754	180	3913	2.201	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

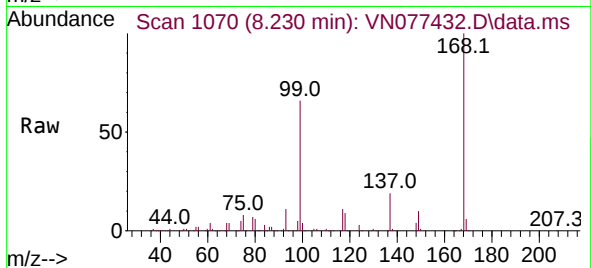
Quant Time: Apr 25 02:02:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

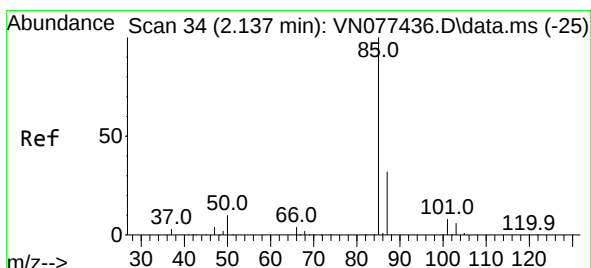
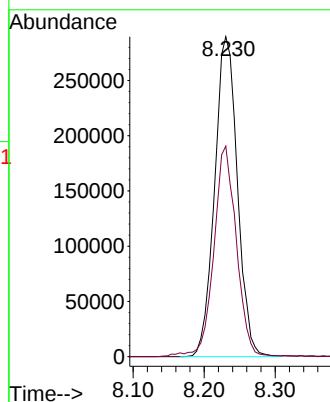
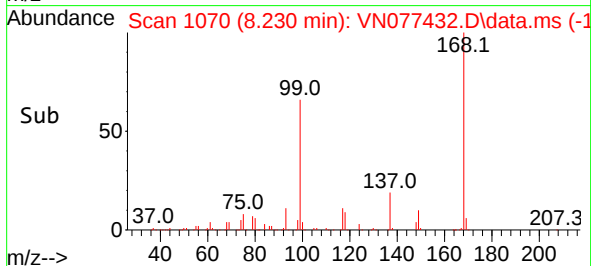
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 644414
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6

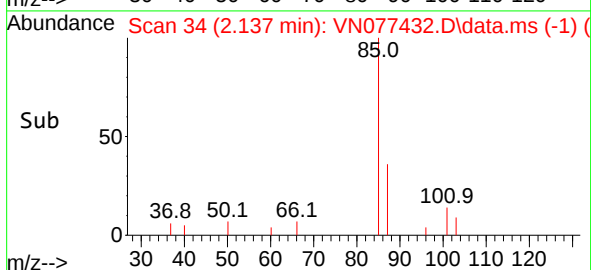
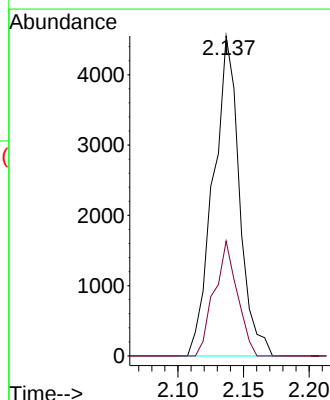
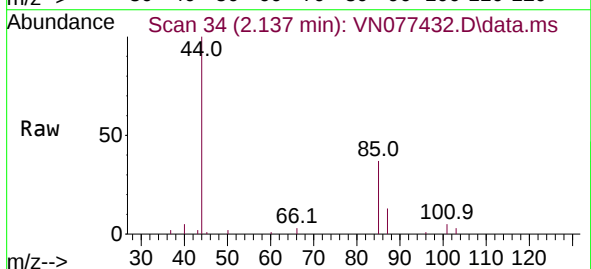
Manual Integrations
APPROVED

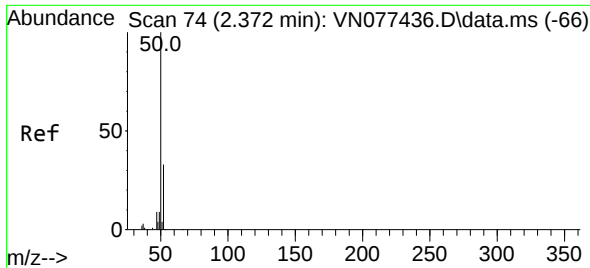
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#2
Dichlorodifluoromethane
Concen: 1.071 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

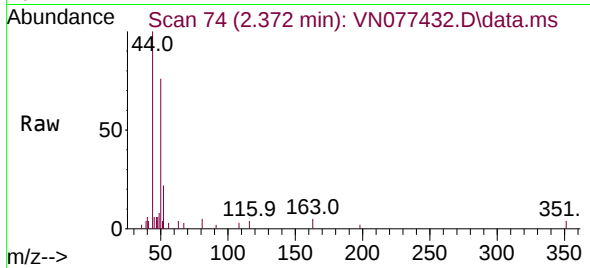
Tgt Ion: 85 Resp: 6307
Ion Ratio Lower Upper
85 100
87 35.9 15.8 47.4





#3
Chloromethane
Concen: 1.040 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

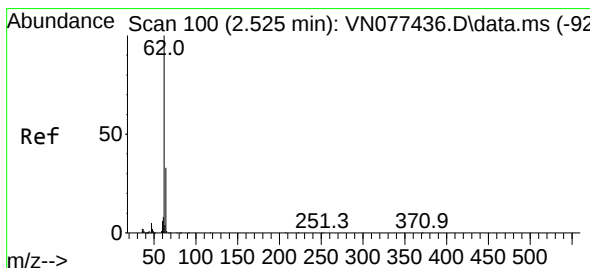
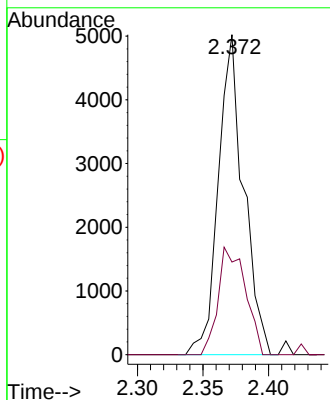
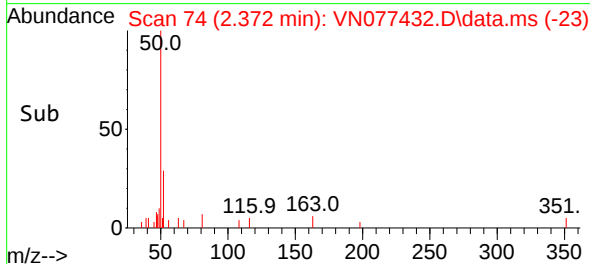
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



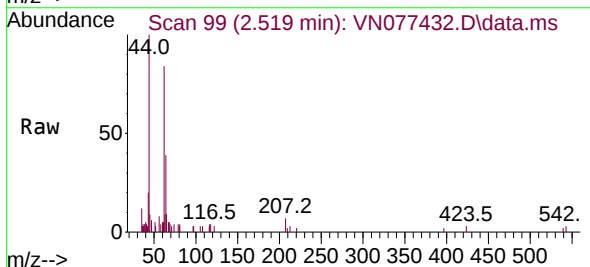
Tgt Ion: 50 Resp: 6719
Ion Ratio Lower Upper
50 100
52 28.9 26.5 39.7

Manual Integrations
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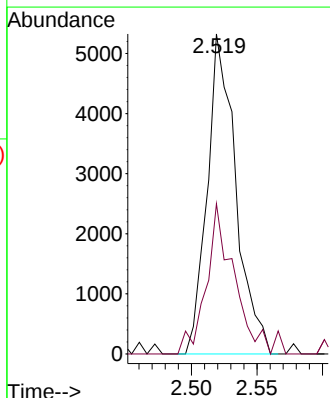
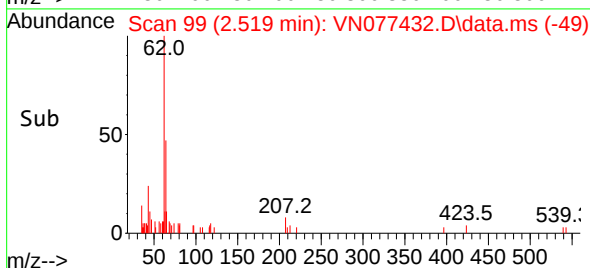
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

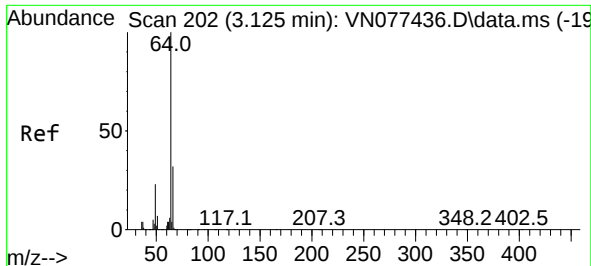


#4
Vinyl Chloride
Concen: 0.938 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14



Tgt Ion: 62 Resp: 8074
Ion Ratio Lower Upper
62 100
64 47.0 26.2 39.2#





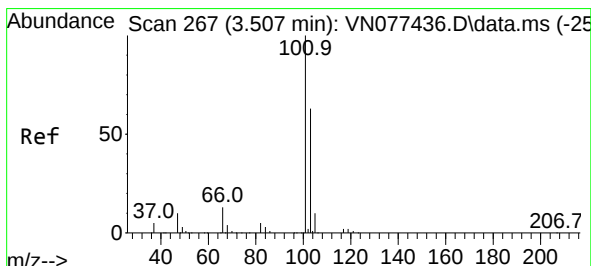
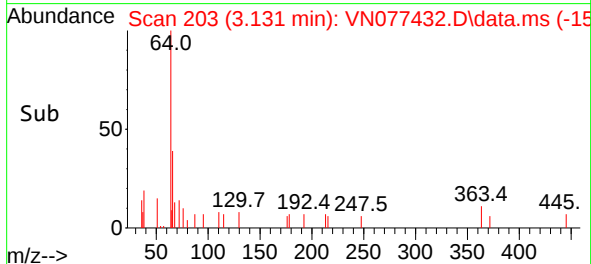
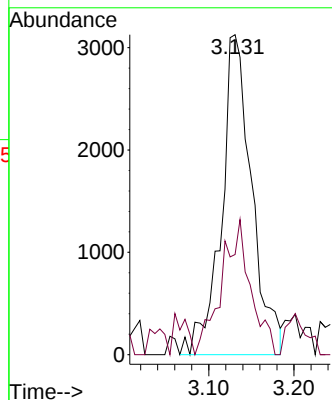
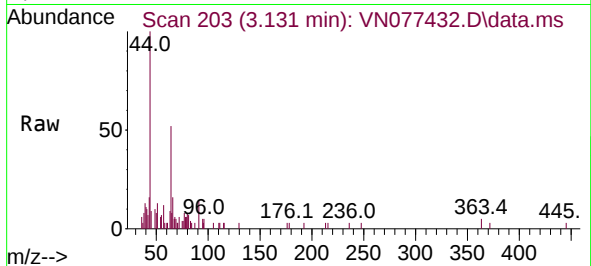
#6
Chloroethane
Concen: 1.184 ug/l
RT: 3.131 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 7739
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2

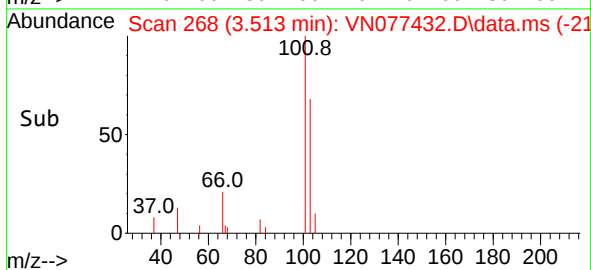
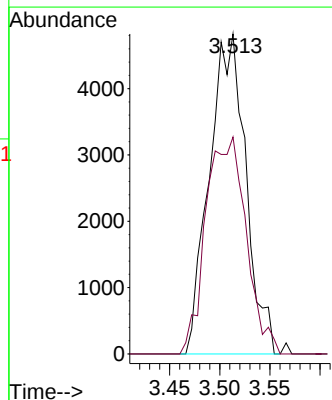
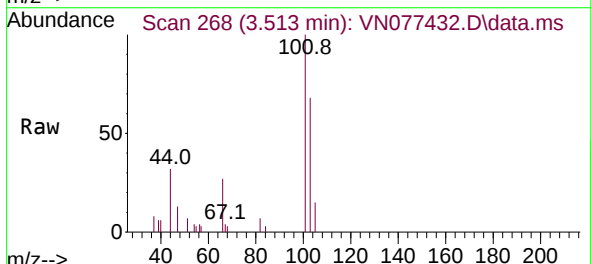
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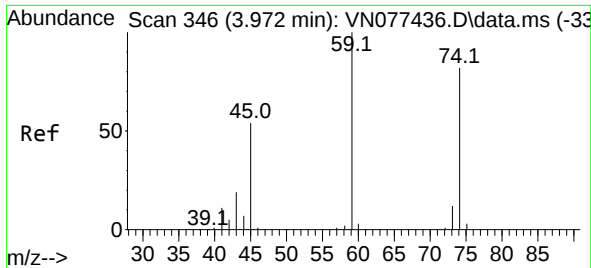
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#7
Trichlorofluoromethane
Concen: 0.964 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion:101 Resp: 12190
Ion Ratio Lower Upper
101 100
103 67.8 50.7 76.1





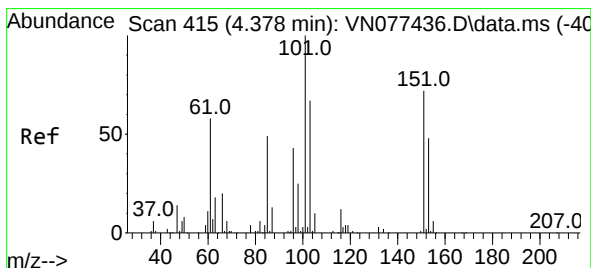
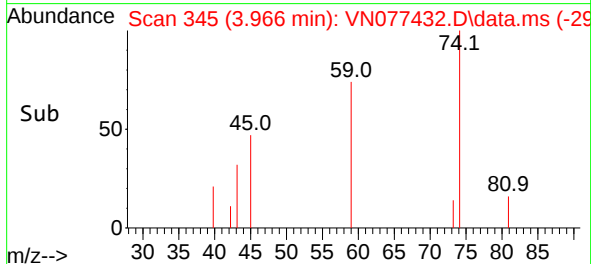
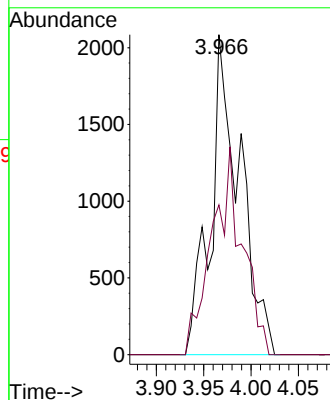
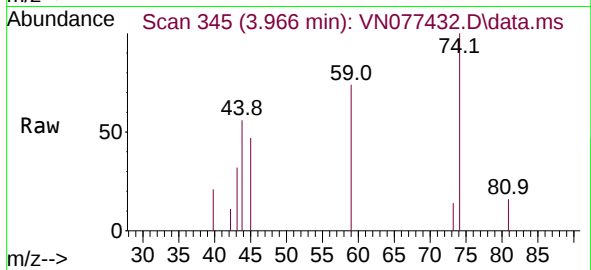
#8
Diethyl Ether
Concen: 0.982 ug/l
RT: 3.966 min Scan# 346
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 4512
Ion Ratio Lower Upper
74 100
45 66.8 34.4 103.3

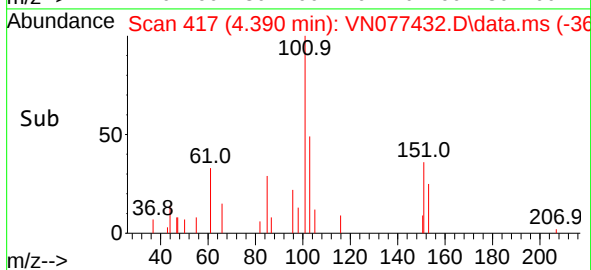
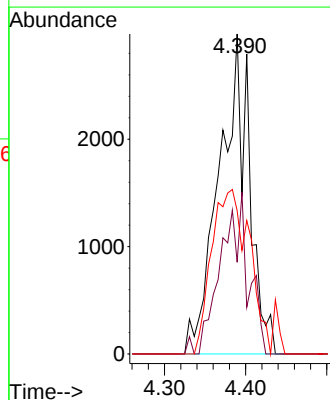
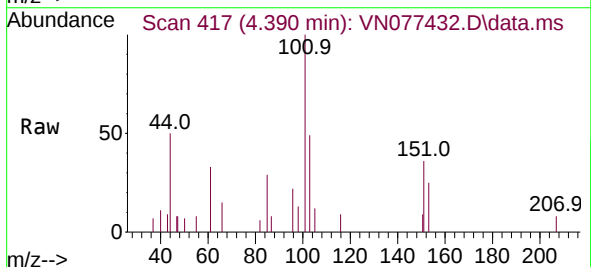
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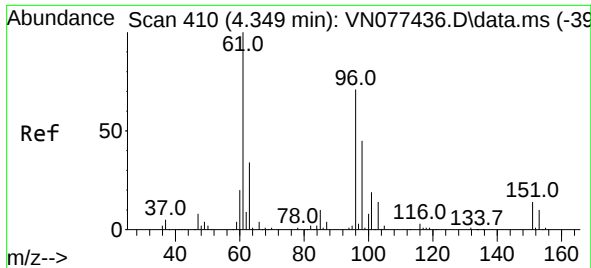
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.042 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.012 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

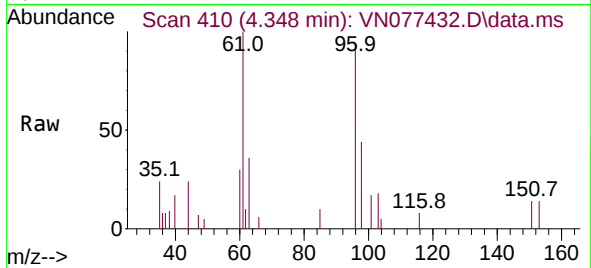
Tgt Ion:101 Resp: 7661
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 64.8 57.6 86.4





#12
1,1-Dichloroethene
Concen: 1.044 ug/l m
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

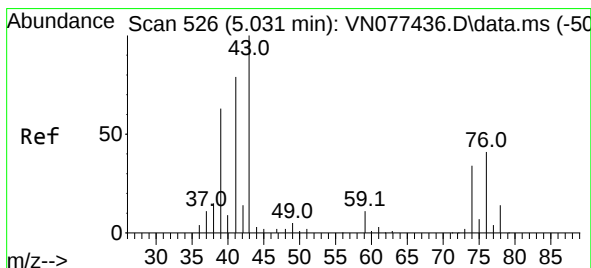
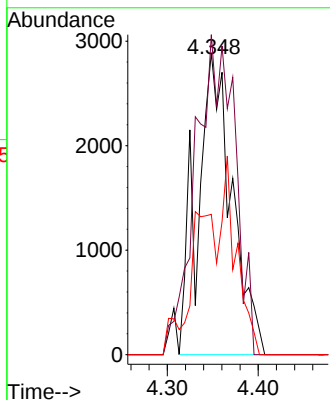
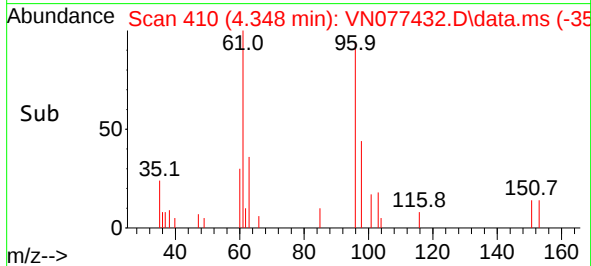
Instrument :
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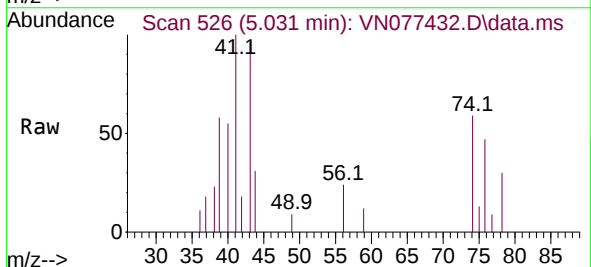
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Ion Ratio Lower Upper
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98 46.5 51.2 76.8

Manual Integrations
APPROVED

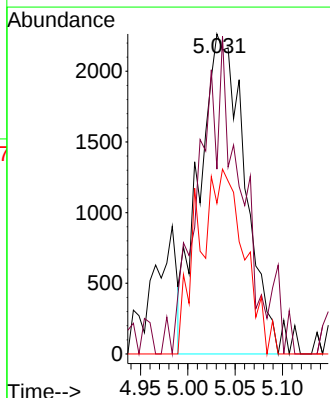
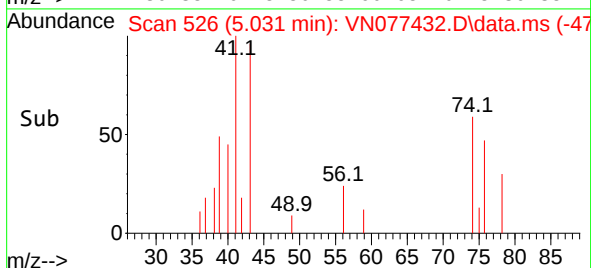
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

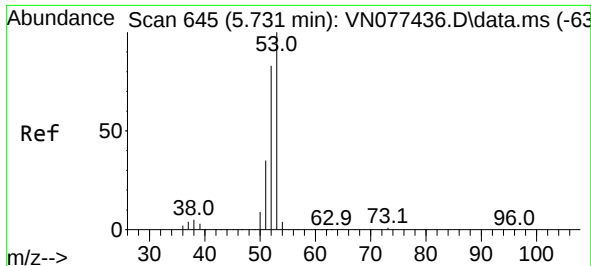


#14
Allyl chloride
Concen: 0.942 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14



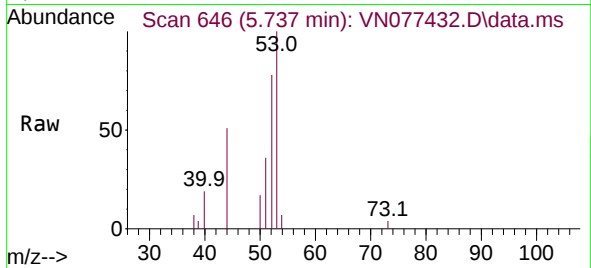
Tgt Ion: 41 Resp: 7530
Ion Ratio Lower Upper
41 100
39 43.7 58.8 88.2#
76 58.9 39.1 58.7#





#15
Acrylonitrile
Concen: 4.967 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

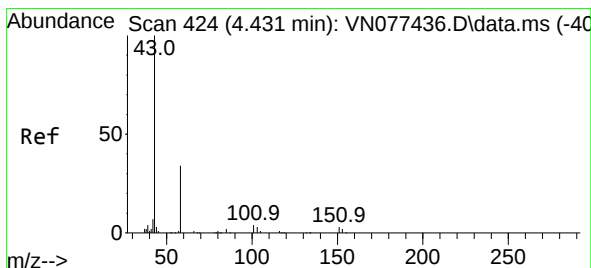
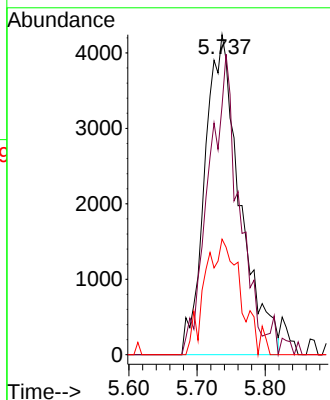
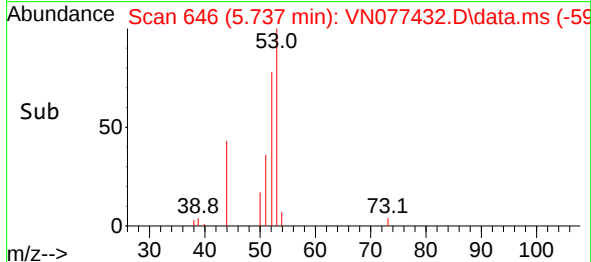
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



Tgt Ion: 53	Resp: 1521
Ion Ratio	Lower Upper
53	100
52	80.4 65.3 97.9
51	35.6 28.9 43.3

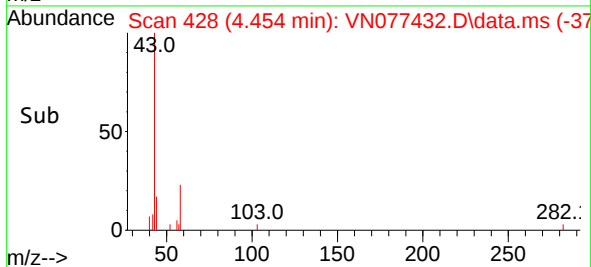
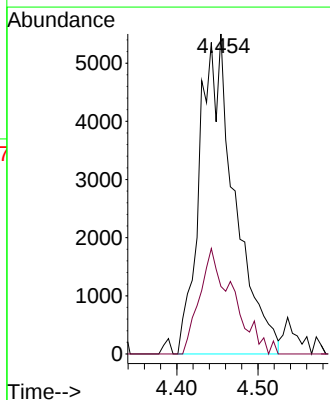
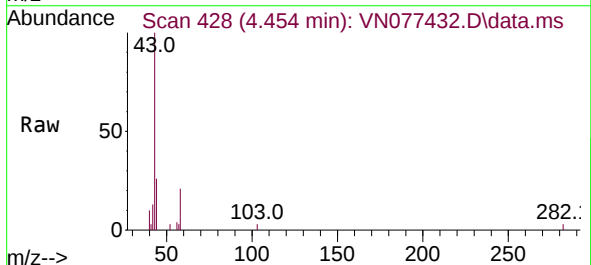
Manual Integrations
APPROVED

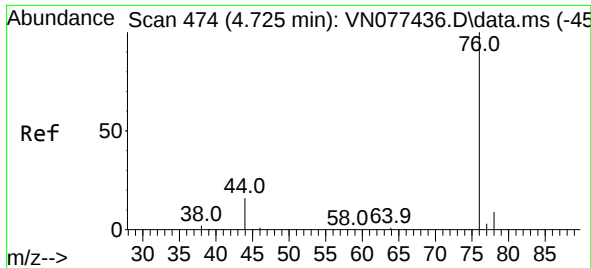
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#16
Acetone
Concen: 6.182 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.023 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 43	Resp: 16537
Ion Ratio	Lower Upper
43	100
58	21.1 28.0 42.0#





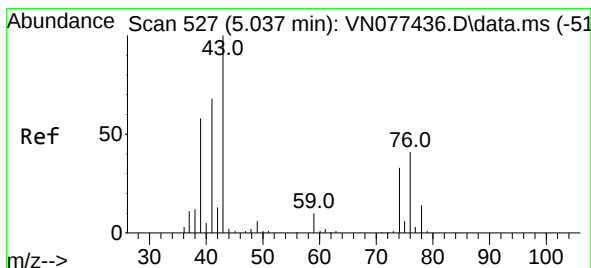
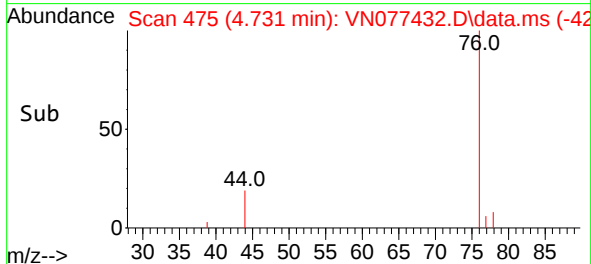
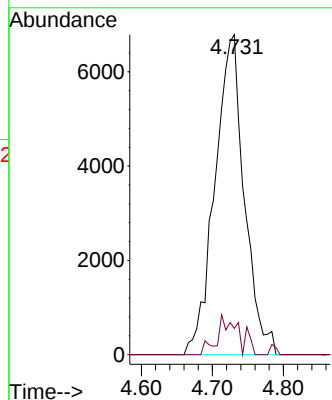
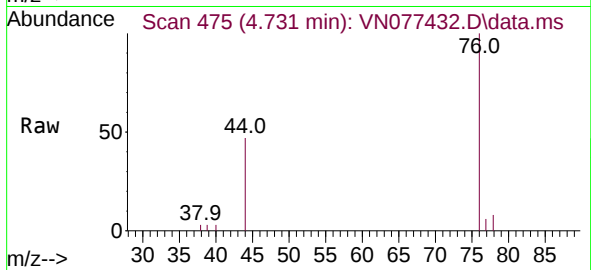
#17
Carbon Disulfide
Concen: 1.069 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 19538
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

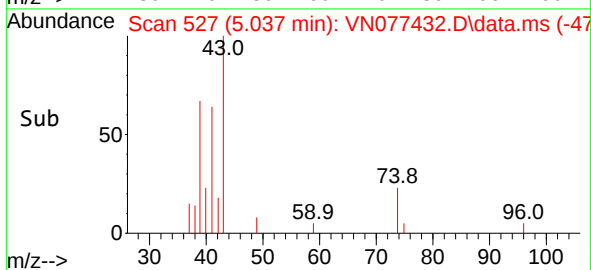
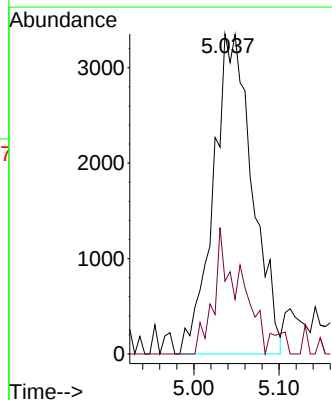
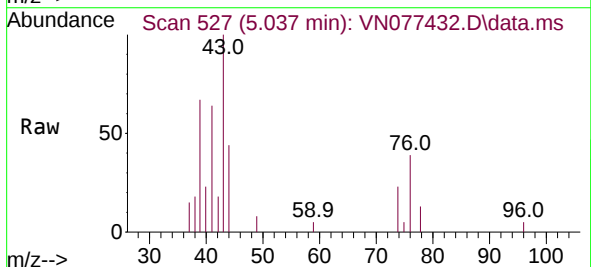
Manual Integrations
APPROVED

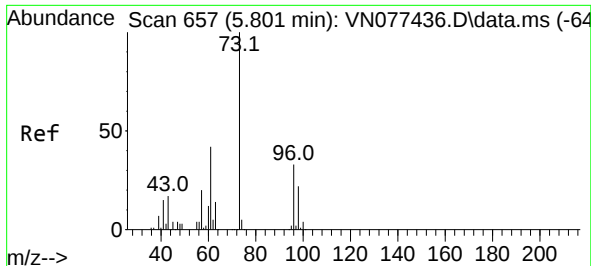
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#18
Methyl Acetate
Concen: 1.039 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 43 Resp: 10738
Ion Ratio Lower Upper
43 100
74 16.3 26.2 39.4#





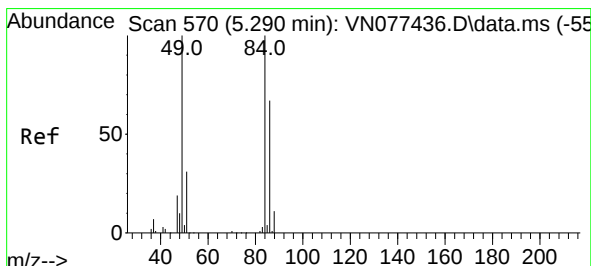
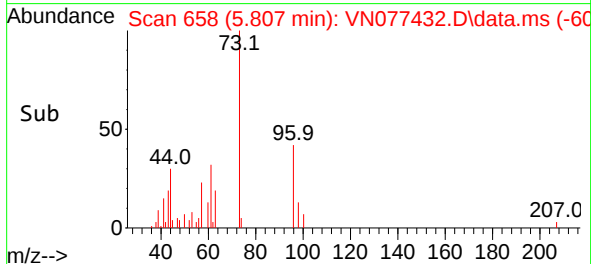
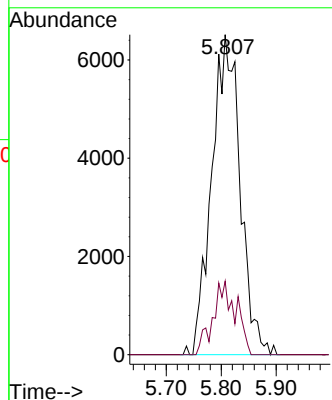
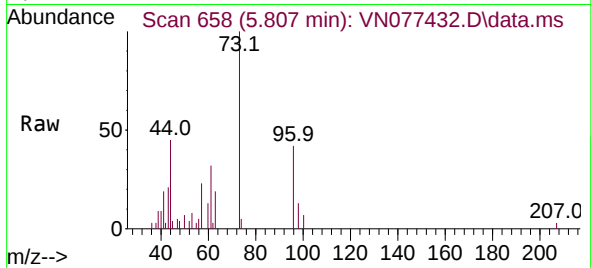
#19
Methyl tert-butyl Ether
Concen: 0.981 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 2345
Ion Ratio Lower Upper
73 100
57 23.0 15.6 23.4

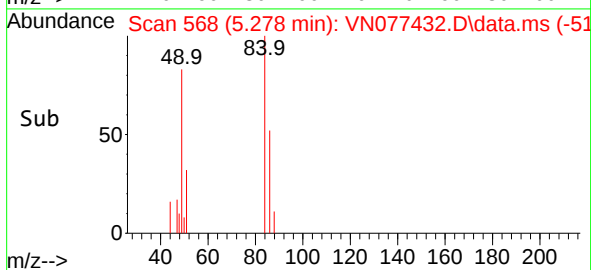
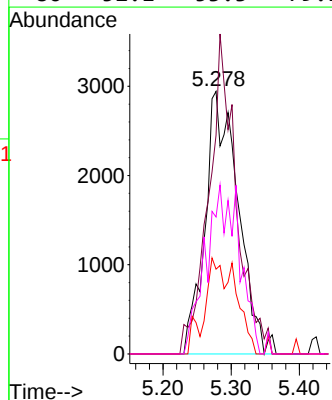
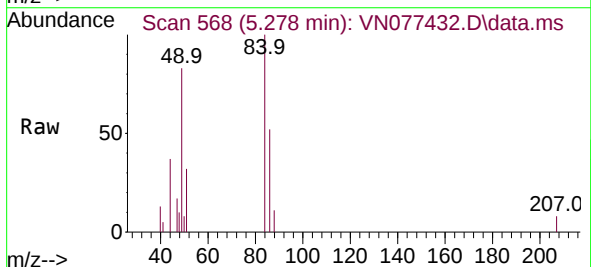
Manual Integrations
APPROVED

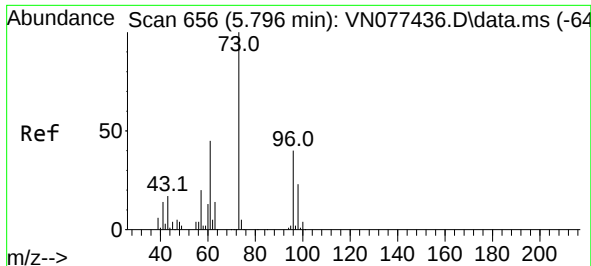
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#20
Methylene Chloride
Concen: 1.173 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 84 Resp: 9949
Ion Ratio Lower Upper
84 100
49 83.3 79.7 119.5
51 32.3 25.2 37.8
86 52.1 53.3 79.9#





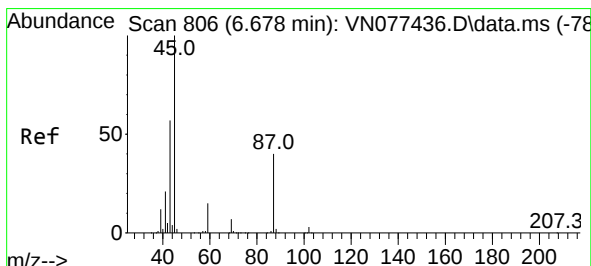
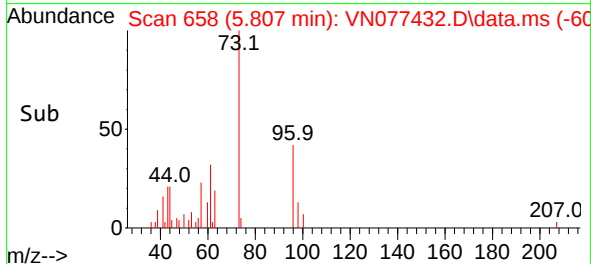
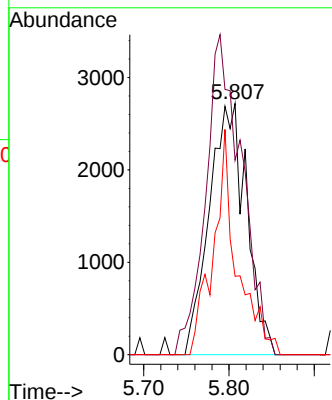
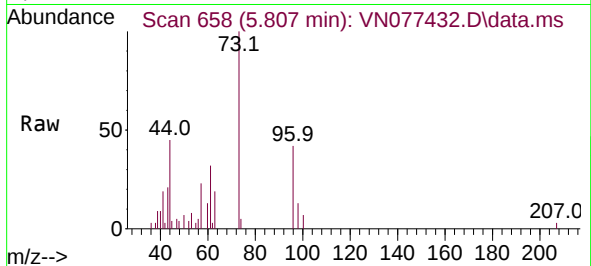
#21
trans-1,2-Dichloroethene
Concen: 1.066 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 8289
Ion Ratio Lower Upper
96 100
61 77.4 90.1 135.1
98 31.2 46.4 69.6

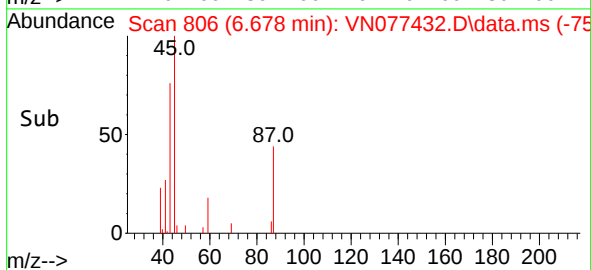
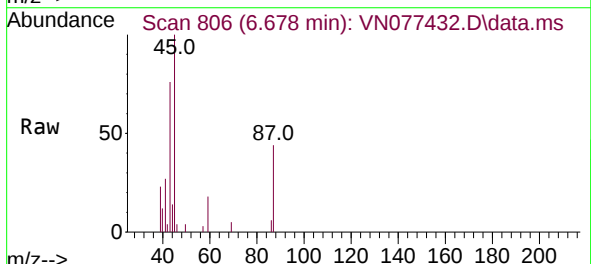
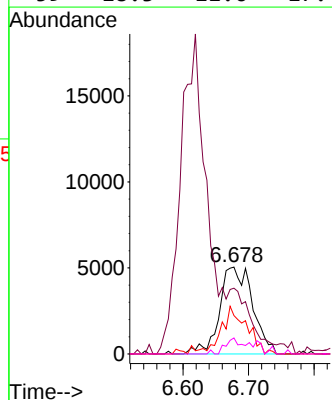
Manual Integrations
APPROVED

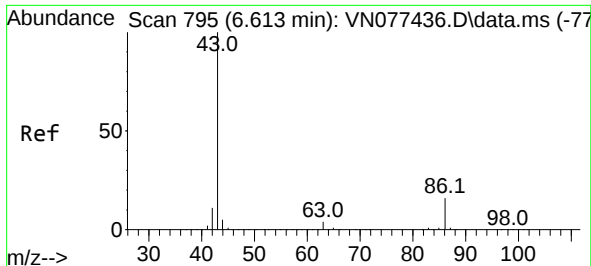
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#22
Diisopropyl ether
Concen: 0.963 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 45 Resp: 17669
Ion Ratio Lower Upper
45 100
43 63.7 45.5 68.3
87 44.3 31.8 47.8
59 18.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 4.502 ug/l m
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

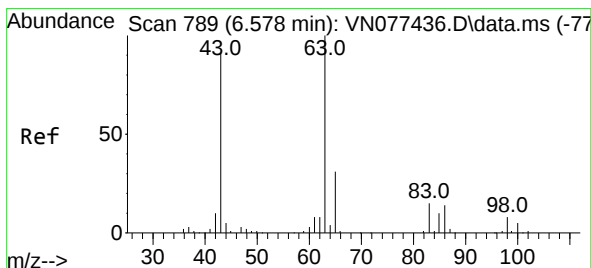
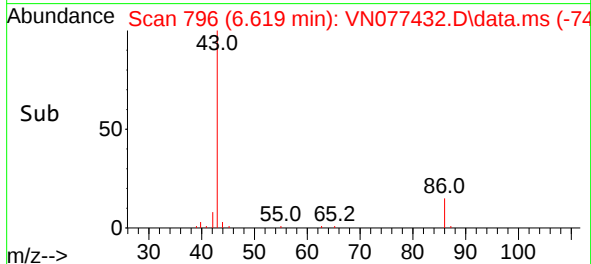
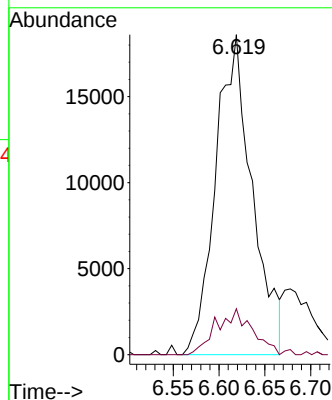
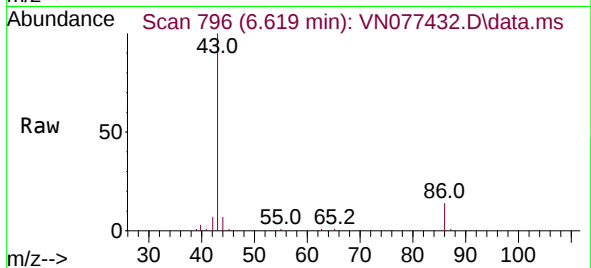
VSTDICC001

Tgt Ion: 43 Resp: 51592
 Ion Ratio Lower Upper
 43 100
 86 14.3 13.0 19.6

Manual Integrations

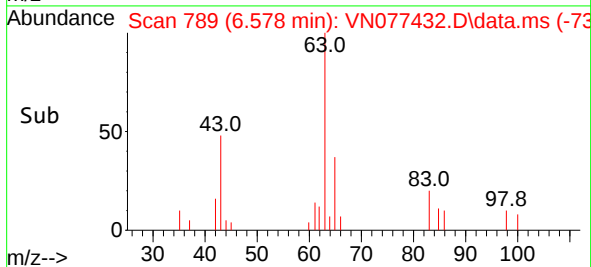
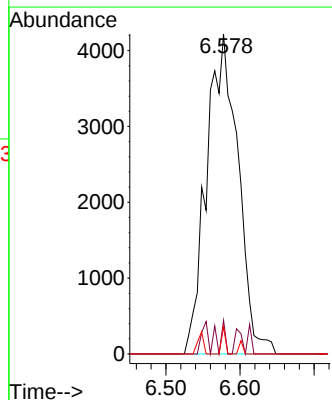
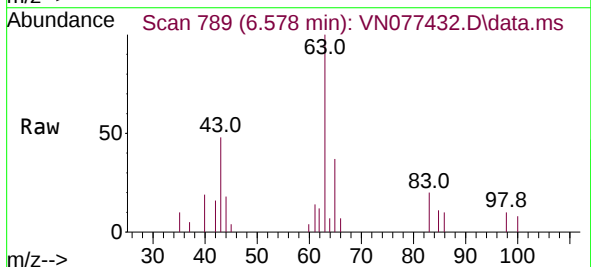
APPROVED

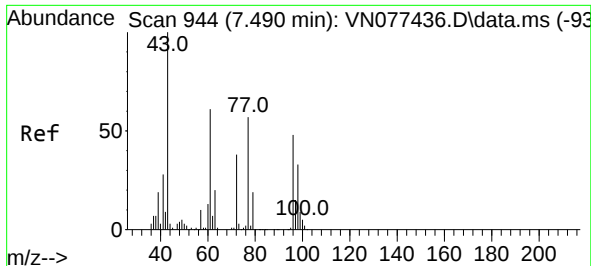
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#24
 1,1-Dichloroethane
 Concen: 0.960 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Tgt Ion: 63 Resp: 12472
 Ion Ratio Lower Upper
 63 100
 98 10.5 3.9 11.7
 100 8.4 2.5 7.4#





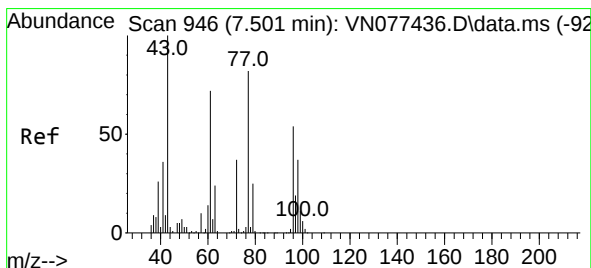
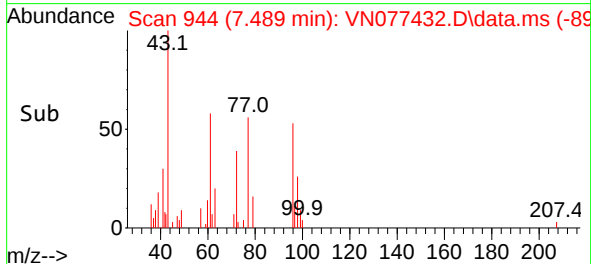
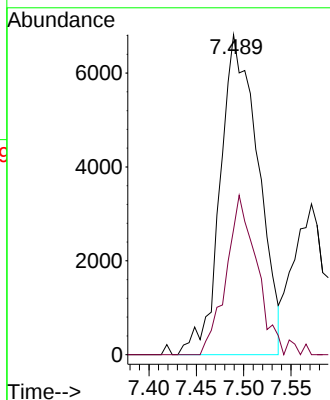
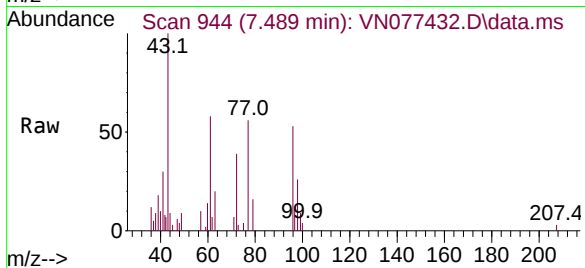
#25
2-Butanone
Concen: 5.015 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 19029
Ion Ratio Lower Upper
43 100
72 39.1 30.2 45.2

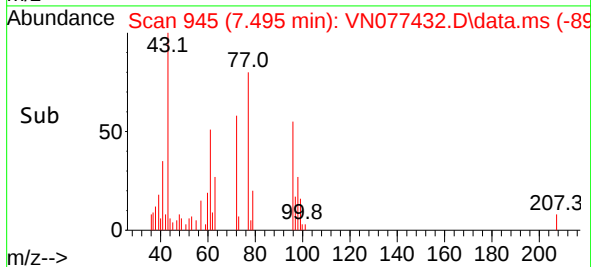
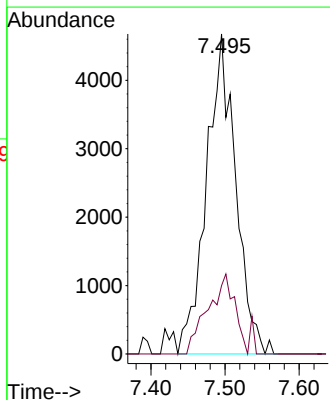
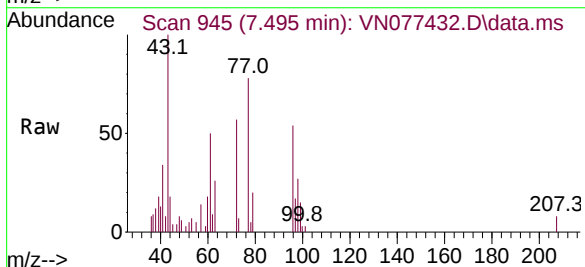
Manual Integrations
APPROVED

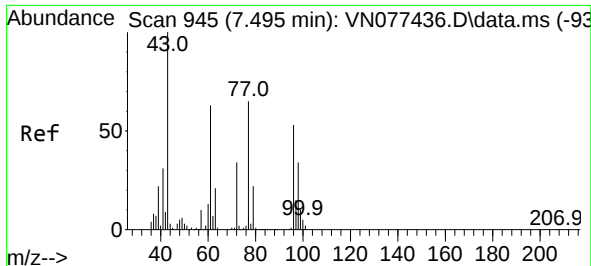
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#26
2,2-Dichloropropane
Concen: 1.020 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 77 Resp: 12841
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.080 ug/l

RT: 7.507 min Scan# 94

Delta R.T. 0.012 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

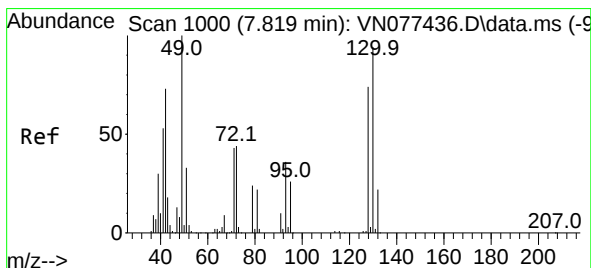
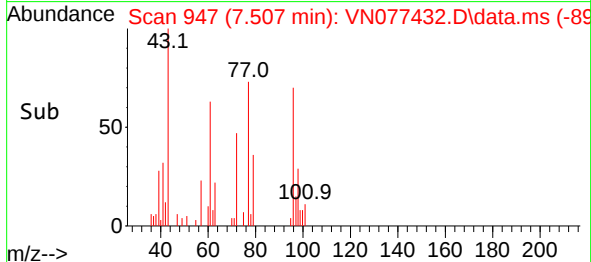
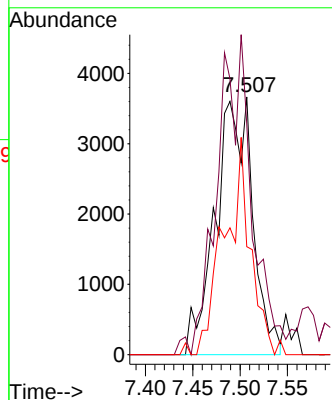
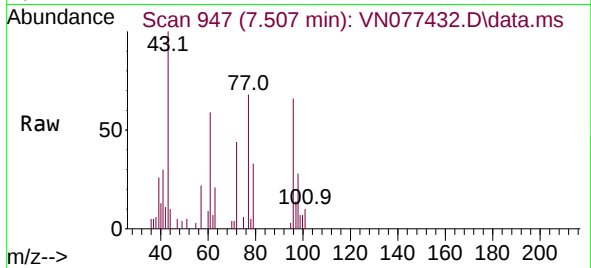
Tgt Ion:	96	Resp:	9940
Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	255.2
98	59.0	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#28

Bromochloromethane

Concen: 1.027 ug/l

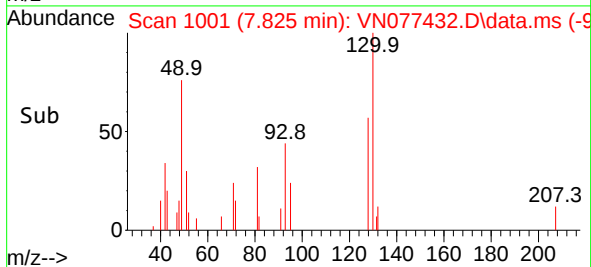
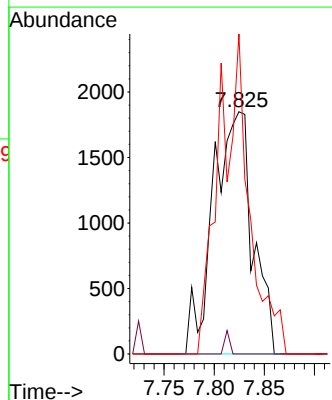
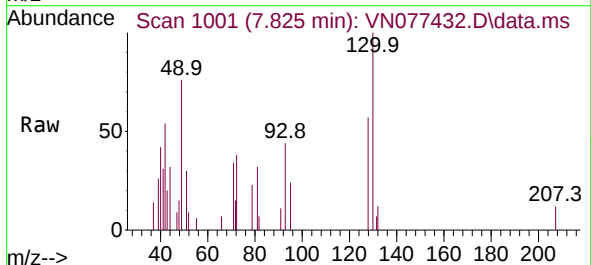
RT: 7.825 min Scan# 1001

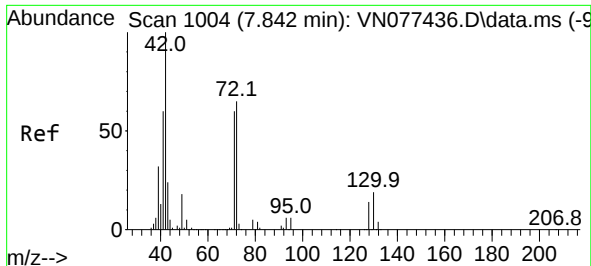
Delta R.T. 0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Tgt Ion:	49	Resp:	5094
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.8
130	100.2	75.3	112.9





#29

Tetrahydrofuran

Concen: 4.616 ug/l

RT: 7.854 min Scan# 10974

Delta R.T. 0.012 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

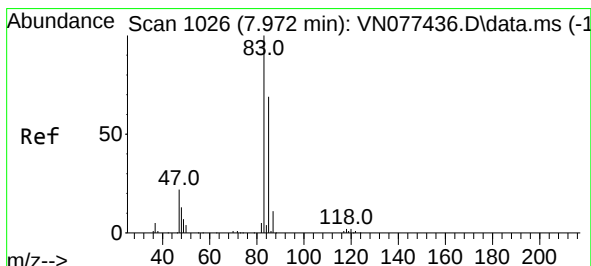
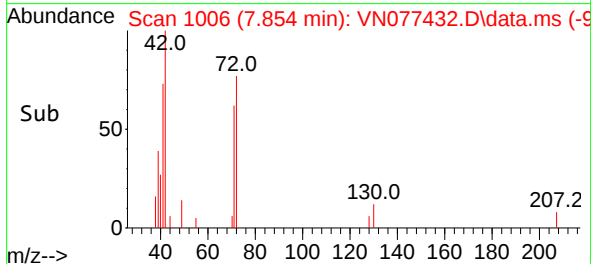
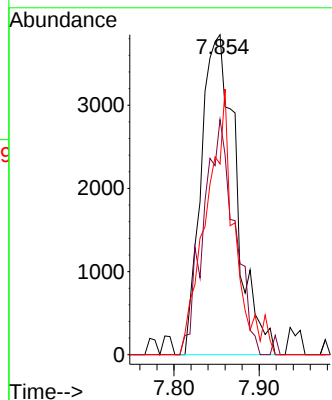
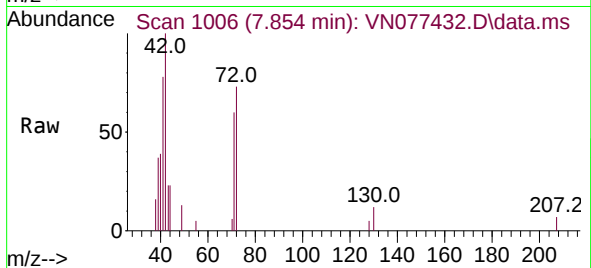
Tgt Ion:	42	Resp:	10974
Ion Ratio	Lower	Upper	
42	100		
72	65.4	49.8	74.6
71	66.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 0.942 ug/l

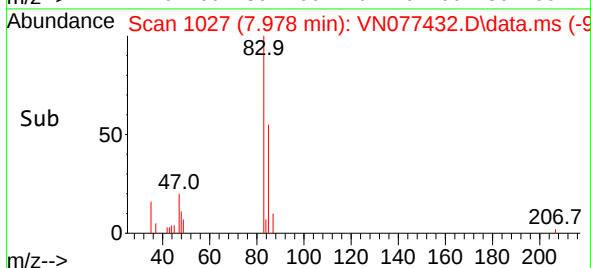
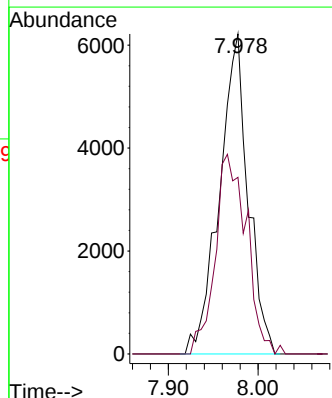
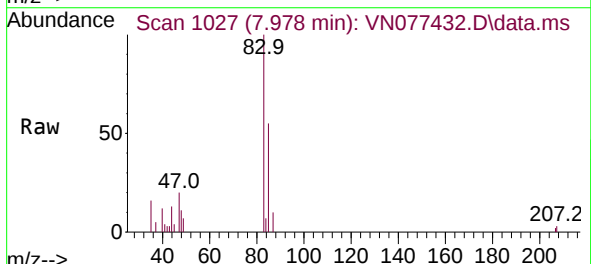
RT: 7.978 min Scan# 1027

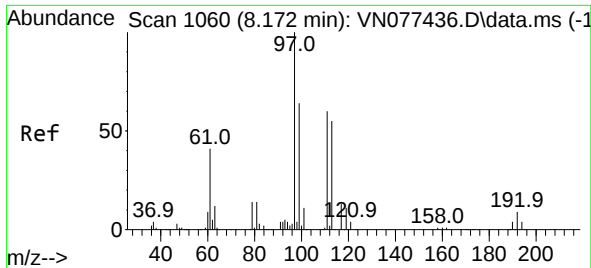
Delta R.T. 0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Tgt Ion:	83	Resp:	13796
Ion Ratio	Lower	Upper	
83	100		
85	55.2	55.4	83.0#





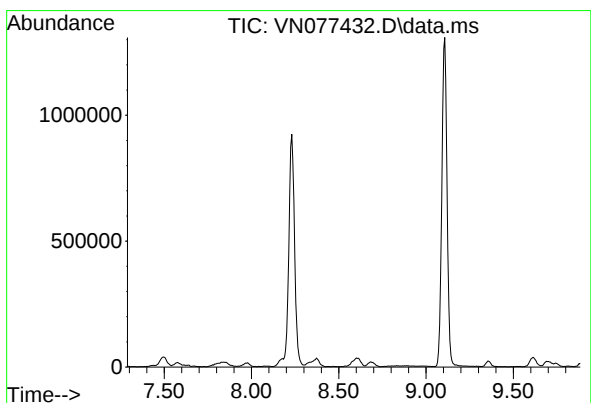
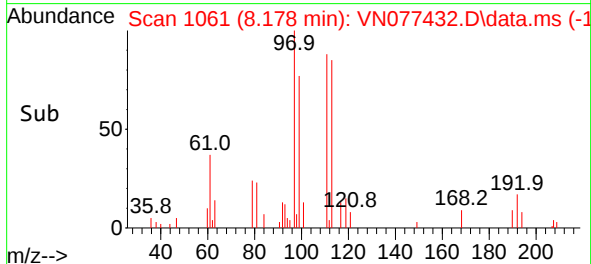
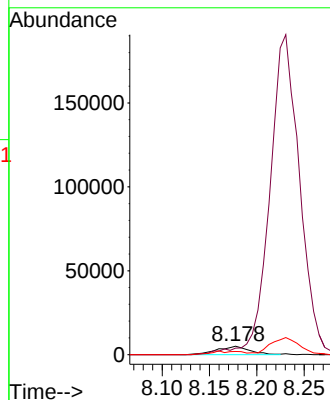
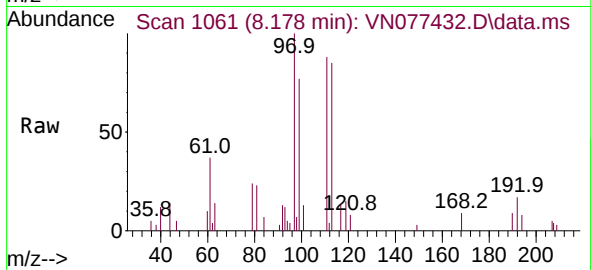
#32
1,1,1-Trichloroethane
Concen: 0.898 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 12088
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 18.8 34.7 52.1

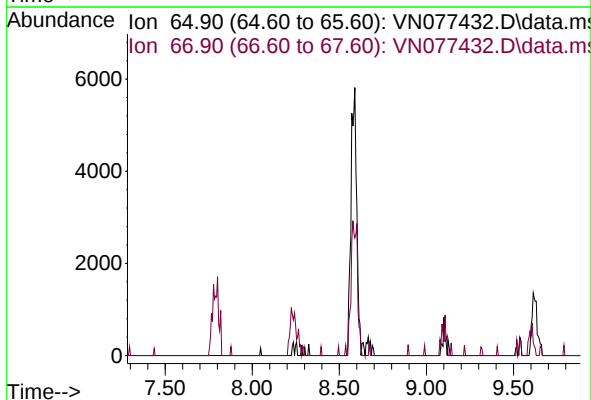
Manual Integrations
APPROVED

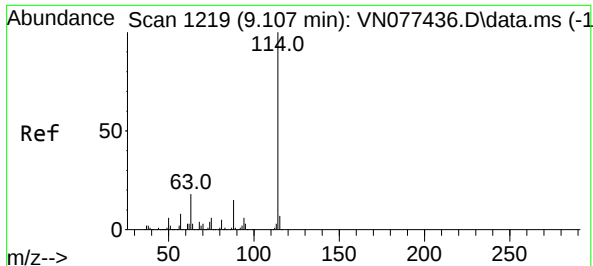
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 121546

Ion Ratio Lower Upper

114 100

63 16.2 0.0 36.4

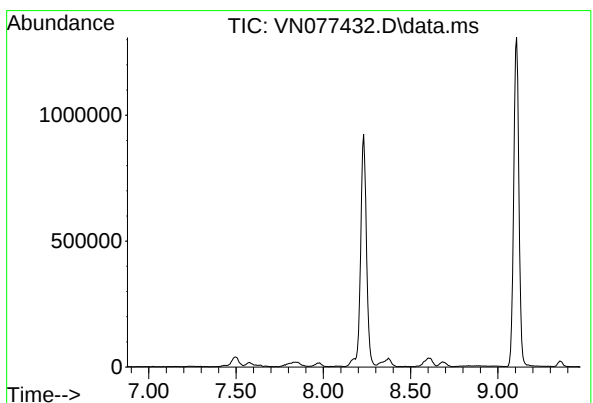
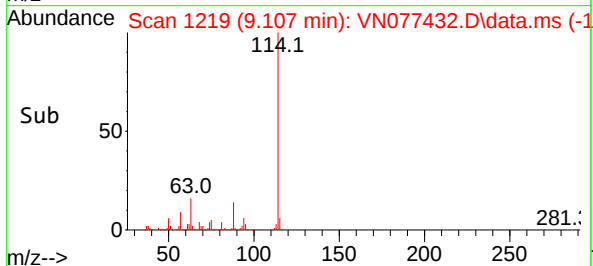
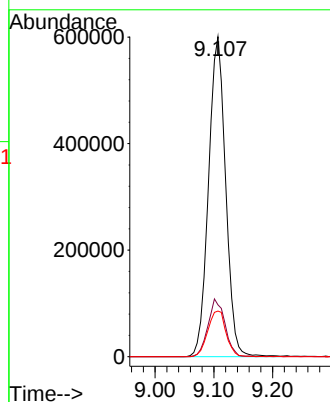
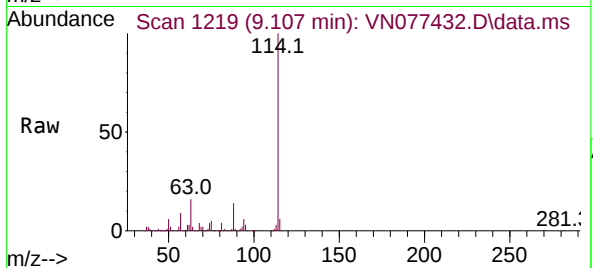
88 14.3 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.17 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

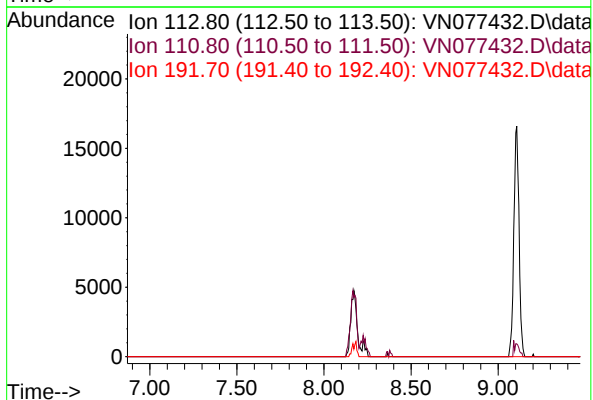
Tgt Ion: 113

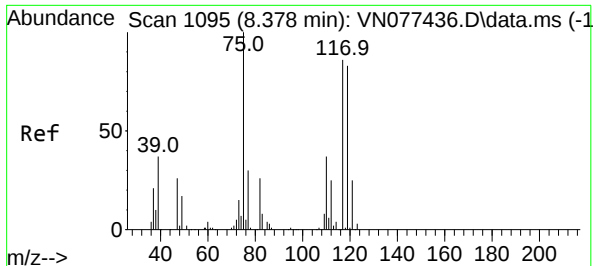
Sig Exp Ratio

113 100

111 103.2

192 15.9





#36

1,1-Dichloropropene

Concen: 0.924 ug/l

RT: 8.372 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

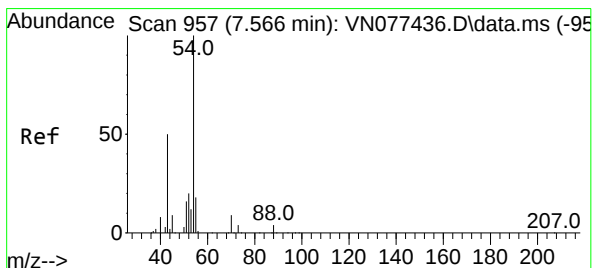
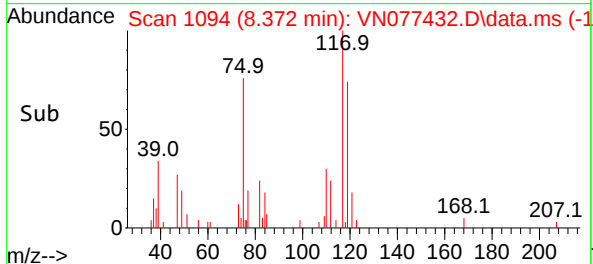
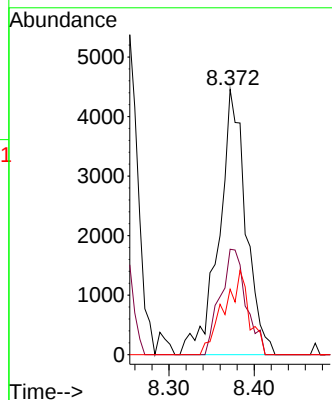
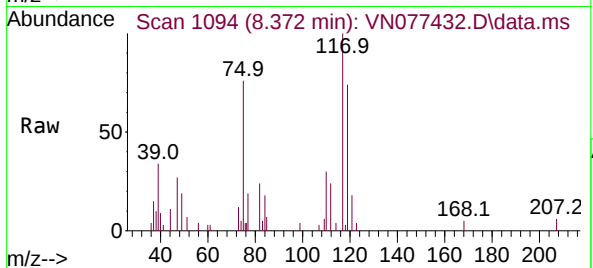
Tgt Ion: 75	Resp: 9750
Ion Ratio	Lower Upper
75	100
110	38.2 19.1 57.3
77	29.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#37

Ethyl Acetate

Concen: 1.157 ug/l

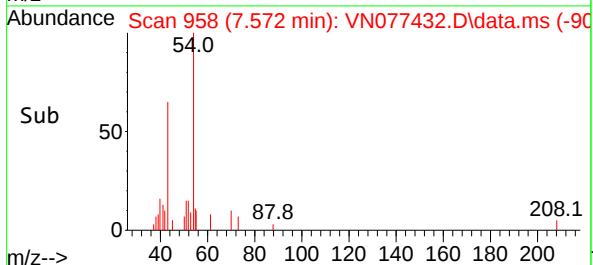
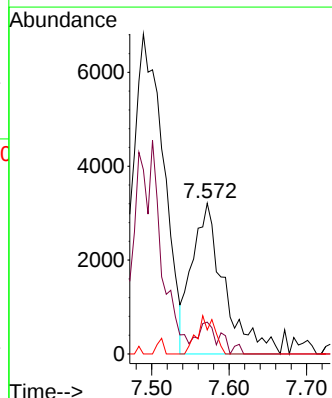
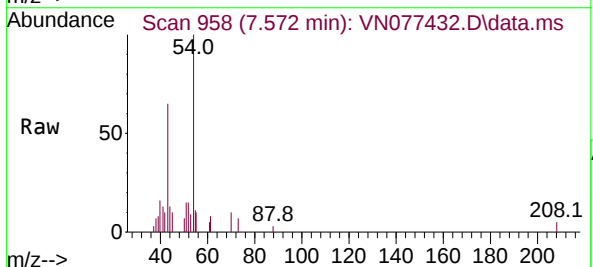
RT: 7.572 min Scan# 958

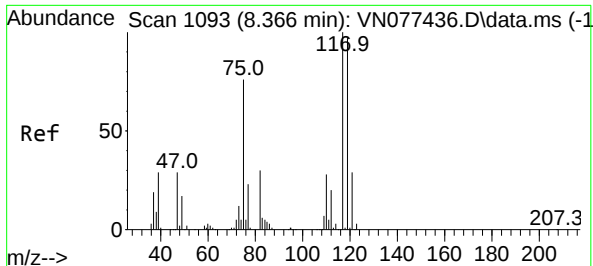
Delta R.T. 0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

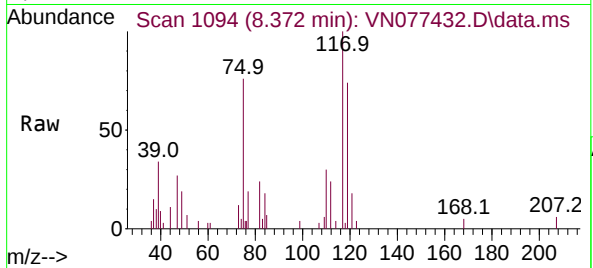
Tgt Ion: 43	Resp: 9281
Ion Ratio	Lower Upper
43	100
61	15.1 13.2 19.8
70	13.5 11.3 16.9





#38
Carbon Tetrachloride
Concen: 0.955 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

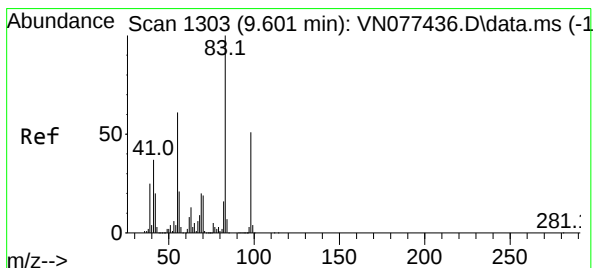
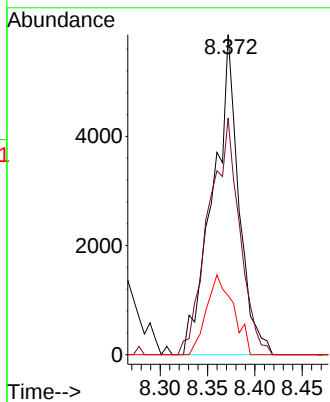
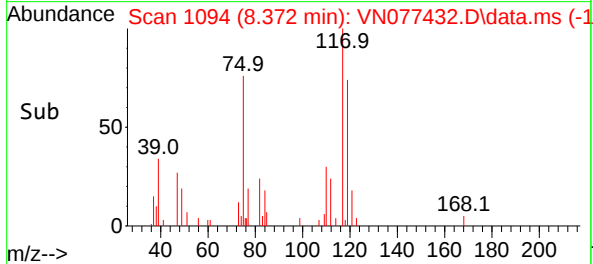
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 11110
Ion Ratio Lower Upper
117 100
119 73.9 77.3 115.9
121 18.5 23.3 34.9

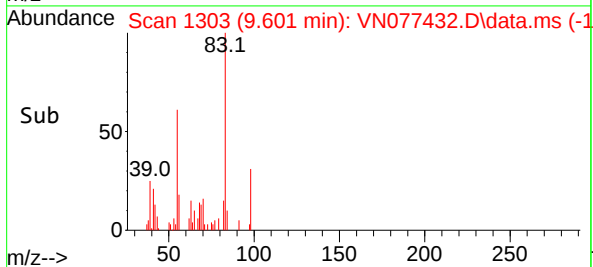
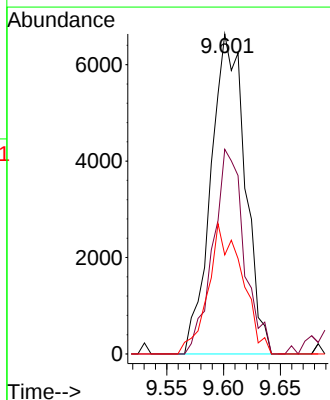
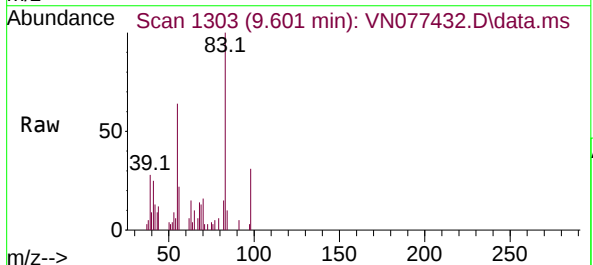
Manual Integrations
APPROVED

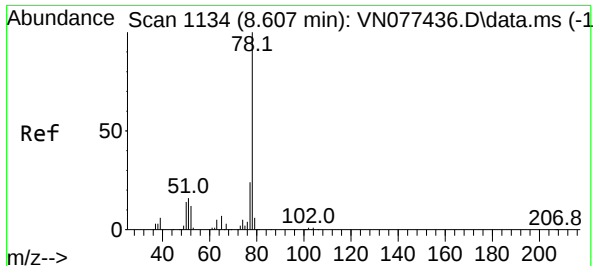
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#39
Methylcyclohexane
Concen: 0.998 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

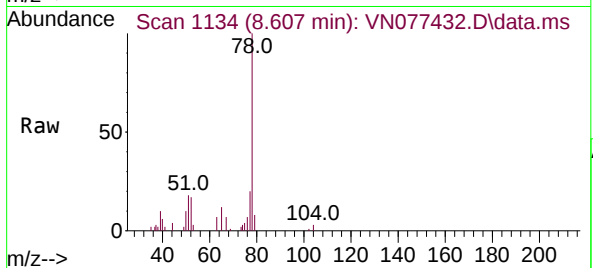
Tgt Ion: 83 Resp: 13872
Ion Ratio Lower Upper
83 100
55 63.9 49.1 73.7
98 31.0 40.6 61.0





#40
Benzene
Concen: 0.955 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

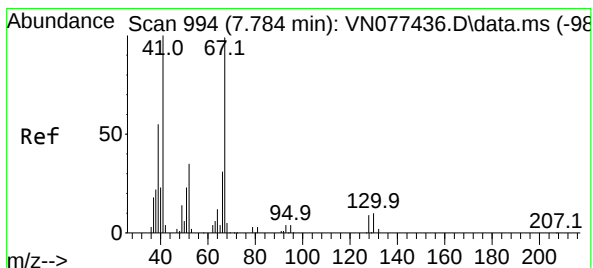
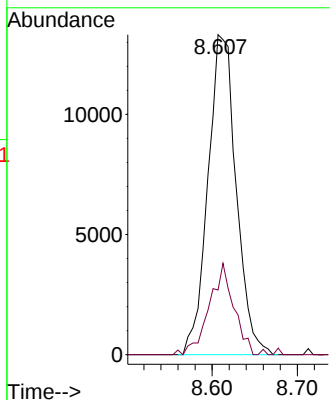
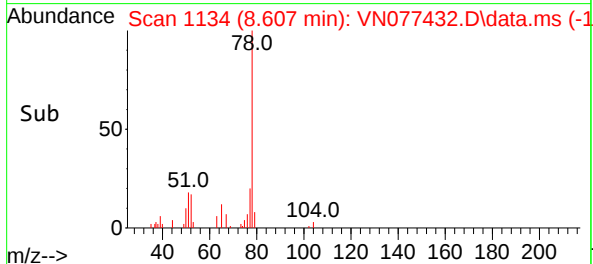
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 30710
Ion Ratio Lower Upper
78 100
77 18.7 19.0 28.6

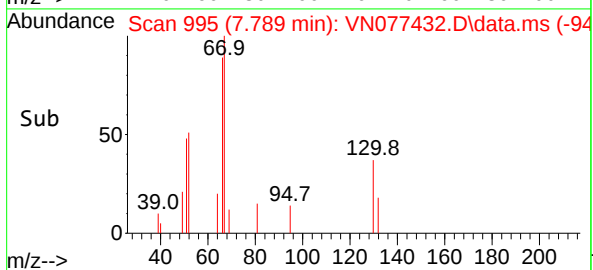
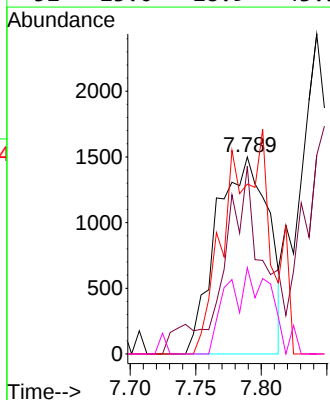
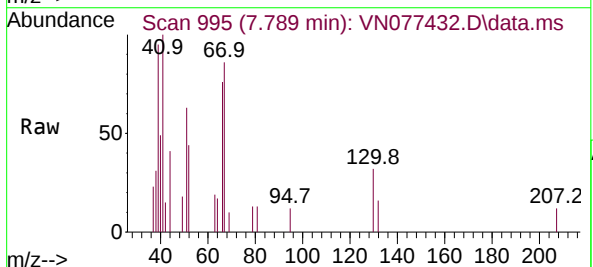
Manual Integrations
APPROVED

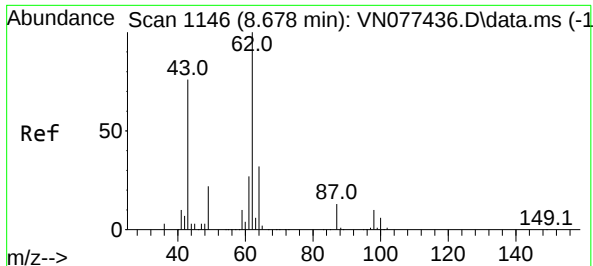
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#41
Methacrylonitrile
Concen: 0.992 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 41 Resp: 4144
Ion Ratio Lower Upper
41 100
39 67.6 42.6 64.0#
67 97.7 77.5 116.3
52 23.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.996 ug/l

RT: 8.678 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

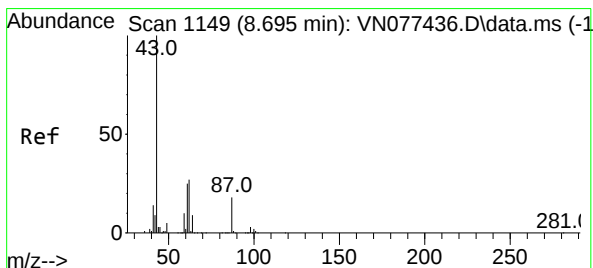
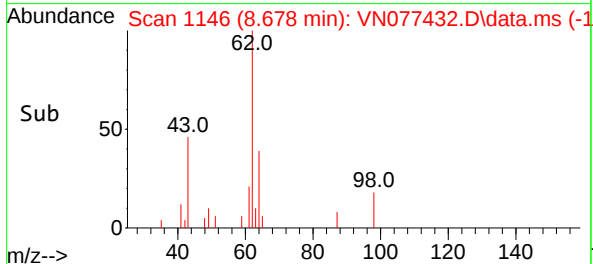
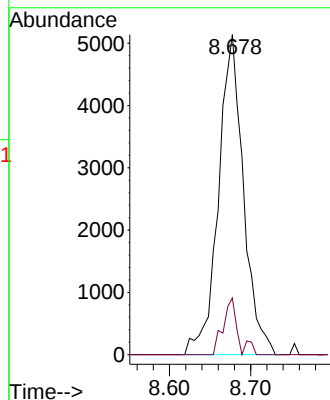
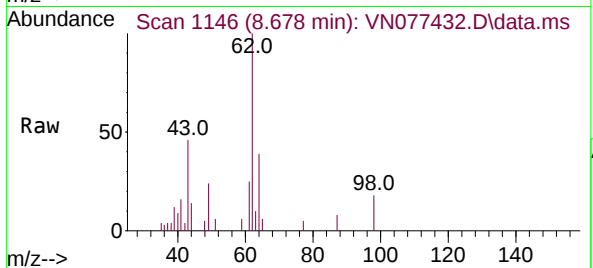
Tgt Ion: 62 Resp: 1099
 Ion Ratio Lower Upper
 62 100
 98 10.3 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#43

Isopropyl Acetate

Concen: 0.905 ug/l

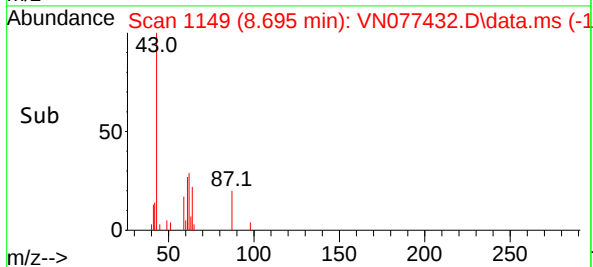
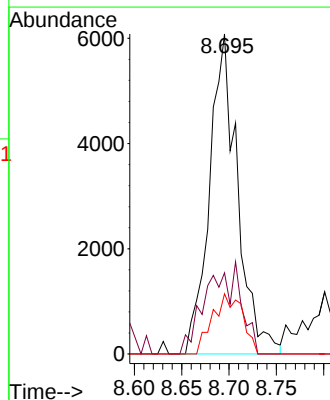
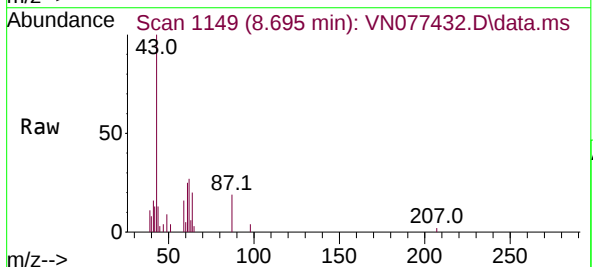
RT: 8.695 min Scan# 1149

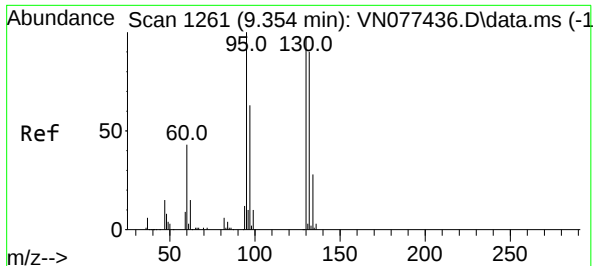
Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Tgt Ion: 43 Resp: 12553
 Ion Ratio Lower Upper
 43 100
 61 35.5 24.7 37.1
 87 20.0 14.6 21.8





#44

Trichloroethene

Concen: 0.892 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

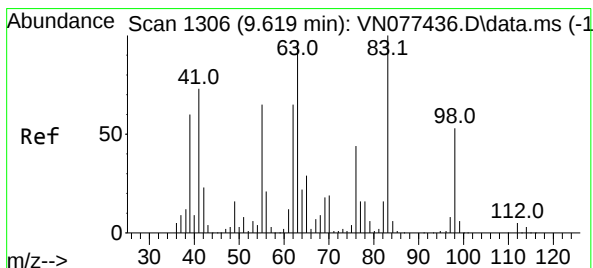
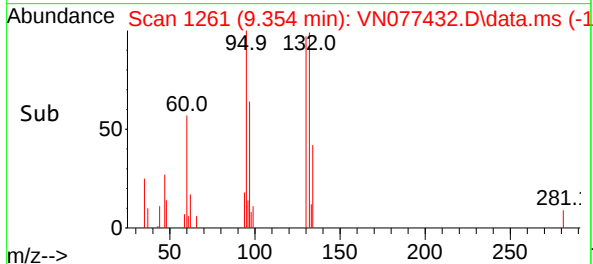
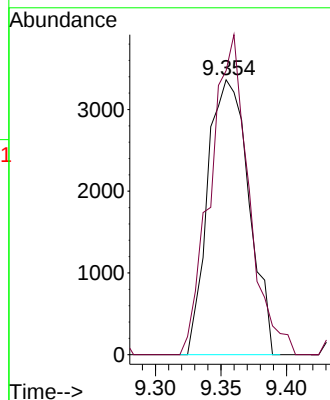
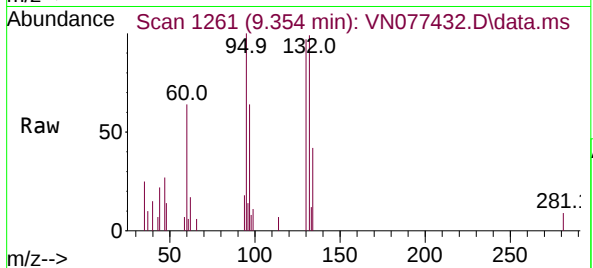
Tgt Ion:130 Resp: 7344
 Ion Ratio Lower Upper
 130 100
 95 103.3 0.0 204.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#45

1,2-Dichloropropane

Concen: 0.917 ug/l

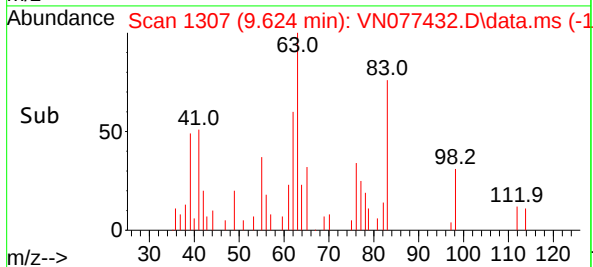
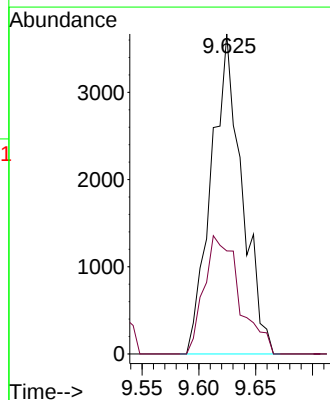
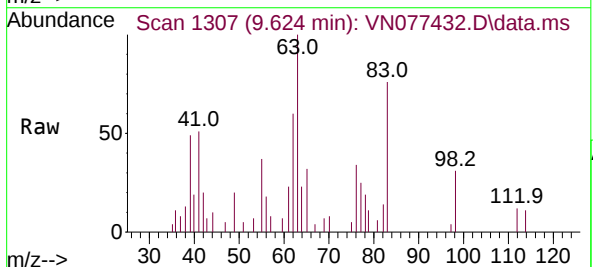
RT: 9.624 min Scan# 1307

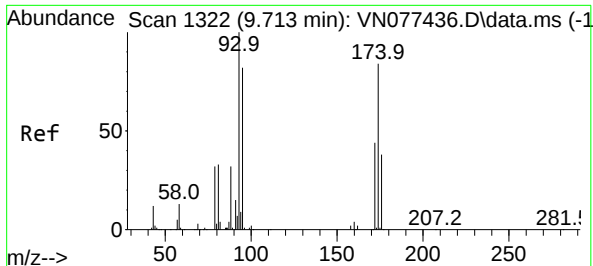
Delta R.T. 0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

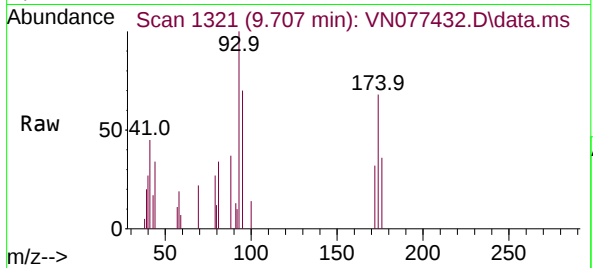
Tgt Ion: 63 Resp: 6903
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.9 35.9





#46
Dibromomethane
Concen: 1.050 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

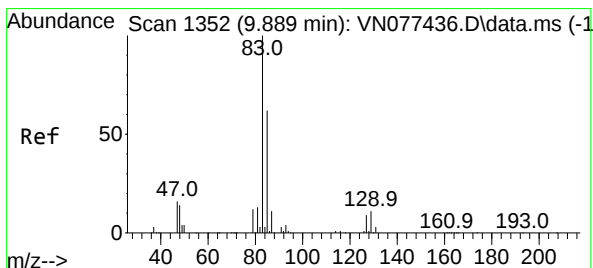
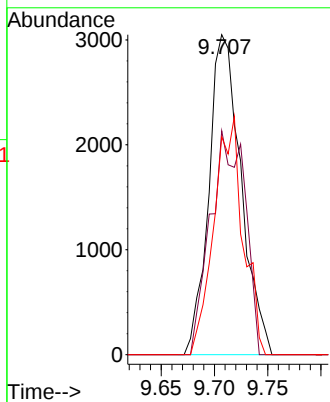
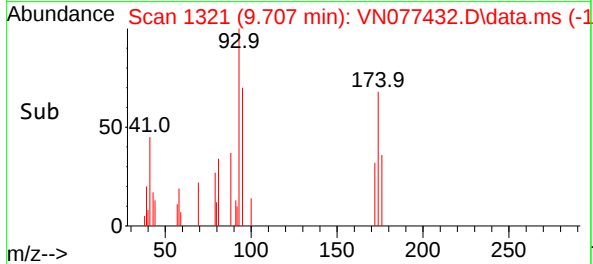
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion	93	Resp:	641
Ion	Ratio	Lower	Upper
93	100		
95	75.1	63.8	95.8
174	67.2	65.6	98.4

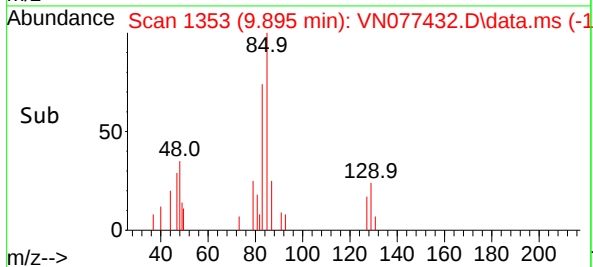
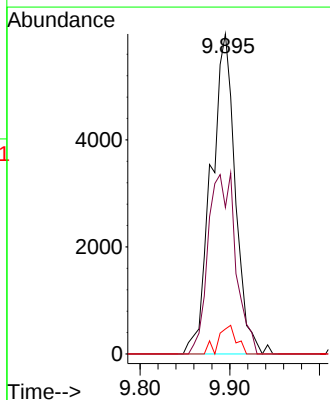
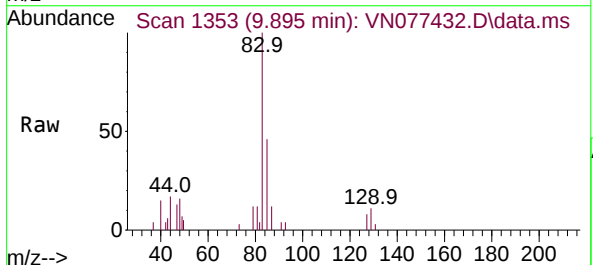
Manual Integrations
APPROVED

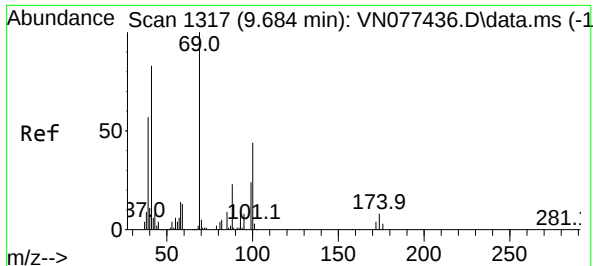
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#47
Bromodichloromethane
Concen: 0.945 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion	83	Resp:	11174
Ion	Ratio	Lower	Upper
83	100		
85	45.8	49.6	74.4
127	7.8	7.0	10.6





#48

Methyl methacrylate

Concen: 1.116 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

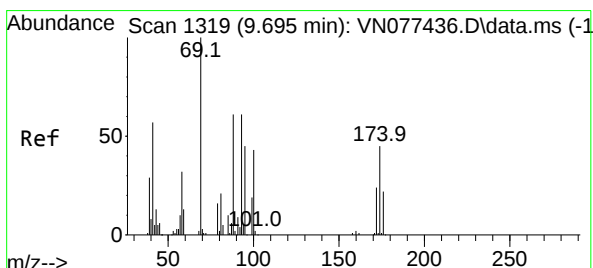
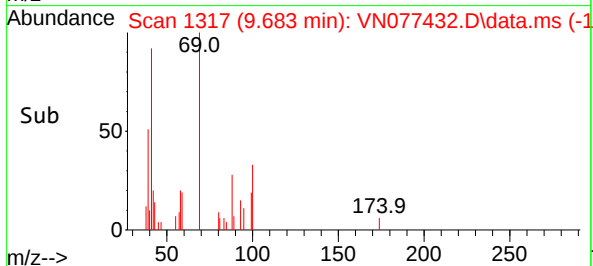
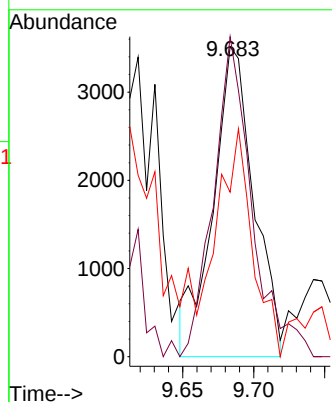
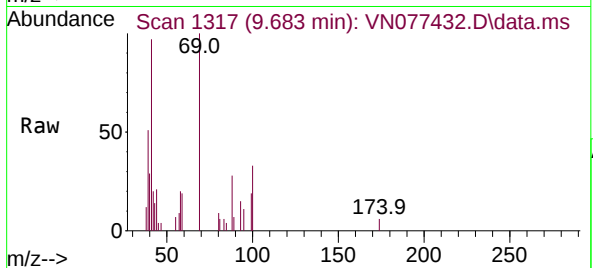
Tgt Ion:	41	Resp:	705
Ion Ratio	Lower	Upper	
41	100		
69	96.6	90.4	135.6
39	62.8	54.6	81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#49

1,4-Dioxane

Concen: 20.042 ug/l

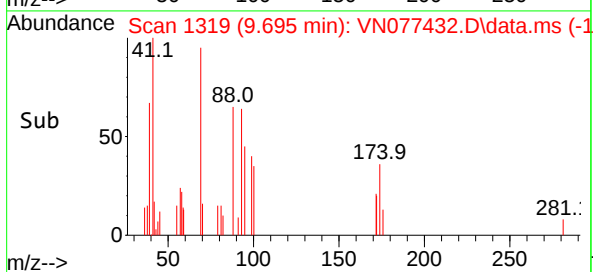
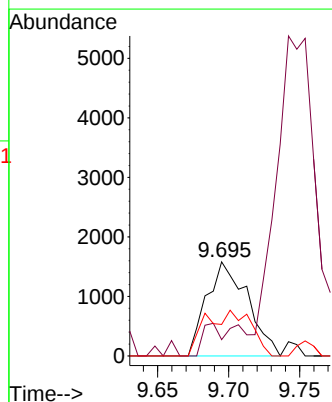
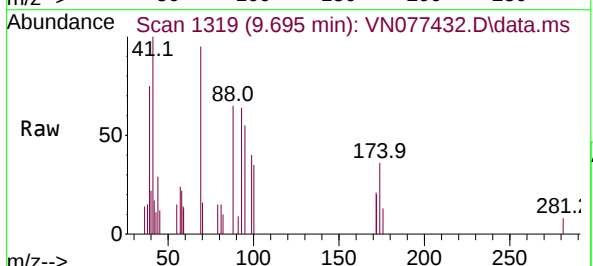
RT: 9.695 min Scan# 1319

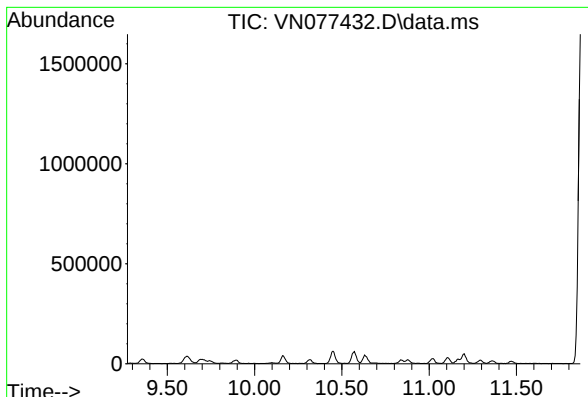
Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Tgt Ion:	88	Resp:	3175
Ion Ratio	Lower	Upper	
88	100		
43	14.9	17.0	25.6
58	53.7	47.0	70.4





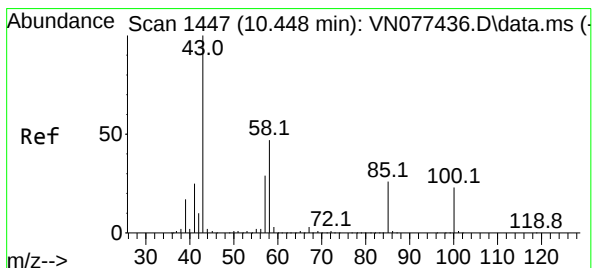
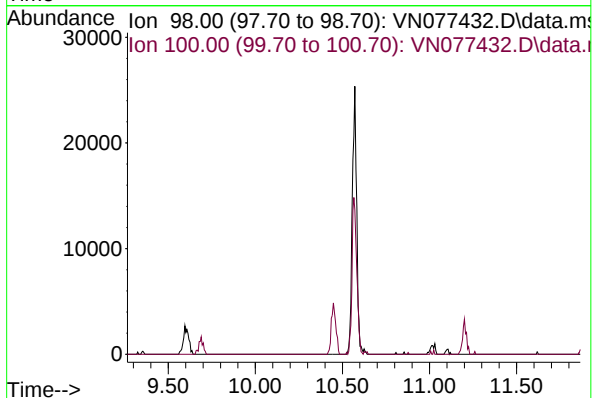
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.0

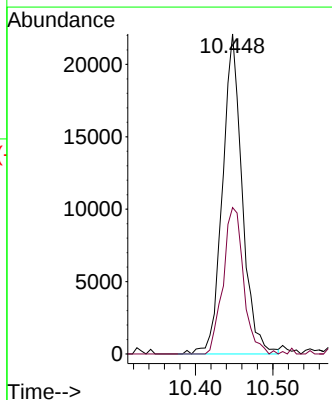
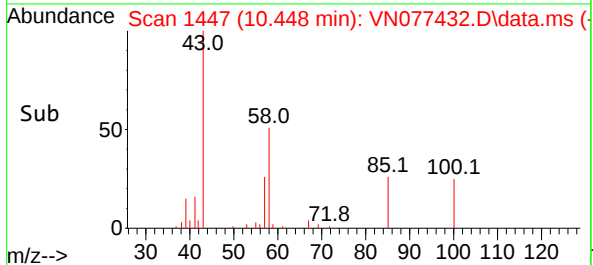
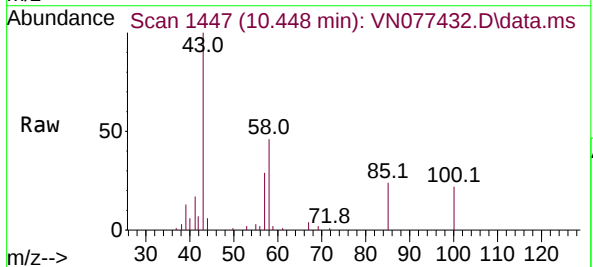
Manual Integrations
 APPROVED

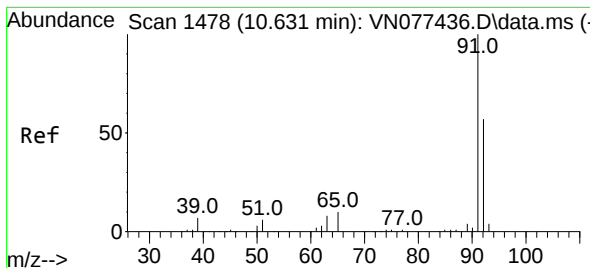
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.807 ug/l
 RT: 10.448 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Tgt Ion: 43 Resp: 39119
 Ion Ratio Lower Upper
 43 100
 58 47.4 36.6 54.8





#52

Toluene

Concen: 0.903 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 19014

Ion Ratio Lower Upper

92 100

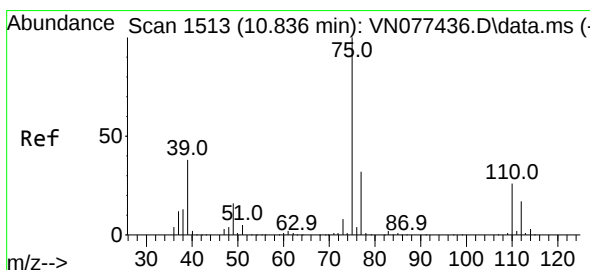
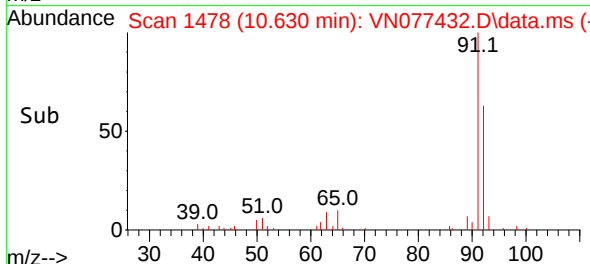
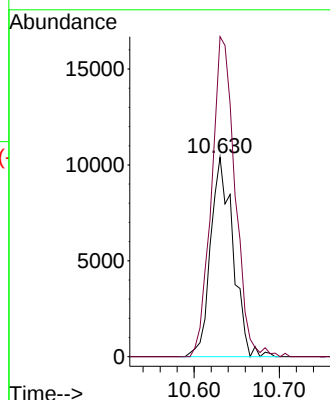
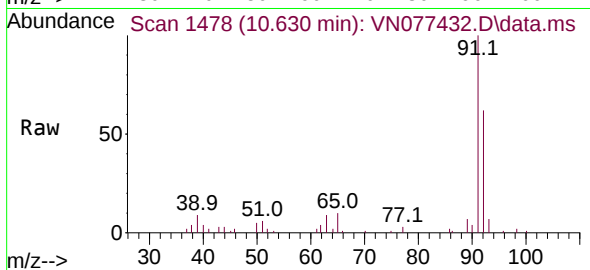
91 169.0 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#53

t-1,3-Dichloropropene

Concen: 0.883 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN077432.D

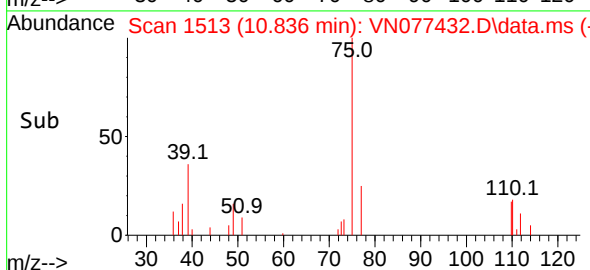
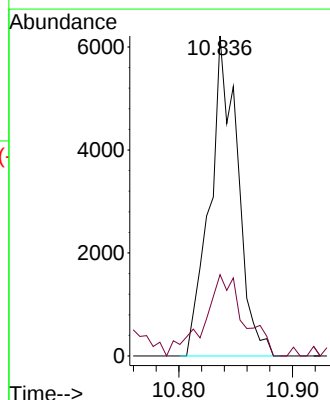
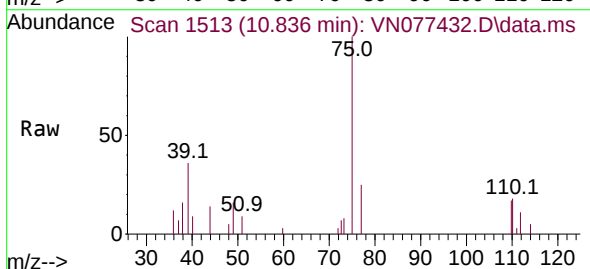
Acq: 24 Apr 2023 11:14

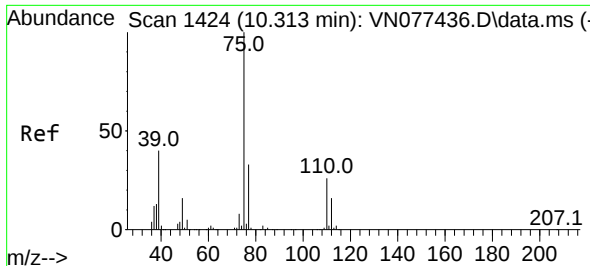
Tgt Ion: 75 Resp: 10564

Ion Ratio Lower Upper

75 100

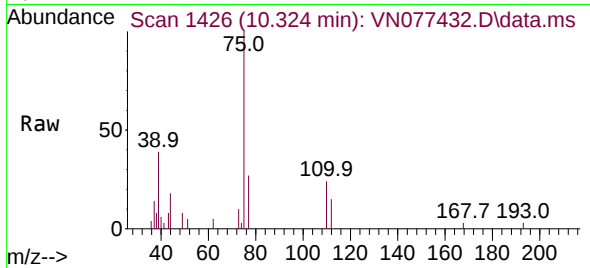
77 25.4 25.4 38.0





#54
cis-1,3-Dichloropropene
Concen: 0.837 ug/l
RT: 10.324 min Scan# 1426
Delta R.T. 0.012 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

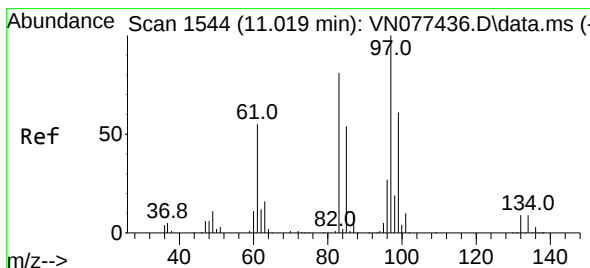
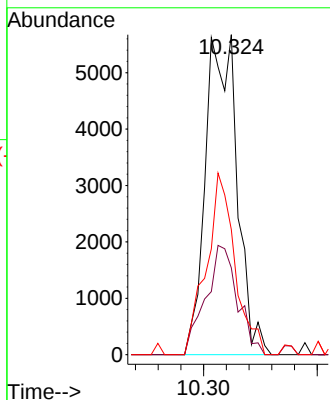
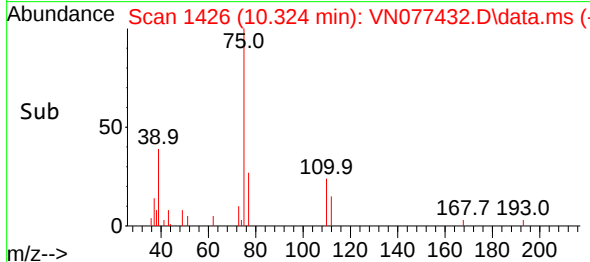
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
77 27.2 26.1 39.1
39 39.1 31.6 47.4

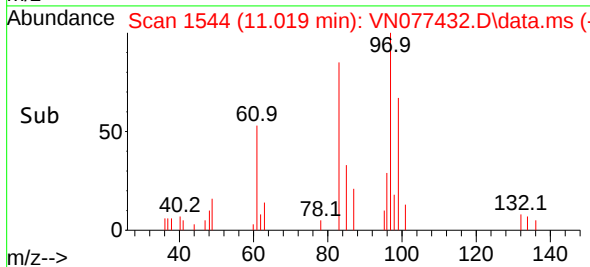
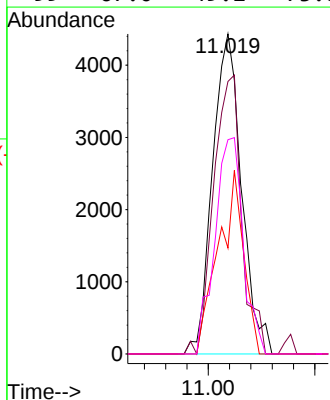
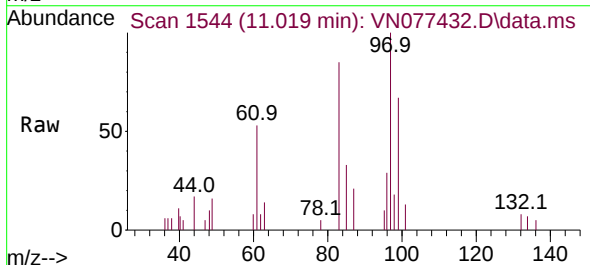
Manual Integrations
APPROVED

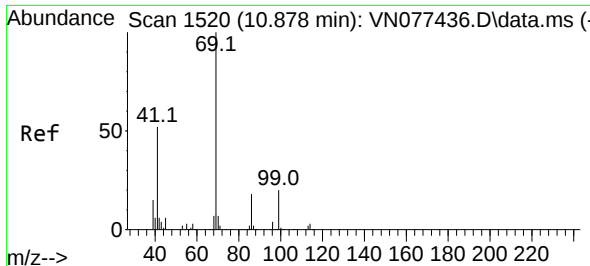
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#55
1,1,2-Trichloroethane
Concen: 0.991 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 97 Resp: 8391
Ion Ratio Lower Upper
97 100
83 85.2 65.1 97.7
85 33.1 43.4 65.2#
99 67.0 49.2 73.8





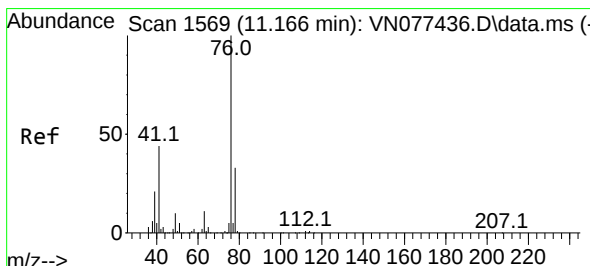
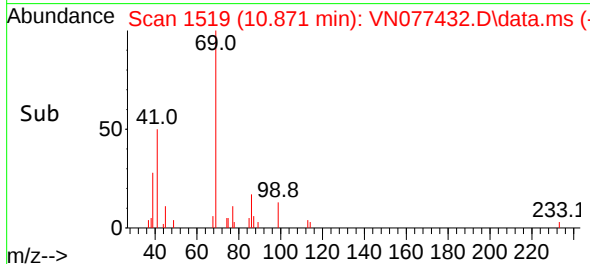
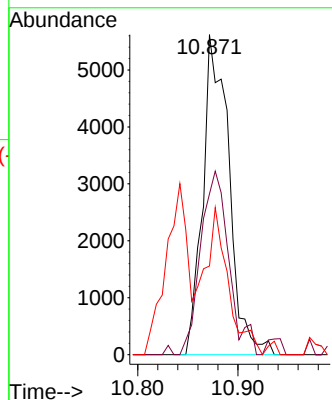
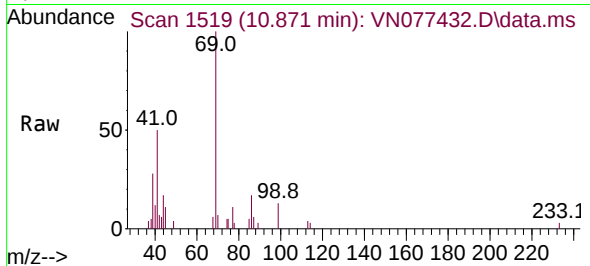
#56
Ethyl methacrylate
Concen: 0.860 ug/l
RT: 10.871 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 1020
Ion Ratio Lower Upper
69 100
41 61.7 39.6 59.4
39 38.3 28.6 43.0

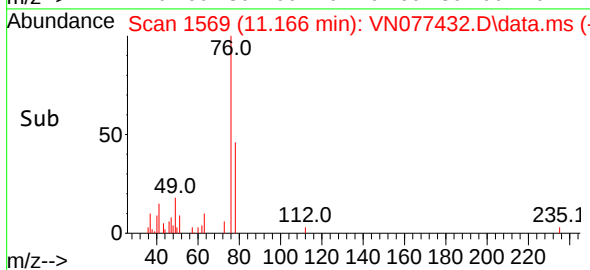
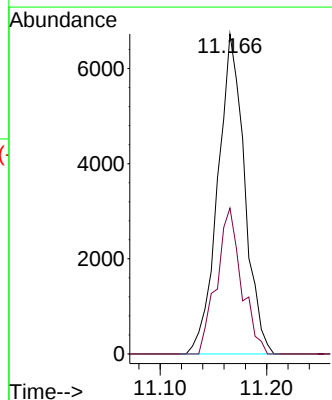
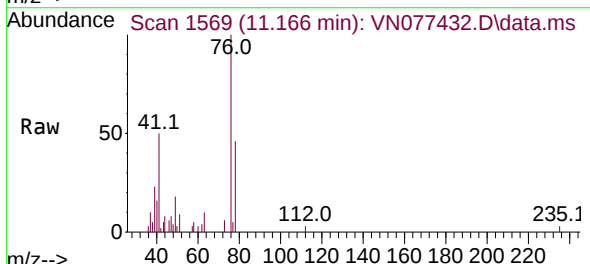
Manual Integrations
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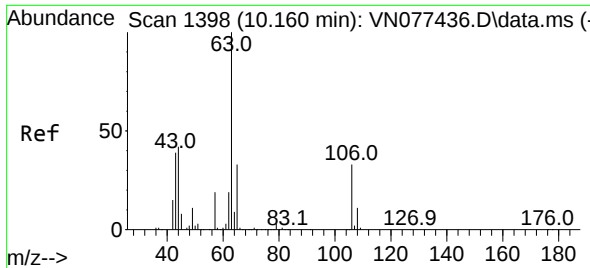
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#57
1,3-Dichloropropane
Concen: 0.868 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

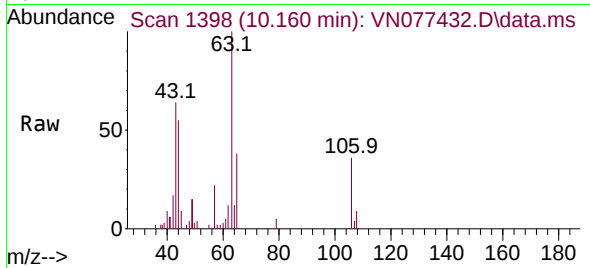
Tgt Ion: 76 Resp: 11709
Ion Ratio Lower Upper
76 100
78 42.4 26.1 39.1#





#58
2-Chloroethyl Vinyl ether
Concen: 4.384 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

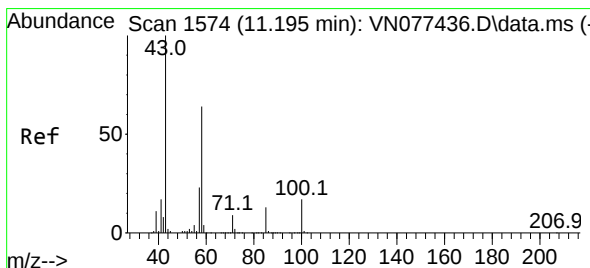
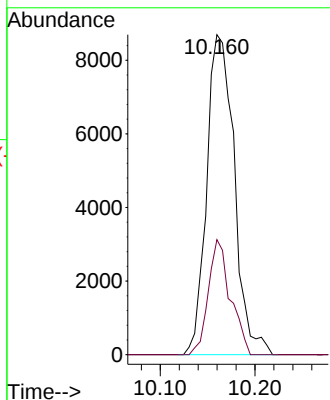
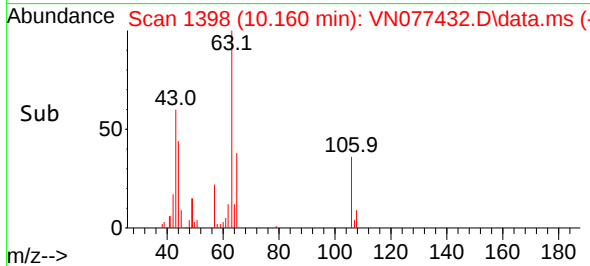
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



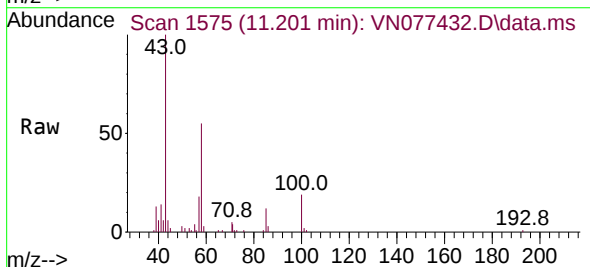
Tgt Ion: 63 Resp: 17600
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4

Manual Integrations
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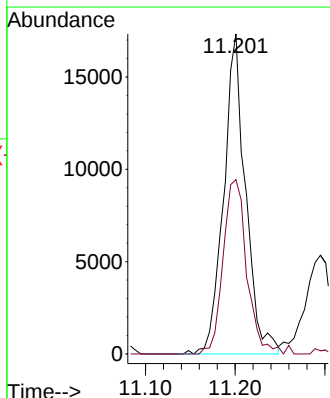
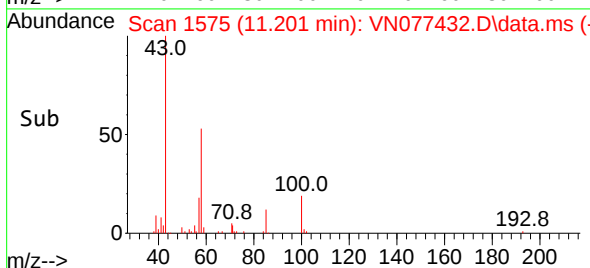
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

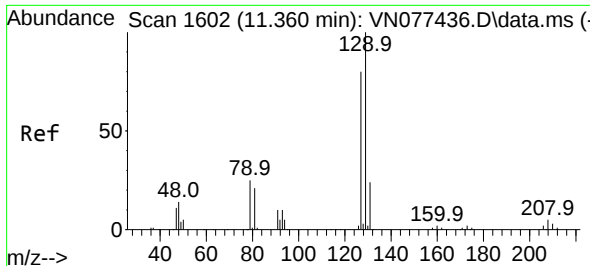


#59
2-Hexanone
Concen: 4.965 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14



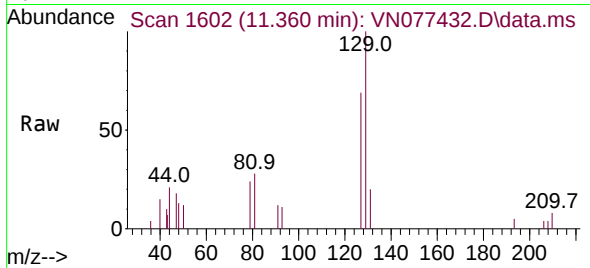
Tgt Ion: 43 Resp: 29369
Ion Ratio Lower Upper
43 100
58 58.7 31.7 95.1





#60
Dibromochloromethane
Concen: 0.906 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

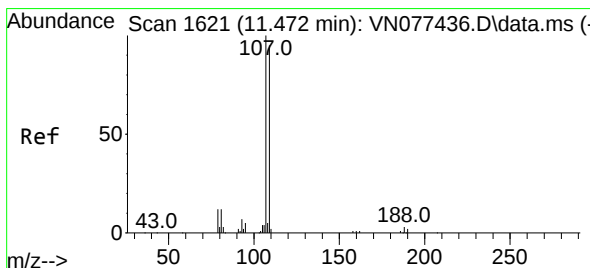
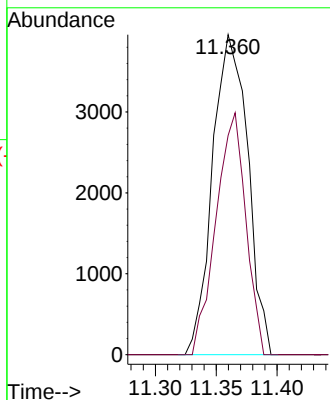
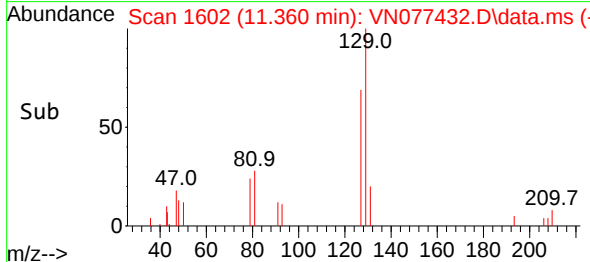
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



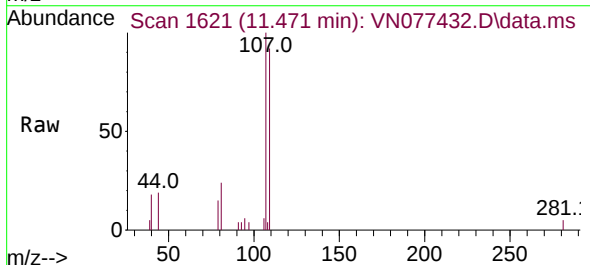
Tgt Ion:129 Resp: 7961
Ion Ratio Lower Upper
129 100
127 63.9 38.6 116.0

Manual Integrations
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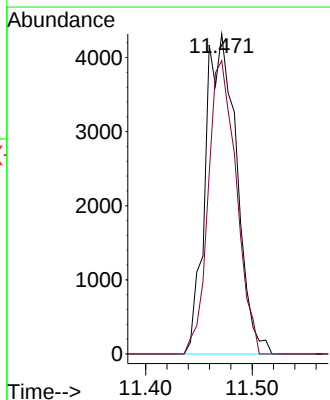
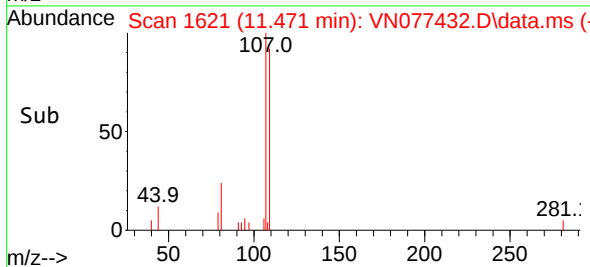
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

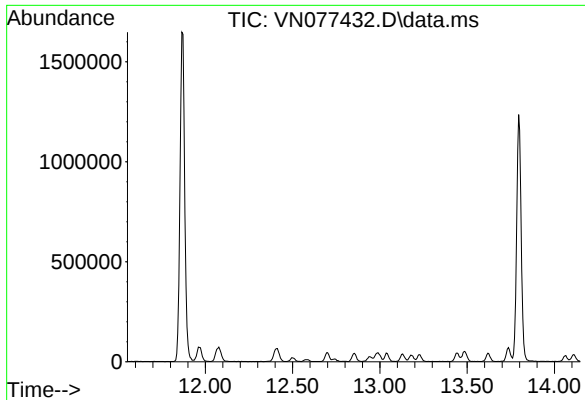


#61
1,2-Dibromoethane
Concen: 1.013 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14



Tgt Ion:107 Resp: 8761
Ion Ratio Lower Upper
107 100
109 82.8 76.6 114.8





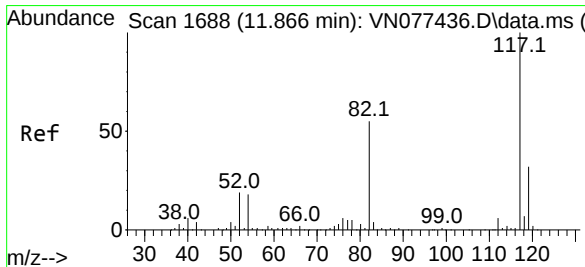
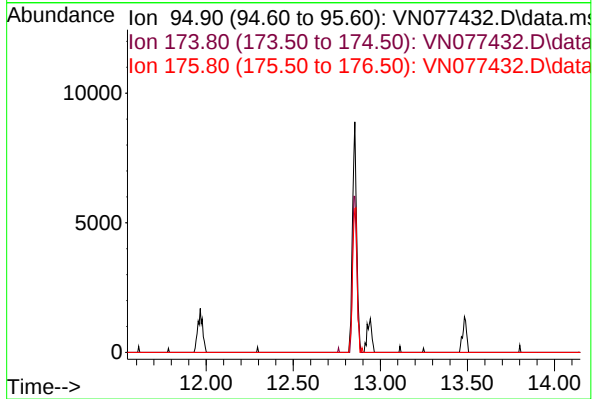
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9

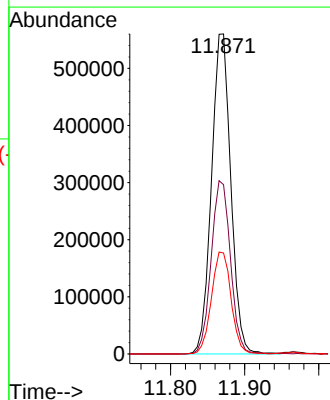
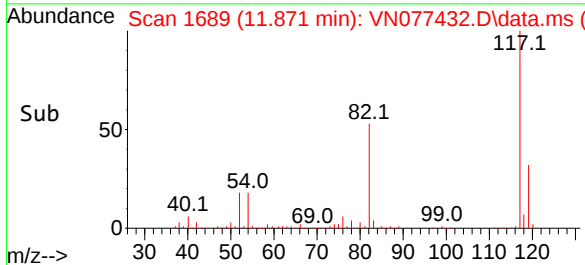
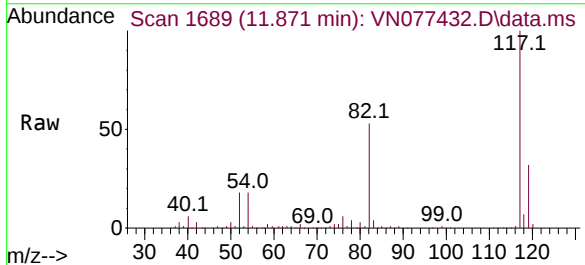
Manual Integrations
 APPROVED

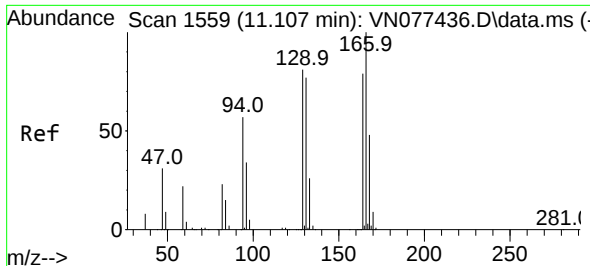
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

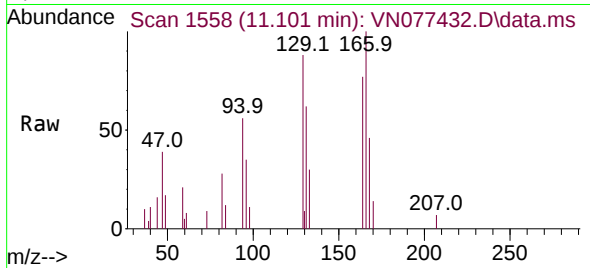
Tgt Ion:117 Resp: 1015747
 Ion Ratio Lower Upper
 117 100
 82 52.9 44.0 66.0
 119 31.5 25.6 38.4





#64
Tetrachloroethene
Concen: 1.036 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

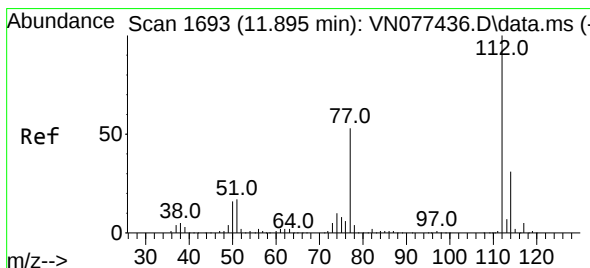
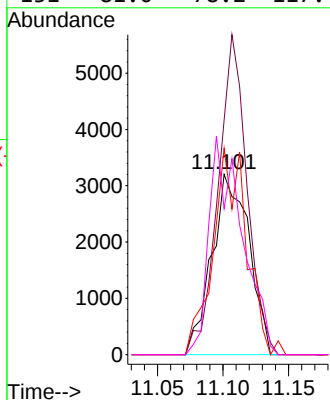
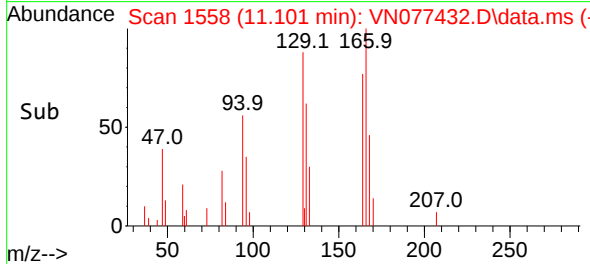
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 6299
Ion Ratio Lower Upper
164 100
166 130.0 101.4 152.0
129 114.4 82.4 123.6
131 81.0 78.2 117.4

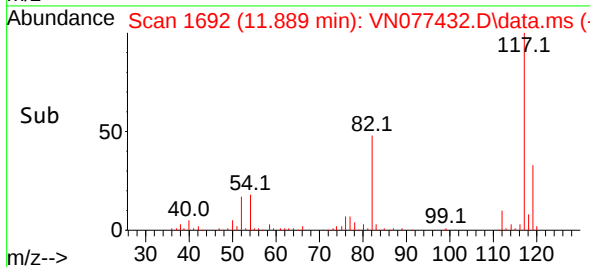
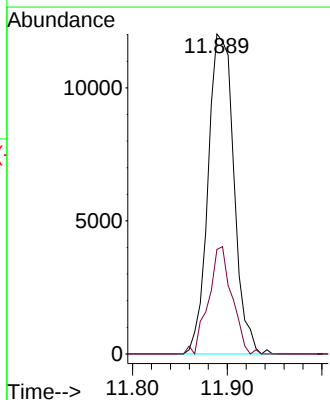
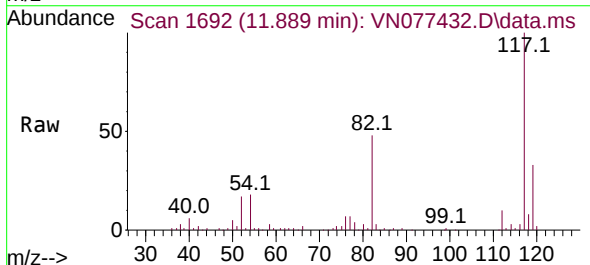
Manual Integrations
APPROVED

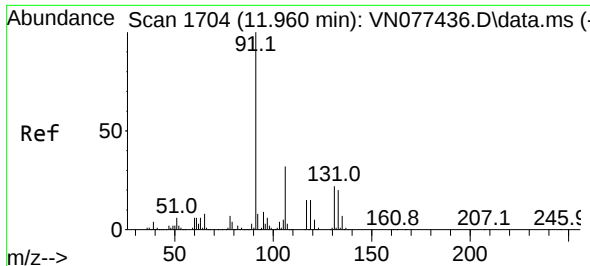
Reviewed By :John Carbone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#65
Chlorobenzene
Concen: 1.056 ug/l
RT: 11.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion:112 Resp: 22706
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4





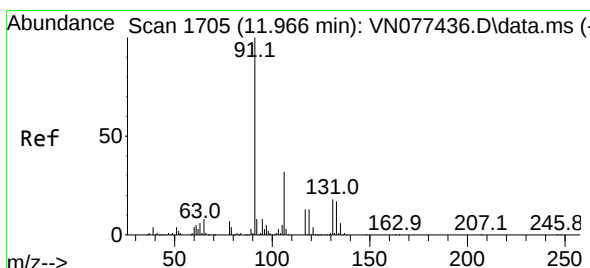
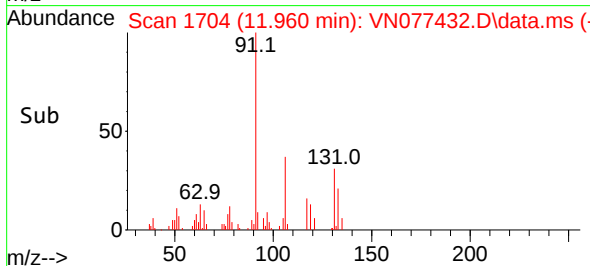
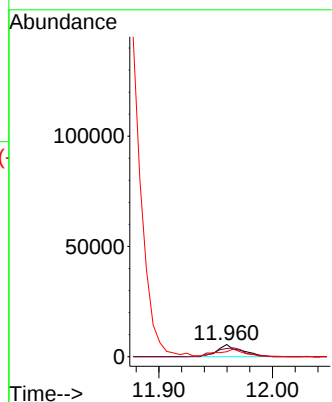
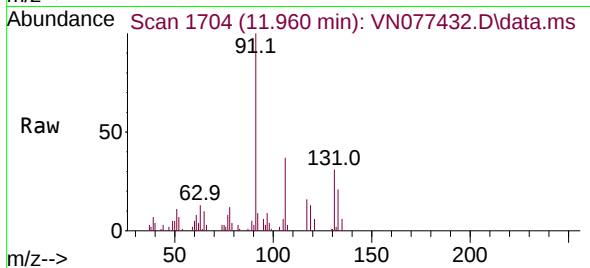
#66
1,1,1,2-Tetrachloroethane
Concen: 1.025 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:131 Resp: 8012
Ion Ratio Lower Upper
131 100
133 91.8 46.4 139.1
119 0.0 34.1 102.2

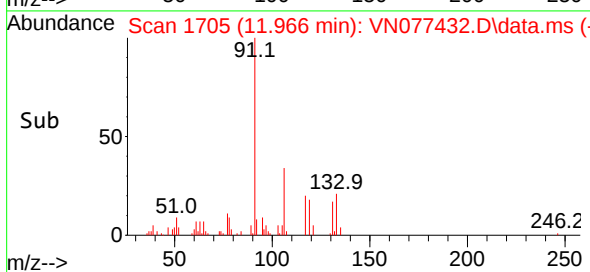
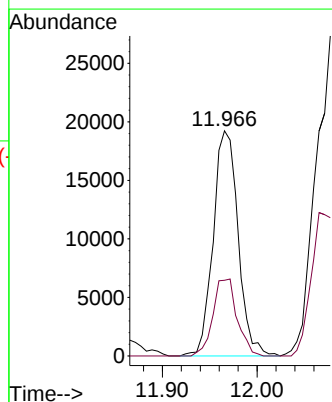
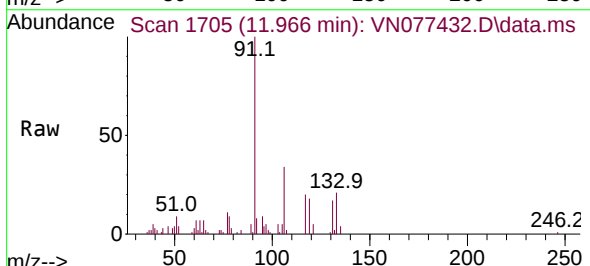
Manual Integrations
APPROVED

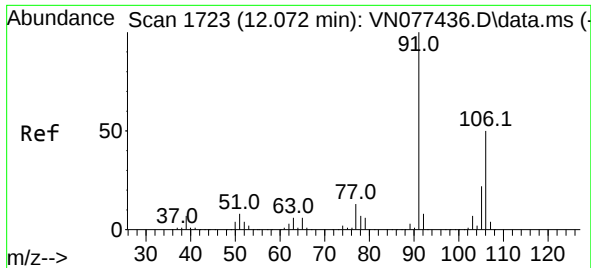
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#67
Ethyl Benzene
Concen: 0.930 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 91 Resp: 35198
Ion Ratio Lower Upper
91 100
106 33.6 25.6 38.4





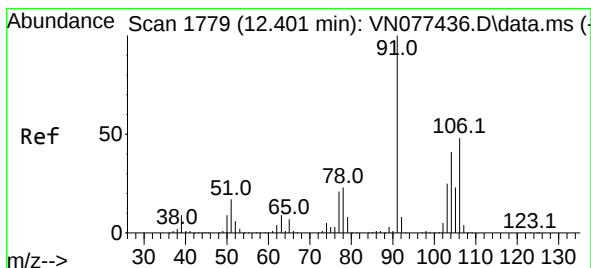
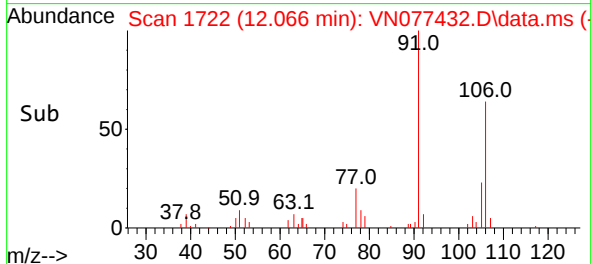
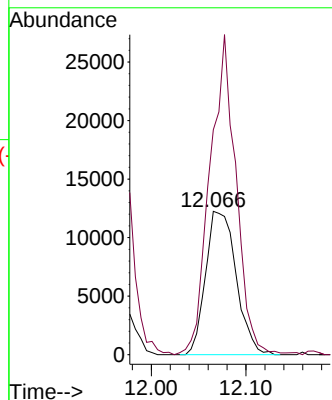
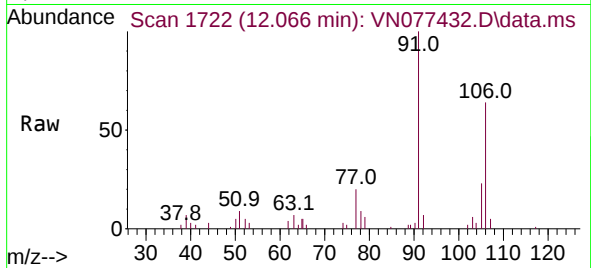
#68
m/p-Xylenes
Concen: 1.866 ug/l
RT: 12.066 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2744
Ion Ratio Lower Upper
106 100
91 191.4 159.6 239.4

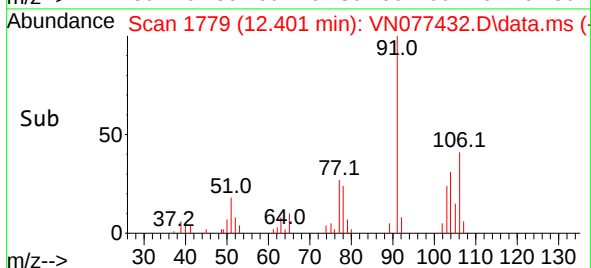
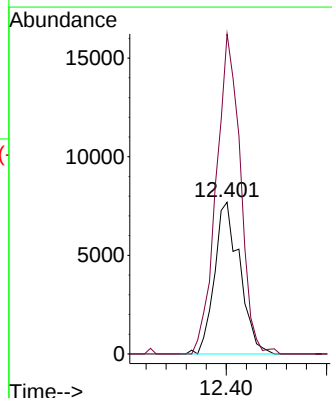
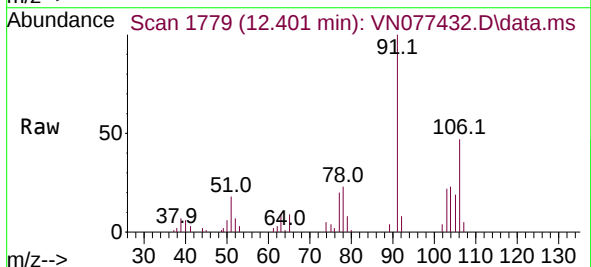
Manual Integrations
APPROVED

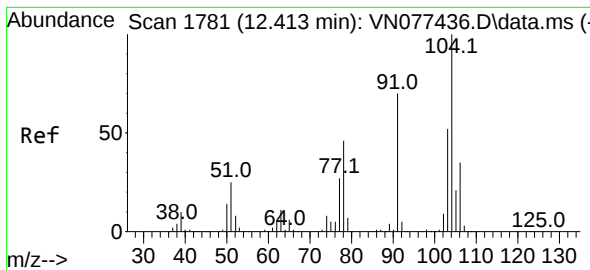
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#69
o-Xylene
Concen: 0.927 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion:106 Resp: 13414
Ion Ratio Lower Upper
106 100
91 201.8 105.2 315.5





#70

Styrene

Concen: 0.839 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:104 Resp: 1898

Ion Ratio Lower Upper

104 100

78 54.4 39.5 59.3

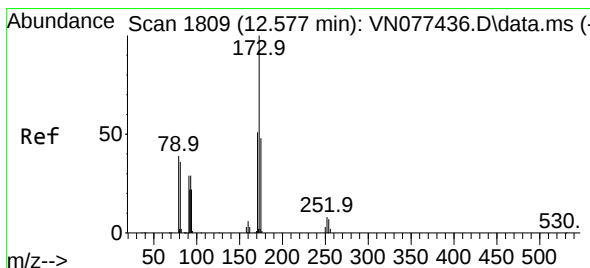
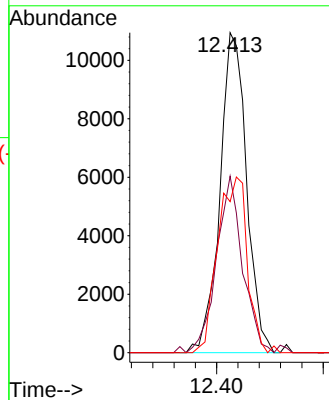
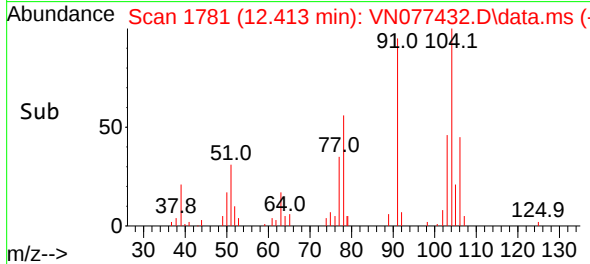
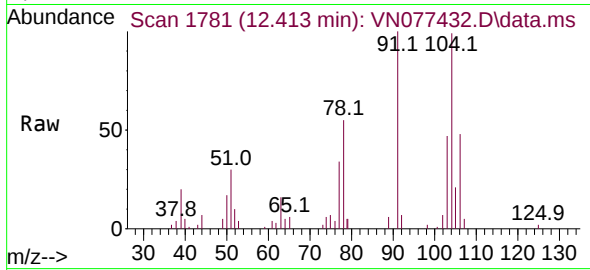
103 61.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#71

Bromoform

Concen: 0.945 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

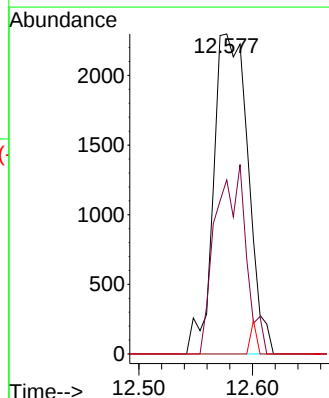
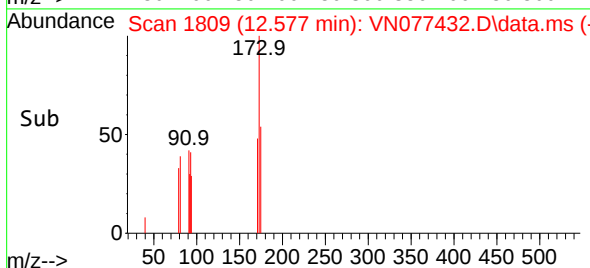
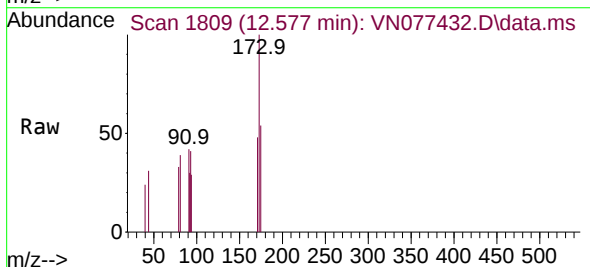
Tgt Ion:173 Resp: 4836

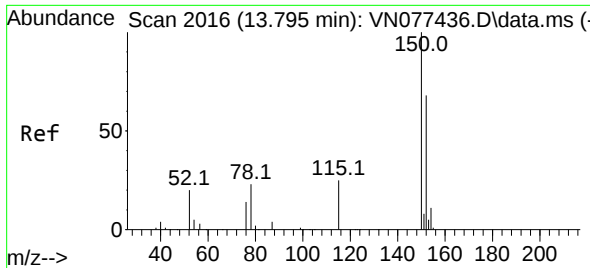
Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

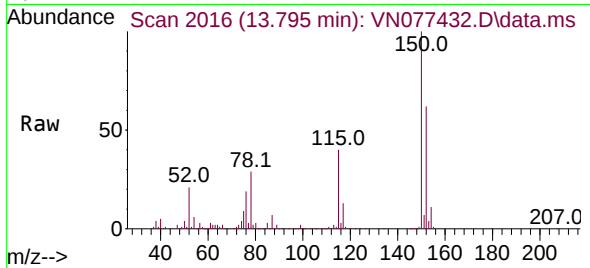
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

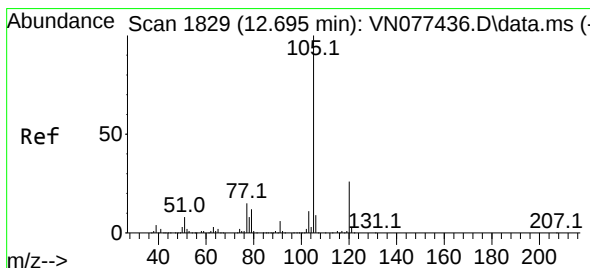
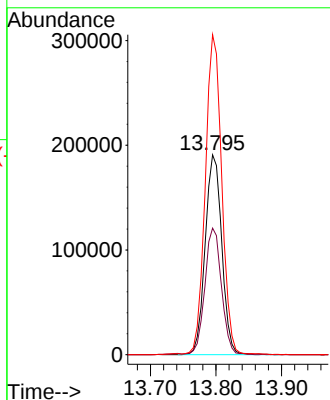
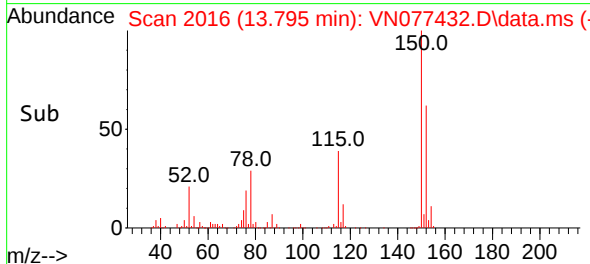
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



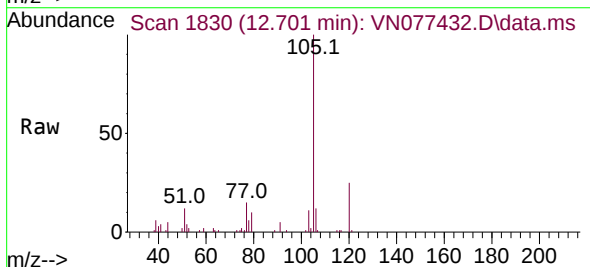
Tgt Ion:152 Resp: 336080
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 157.0 0.0 355.8

Manual Integrations
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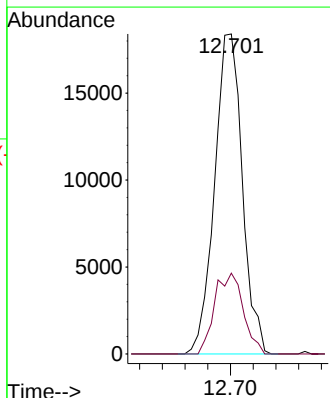
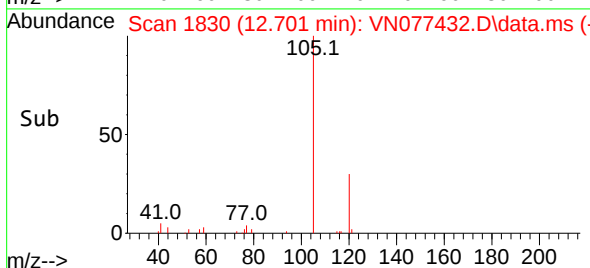
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

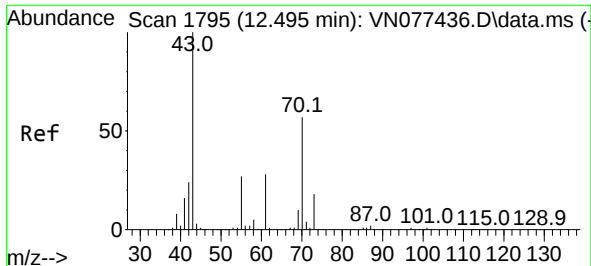


#73
Isopropylbenzene
Concen: 1.001 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14



Tgt Ion:105 Resp: 31216
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1





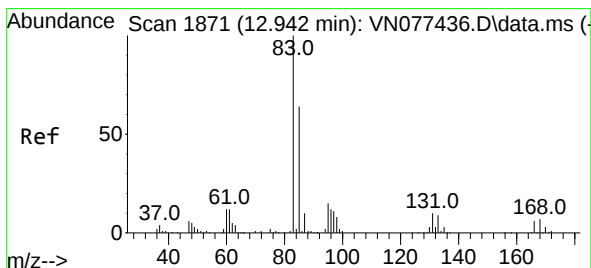
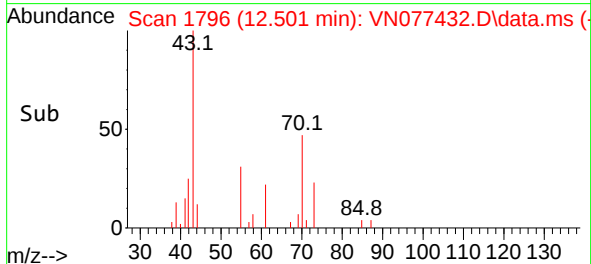
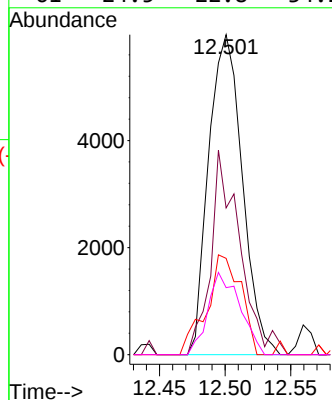
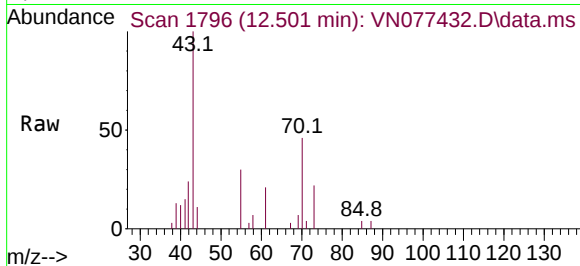
#74
N-amy1 acetate
Concen: 1.157 ug/l
RT: 12.501 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 1068
Ion Ratio	Lower Upper
43 100	
70 55.1	43.4 65.2
55 31.7	21.4 32.0
61 24.5	22.8 34.2

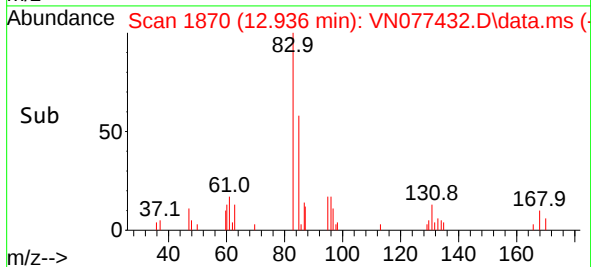
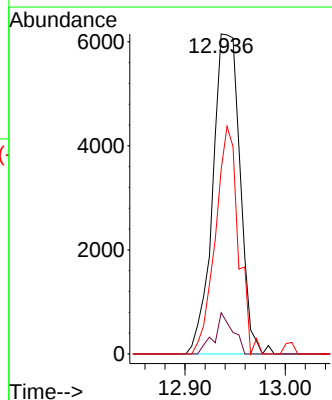
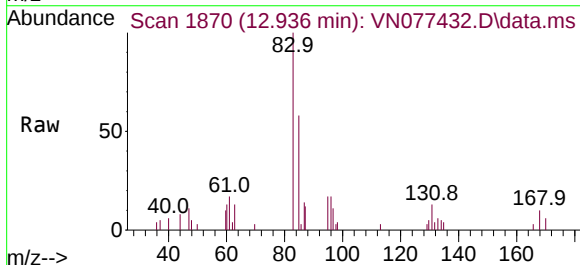
Manual Integrations
APPROVED

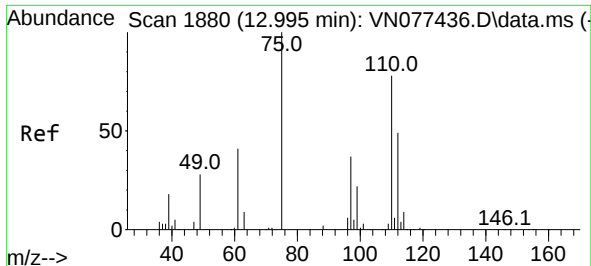
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.186 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 83	Resp: 11622
Ion Ratio	Lower Upper
83 100	
131 8.8	5.0 15.0
85 60.1	31.9 95.7





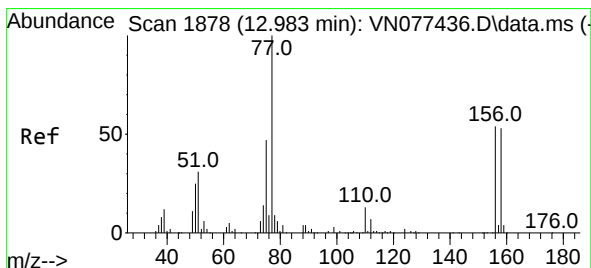
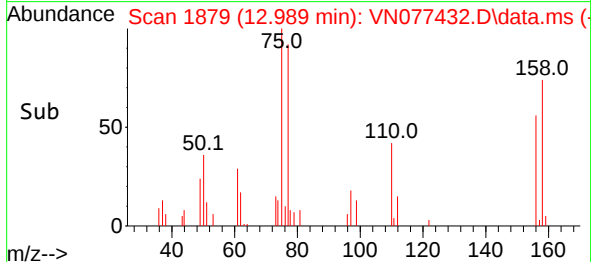
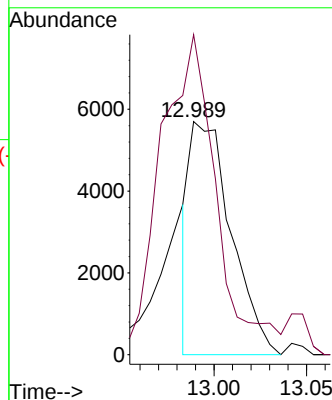
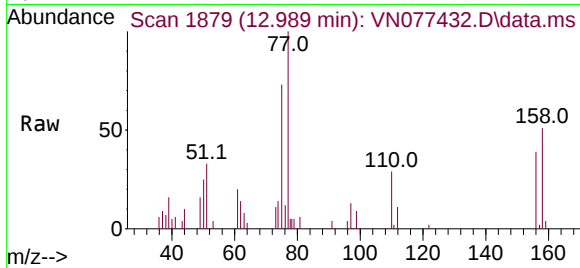
#76
1,2,3-Trichloropropane
Concen: 1.105 ug/l m
RT: 12.989 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
77 184.4 84.5 253.5

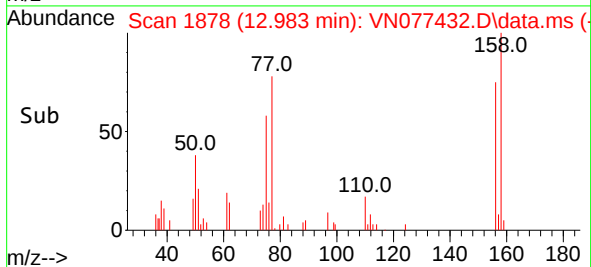
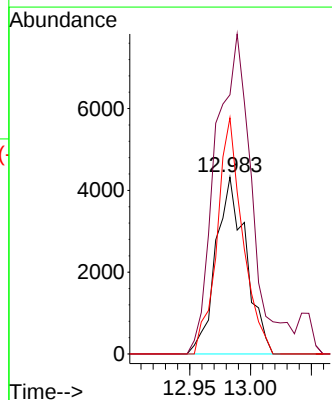
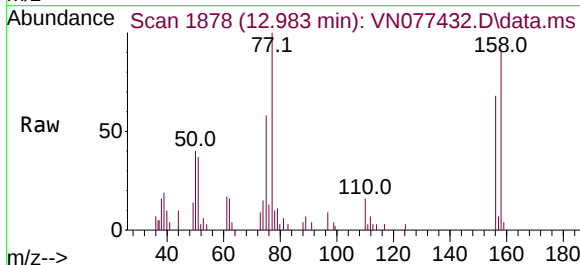
Manual Integrations
APPROVED

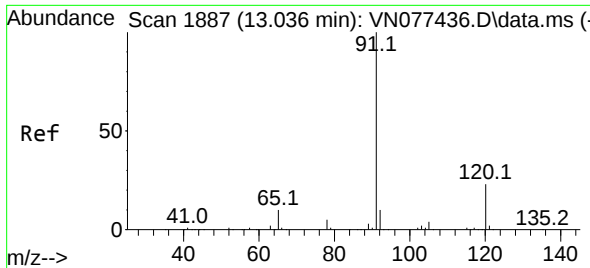
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#77
Bromobenzene
Concen: 1.092 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion:156 Resp: 7423
Ion Ratio Lower Upper
156 100
77 219.2 107.7 323.3
158 114.0 48.4 145.3





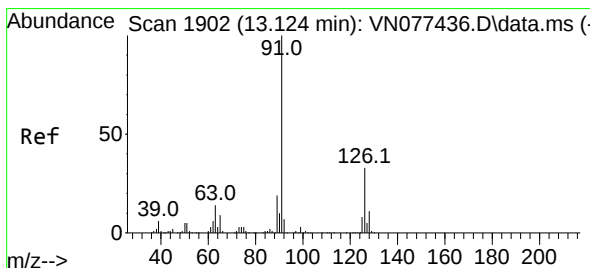
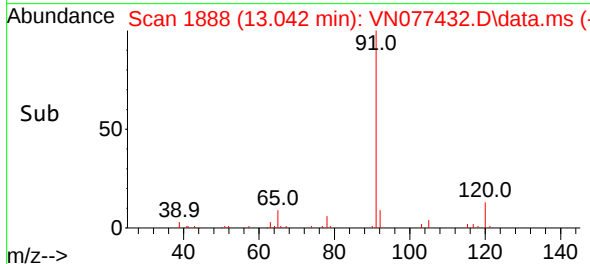
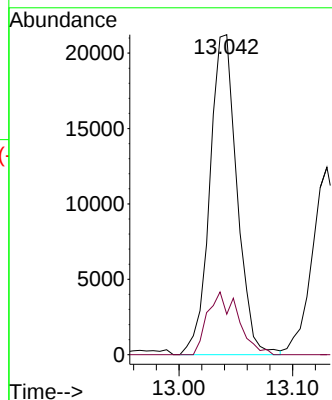
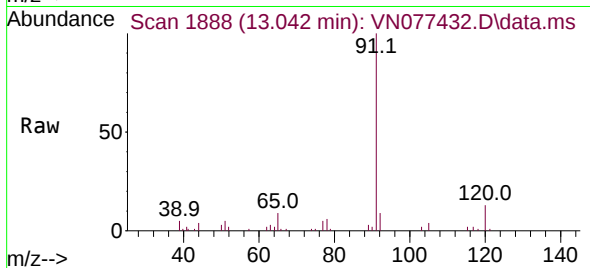
#78
n-propylbenzene
Concen: 1.023 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 3528
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4

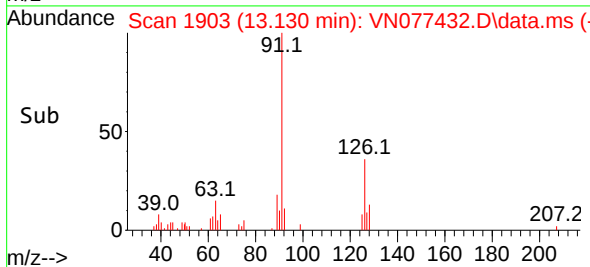
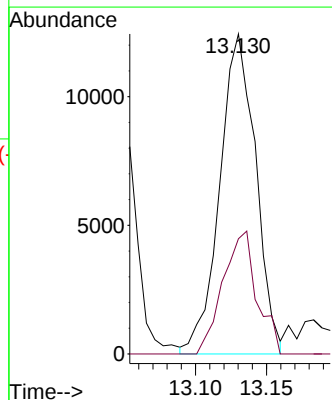
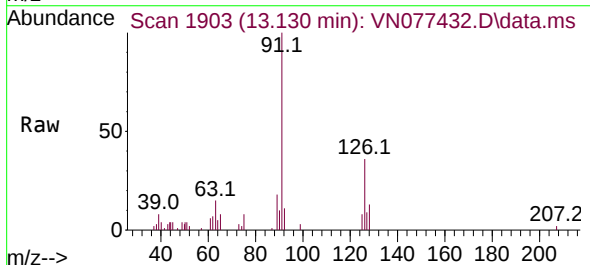
Manual Integrations
APPROVED

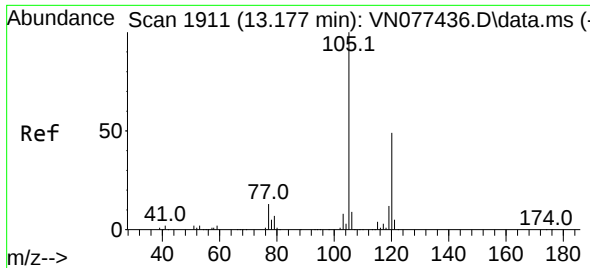
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#79
2-Chlorotoluene
Concen: 1.030 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

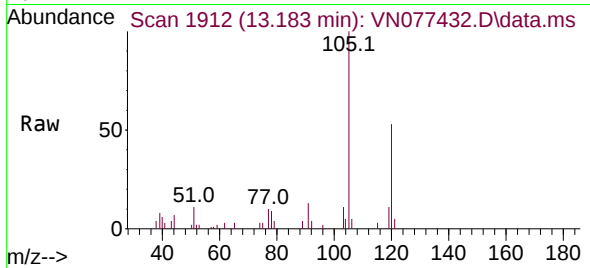
Tgt Ion: 91 Resp: 21905
Ion Ratio Lower Upper
91 100
126 36.3 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 0.832 ug/l
RT: 13.183 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

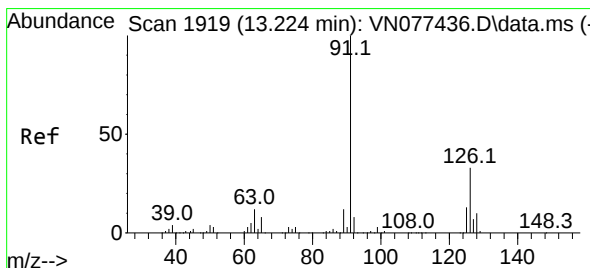
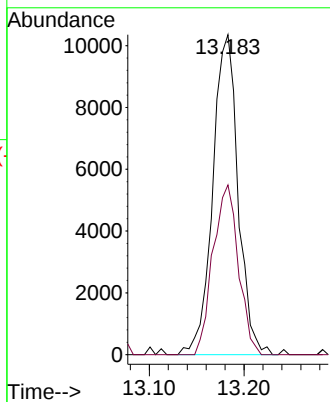
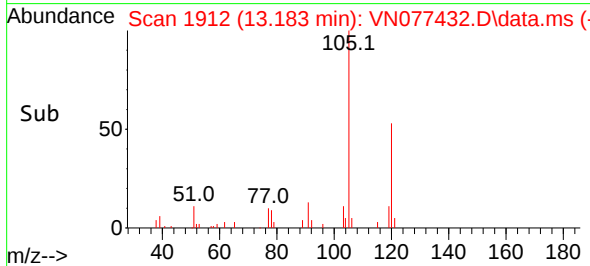
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



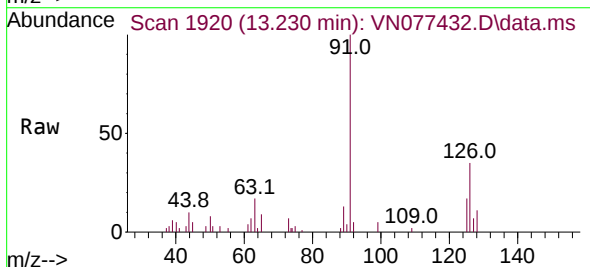
Tgt Ion:105 Resp: 1926
Ion Ratio Lower Upper
105 100
120 53.1 24.1 72.3

Manual Integrations
APPROVED

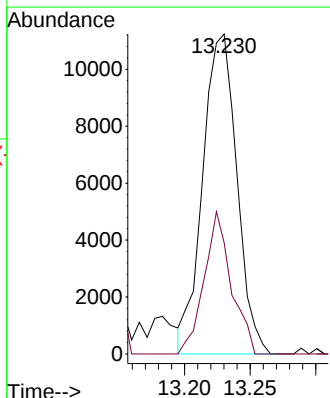
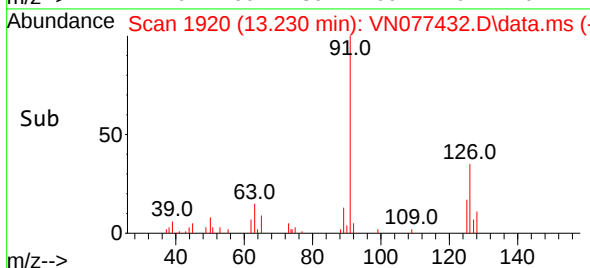
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

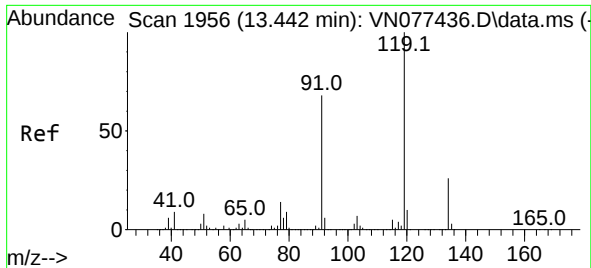


#82
4-Chlorotoluene
Concen: 1.025 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14



Tgt Ion: 91 Resp: 20363
Ion Ratio Lower Upper
91 100
126 35.4 16.7 50.0





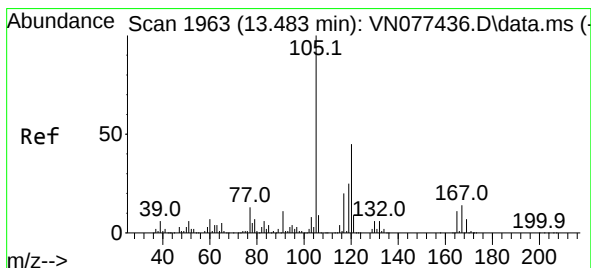
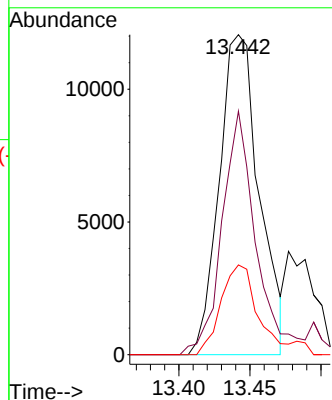
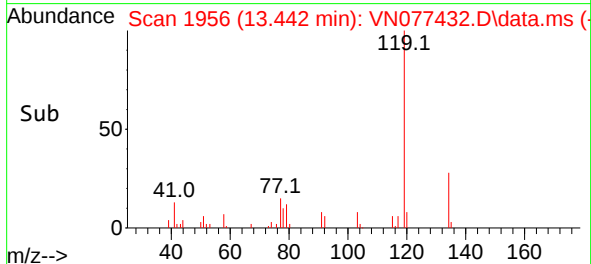
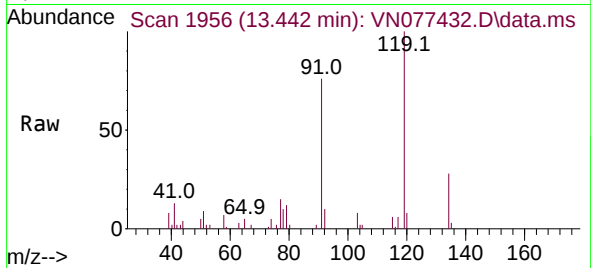
#83
tert-Butylbenzene
Concen: 1.050 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 23618
Ion Ratio Lower Upper
119 100
91 64.6 33.9 101.7
134 27.3 13.2 39.6

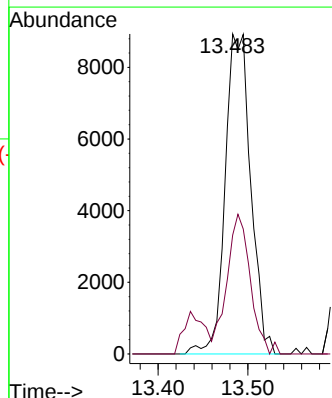
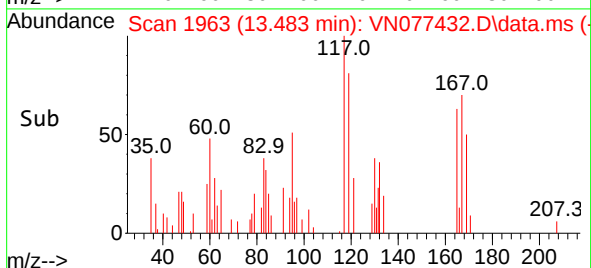
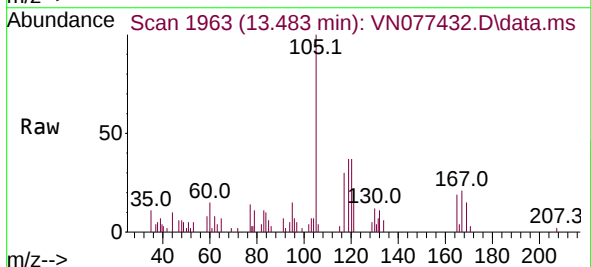
Manual Integrations
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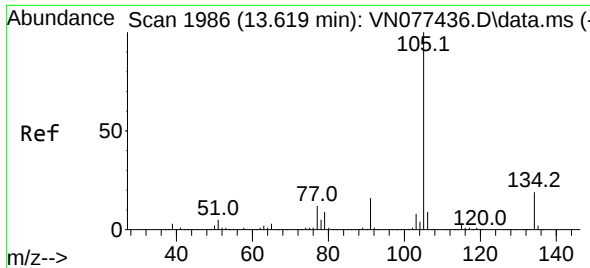
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.815 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion:105 Resp: 17636
Ion Ratio Lower Upper
105 100
120 40.1 22.0 66.0





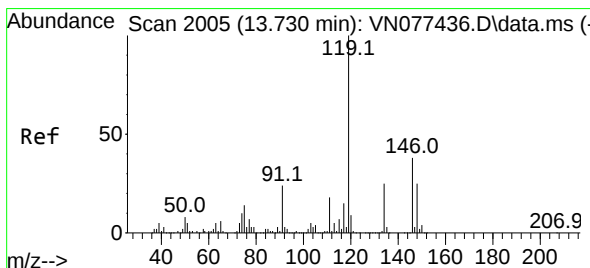
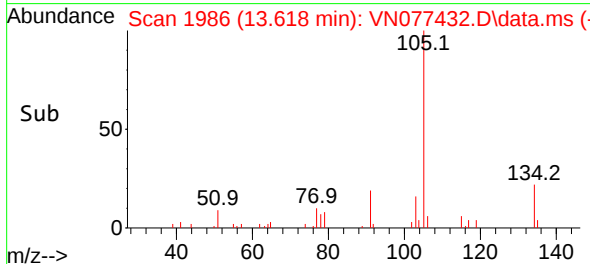
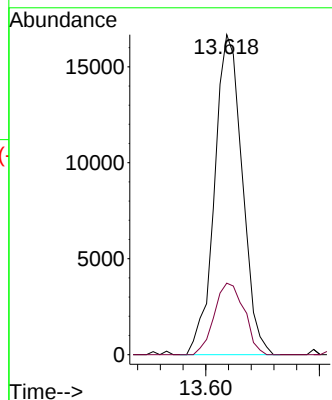
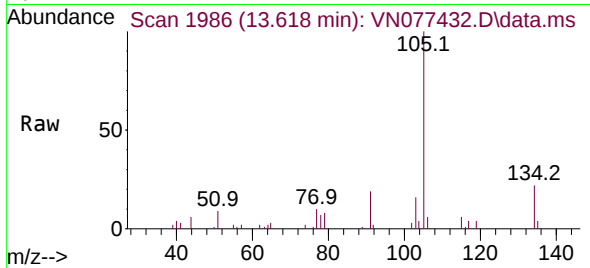
#85
 sec-Butylbenzene
 Concen: 0.916 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 2827
 Ion Ratio Lower Upper
 105 100
 134 24.1 9.8 29.3

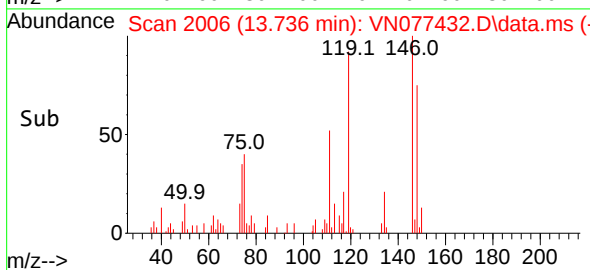
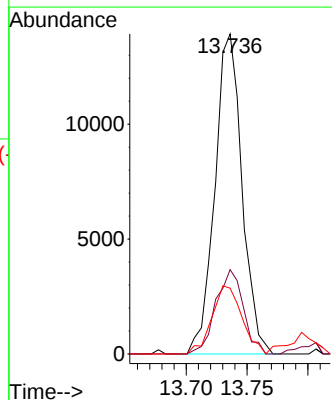
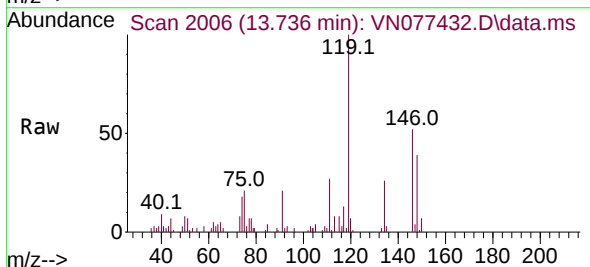
Manual Integrations
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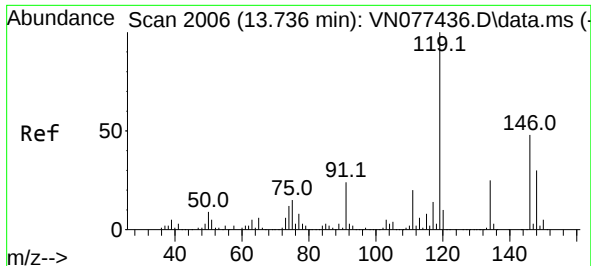
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#86
 p-Isopropyltoluene
 Concen: 0.910 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077432.D
 Acq: 24 Apr 2023 11:14

Tgt Ion:119 Resp: 21606
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 23.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.103 ug/l

RT: 13.730 min Scan# 2006

Delta R.T. -0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

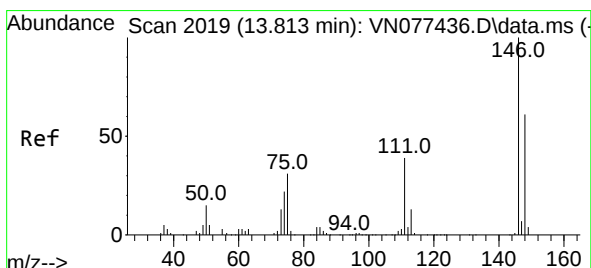
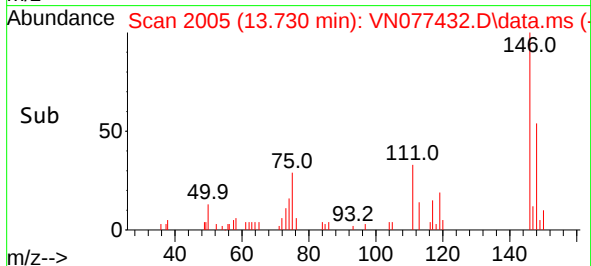
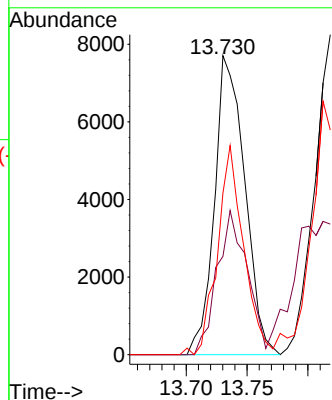
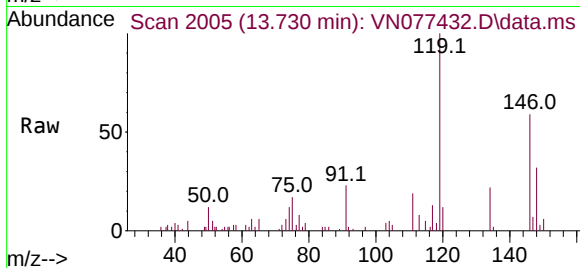
Tgt Ion:146	Resp:	13329
Ion Ratio	Lower	Upper
146	100	
111	47.8	22.1 66.3
148	60.3	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#88

1,4-Dichlorobenzene

Concen: 1.130 ug/l m

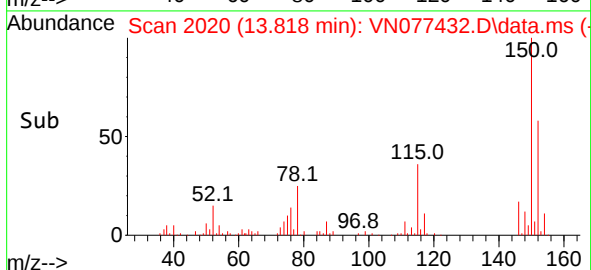
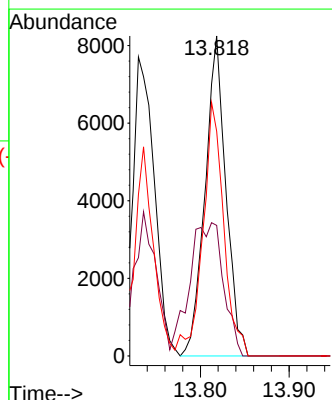
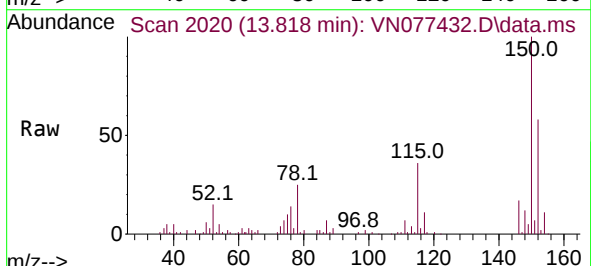
RT: 13.818 min Scan# 2020

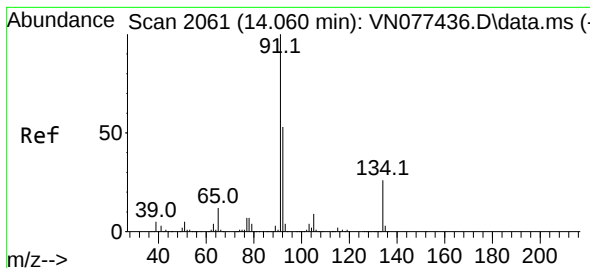
Delta R.T. 0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Tgt Ion:146	Resp:	13477
Ion Ratio	Lower	Upper
146	100	
111	47.3	20.6 61.8
148	59.6	31.6 94.8





#89

n-Butylbenzene

Concen: 0.873 ug/l

RT: 14.065 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

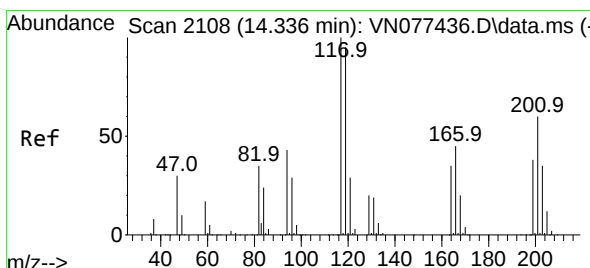
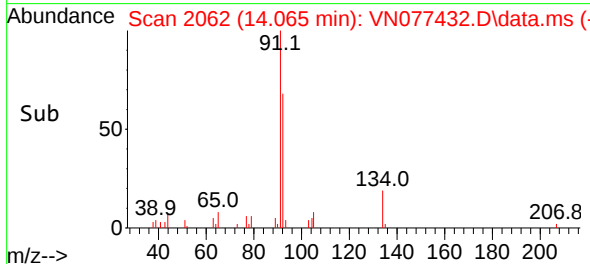
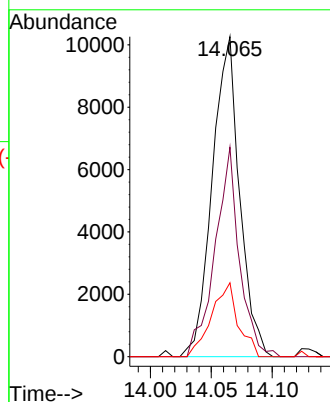
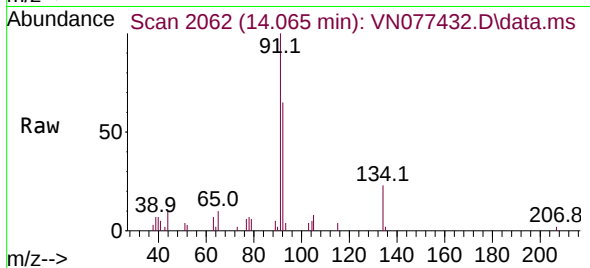
Tgt Ion: 91	Resp: 1604
Ion Ratio	Lower Upper
91	100
92	58.3 26.4 79.0
134	22.6 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#90

Hexachloroethane

Concen: 1.129 ug/l

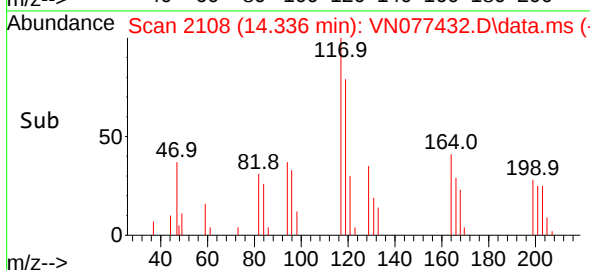
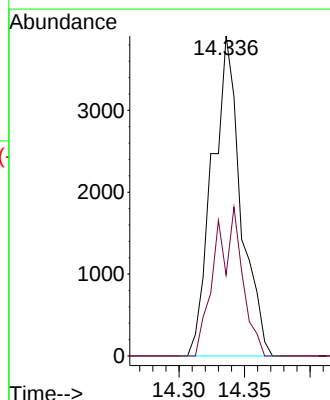
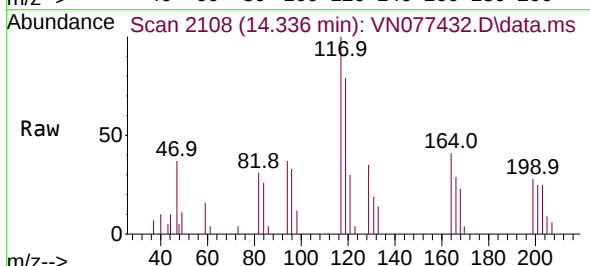
RT: 14.336 min Scan# 2108

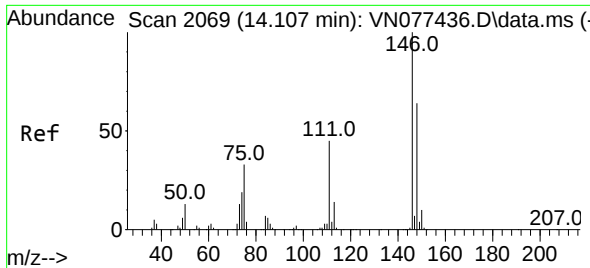
Delta R.T. -0.000 min

Lab File: VN077432.D

Acq: 24 Apr 2023 11:14

Tgt Ion:117	Resp: 5927
Ion Ratio	Lower Upper
117	100
201	44.3 29.3 88.0





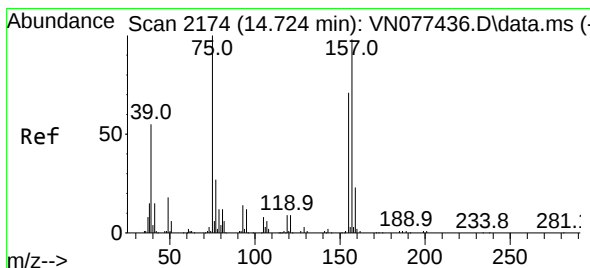
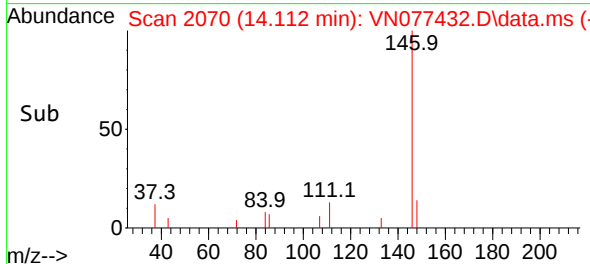
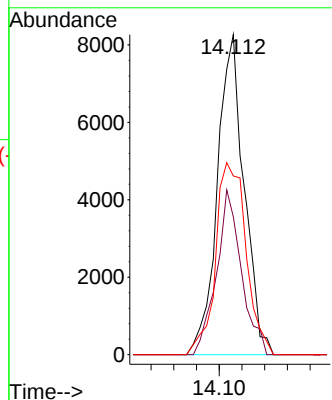
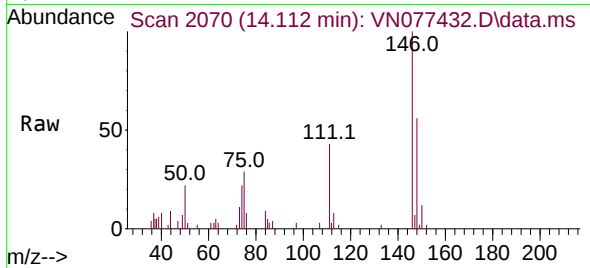
#91
1,2-Dichlorobenzene
Concen: 1.129 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 13538
Ion Ratio Lower Upper
146 100
111 48.1 22.0 66.0
148 68.2 31.8 95.3

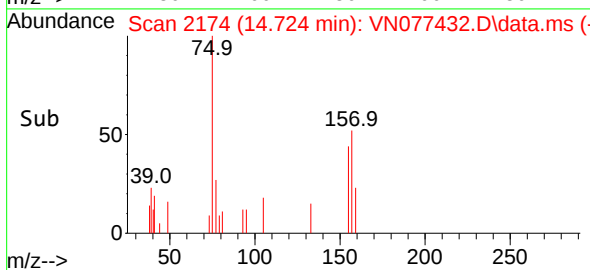
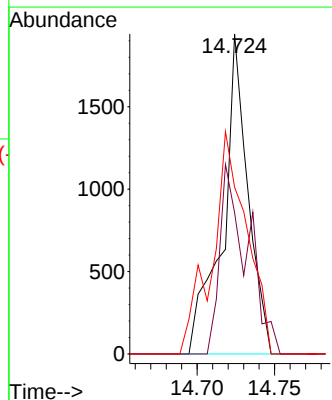
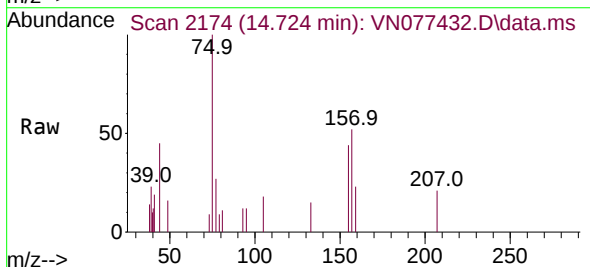
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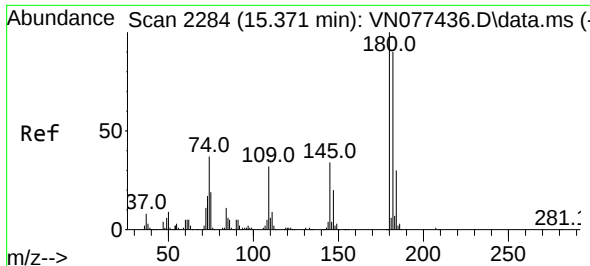
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.215 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion: 75 Resp: 2201
Ion Ratio Lower Upper
75 100
155 65.1 39.1 117.2
157 95.3 50.3 150.9





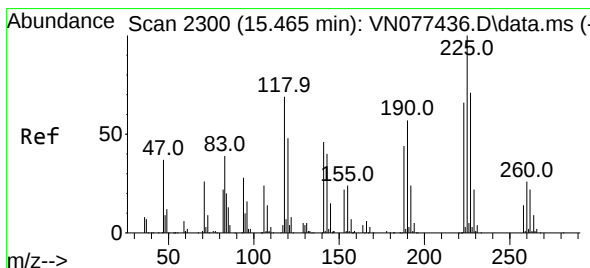
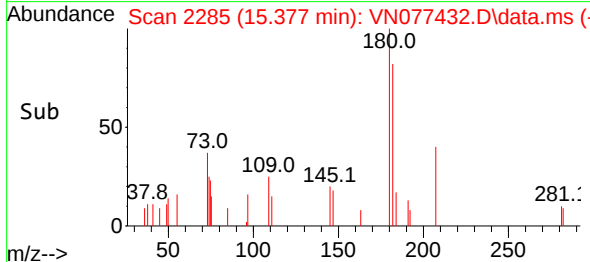
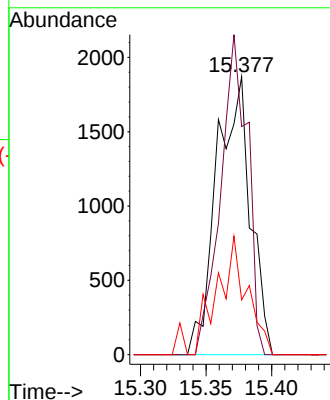
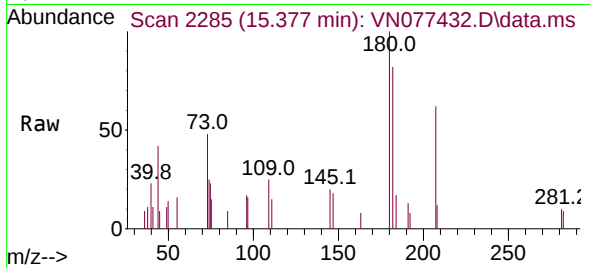
#93
1,2,4-Trichlorobenzene
Concen: 2.158 ug/l
RT: 15.377 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 336
Ion Ratio Lower Upper
180 100
182 91.3 46.1 138.2
145 37.2 16.6 49.8

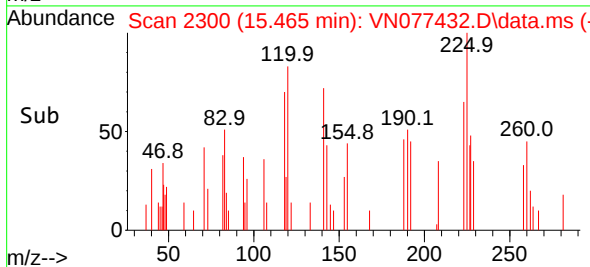
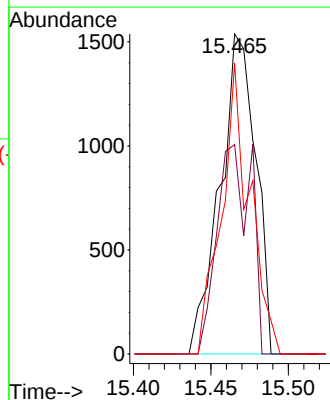
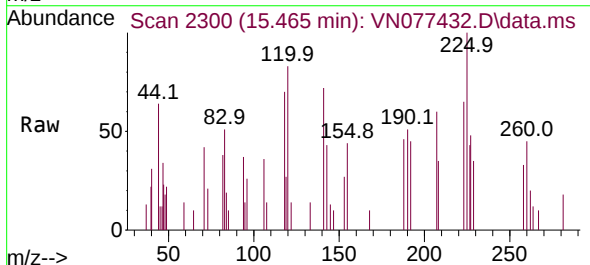
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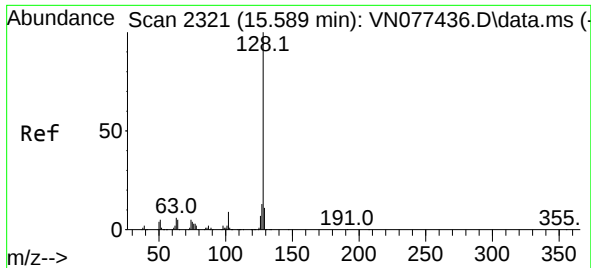
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#94
Hexachlorobutadiene
Concen: 1.017 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

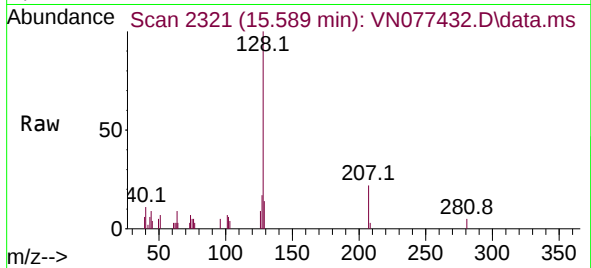
Tgt Ion:225 Resp: 2463
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 72.0 31.9 95.9





#95
Naphthalene
Concen: 2.434 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

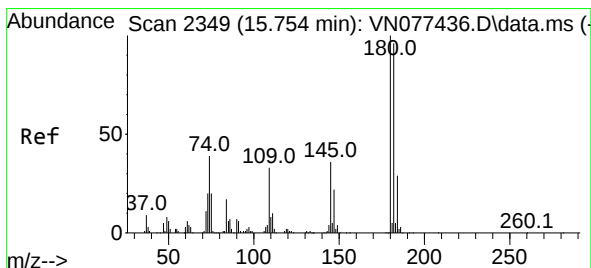
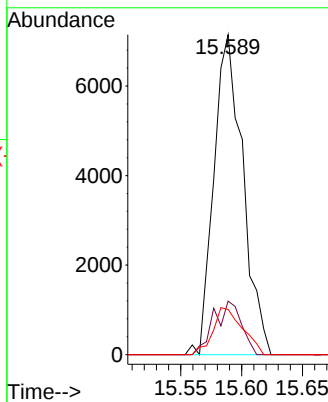
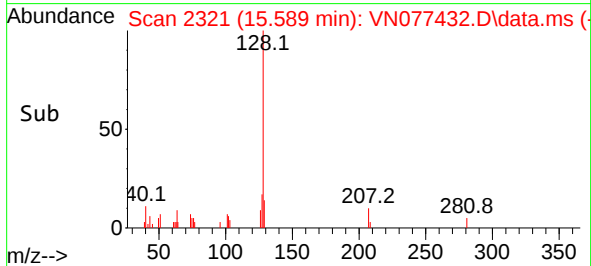
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:128 Resp: 11819
Ion Ratio Lower Upper
128 100
127 16.0 10.0 15.0
129 15.0 8.7 13.1

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Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 2.201 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077432.D
Acq: 24 Apr 2023 11:14

Tgt Ion:180 Resp: 3913
Ion Ratio Lower Upper
180 100
182 86.5 46.2 138.6
145 37.2 17.5 52.6

