

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077632.D
 Acq On : 09 May 2023 15:08
 Operator : JC\MD
 Sample : VN0509WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBS01

Quant Time: May 10 04:44:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/10/2023
 Supervised By : Mahesh Dadoda 05/10/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	646389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1168304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1090919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	442304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	432617	52.773	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.540%			
35) Dibromofluoromethane	8.172	113	378348	51.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.860%			
50) Toluene-d8	10.566	98	1551868	56.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.500%			
62) 4-Bromofluorobenzene	12.848	95	520828	55.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	150416	20.818	ug/l	96
3) Chloromethane	2.372	50	118769	18.236	ug/l	99
4) Vinyl Chloride	2.525	62	160228	18.589	ug/l	99
5) Bromomethane	2.966	94	136735	19.981	ug/l	99
6) Chloroethane	3.137	64	106234	17.774	ug/l	99
7) Trichlorofluoromethane	3.513	101	287039	21.245	ug/l	100
8) Diethyl Ether	3.972	74	77291	19.459	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	135854	20.123	ug/l	99
10) Methyl Iodide	4.595	142	185380	18.686	ug/l	98
11) Tert butyl alcohol	5.531	59	93788	97.255	ug/l #	88
12) 1,1-Dichloroethene	4.354	96	128769	20.073	ug/l	97
13) Acrolein	4.190	56	92167	98.612	ug/l	95
14) Allyl chloride	5.031	41	121096	19.006	ug/l #	88
15) Acrylonitrile	5.731	53	235260	98.629	ug/l	98
16) Acetone	4.437	43	183119	94.065	ug/l	93
17) Carbon Disulfide	4.719	76	299532	19.417	ug/l	96
18) Methyl Acetate	5.031	43	146948	19.043	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	402406	19.063	ug/l	99
20) Methylene Chloride	5.284	84	149838	18.573	ug/l	92
21) trans-1,2-Dichloroethene	5.801	96	135984	18.741	ug/l	98
22) Diisopropyl ether	6.684	45	301326	19.158	ug/l	95
23) Vinyl Acetate	6.613	43	765878	87.861	ug/l	99
24) 1,1-Dichloroethane	6.578	63	227410	19.072	ug/l	98
25) 2-Butanone	7.489	43	266869	93.792	ug/l	92
26) 2,2-Dichloropropane	7.495	77	214702	19.869	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	162942	18.460	ug/l	96
28) Bromochloromethane	7.819	49	92196	21.191	ug/l	89
29) Tetrahydrofuran	7.848	42	163464	93.525	ug/l	95
30) Chloroform	7.972	83	267197	18.908	ug/l	94
31) Cyclohexane	8.266	56	194869	18.601	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	245926	18.901	ug/l	96
36) 1,1-Dichloropropene	8.377	75	189797	18.875	ug/l	100
37) Ethyl Acetate	7.572	43	110014	19.134	ug/l	98
38) Carbon Tetrachloride	8.366	117	212394	19.334	ug/l	93
39) Methylcyclohexane	9.601	83	245307	19.652	ug/l	98
40) Benzene	8.613	78	578642	19.022	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	56282	17.916	ug/l	87
42) 1,2-Dichloroethane	8.672	62	195529	19.168	ug/l	99
43) Isopropyl Acetate	8.695	43	195025	19.346	ug/l	93
44) Trichloroethene	9.360	130	151769	18.993	ug/l	91
45) 1,2-Dichloropropane	9.624	63	130219	18.617	ug/l	100
46) Dibromomethane	9.707	93	103645	19.049	ug/l	94
47) Bromodichloromethane	9.889	83	203445	19.144	ug/l	94
48) Methyl methacrylate	9.683	41	89411	18.897	ug/l	96
49) 1,4-Dioxane	9.701	88	54793	389.395	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	584400	98.538	ug/l	98
52) Toluene	10.630	92	405228	20.028	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	204944	19.793	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	229999	19.525	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	151496	19.311	ug/l	96
56) Ethyl methacrylate	10.877	69	194191	19.628	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	247549	19.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	472676	115.878	ug/l	95
59) 2-Hexanone	11.201	43	420180	100.243	ug/l	96
60) Dibromochloromethane	11.360	129	153340	19.689	ug/l	98
61) 1,2-Dibromoethane	11.471	107	152709	19.799	ug/l	98
64) Tetrachloroethene	11.107	164	120714	18.593	ug/l	96
65) Chlorobenzene	11.895	112	431889	19.260	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	155881	19.295	ug/l	99
67) Ethyl Benzene	11.966	91	779758	19.807	ug/l	98
68) m/p-Xylenes	12.071	106	622288	39.923	ug/l	100
69) o-Xylene	12.401	106	304322	19.478	ug/l	98
70) Styrene	12.413	104	484667	20.255	ug/l	99
71) Bromoform	12.577	173	89657	18.287	ug/l #	100
73) Isopropylbenzene	12.701	105	785366	19.904	ug/l	100
74) N-amyl acetate	12.495	43	165580	19.015	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	197024	18.164	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	171276m	18.765	ug/l	
77) Bromobenzene	12.983	156	165444	18.933	ug/l	95
78) n-propylbenzene	13.036	91	854453	20.174	ug/l	99
79) 2-Chlorotoluene	13.124	91	518296	19.213	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	627260	20.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	52645	18.365	ug/l	95
82) 4-Chlorotoluene	13.224	91	490513	19.389	ug/l	98
83) tert-Butylbenzene	13.442	119	560290	19.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	599570	21.136	ug/l	99
85) sec-Butylbenzene	13.618	105	785257	20.566	ug/l	99
86) p-Isopropyltoluene	13.730	119	610609	20.450	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	303408	19.976	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	293853	19.462	ug/l	99
89) n-Butylbenzene	14.059	91	473789	20.024	ug/l	99
90) Hexachloroethane	14.336	117	107437	18.763	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	287090	19.012	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	34624	18.037	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	83410	16.326	ug/l	99
94) Hexachlorobutadiene	15.506	225	61004	18.908	ug/l	97
95) Naphthalene	15.642	128	274365	15.865	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	75374	15.917	ug/l	98

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ClientSampleId :
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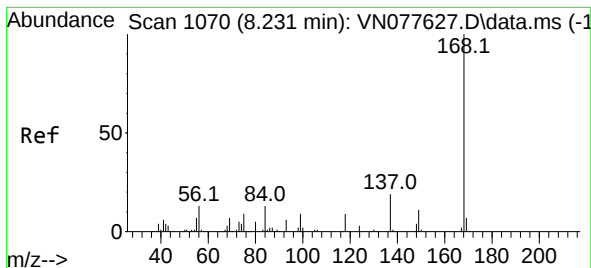
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/10/2023

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Quant Title : SW846 8260
QLast Update : Tue May 09 13:52:31 2023
Response via : Initial Calibration

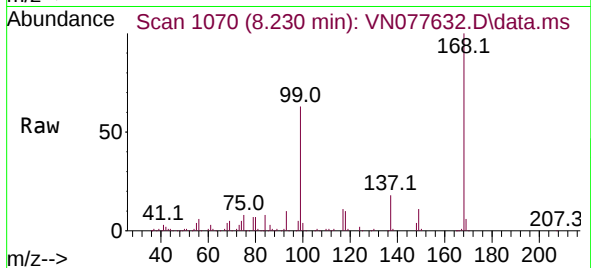
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

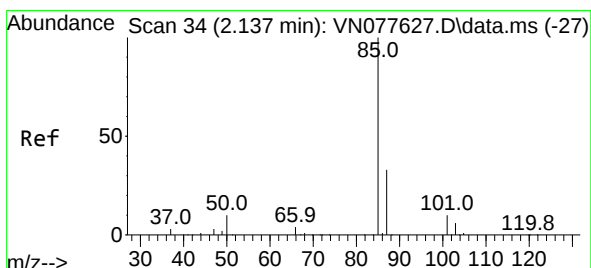
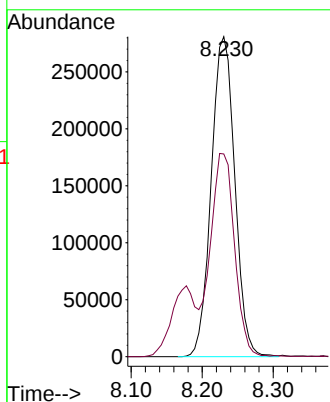
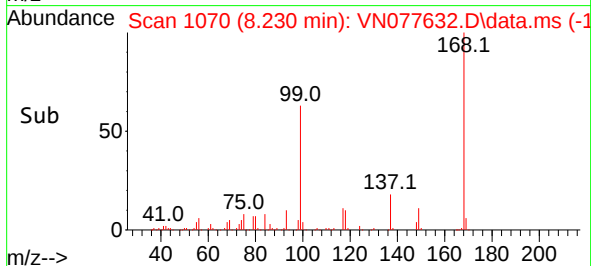
Instrument :
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ClientSampleId :
VN0509WBS01



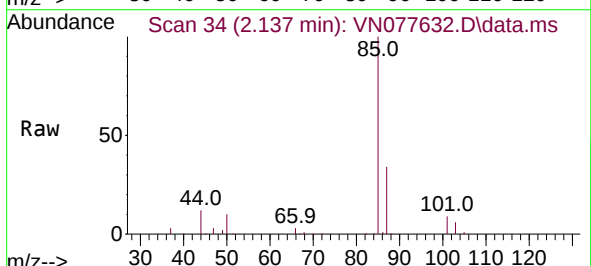
Tgt Ion:168 Resp: 646389
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6

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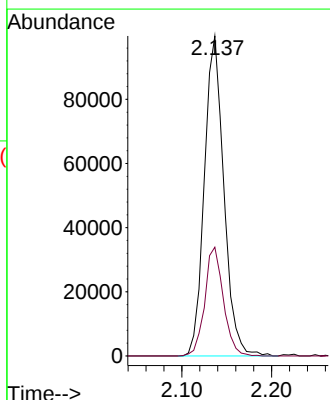
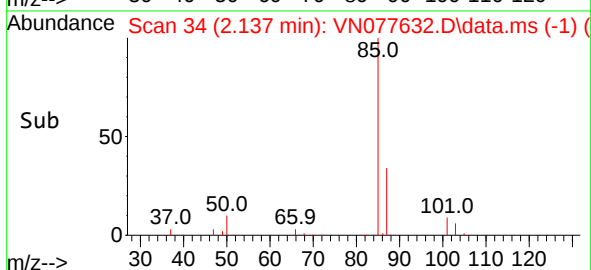
Reviewed By :John Carlone 05/10/2023
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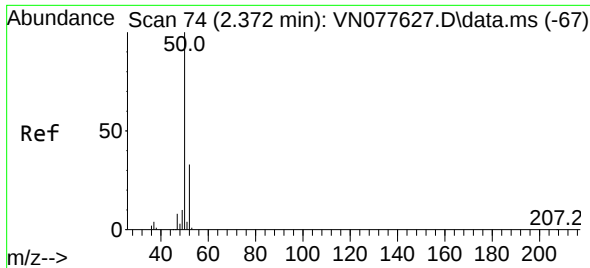


#2
Dichlorodifluoromethane
Concen: 20.818 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



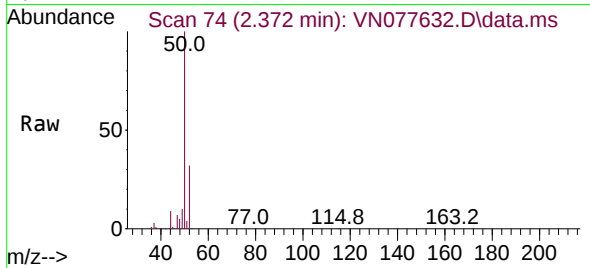
Tgt Ion: 85 Resp: 150416
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4





#3
Chloromethane
Concen: 18.236 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

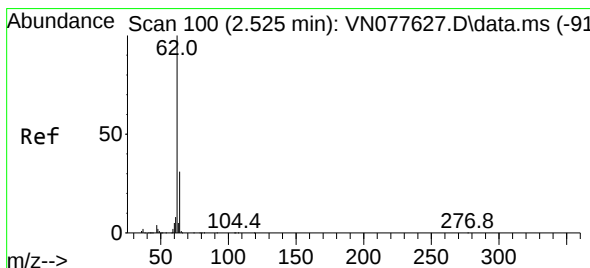
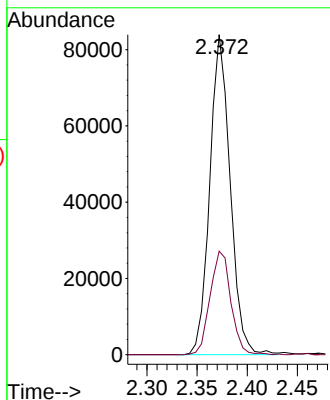
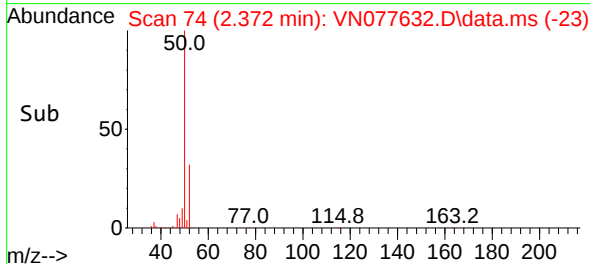
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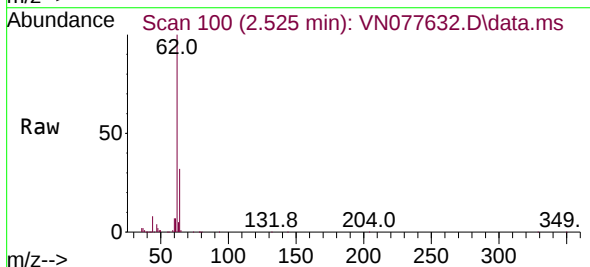
Tgt Ion: 50 Resp: 118769
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

Manual Integrations
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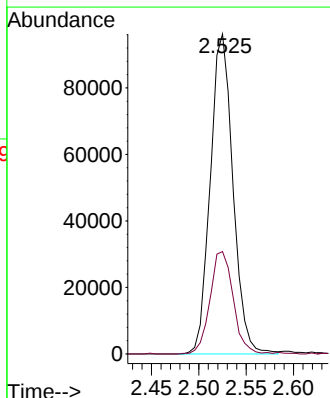
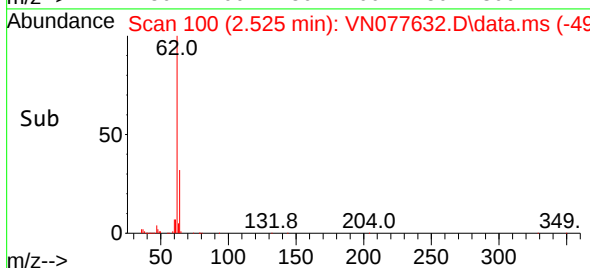
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

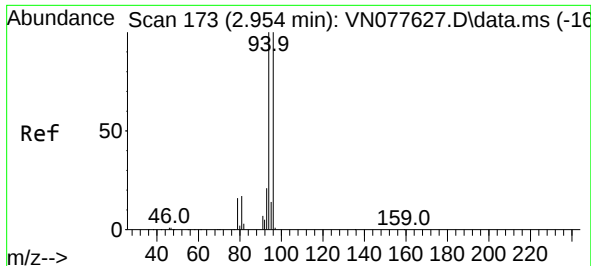


#4
Vinyl Chloride
Concen: 18.589 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



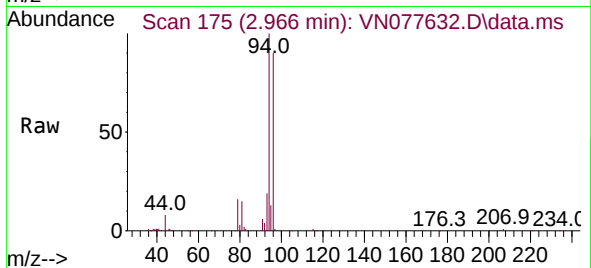
Tgt Ion: 62 Resp: 160228
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 19.981 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

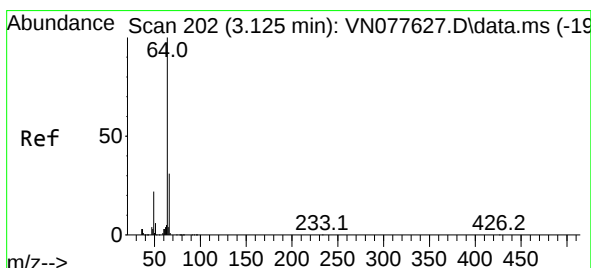
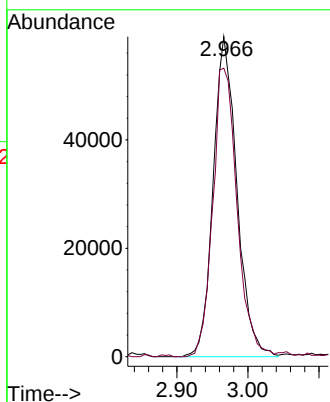
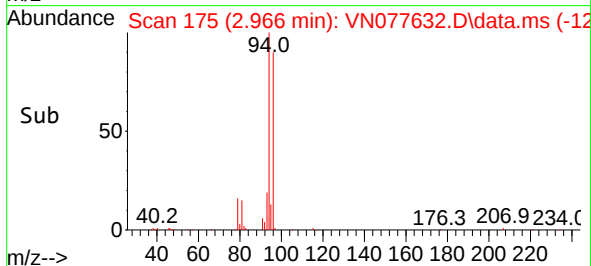
Instrument :
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Tgt Ion: 94 Resp: 13673
Ion Ratio Lower Upper
94 100
96 90.2 73.1 109.7

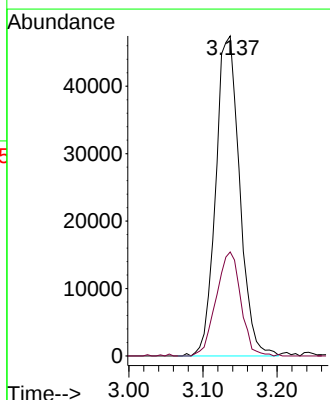
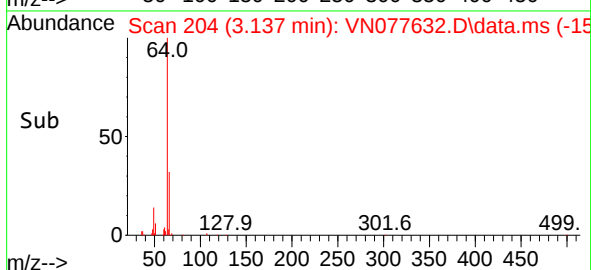
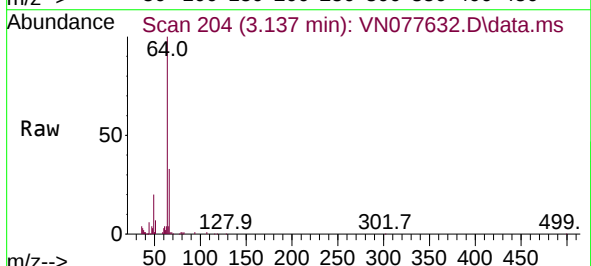
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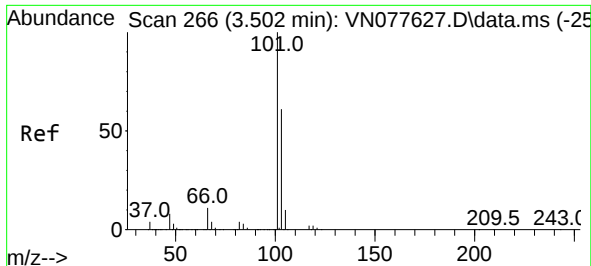
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#6
Chloroethane
Concen: 17.774 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077632.D
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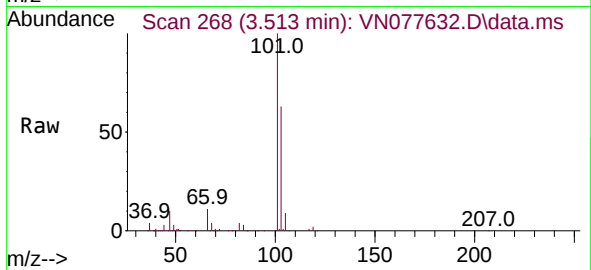
Tgt Ion: 64 Resp: 106234
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 21.245 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: VN077632.D
 Acq: 09 May 2023 15:08

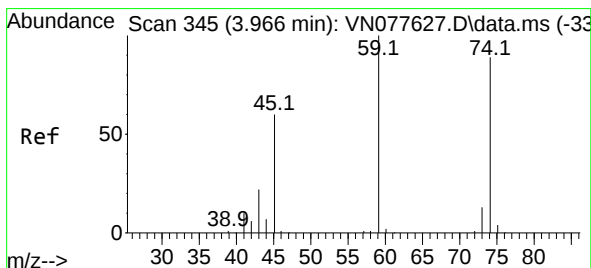
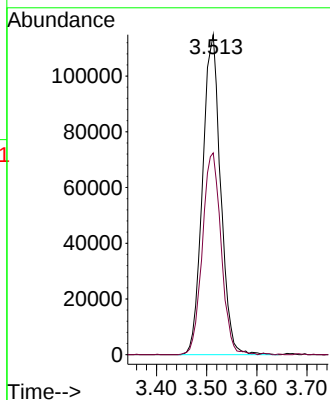
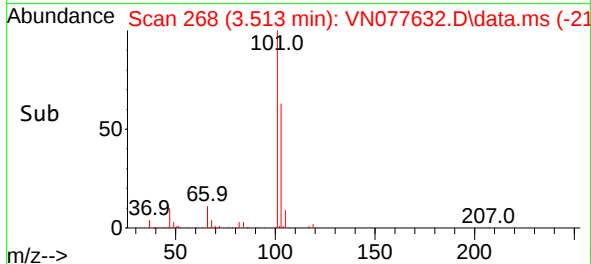
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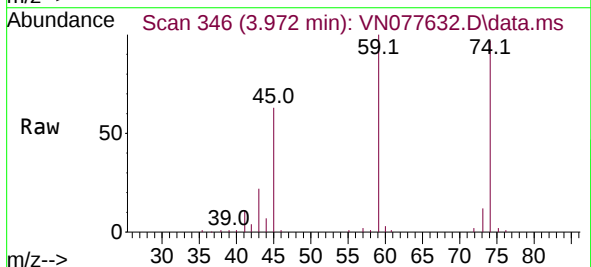
Tgt Ion:101 Resp: 287039
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.7 76.1

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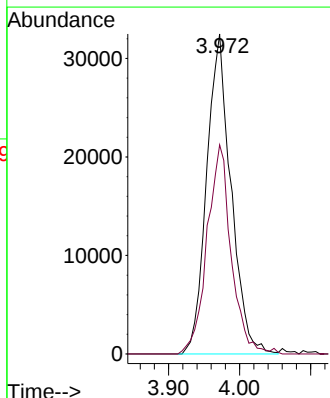
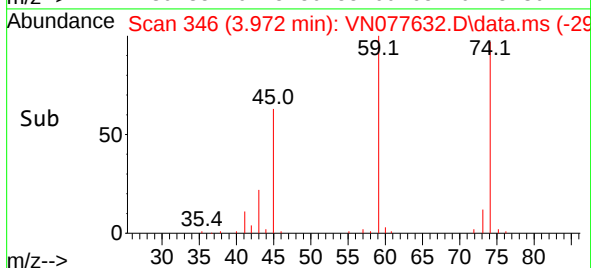
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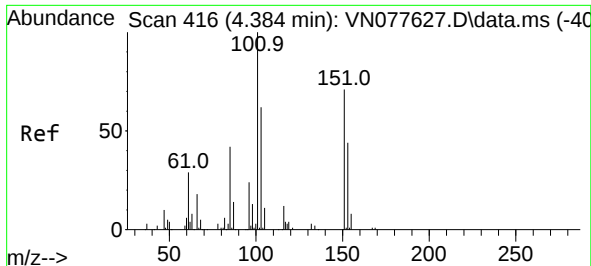


#8
 Diethyl Ether
 Concen: 19.459 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 77291
 Ion Ratio Lower Upper
 74 100
 45 64.9 34.4 103.3





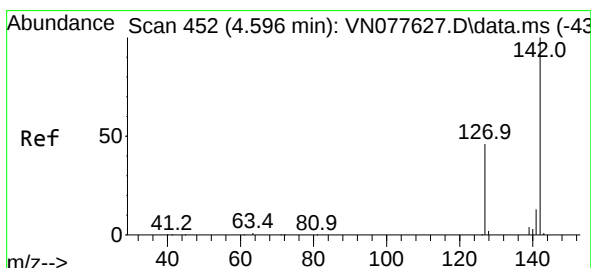
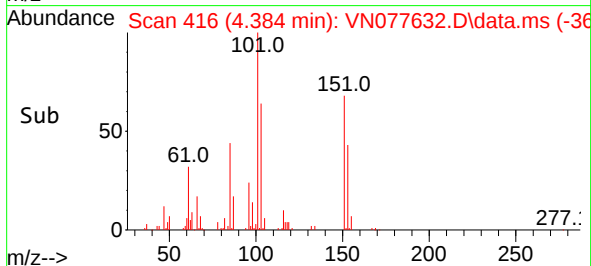
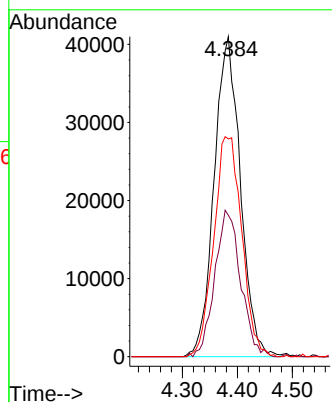
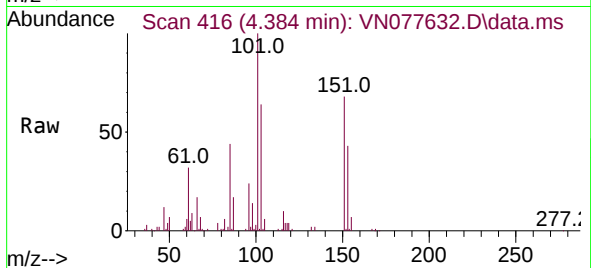
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.123 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion:101 Resp: 135854
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 73.4 57.6 86.4

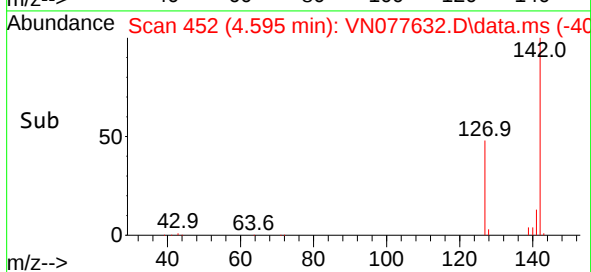
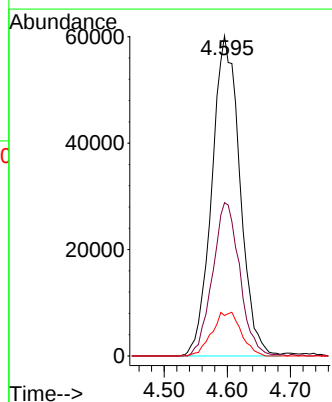
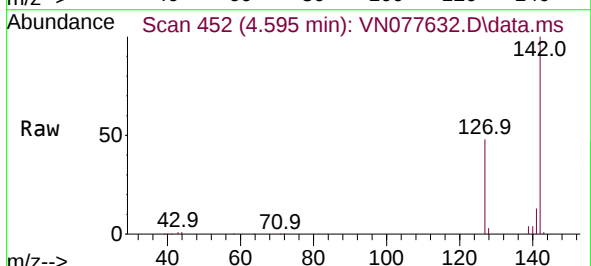
Manual Integrations
APPROVED

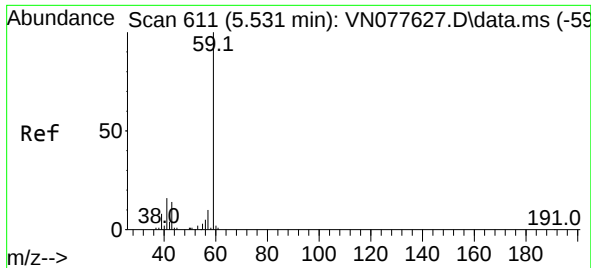
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 18.686 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

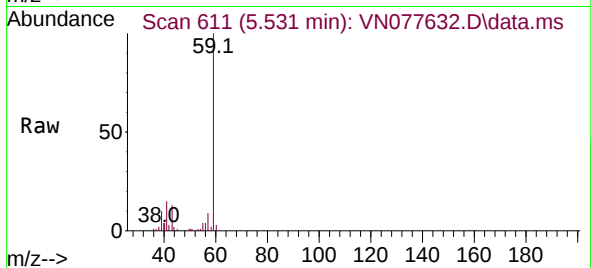
Tgt Ion:142 Resp: 185380
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 12.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 97.255 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

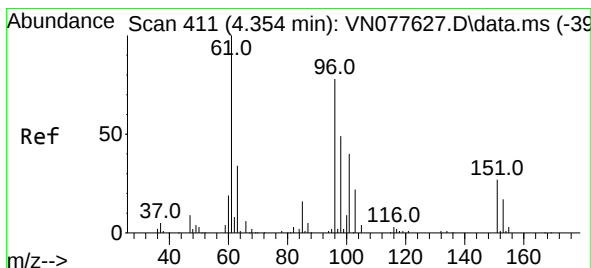
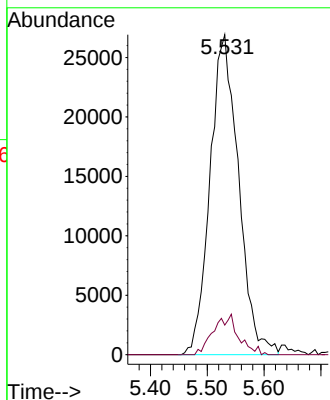
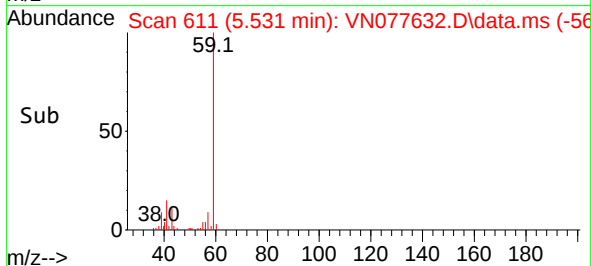
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



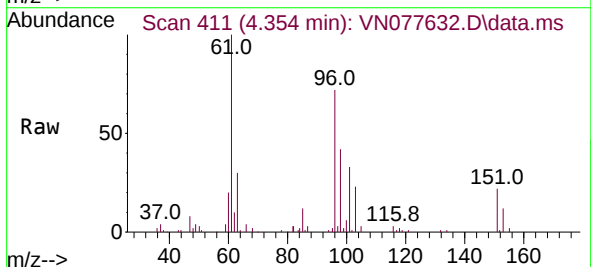
Tgt Ion: 59 Resp: 9378
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4

Manual Integrations
APPROVED

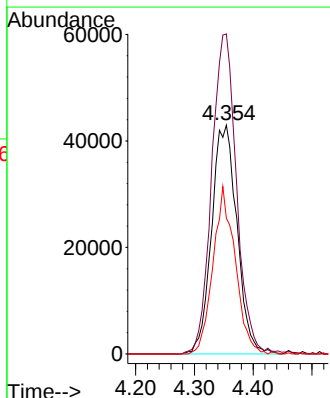
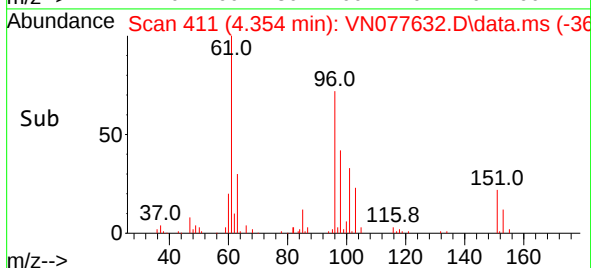
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

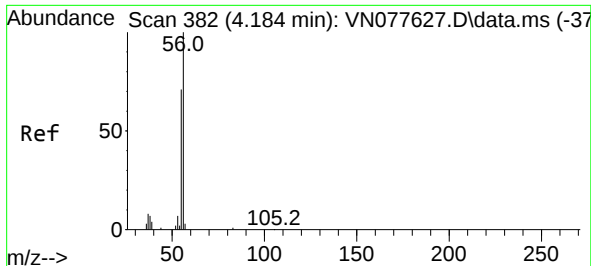


#12
1,1-Dichloroethene
Concen: 20.073 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



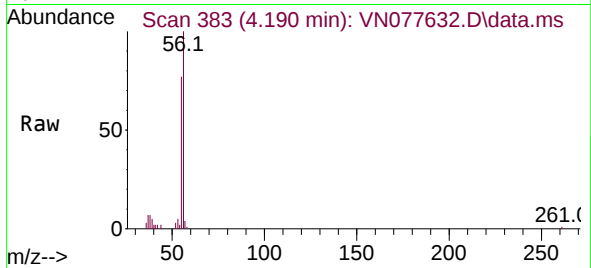
Tgt Ion: 96 Resp: 128769
Ion Ratio Lower Upper
96 100
61 139.8 112.7 169.1
98 59.3 51.2 76.8





#13
Acrolein
Concen: 98.612 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

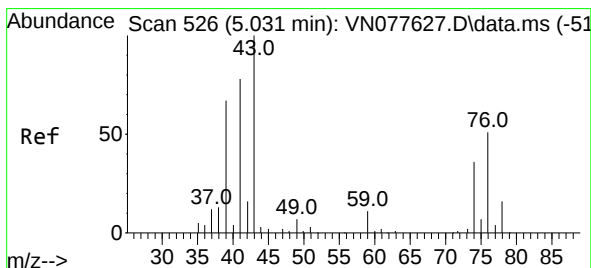
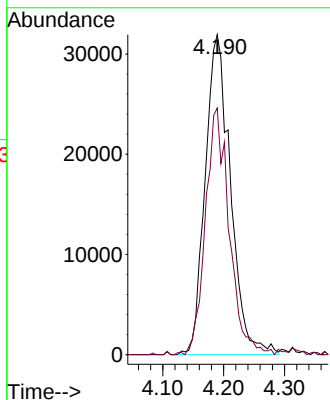
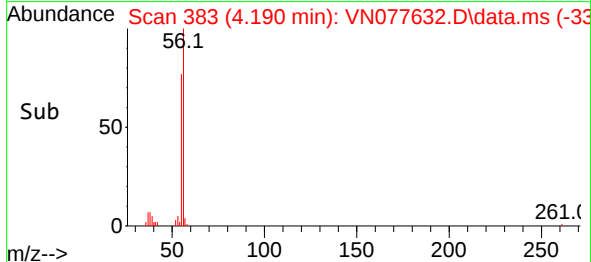
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 56 Resp: 9216
Ion Ratio Lower Upper
56 100
55 72.5 54.5 81.7

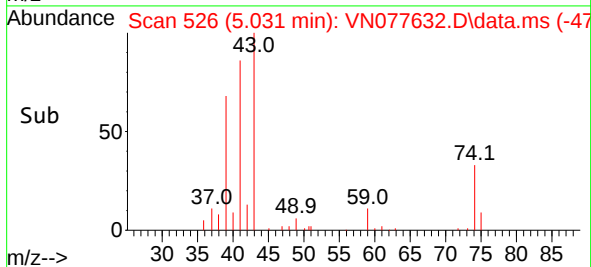
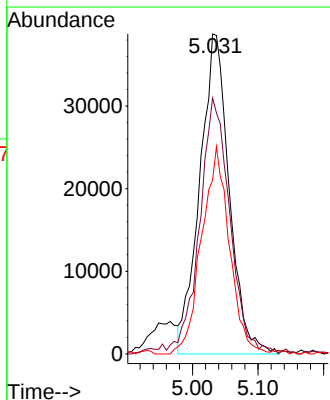
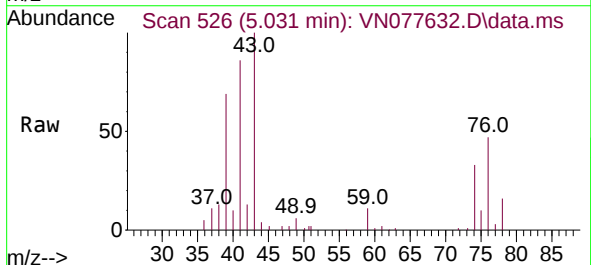
Manual Integrations
APPROVED

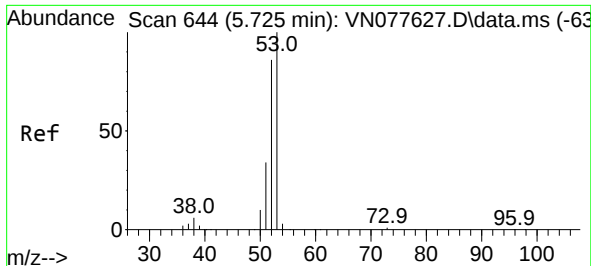
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#14
Allyl chloride
Concen: 19.006 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

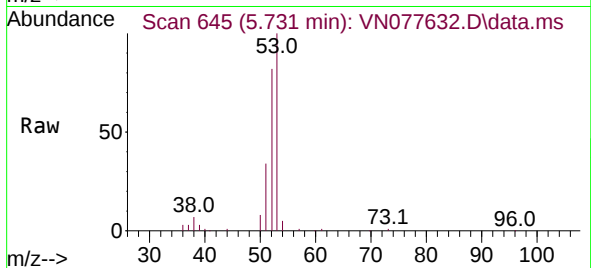
Tgt Ion: 41 Resp: 121096
Ion Ratio Lower Upper
41 100
39 80.4 58.8 88.2
76 60.8 39.1 58.7#





#15
Acrylonitrile
Concen: 98.629 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

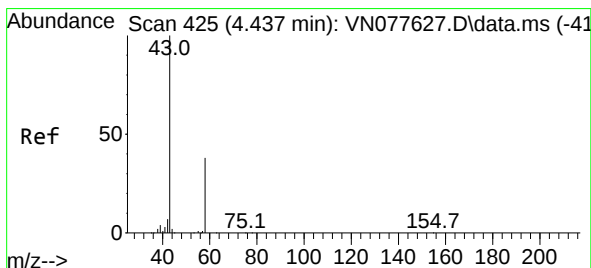
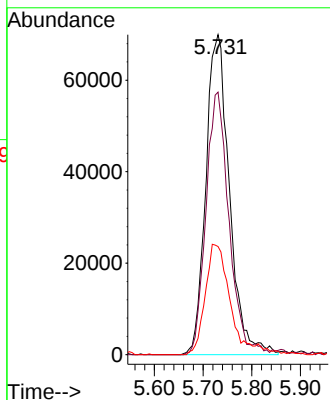
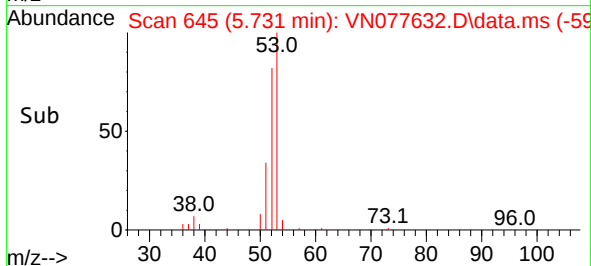
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



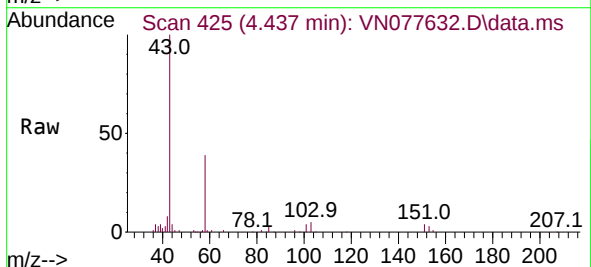
Tgt Ion: 53 Resp: 235260
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

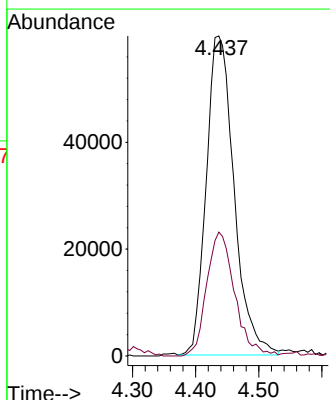
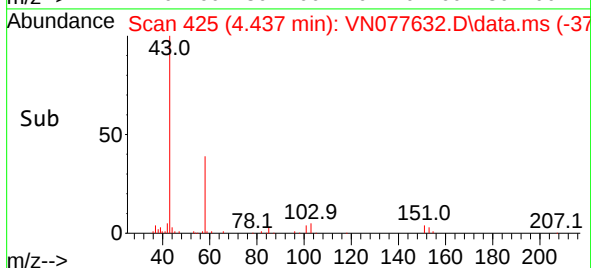
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

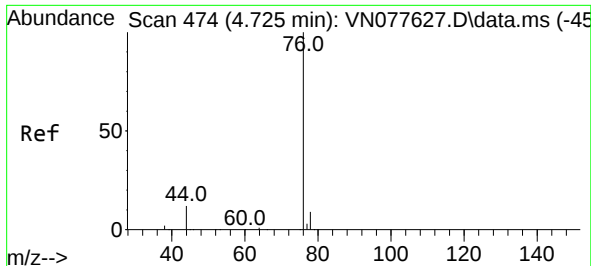


#16
Acetone
Concen: 94.065 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



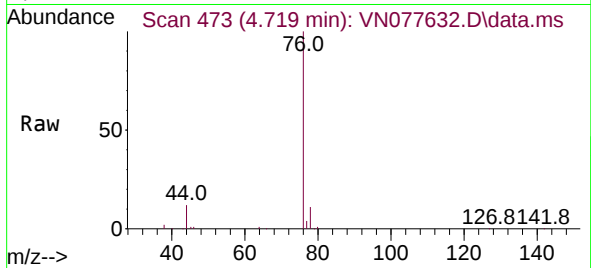
Tgt Ion: 43 Resp: 183119
Ion Ratio Lower Upper
43 100
58 38.8 28.0 42.0





#17
Carbon Disulfide
Concen: 19.417 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

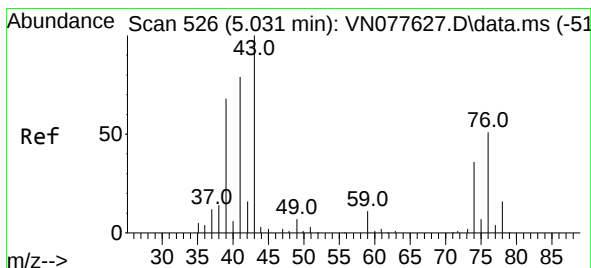
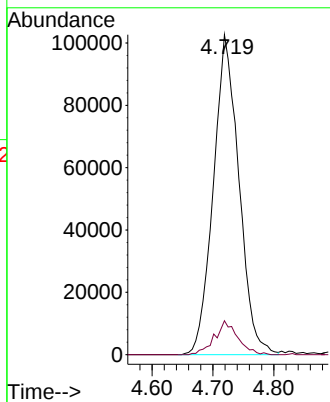
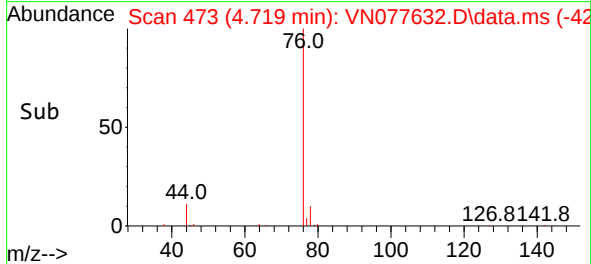
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 76 Resp: 299532
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

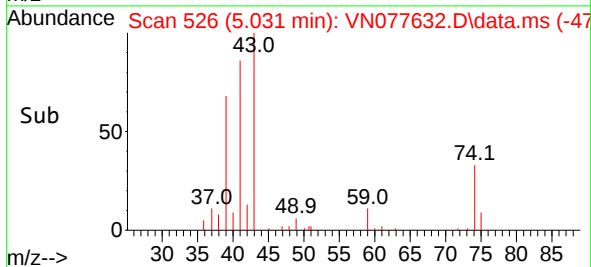
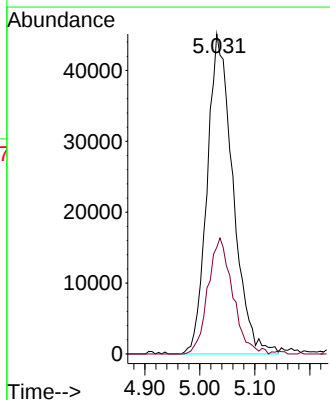
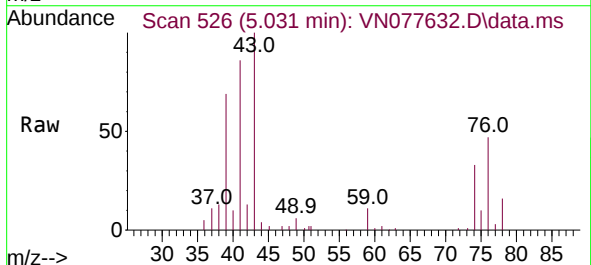
Manual Integrations
APPROVED

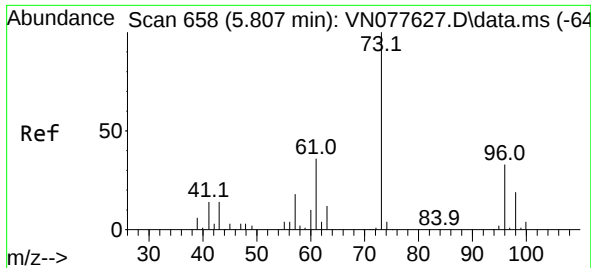
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#18
Methyl Acetate
Concen: 19.043 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion: 43 Resp: 146948
Ion Ratio Lower Upper
43 100
74 34.8 26.2 39.4





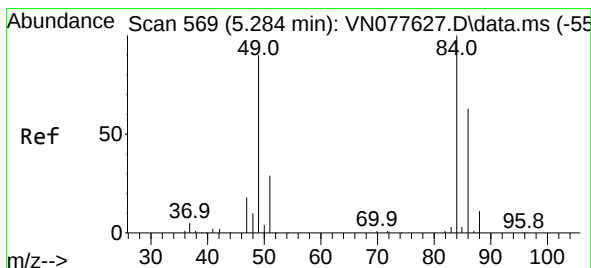
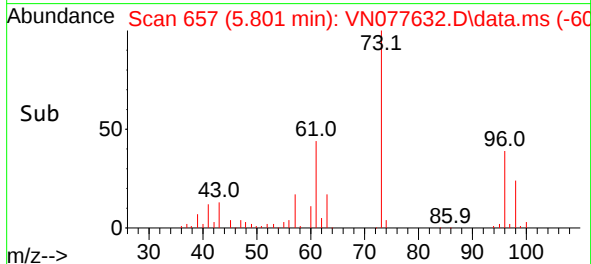
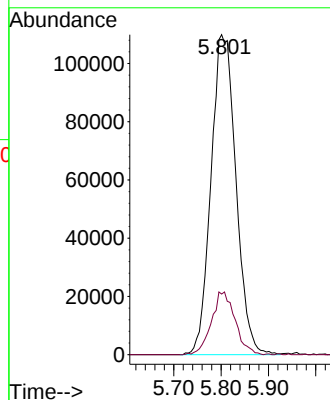
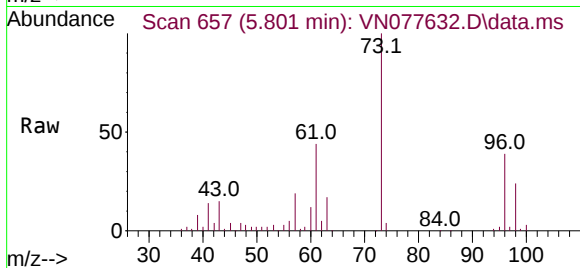
#19
Methyl tert-butyl Ether
Concen: 19.063 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion: 73 Resp: 402400
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

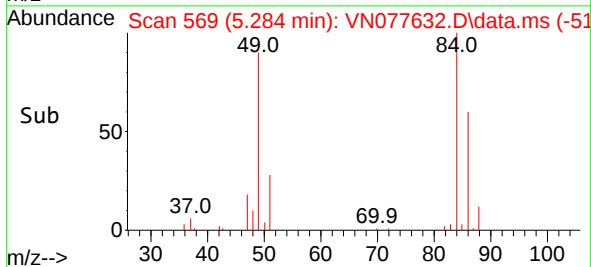
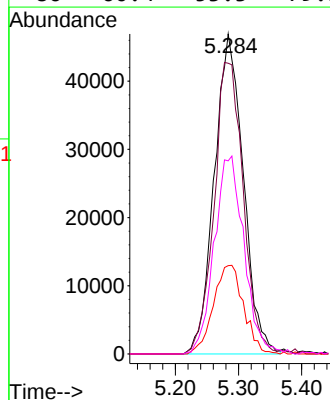
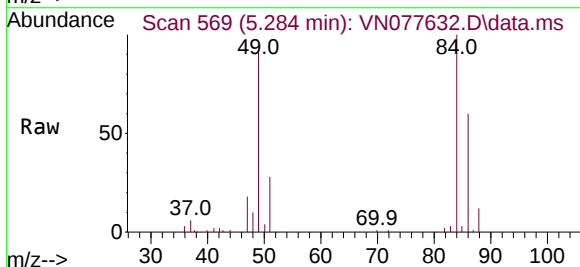
Manual Integrations
APPROVED

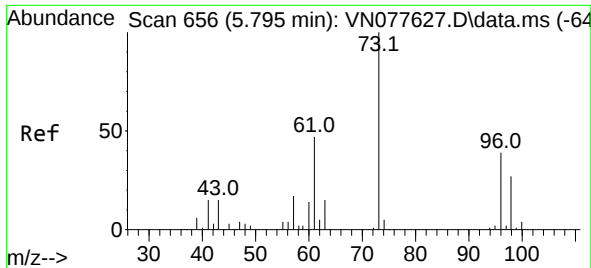
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#20
Methylene Chloride
Concen: 18.573 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

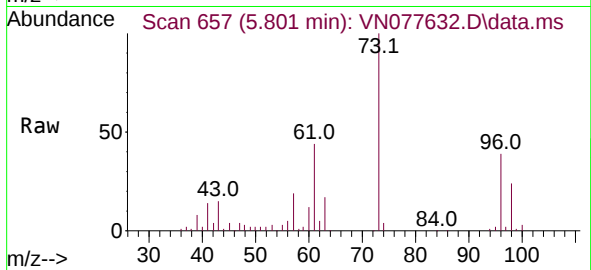
Tgt Ion: 84 Resp: 149838
Ion Ratio Lower Upper
84 100
49 90.9 79.7 119.5
51 27.6 25.2 37.8
86 60.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.741 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

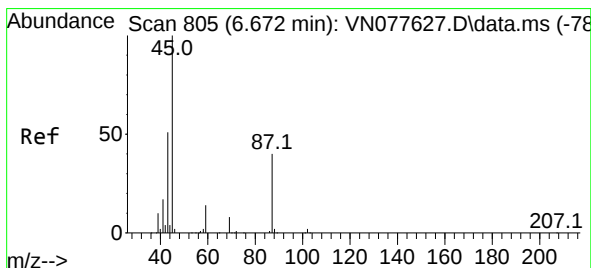
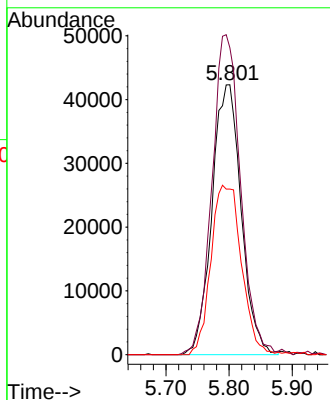
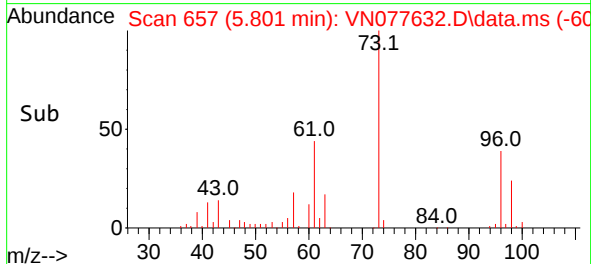
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



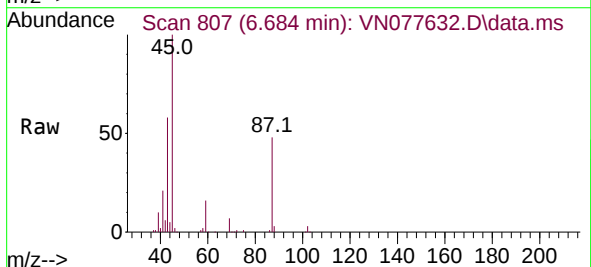
Tgt Ion: 96 Resp: 135984
Ion Ratio Lower Upper
96 100
61 113.7 90.1 135.1
98 61.3 46.4 69.6

Manual Integrations
APPROVED

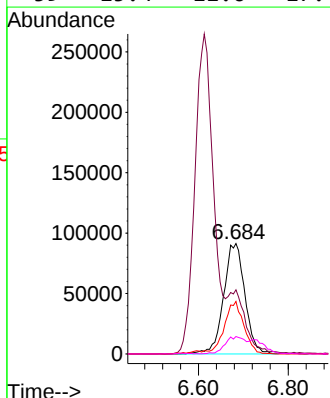
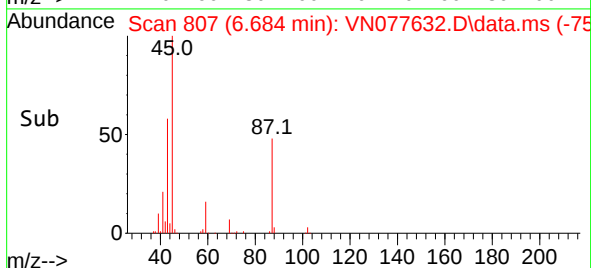
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

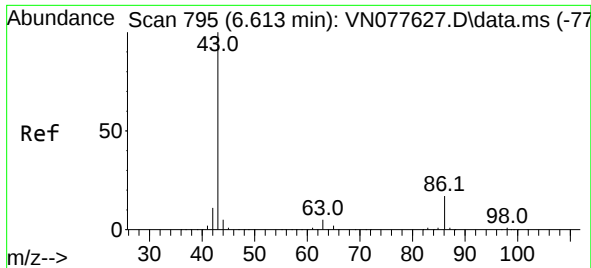


#22
Diisopropyl ether
Concen: 19.158 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



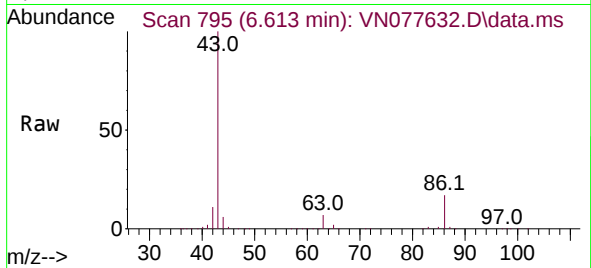
Tgt Ion: 45 Resp: 301326
Ion Ratio Lower Upper
45 100
43 56.5 45.5 68.3
87 47.5 31.8 47.8
59 15.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 87.861 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077632.D
 Acq: 09 May 2023 15:08

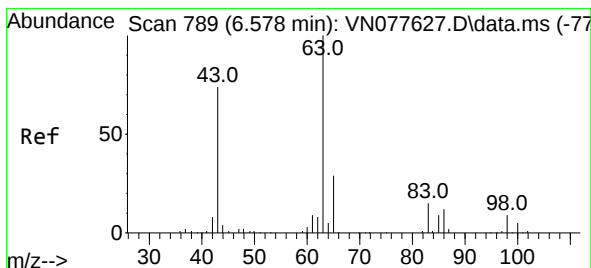
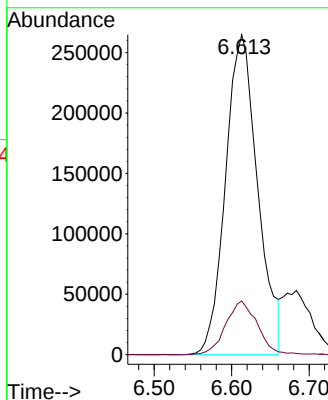
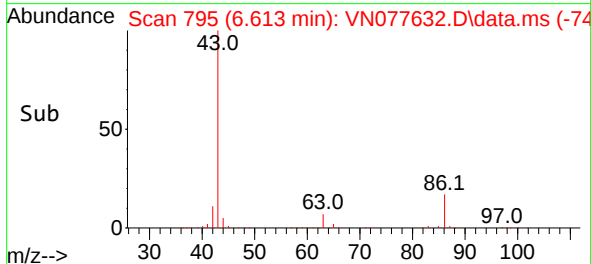
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBS01



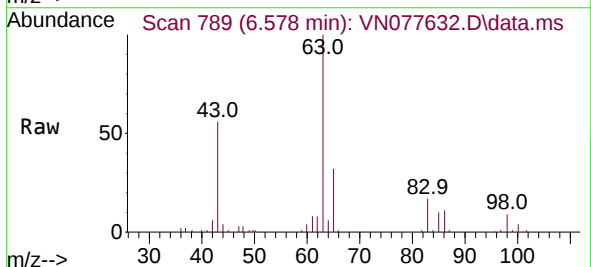
Tgt Ion: 43 Resp: 765878
 Ion Ratio Lower Upper
 43 100
 86 16.8 13.0 19.6

Manual Integrations
 APPROVED

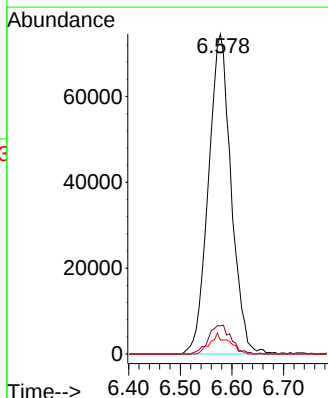
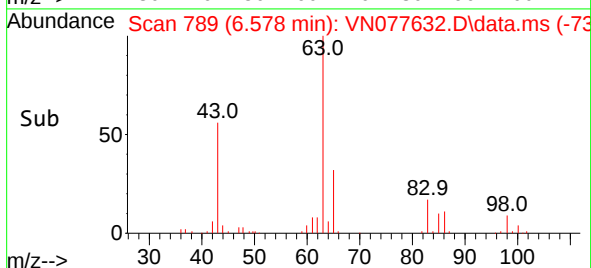
Reviewed By :John Carlone 05/10/2023
 Supervised By :Mahesh Dadoda 05/10/2023

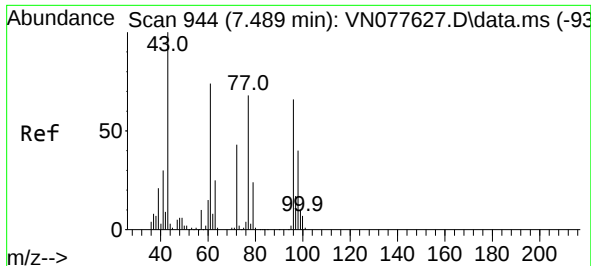


#24
 1,1-Dichloroethane
 Concen: 19.072 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077632.D
 Acq: 09 May 2023 15:08



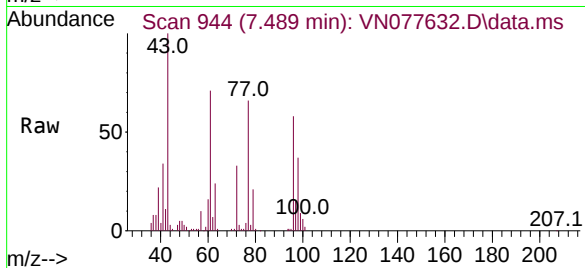
Tgt Ion: 63 Resp: 227410
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 93.792 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

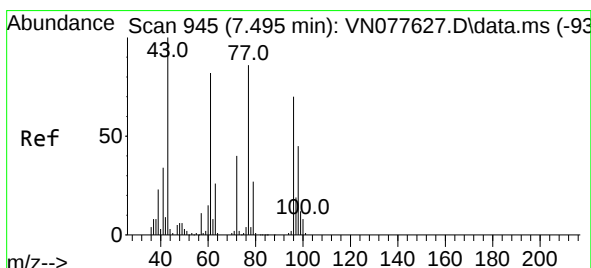
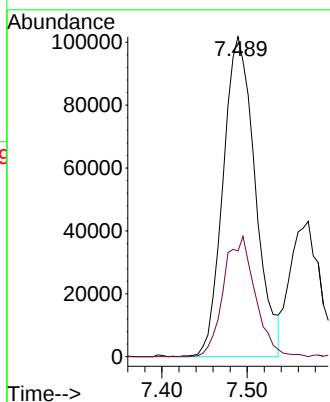
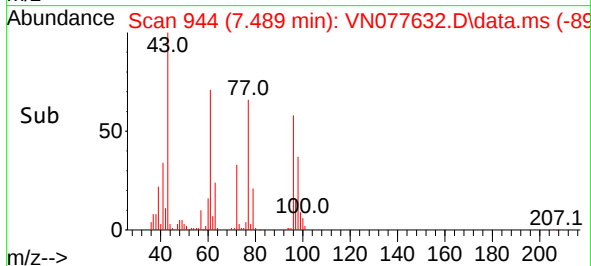
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



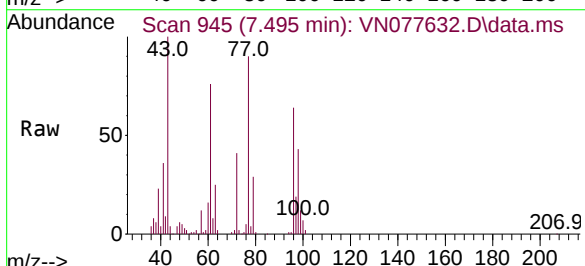
Tgt Ion: 43 Resp: 266869
Ion Ratio Lower Upper
43 100
72 33.0 30.2 45.2

Manual Integrations
APPROVED

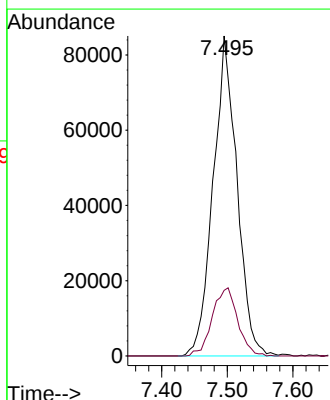
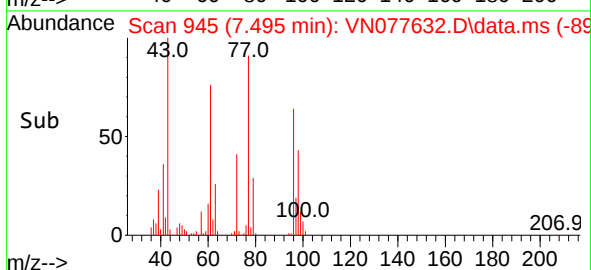
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

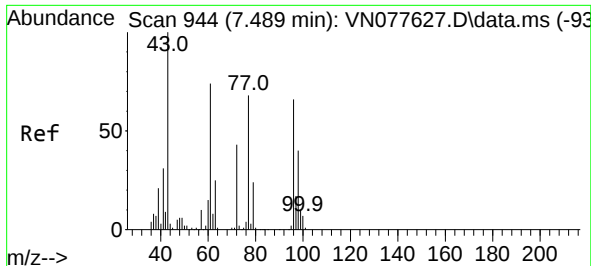


#26
2,2-Dichloropropane
Concen: 19.869 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



Tgt Ion: 77 Resp: 214702
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.460 ug/l

RT: 7.495 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

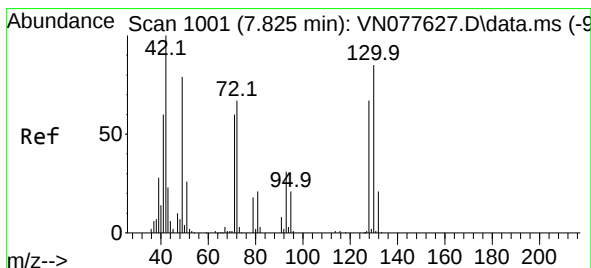
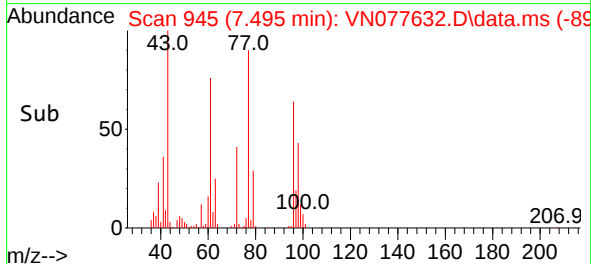
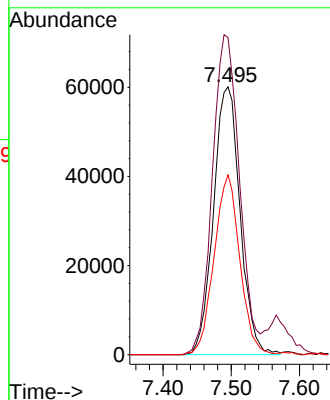
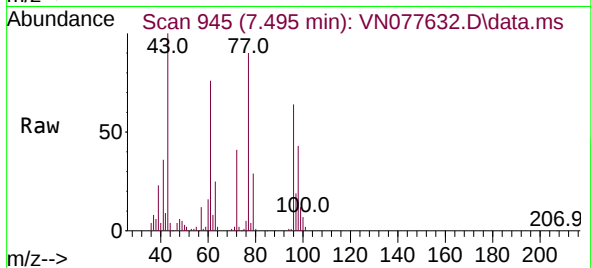
Tgt Ion:	96	Resp:	16294
Ion Ratio	Lower	Upper	
96	100		
61	121.8	0.0	255.2
98	64.9	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#28

Bromochloromethane

Concen: 21.191 ug/l

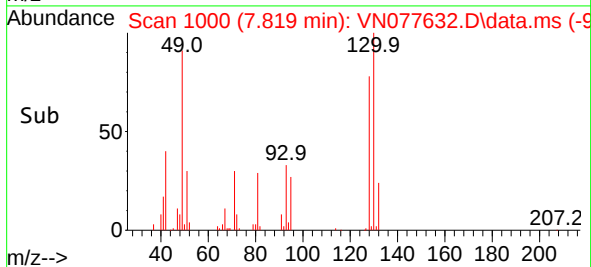
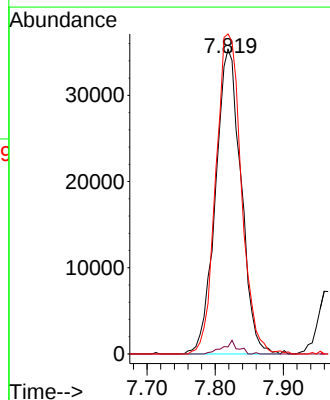
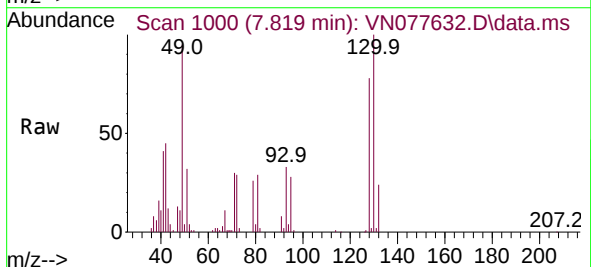
RT: 7.819 min Scan# 1000

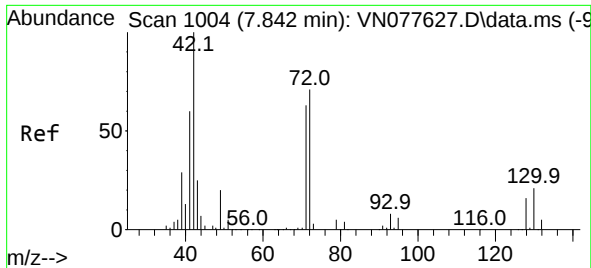
Delta R.T. -0.006 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Tgt Ion:	49	Resp:	92196
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	4.8
130	105.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 93.525 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077632.D

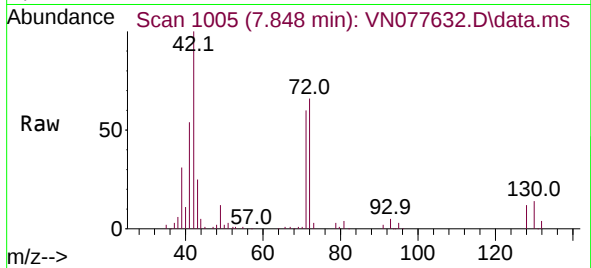
Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01



Tgt Ion: 42 Resp: 163464

Ion Ratio Lower Upper

42 100

72 66.4 49.8 74.6

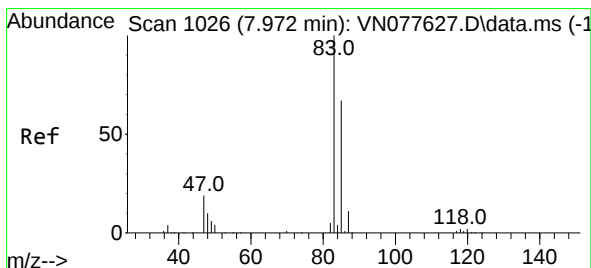
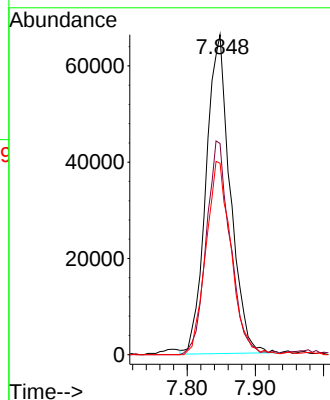
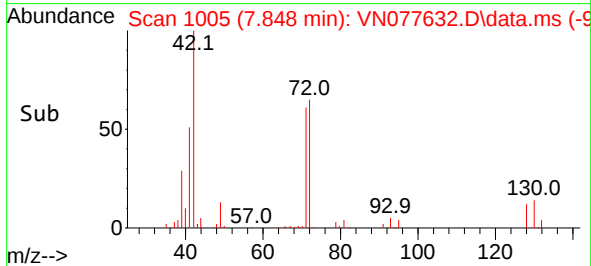
71 63.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#30

Chloroform

Concen: 18.908 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077632.D

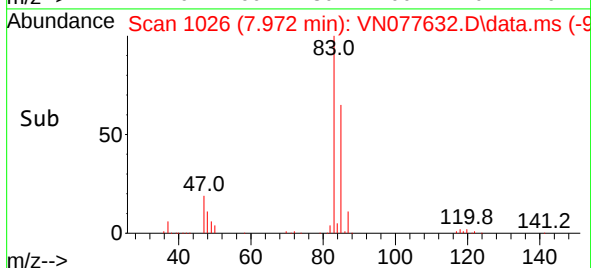
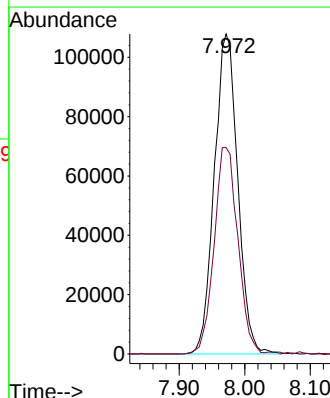
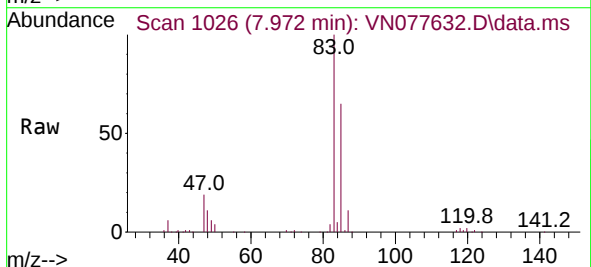
Acq: 09 May 2023 15:08

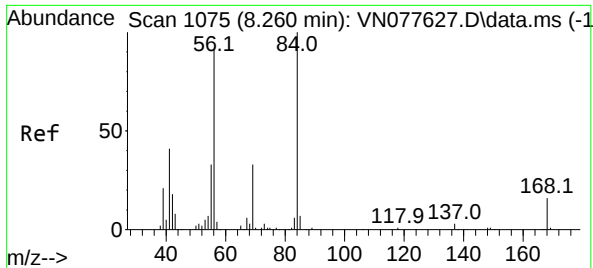
Tgt Ion: 83 Resp: 267197

Ion Ratio Lower Upper

83 100

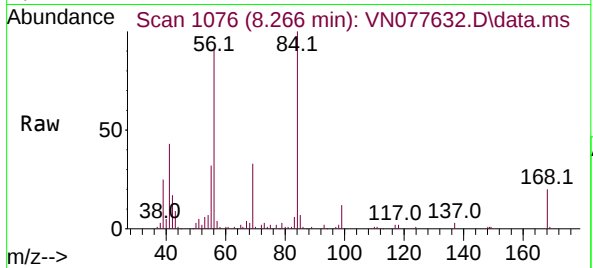
85 64.5 55.4 83.0





#31
Cyclohexane
Concen: 18.601 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

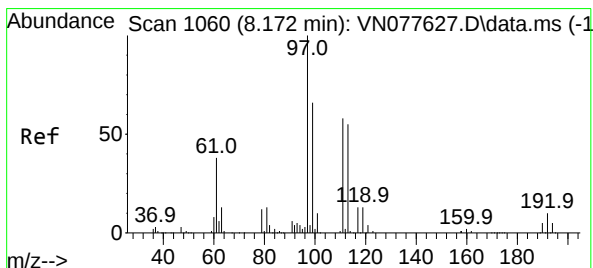
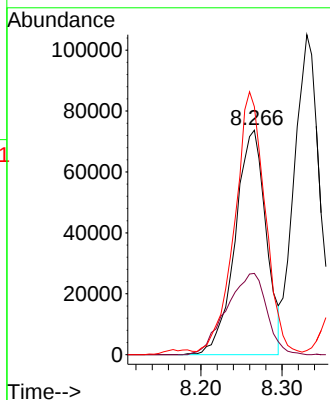
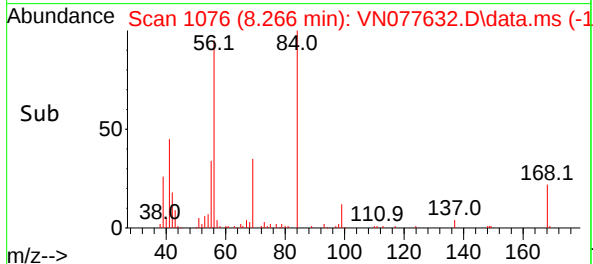
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 56 Resp: 194869
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 108.7 81.8 122.6

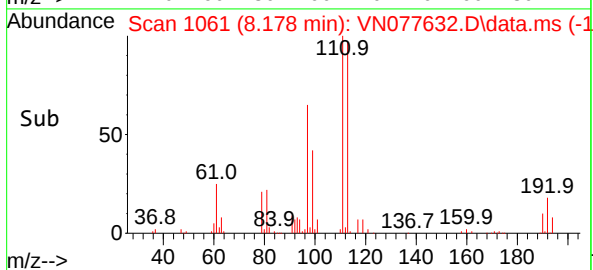
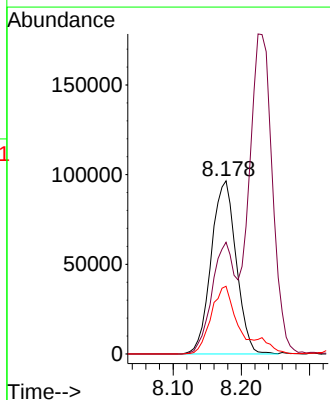
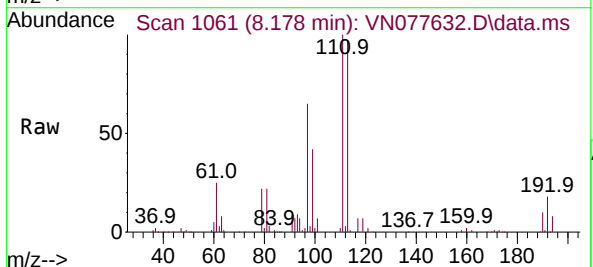
Manual Integrations
APPROVED

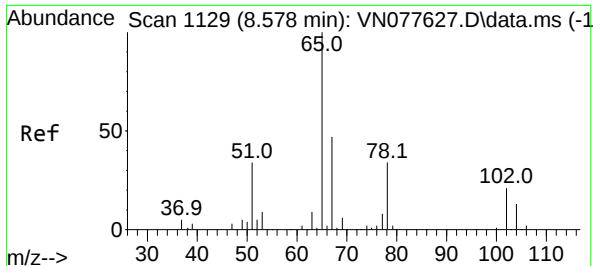
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#32
1,1,1-Trichloroethane
Concen: 18.901 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion: 97 Resp: 245926
Ion Ratio Lower Upper
97 100
99 60.5 50.3 75.5
61 40.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.773 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

Tgt Ion: 65 Resp: 43261

Ion Ratio Lower Upper

65 100

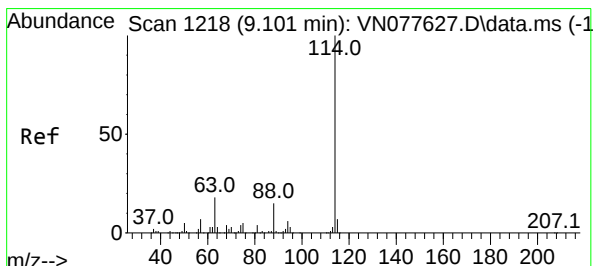
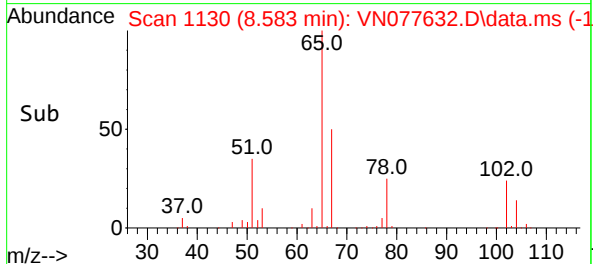
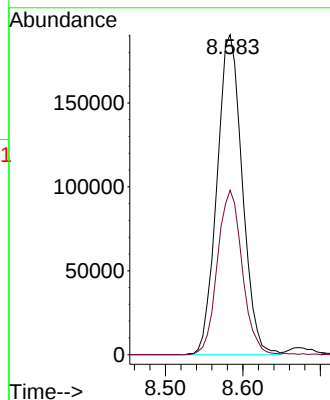
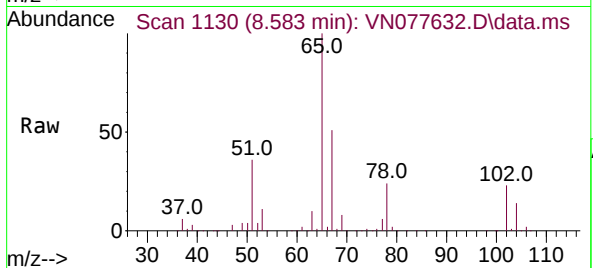
67 50.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

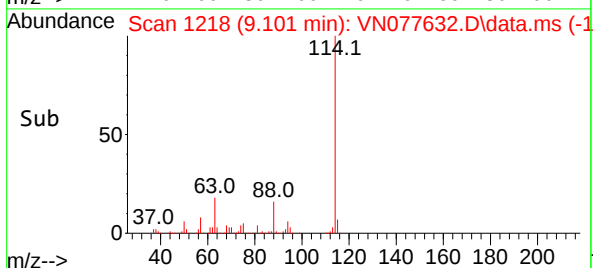
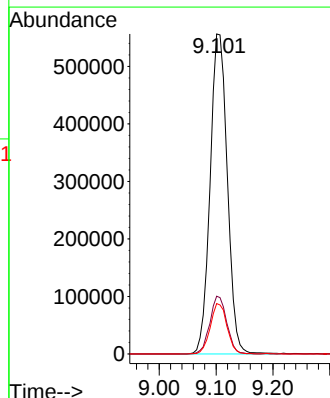
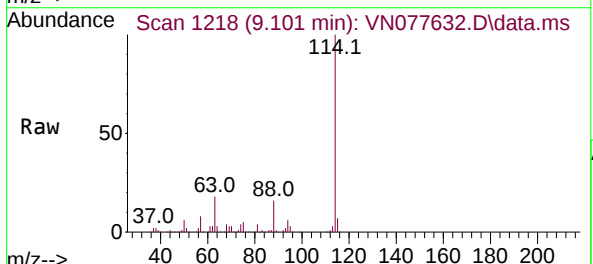
Tgt Ion:114 Resp: 1168304

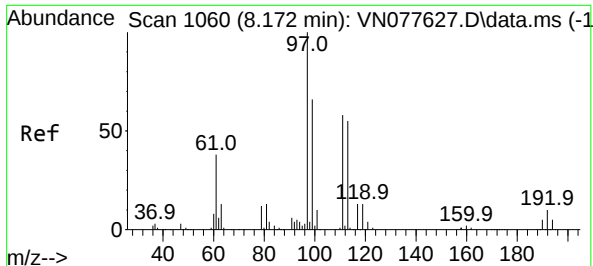
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

Tgt Ion: 113 Resp: 37834

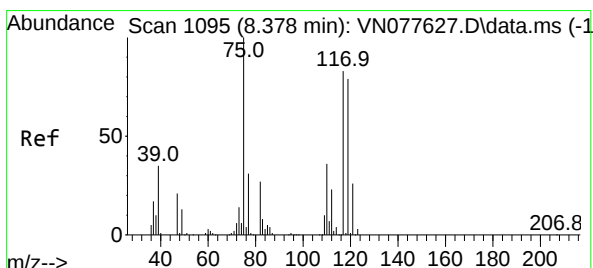
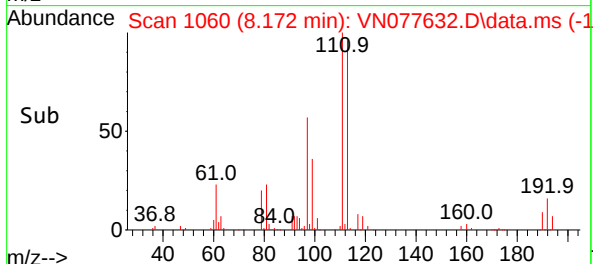
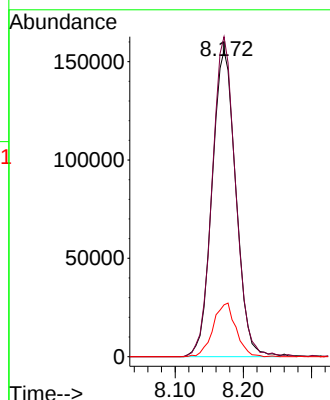
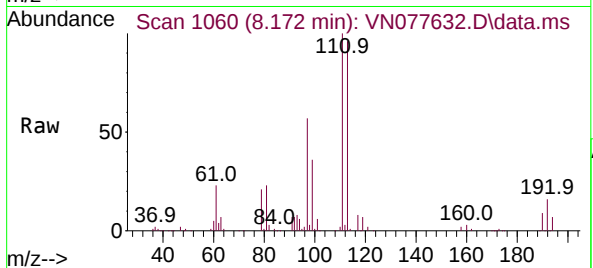
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	16.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/10/2023

Supervised By : Mahesh Dadoda 05/10/2023



#36

1,1-Dichloropropene

Concen: 18.875 ug/l

RT: 8.377 min Scan# 1095

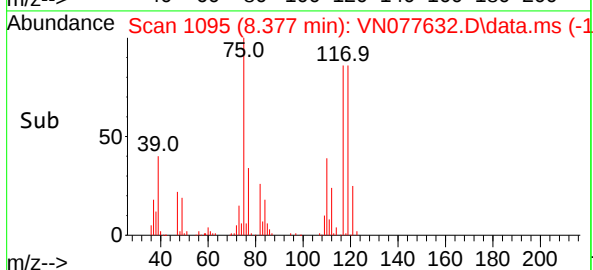
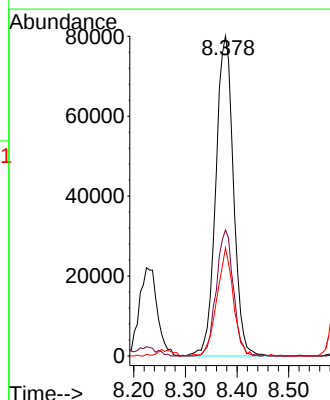
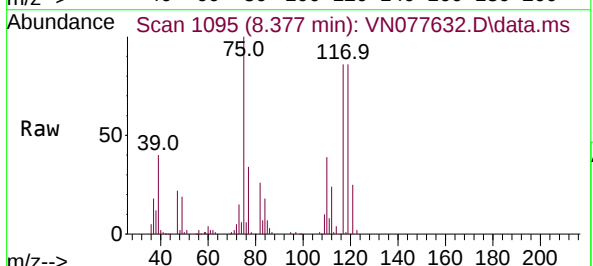
Delta R.T. -0.001 min

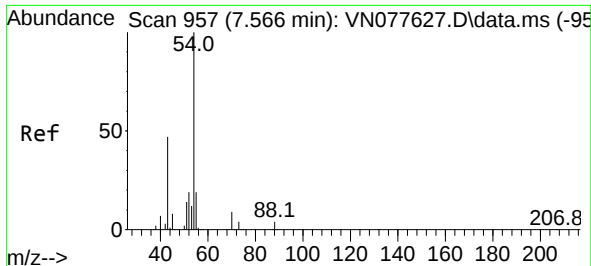
Lab File: VN077632.D

Acq: 09 May 2023 15:08

Tgt Ion: 75 Resp: 189797

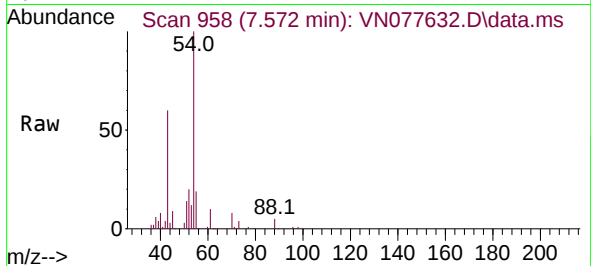
Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	31.6	25.0	37.4





#37
Ethyl Acetate
Concen: 19.134 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

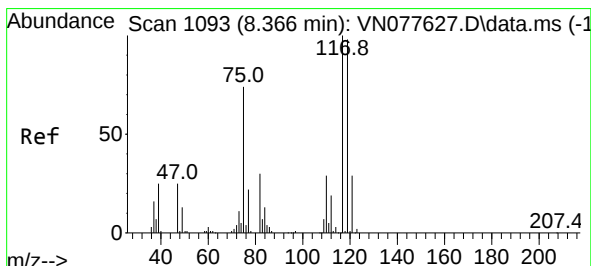
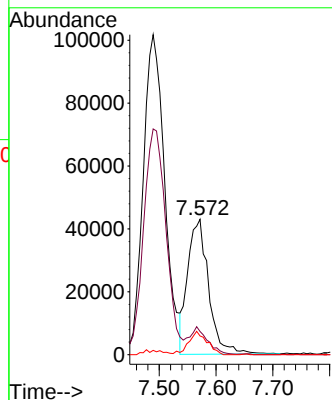
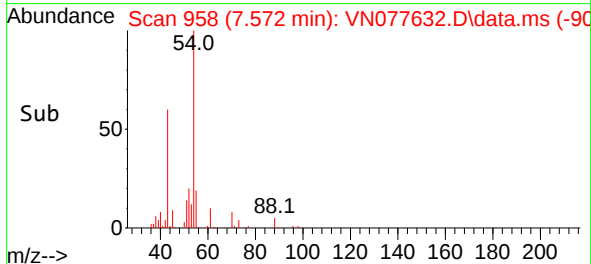
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 43 Resp: 110014
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 15.1 11.3 16.9

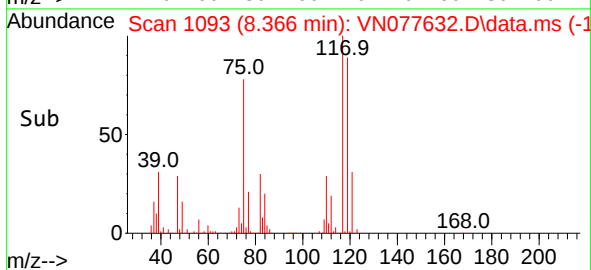
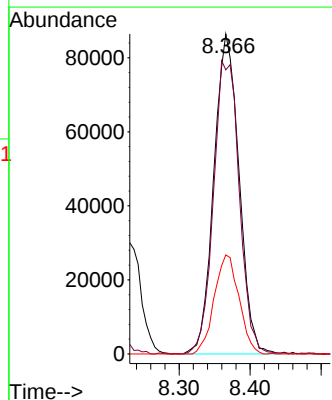
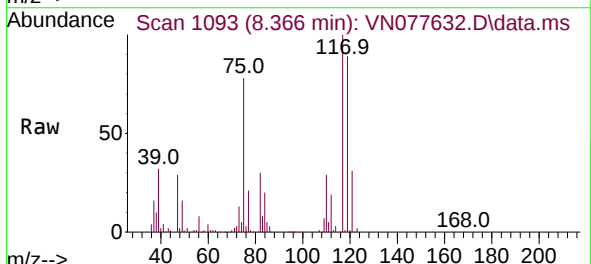
Manual Integrations
APPROVED

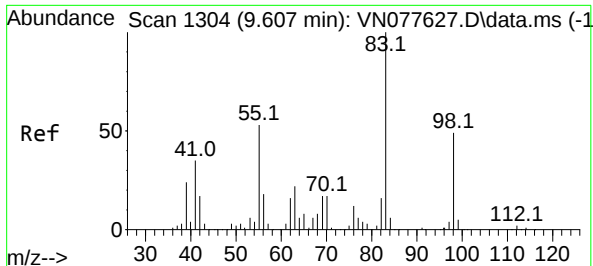
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#38
Carbon Tetrachloride
Concen: 19.334 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion:117 Resp: 212394
Ion Ratio Lower Upper
117 100
119 88.8 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 19.652 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

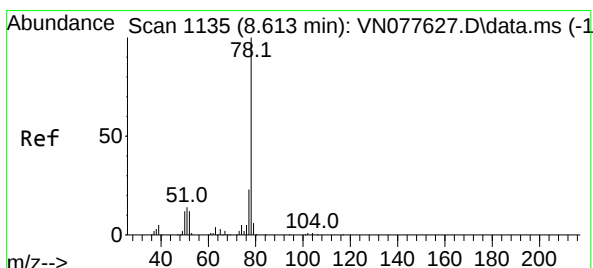
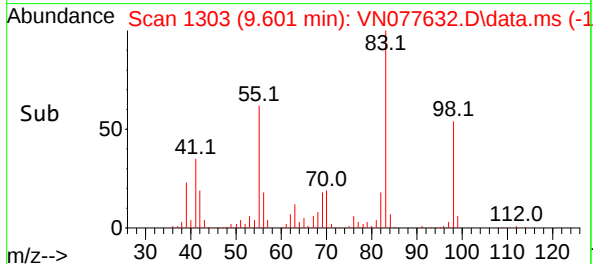
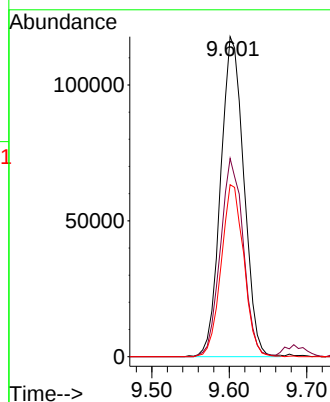
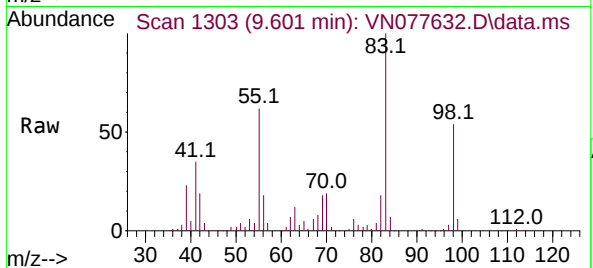
Tgt Ion:	83	Resp:	24530
Ion	Ratio	Lower	Upper
83	100		
55	62.0	49.1	73.7
98	53.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#40

Benzene

Concen: 19.022 ug/l

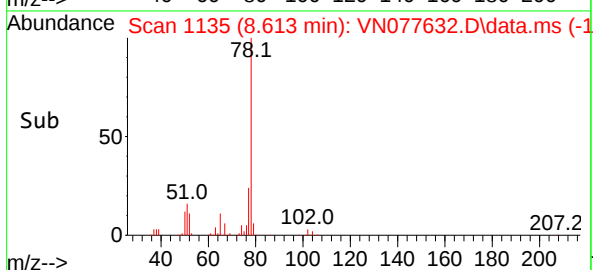
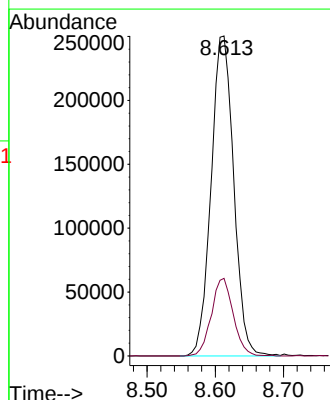
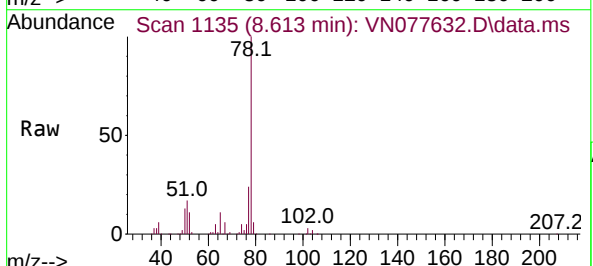
RT: 8.613 min Scan# 1135

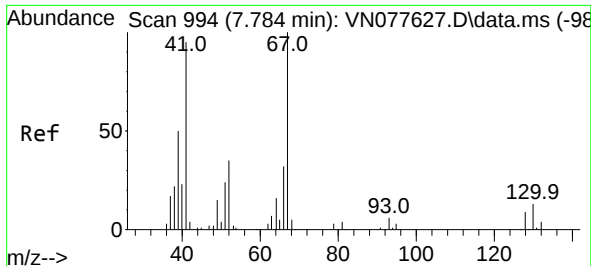
Delta R.T. -0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

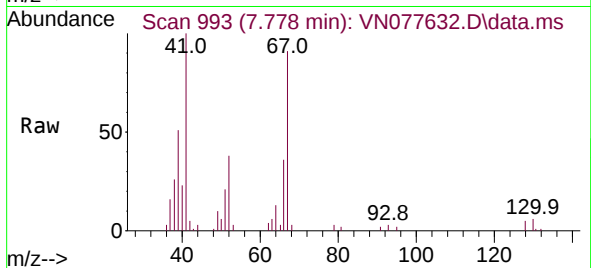
Tgt Ion:	78	Resp:	578642
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 17.916 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

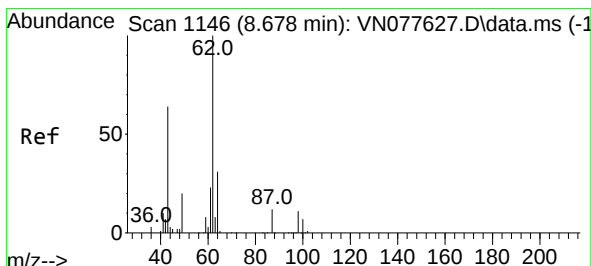
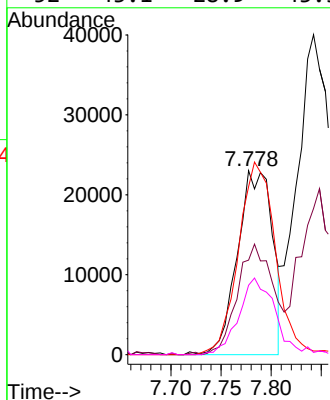
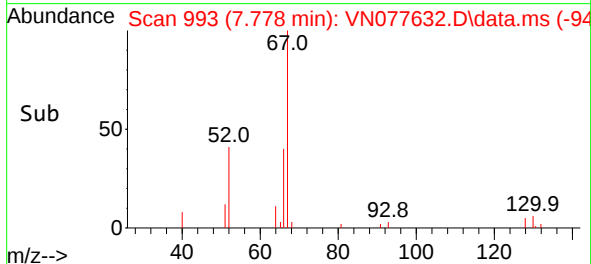
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion:	41	Resp:	5628
Ion Ratio	100	Lower	Upper
41	100		
39	61.4	42.6	64.0
67	110.7	77.5	116.3
52	43.1	28.9	43.3

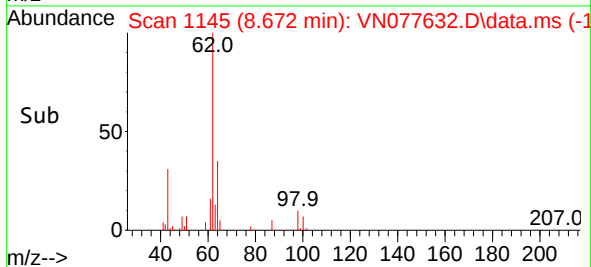
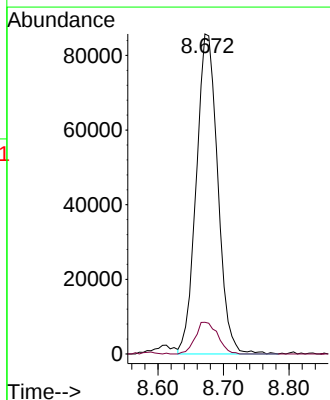
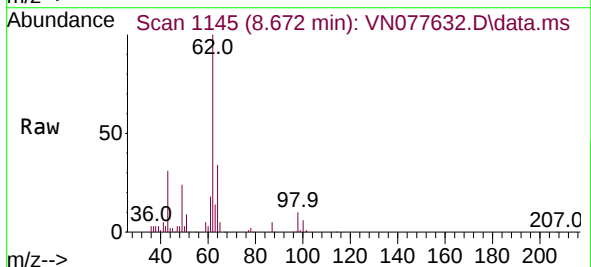
Manual Integrations
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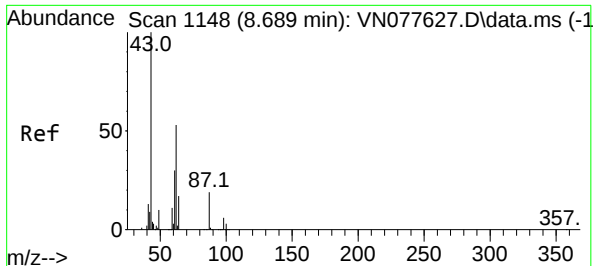
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#42
1,2-Dichloroethane
Concen: 19.168 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion:	62	Resp:	195529
Ion Ratio	100	Lower	Upper
62	100		
98	10.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.346 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

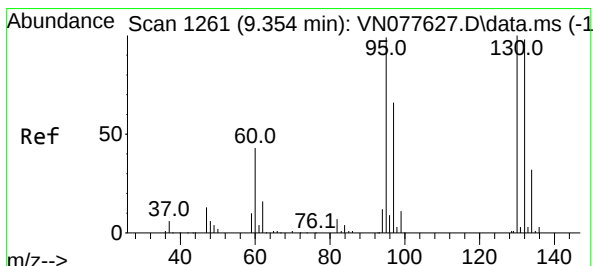
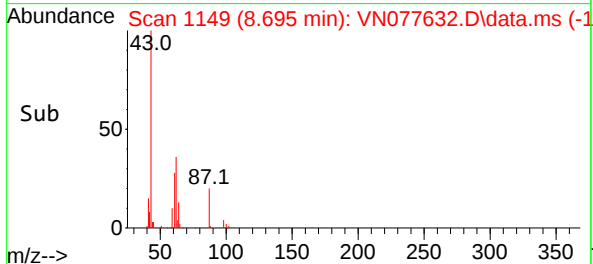
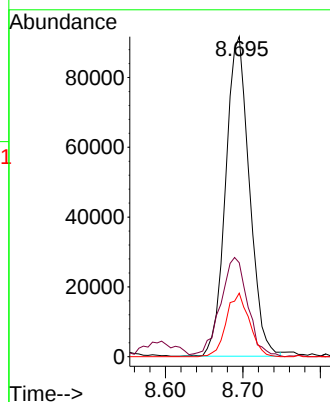
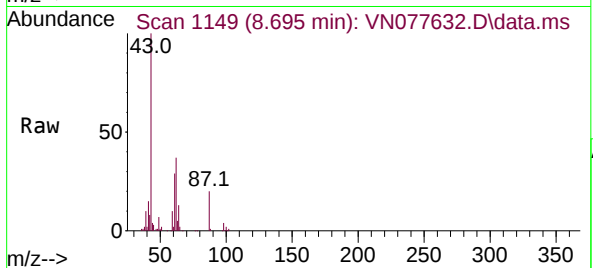
Tgt Ion: 43 Resp: 195029

Ion	Ratio	Lower	Upper
43	100		
61	35.7	24.7	37.1
87	19.4	14.6	21.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#44

Trichloroethene

Concen: 18.993 ug/l

RT: 9.360 min Scan# 1262

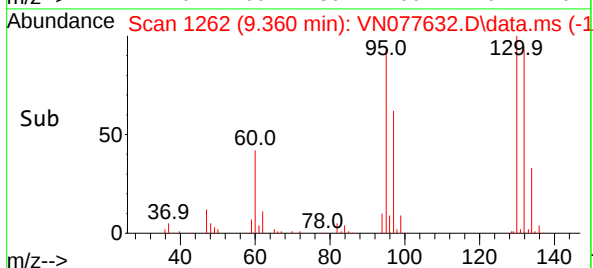
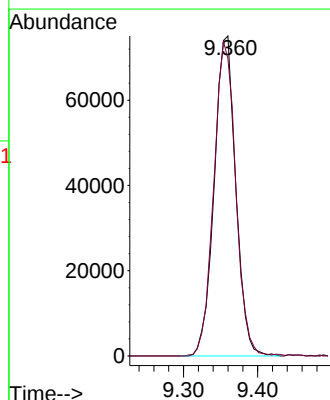
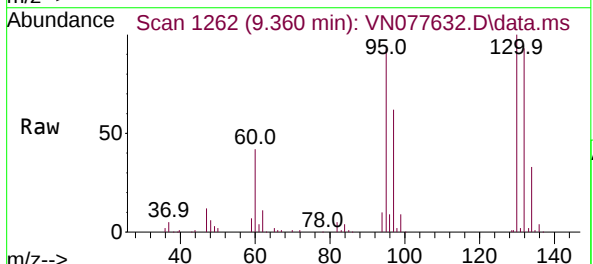
Delta R.T. 0.006 min

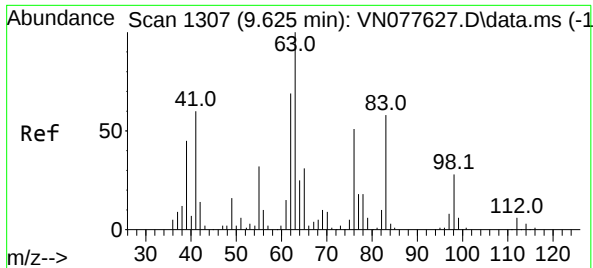
Lab File: VN077632.D

Acq: 09 May 2023 15:08

Tgt Ion:130 Resp: 151769

Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.617 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

Tgt Ion: 63 Resp: 130219

Ion Ratio Lower Upper

63 100

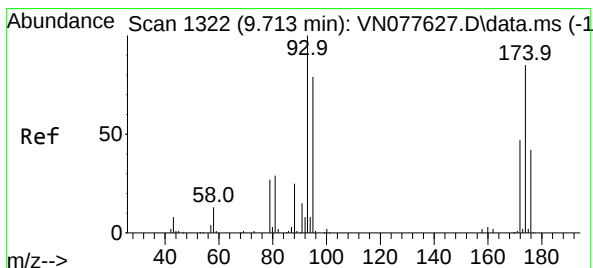
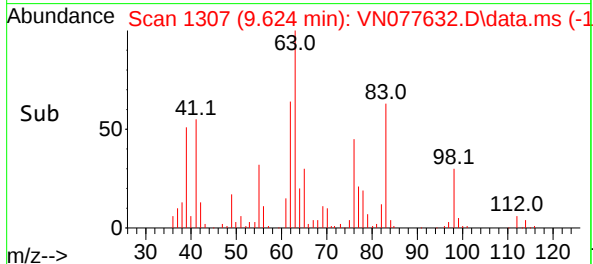
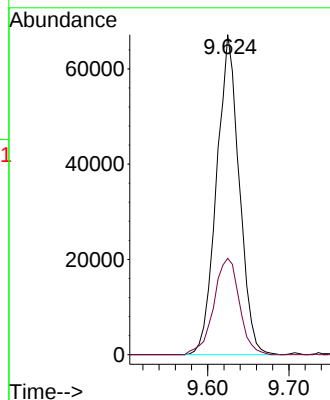
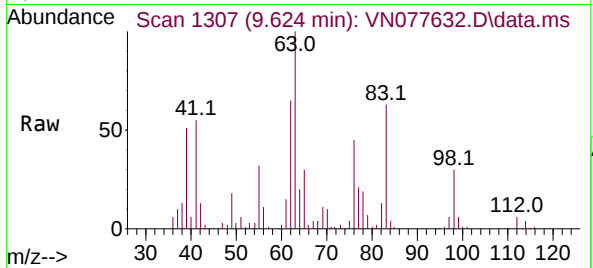
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#46

Dibromomethane

Concen: 19.049 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

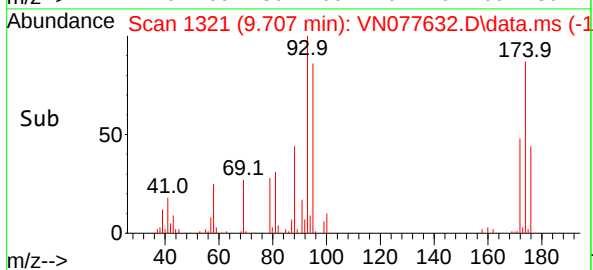
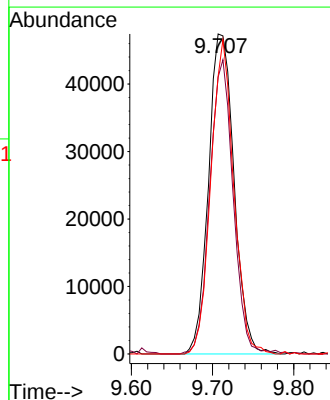
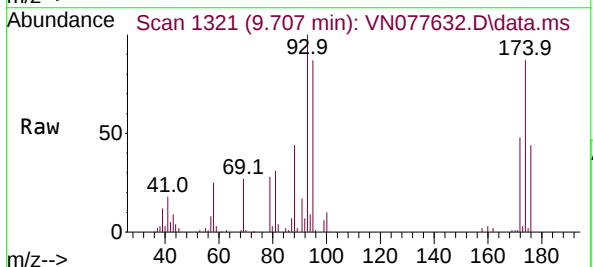
Tgt Ion: 93 Resp: 103645

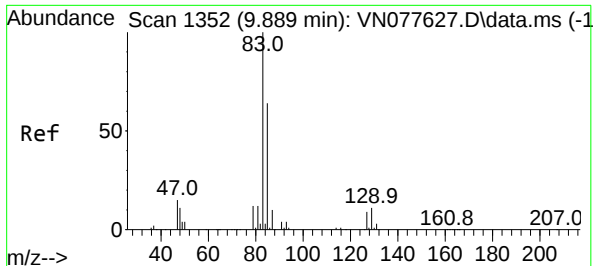
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

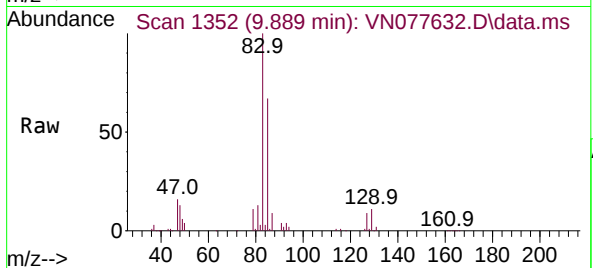
174 88.3 65.6 98.4





#47
Bromodichloromethane
Concen: 19.144 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

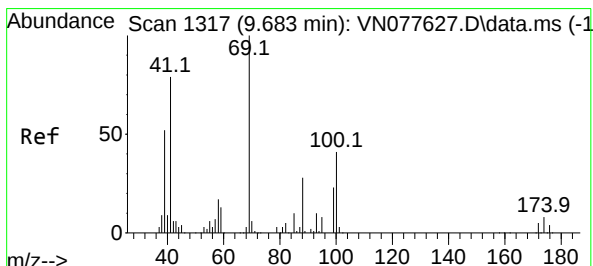
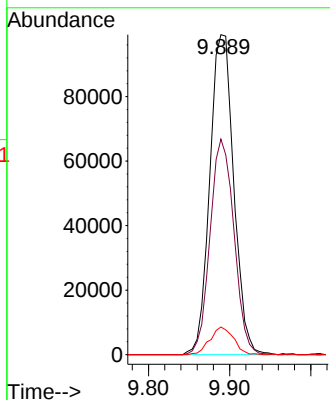
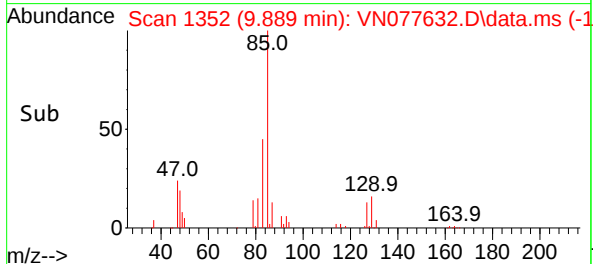
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 83 Resp: 20344
Ion Ratio Lower Upper
83 100
85 67.3 49.6 74.4
127 8.7 7.0 10.6

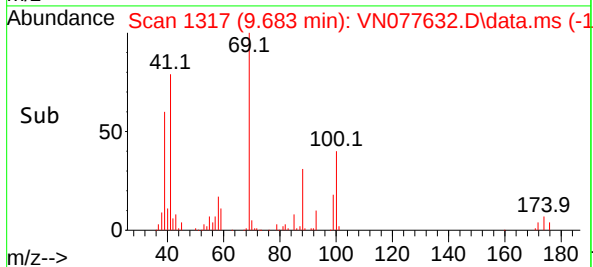
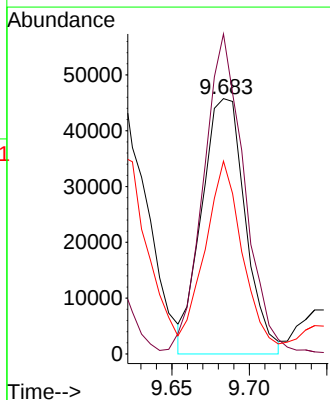
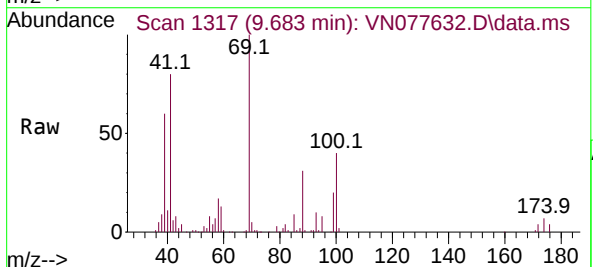
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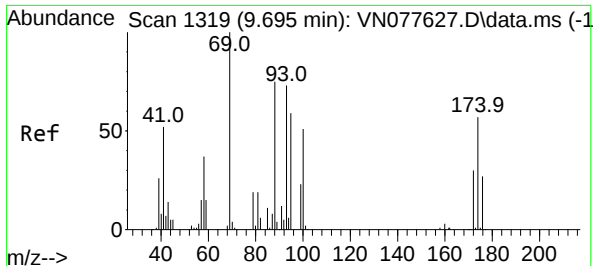
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#48
Methyl methacrylate
Concen: 18.897 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion: 41 Resp: 89411
Ion Ratio Lower Upper
41 100
69 117.1 90.4 135.6
39 65.7 54.6 81.8





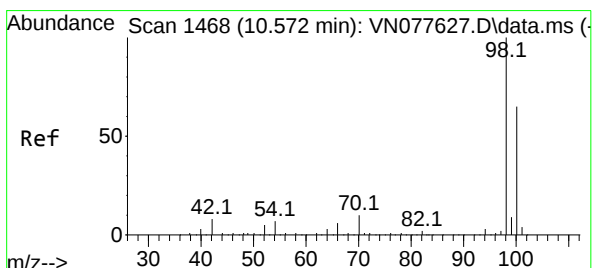
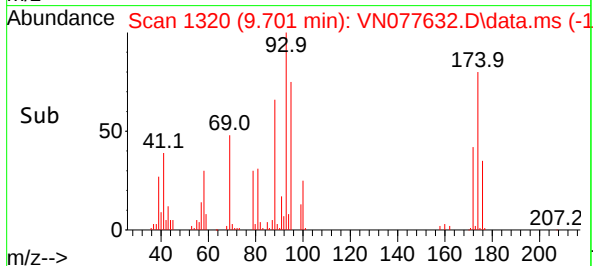
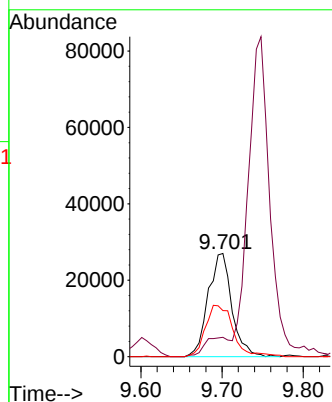
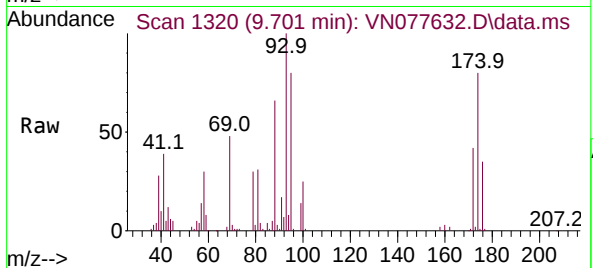
#49
1,4-Dioxane
Concen: 389.395 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion: 88 Resp: 5479
Ion Ratio Lower Upper
88 100
43 18.5 17.0 25.6
58 58.3 47.0 70.4

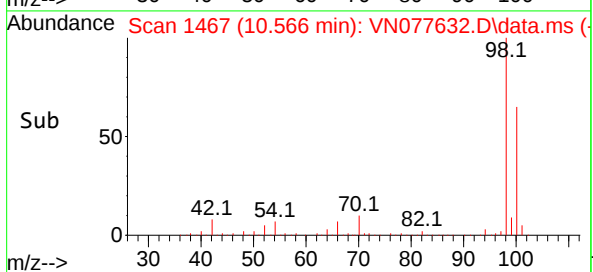
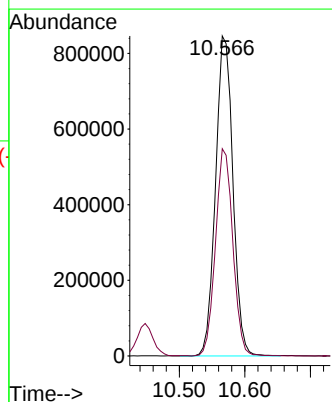
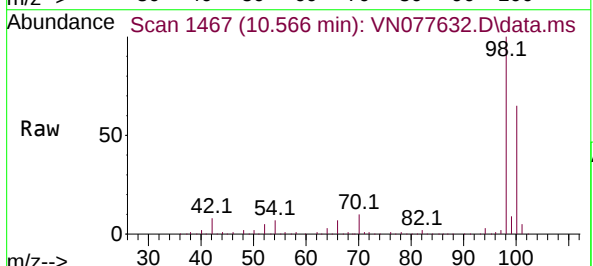
Manual Integrations
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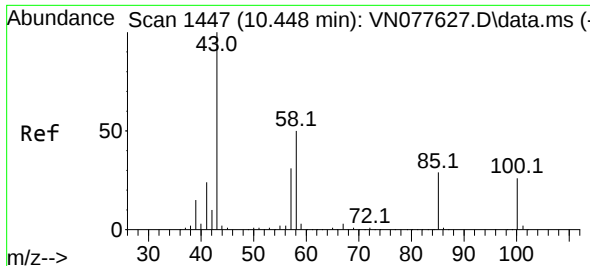
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#50
Toluene-d8
Concen: 56.254 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

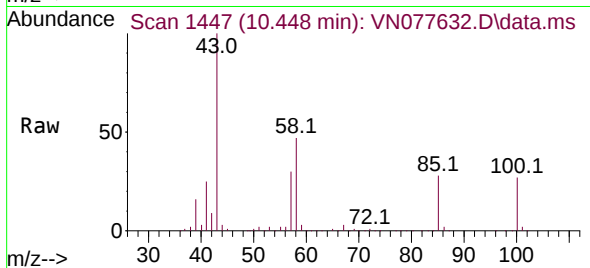
Tgt Ion: 98 Resp: 1551868
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 98.538 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

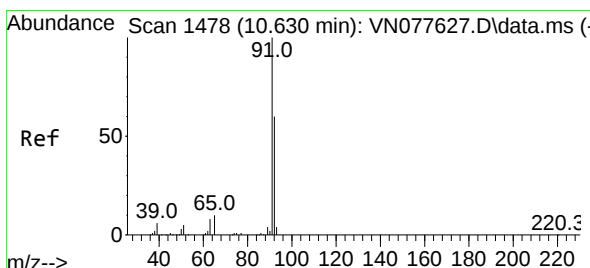
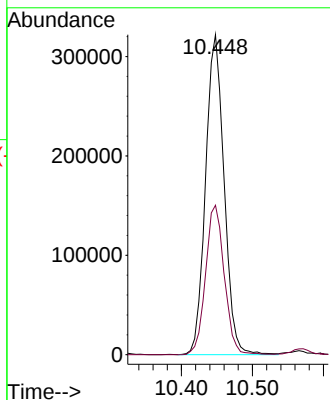
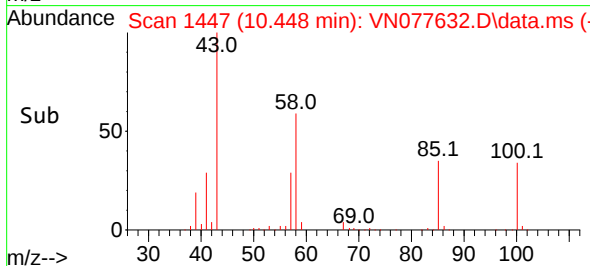
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 43 Resp: 584400
Ion Ratio Lower Upper
43 100
58 47.1 36.6 54.8

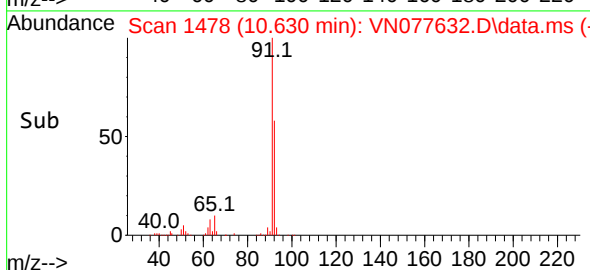
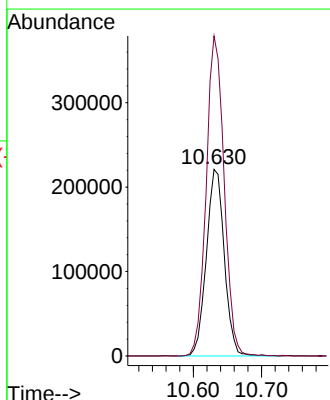
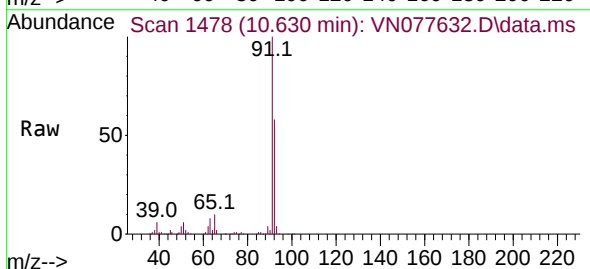
Manual Integrations
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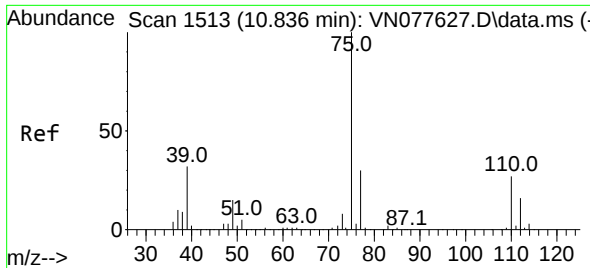
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#52
Toluene
Concen: 20.028 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion: 92 Resp: 405228
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0





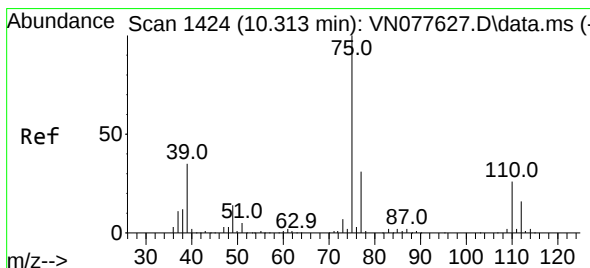
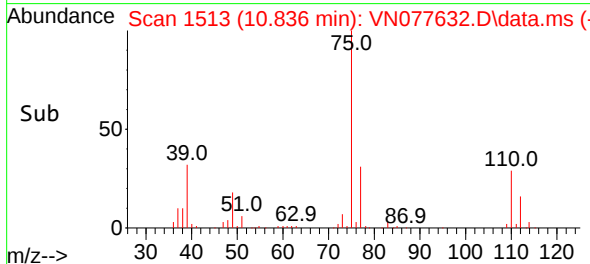
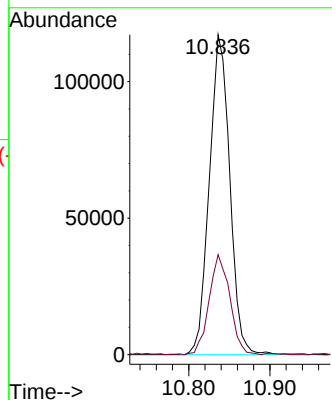
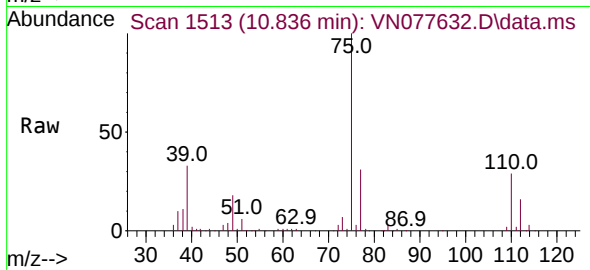
#53
t-1,3-Dichloropropene
Concen: 19.793 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion: 75 Resp: 204944
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

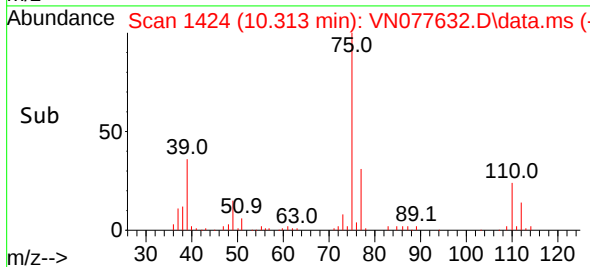
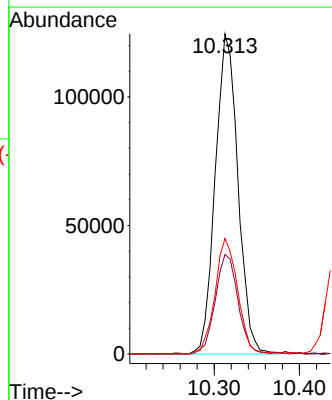
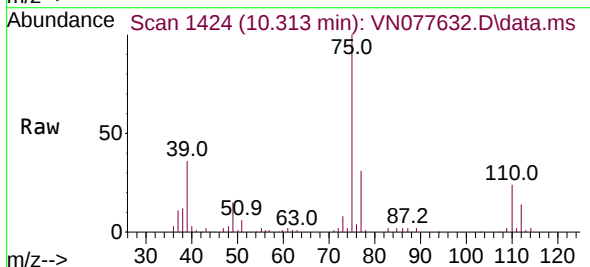
Manual Integrations
APPROVED

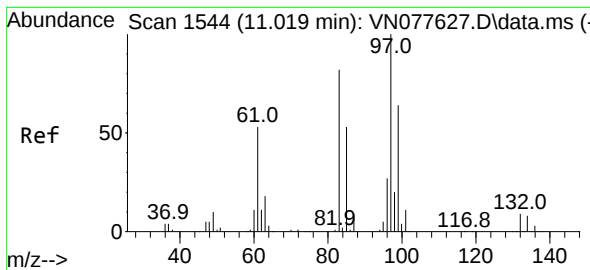
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#54
cis-1,3-Dichloropropene
Concen: 19.525 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

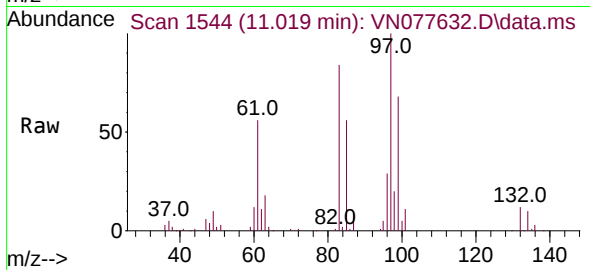
Tgt Ion: 75 Resp: 229999
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 35.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.311 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

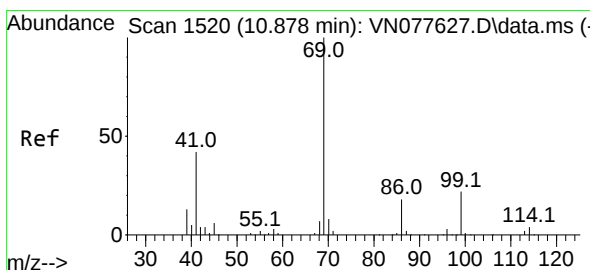
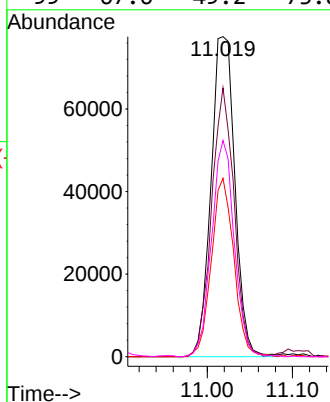
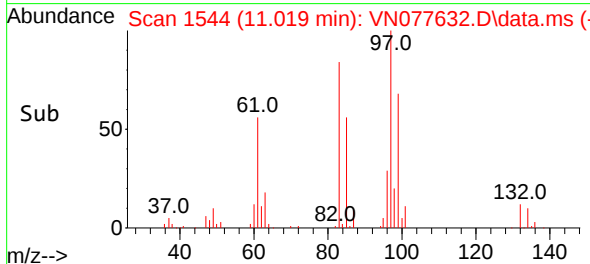
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion:	97	Resp:	151490
Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.1	97.7
85	55.8	43.4	65.2
99	67.6	49.2	73.8

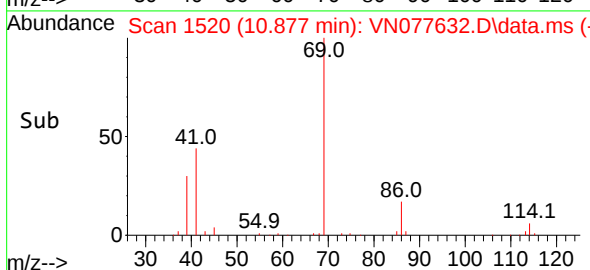
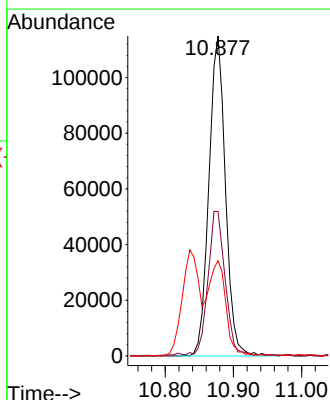
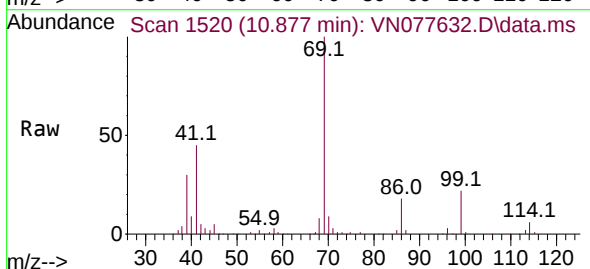
Manual Integrations
APPROVED

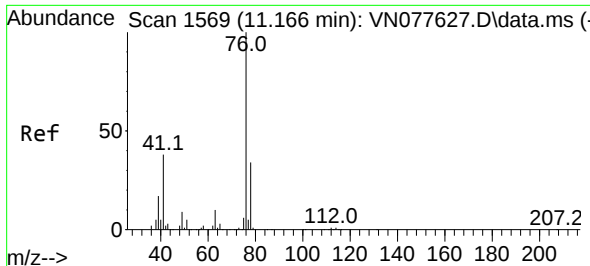
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#56
Ethyl methacrylate
Concen: 19.628 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion:	69	Resp:	194191
Ion	Ratio	Lower	Upper
69	100		
41	46.1	39.6	59.4
39	27.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.630 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

Tgt Ion: 76 Resp: 247549

Ion Ratio Lower Upper

76 100

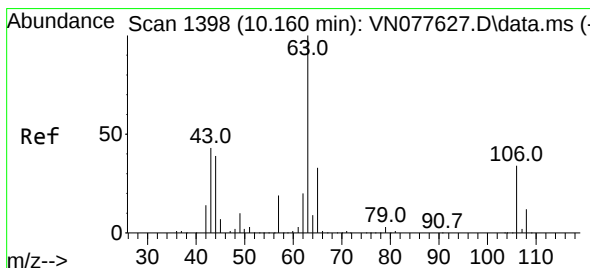
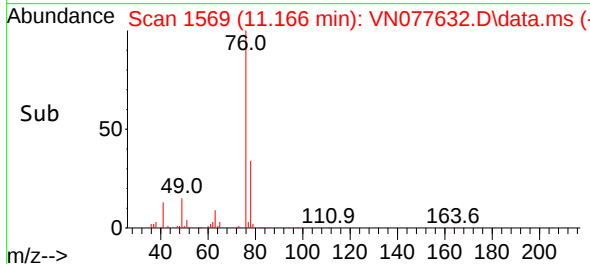
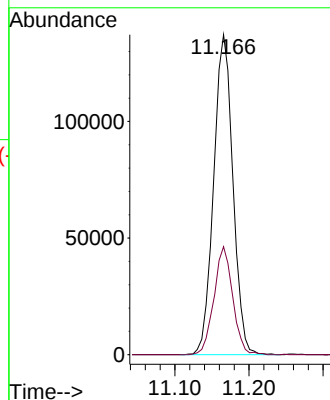
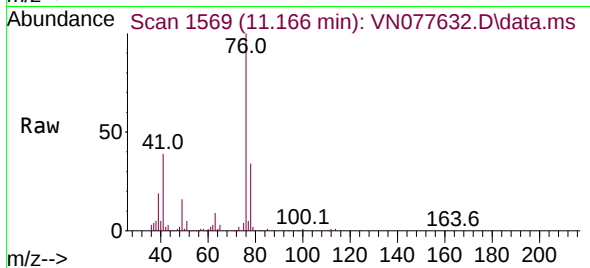
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 115.878 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077632.D

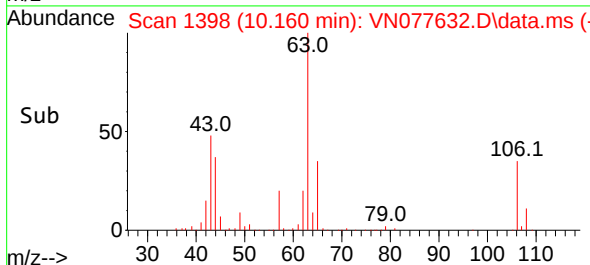
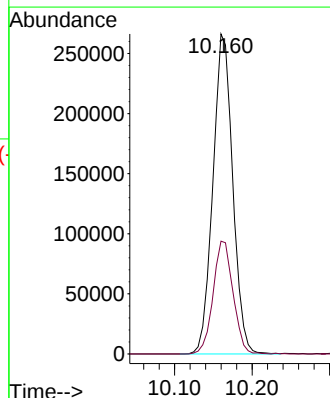
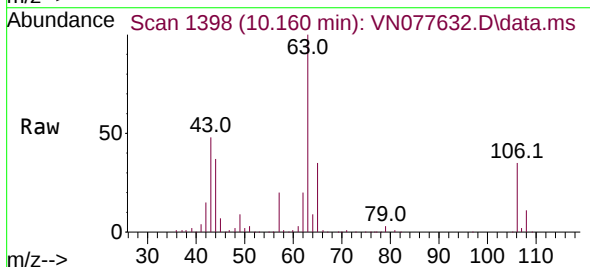
Acq: 09 May 2023 15:08

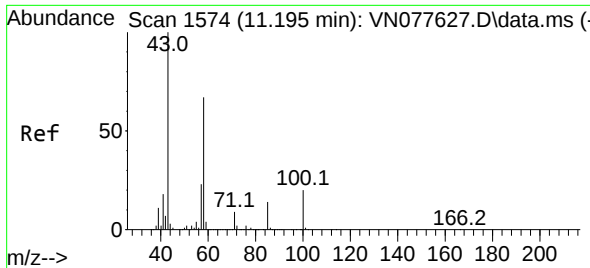
Tgt Ion: 63 Resp: 472676

Ion Ratio Lower Upper

63 100

106 35.4 26.2 39.4





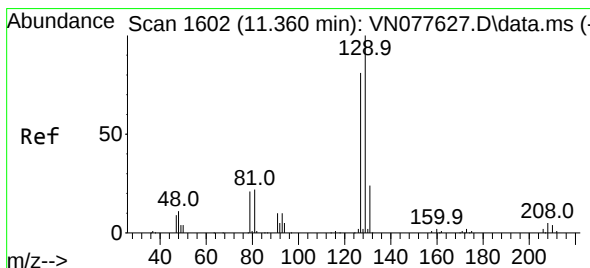
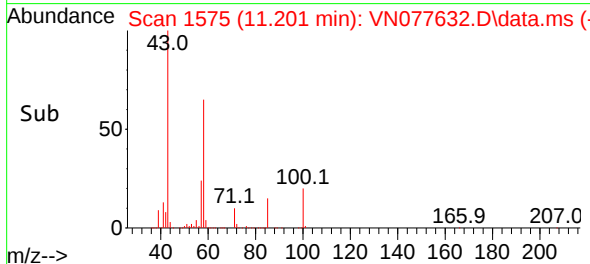
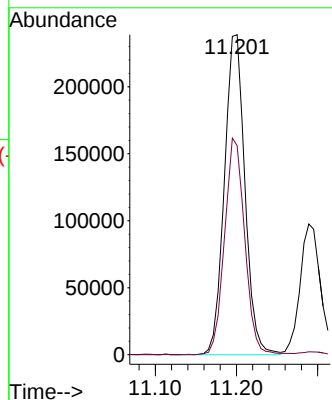
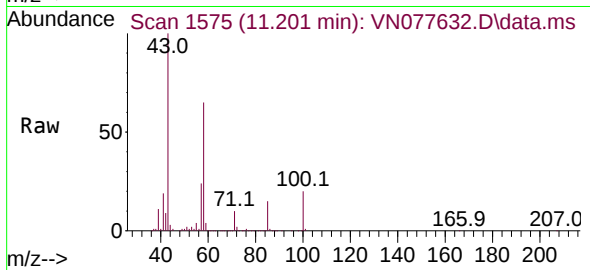
#59
2-Hexanone
Concen: 100.243 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion: 43 Resp: 420180
Ion Ratio Lower Upper
43 100
58 66.5 31.7 95.1

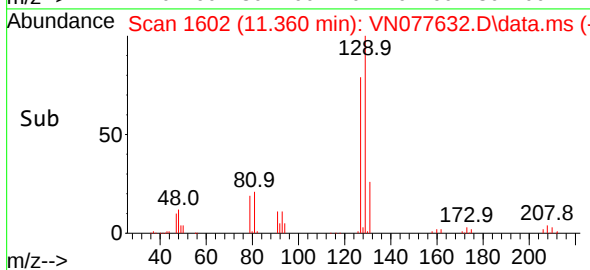
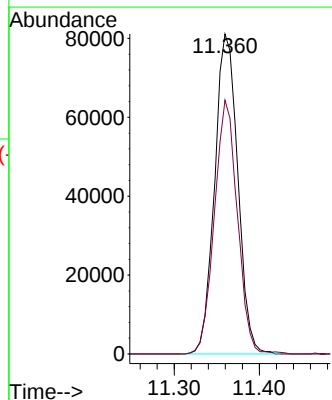
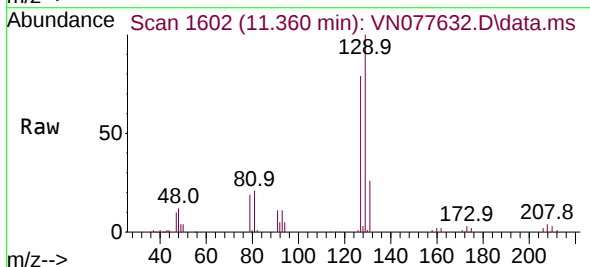
Manual Integrations
APPROVED

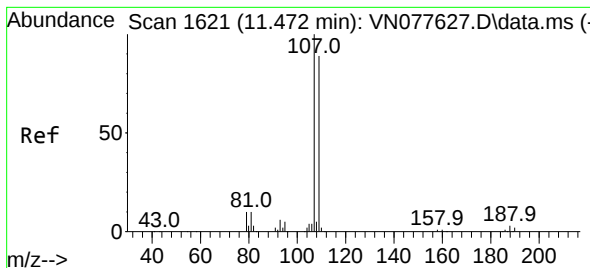
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#60
Dibromochloromethane
Concen: 19.689 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

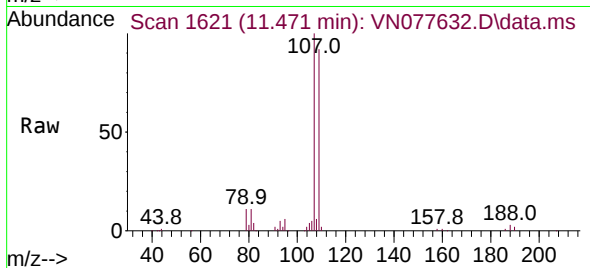
Tgt Ion:129 Resp: 153340
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.799 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

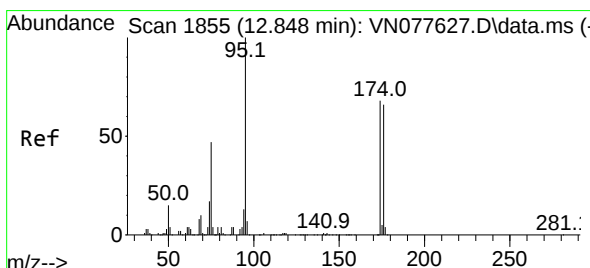
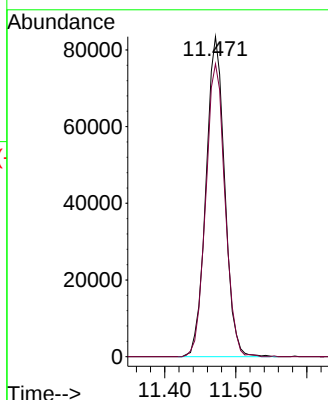
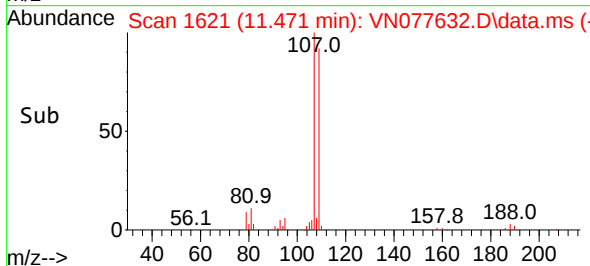
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



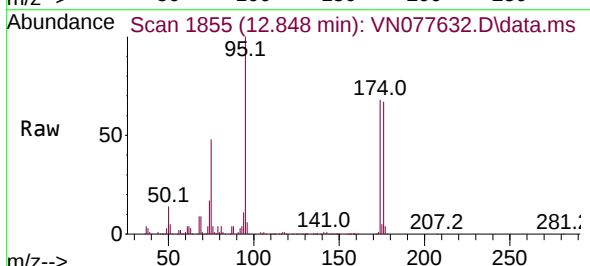
Tgt Ion:107 Resp: 152709
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

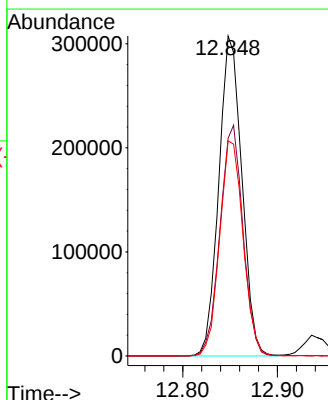
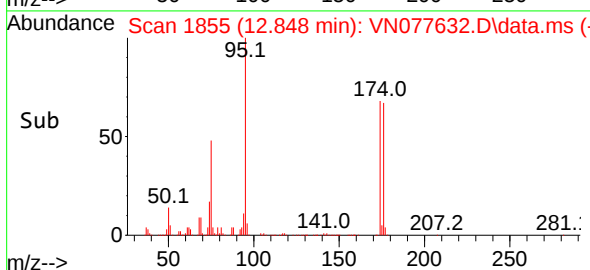
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

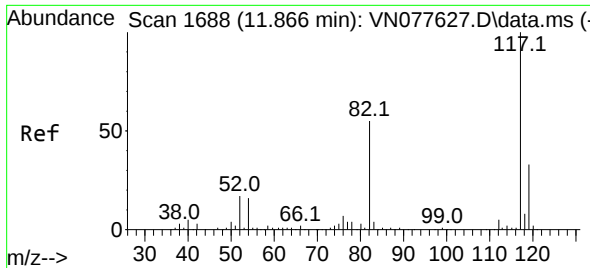


#62
4-Bromofluorobenzene
Concen: 55.820 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



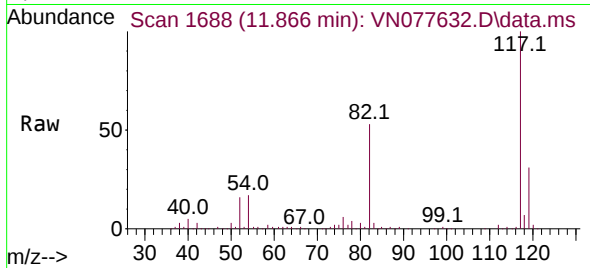
Tgt Ion: 95 Resp: 520828
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 68.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

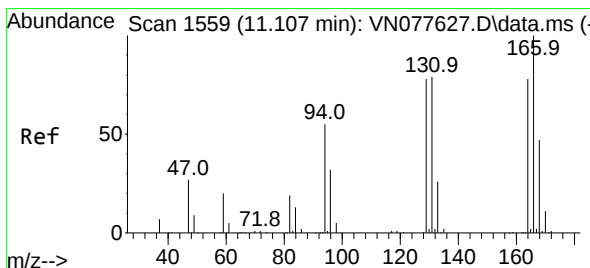
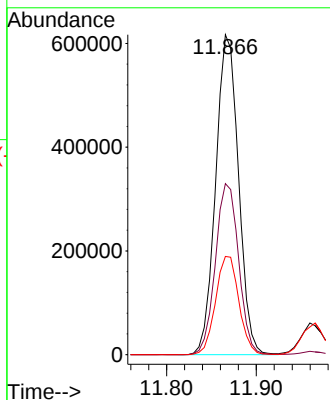
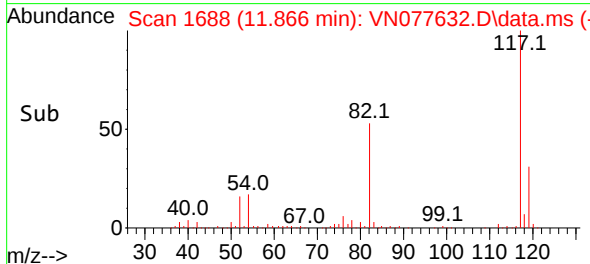
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion:117 Resp: 1090919
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 30.7 25.6 38.4

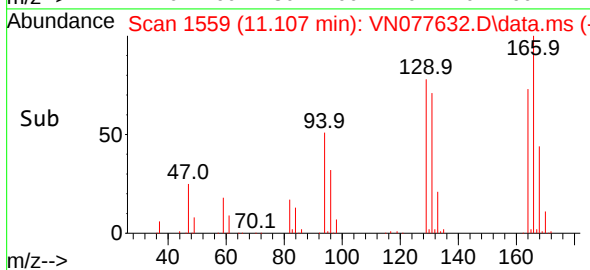
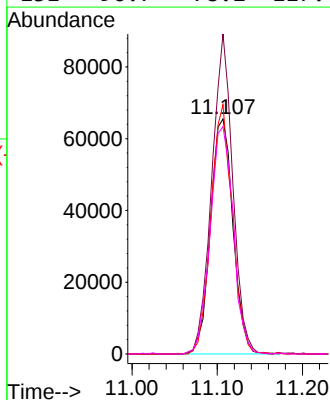
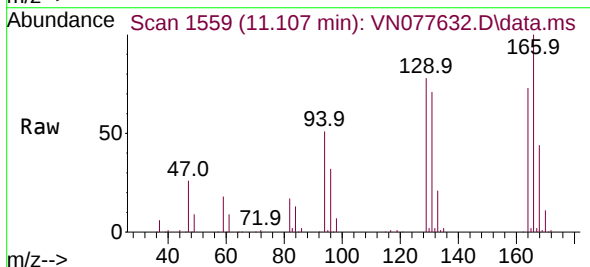
Manual Integrations
APPROVED

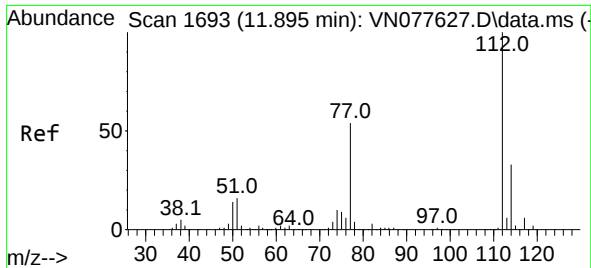
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#64
Tetrachloroethene
Concen: 18.593 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

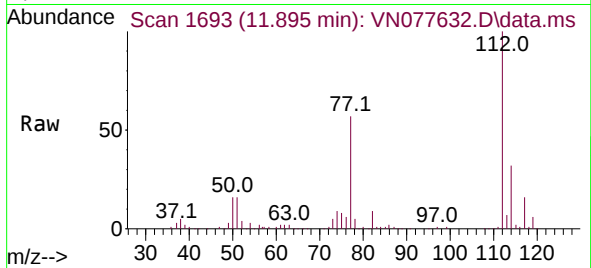
Tgt Ion:164 Resp: 120714
Ion Ratio Lower Upper
164 100
166 136.1 101.4 152.0
129 105.9 82.4 123.6
131 96.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.260 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

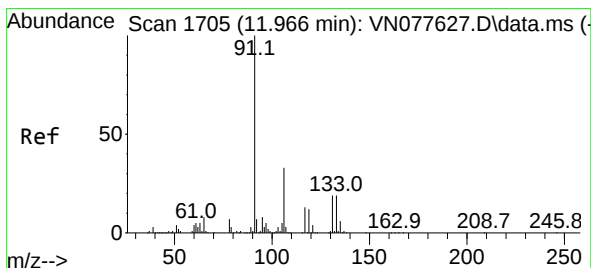
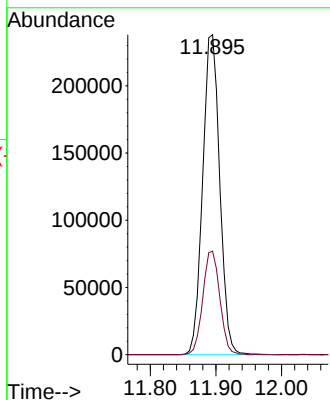
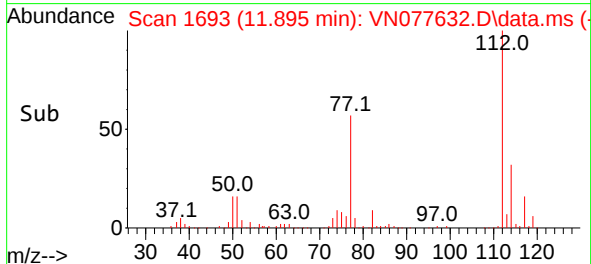
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



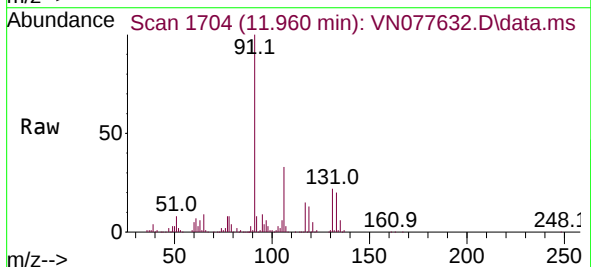
Tgt Ion:112 Resp: 431889
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

Manual Integrations
APPROVED

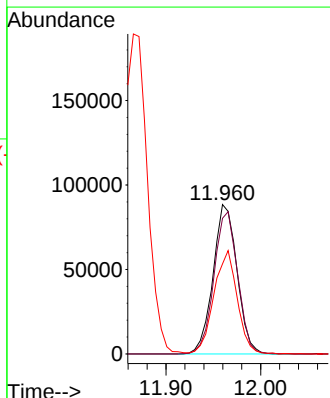
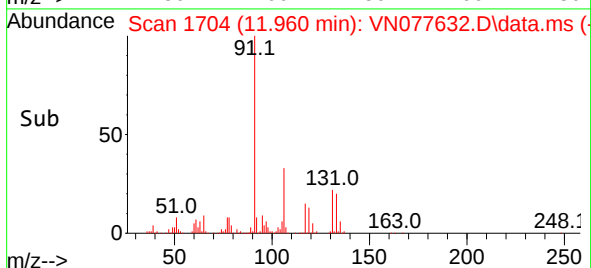
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

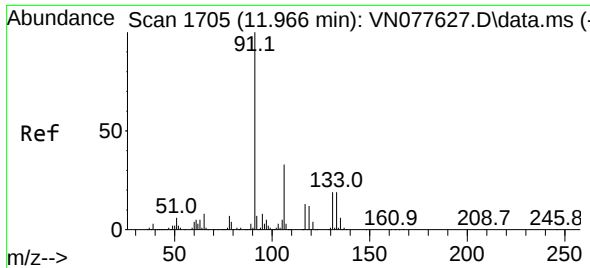


#66
1,1,1,2-Tetrachloroethane
Concen: 19.295 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



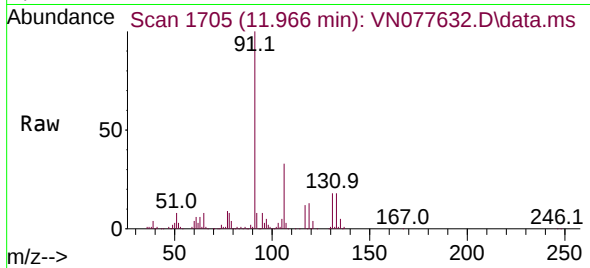
Tgt Ion:131 Resp: 155881
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 67.5 34.1 102.2





#67
Ethyl Benzene
Concen: 19.807 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

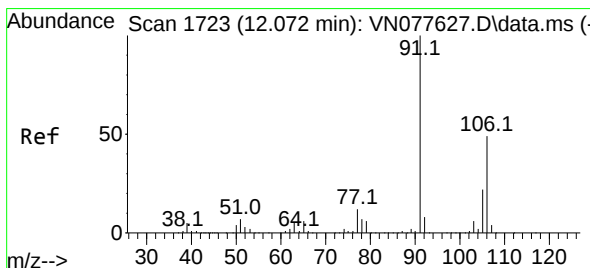
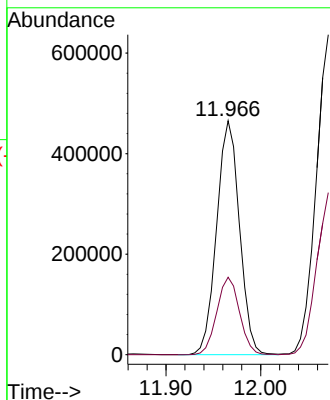
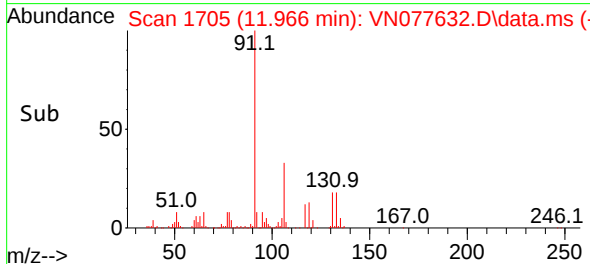
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



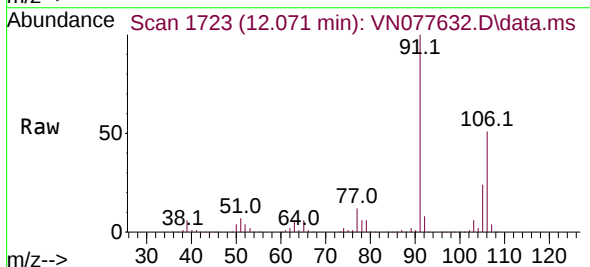
Tgt Ion: 91 Resp: 779758
Ion Ratio Lower Upper
91 100
106 33.1 25.6 38.4

Manual Integrations
APPROVED

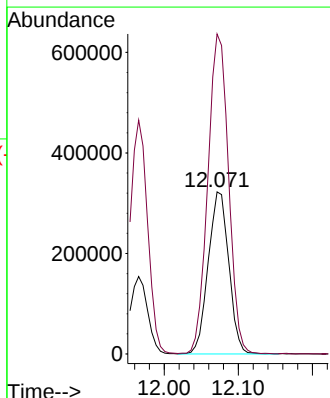
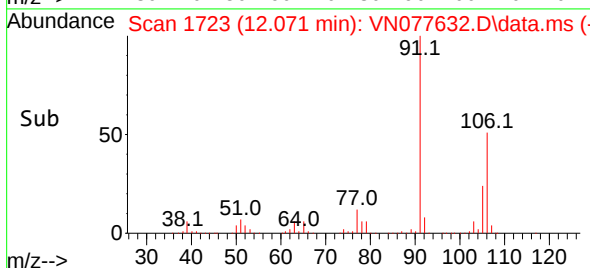
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

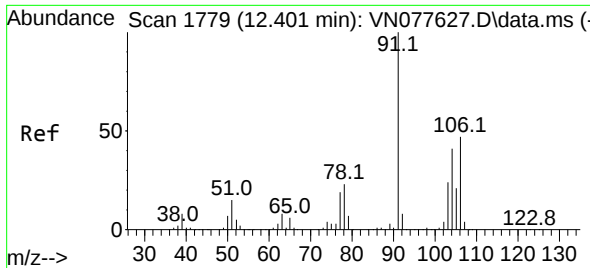


#68
m/p-Xylenes
Concen: 39.923 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



Tgt Ion:106 Resp: 622288
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





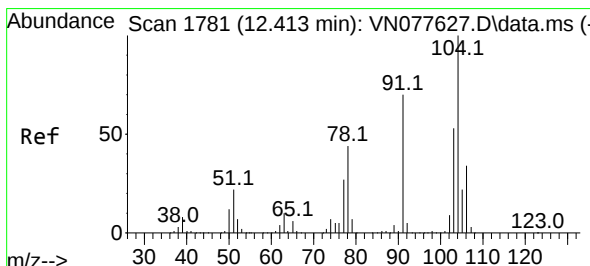
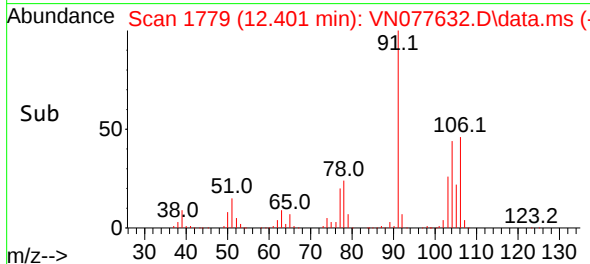
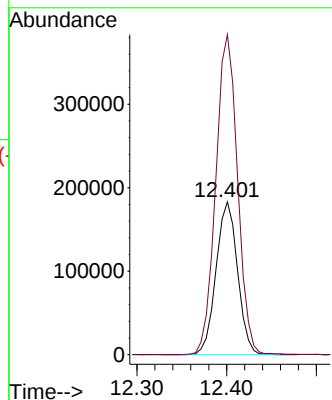
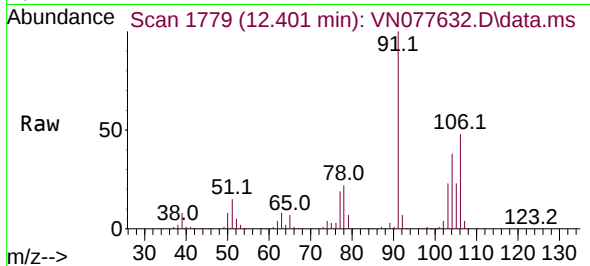
#69
o-Xylene
Concen: 19.478 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion:106 Resp: 30432
Ion Ratio Lower Upper
106 100
91 212.9 105.2 315.5

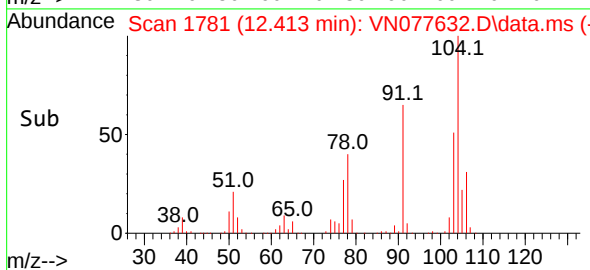
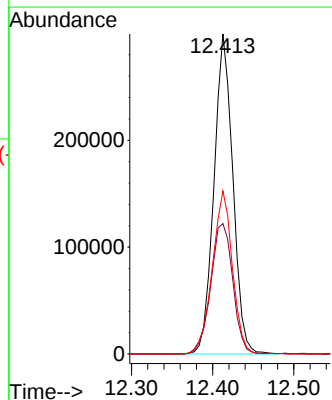
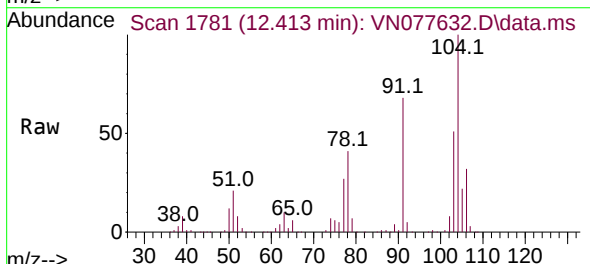
Manual Integrations
APPROVED

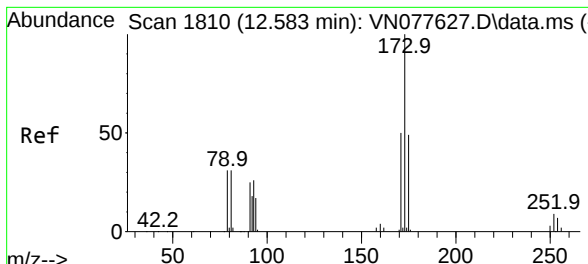
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 20.255 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

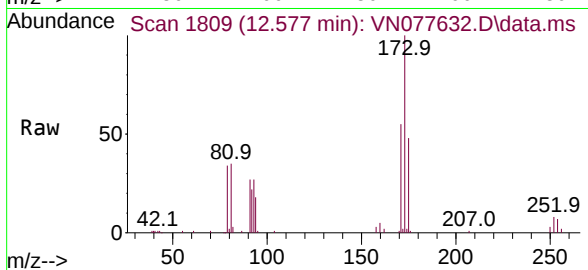
Tgt Ion:104 Resp: 484667
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 53.9 43.2 64.8





#71
Bromoform
Concen: 18.287 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

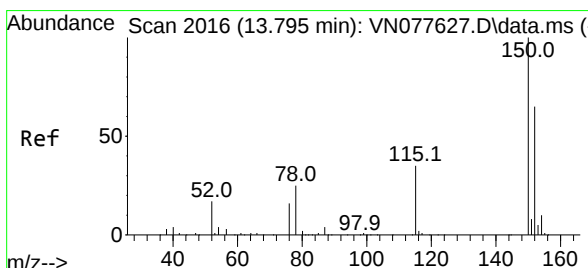
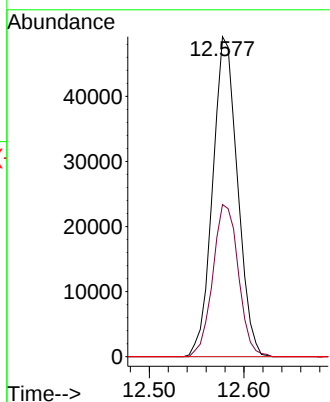
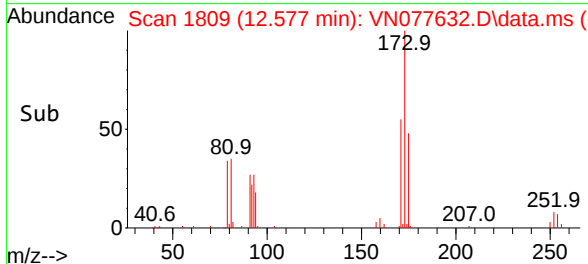
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion:173 Resp: 8965
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

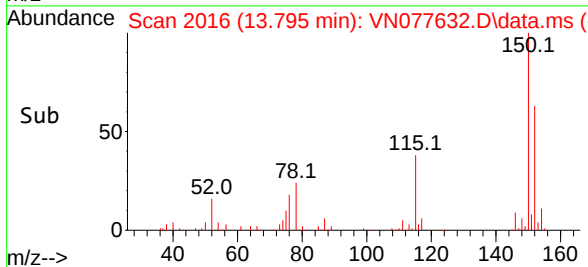
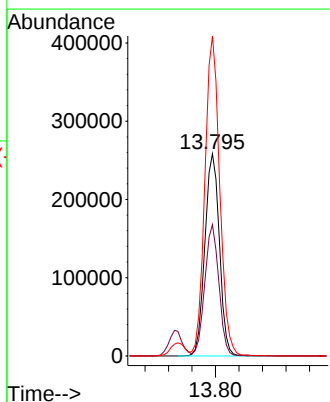
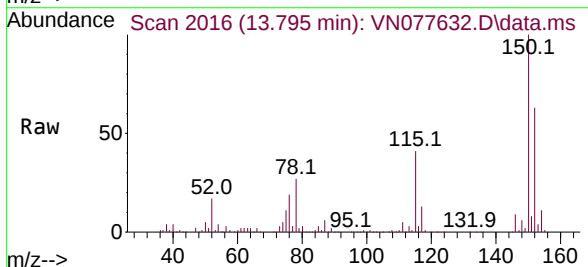
Manual Integrations
APPROVED

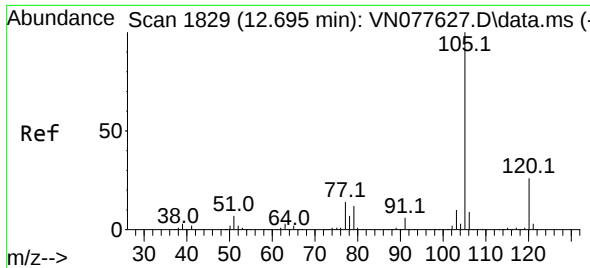
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion:152 Resp: 442304
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 161.5 0.0 355.8





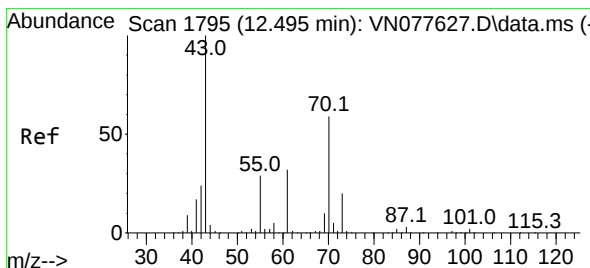
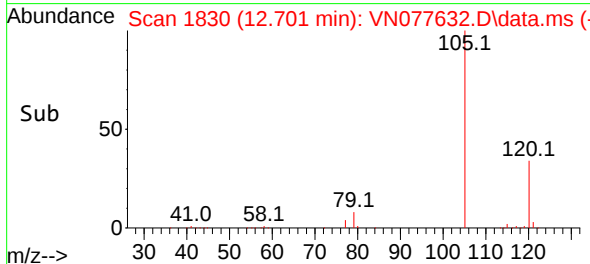
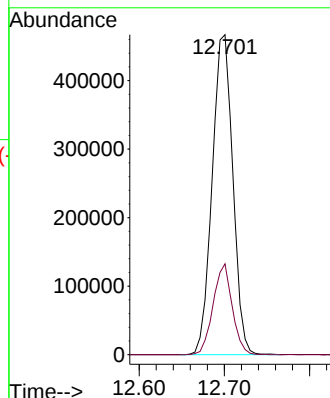
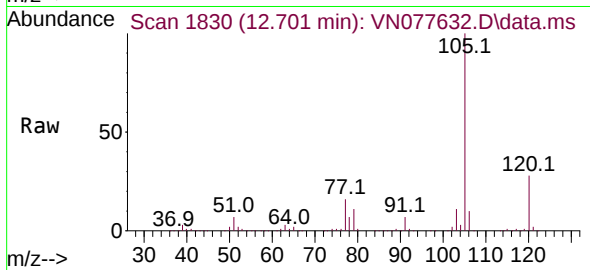
#73
Isopropylbenzene
Concen: 19.904 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion:105 Resp: 78536
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

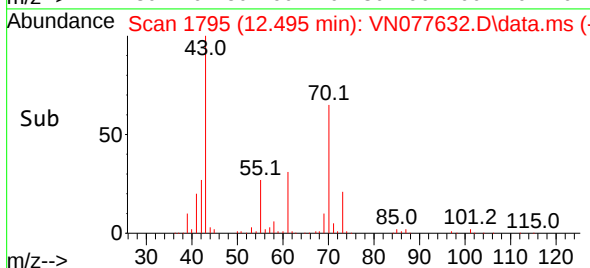
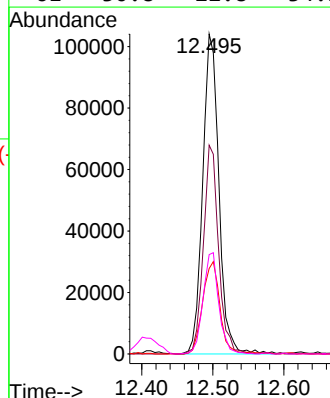
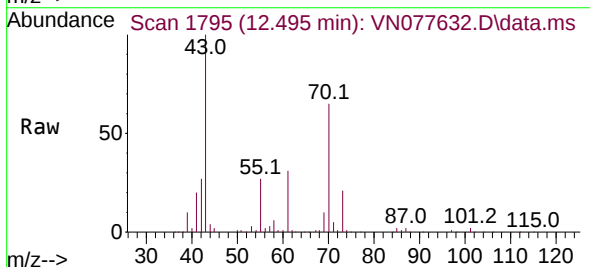
Manual Integrations
APPROVED

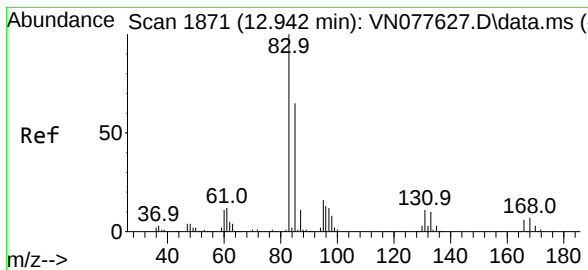
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#74
N-ethyl acetate
Concen: 19.015 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

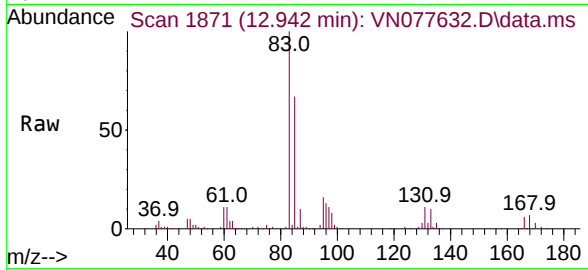
Tgt Ion: 43 Resp: 165580
Ion Ratio Lower Upper
43 100
70 61.0 43.4 65.2
55 31.0 21.4 32.0
61 30.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.164 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

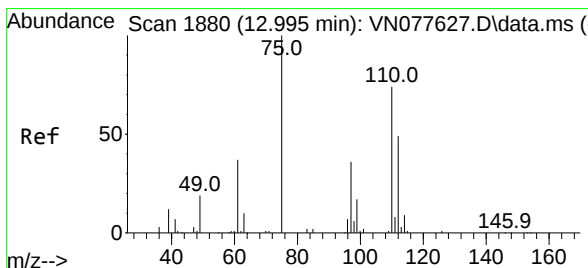
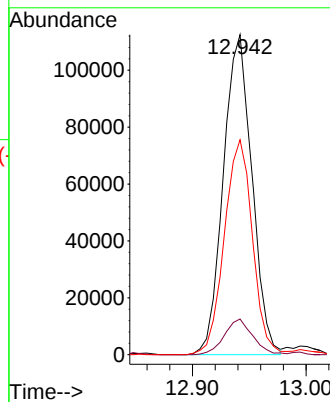
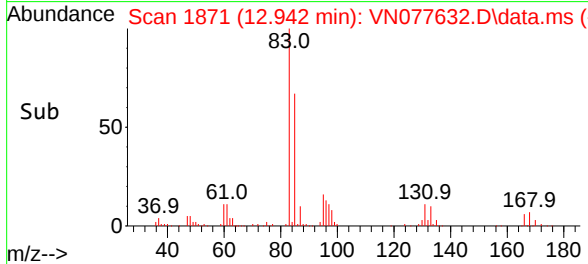
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 83 Resp: 197024
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 66.0 31.9 95.7

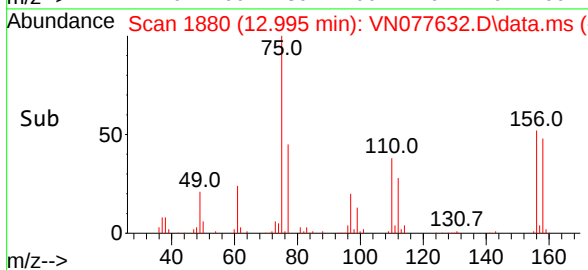
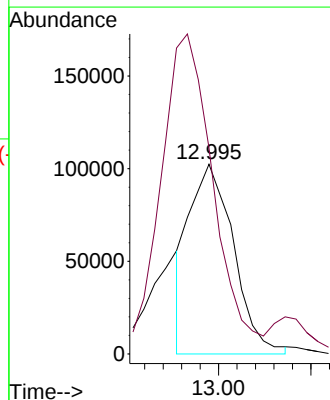
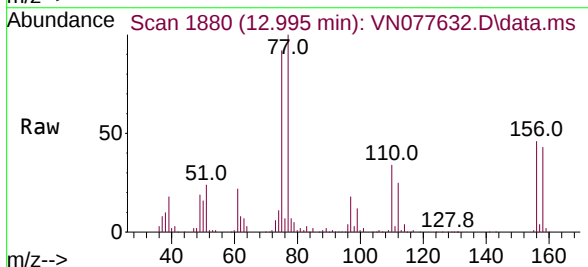
Manual Integrations
APPROVED

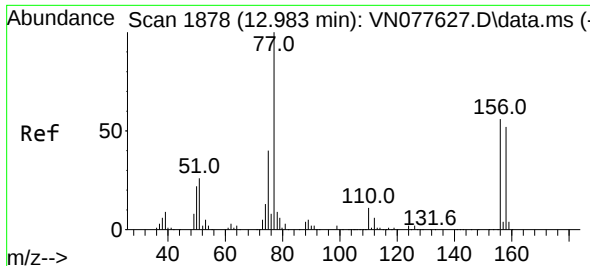
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#76
1,2,3-Trichloropropane
Concen: 18.765 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion: 75 Resp: 171276
Ion Ratio Lower Upper
75 100
77 199.1 84.5 253.5





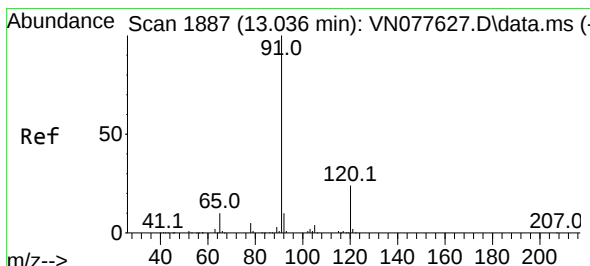
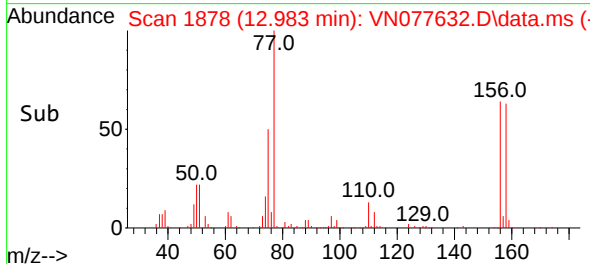
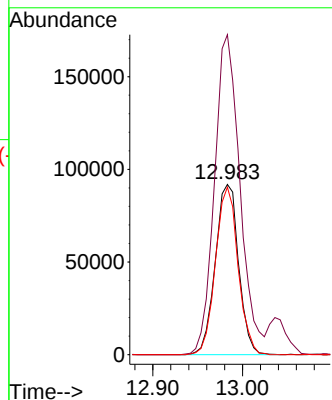
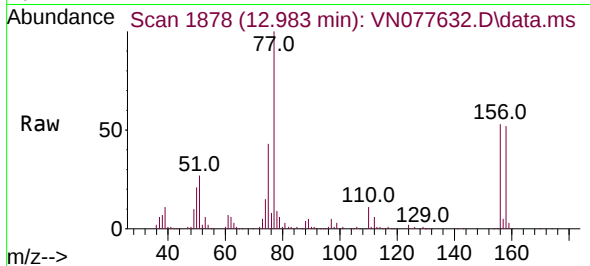
#77
Bromobenzene
Concen: 18.933 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion:156 Resp: 165444
Ion Ratio Lower Upper
156 100
77 206.1 107.7 323.3
158 95.3 48.4 145.3

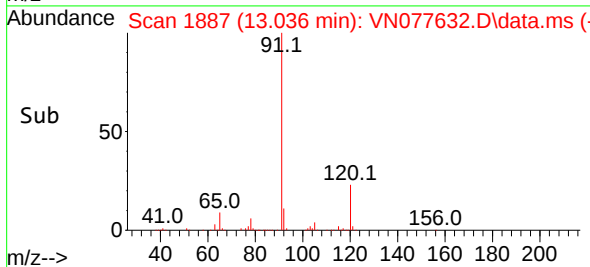
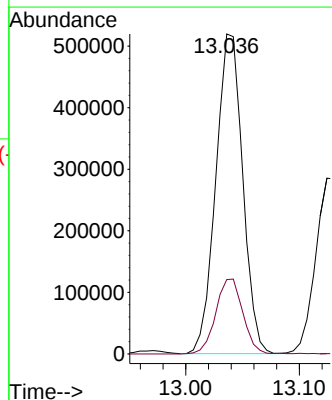
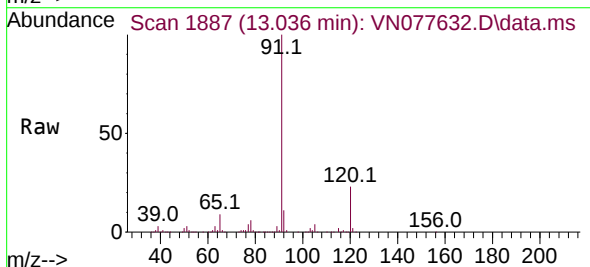
Manual Integrations
APPROVED

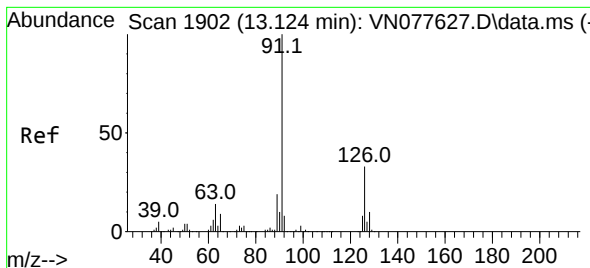
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#78
n-propylbenzene
Concen: 20.174 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion: 91 Resp: 854453
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.213 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

Tgt Ion: 91 Resp: 518290

Ion Ratio Lower Upper

91 100

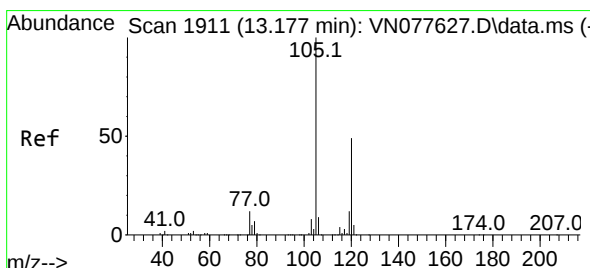
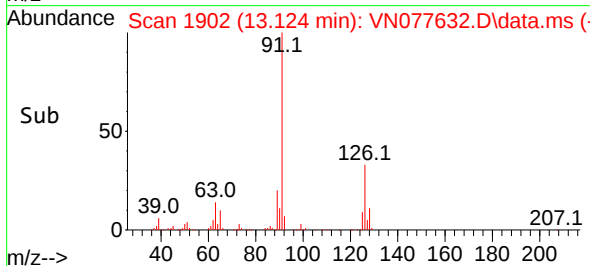
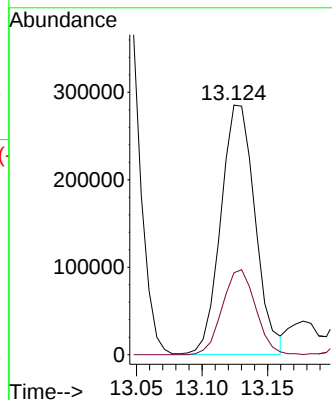
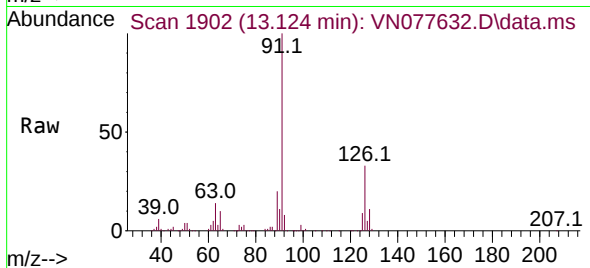
126 33.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.780 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077632.D

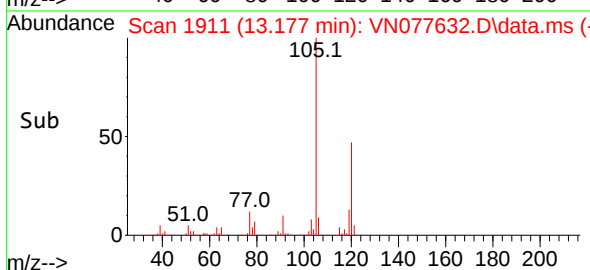
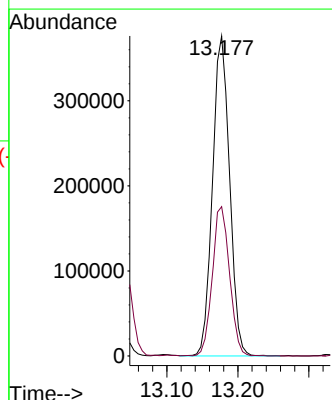
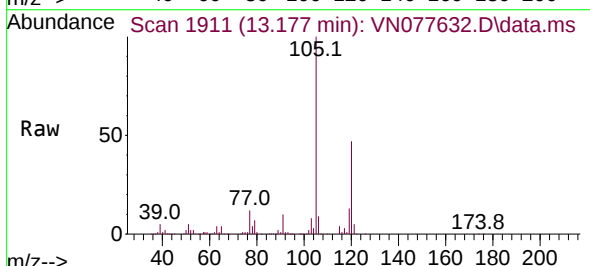
Acq: 09 May 2023 15:08

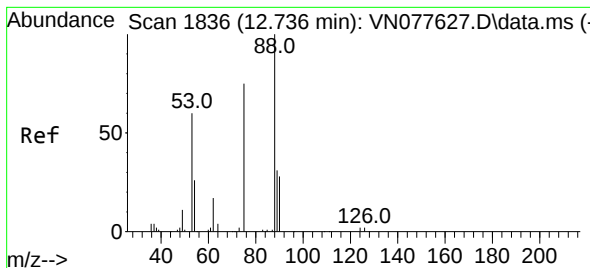
Tgt Ion:105 Resp: 627260

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3





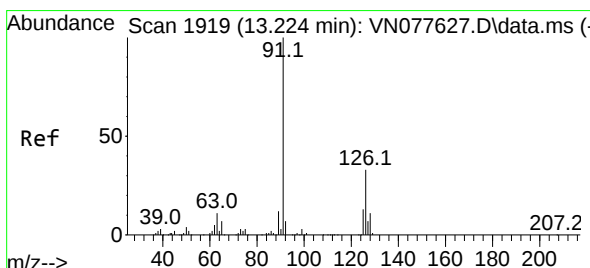
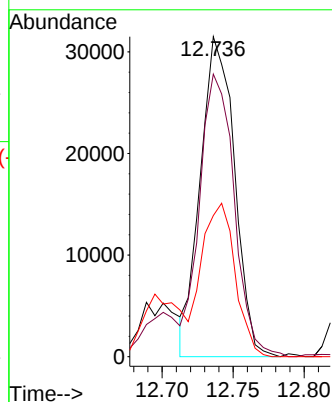
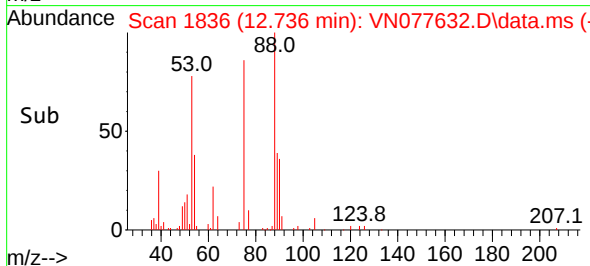
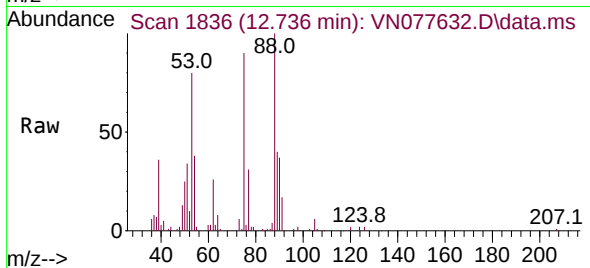
#81
trans-1,4-Dichloro-2-butene
Concen: 18.365 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion: 75 Resp: 5264
Ion Ratio Lower Upper
75 100
53 89.5 67.4 101.2
89 46.8 38.8 58.2

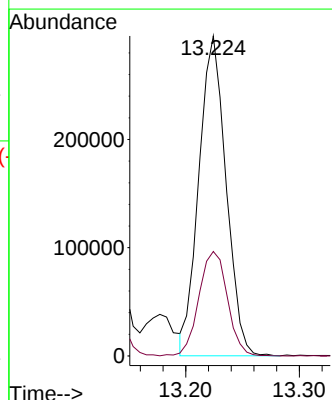
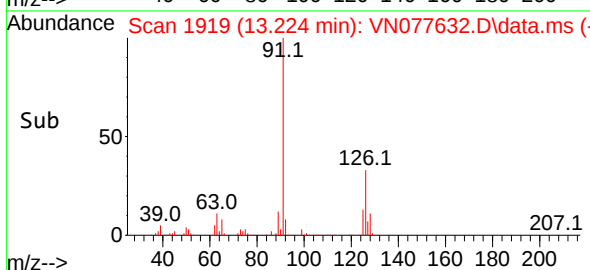
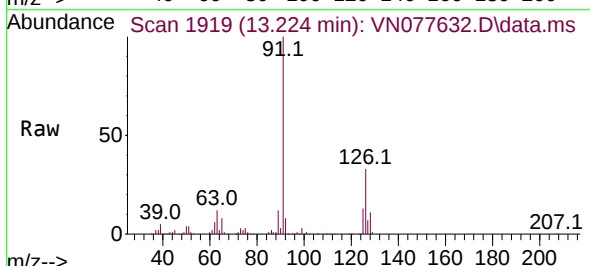
Manual Integrations
APPROVED

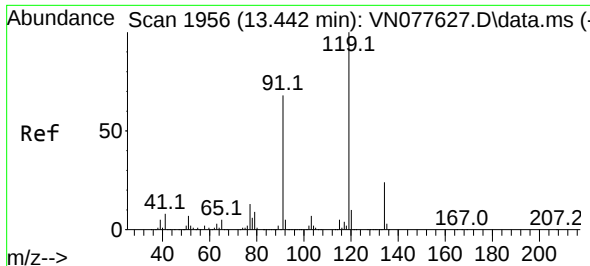
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#82
4-Chlorotoluene
Concen: 19.389 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

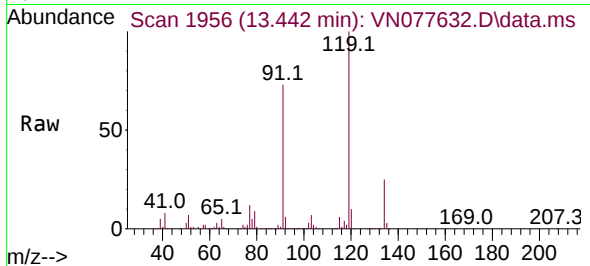
Tgt Ion: 91 Resp: 490513
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.753 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

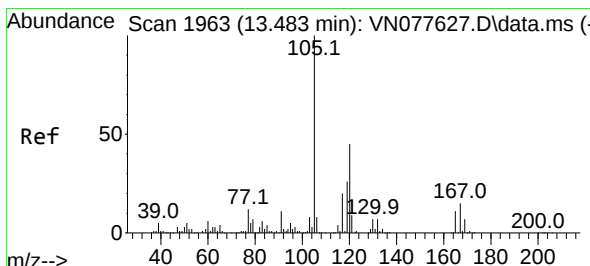
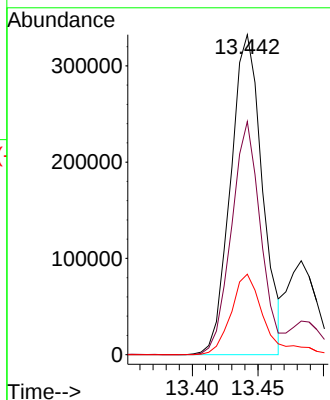
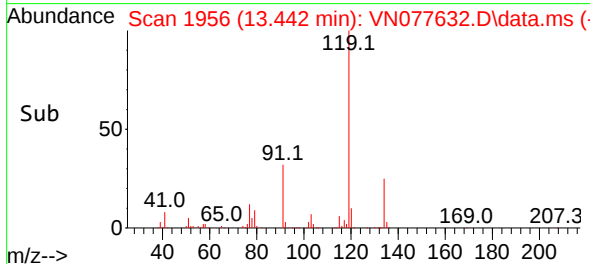
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



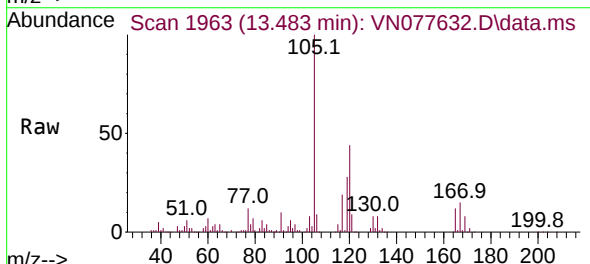
Tgt Ion:119 Resp: 560290
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 26.5 13.2 39.6

Manual Integrations
APPROVED

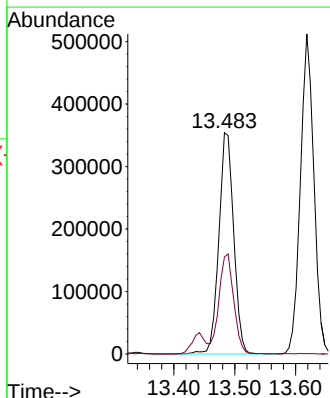
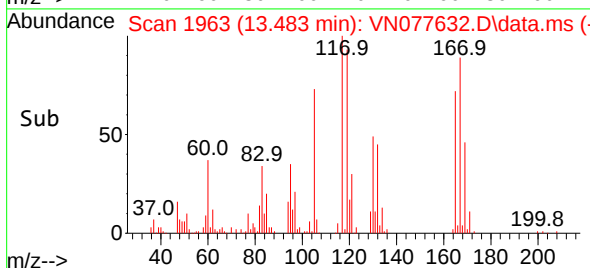
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

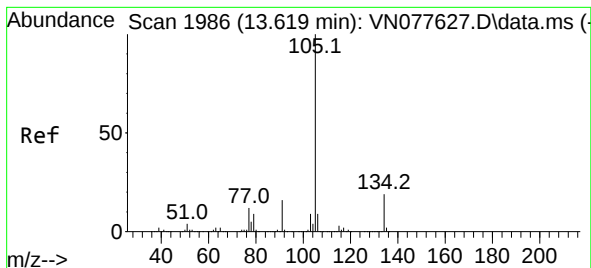


#84
1,2,4-Trimethylbenzene
Concen: 21.136 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



Tgt Ion:105 Resp: 599570
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.566 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

Tgt Ion:105 Resp: 78525

Ion Ratio Lower Upper

105 100

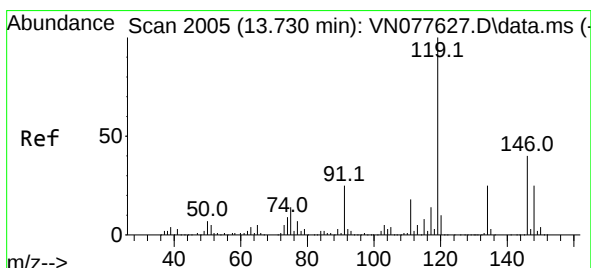
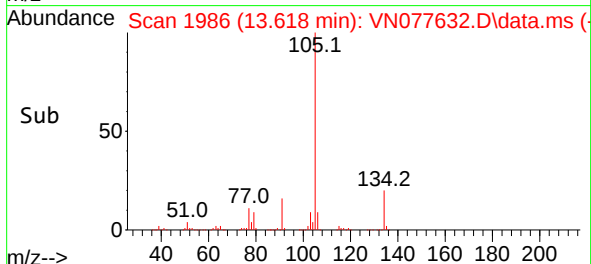
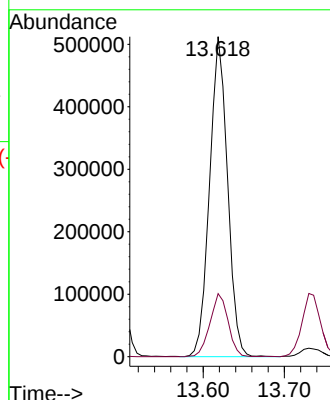
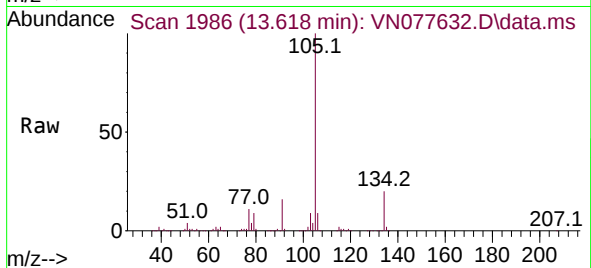
134 19.9 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#86

p-Isopropyltoluene

Concen: 20.450 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

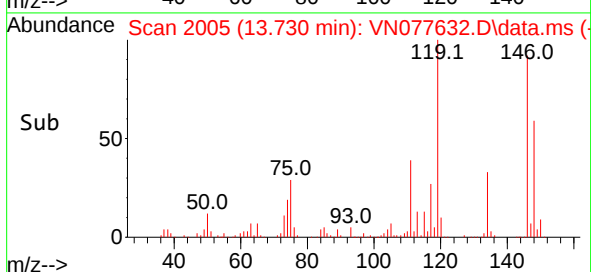
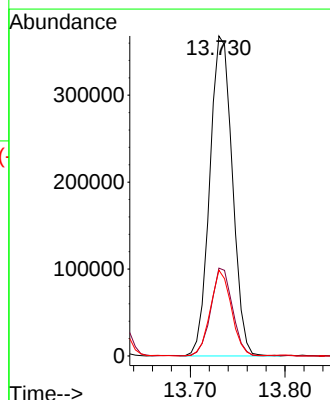
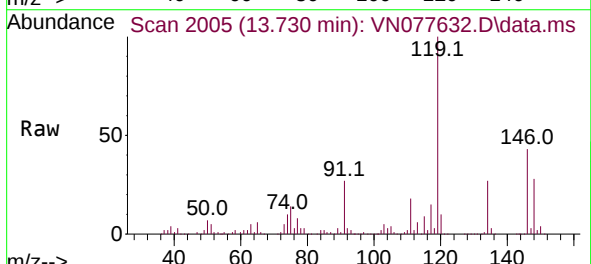
Tgt Ion:119 Resp: 610609

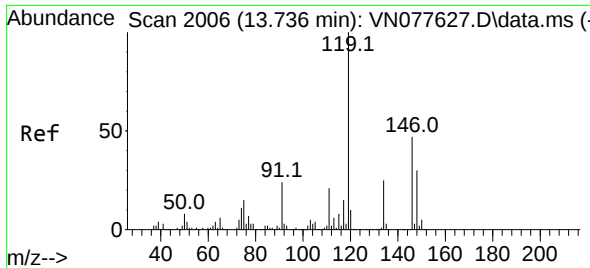
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 25.0 12.4 37.2





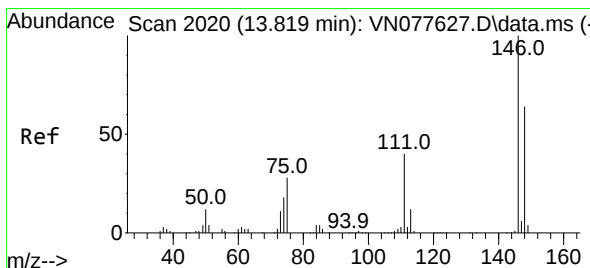
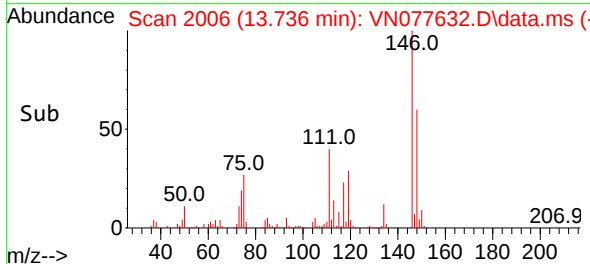
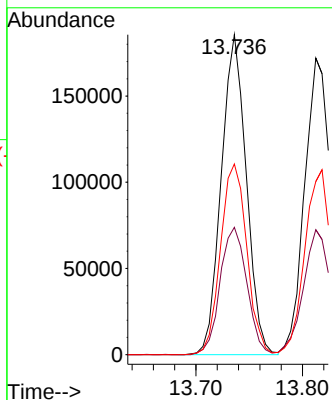
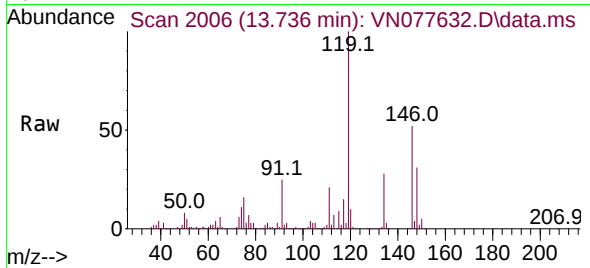
#87
1,3-Dichlorobenzene
Concen: 19.976 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01

Tgt Ion:146 Resp: 303408
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 62.4 32.0 96.0

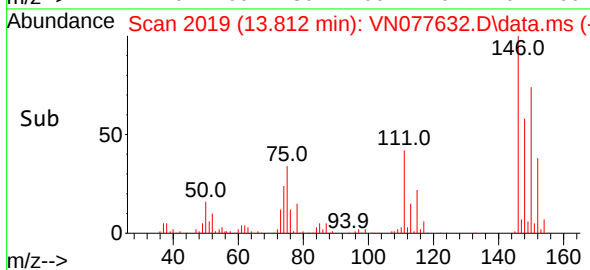
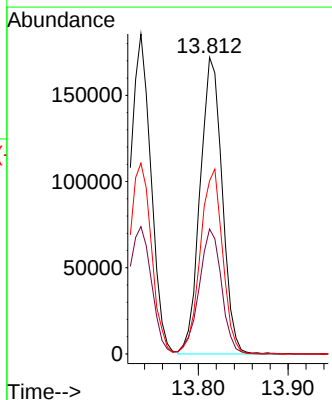
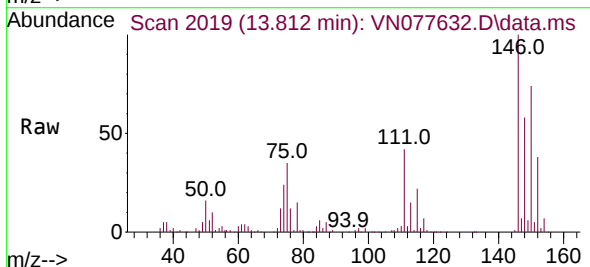
Manual Integrations
APPROVED

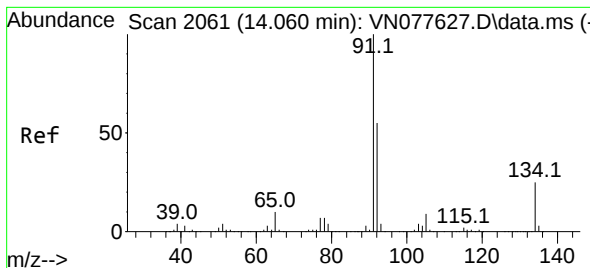
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#88
1,4-Dichlorobenzene
Concen: 19.462 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.007 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

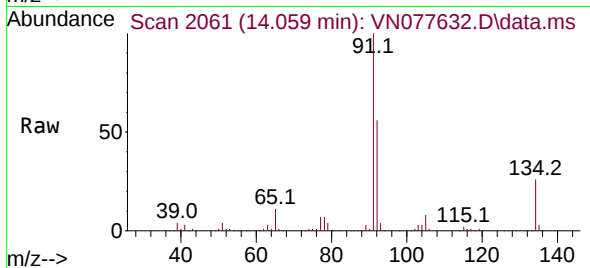
Tgt Ion:146 Resp: 293853
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.8
148 63.1 31.6 94.8





#89
n-Butylbenzene
Concen: 20.024 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

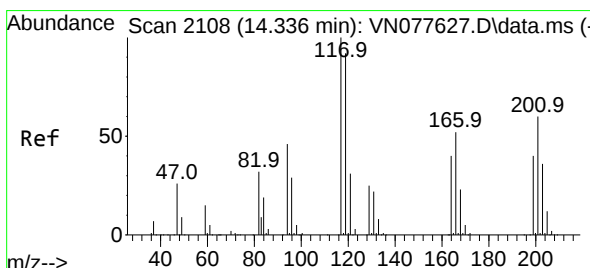
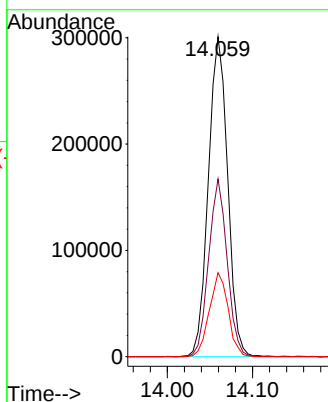
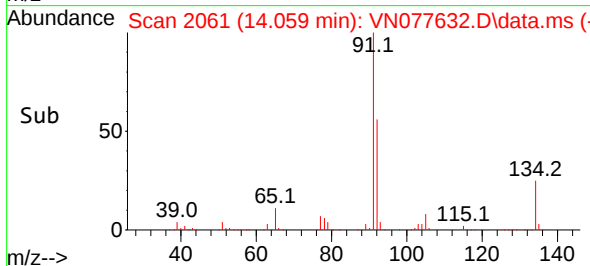
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion: 91 Resp: 473789
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 25.6 12.6 37.6

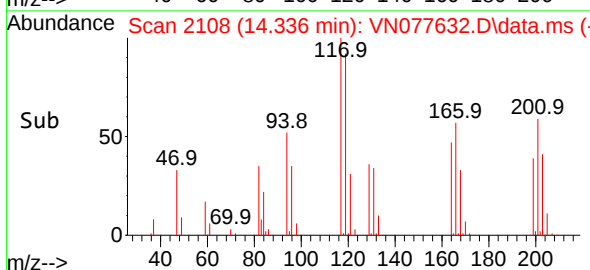
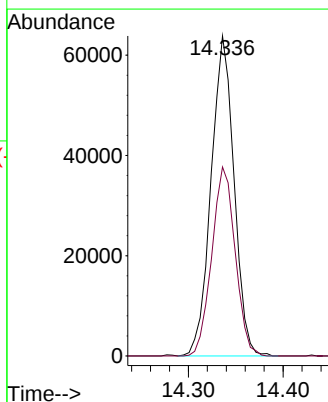
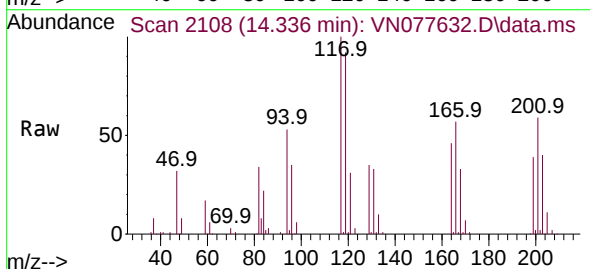
Manual Integrations
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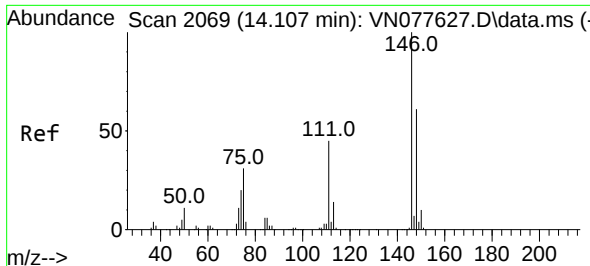
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#90
Hexachloroethane
Concen: 18.763 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion:117 Resp: 107437
Ion Ratio Lower Upper
117 100
201 60.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.012 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBS01

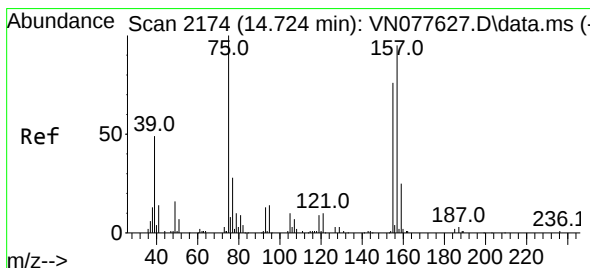
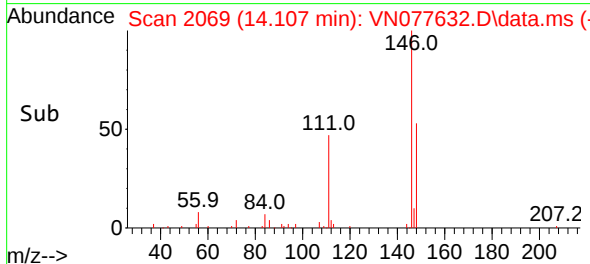
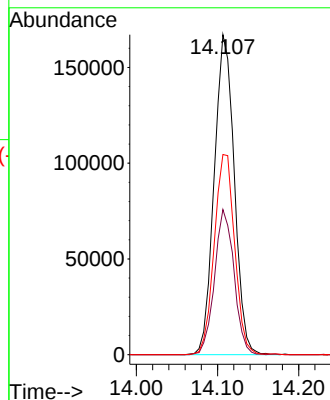
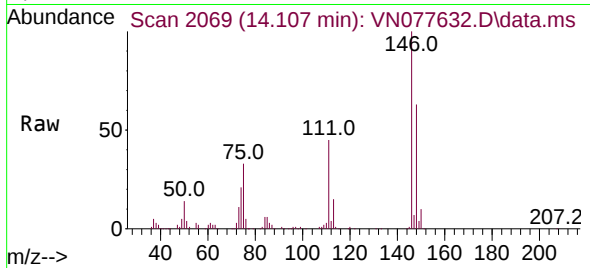
Tgt Ion:	146	Resp:	287090
Ion Ratio	Lower	Upper	
146	100		
111	44.1	22.0	66.0
148	63.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2023

Supervised By :Mahesh Dadoda 05/10/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.037 ug/l

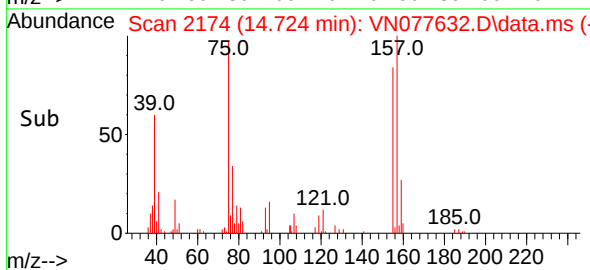
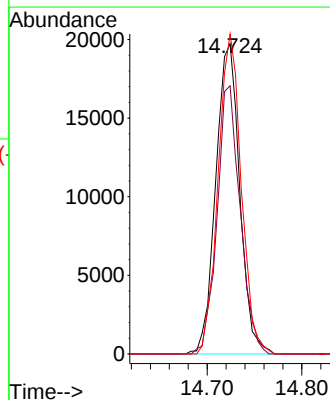
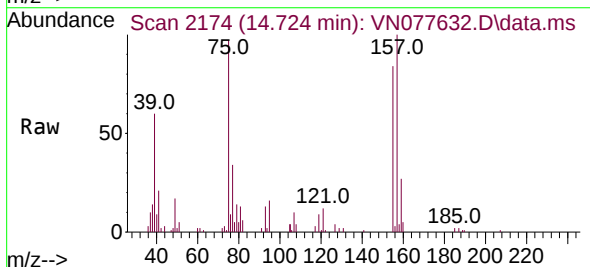
RT: 14.724 min Scan# 2174

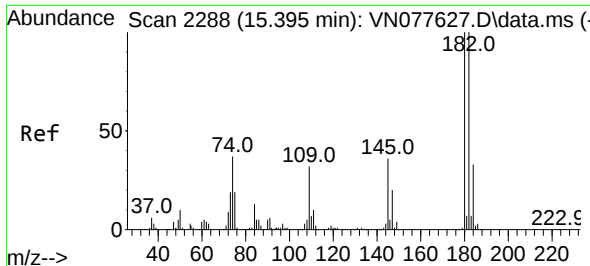
Delta R.T. 0.000 min

Lab File: VN077632.D

Acq: 09 May 2023 15:08

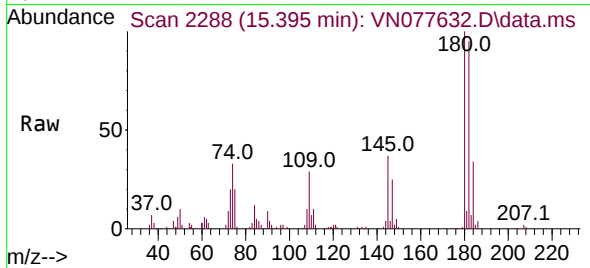
Tgt Ion:	75	Resp:	34624
Ion Ratio	Lower	Upper	
75	100		
155	83.3	39.1	117.2
157	99.7	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.326 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

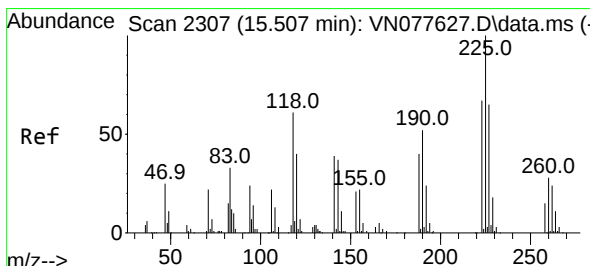
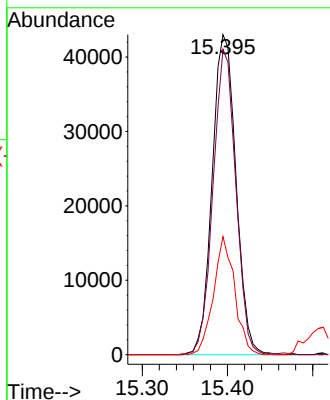
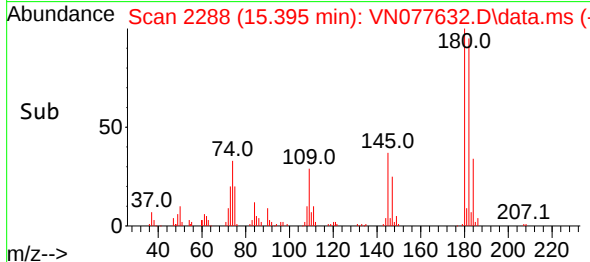
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



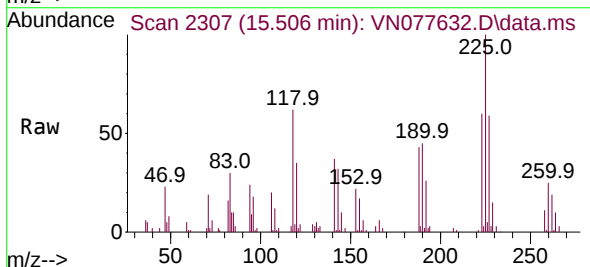
Tgt Ion:180 Resp: 83410
Ion Ratio Lower Upper
180 100
182 91.5 46.1 138.2
145 33.0 16.6 49.8

Manual Integrations
APPROVED

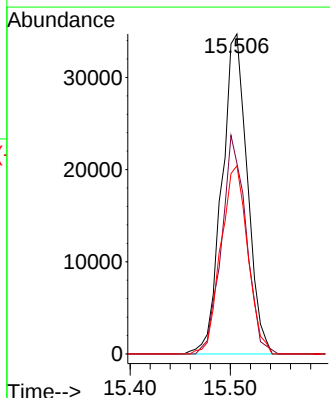
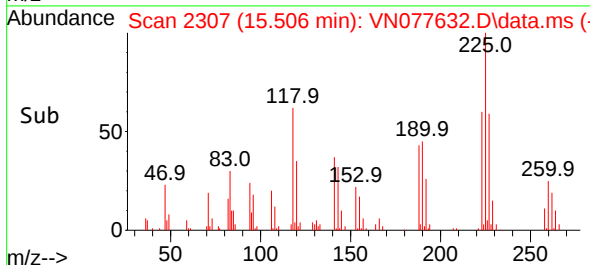
Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

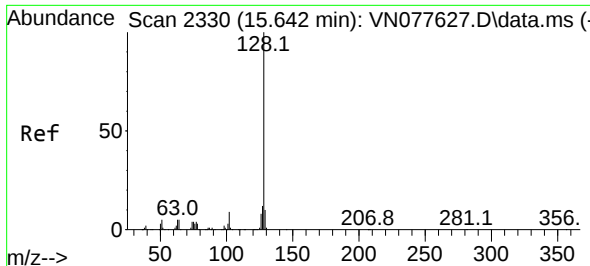


#94
Hexachlorobutadiene
Concen: 18.908 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08



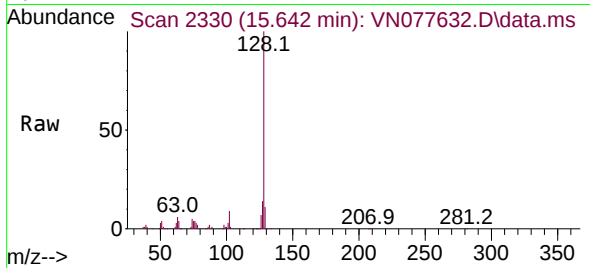
Tgt Ion:225 Resp: 61004
Ion Ratio Lower Upper
225 100
223 65.9 31.3 93.8
227 62.0 31.9 95.9





#95
Naphthalene
Concen: 15.865 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

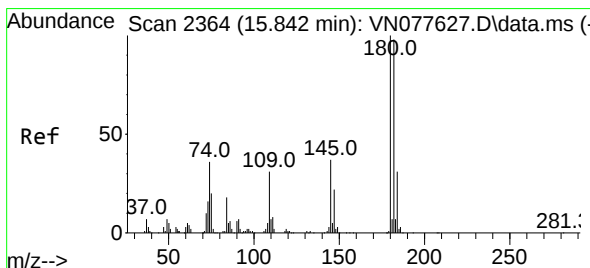
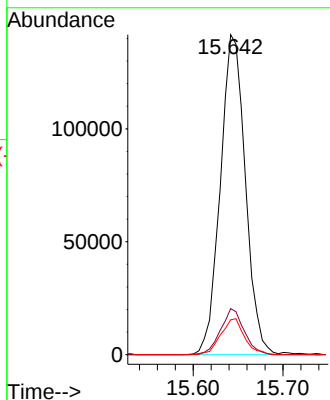
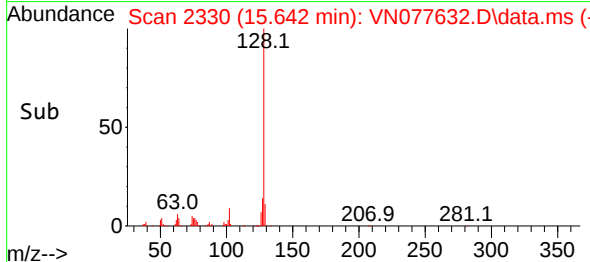
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBS01



Tgt Ion:128 Resp: 27436
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.917 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077632.D
Acq: 09 May 2023 15:08

Tgt Ion:180 Resp: 75374
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 35.9 17.5 52.6

