

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076621.D
 Acq On : 13 Feb 2023 10:40
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 13 11:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 11:31:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	312886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	554827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	492720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	23237	6.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.580%#		
35) Dibromofluoromethane	8.172	113	20335	5.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.800%#		
50) Toluene-d8	10.572	98	68996	5.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.640%#		
62) 4-Bromofluorobenzene	12.848	95	21075	4.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	13115	4.035	ug/l	76
3) Chloromethane	2.378	50	19466	6.516	ug/l #	87
4) Vinyl Chloride	2.525	62	19865	7.242	ug/l	90
5) Bromomethane	2.931	94	16263	7.991	ug/l	90
6) Chloroethane	3.119	64	14990	9.035	ug/l	99
7) Trichlorofluoromethane	3.507	101	30097	5.567	ug/l	95
8) Diethyl Ether	3.972	74	11403	5.570	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.378	101	17491	5.222	ug/l #	87
10) Methyl Iodide	4.596	142	16738	3.417	ug/l #	97
11) Tert butyl alcohol	5.537	59	14696	30.552	ug/l	96
12) 1,1-Dichloroethene	4.343	96	16371	5.232	ug/l	95
13) Acrolein	4.190	56	24577	38.246	ug/l	93
14) Allyl chloride	5.043	41	29021	7.122	ug/l #	90
15) Acrylonitrile	5.731	53	50481	34.972	ug/l	97
16) Acetone	4.449	43	50083	41.135	ug/l	92
17) Carbon Disulfide	4.719	76	39817	4.912	ug/l	98
18) Methyl Acetate	5.043	43	29325	7.612	ug/l	91
19) Methyl tert-butyl Ether	5.801	73	55361	5.320	ug/l	91
20) Methylene Chloride	5.290	84	21654	5.769	ug/l #	79
21) trans-1,2-Dichloroethene	5.790	96	18599	5.469	ug/l #	79
22) Diisopropyl ether	6.684	45	65195	7.059	ug/l #	89
23) Vinyl Acetate	6.613	43	181940	31.484	ug/l #	86
24) 1,1-Dichloroethane	6.572	63	35790	6.035	ug/l	98
25) 2-Butanone	7.489	43	70156	40.087	ug/l #	88
26) 2,2-Dichloropropane	7.501	77	24918	5.033	ug/l	96
27) cis-1,2-Dichloroethene	7.501	96	20427	5.136	ug/l	86
28) Bromochloromethane	7.819	49	19002	7.996	ug/l #	5
29) Tetrahydrofuran	7.848	42	45546	40.493	ug/l #	79
30) Chloroform	7.966	83	37388	5.811	ug/l	95
31) Cyclohexane	8.260	56	39236	6.722	ug/l	85
32) 1,1,1-Trichloroethane	8.178	97	31817	5.519	ug/l #	45
36) 1,1-Dichloropropene	8.372	75	25689	5.217	ug/l	95
37) Ethyl Acetate	7.560	43	30725	8.328	ug/l #	91
38) Carbon Tetrachloride	8.366	117	27091	5.117	ug/l	92
39) Methylcyclohexane	9.601	83	29160	4.768	ug/l #	87
40) Benzene	8.613	78	81359	5.450	ug/l	97

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 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 02/14/2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	16673	7.981	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	30124	6.198	ug/l	99
43) Isopropyl Acetate	8.689	43	43509	7.087	ug/l	95
44) Trichloroethene	9.360	130	19106	4.793	ug/l	89
45) 1,2-Dichloropropane	9.619	63	21601	6.025	ug/l	93
46) Dibromomethane	9.707	93	13986	5.408	ug/l	93
47) Bromodichloromethane	9.889	83	28275	5.437	ug/l #	94
48) Methyl methacrylate	9.689	41	20670	6.846	ug/l #	77
49) 1,4-Dioxane	9.695	88	7030	108.848	ug/l #	75
51) 4-Methyl-2-Pentanone	10.448	43	144175	39.076	ug/l	87
52) Toluene	10.630	92	49334	5.121	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	23970	4.770	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	30770	5.370	ug/l #	85
55) 1,1,2-Trichloroethane	11.019	97	21684	5.747	ug/l	93
56) Ethyl methacrylate	10.878	69	27013	5.349	ug/l #	80
57) 1,3-Dichloropropane	11.166	76	34983	5.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	64633	44.788	ug/l	90
59) 2-Hexanone	11.201	43	98825	37.571	ug/l	83
60) Dibromochloromethane	11.360	129	19746	4.966	ug/l	100
61) 1,2-Dibromoethane	11.466	107	19457	5.210	ug/l	98
64) Tetrachloroethene	11.107	164	15774	3.845	ug/l #	87
65) Chlorobenzene	11.889	112	51476	5.052	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.966	131	18657	4.944	ug/l	98
67) Ethyl Benzene	11.966	91	88638	4.895	ug/l	98
68) m/p-Xylenes	12.072	106	68494	9.708	ug/l	99
69) o-Xylene	12.401	106	33691	4.877	ug/l	94
70) Styrene	12.413	104	53278	4.849	ug/l	98
71) Bromoform	12.577	173	13023	4.944	ug/l #	98
73) Isopropylbenzene	12.701	105	79679	4.486	ug/l	99
74) N-amyl acetate	12.495	43	34687	7.002	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	31538	6.478	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	24527m	6.061	ug/l	
77) Bromobenzene	12.983	156	20341	4.923	ug/l	92
78) n-propylbenzene	13.042	91	92093	4.708	ug/l	99
79) 2-Chlorotoluene	13.124	91	58751	4.715	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	67249	4.562	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	8044	6.104	ug/l #	87
82) 4-Chlorotoluene	13.124	91	58751	4.715	ug/l	99
83) tert-Butylbenzene	13.442	119	60393	4.574	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	67603	4.608	ug/l	97
85) sec-Butylbenzene	13.619	105	82941	4.658	ug/l	98
86) p-Isopropyltoluene	13.730	119	64392	4.413	ug/l	96
87) 1,3-Dichlorobenzene	13.730	146	39428	5.185	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	37696	4.880	ug/l	91
89) n-Butylbenzene	14.060	91	55635	4.815	ug/l	97
90) Hexachloroethane	14.336	117	14083	5.541	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	40849	5.448	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.730	75	6533	7.753	ug/l	71
93) 1,2,4-Trichlorobenzene	15.395	180	17090	4.975	ug/l	96
94) Hexachlorobutadiene	15.507	225	8968	4.642	ug/l	82
95) Naphthalene	15.642	128	49509	4.954	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	19305	5.868	ug/l	92

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

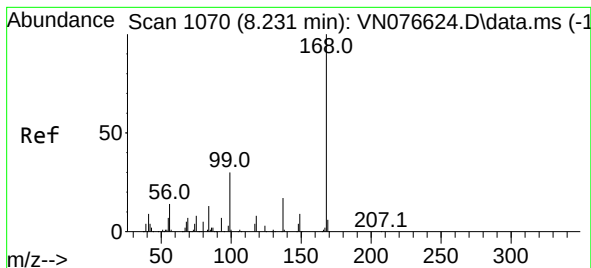
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

Quant Time: Feb 13 11:37:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 13 11:31:16 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



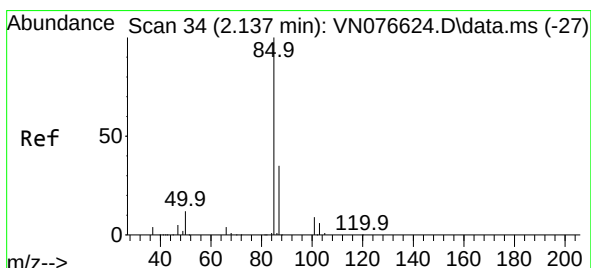
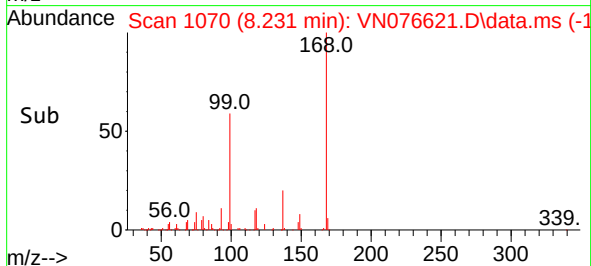
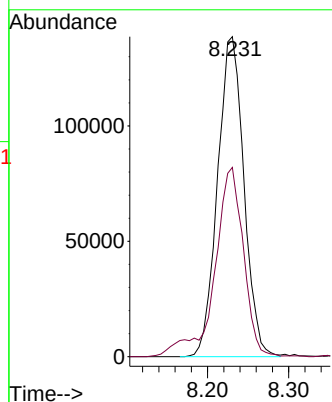
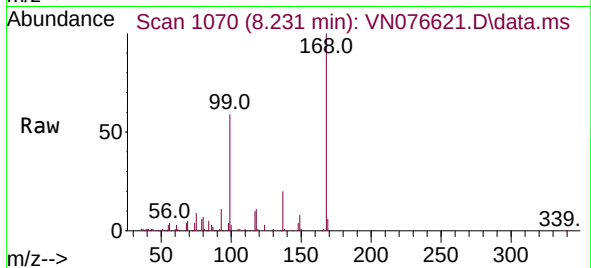
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 31288
Ion Ratio Lower Upper
168 100
99 59.0 47.8 71.8

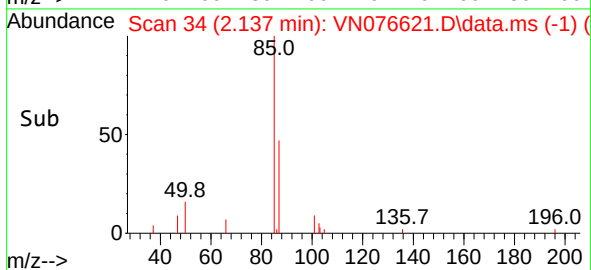
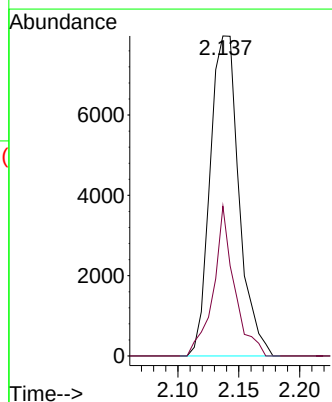
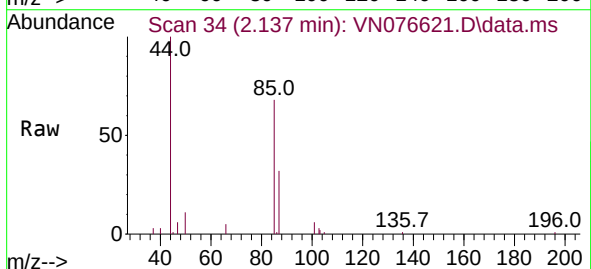
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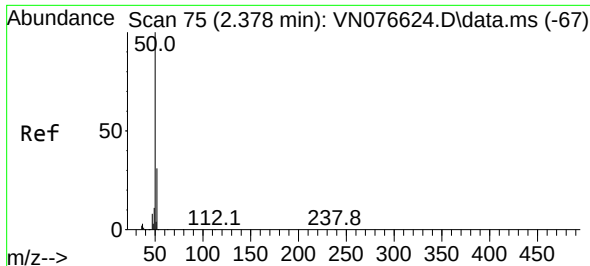
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 4.035 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

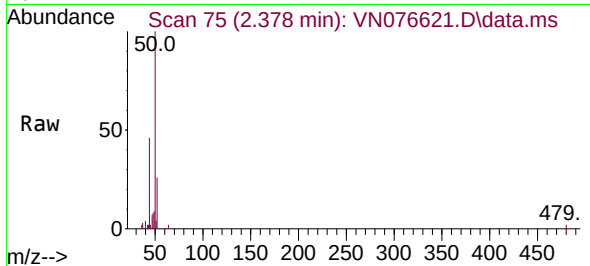
Tgt Ion: 85 Resp: 13115
Ion Ratio Lower Upper
85 100
87 46.8 16.6 49.8





#3
Chloromethane
Concen: 6.516 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.007 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

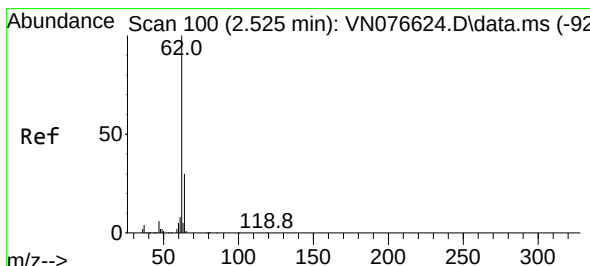
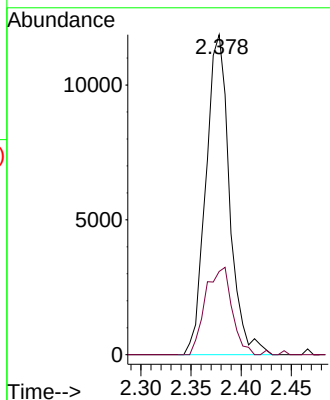
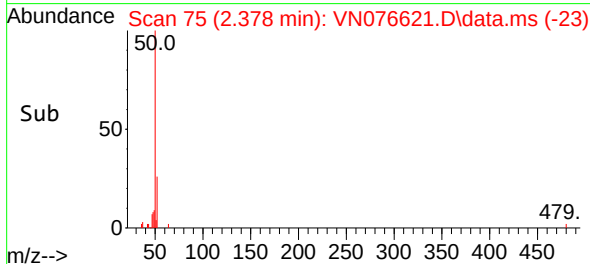
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



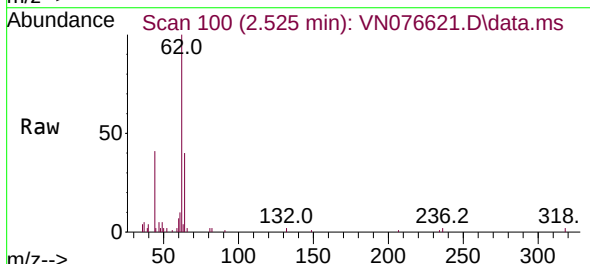
Tgt Ion: 50 Resp: 1946
Ion Ratio Lower Upper
50 100
52 26.0 27.0 40.4

Manual Integrations
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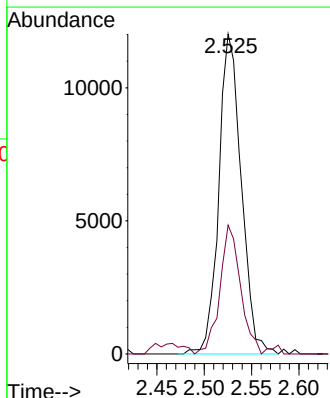
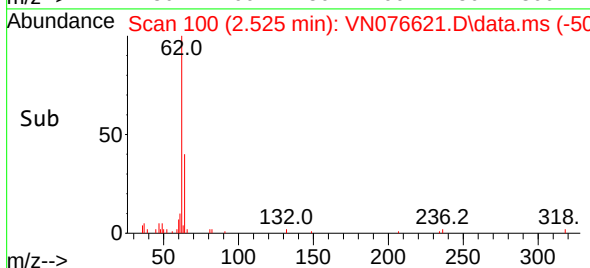
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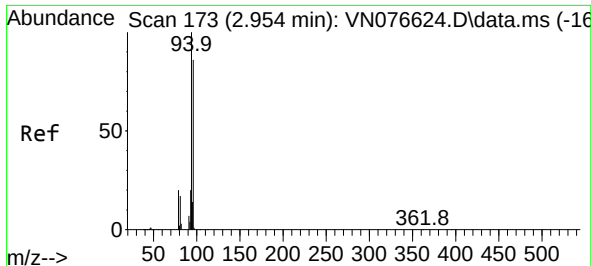


#4
Vinyl Chloride
Concen: 7.242 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



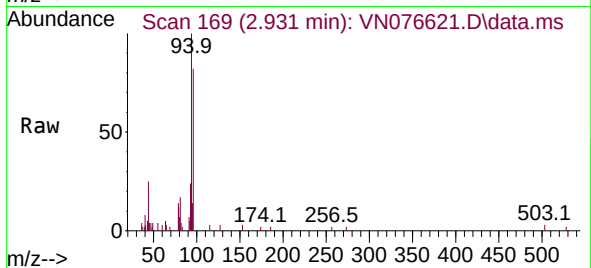
Tgt Ion: 62 Resp: 19865
Ion Ratio Lower Upper
62 100
64 38.2 26.0 39.0





#5
Bromomethane
Concen: 7.991 ug/l
RT: 2.931 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

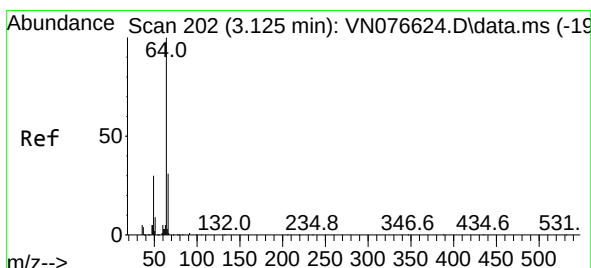
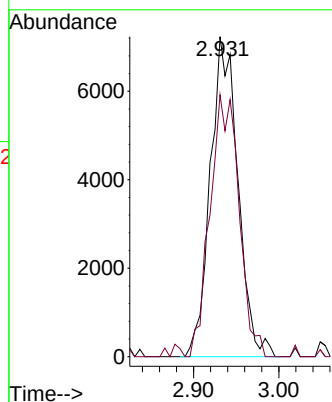
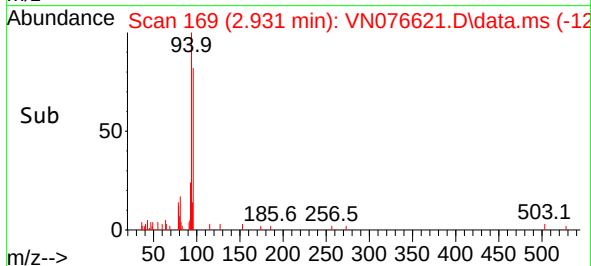
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



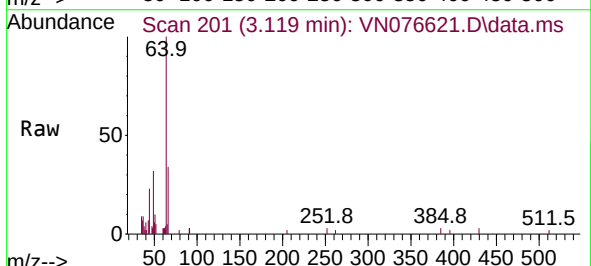
Tgt Ion: 94 Resp: 1626
Ion Ratio Lower Upper
94 100
96 81.9 72.7 109.1

Manual Integrations
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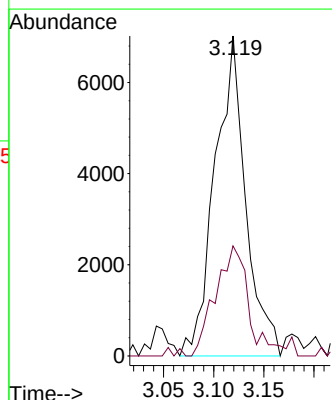
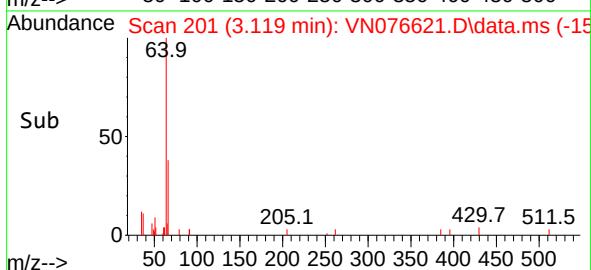
Reviewed By :John Carlone 02/14/2023
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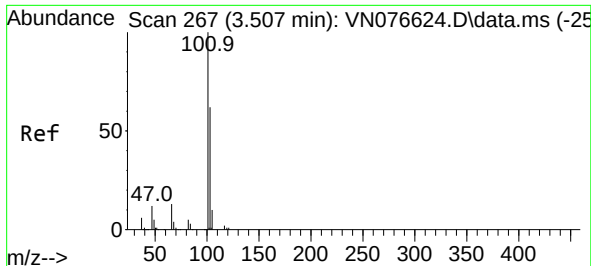


#6
Chloroethane
Concen: 9.035 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion: 64 Resp: 14990
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





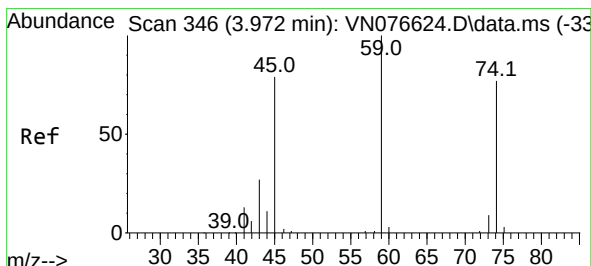
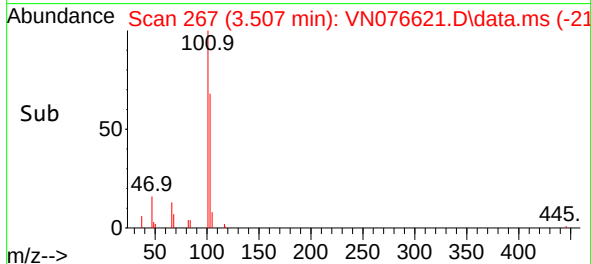
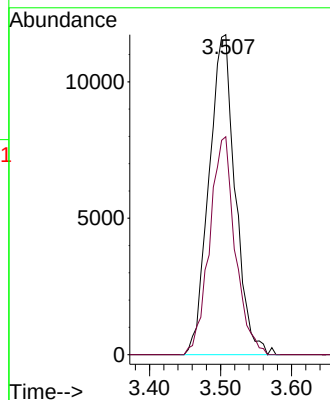
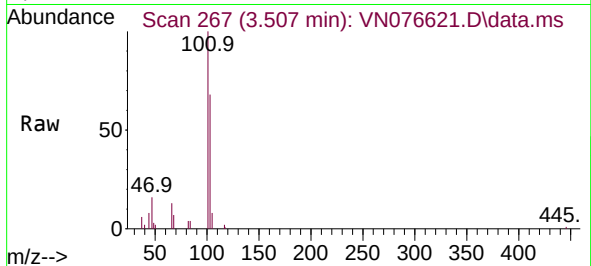
#7
 Trichlorofluoromethane
 Concen: 5.567 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.005 min
 Lab File: VN076621.D
 Acq: 13 Feb 2023 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 3009
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.3 76.9

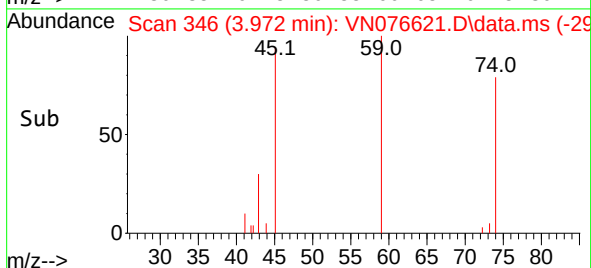
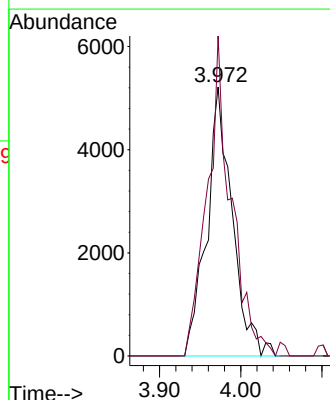
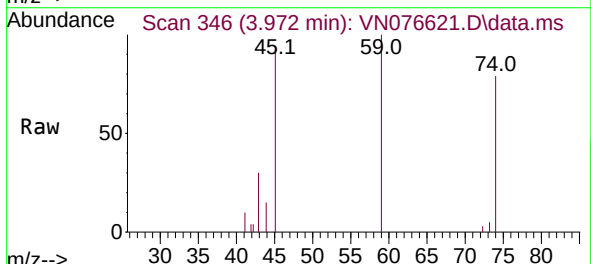
Manual Integrations
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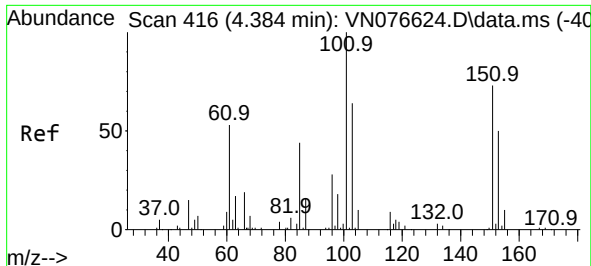
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#8
 Diethyl Ether
 Concen: 5.570 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.005 min
 Lab File: VN076621.D
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Tgt Ion: 74 Resp: 11403
 Ion Ratio Lower Upper
 74 100
 45 111.9 39.8 119.4





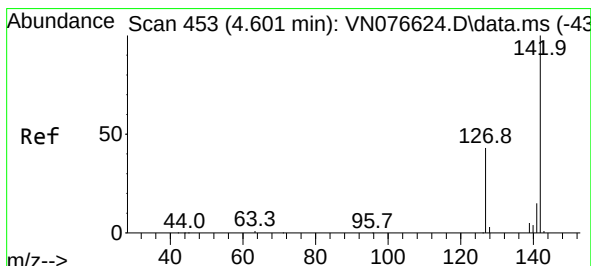
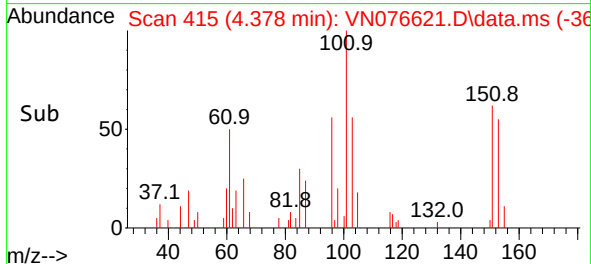
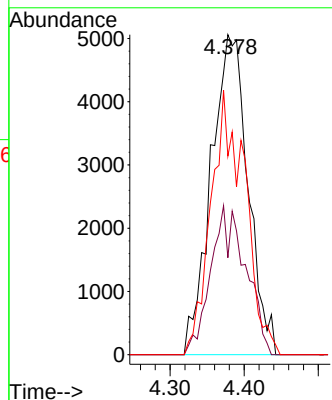
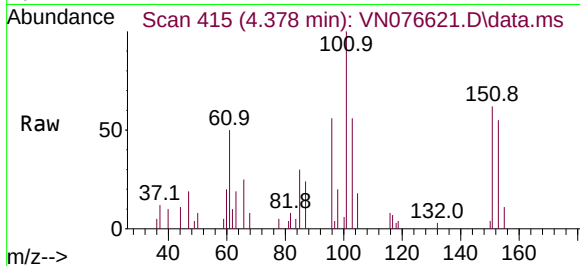
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.222 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.011 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1749
Ion Ratio Lower Upper
101 100
85 22.4 33.9 50.9
151 76.1 62.5 93.7

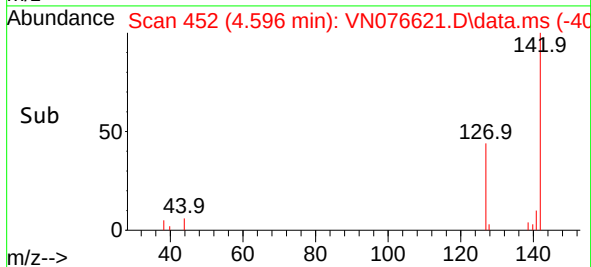
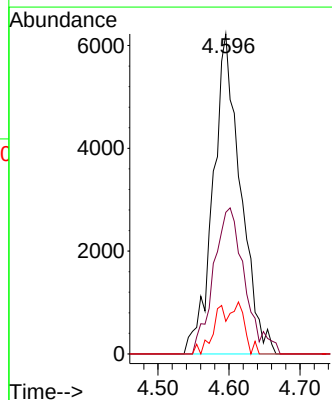
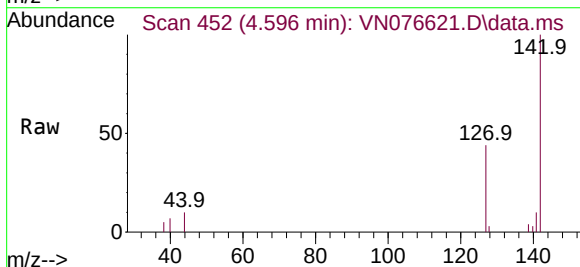
Manual Integrations
APPROVED

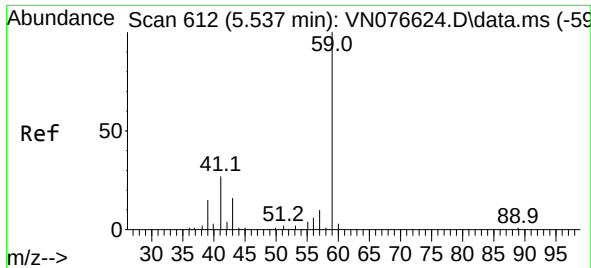
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 3.417 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

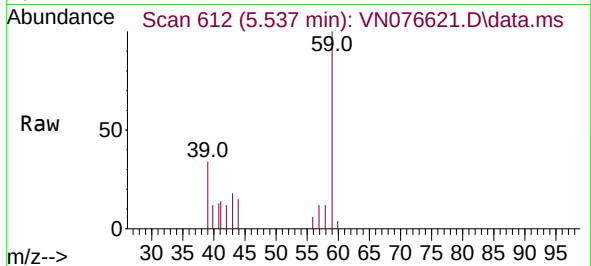
Tgt Ion:142 Resp: 16738
Ion Ratio Lower Upper
142 100
127 44.3 34.8 52.2
141 10.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 30.552 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

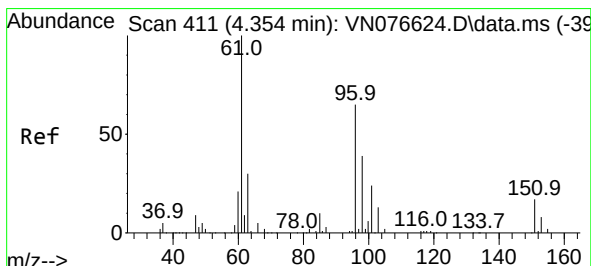
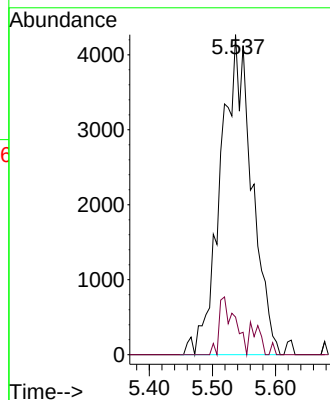
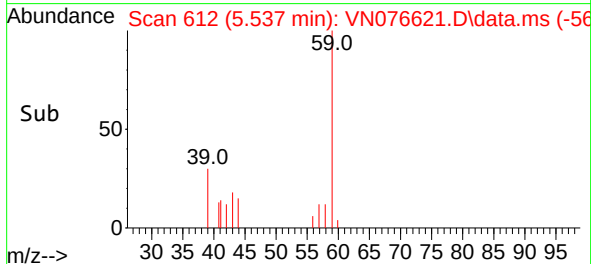
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



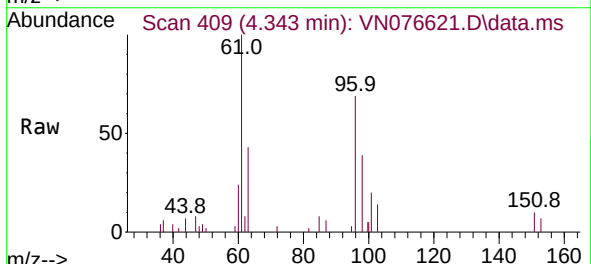
Tgt Ion: 59 Resp: 14690
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

Manual Integrations
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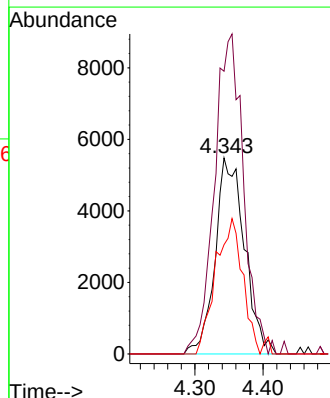
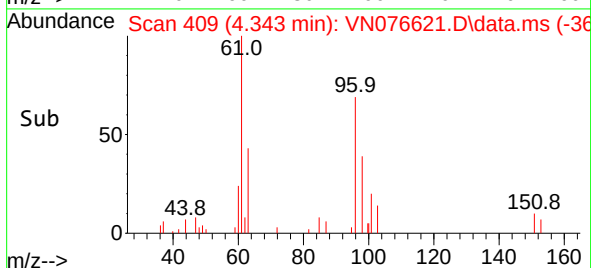
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

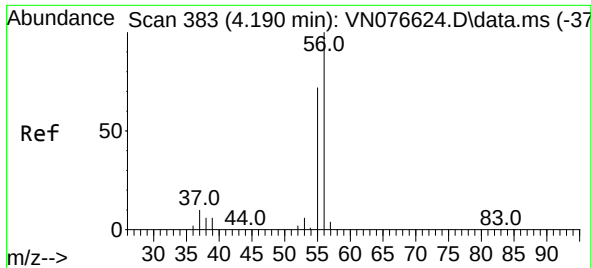


#12
1,1-Dichloroethene
Concen: 5.232 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.010 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



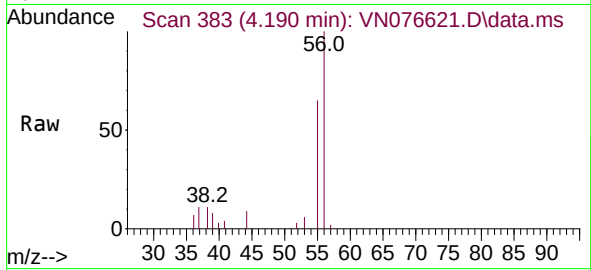
Tgt Ion: 96 Resp: 16371
Ion Ratio Lower Upper
96 100
61 144.2 118.3 177.5
98 55.7 50.7 76.1





#13
Acrolein
Concen: 38.246 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

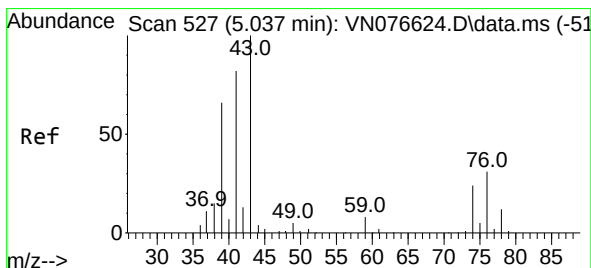
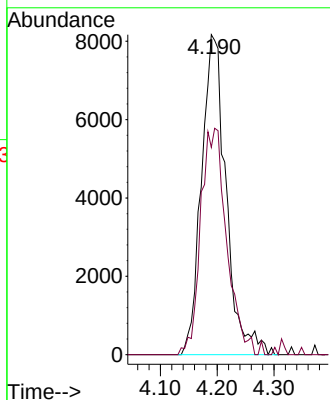
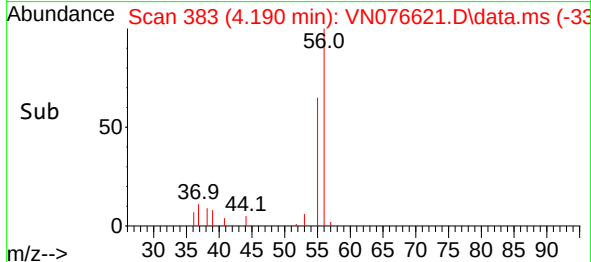
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



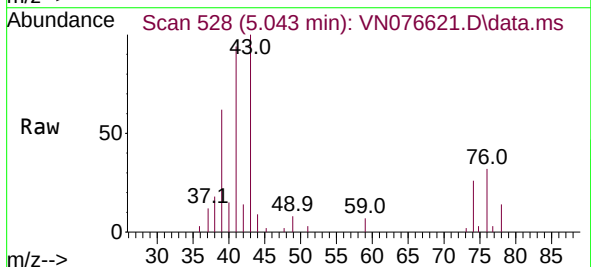
Tgt Ion: 56 Resp: 2457
Ion Ratio Lower Upper
56 100
55 74.4 54.7 82.1

Manual Integrations
APPROVED

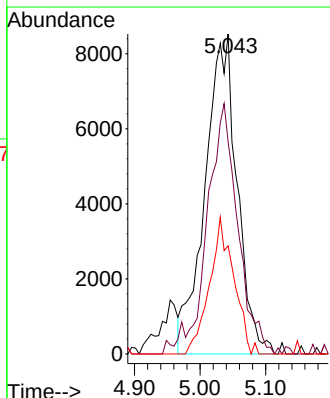
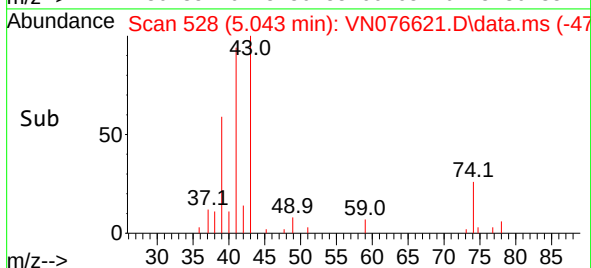
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

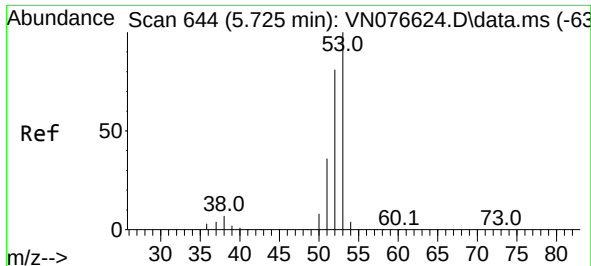


#14
Allyl chloride
Concen: 7.122 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion: 41 Resp: 29021
Ion Ratio Lower Upper
41 100
39 71.7 55.8 83.6
76 32.3 36.8 55.2#





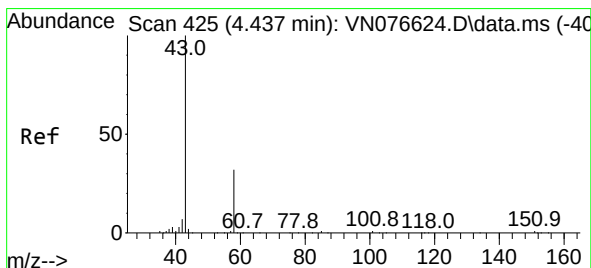
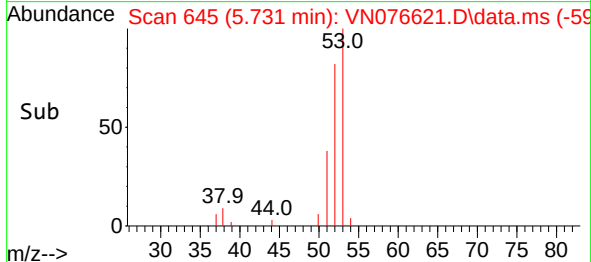
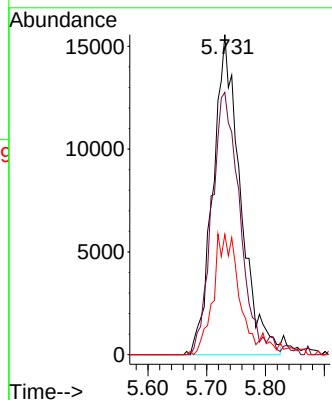
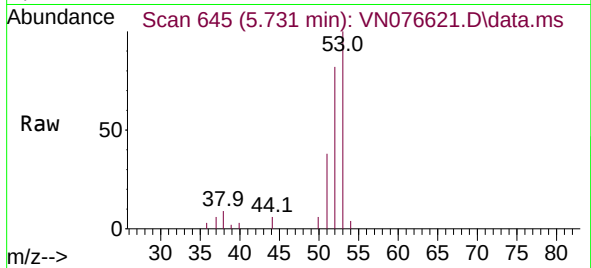
#15
Acrylonitrile
Concen: 34.972 ug/l
RT: 5.731 min Scan# 644
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 53 Resp: 5048
Ion Ratio Lower Upper
53 100
52 83.8 64.6 96.8
51 34.6 27.9 41.9

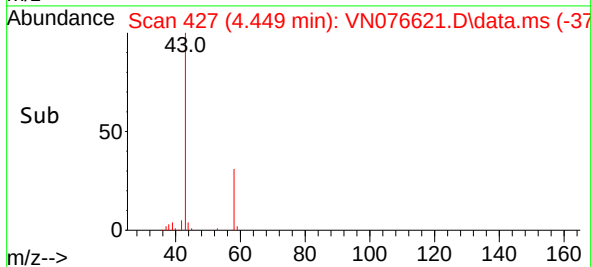
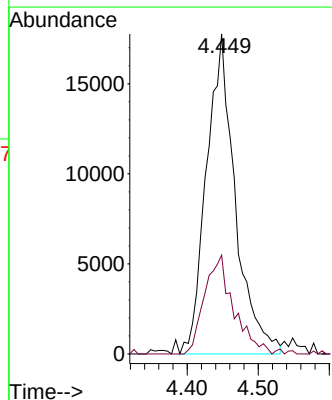
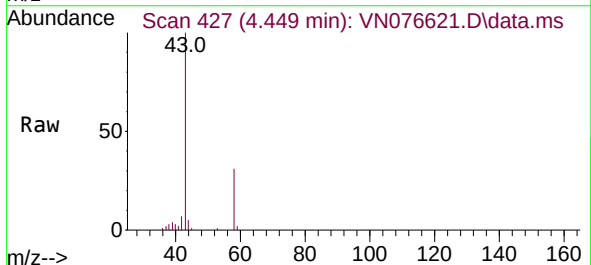
Manual Integrations
APPROVED

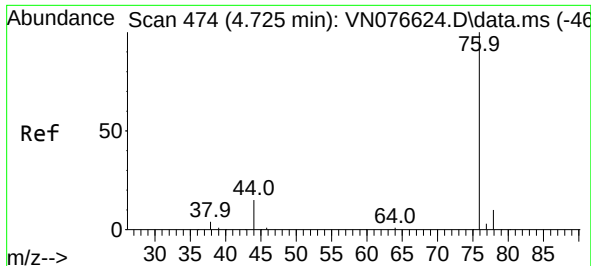
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 41.135 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.007 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

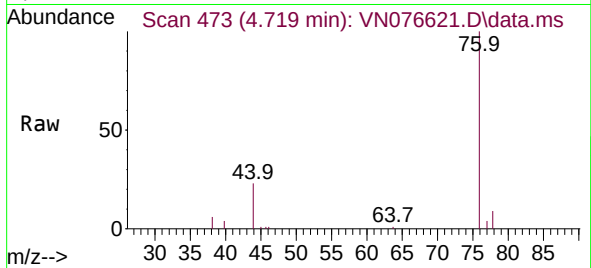
Tgt Ion: 43 Resp: 50083
Ion Ratio Lower Upper
43 100
58 30.9 28.4 42.6





#17
Carbon Disulfide
Concen: 4.912 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.011 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

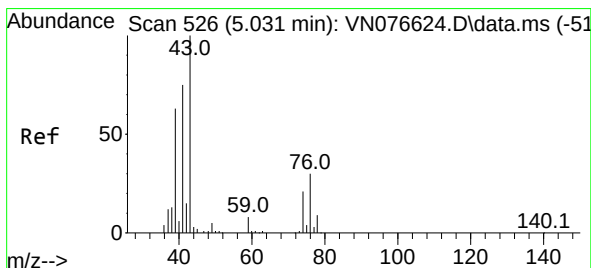
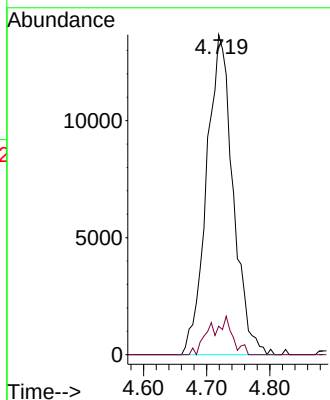
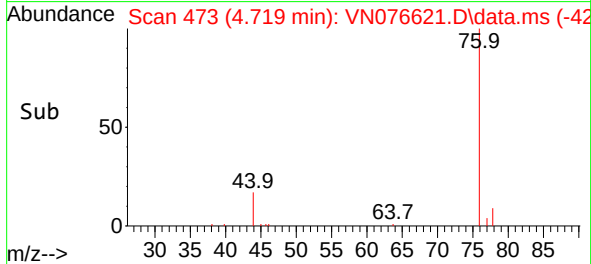
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 3981
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

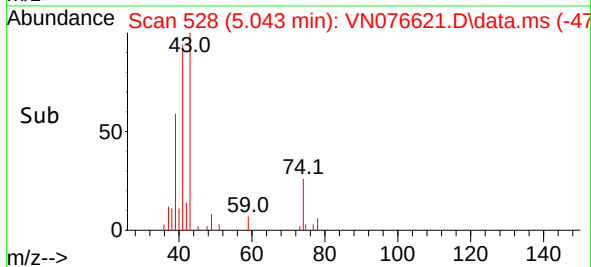
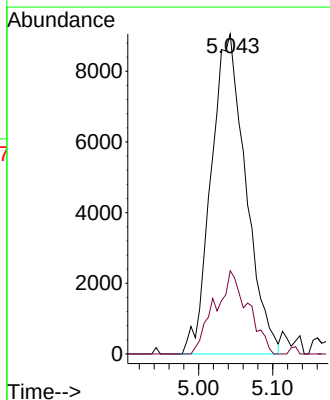
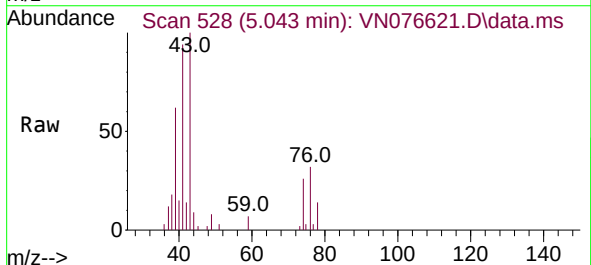
Manual Integrations
APPROVED

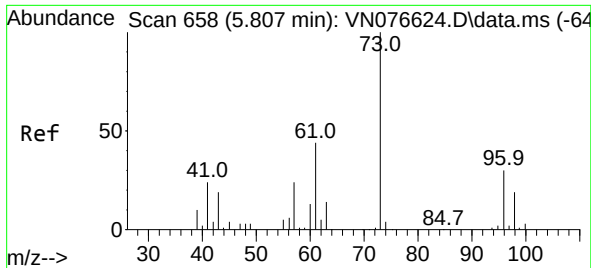
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#18
Methyl Acetate
Concen: 7.612 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 43 Resp: 29325
Ion Ratio Lower Upper
43 100
74 25.0 23.9 35.9





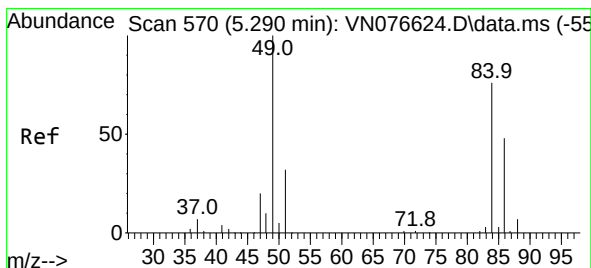
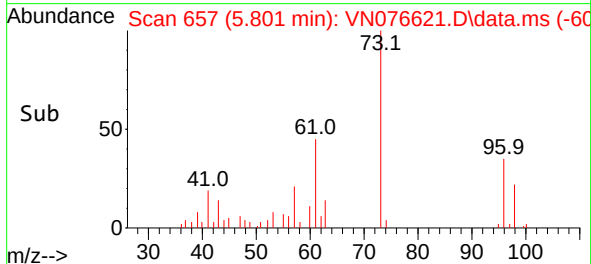
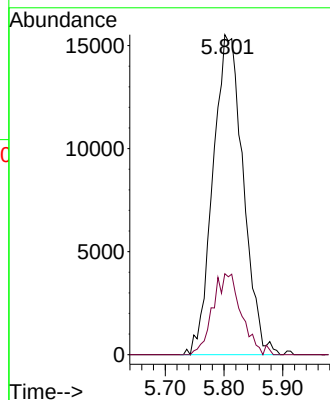
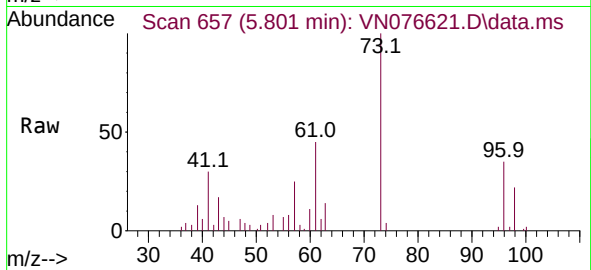
#19
Methyl tert-butyl Ether
Concen: 5.320 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 5536
Ion Ratio Lower Upper
73 100
57 25.3 17.0 25.6

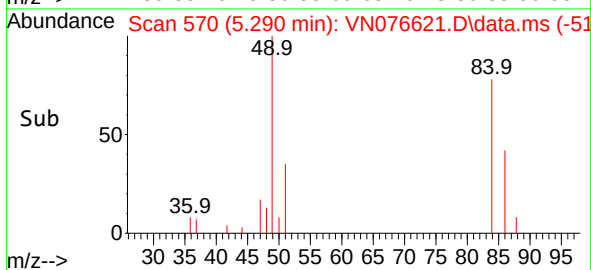
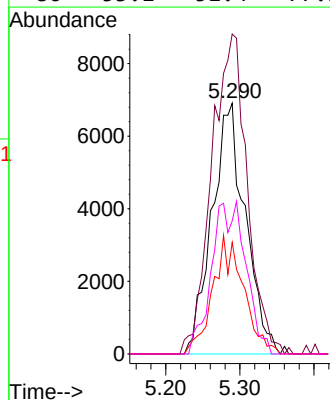
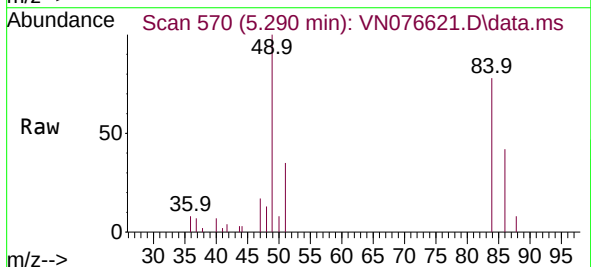
Manual Integrations
APPROVED

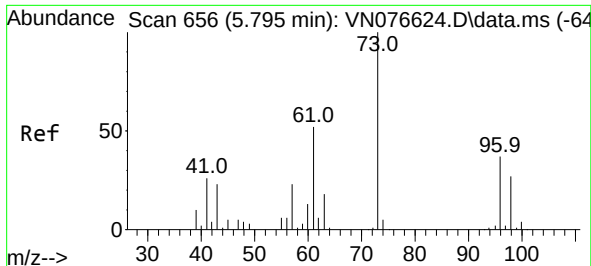
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 5.769 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 84 Resp: 21654
Ion Ratio Lower Upper
84 100
49 127.7 82.0 123.0#
51 44.5 26.0 39.0#
86 53.1 51.4 77.2





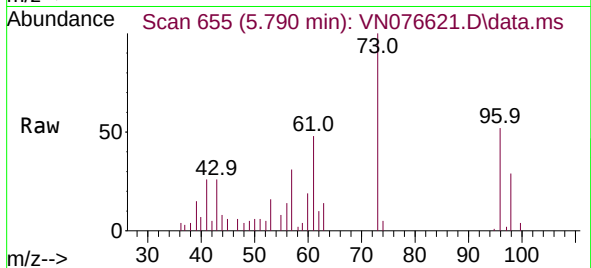
#21
trans-1,2-Dichloroethene
Concen: 5.469 ug/l
RT: 5.790 min Scan# 610
Delta R.T. -0.010 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



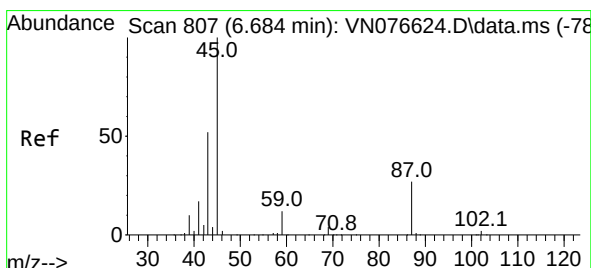
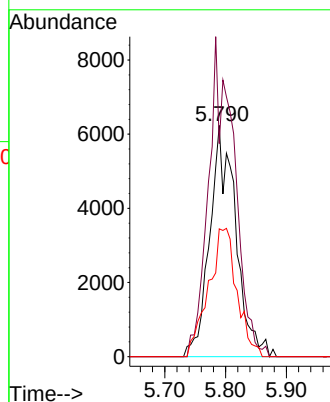
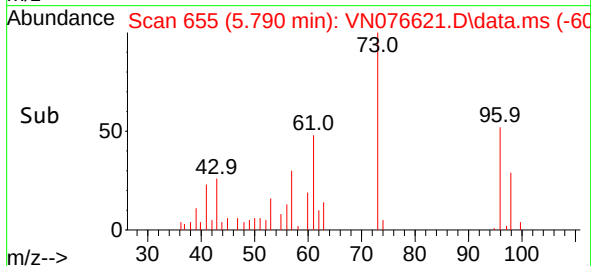
Tgt Ion: 96 Resp: 1859
Ion Ratio Lower Upper
96 100
61 92.2 98.9 148.3
98 55.3 49.4 74.2

Manual Integrations

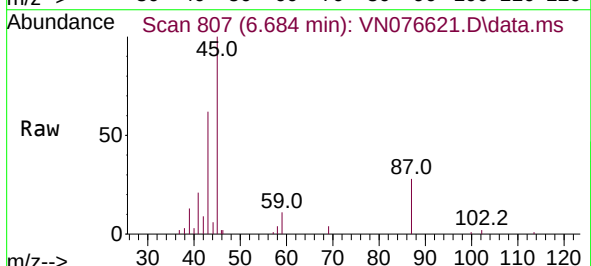
APPROVED

Reviewed By :John Carlone 02/14/2023

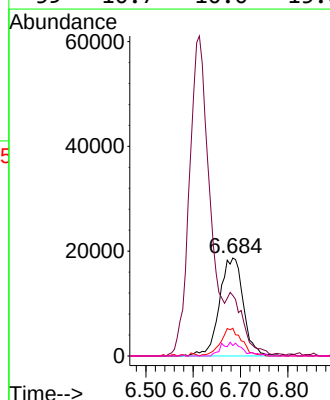
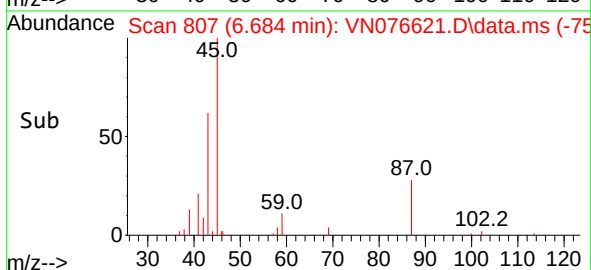
Supervised By :Mahesh Dadoda 02/14/2023

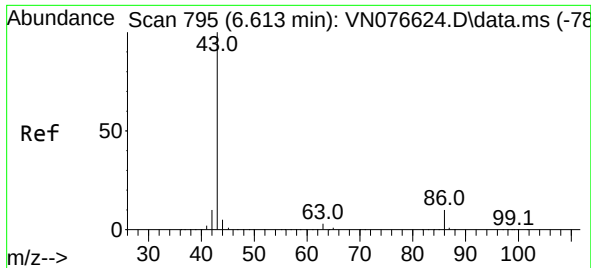


#22
Diisopropyl ether
Concen: 7.059 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion: 45 Resp: 65195
Ion Ratio Lower Upper
45 100
43 59.9 41.4 62.2
87 28.2 28.2 42.4
59 10.7 10.0 15.0





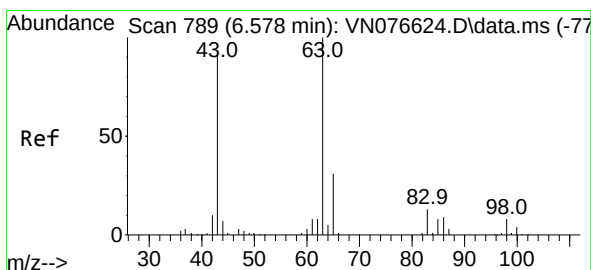
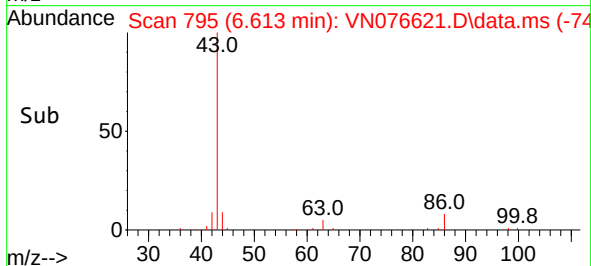
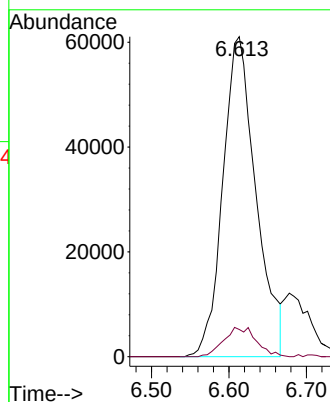
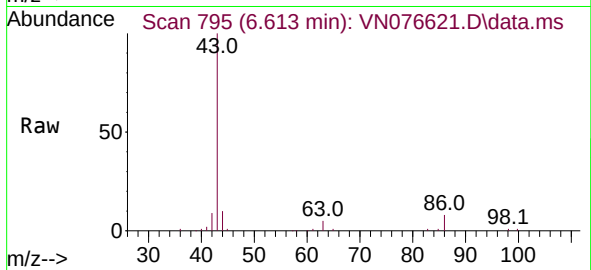
#23
 Vinyl Acetate
 Concen: 31.484 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: VN076621.D
 Acq: 13 Feb 2023 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 181940
 Ion Ratio Lower Upper
 43 100
 86 8.5 11.3 16.9

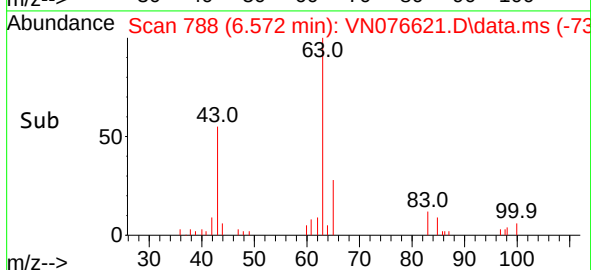
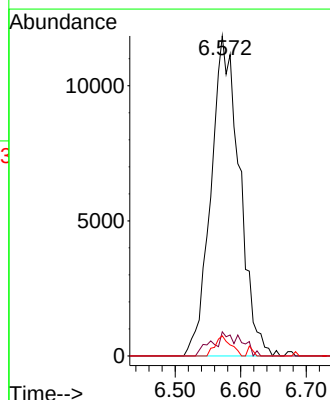
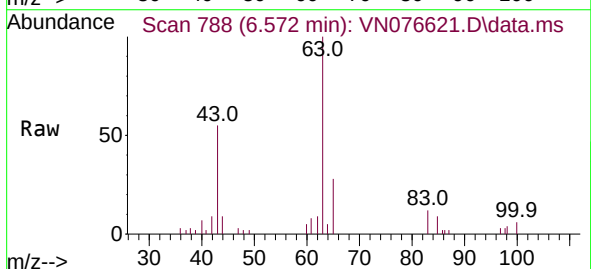
Manual Integrations
 APPROVED

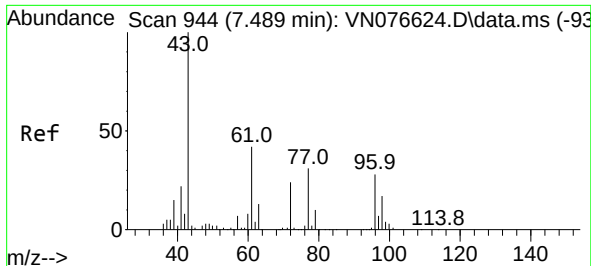
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 6.035 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.011 min
 Lab File: VN076621.D
 Acq: 13 Feb 2023 10:40

Tgt Ion: 63 Resp: 35790
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 6.3 2.5 7.4





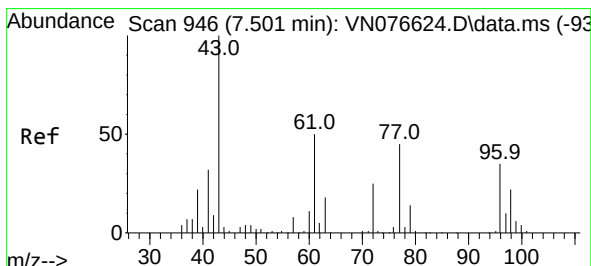
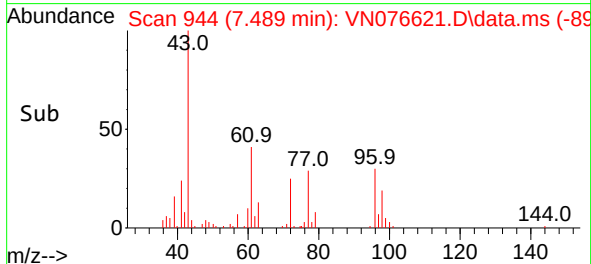
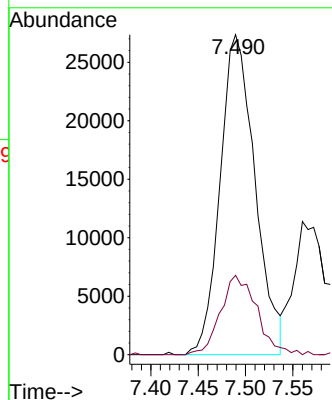
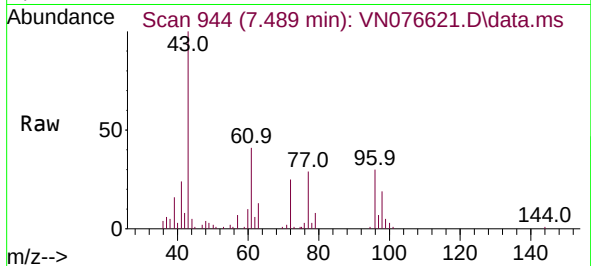
#25
2-Butanone
Concen: 40.087 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 70150
Ion Ratio Lower Upper
43 100
72 24.8 25.1 37.7

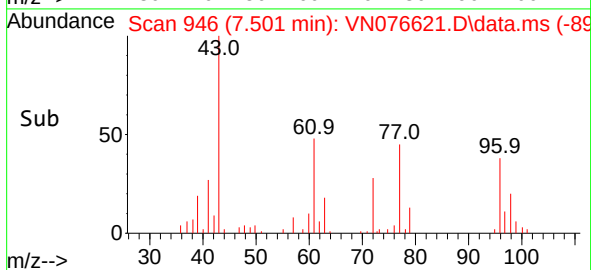
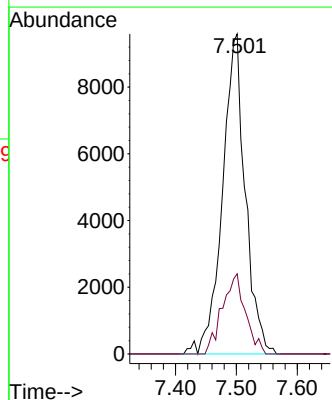
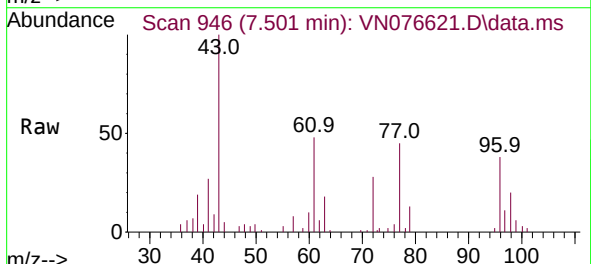
Manual Integrations
APPROVED

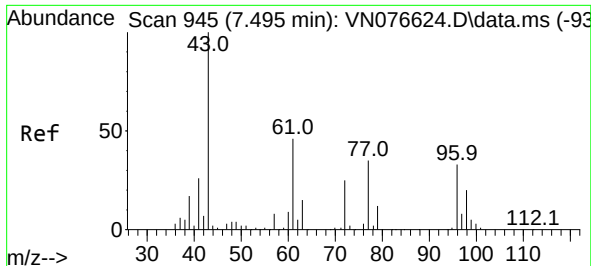
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 5.033 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 77 Resp: 24918
Ion Ratio Lower Upper
77 100
97 25.5 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 5.136 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

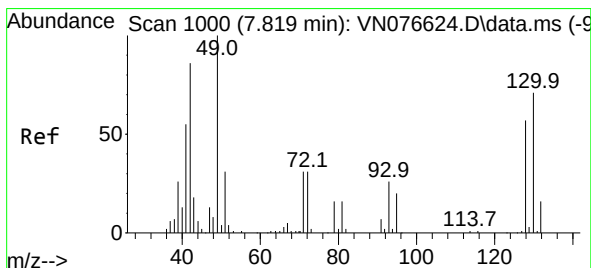
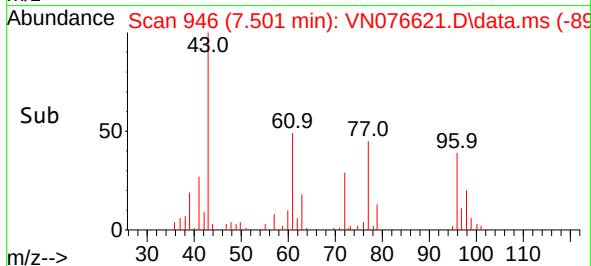
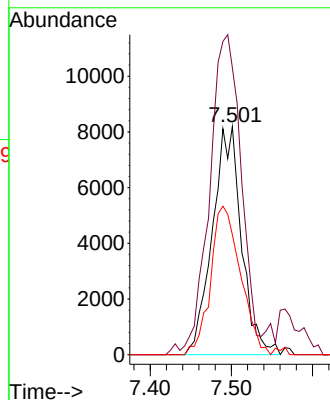
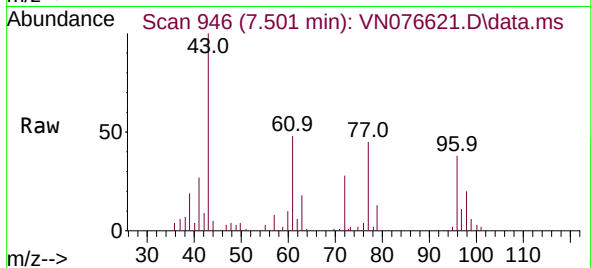
ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 2042
Ion Ratio Lower Upper
96 100
61 153.0 0.0 262.2
98 66.8 0.0 128.6

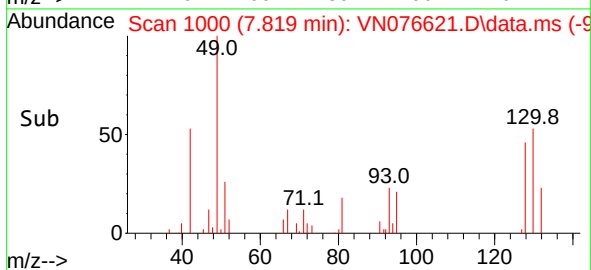
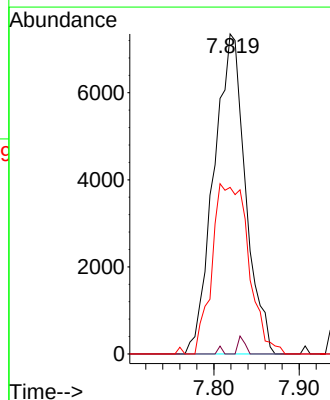
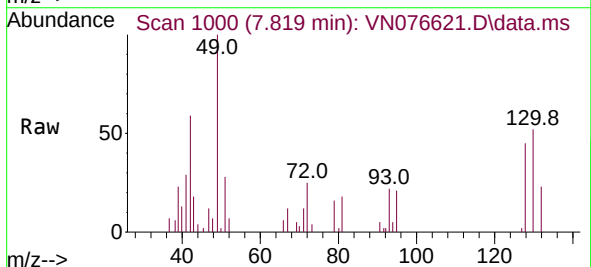
Manual Integrations
APPROVED

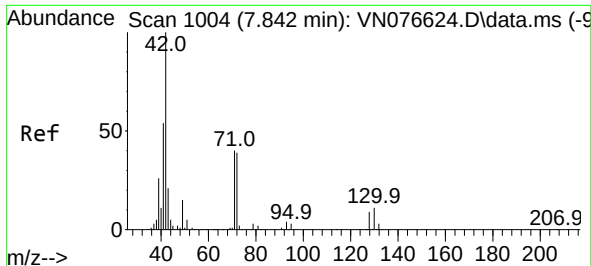
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#28
Bromochloromethane
Concen: 7.996 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 49 Resp: 19002
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 0.0 74.3 111.5#





#29

Tetrahydrofuran

Concen: 40.493 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 45540

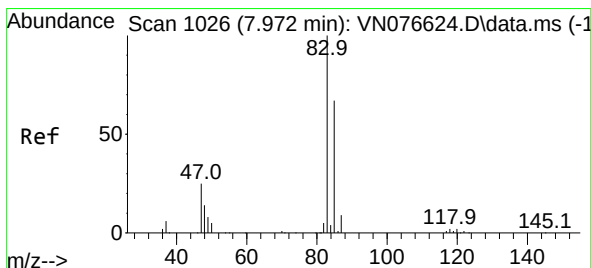
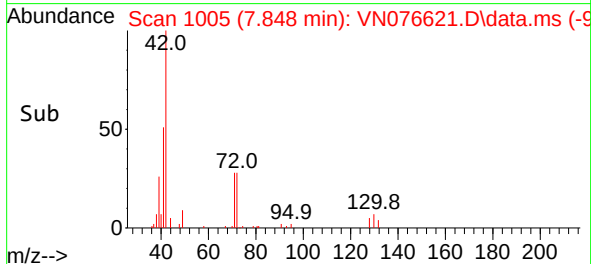
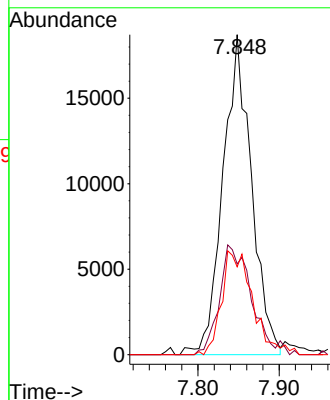
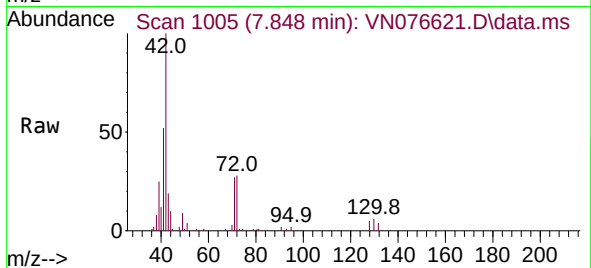
Ion	Ratio	Lower	Upper
42	100		
72	38.8	42.9	64.3
71	35.4	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 5.811 ug/l

RT: 7.966 min Scan# 1025

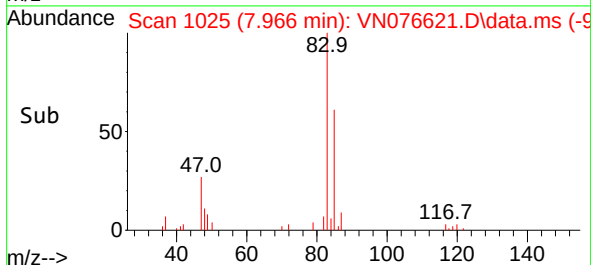
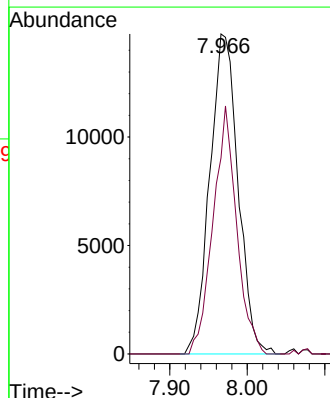
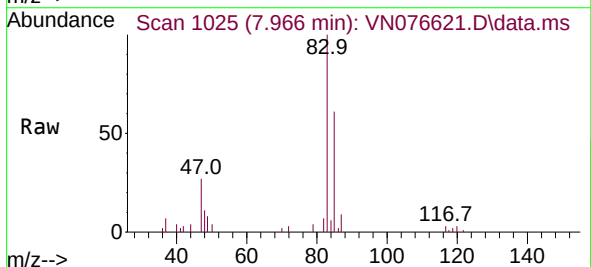
Delta R.T. -0.005 min

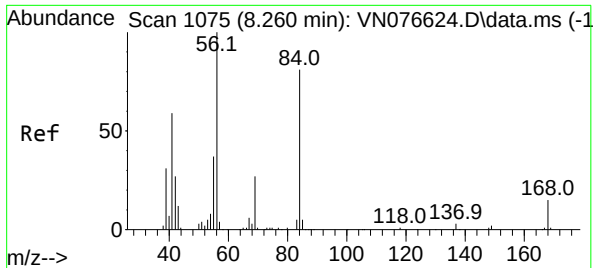
Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Tgt Ion: 83 Resp: 37388

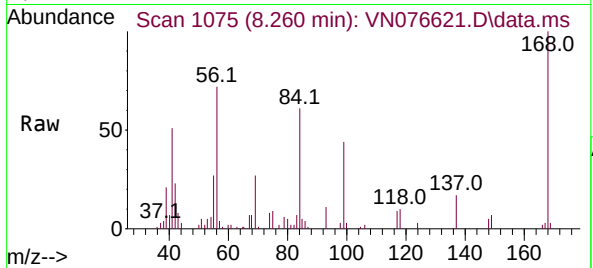
Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.5	78.7





#31
Cyclohexane
Concen: 6.722 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

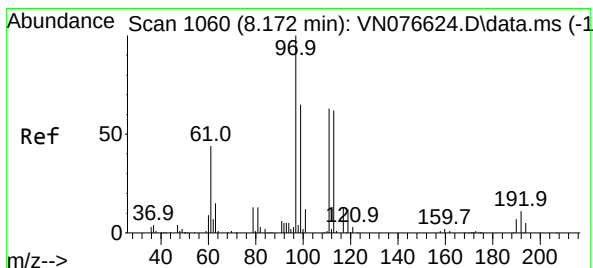
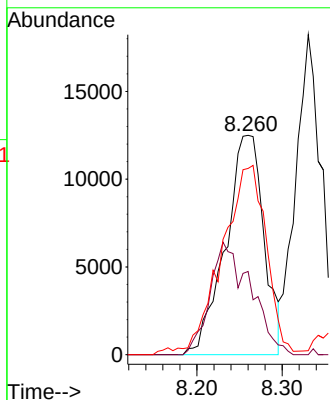
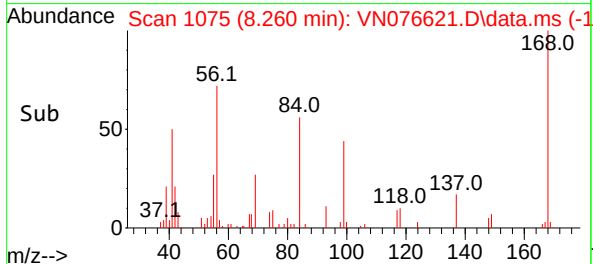
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



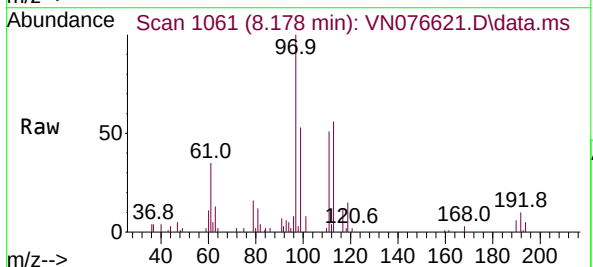
Tgt Ion: 56 Resp: 39230
Ion Ratio Lower Upper
56 100
69 38.0 27.0 40.4
84 81.8 79.5 119.3

Manual Integrations
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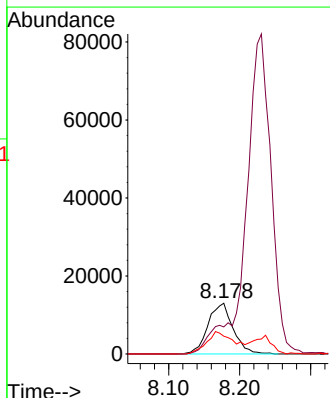
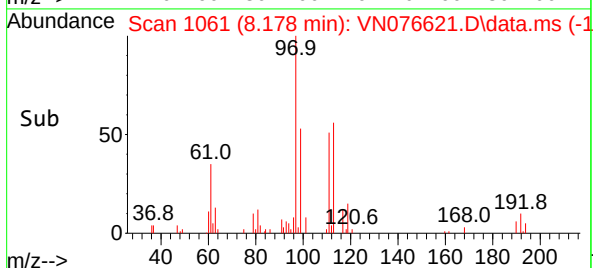
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

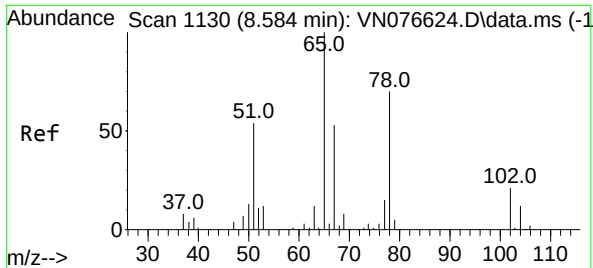


#32
1,1,1-Trichloroethane
Concen: 5.519 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion: 97 Resp: 31817
Ion Ratio Lower Upper
97 100
99 0.0 53.5 80.3#
61 47.8 33.6 50.4





#33
1,2-Dichloroethane-d4
Concen: 6.292 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

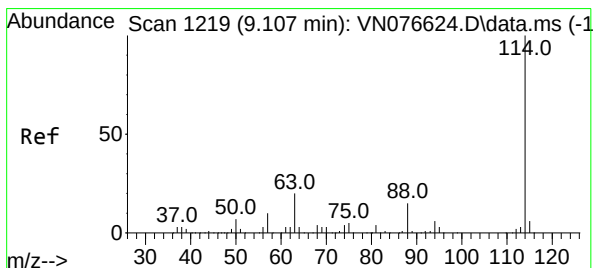
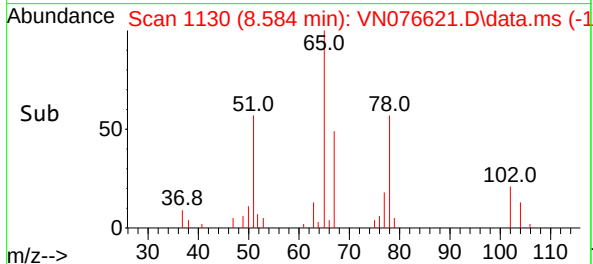
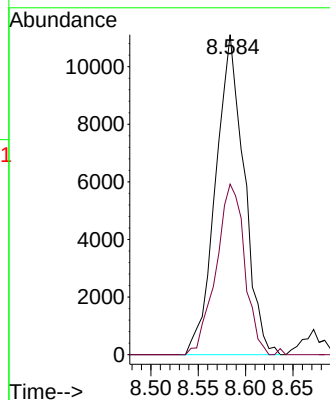
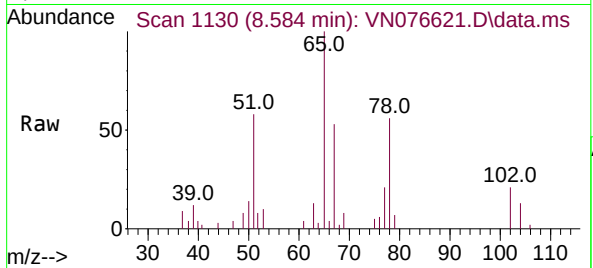
VSTDIC005

Tgt Ion: 65 Resp: 2323
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

Manual Integrations

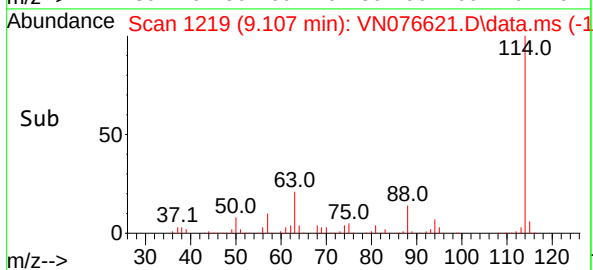
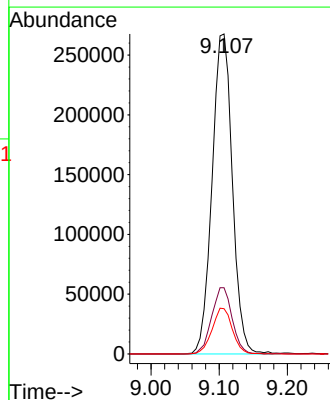
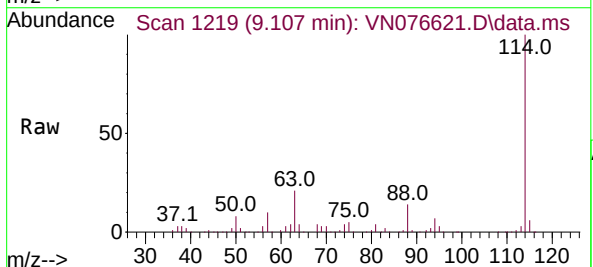
APPROVED

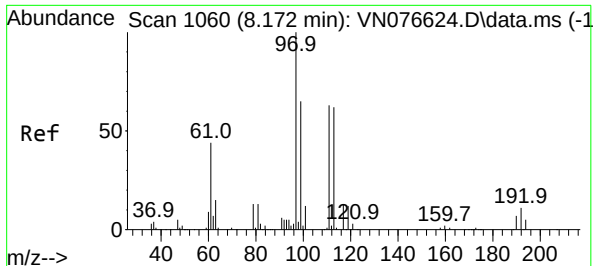
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

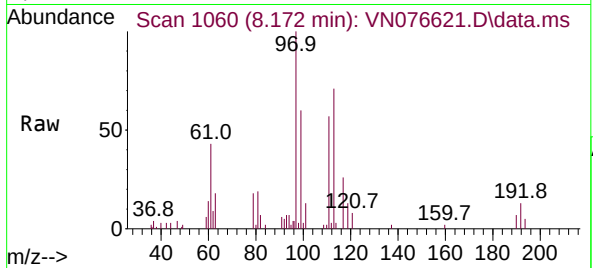
Tgt Ion:114 Resp: 554827
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.6
88 14.2 0.0 32.0





#35
Dibromofluoromethane
Concen: 5.896 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

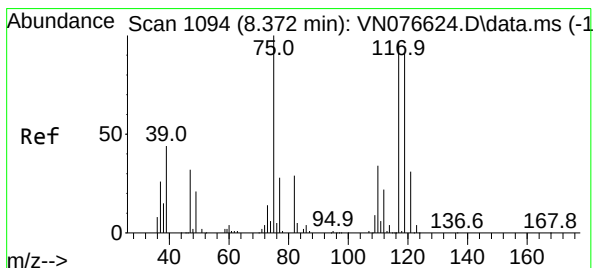
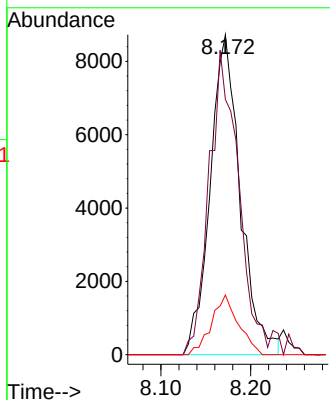
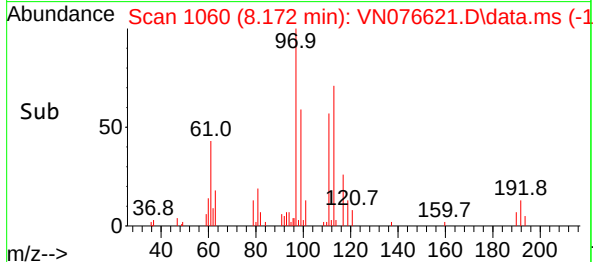
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



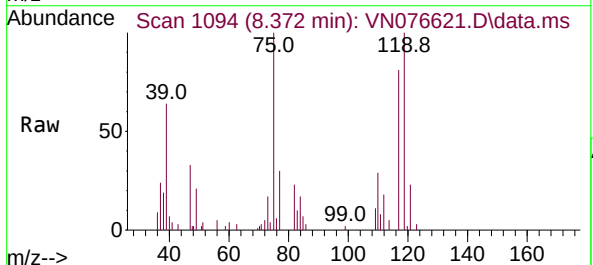
Tgt Ion: 113 Resp: 2033
Ion Ratio Lower Upper
113 100
111 92.7 82.0 123.0
192 16.7 14.8 22.2

Manual Integrations
APPROVED

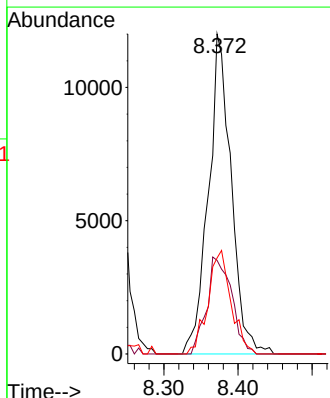
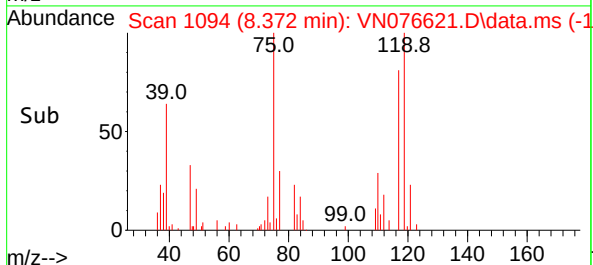
Reviewed By : John Carlone 02/14/2023
Supervised By : Mahesh Dadoda 02/14/2023

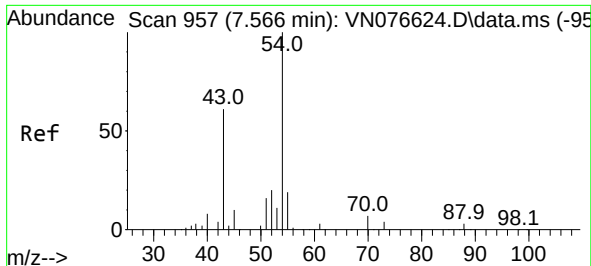


#36
1,1-Dichloropropene
Concen: 5.217 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion: 75 Resp: 25689
Ion Ratio Lower Upper
75 100
110 33.1 18.6 55.6
77 32.9 25.1 37.7





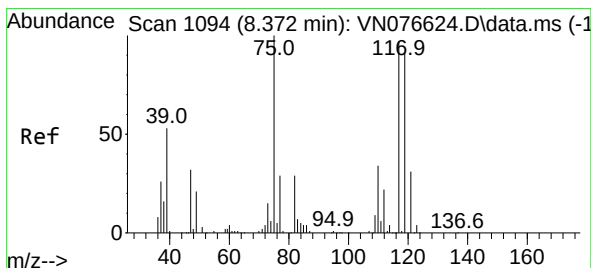
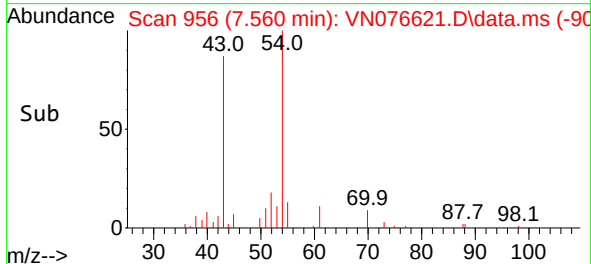
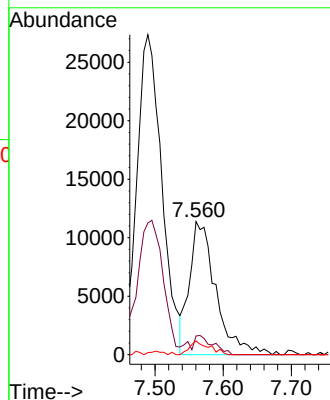
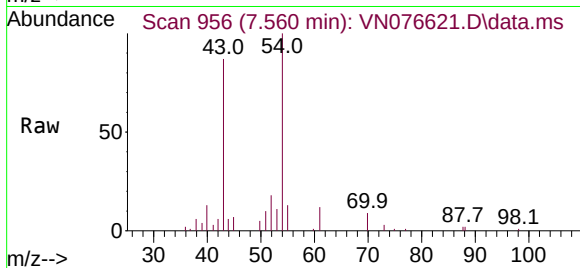
#37
Ethyl Acetate
Concen: 8.328 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.011 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 30725
Ion Ratio Lower Upper
43 100
61 12.6 11.8 17.6
70 7.6 10.4 15.6

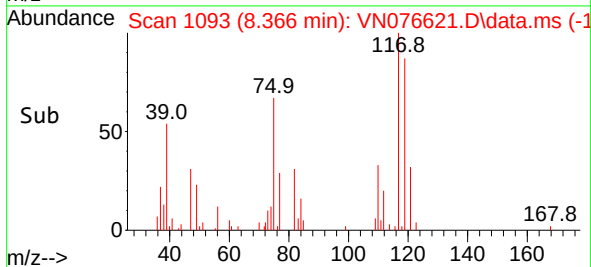
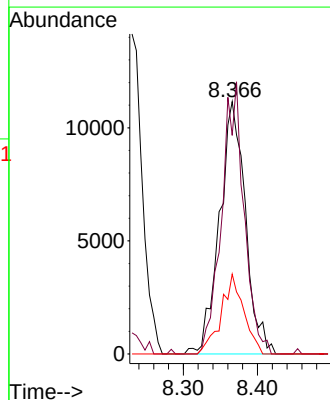
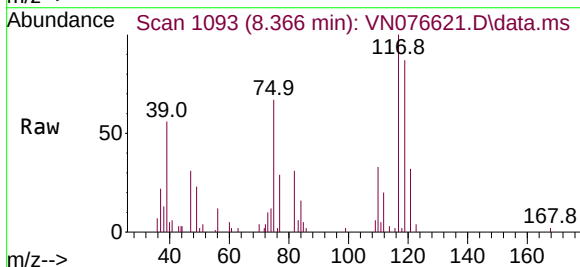
Manual Integrations
APPROVED

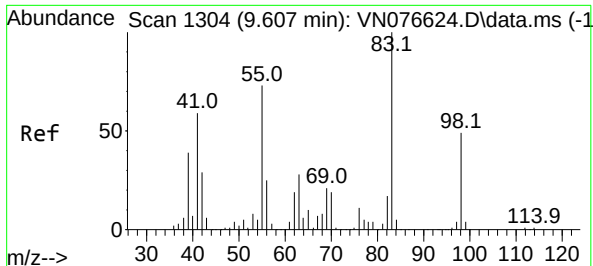
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion:117 Resp: 27091
Ion Ratio Lower Upper
117 100
119 86.6 77.2 115.8
121 31.7 23.9 35.9





#39

Methylcyclohexane

Concen: 4.768 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.005 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

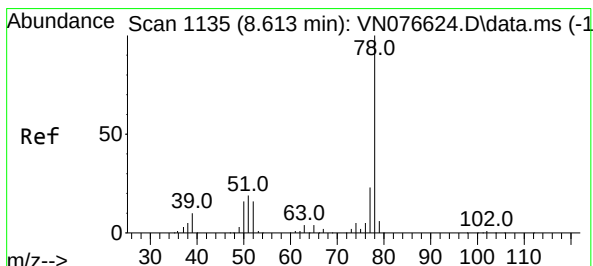
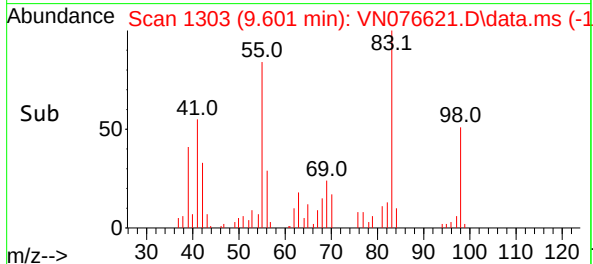
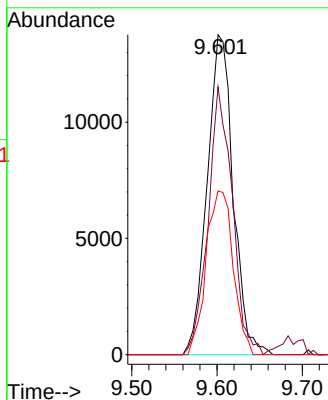
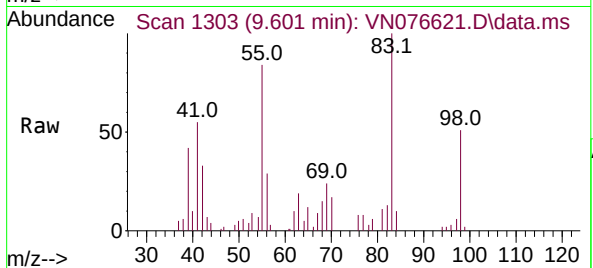
Tgt Ion: 83	Resp: 29160
Ion Ratio	Lower Upper
83	100
55	83.6 53.8 80.6
98	51.2 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 5.450 ug/l

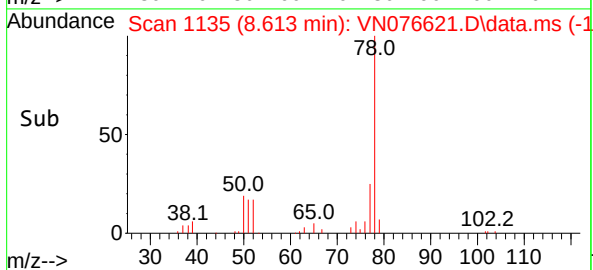
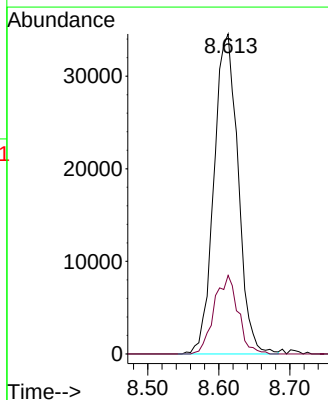
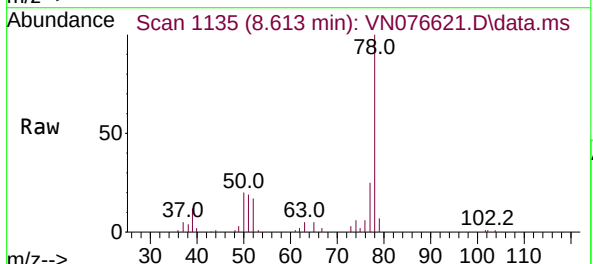
RT: 8.613 min Scan# 1135

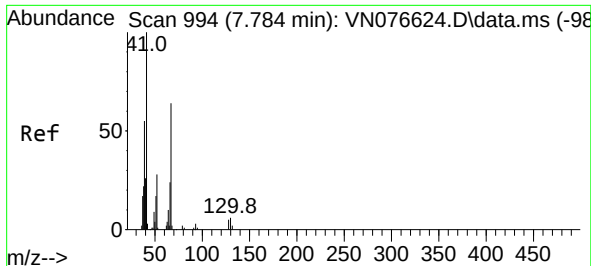
Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

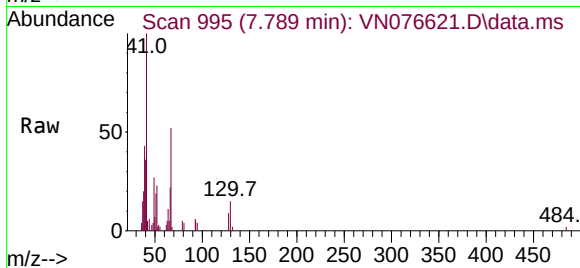
Tgt Ion: 78	Resp: 81359
Ion Ratio	Lower Upper
78	100
77	24.6 18.6 27.8





#41
Methacrylonitrile
Concen: 7.981 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

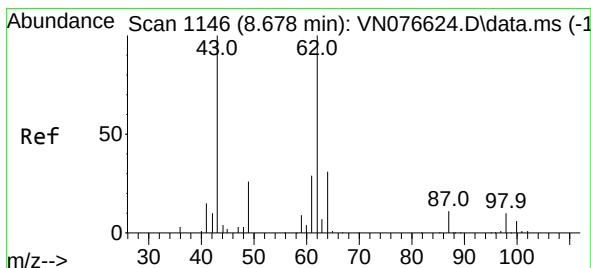
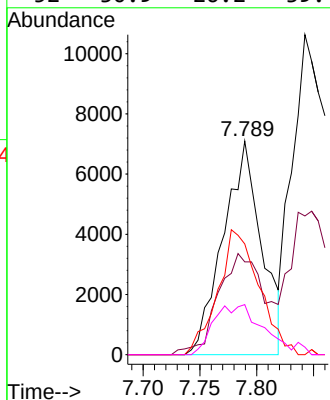
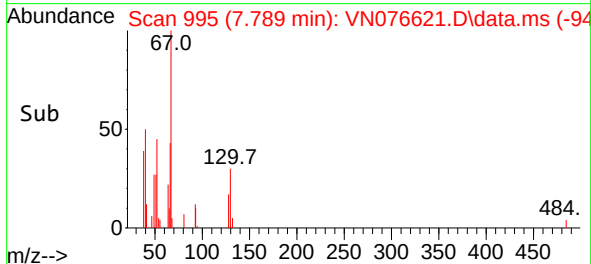
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1667
Ion Ratio Lower Upper
41 100
39 58.0 41.3 61.9
67 62.5 69.6 104.4
52 30.9 26.2 39.4

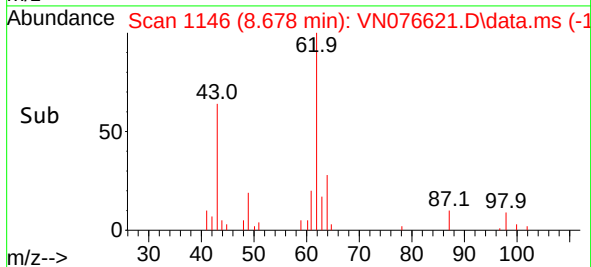
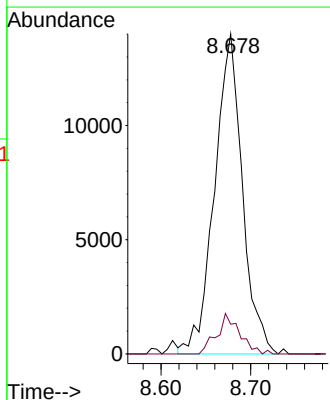
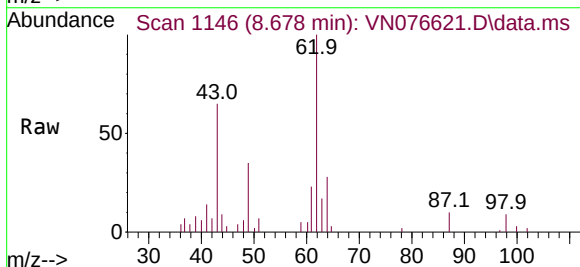
Manual Integrations
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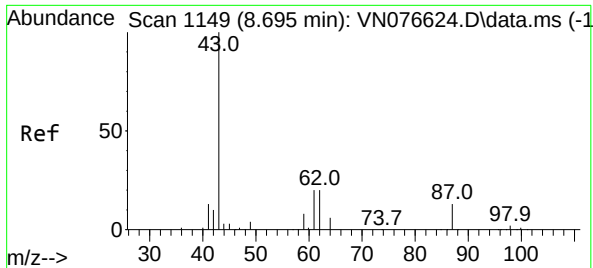
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42
1,2-Dichloroethane
Concen: 6.198 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 62 Resp: 30124
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.6





#43
Isopropyl Acetate
Concen: 7.087 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

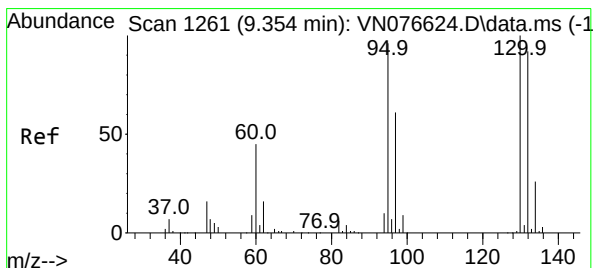
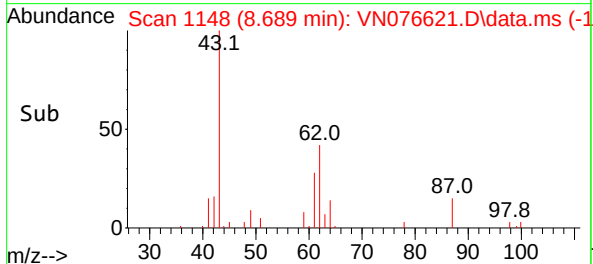
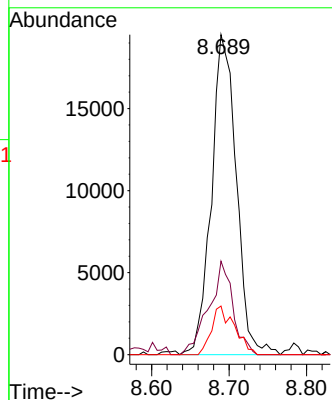
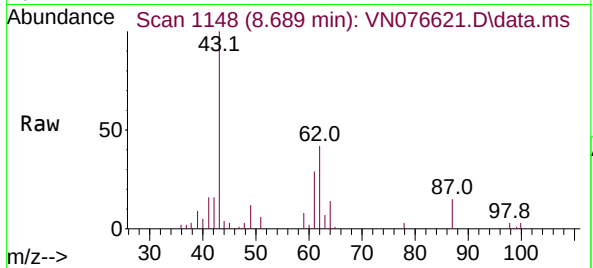
VSTDIC005

Tgt Ion: 43 Resp: 43509
Ion Ratio Lower Upper
43 100
61 28.4 24.5 36.7
87 14.0 13.6 20.4

Manual Integrations

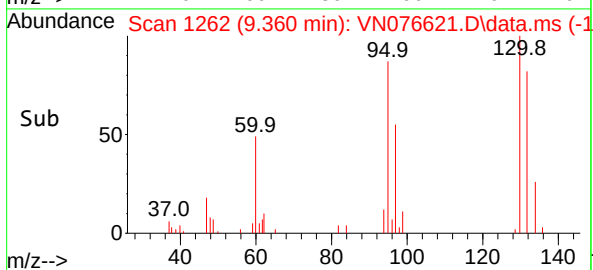
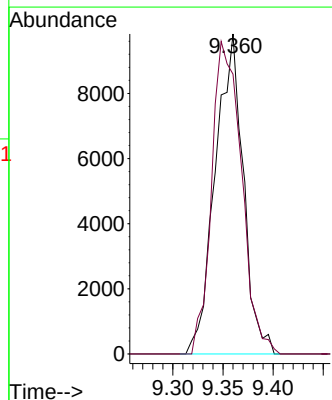
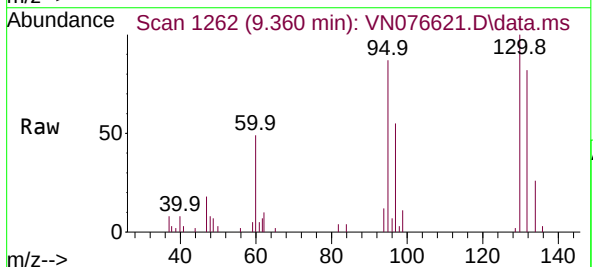
APPROVED

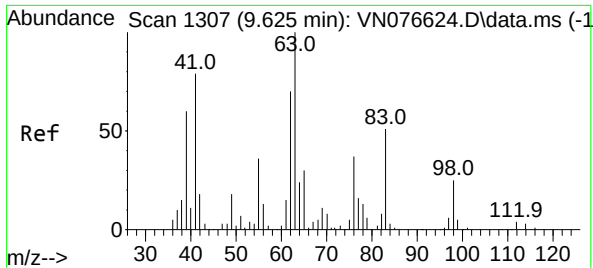
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#44
Trichloroethene
Concen: 4.793 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion:130 Resp: 19106
Ion Ratio Lower Upper
130 100
95 87.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 6.025 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.005 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2160

Ion Ratio Lower Upper

63 100

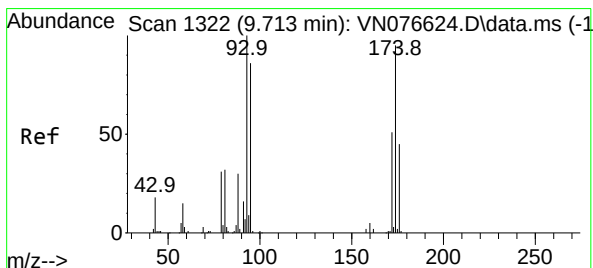
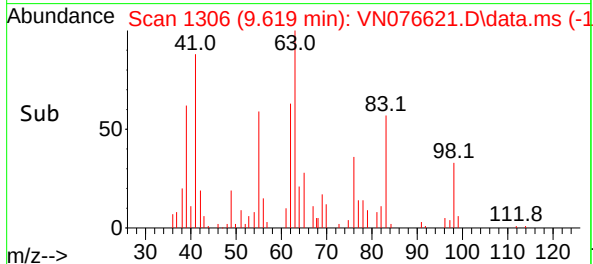
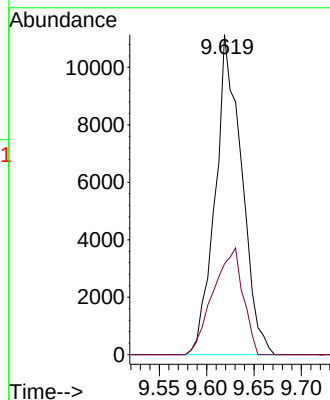
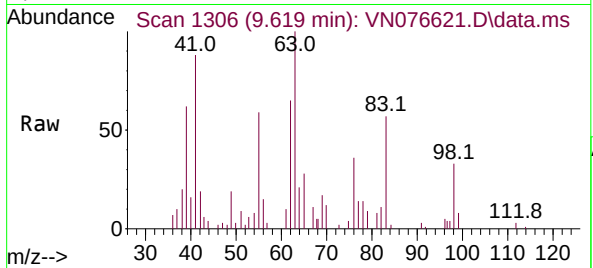
65 28.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 5.408 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.005 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

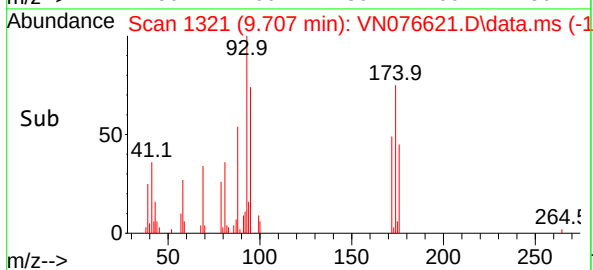
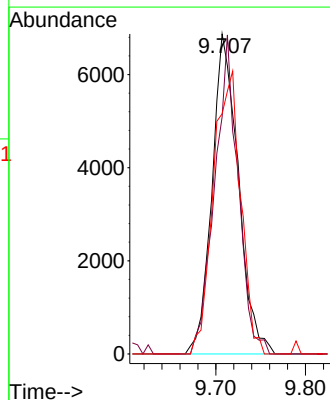
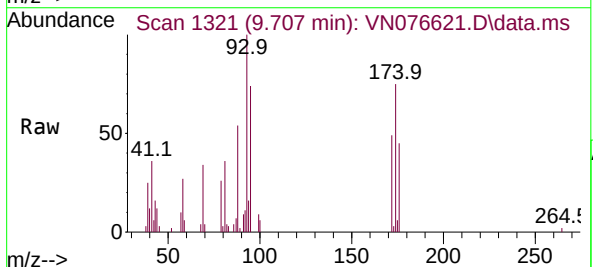
Tgt Ion: 93 Resp: 13986

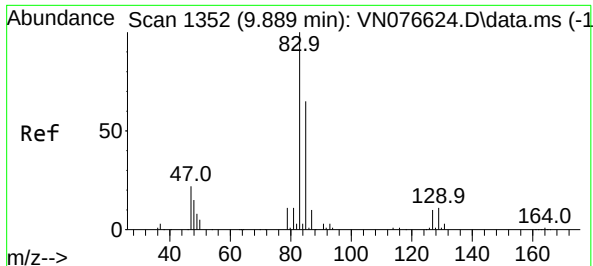
Ion Ratio Lower Upper

93 100

95 88.3 68.0 102.0

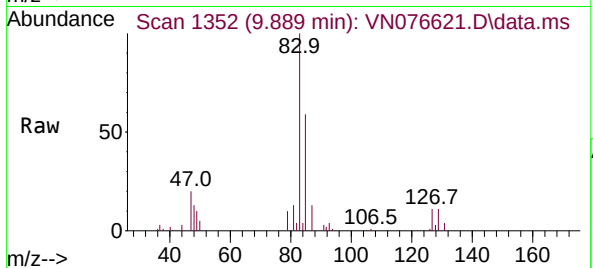
174 91.6 80.9 121.3





#47
Bromodichloromethane
Concen: 5.437 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

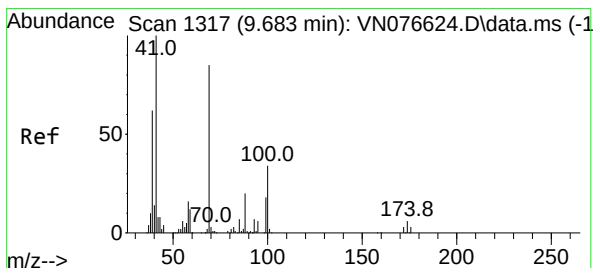
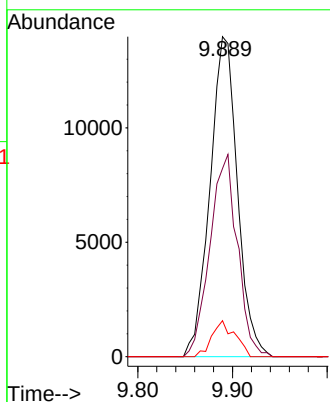
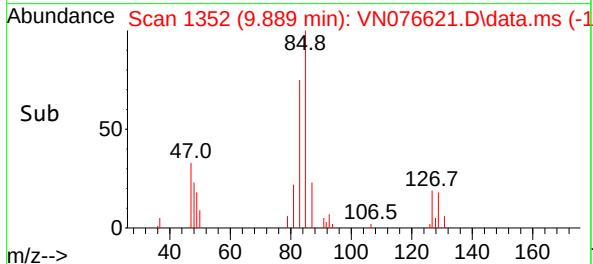
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 2827
Ion Ratio Lower Upper
83 100
85 58.8 50.7 76.1
127 11.2 7.0 10.6

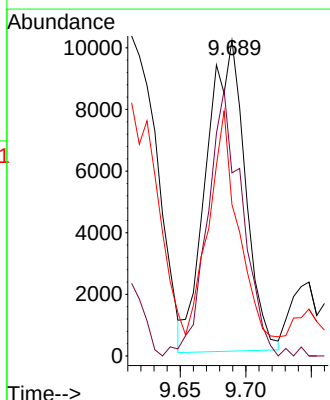
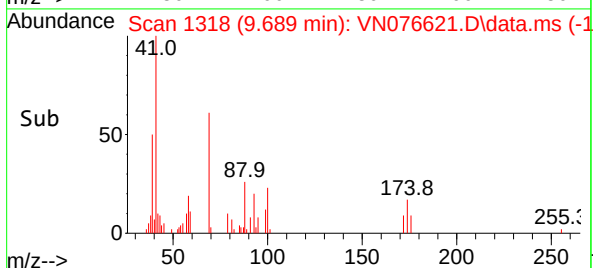
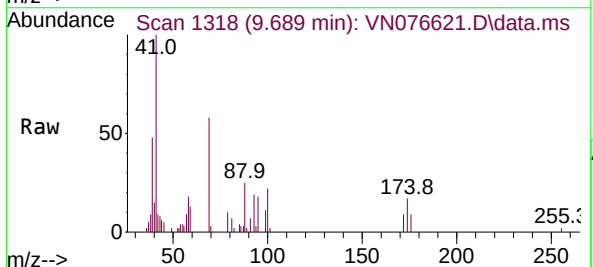
Manual Integrations
APPROVED

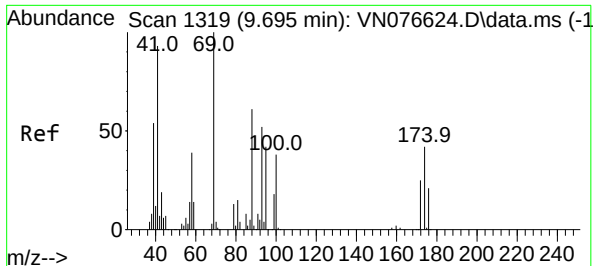
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 6.846 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 41 Resp: 20670
Ion Ratio Lower Upper
41 100
69 76.9 83.0 124.4#
39 66.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 108.848 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.005 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 7030

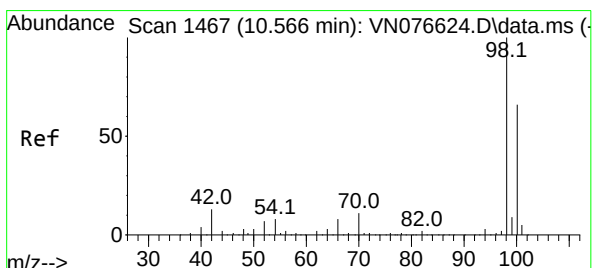
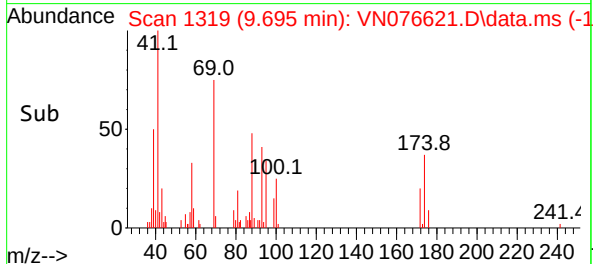
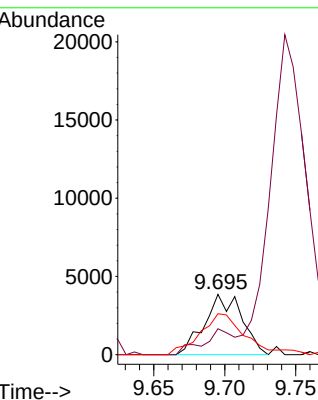
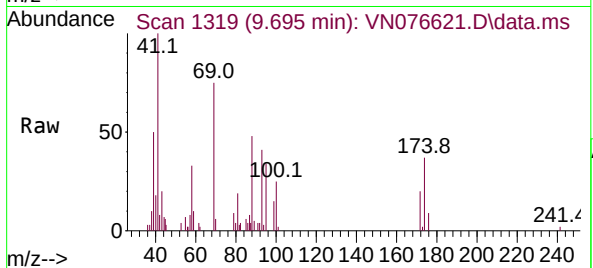
Ion	Ratio	Lower	Upper
88	100		
43	34.3	16.7	25.1
58	83.3	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 5.318 ug/l

RT: 10.572 min Scan# 1468

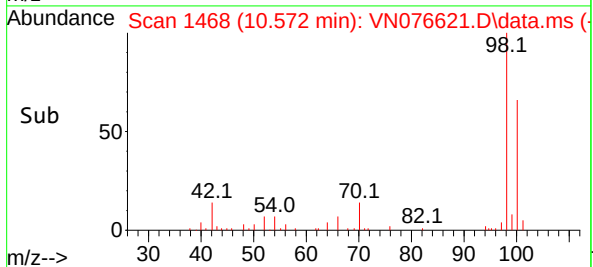
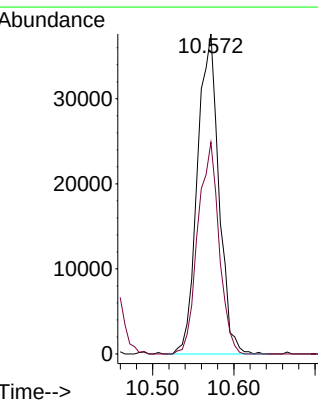
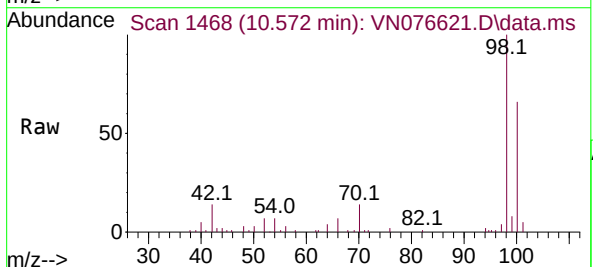
Delta R.T. 0.001 min

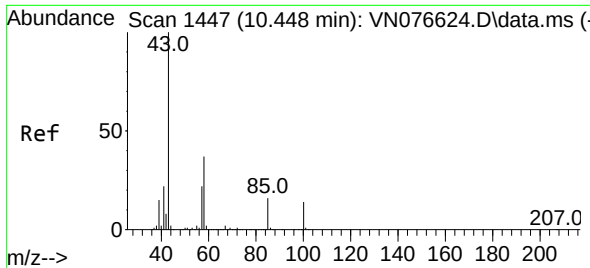
Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Tgt Ion: 98 Resp: 68996

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.9	79.3





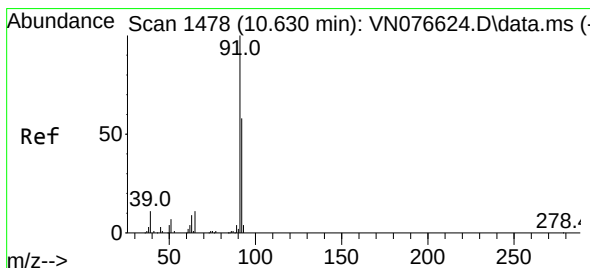
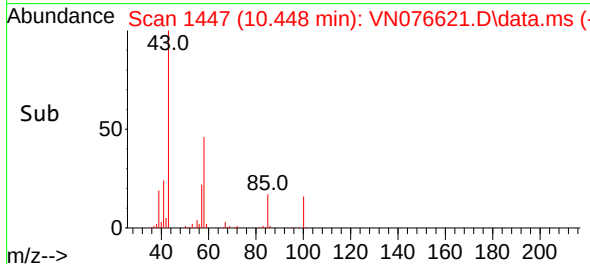
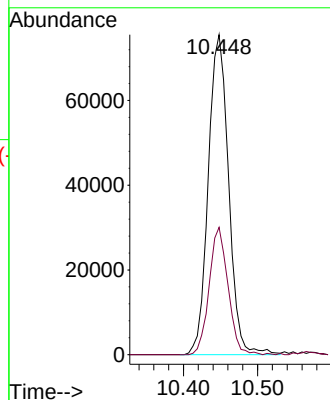
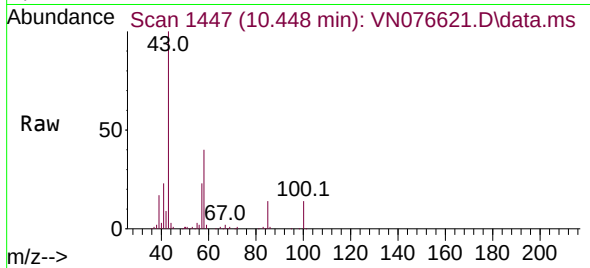
#51
4-Methyl-2-Pentanone
Concen: 39.076 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 14417
Ion Ratio Lower Upper
43 100
58 36.8 36.4 54.6

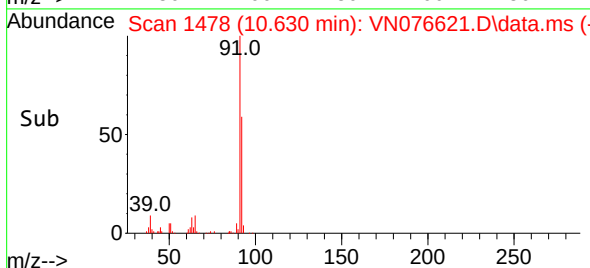
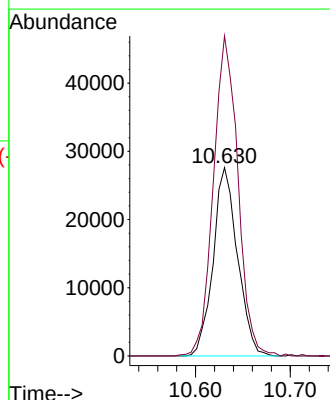
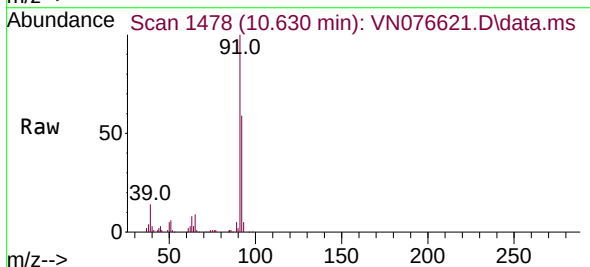
Manual Integrations
APPROVED

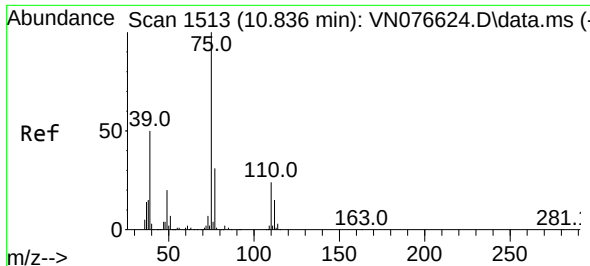
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#52
Toluene
Concen: 5.121 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

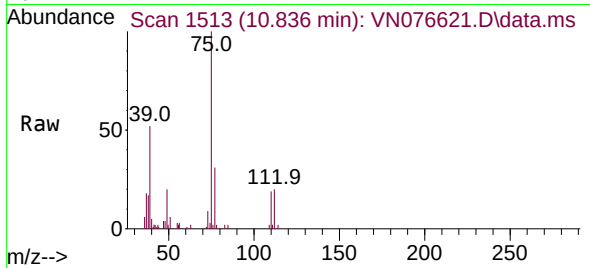
Tgt Ion: 92 Resp: 49334
Ion Ratio Lower Upper
92 100
91 171.2 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 4.770 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

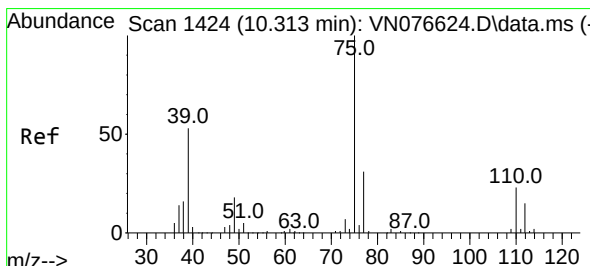
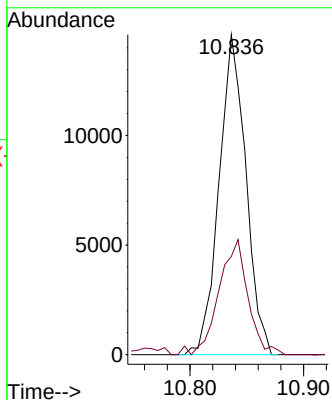
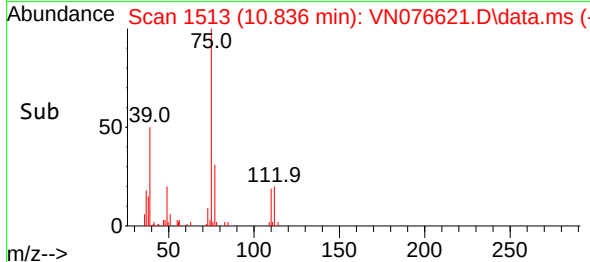
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 23970
Ion Ratio Lower Upper
75 100
77 30.7 24.5 36.7

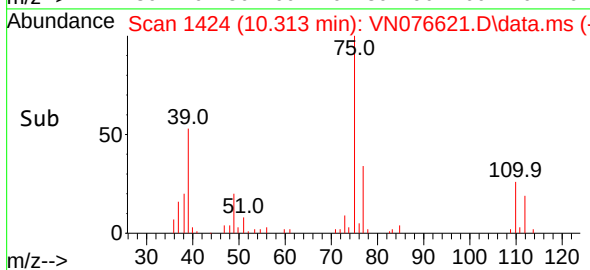
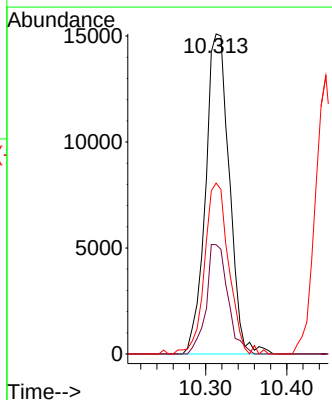
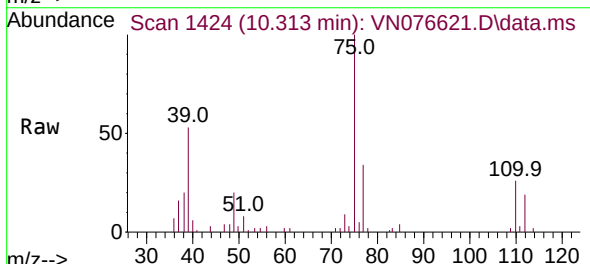
Manual Integrations
APPROVED

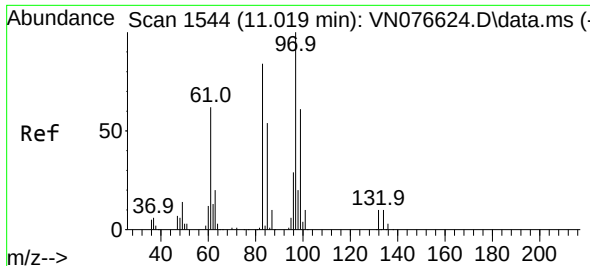
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 5.370 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

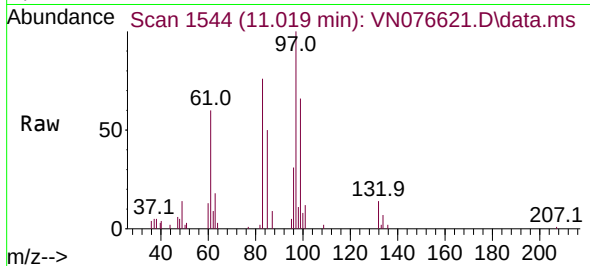
Tgt Ion: 75 Resp: 30770
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.0
39 53.4 31.1 46.7#





#55
1,1,2-Trichloroethane
Concen: 5.747 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

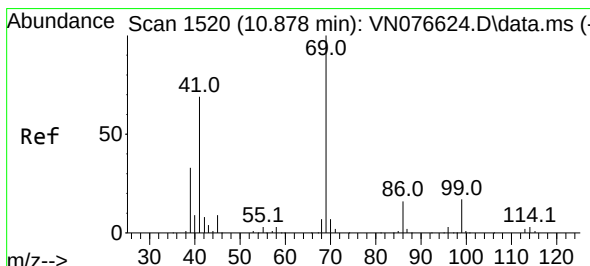
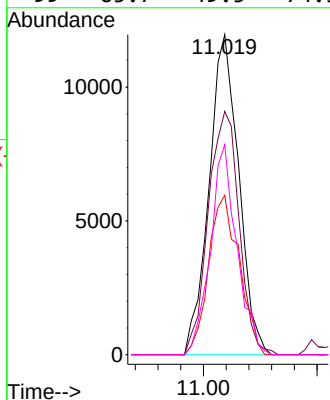
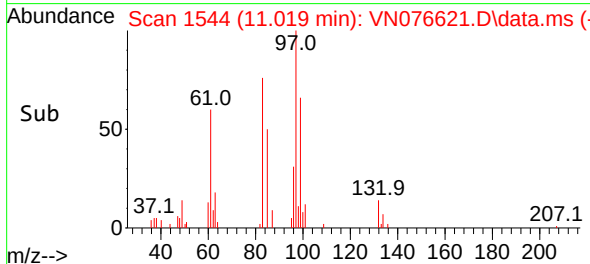
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	21684
Ion	Ratio	Lower	Upper
97	100		
83	76.0	67.5	101.3
85	49.8	43.0	64.6
99	65.7	49.5	74.3

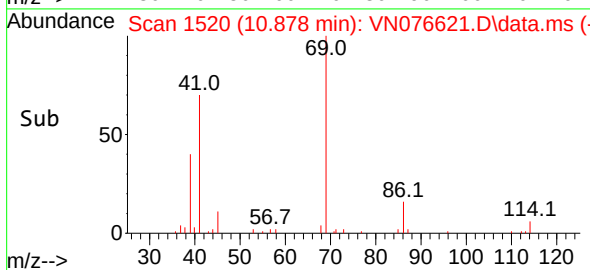
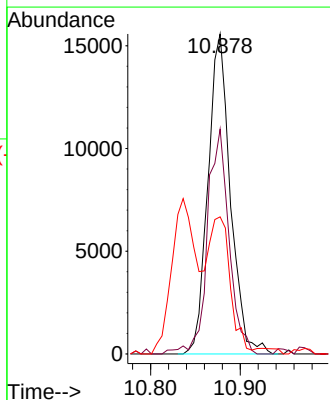
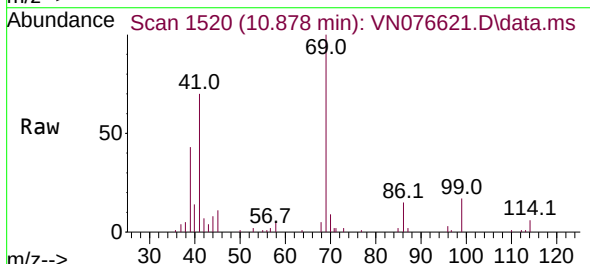
Manual Integrations
APPROVED

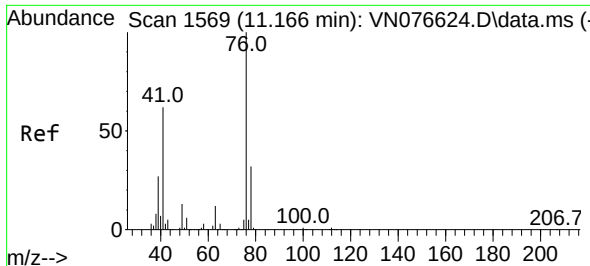
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#56
Ethyl methacrylate
Concen: 5.349 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion:	69	Resp:	27013
Ion	Ratio	Lower	Upper
69	100		
41	67.8	43.5	65.3#
39	38.4	21.3	31.9#





#57

1,3-Dichloropropane

Concen: 5.728 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 3498

Ion Ratio Lower Upper

76 100

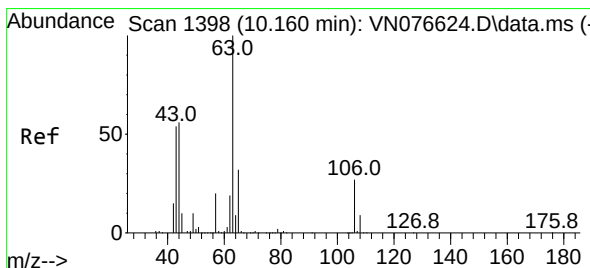
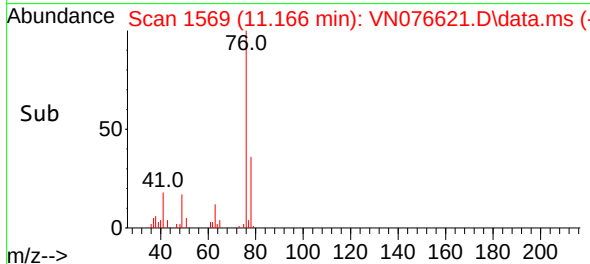
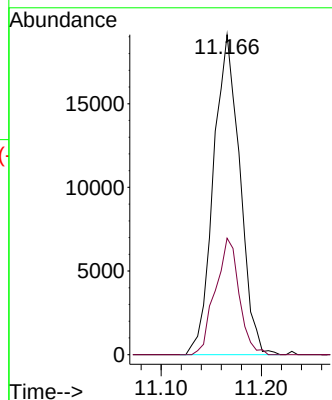
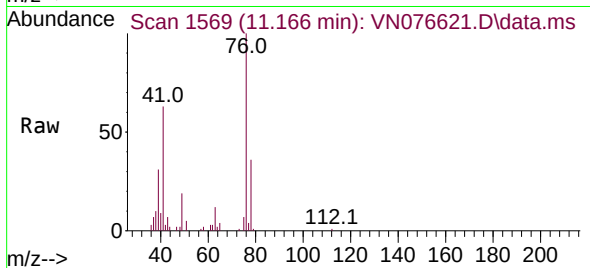
78 32.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 44.788 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.005 min

Lab File: VN076621.D

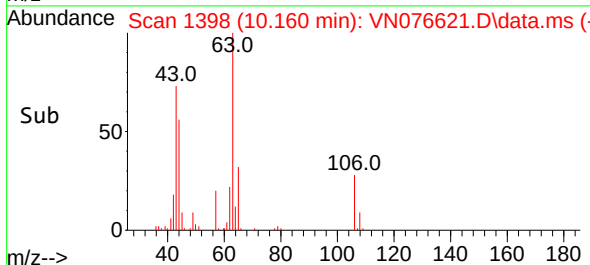
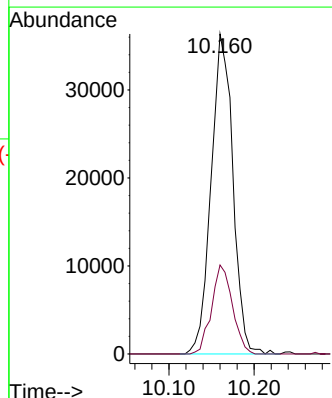
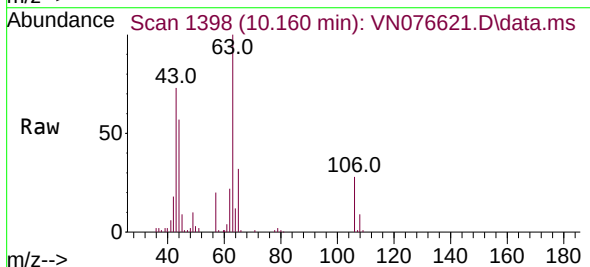
Acq: 13 Feb 2023 10:40

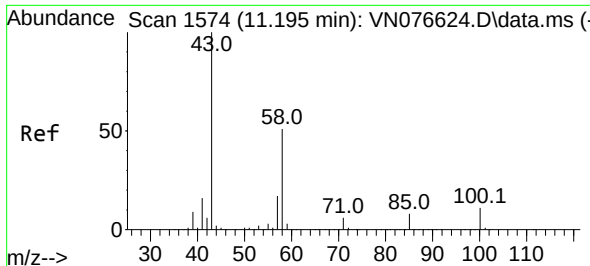
Tgt Ion: 63 Resp: 64633

Ion Ratio Lower Upper

63 100

106 26.6 25.6 38.4





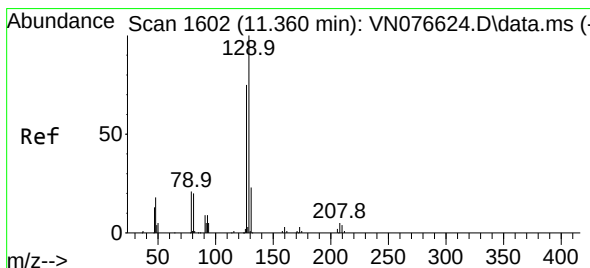
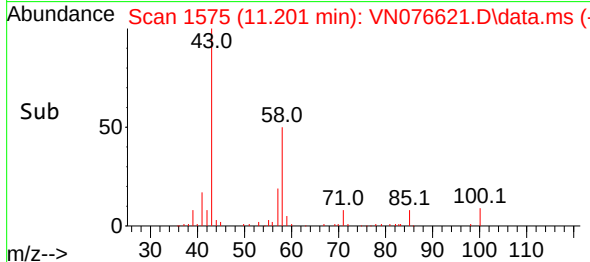
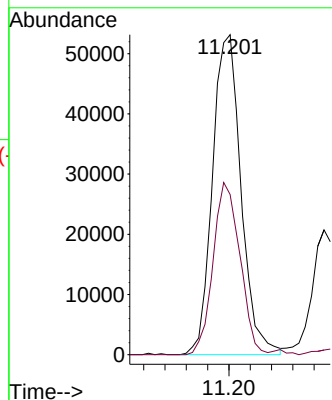
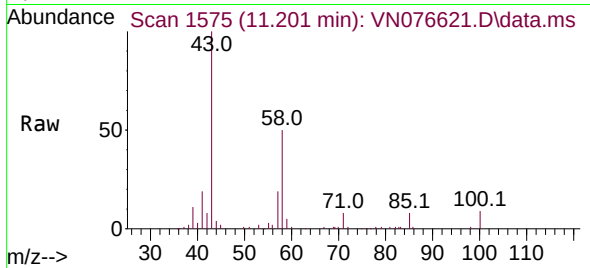
#59
2-Hexanone
Concen: 37.571 ug/l
RT: 11.201 min Scan# 11201
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 9882
Ion Ratio Lower Upper
43 100
58 50.5 31.8 95.4

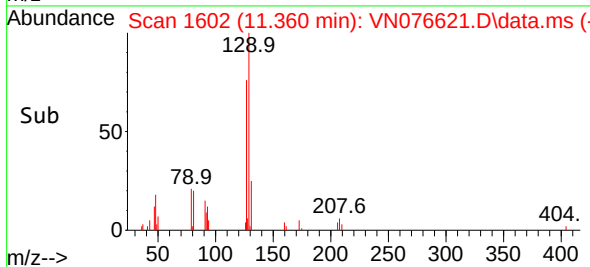
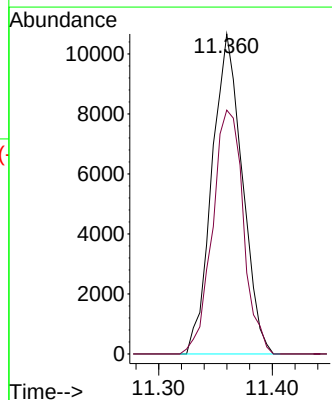
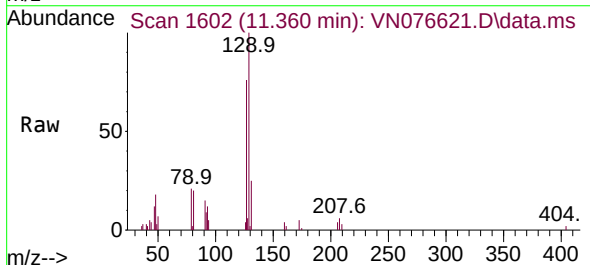
Manual Integrations
APPROVED

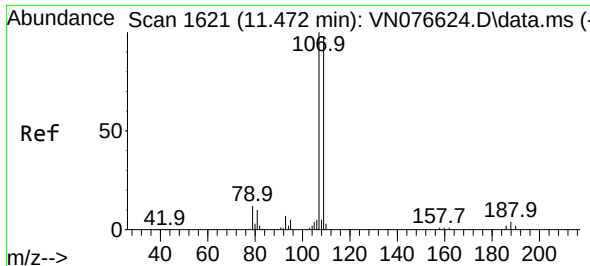
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 4.966 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion:129 Resp: 19746
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





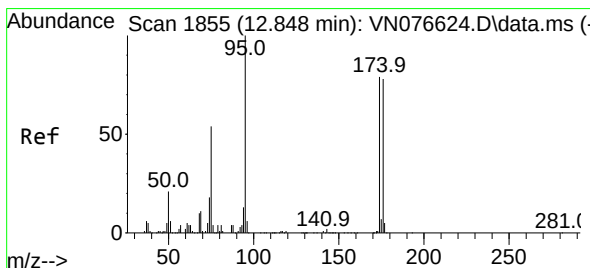
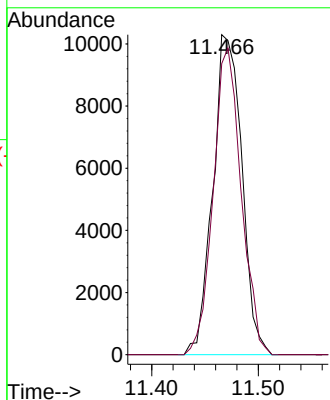
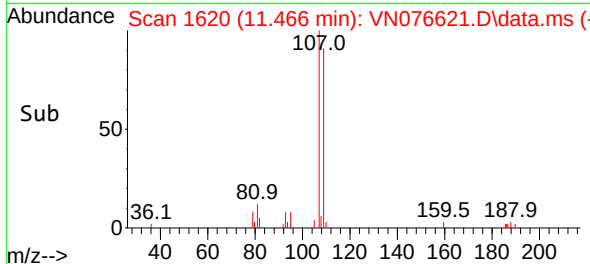
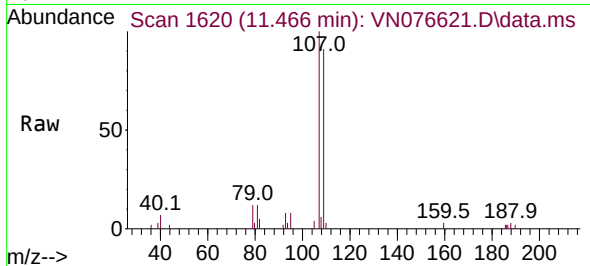
#61
1,2-Dibromoethane
Concen: 5.210 ug/l
RT: 11.466 min Scan# 1107
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1945
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.0

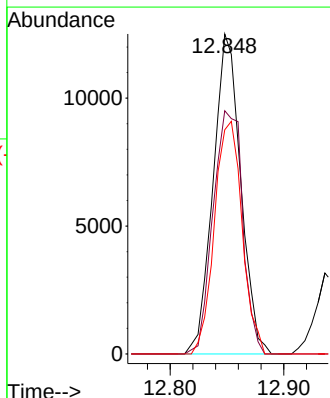
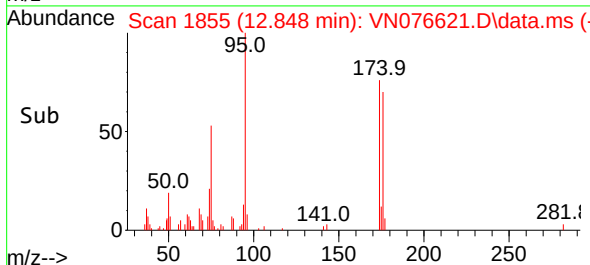
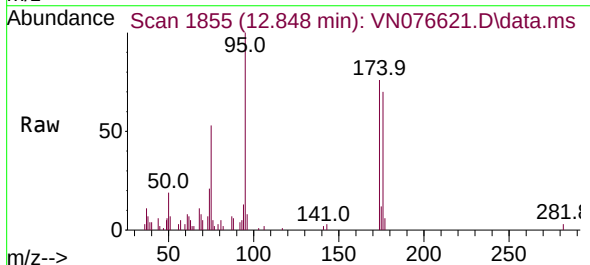
Manual Integrations
APPROVED

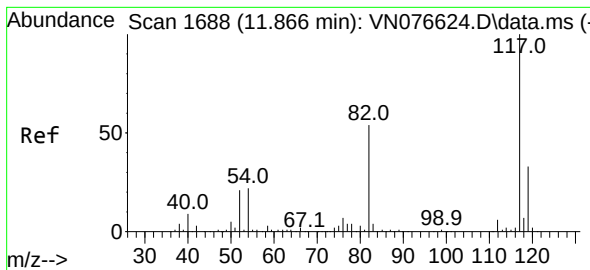
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#62
4-Bromofluorobenzene
Concen: 4.611 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

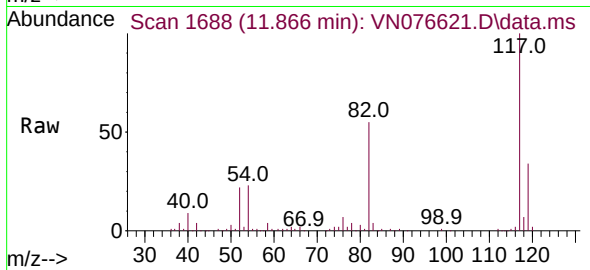
Tgt Ion: 95 Resp: 21075
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.0
176 73.1 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

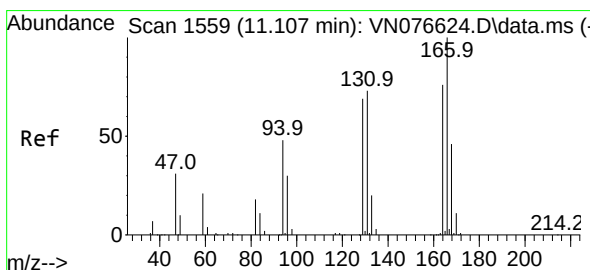
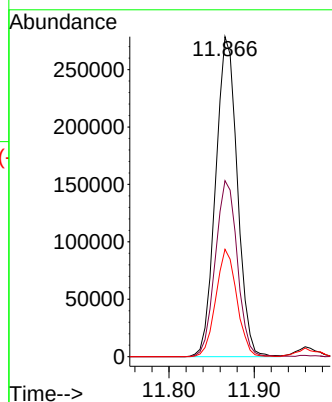
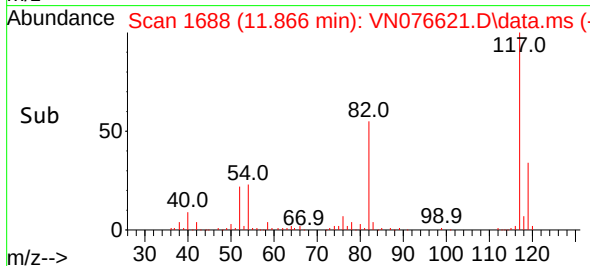
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



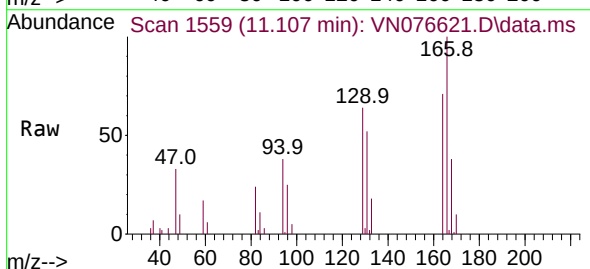
Tgt Ion:117 Resp: 492720
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 33.6 25.1 37.7

Manual Integrations
APPROVED

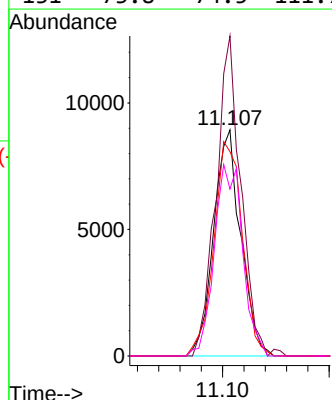
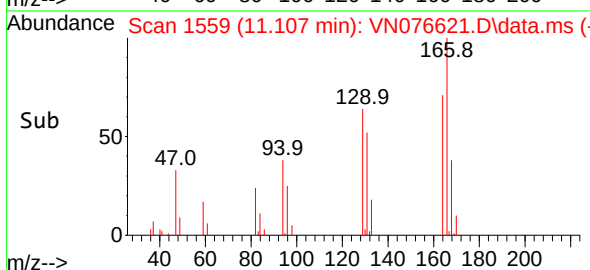
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

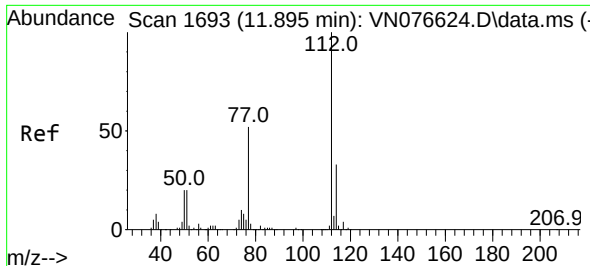


#64
Tetrachloroethene
Concen: 3.845 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion:164 Resp: 15774
Ion Ratio Lower Upper
164 100
166 141.5 100.2 150.4
129 90.4 76.8 115.2
131 73.8 74.5 111.7#





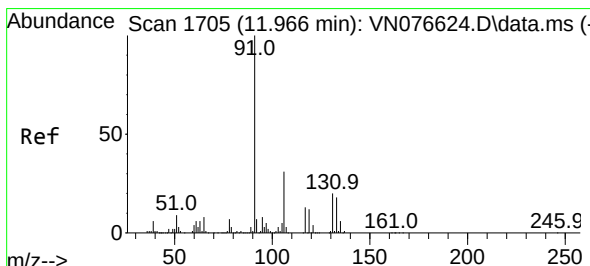
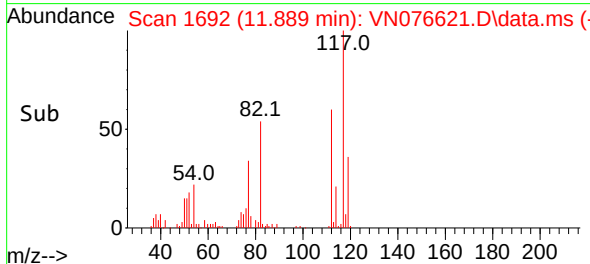
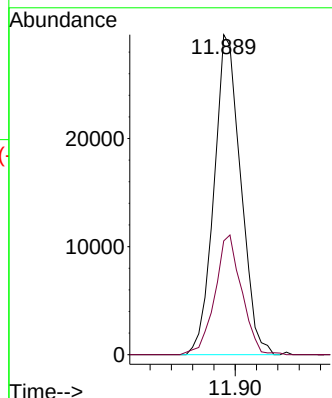
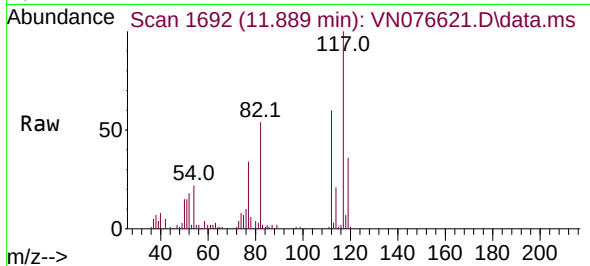
#65
Chlorobenzene
Concen: 5.052 ug/l
RT: 11.889 min Scan# 1692
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 51470
Ion Ratio Lower Upper
112 100
114 35.5 25.3 37.9

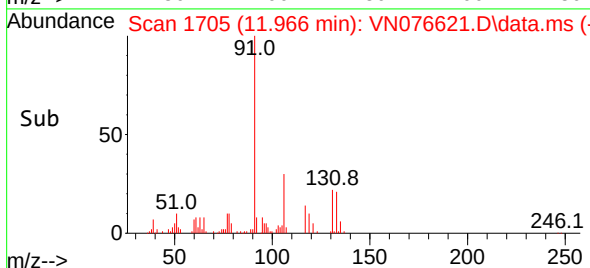
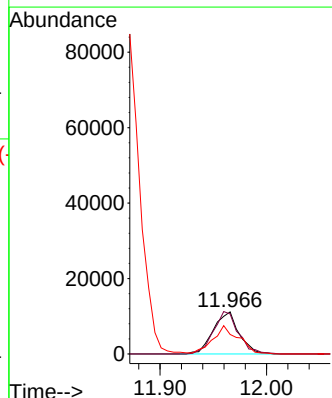
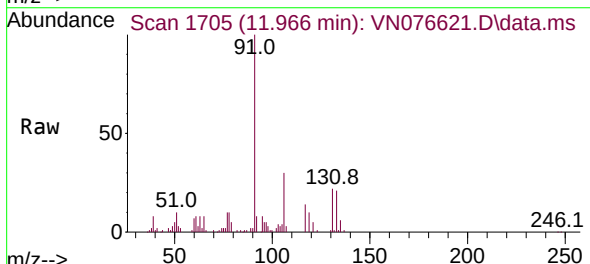
Manual Integrations
APPROVED

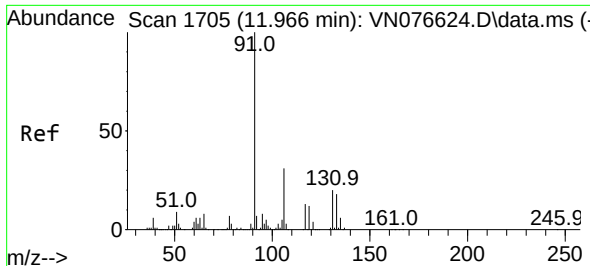
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.944 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

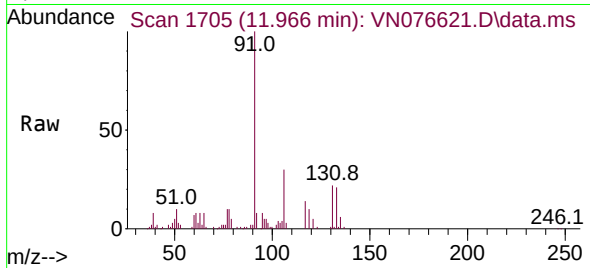
Tgt Ion:131 Resp: 18657
Ion Ratio Lower Upper
131 100
133 97.9 48.0 144.2
119 67.1 32.4 97.0





#67
Ethyl Benzene
Concen: 4.895 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

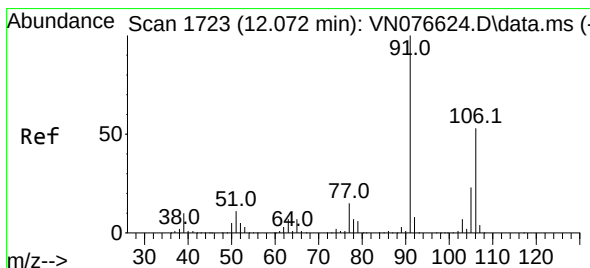
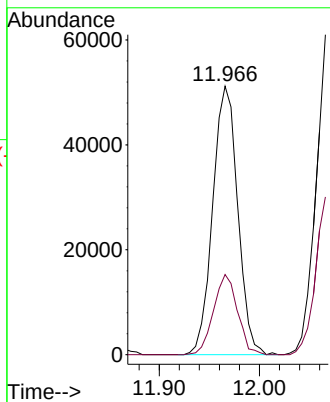
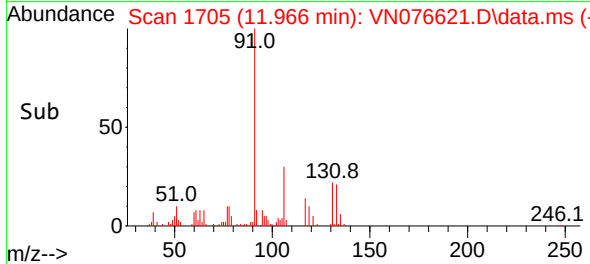
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



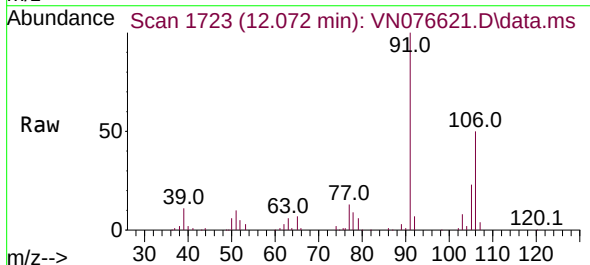
Tgt Ion: 91 Resp: 88638
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

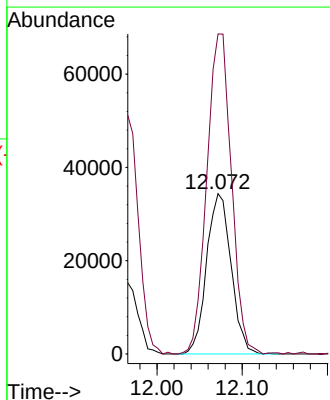
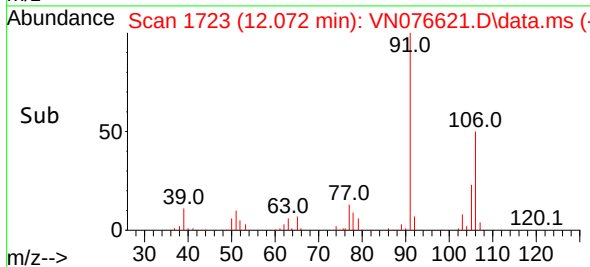
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

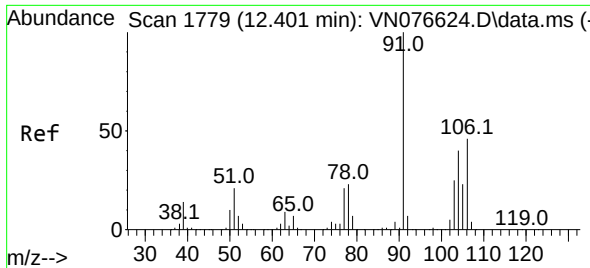


#68
m/p-Xylenes
Concen: 9.708 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion:106 Resp: 68494
Ion Ratio Lower Upper
106 100
91 201.2 160.2 240.4





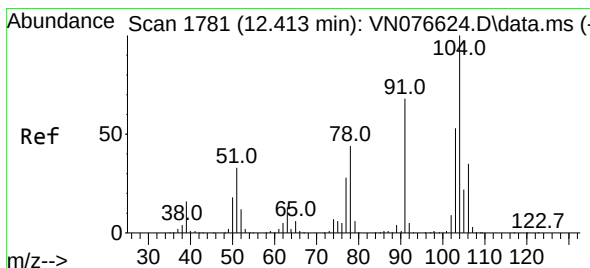
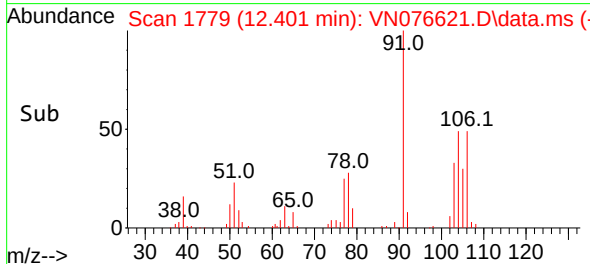
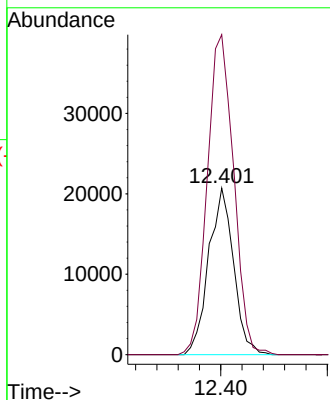
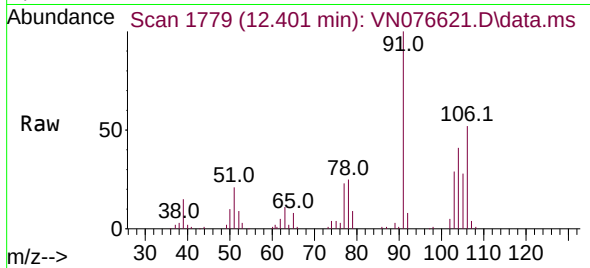
#69
o-Xylene
Concen: 4.877 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 3369
Ion Ratio Lower Upper
106 100
91 203.2 106.2 318.5

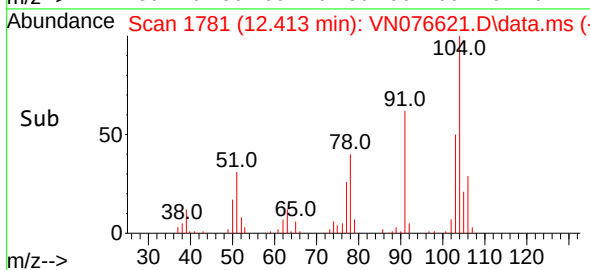
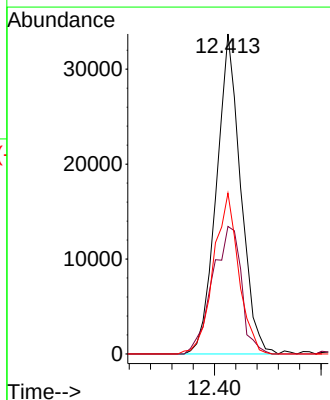
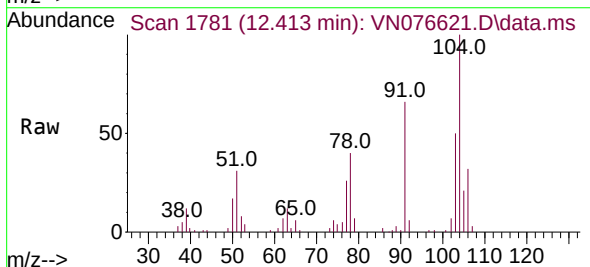
Manual Integrations
APPROVED

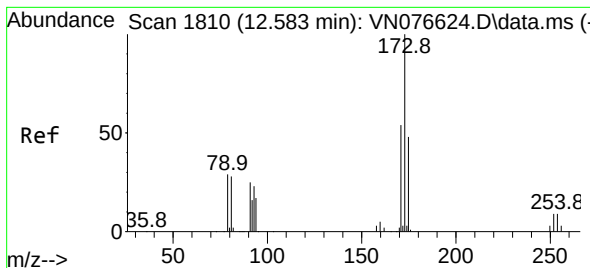
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 4.849 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion:104 Resp: 53278
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.4
103 52.0 43.7 65.5





#71

Bromoform

Concen: 4.944 ug/l

RT: 12.577 min Scan# 1810

Delta R.T. -0.005 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

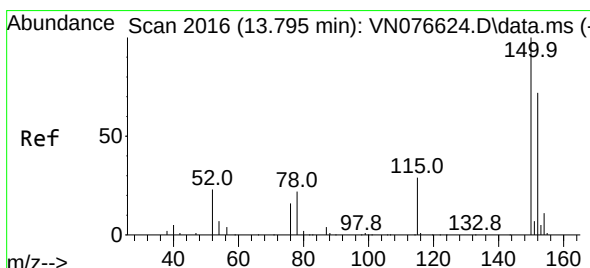
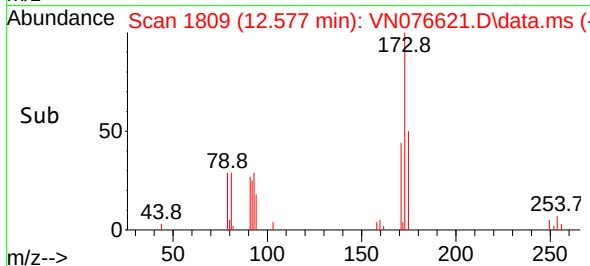
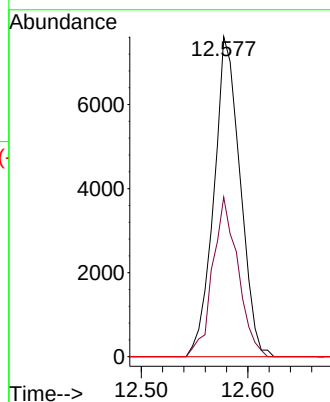
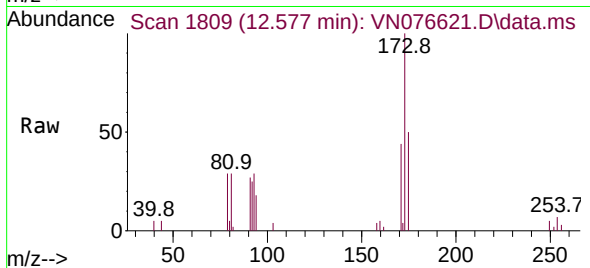
Tgt Ion:	173	Resp:	1302
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.8	74.3
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

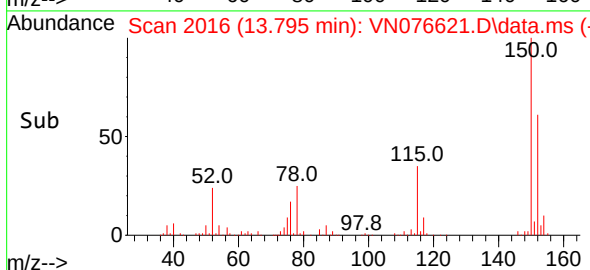
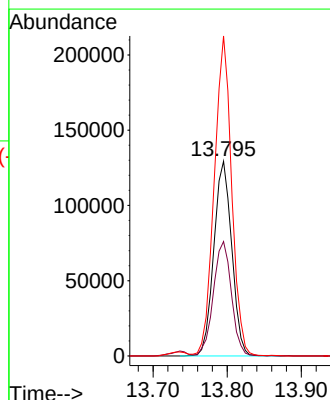
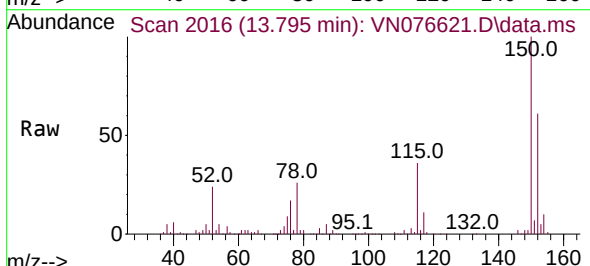
RT: 13.795 min Scan# 2016

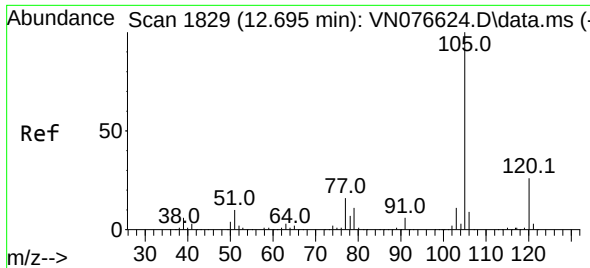
Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Tgt Ion:	152	Resp:	216892
Ion Ratio	Lower	Upper	
152	100		
115	59.3	30.8	92.3
150	159.1	0.0	348.8





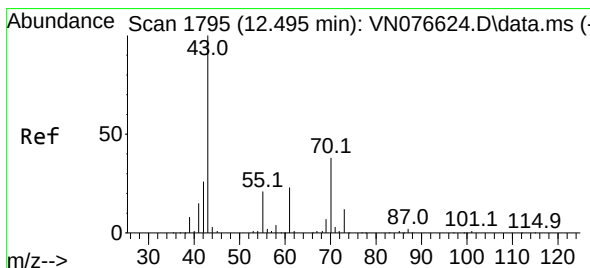
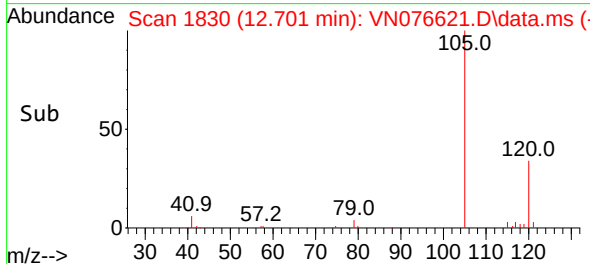
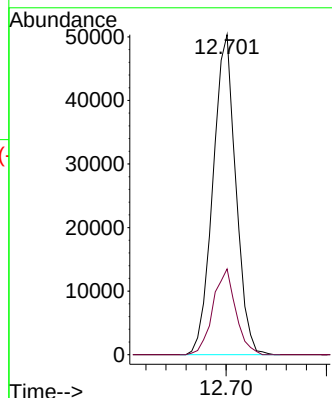
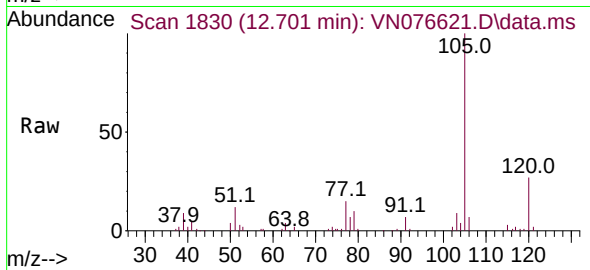
#73
Isopropylbenzene
Concen: 4.486 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 79679
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0

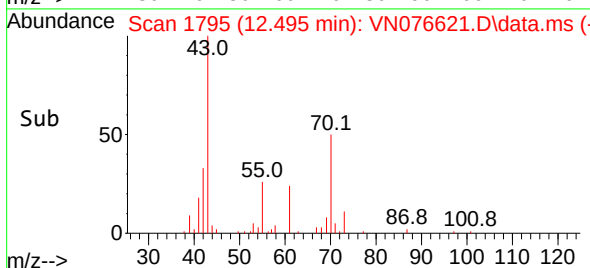
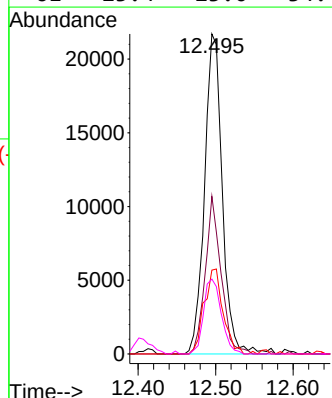
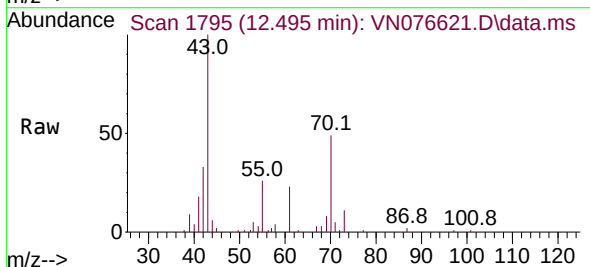
Manual Integrations
APPROVED

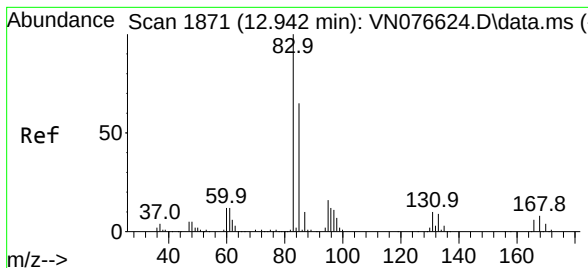
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 7.002 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 43 Resp: 34687
Ion Ratio Lower Upper
43 100
70 43.6 43.1 64.7
55 28.0 22.4 33.6
61 23.4 23.0 34.4





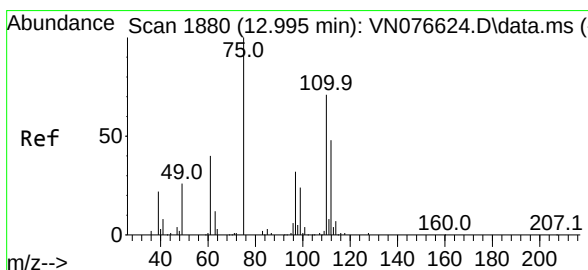
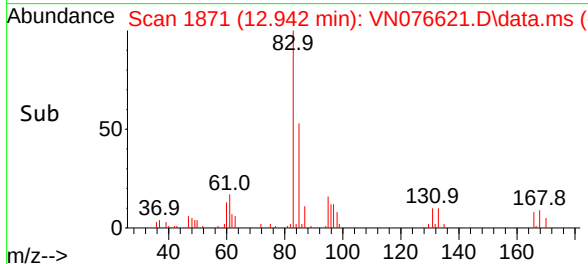
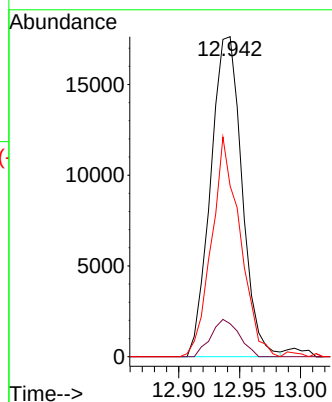
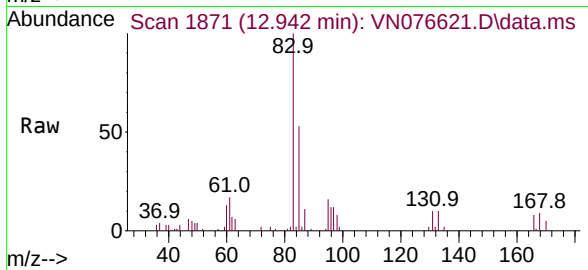
#75
1,1,2,2-Tetrachloroethane
Concen: 6.478 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 31538
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 62.3 32.4 97.0

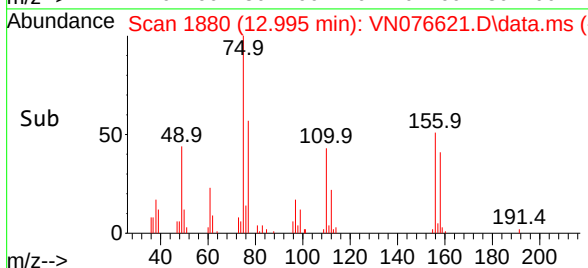
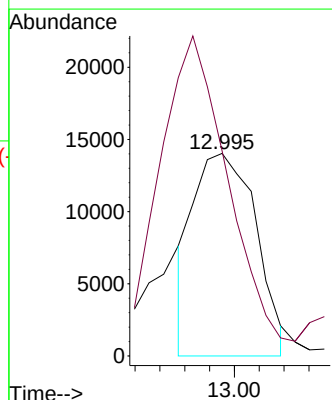
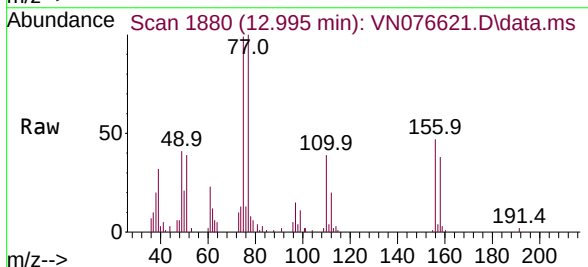
Manual Integrations
APPROVED

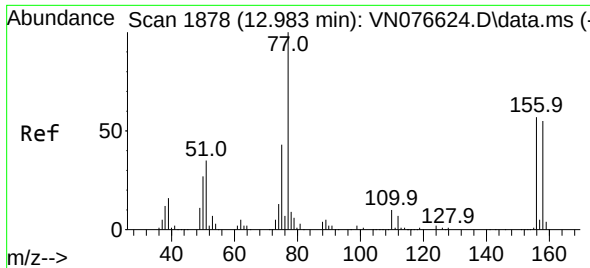
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#76
1,2,3-Trichloropropane
Concen: 6.061 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

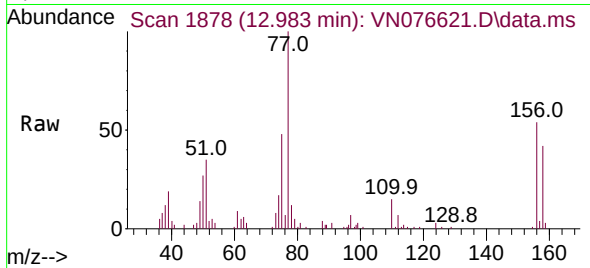
Tgt Ion: 75 Resp: 24527
Ion Ratio Lower Upper
75 100
77 179.5 87.5 262.5





#77
Bromobenzene
Concen: 4.923 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

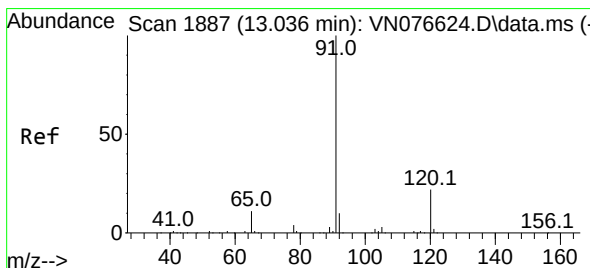
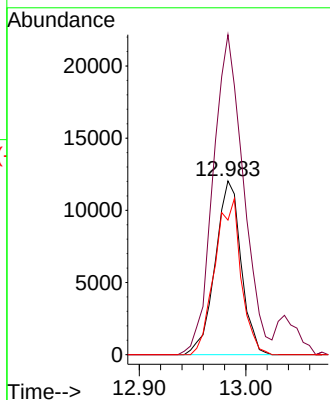
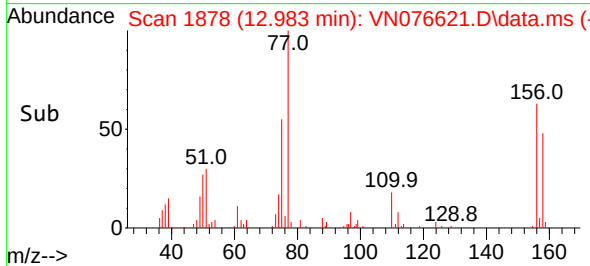
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 2034
Ion Ratio Lower Upper
156 100
77 216.4 101.6 304.9
158 90.7 48.9 146.7

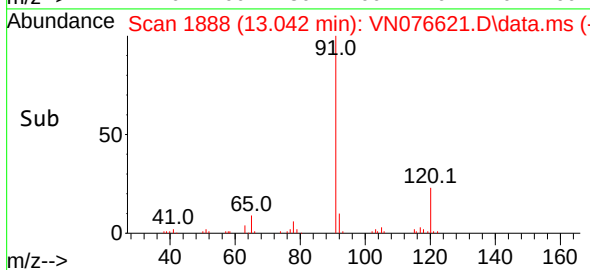
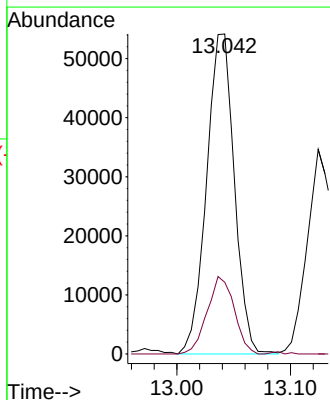
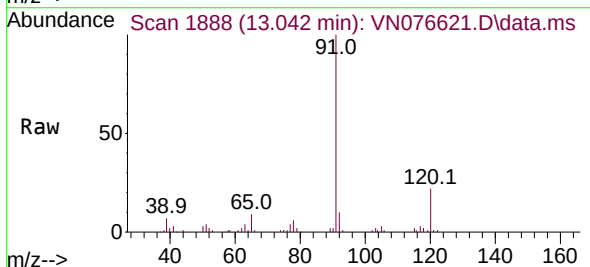
Manual Integrations
APPROVED

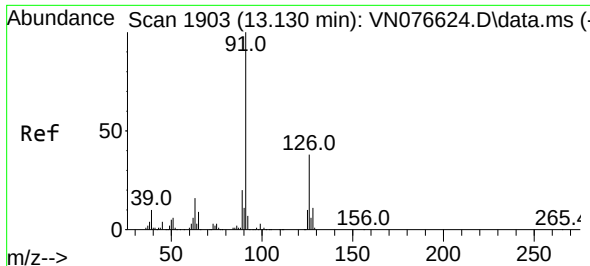
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 4.708 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 91 Resp: 92093
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





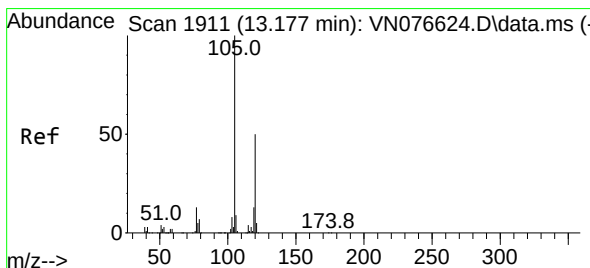
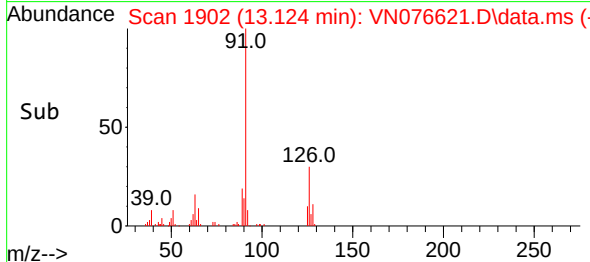
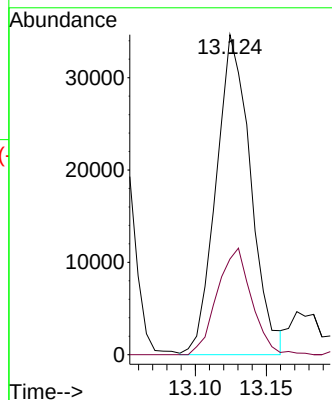
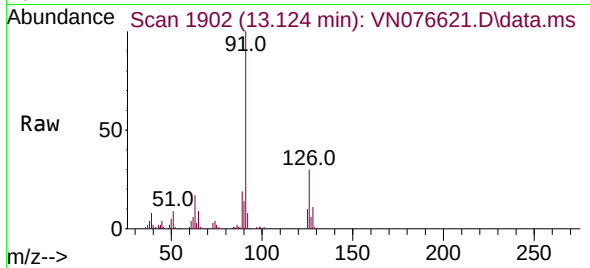
#79
2-Chlorotoluene
Concen: 4.715 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5875
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.3

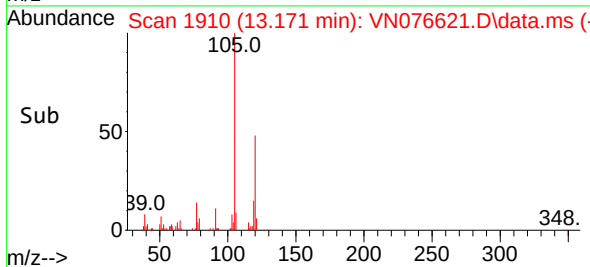
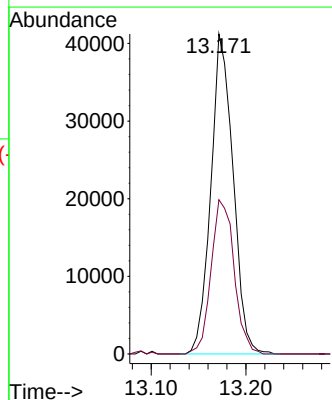
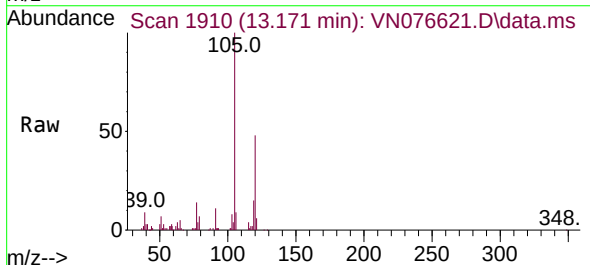
Manual Integrations
APPROVED

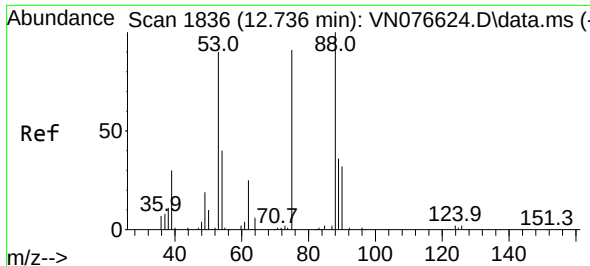
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.562 ug/l
RT: 13.171 min Scan# 1910
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

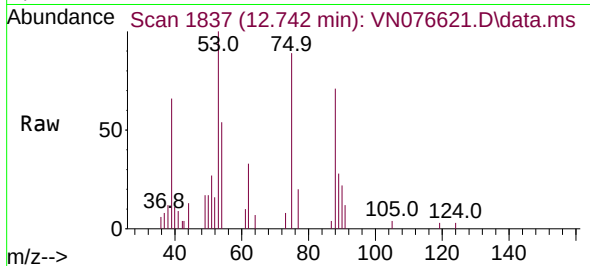
Tgt Ion:105 Resp: 67249
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 6.104 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

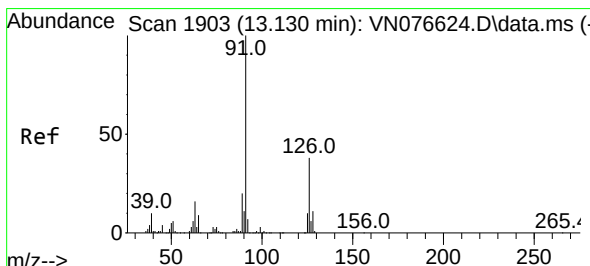
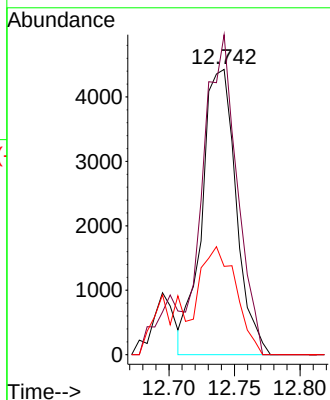
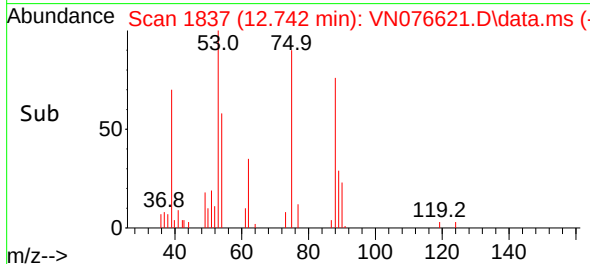
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 8044
Ion Ratio Lower Upper
75 100
53 108.0 77.1 115.7
89 40.5 41.5 62.3

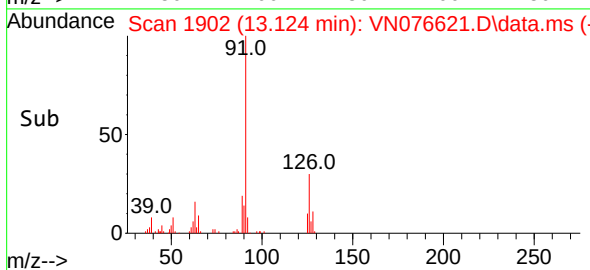
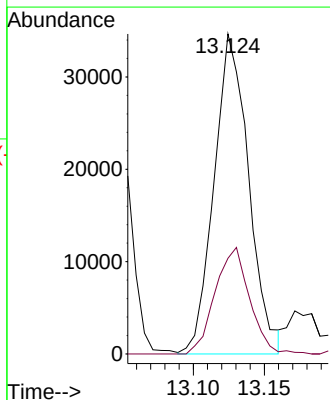
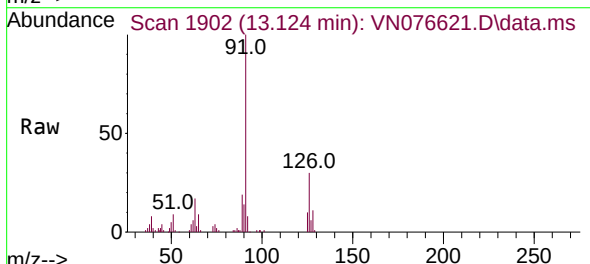
Manual Integrations
APPROVED

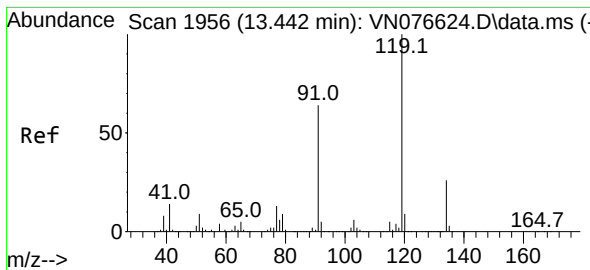
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#82
4-Chlorotoluene
Concen: 4.715 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.005 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion: 91 Resp: 58751
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.3





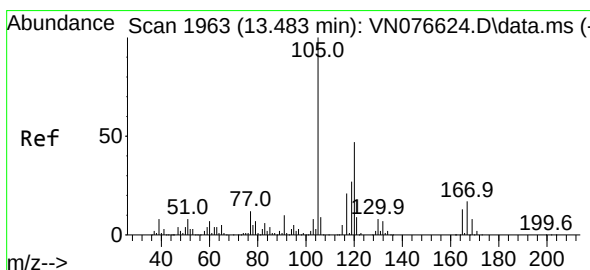
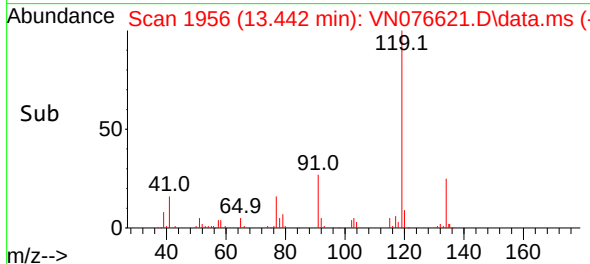
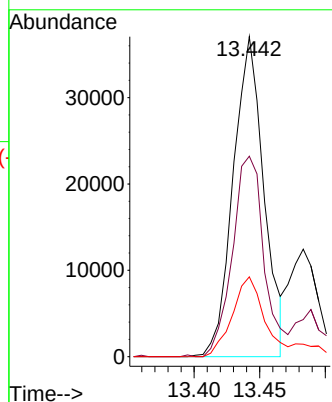
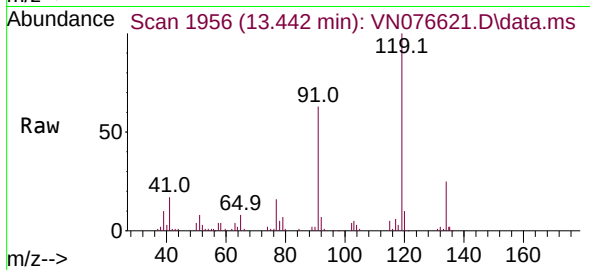
#83
tert-Butylbenzene
Concen: 4.574 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 6039
Ion Ratio Lower Upper
119 100
91 65.2 33.2 99.6
134 25.9 13.4 40.1

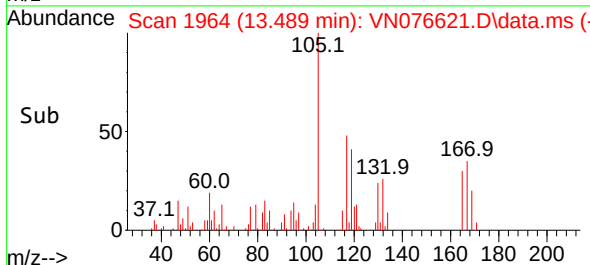
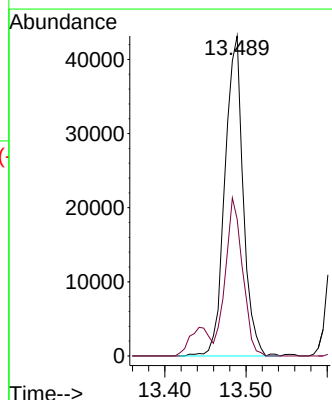
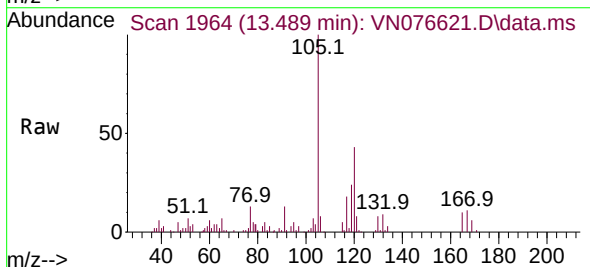
Manual Integrations
APPROVED

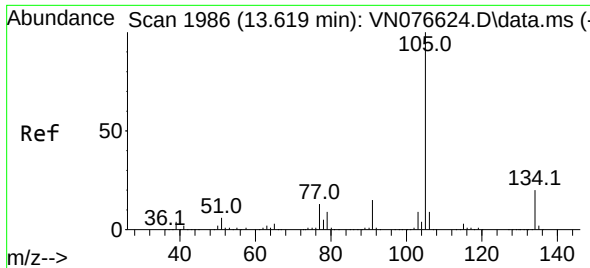
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.608 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.007 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Tgt Ion:105 Resp: 67603
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8





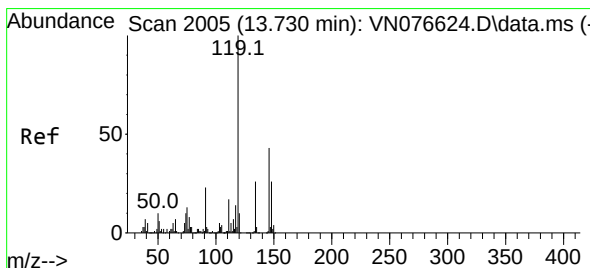
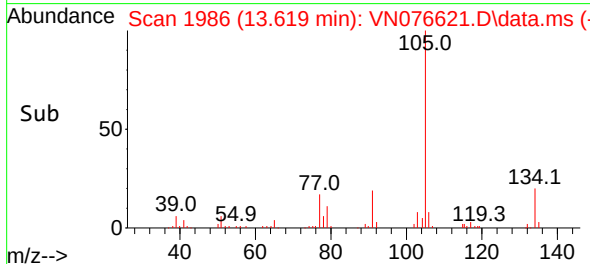
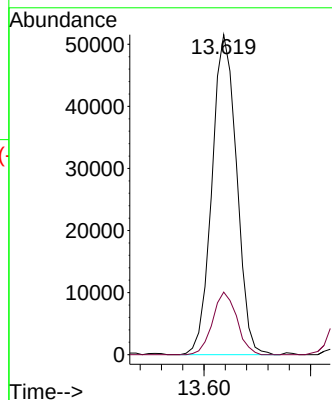
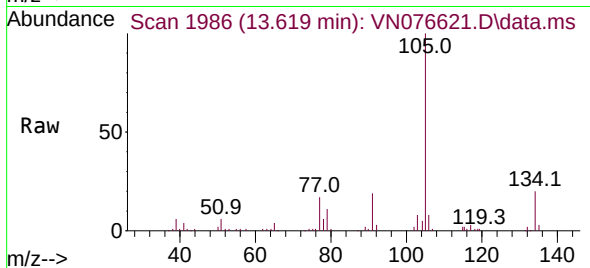
#85
 sec-Butylbenzene
 Concen: 4.658 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076621.D
 Acq: 13 Feb 2023 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 8294
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.1 30.1

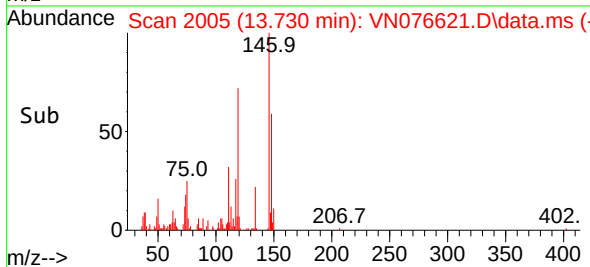
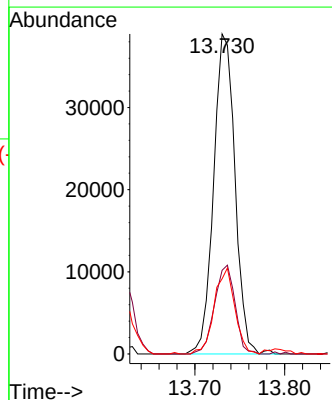
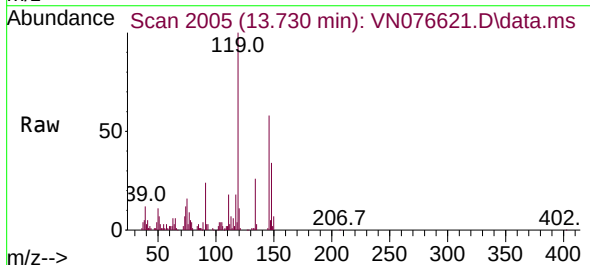
Manual Integrations
 APPROVED

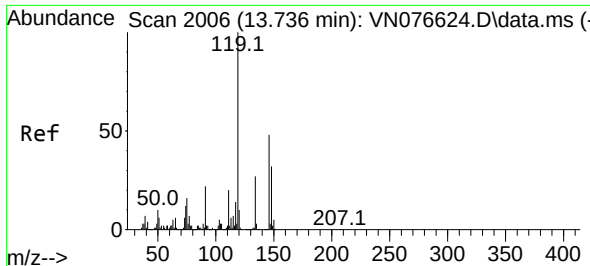
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#86
 p-Isopropyltoluene
 Concen: 4.413 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.001 min
 Lab File: VN076621.D
 Acq: 13 Feb 2023 10:40

Tgt Ion:119 Resp: 64392
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.4
 91 25.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 5.185 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.005 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

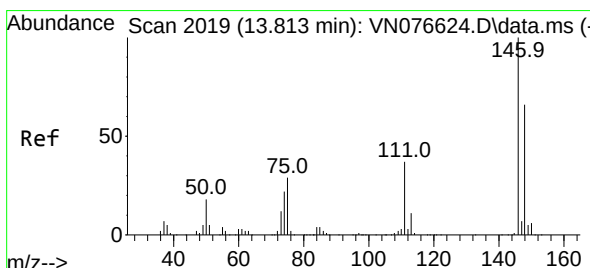
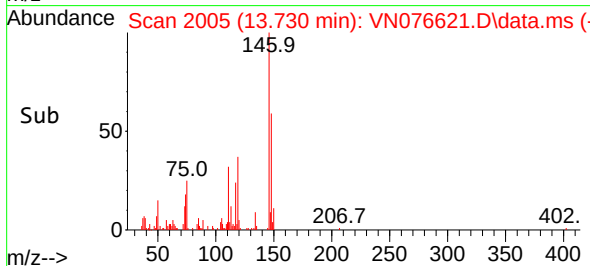
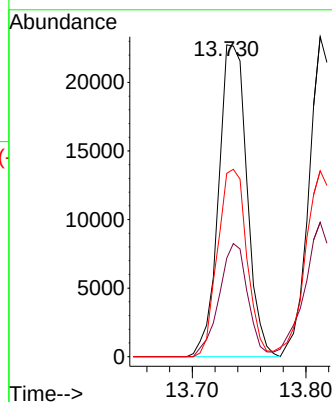
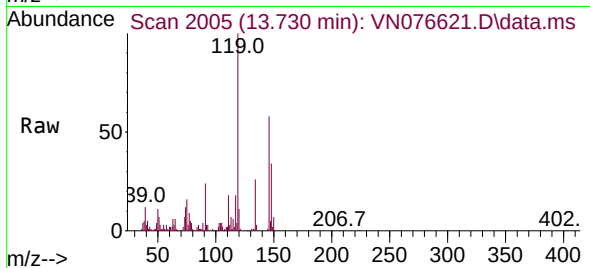
Tgt Ion:146 Resp: 39428
 Ion Ratio Lower Upper
 146 100
 111 36.7 20.3 61.0
 148 62.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#88

1,4-Dichlorobenzene

Concen: 4.880 ug/l

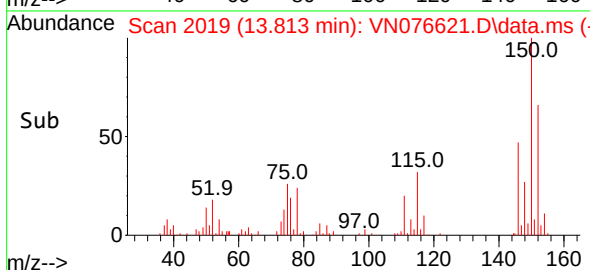
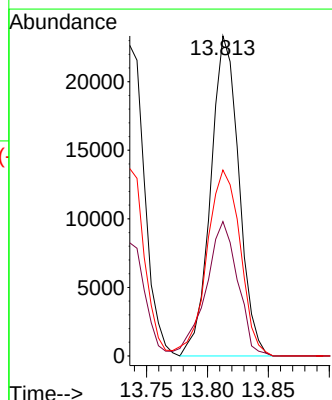
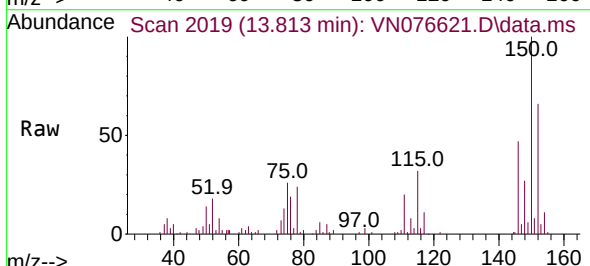
RT: 13.813 min Scan# 2019

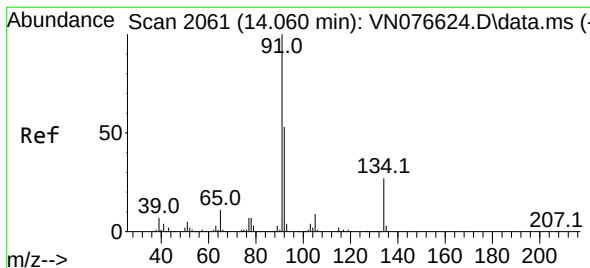
Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Tgt Ion:146 Resp: 37696
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.8 59.4
 148 68.6 31.6 94.8





#89

n-Butylbenzene

Concen: 4.815 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

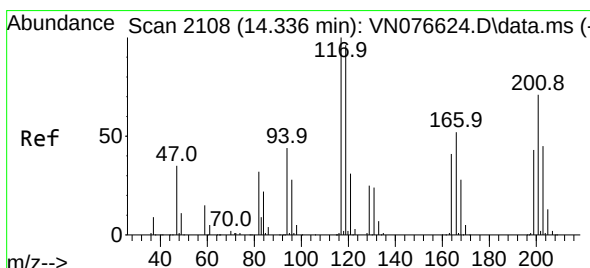
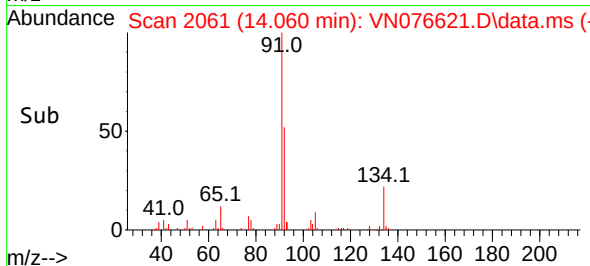
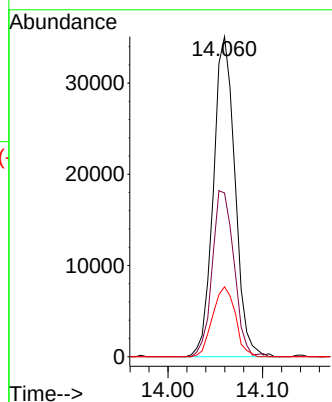
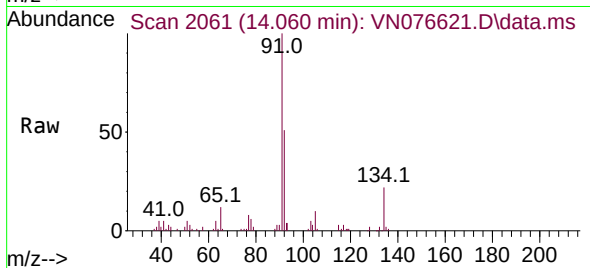
Tgt Ion:	91	Resp:	5563
Ion Ratio	Lower	Upper	
91	100		
92	52.4	27.0	80.8
134	23.0	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#90

Hexachloroethane

Concen: 5.541 ug/l

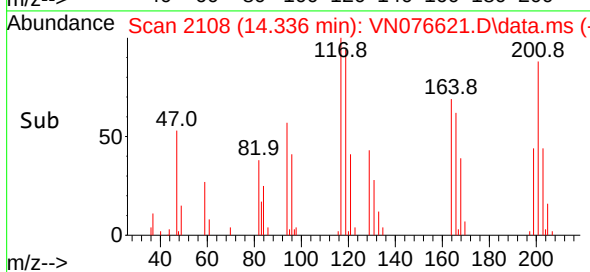
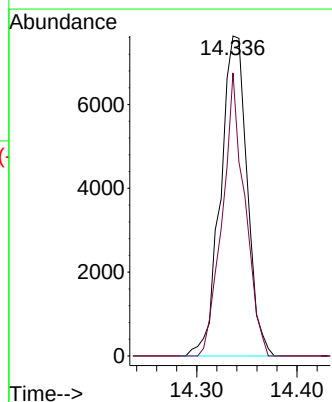
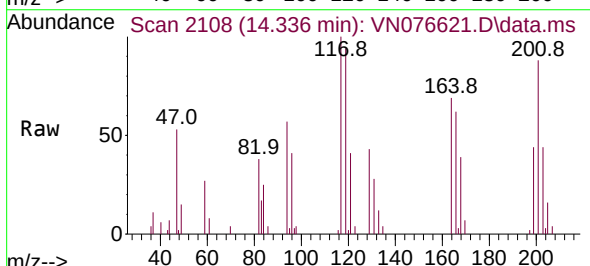
RT: 14.336 min Scan# 2108

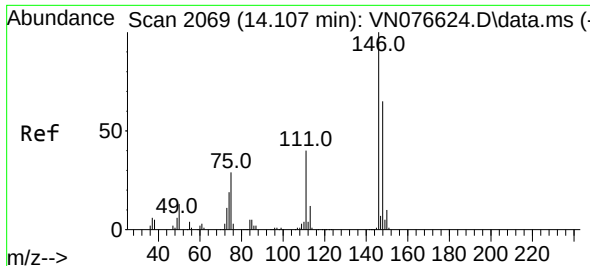
Delta R.T. 0.001 min

Lab File: VN076621.D

Acq: 13 Feb 2023 10:40

Tgt Ion:	117	Resp:	14083
Ion Ratio	Lower	Upper	
117	100		
201	74.5	37.2	111.6





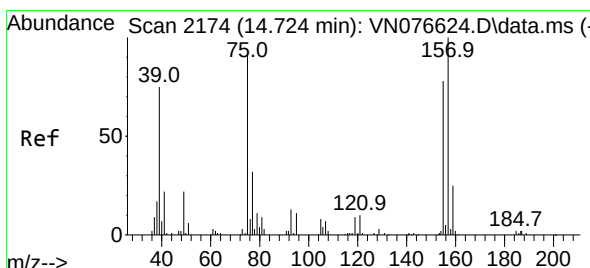
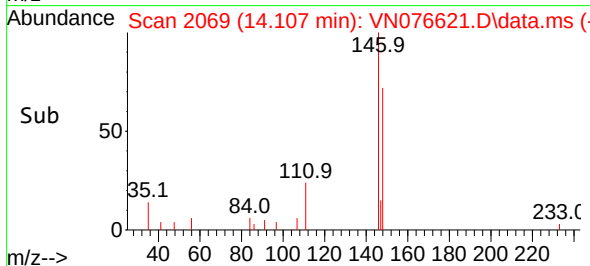
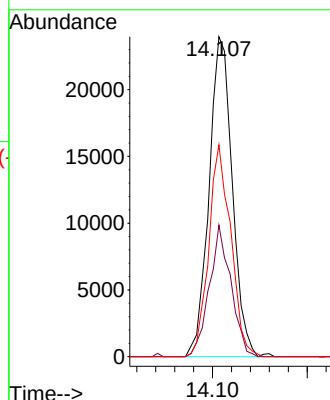
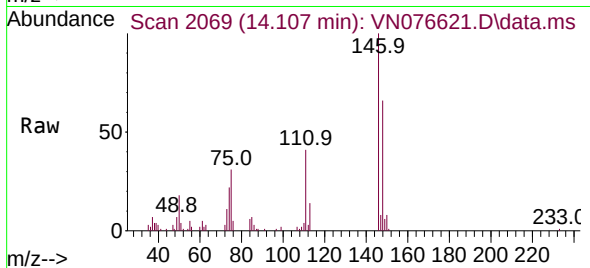
#91
1,2-Dichlorobenzene
Concen: 5.448 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 40849
Ion Ratio Lower Upper
146 100
111 38.2 21.4 64.3
148 62.8 31.9 95.9

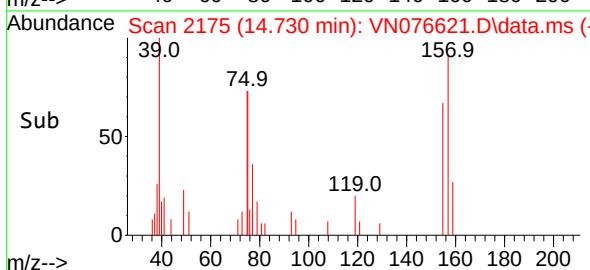
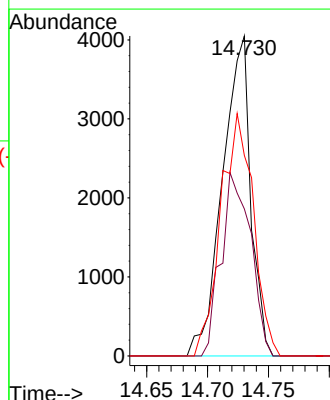
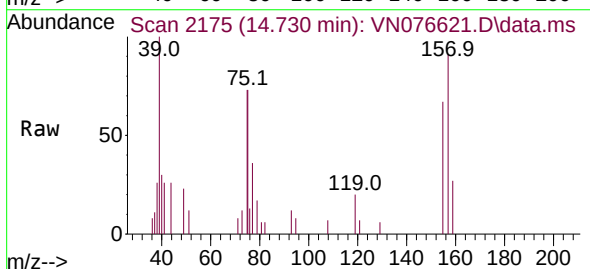
Manual Integrations
APPROVED

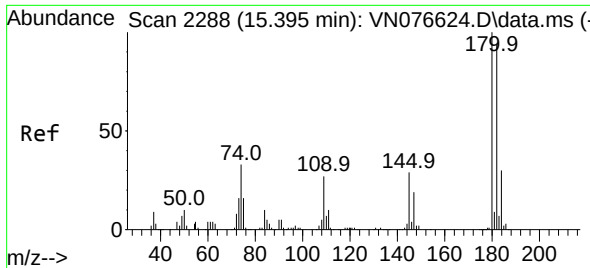
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.753 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.007 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

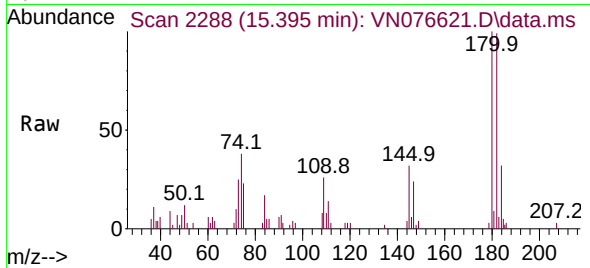
Tgt Ion: 75 Resp: 6533
Ion Ratio Lower Upper
75 100
155 60.2 44.8 134.4
157 87.3 58.4 175.1





#93
1,2,4-Trichlorobenzene
Concen: 4.975 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

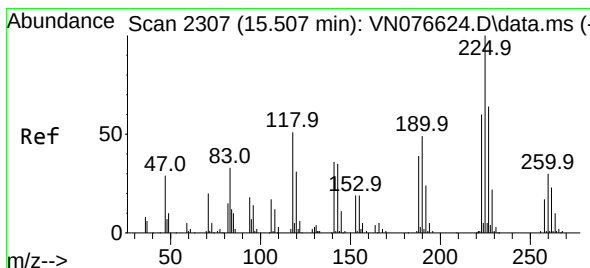
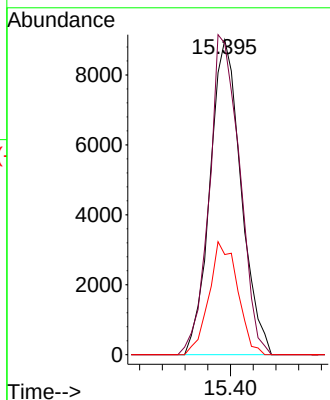
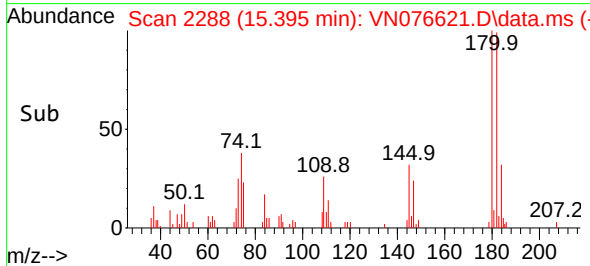
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



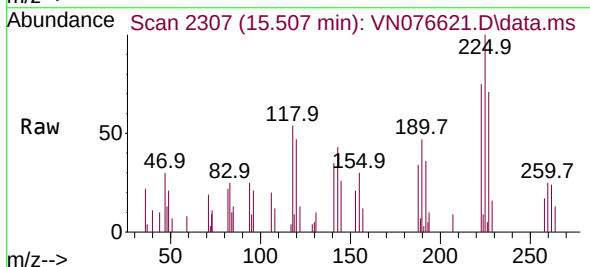
Tgt Ion:180 Resp: 17090
Ion Ratio Lower Upper
180 100
182 99.3 47.4 142.2
145 33.0 16.3 48.8

Manual Integrations
APPROVED

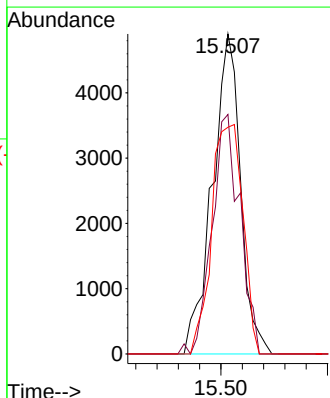
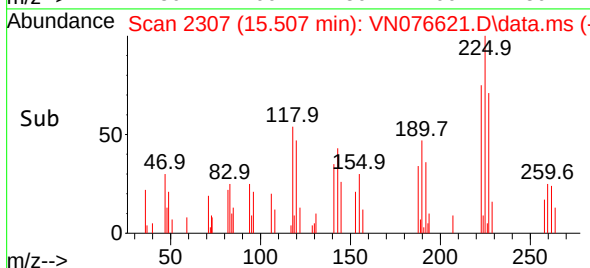
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

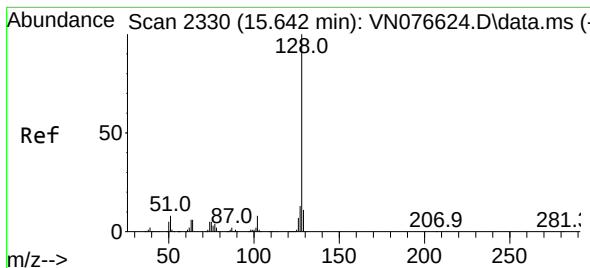


#94
Hexachlorobutadiene
Concen: 4.642 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



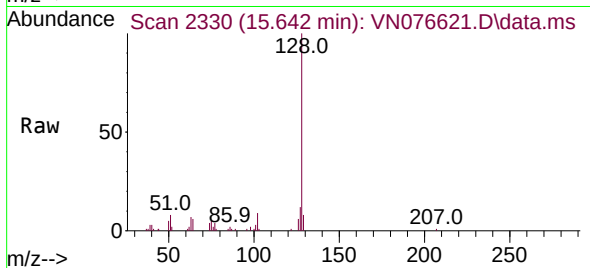
Tgt Ion:225 Resp: 8968
Ion Ratio Lower Upper
225 100
223 74.0 31.2 93.6
227 79.9 31.8 95.3





#95
Naphthalene
Concen: 4.954 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40

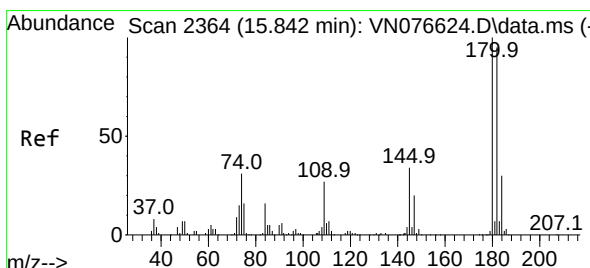
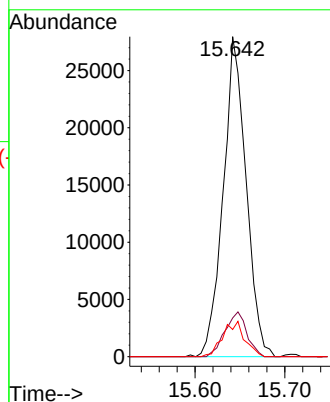
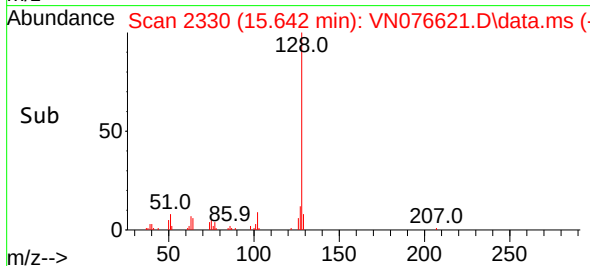
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



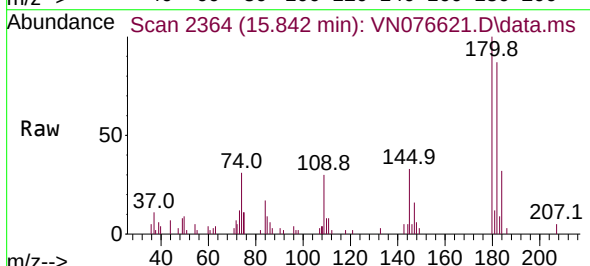
Tgt Ion:128 Resp: 49509
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 5.868 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.001 min
Lab File: VN076621.D
Acq: 13 Feb 2023 10:40



Tgt Ion:180 Resp: 19305
Ion Ratio Lower Upper
180 100
182 87.5 47.4 142.2
145 29.0 17.2 51.5

